

Program EVALPLOT  
(Version 2018-1)

by

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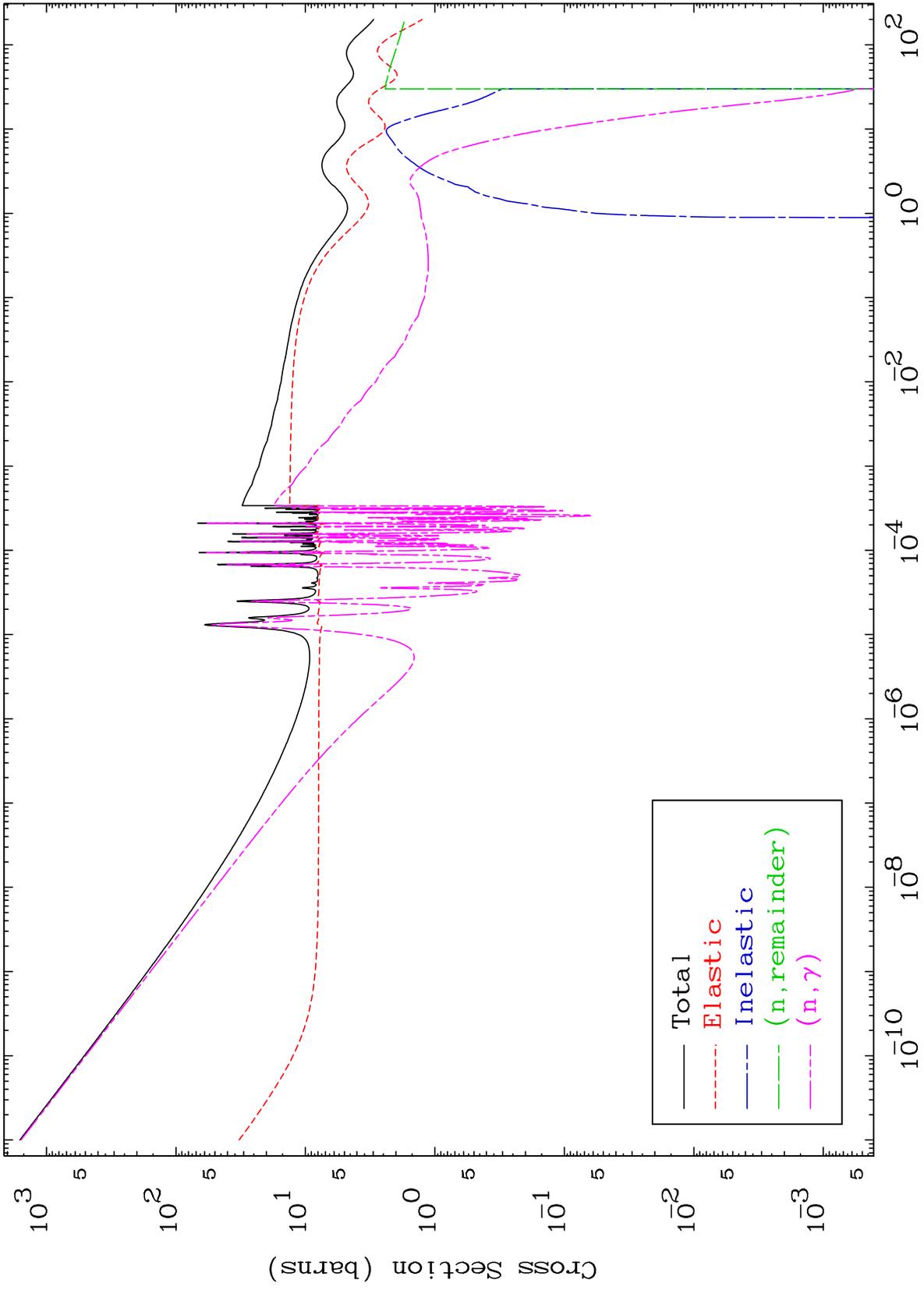
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8307

Major  
293 Kelvin Cross Sections

83-Bi-203

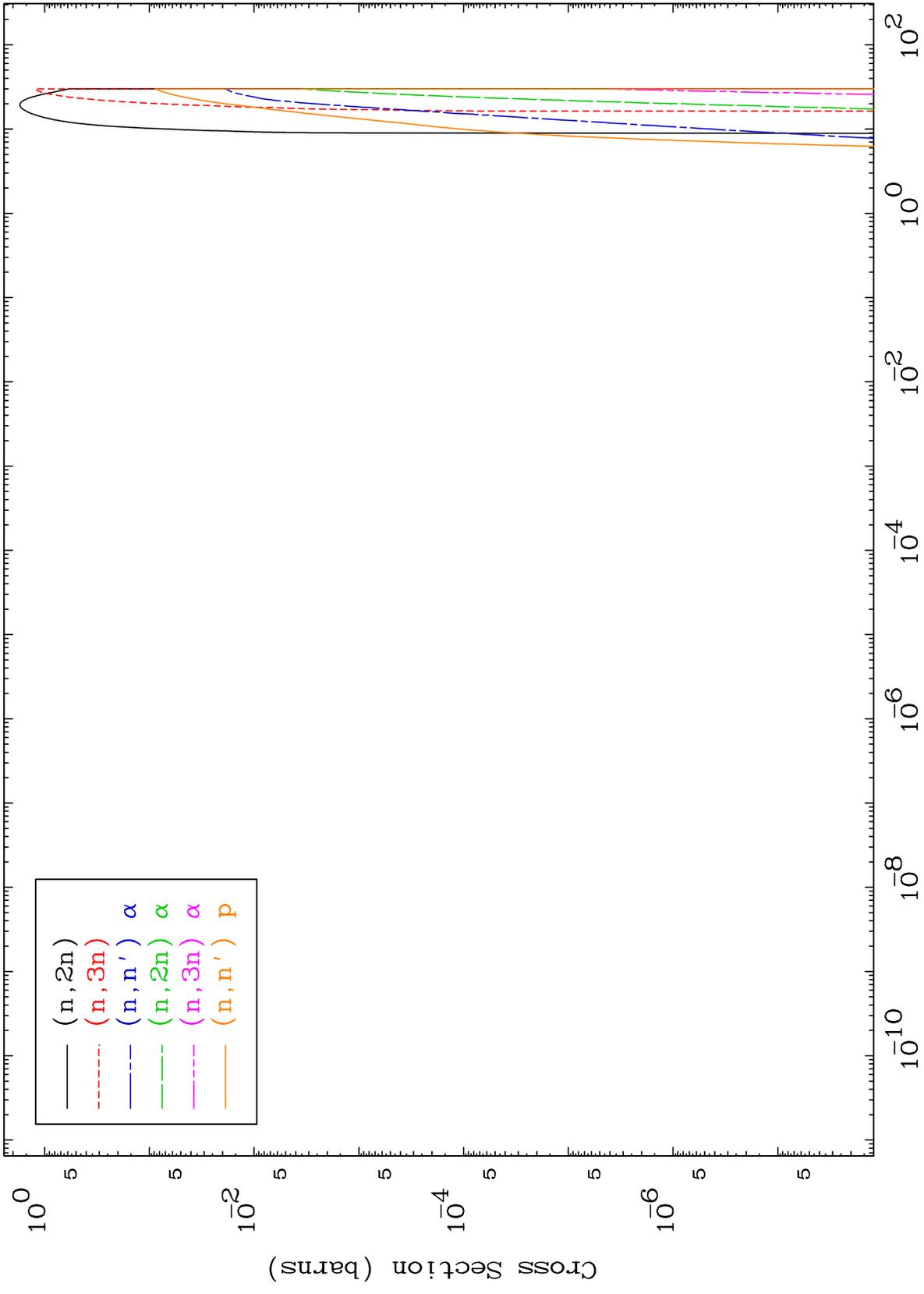


83-Bi-203

MAT 8307

Neutron Production  
293 Kelvin Cross Sections

83-Bi-203

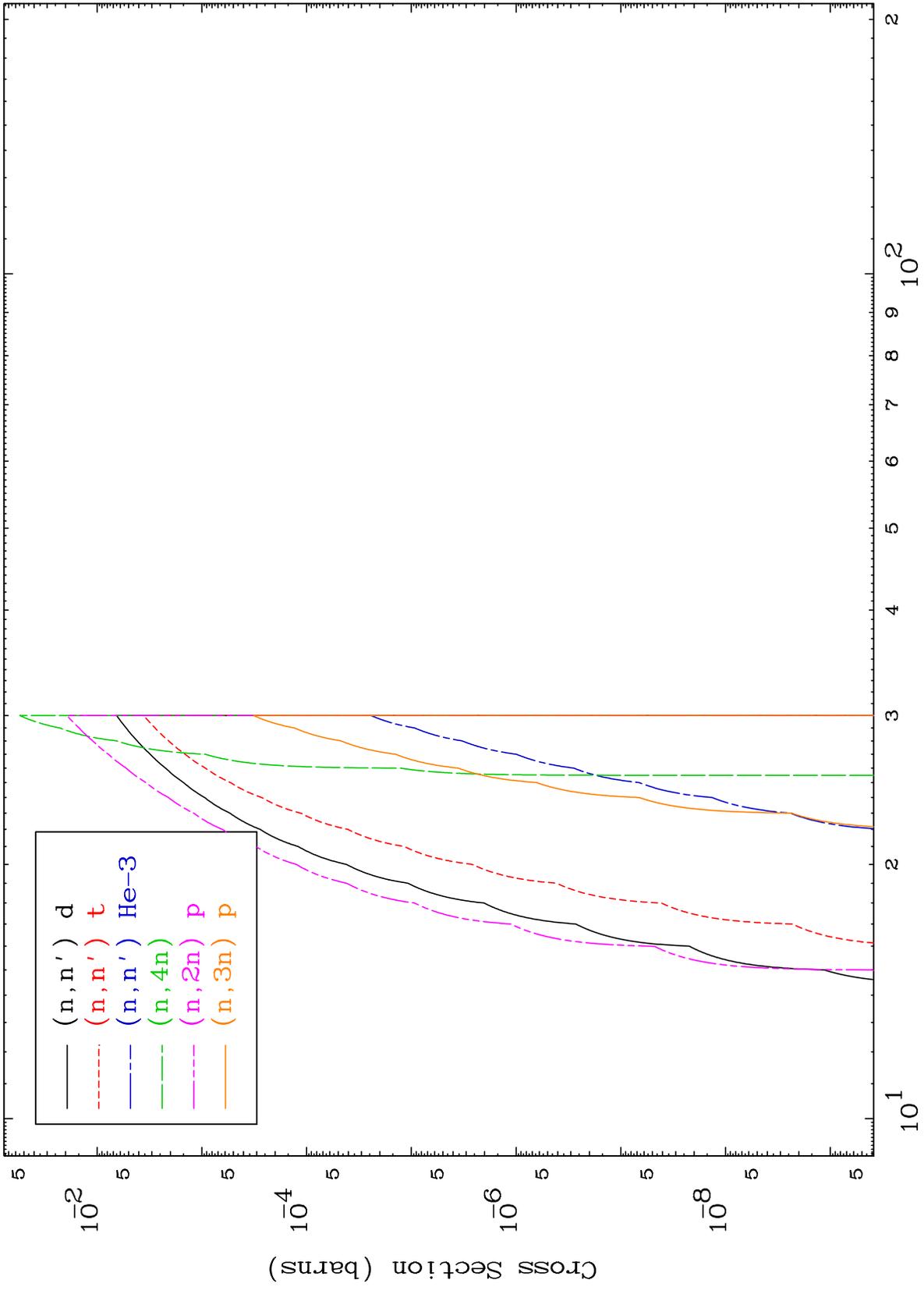


83-Bi-203

MAT 8307

Neutron Production  
293 Kelvin Cross Sections

83-Bi-203



3

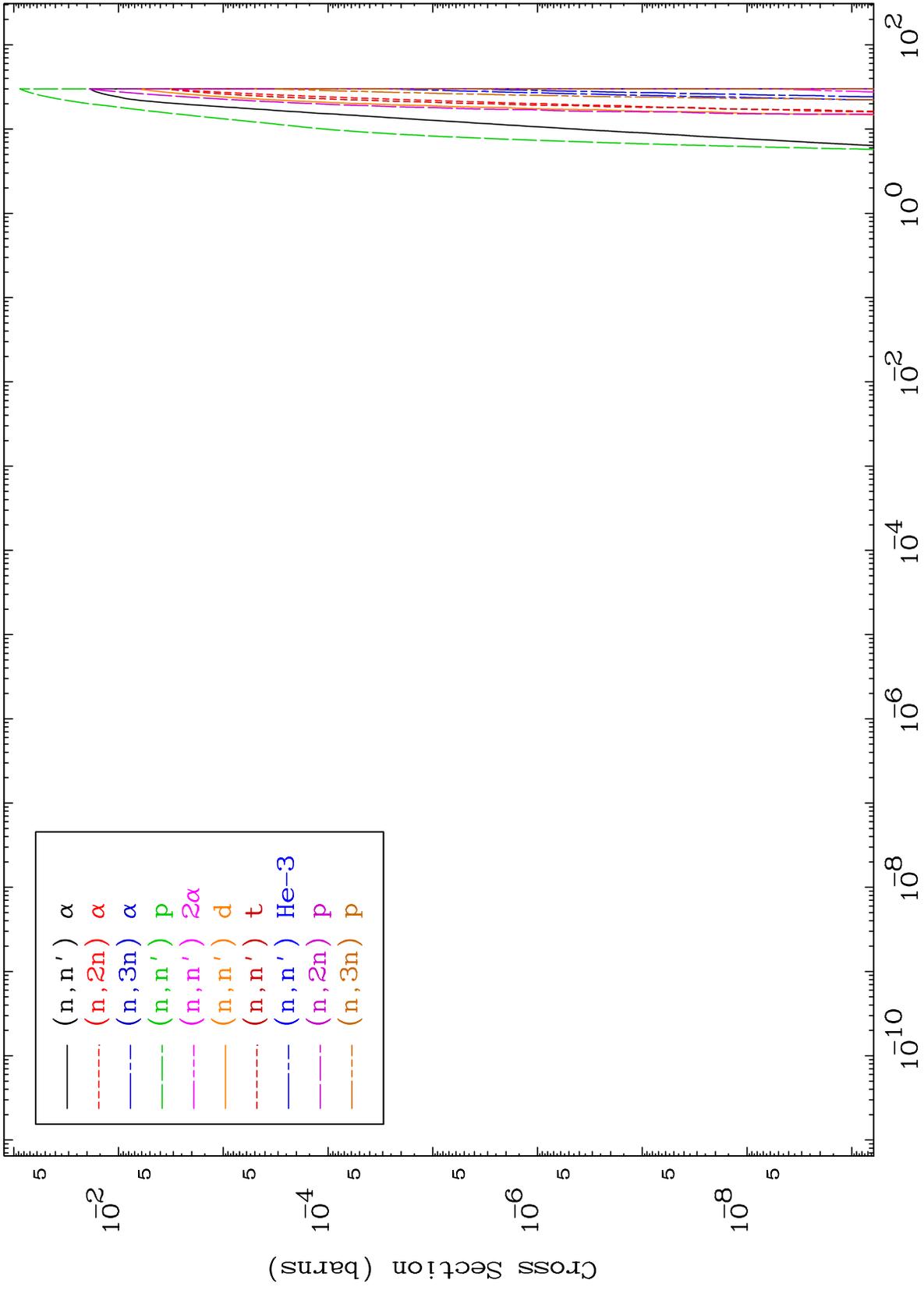
Incident Energy (MeV)

83-Bi-203

MAT 8307

Charged Particle  
293 Kelvin Cross Sections

83-Bi-203

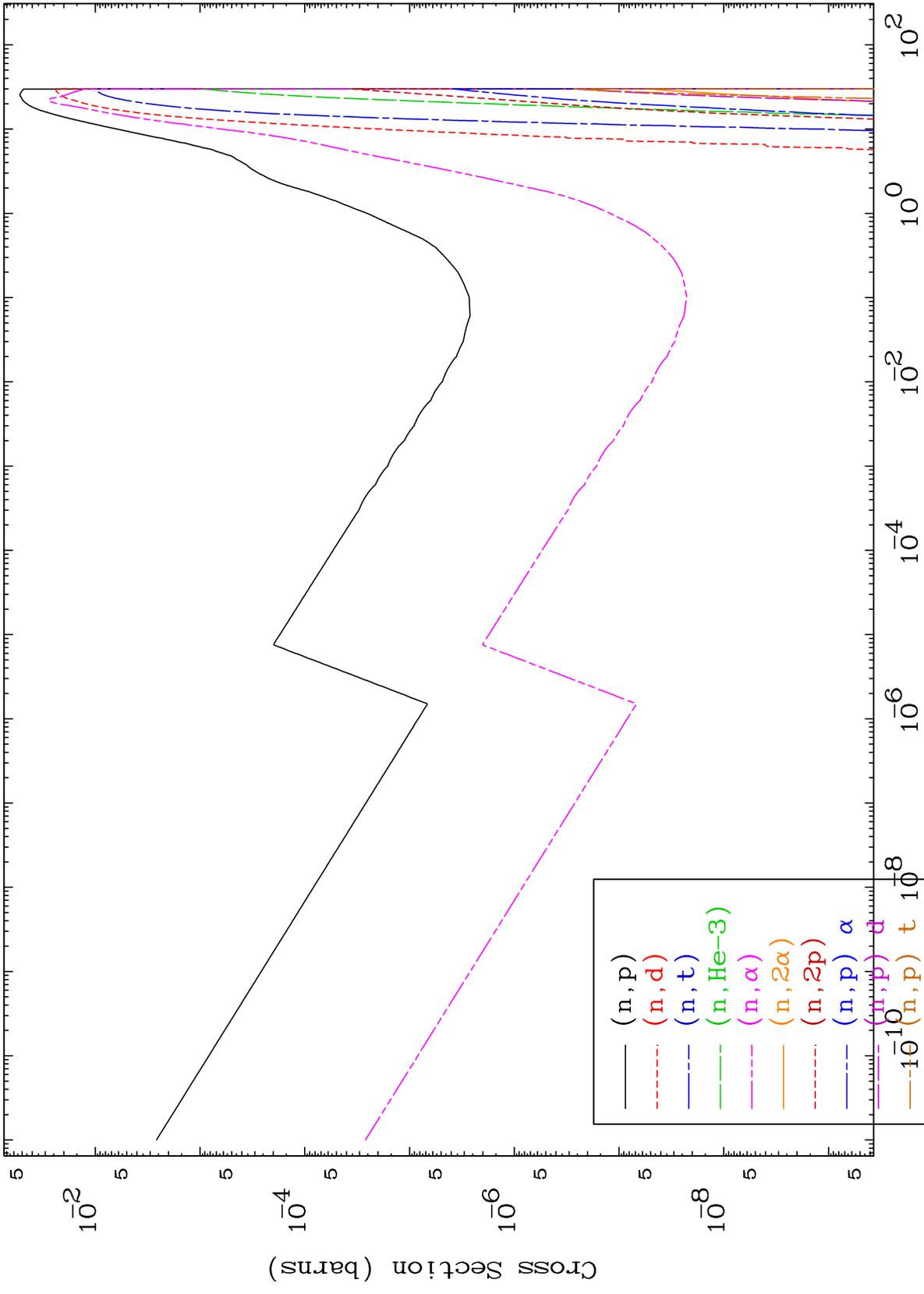


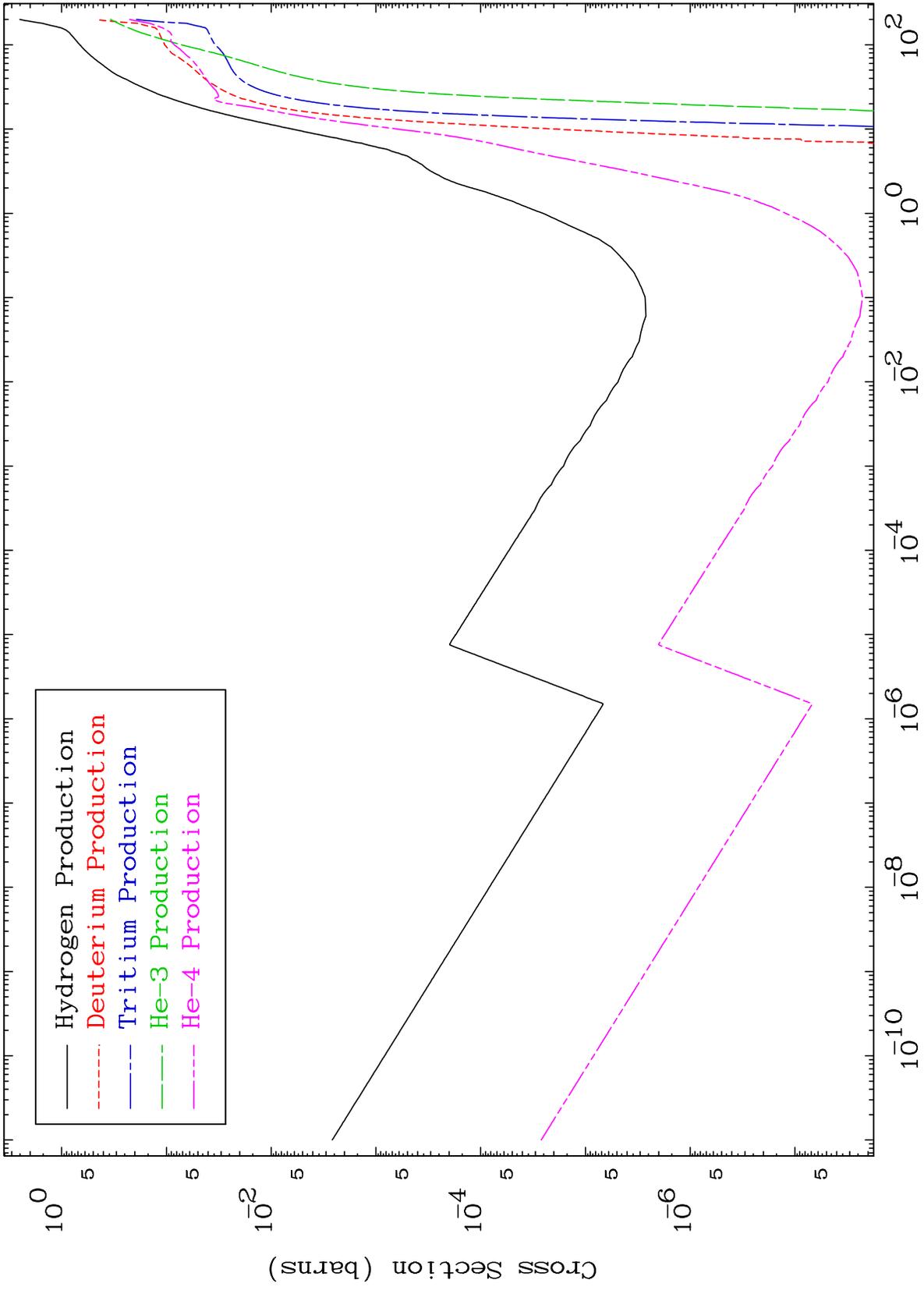
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MAT 8307

Charged Particle  
293 Kelvin Cross Sections

83-Bi-203



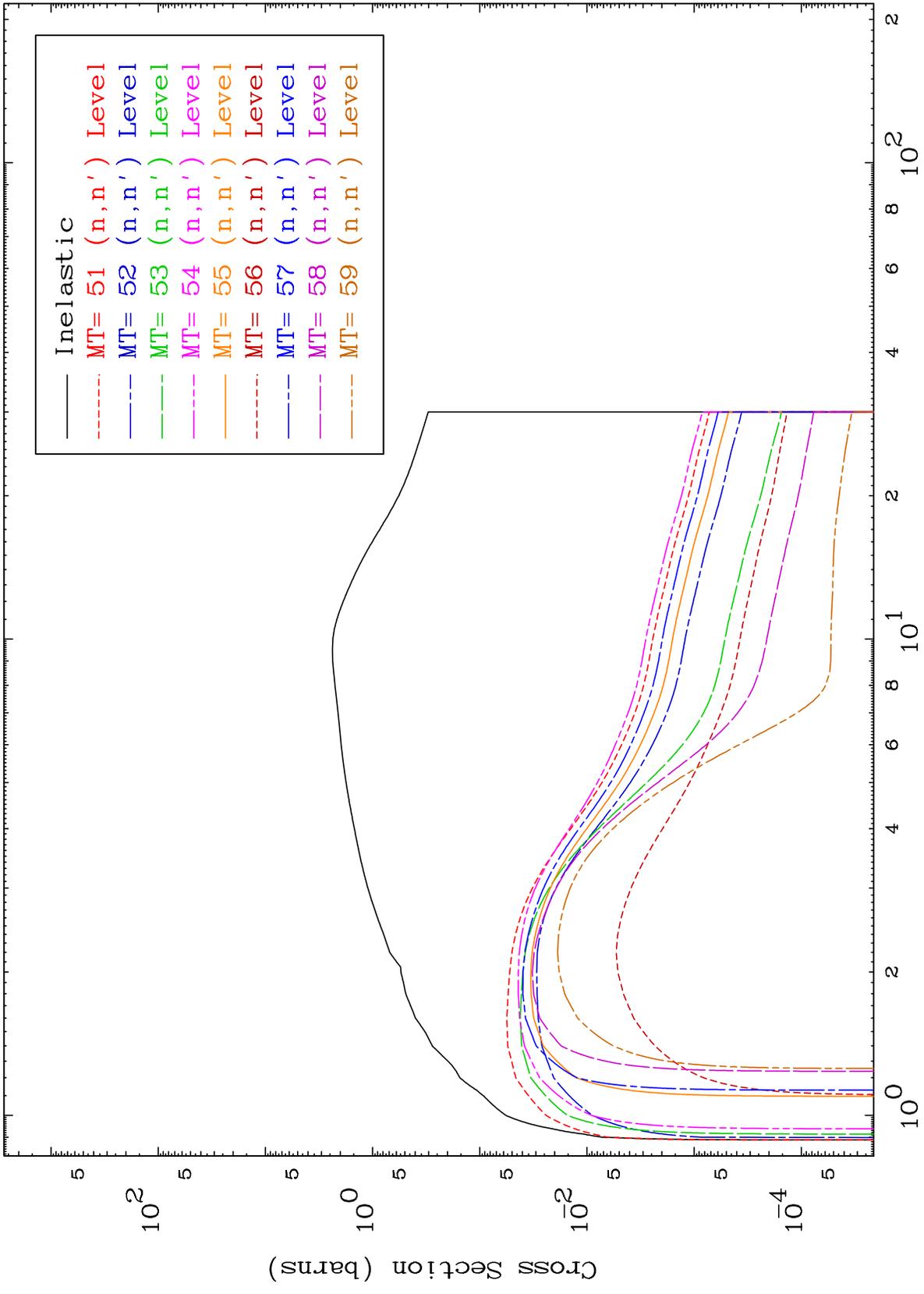


MAT 8307

(n,n') Level

83-Bi-203

293 Kelvin Cross Sections



7

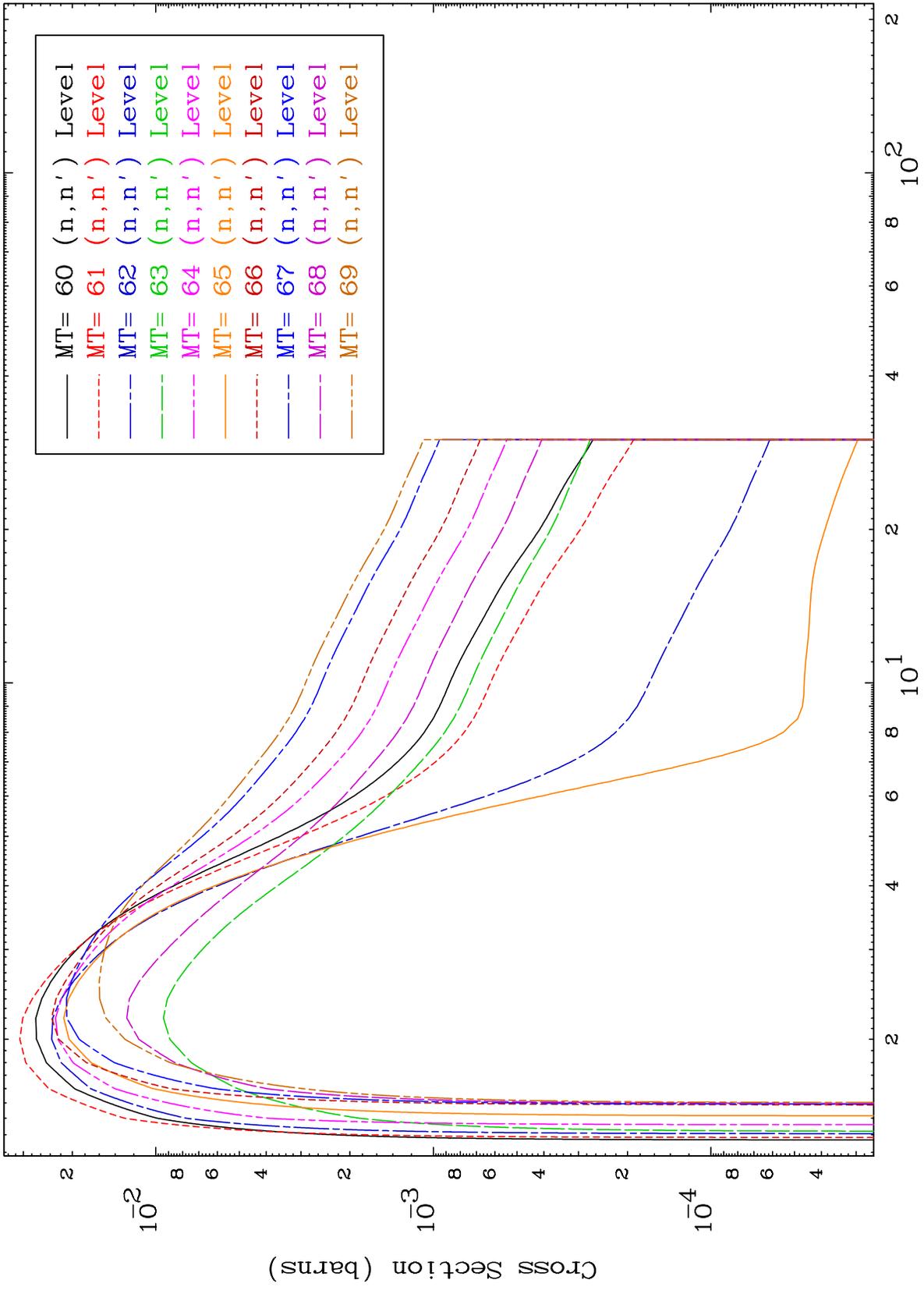
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MAT 8307

(n,n') Level  
293 Kelvin Cross Sections

83-Bi-203



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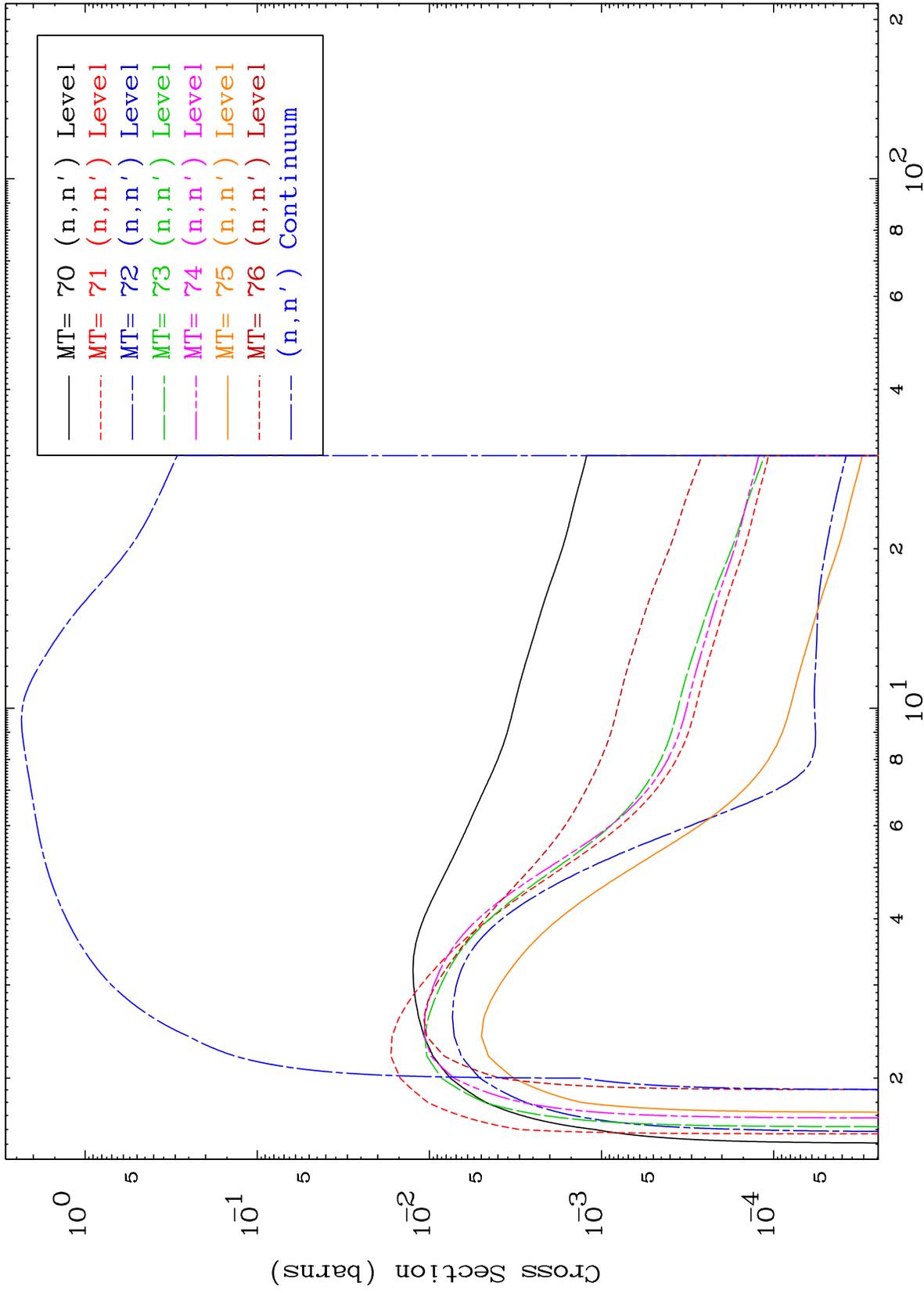
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83-Bi-203

MAT 8307

(n,n') Level  
293 Kelvin Cross Sections

83-Bi-203



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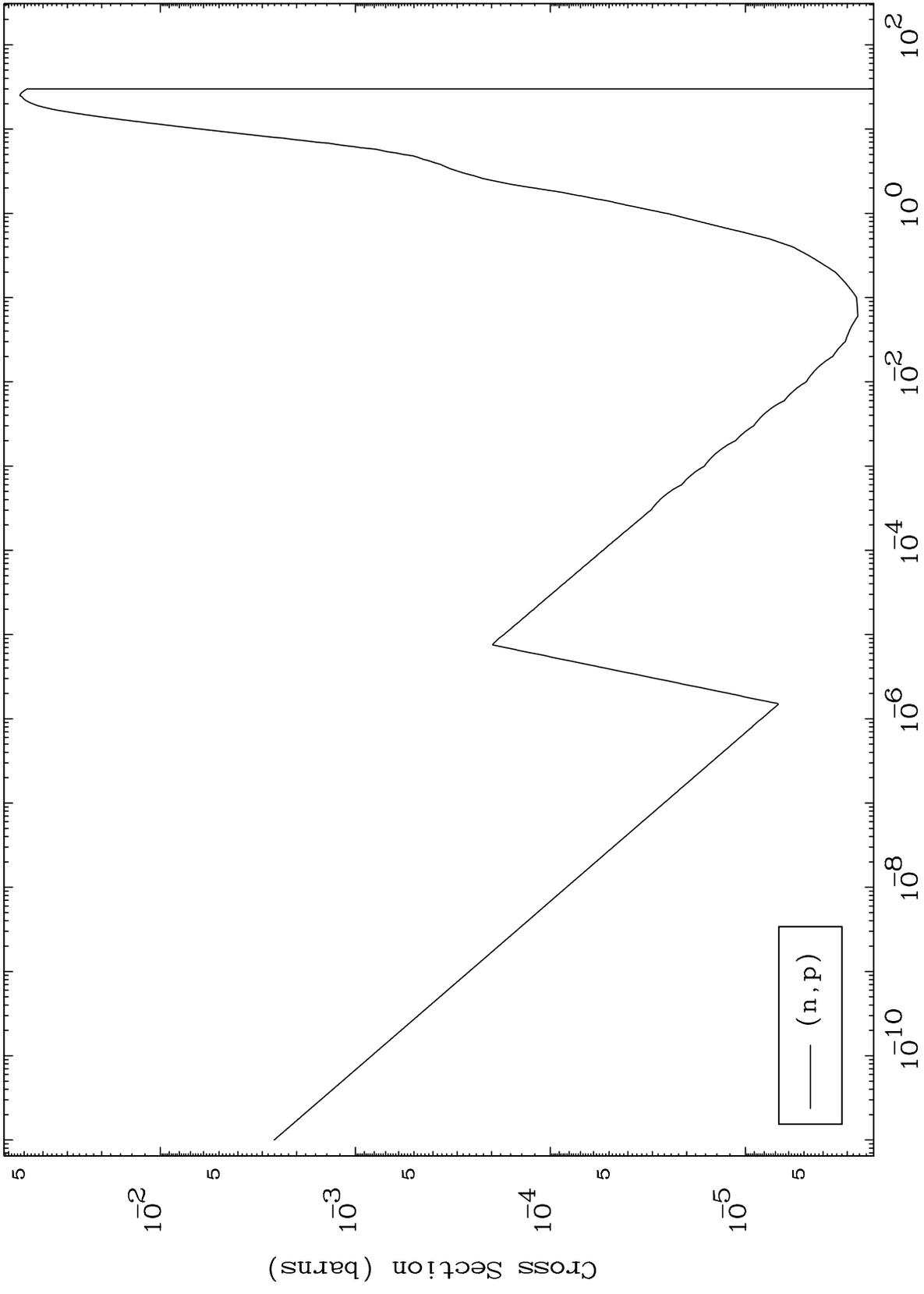
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83-Bi-203

MAT 8307

(n,p) Levels  
293 Kelvin Cross Sections

83-Bi-203



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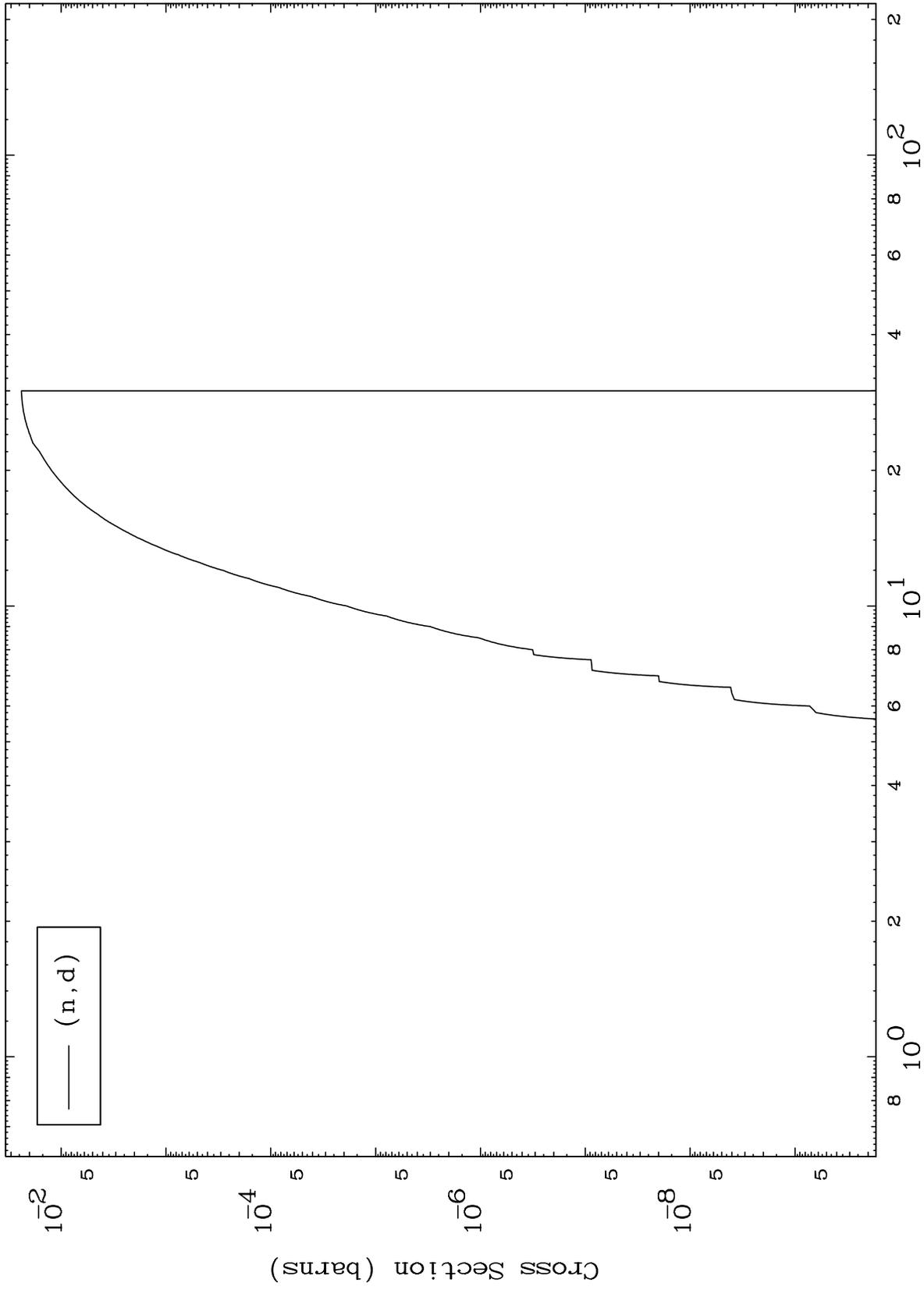
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83-Bi-203

MAT 8307

(n,d) Levels  
293 Kelvin Cross Sections

83-Bi-203



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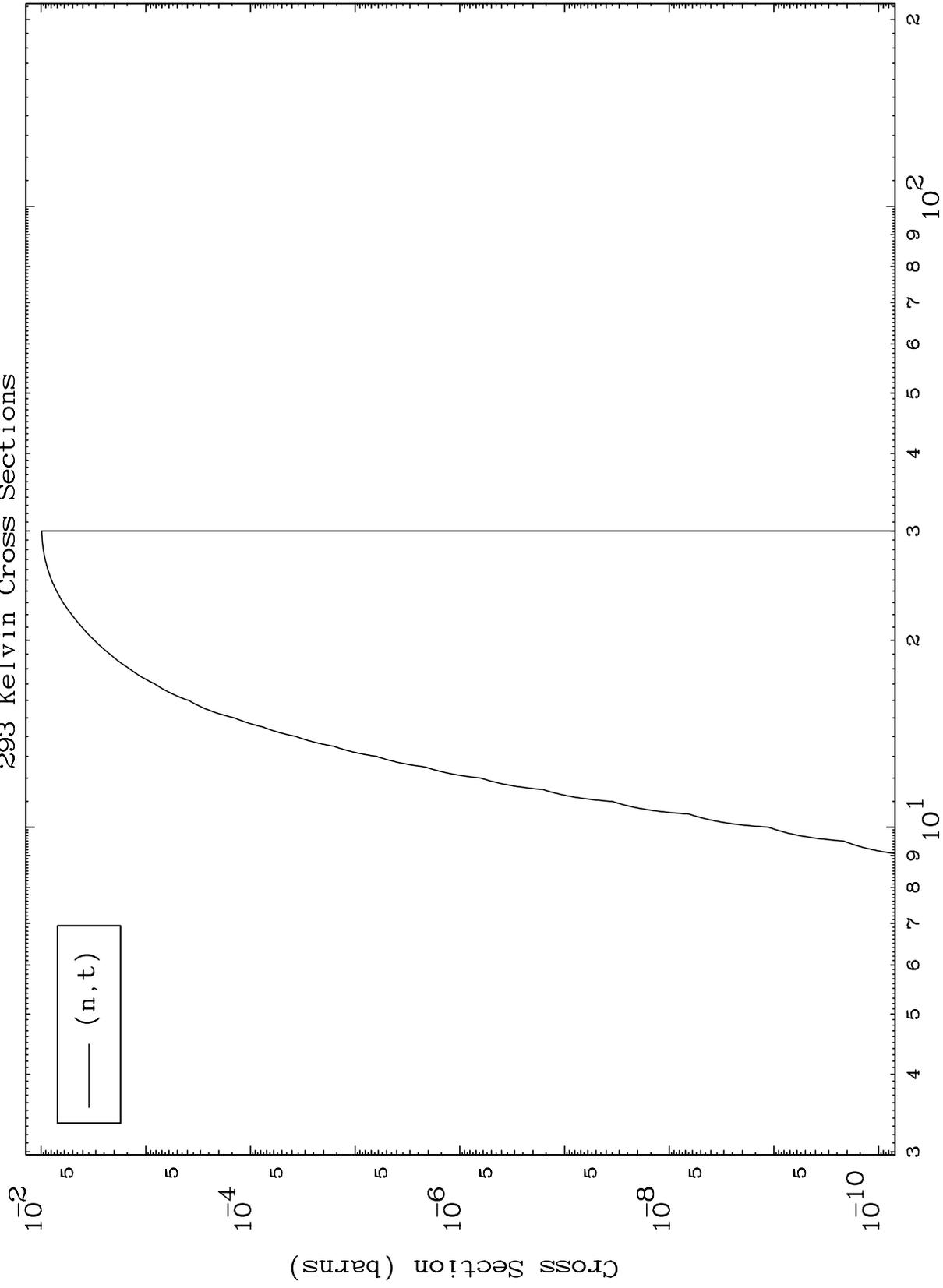
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83-Bi-203

MAT 8307

83-Bi-203

(n,t) Levels  
293 Kelvin Cross Sections



12

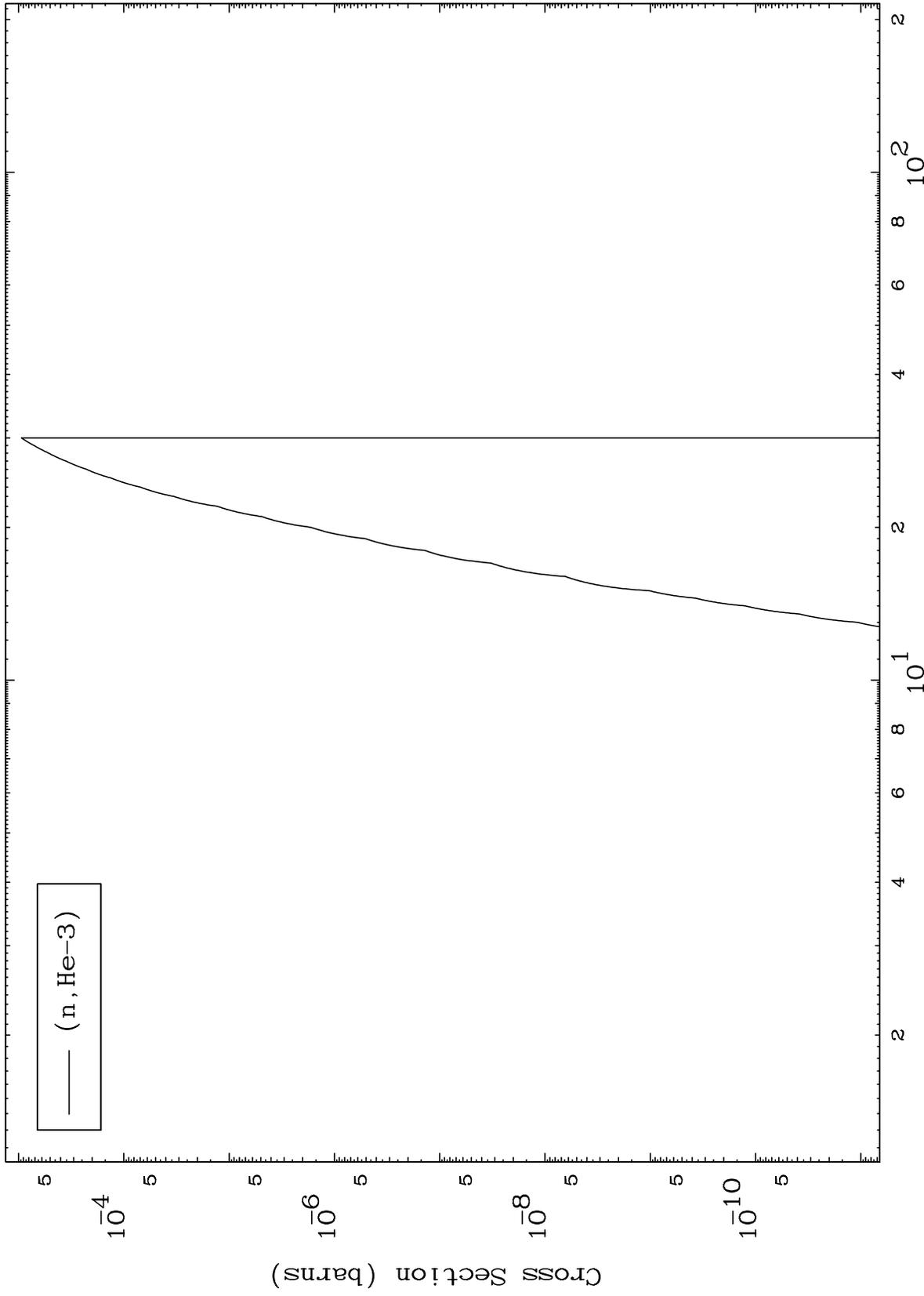
Incident Energy (MeV)

83-Bi-203

MAT 8307

(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-203



13

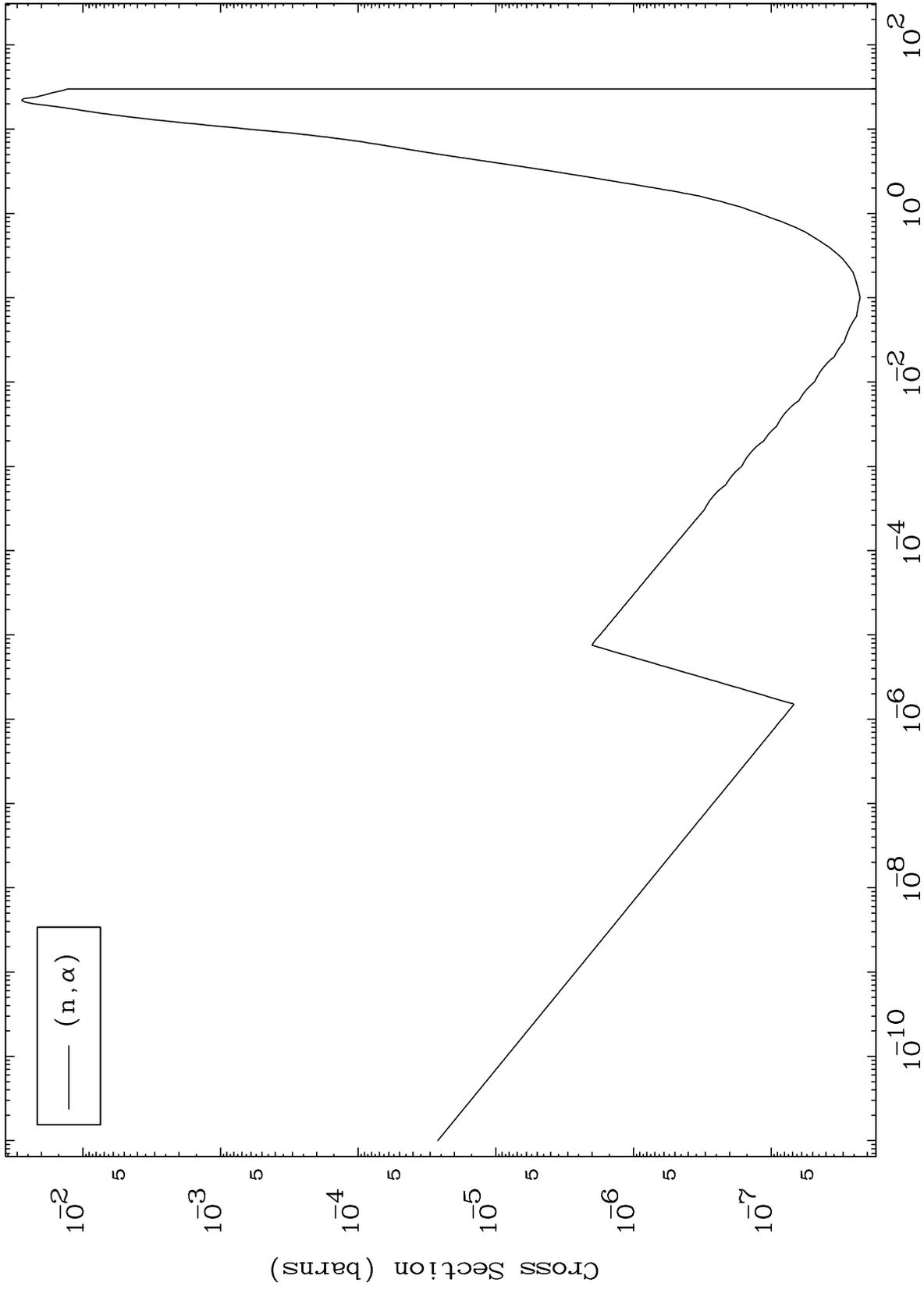
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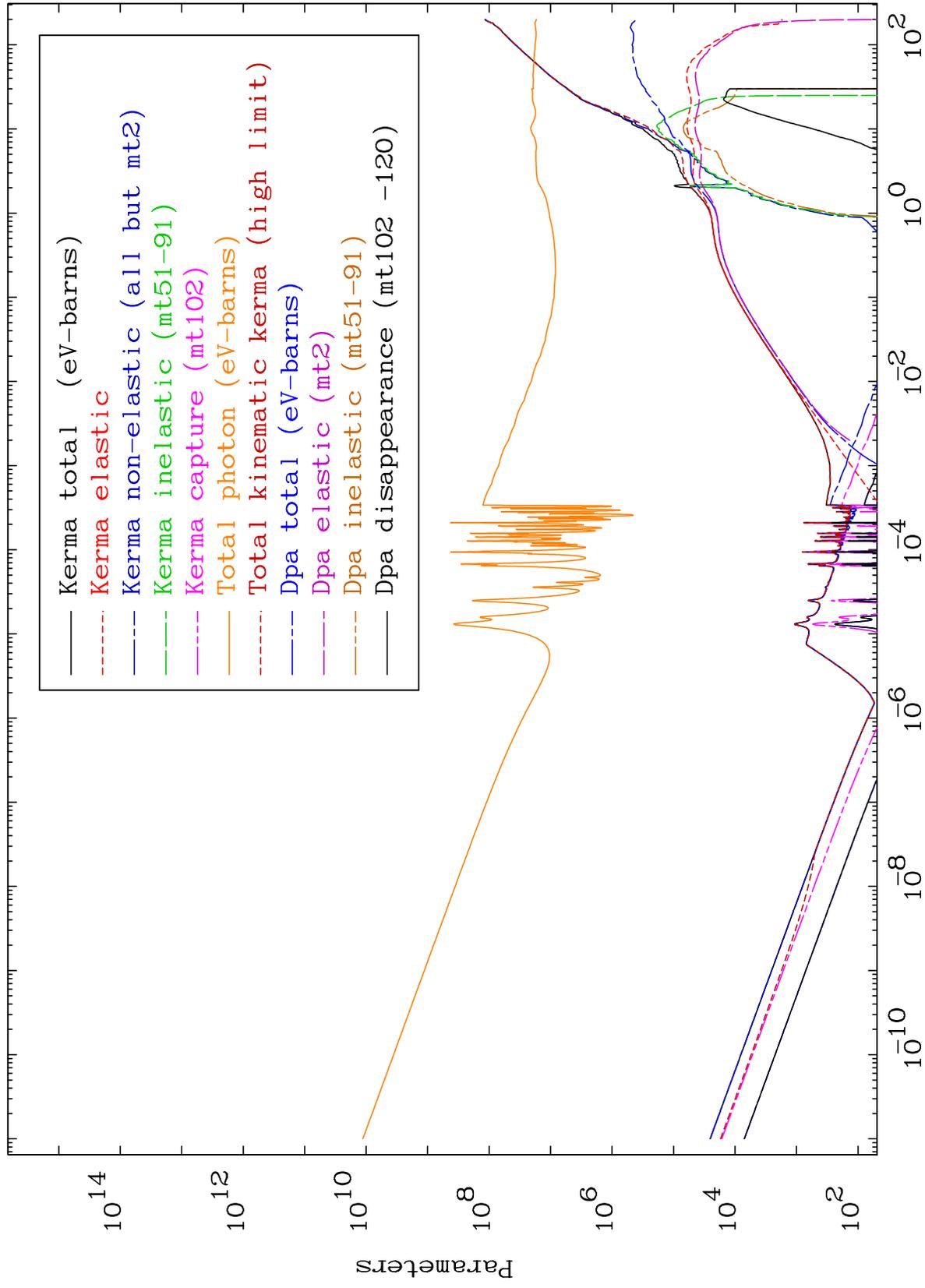
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MAT 8307

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

83-Bi-203

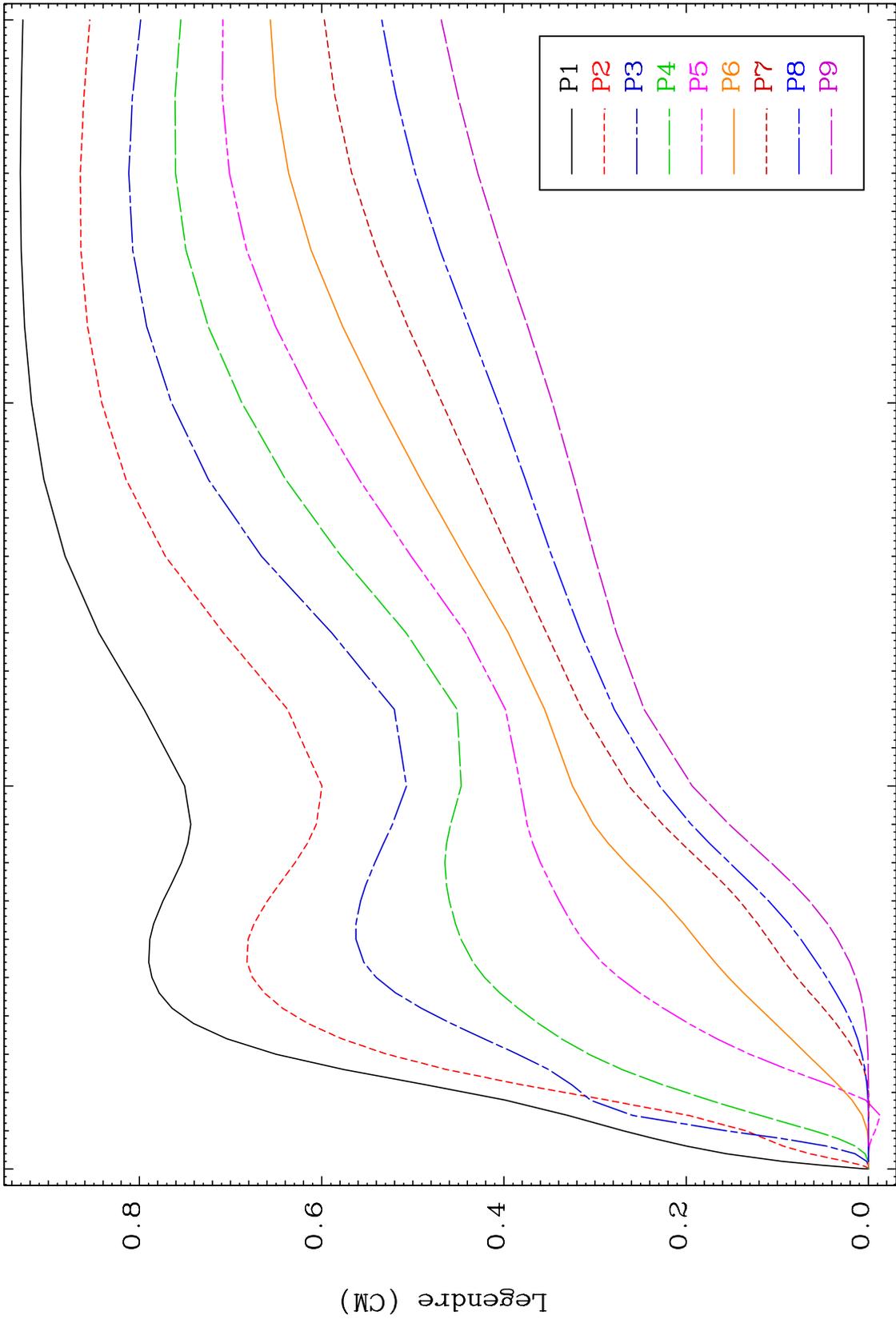




MAT 8307

83-Bi-203

Elastic Legendre Coefficients



16

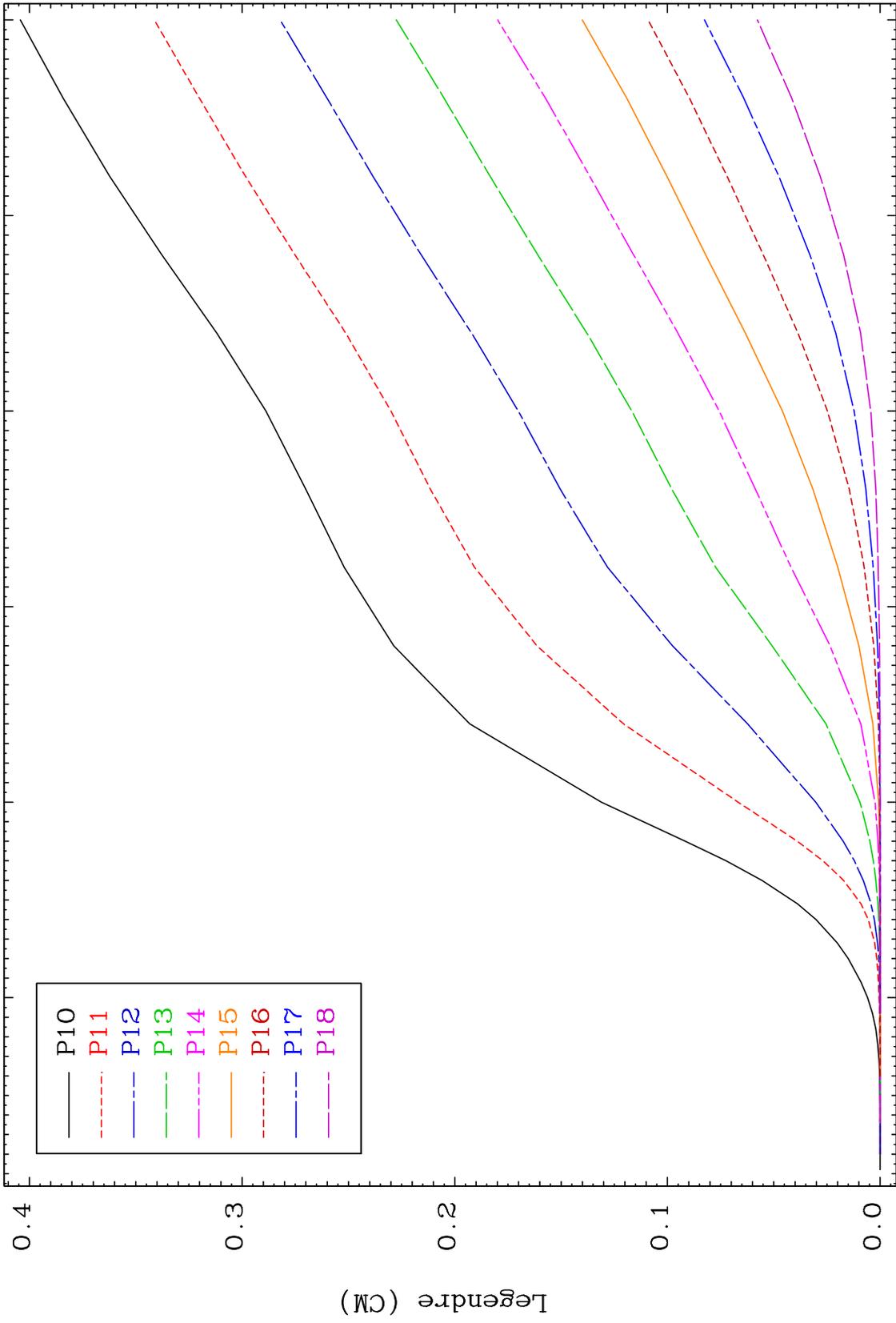
Incident Energy (MeV)

83-Bi-203

MAT 8307

Elastic Legendre Coefficients

83-Bi-203



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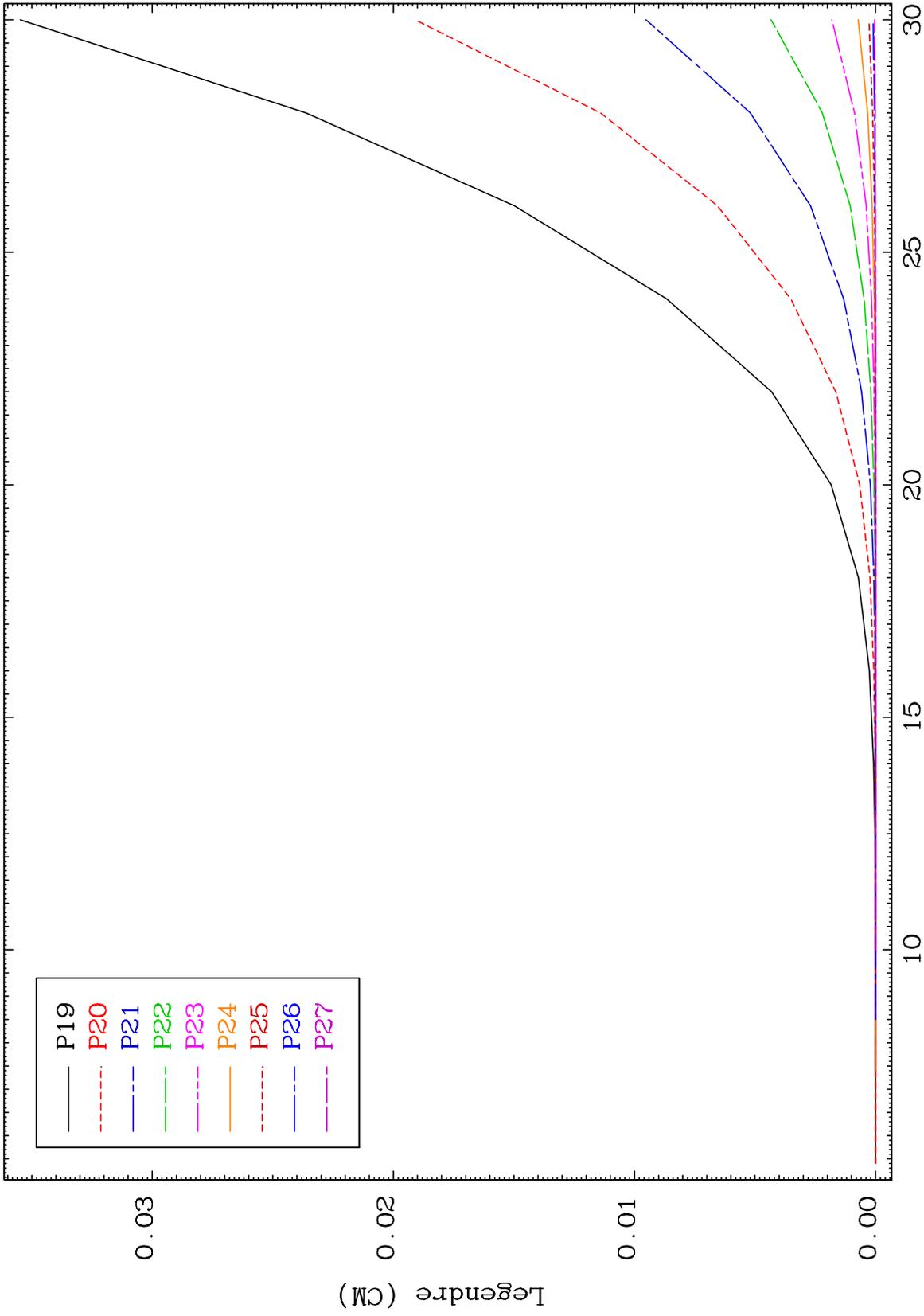
Incident Energy (MeV)

83-Bi-203

MAT 8307

### Elastic Legendre Coefficients

83-Bi-203



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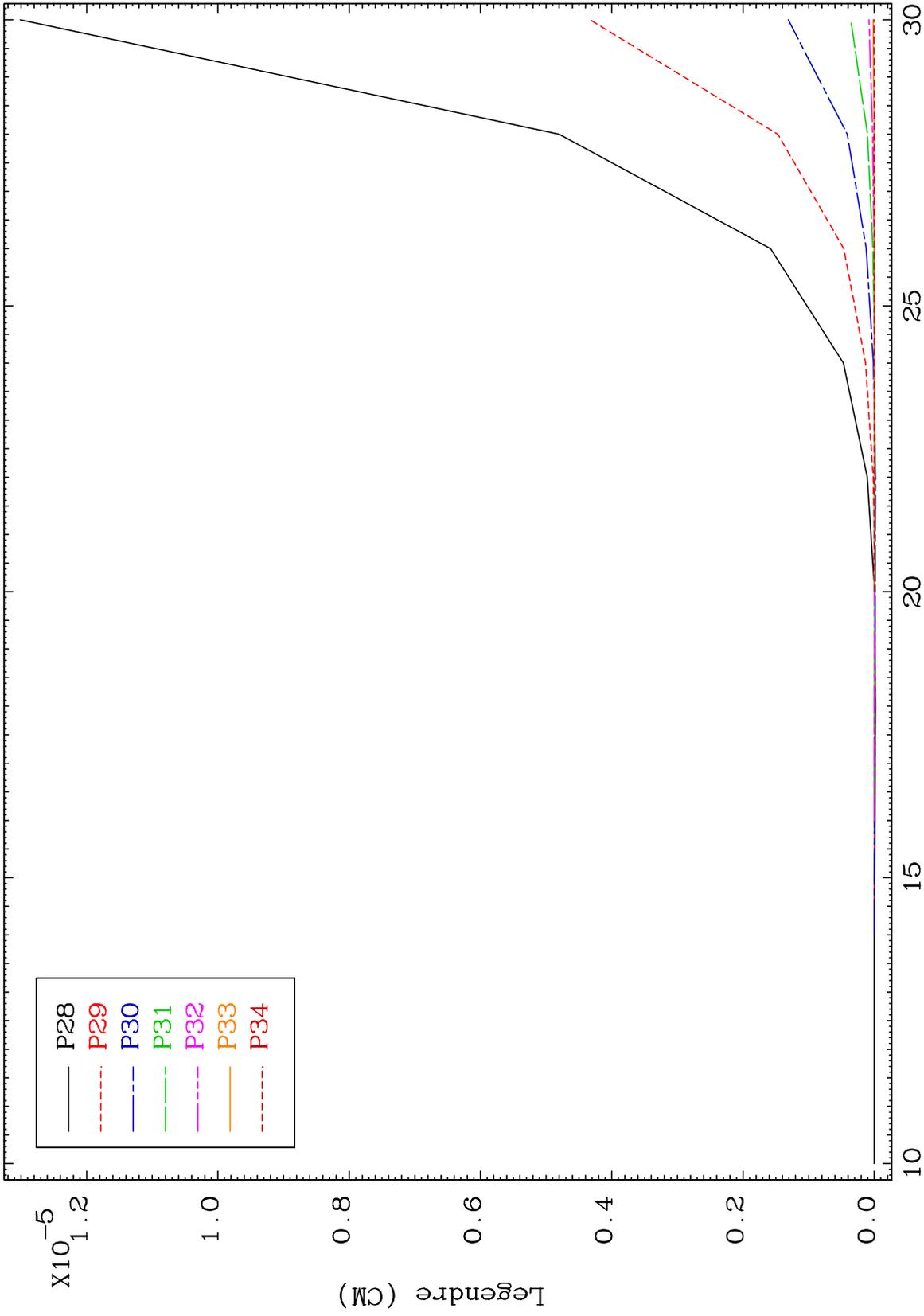
Incident Energy (MeV)

83-Bi-203

MAT 8307

### Elastic Legendre Coefficients

83-Bi-203



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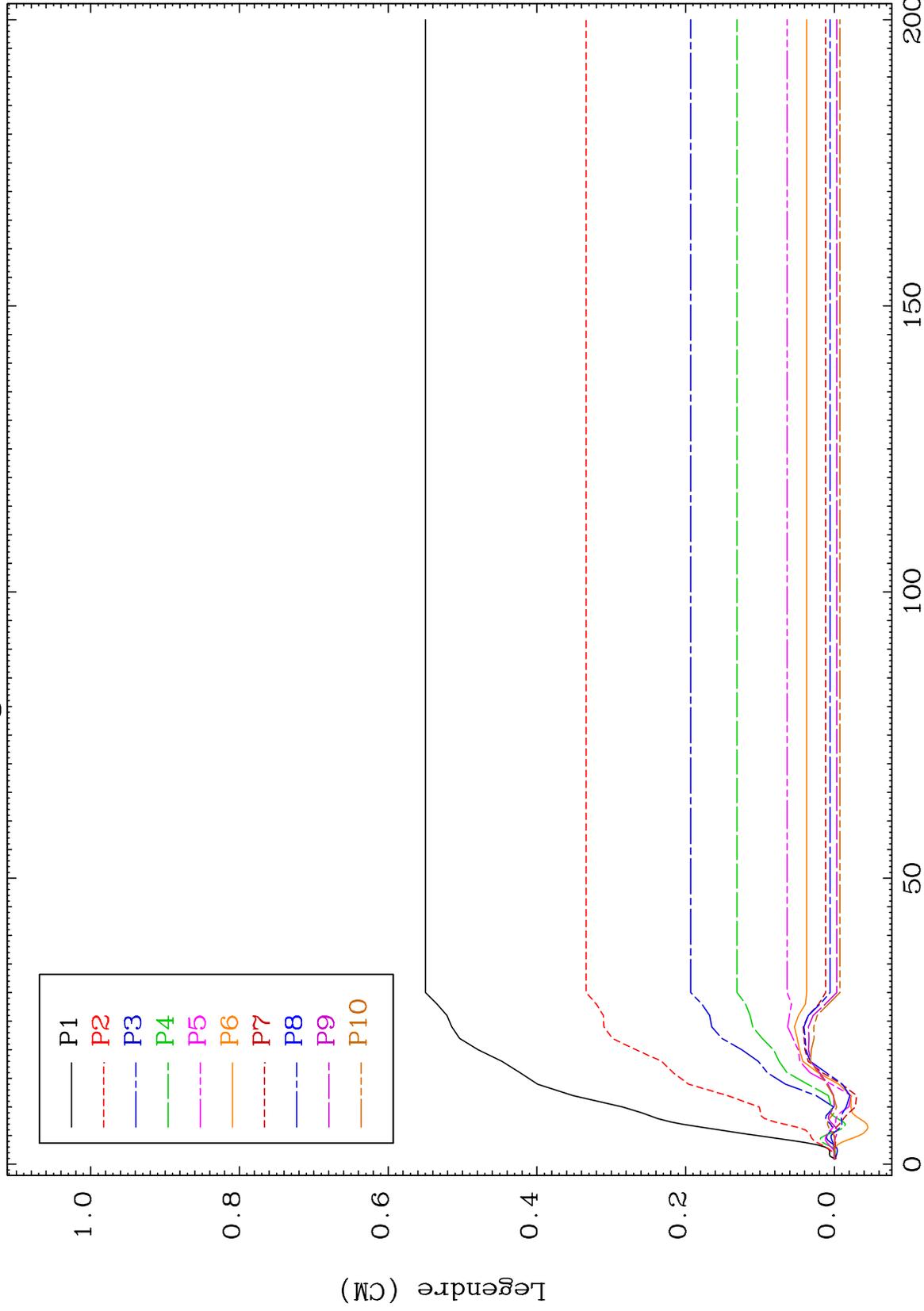
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 51 (n,n') Level  
Legendre Coefficients

83-Bi-203



83-Bi-203

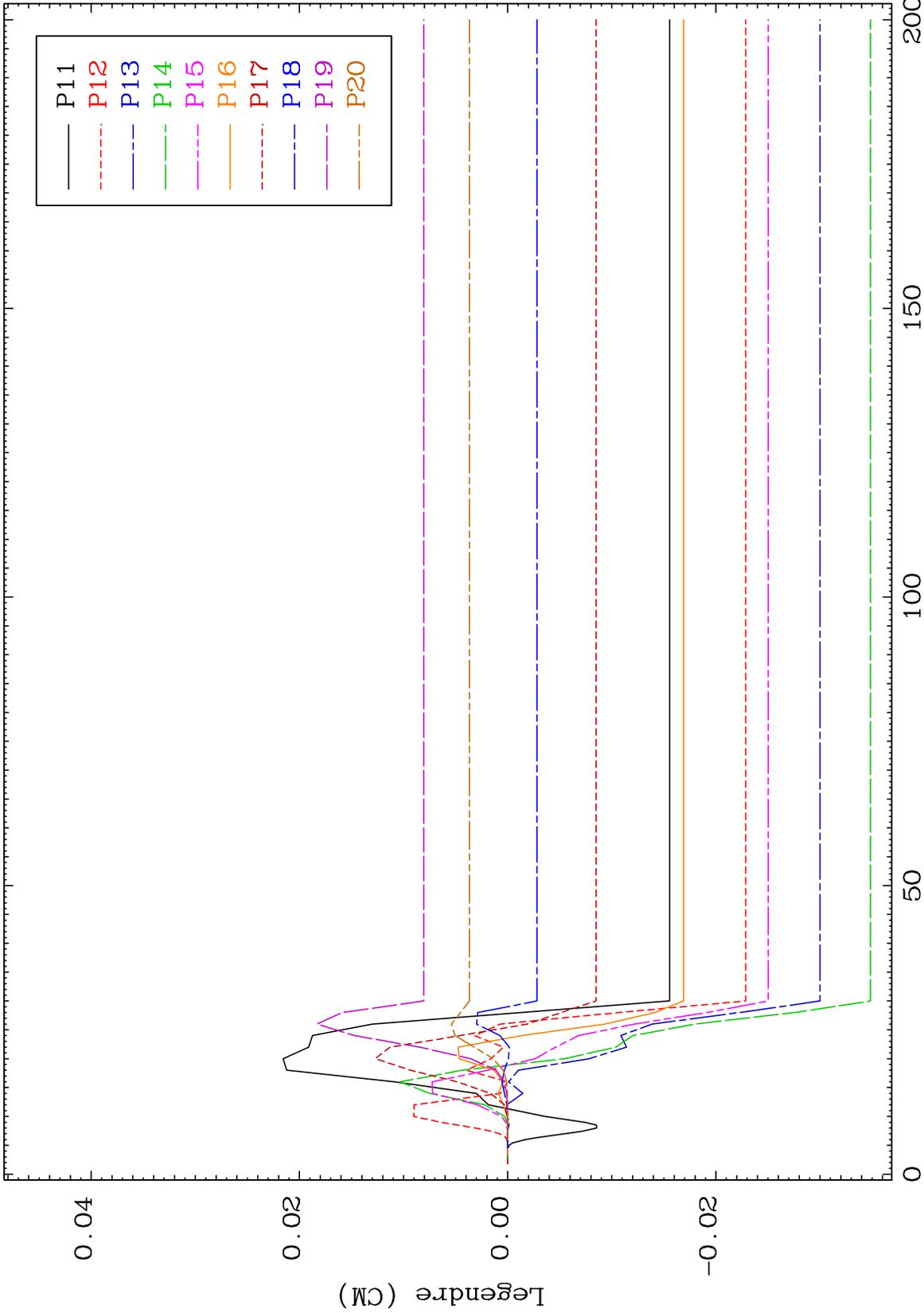
Incident Energy (MeV)

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MAT 8307

MT= 51 (n,n') Level  
Legendre Coefficients

83-Bi-203



21

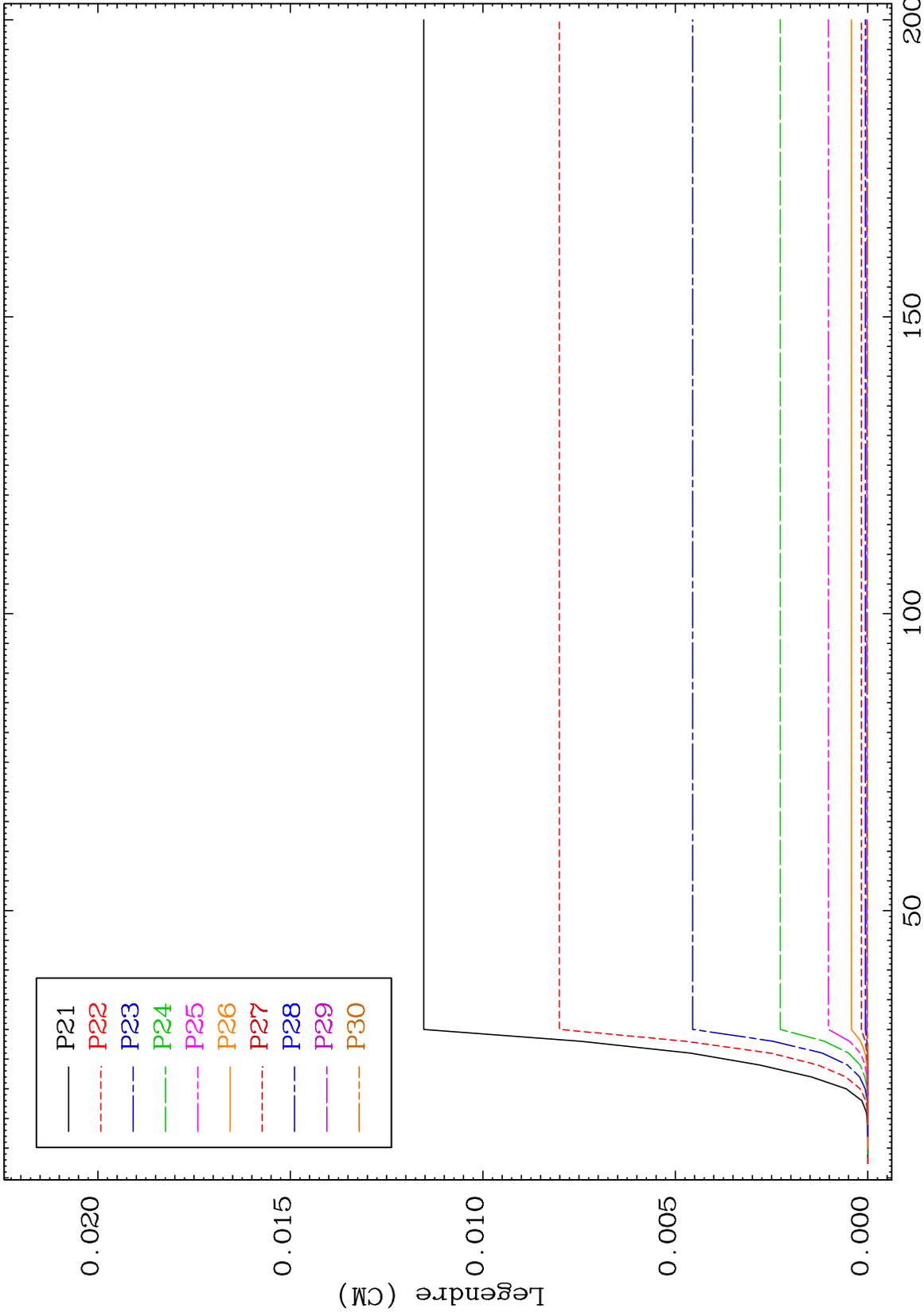
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 51 (n,n') Level  
Legendre Coefficients

83-Bi-203



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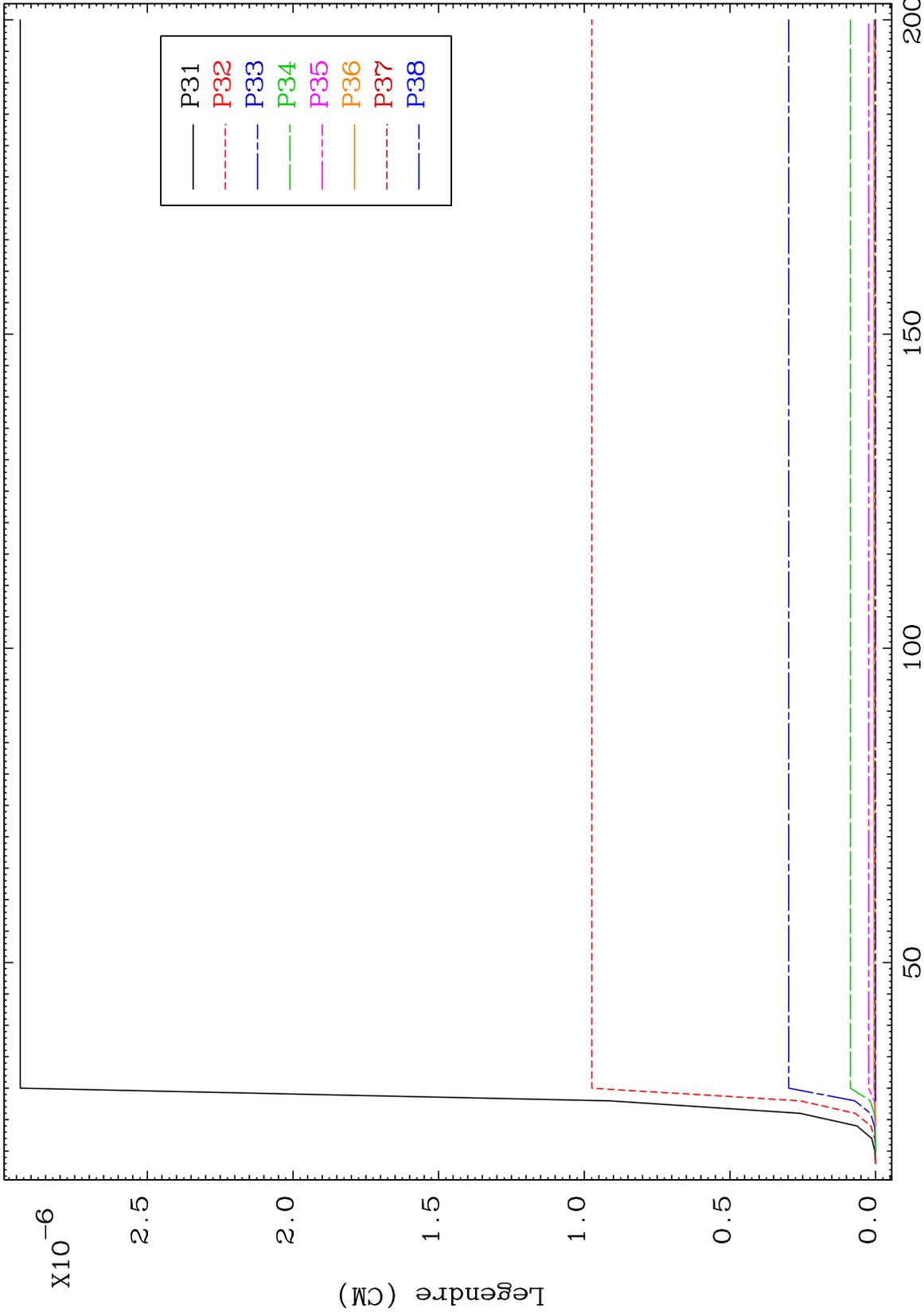
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 51 (n,n') Level  
Legendre Coefficients

83-Bi-203



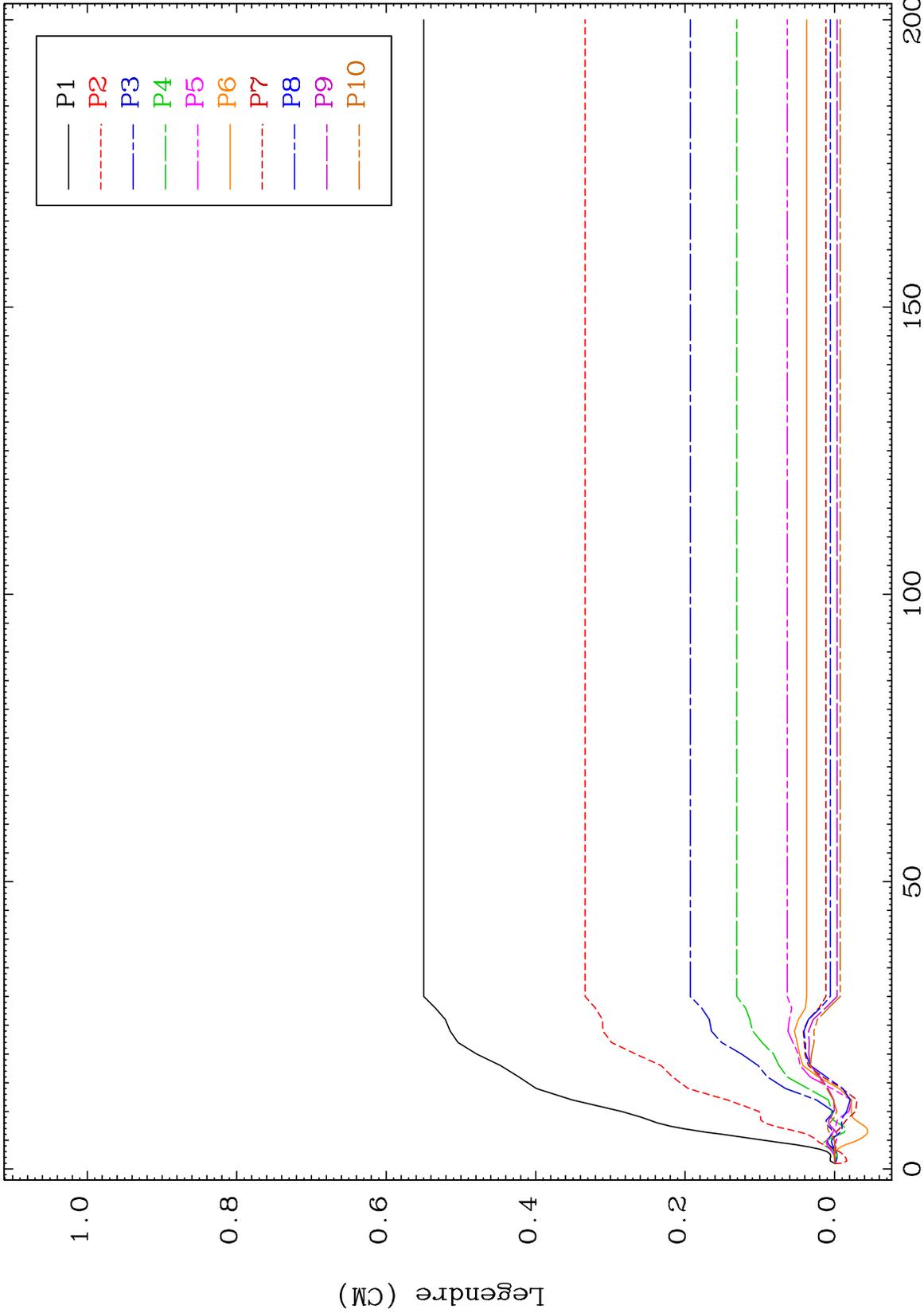
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83-Bi-203

MAT 8307

MT= 52 (n,n') Level  
Legendre Coefficients

83-Bi-203



24

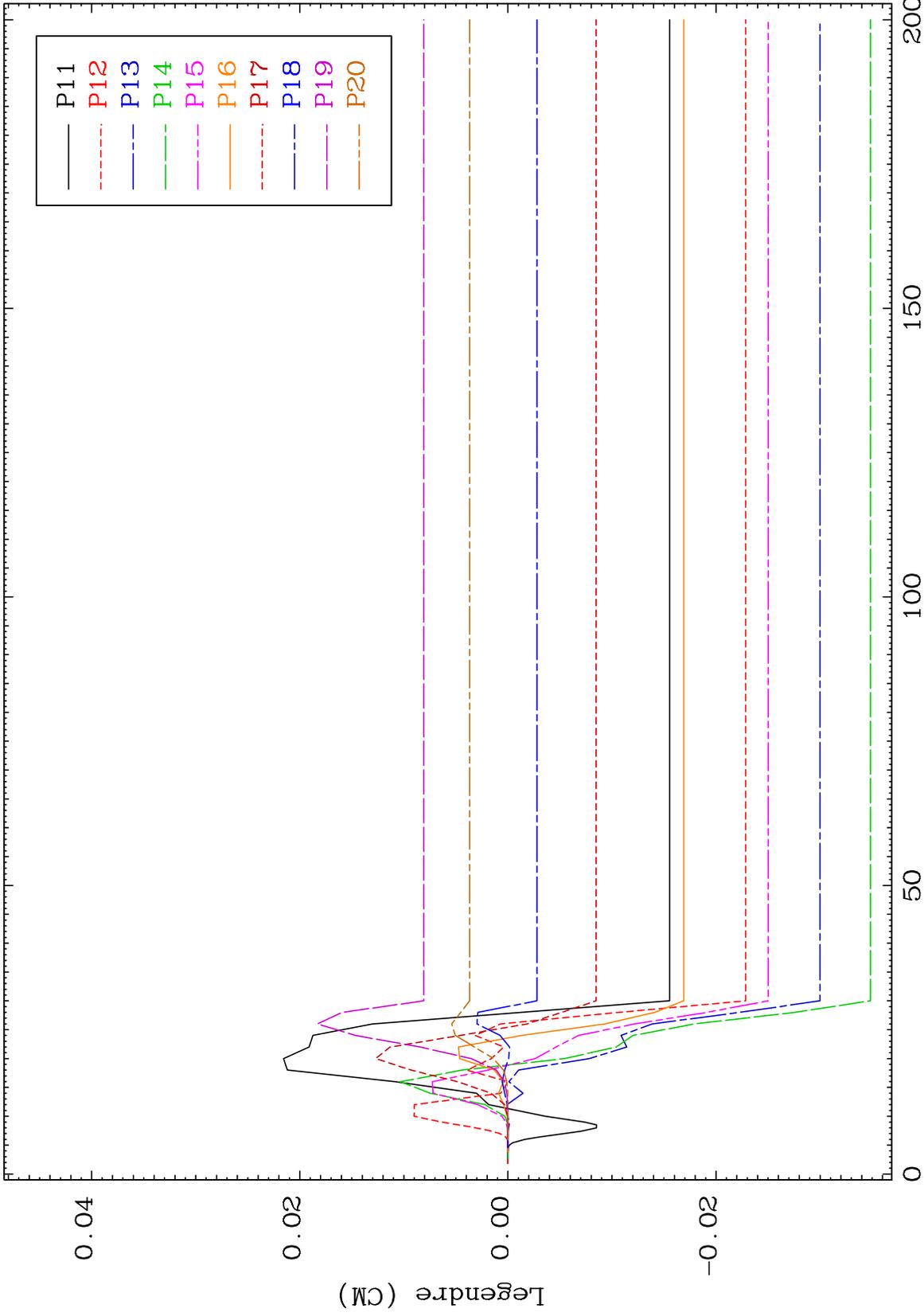
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 52 (n,n') Level  
Legendre Coefficients

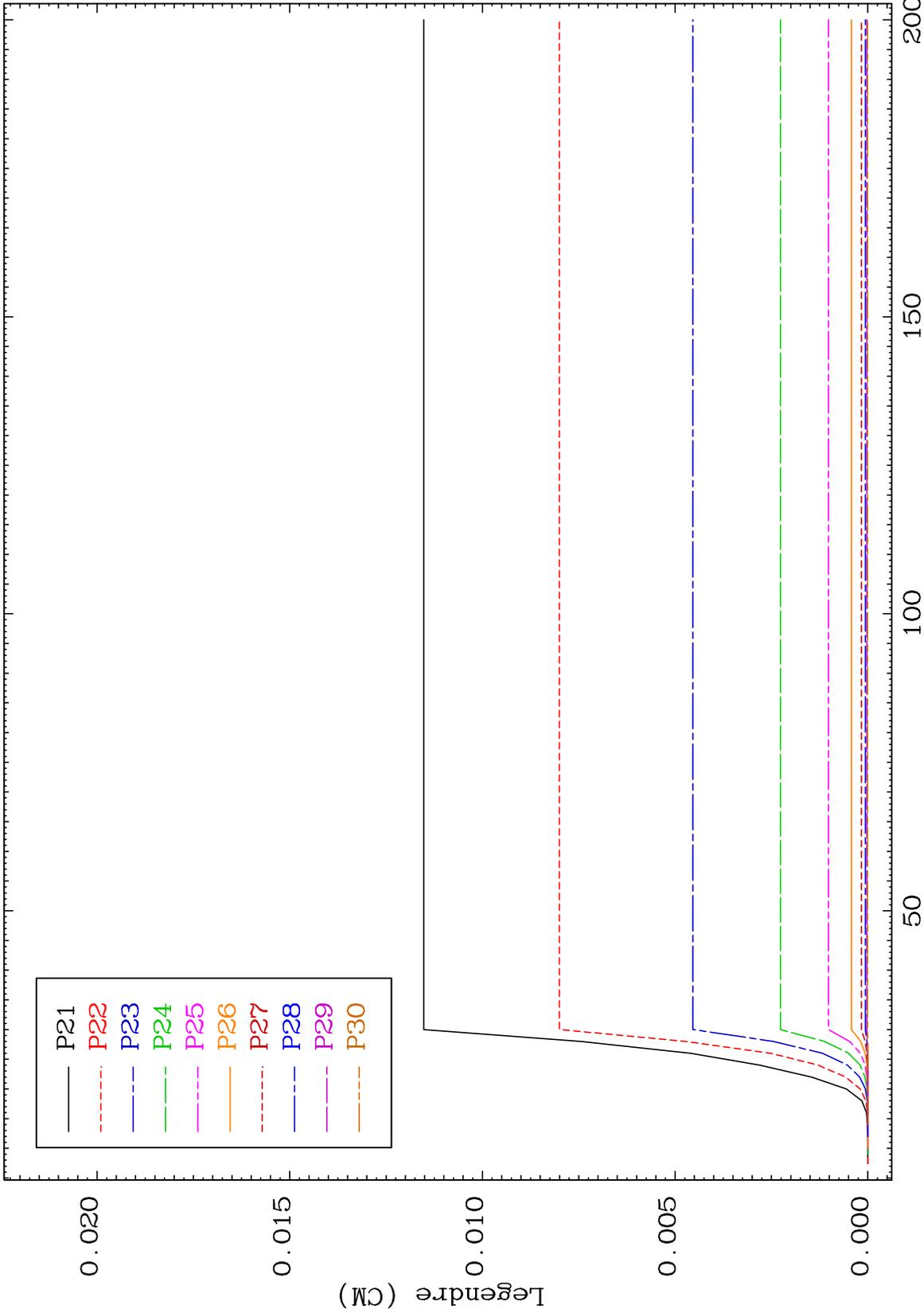
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Incident Energy (MeV)

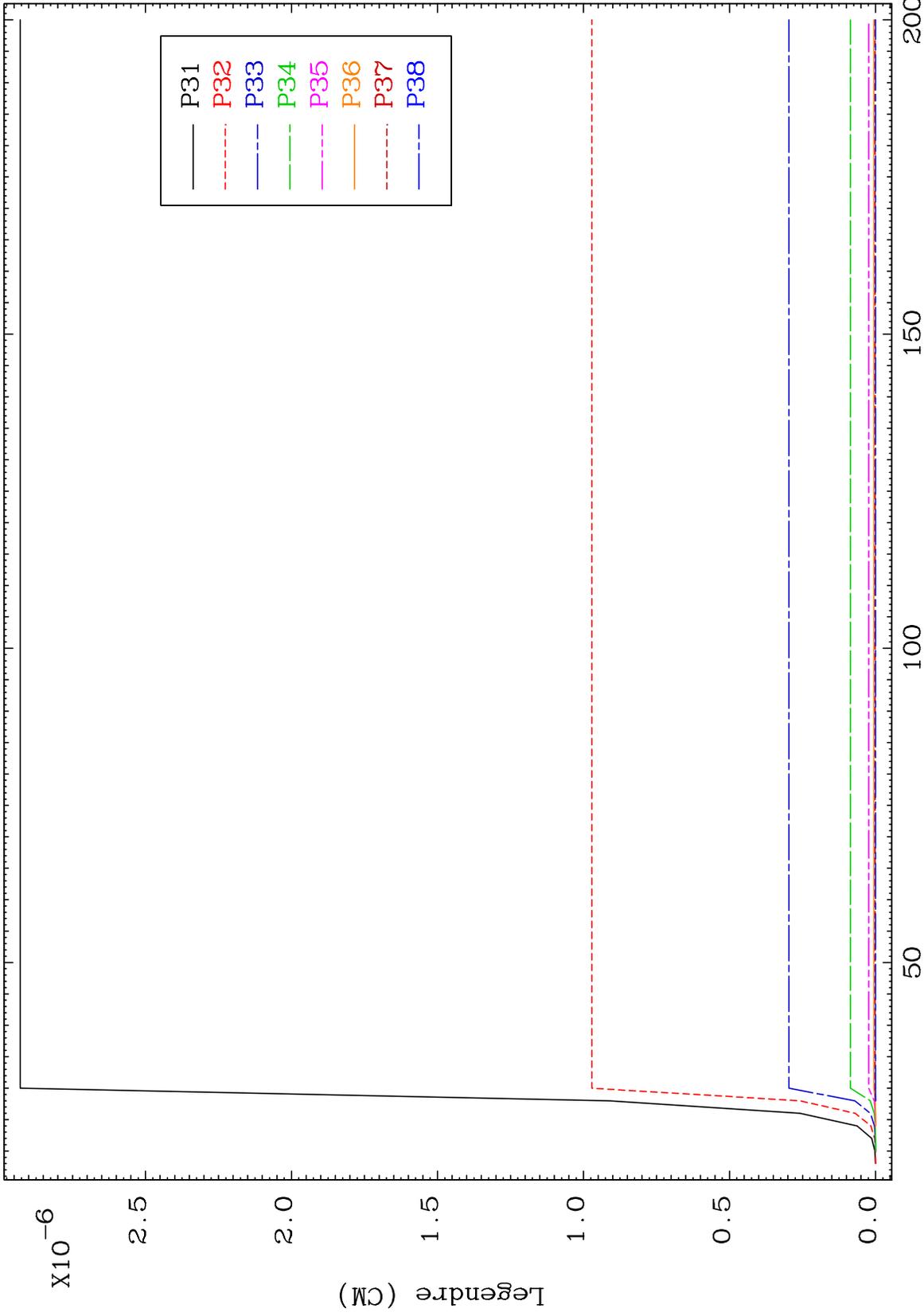
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MAT 8307

MT= 52 (n,n') Level  
Legendre Coefficients

83-Bi-203



27

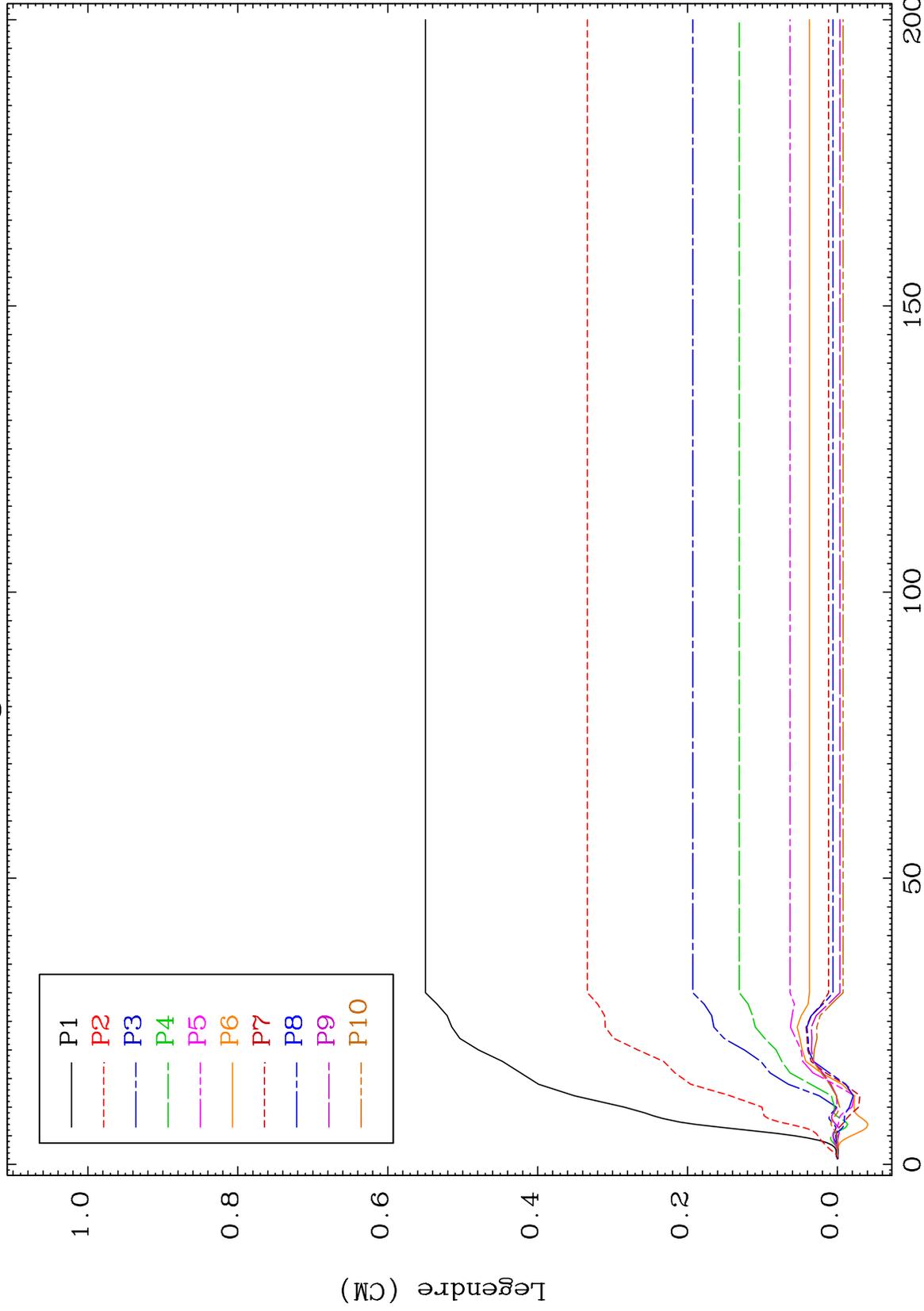
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 53 (n,n') Level  
Legendre Coefficients

83-Bi-203



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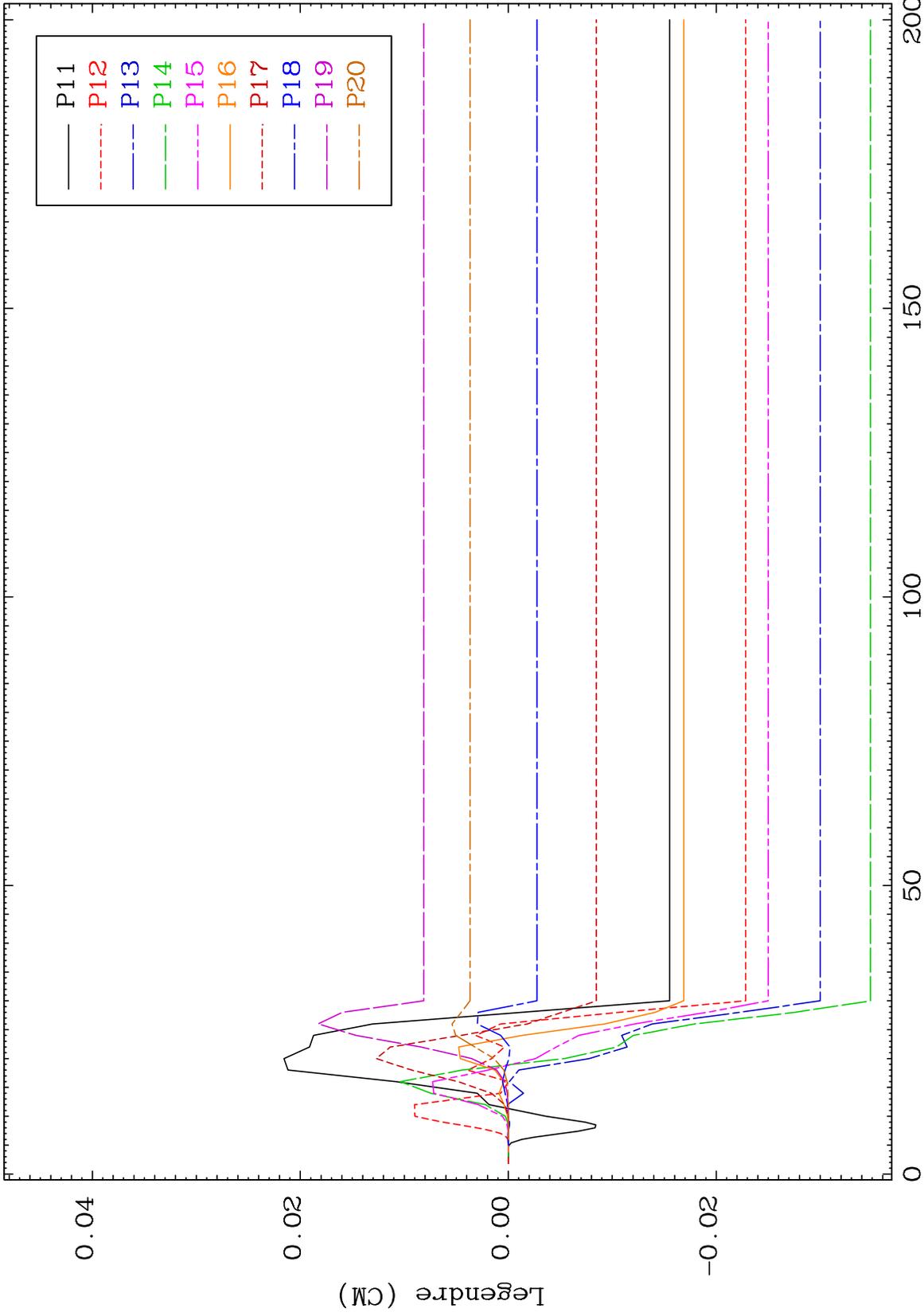
Incident Energy (MeV)

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MAT 8307

MT= 53 (n,n') Level  
Legendre Coefficients

83-Bi-203



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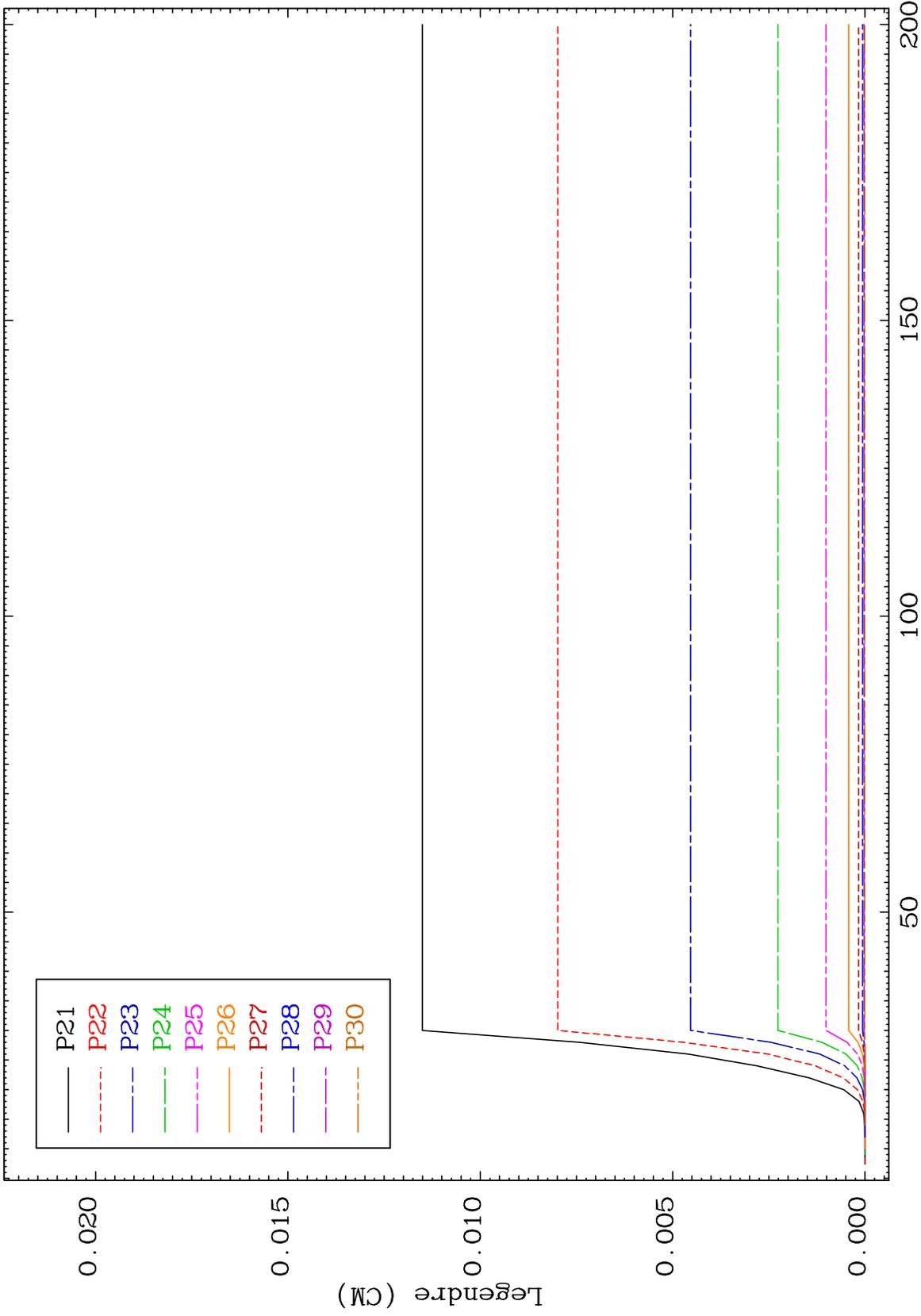
Incident Energy (MeV)

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MAT 8307

MT= 53 (n,n') Level  
Legendre Coefficients

83-Bi-203



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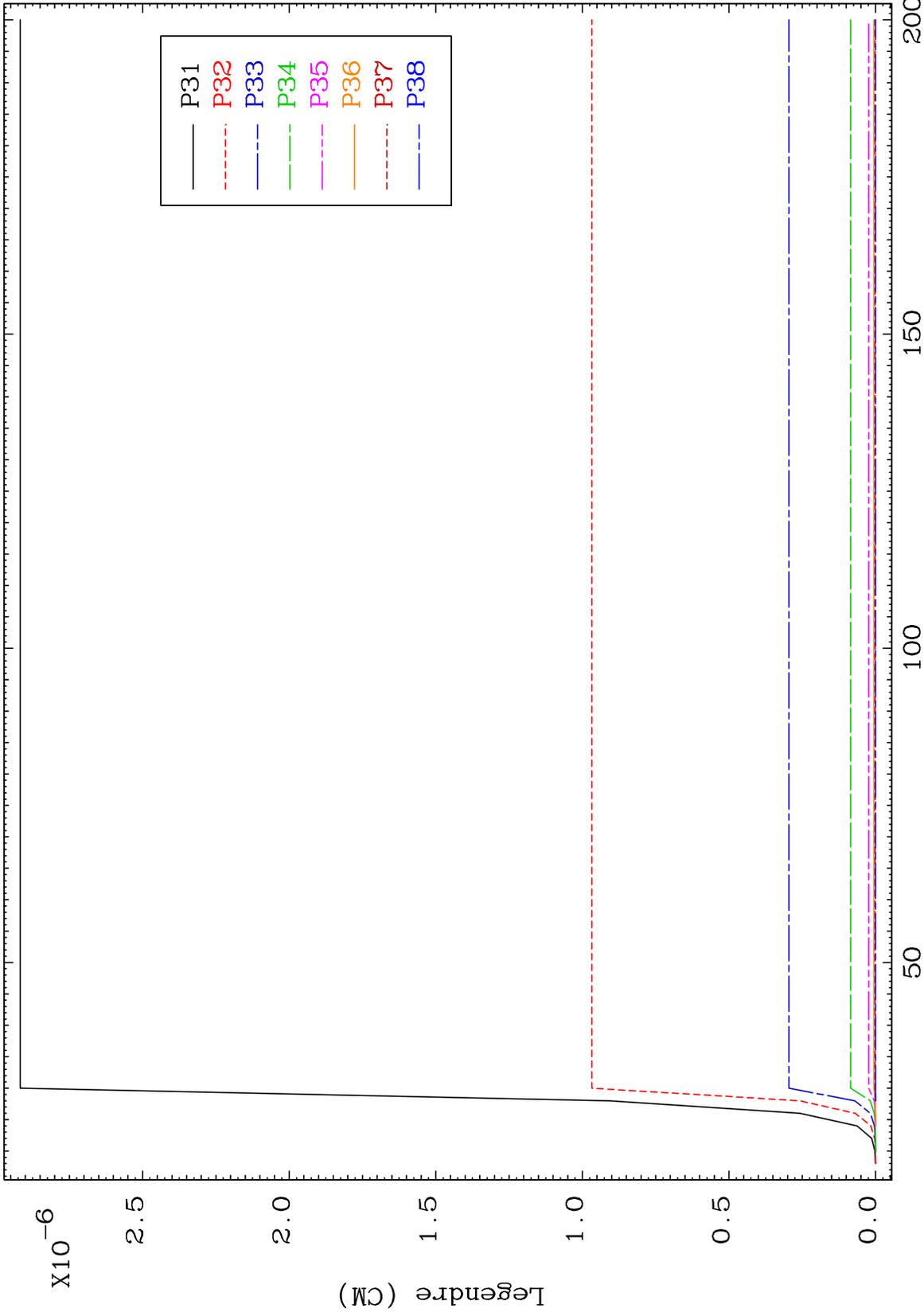
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 53 (n,n') Level  
Legendre Coefficients

83-Bi-203



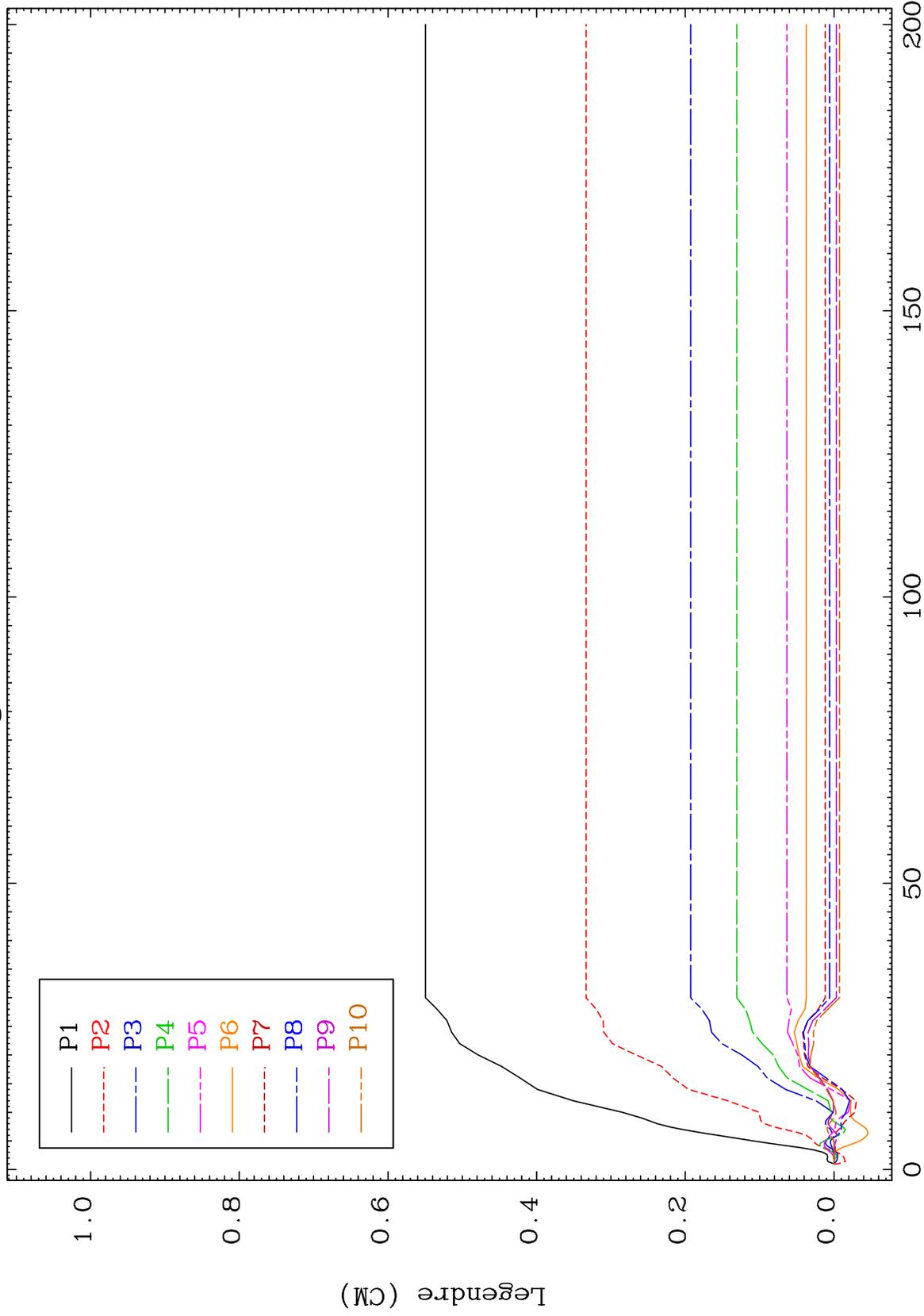
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83-Bi-203

MAT 8307

MT= 54 (n,n') Level  
Legendre Coefficients

83-Bi-203



32

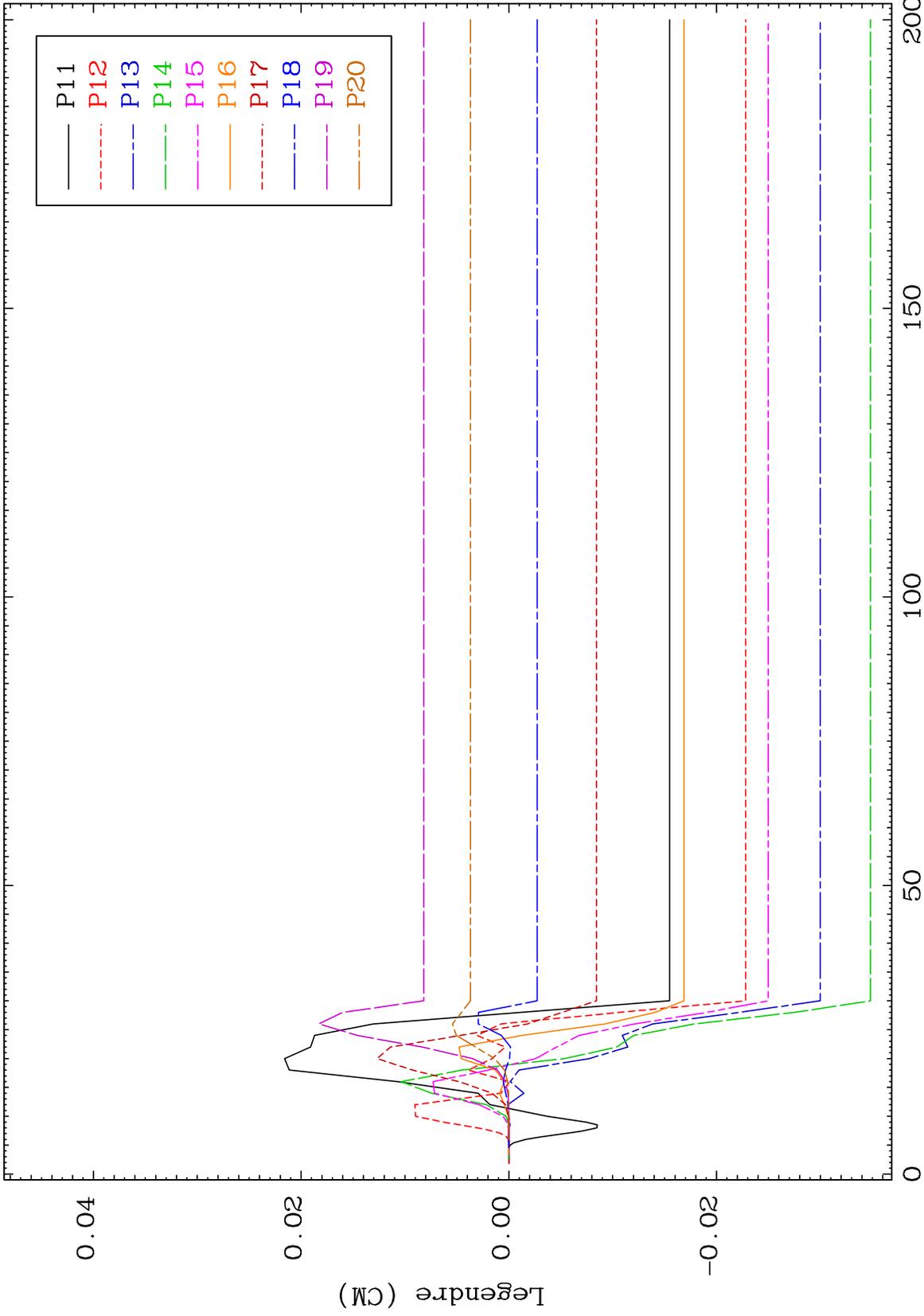
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MAT 8307

MT= 54 (n,n') Level  
Legendre Coefficients

83-Bi-203



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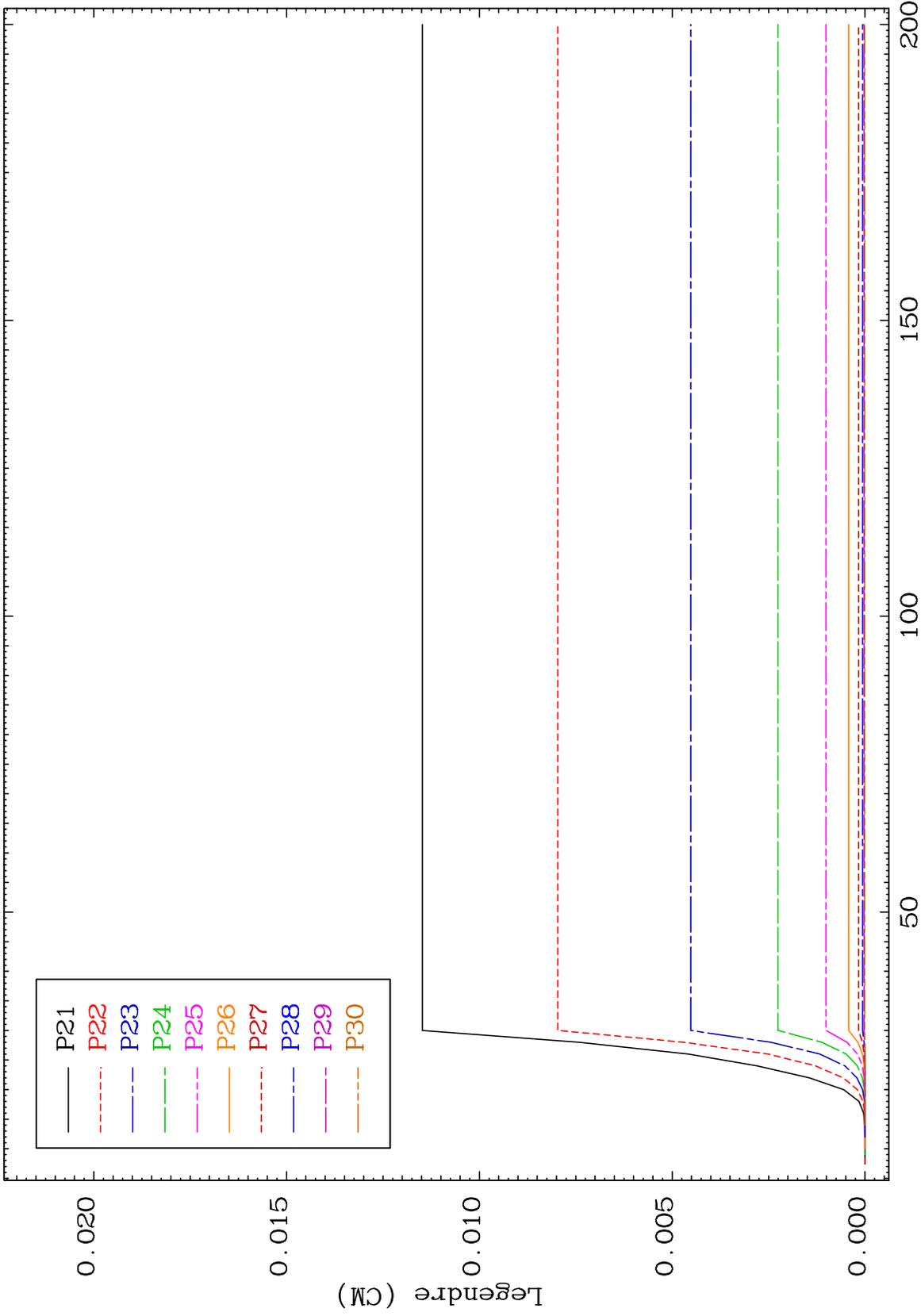
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MAT 8307

MT= 54 (n,n') Level  
Legendre Coefficients

83-Bi-203



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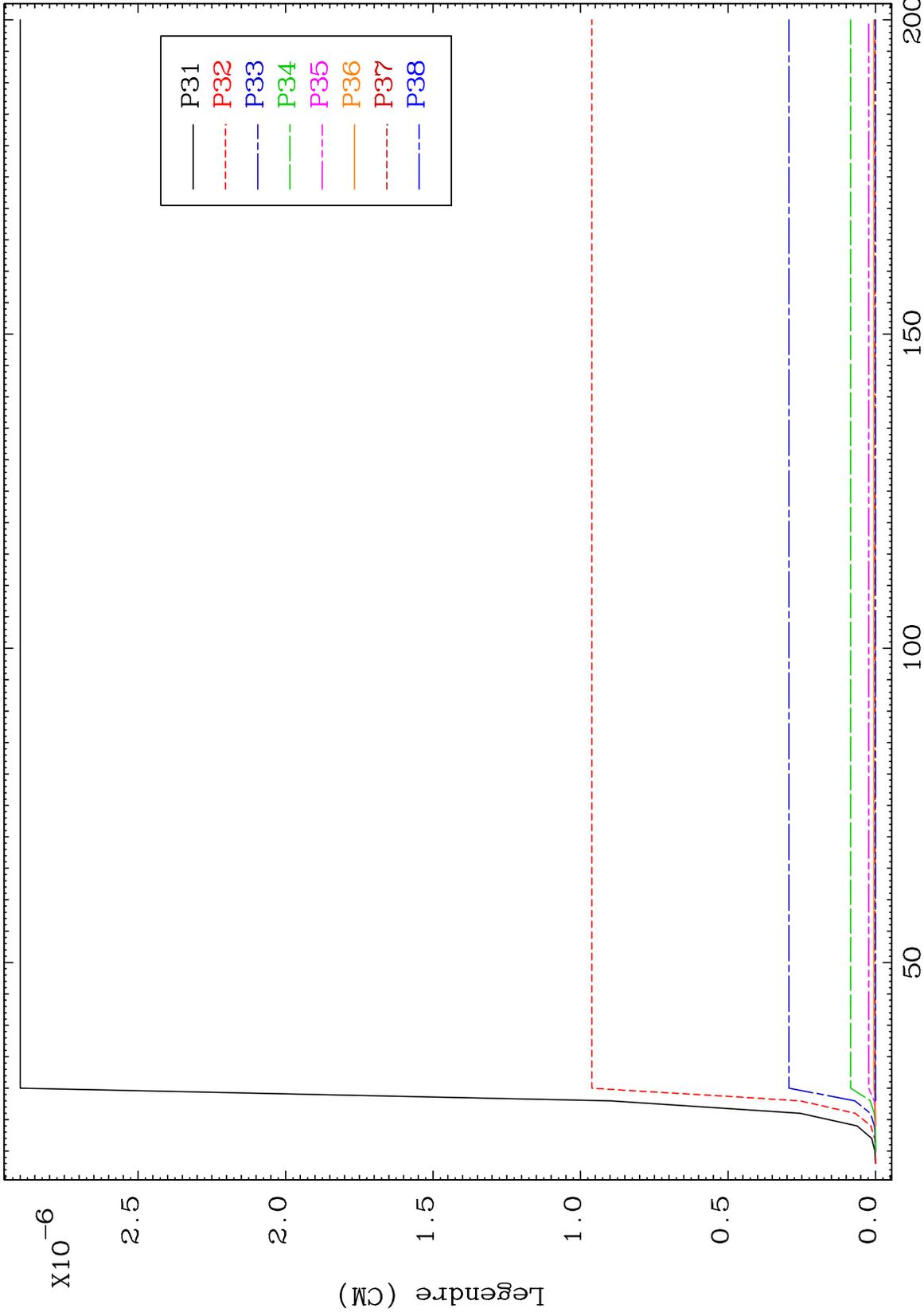
Incident Energy (MeV)

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MAT 8307

MT= 54 (n,n') Level  
Legendre Coefficients

83-Bi-203



35

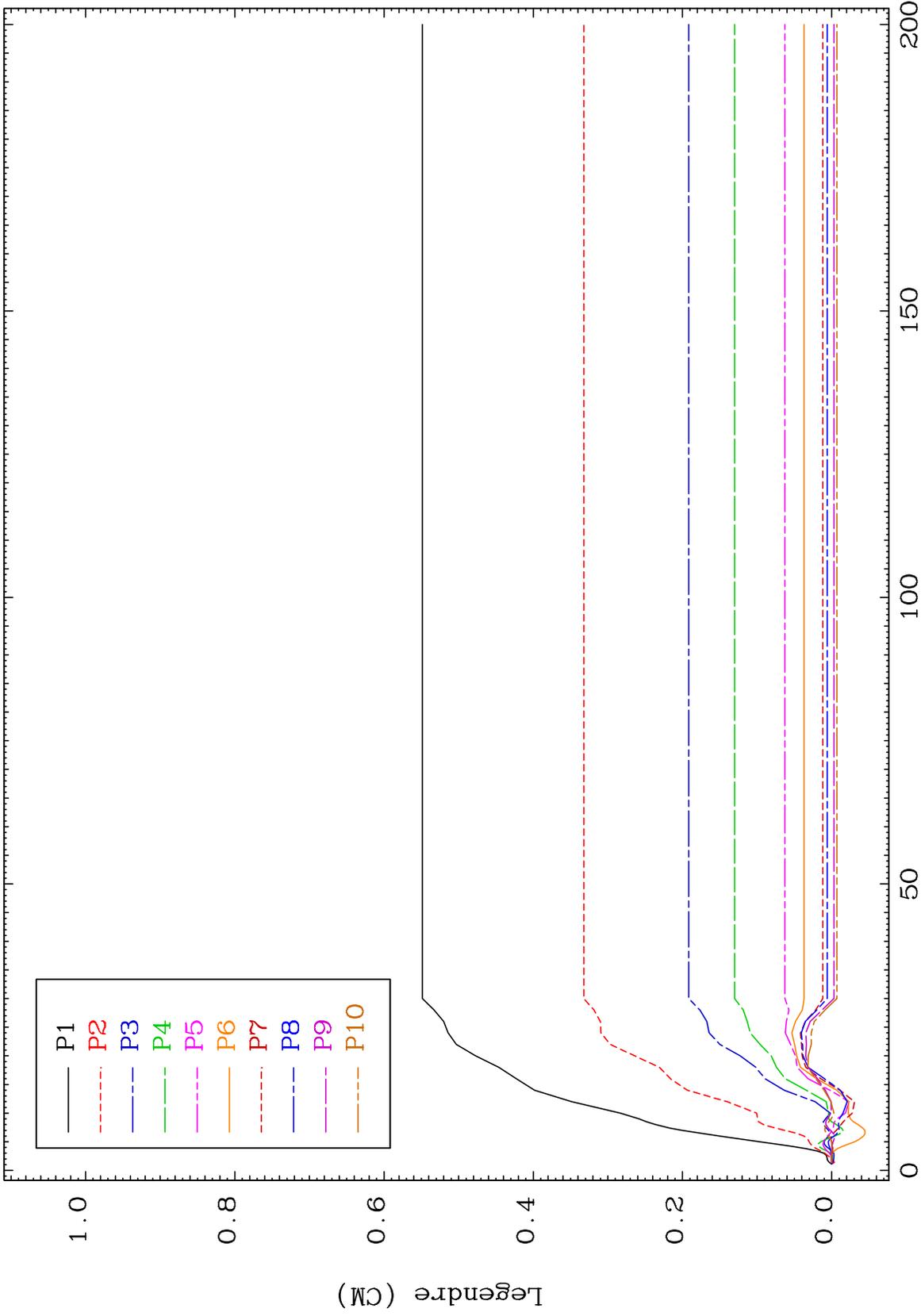
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 55 (n,n') Level  
Legendre Coefficients

83-Bi-203



36

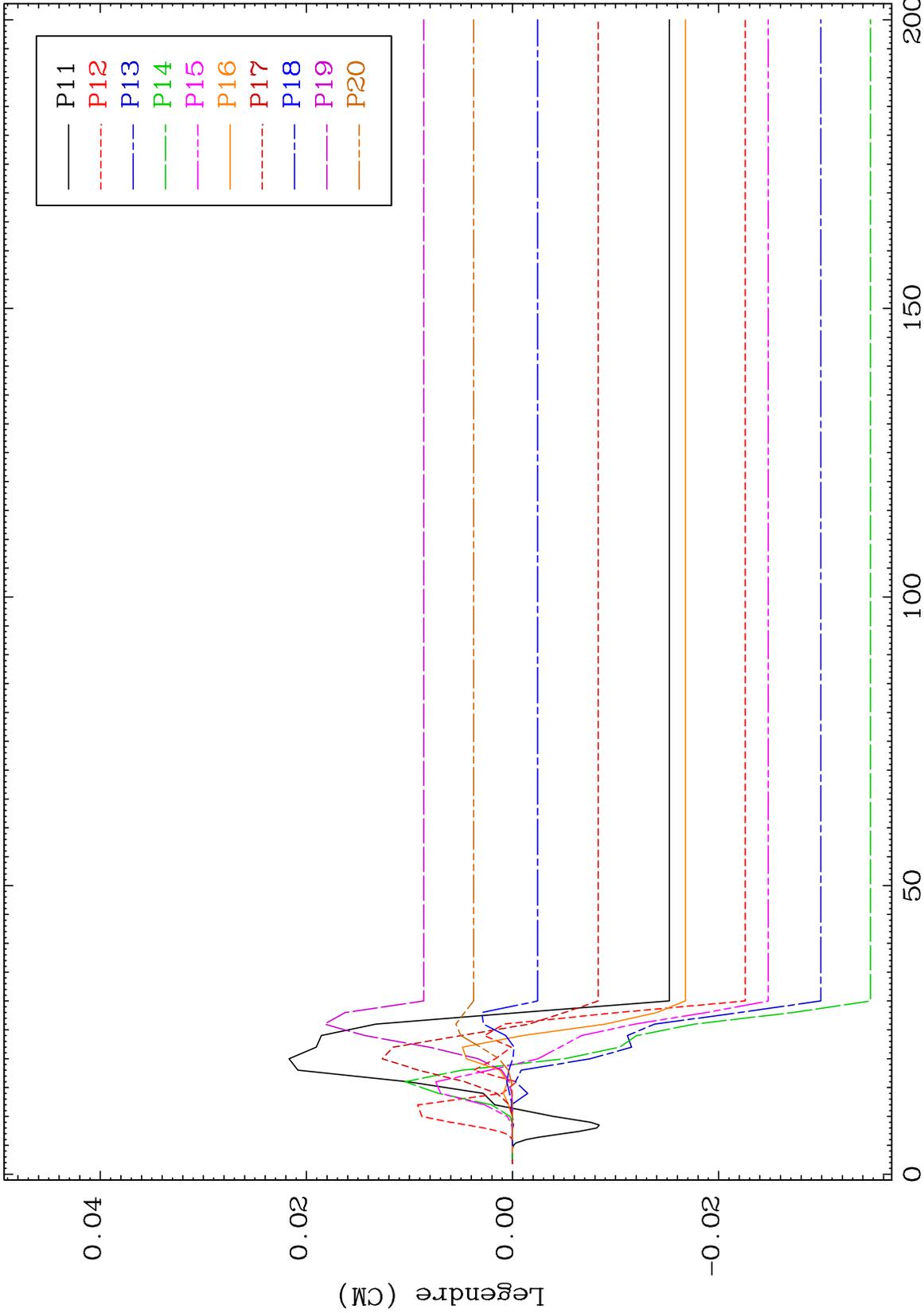
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83-Bi-203

MAT 8307

MT= 55 (n,n') Level  
Legendre Coefficients

83-Bi-203



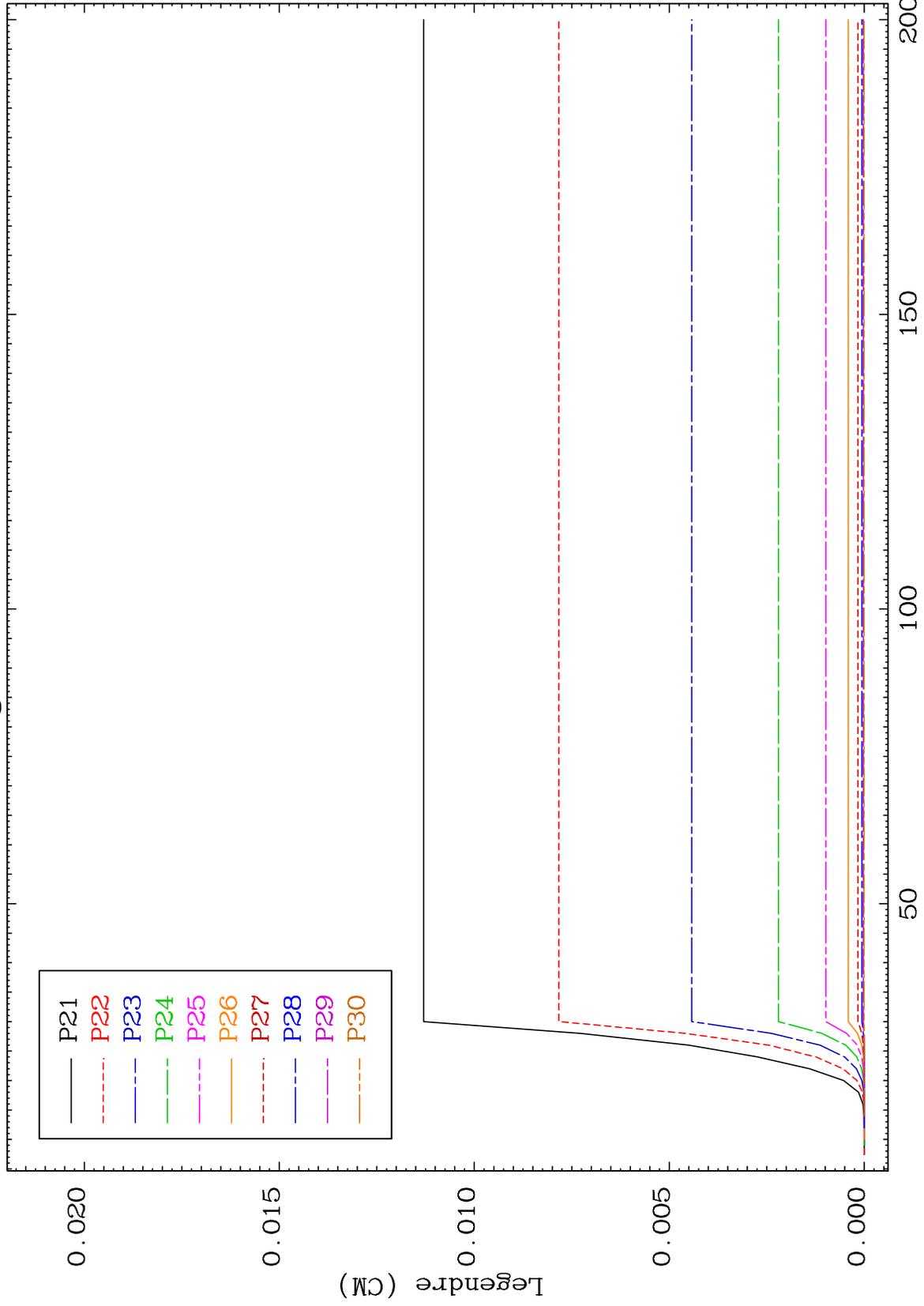
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MAT 8307

MT= 55 (n,n') Level  
Legendre Coefficients

83-Bi-203



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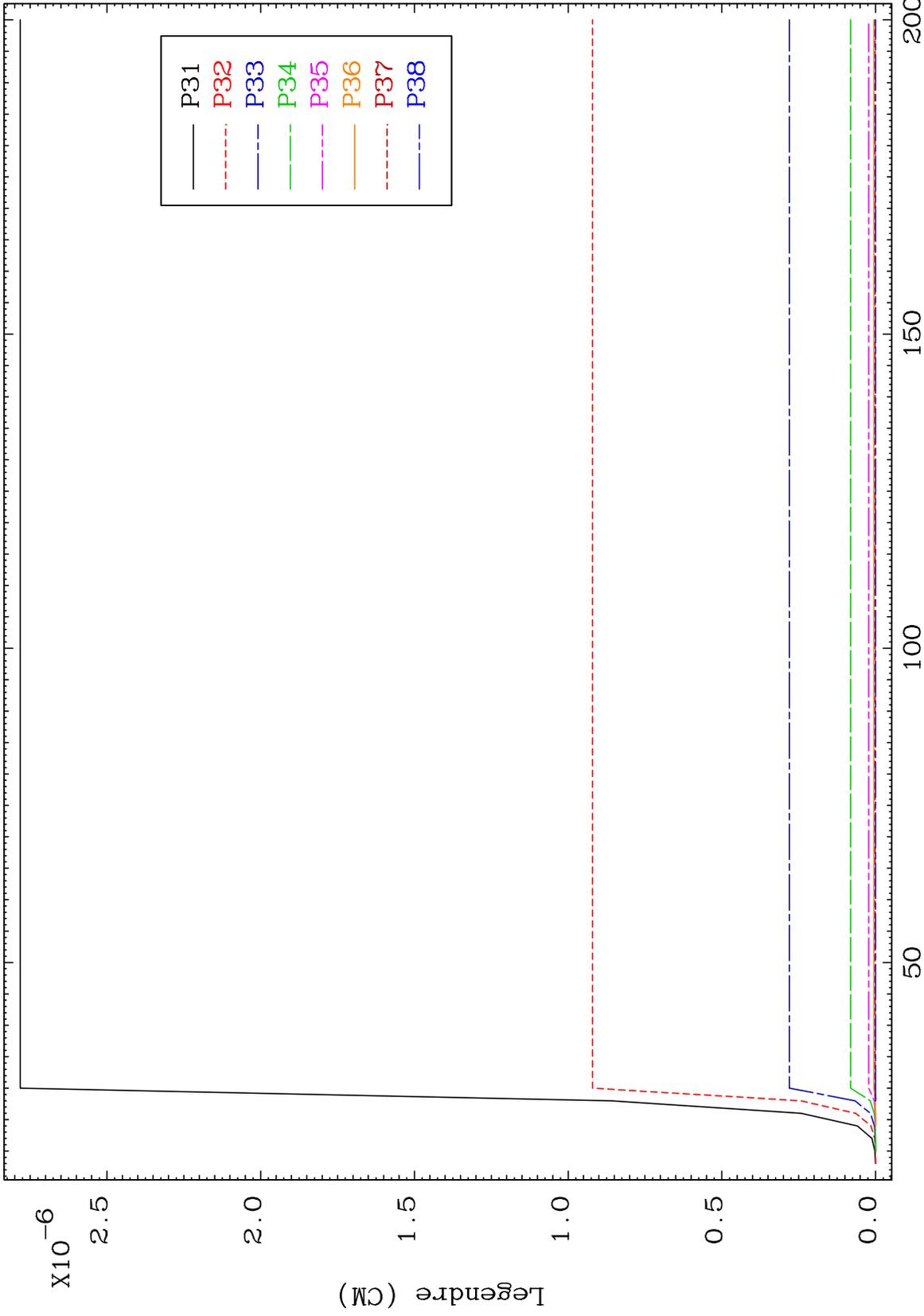
Incident Energy (MeV)

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MAT 8307

MT= 55 (n,n') Level  
Legendre Coefficients

83-Bi-203



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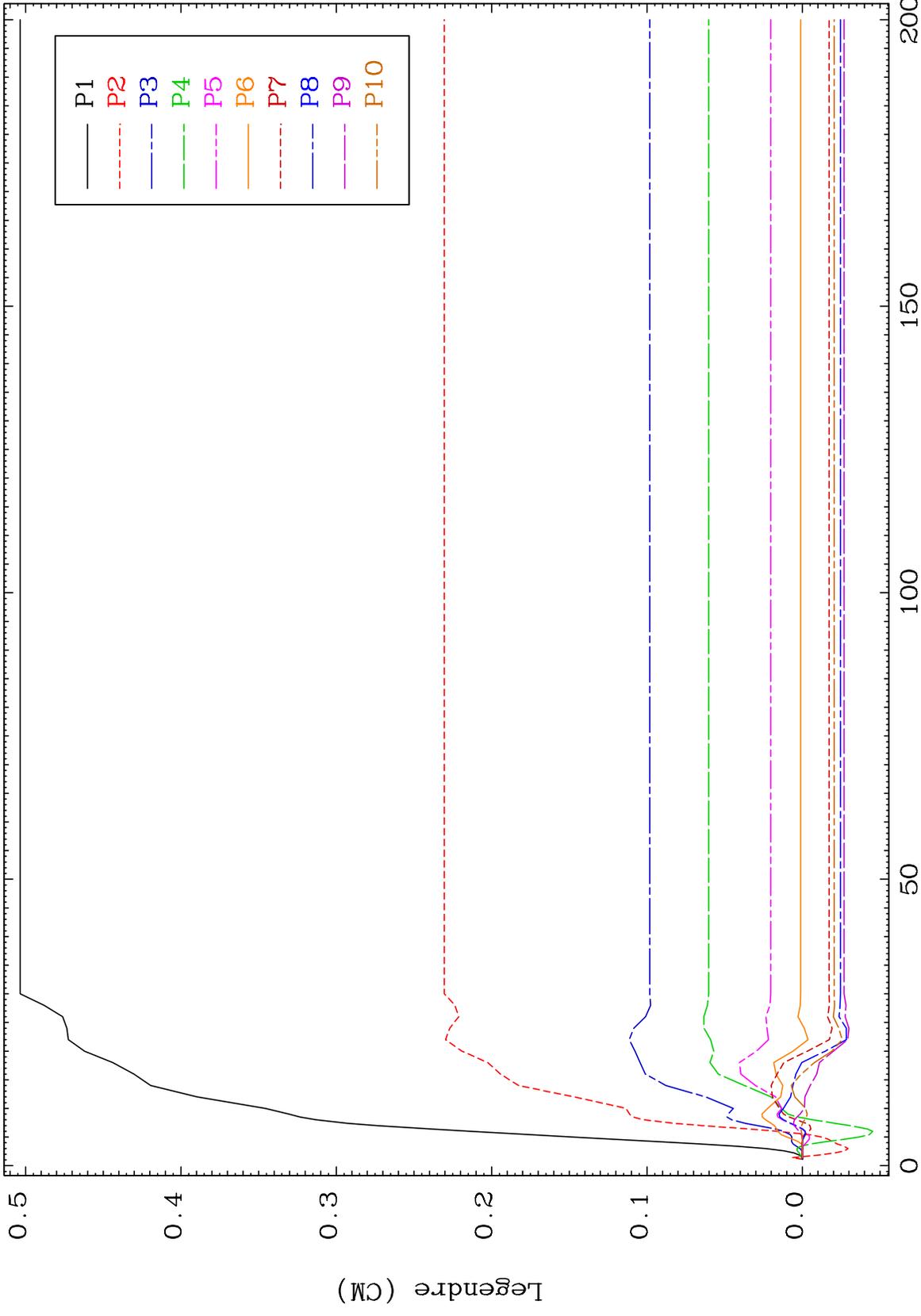
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 56 (n,n') Level  
Legendre Coefficients

83-Bi-203



83-Bi-203

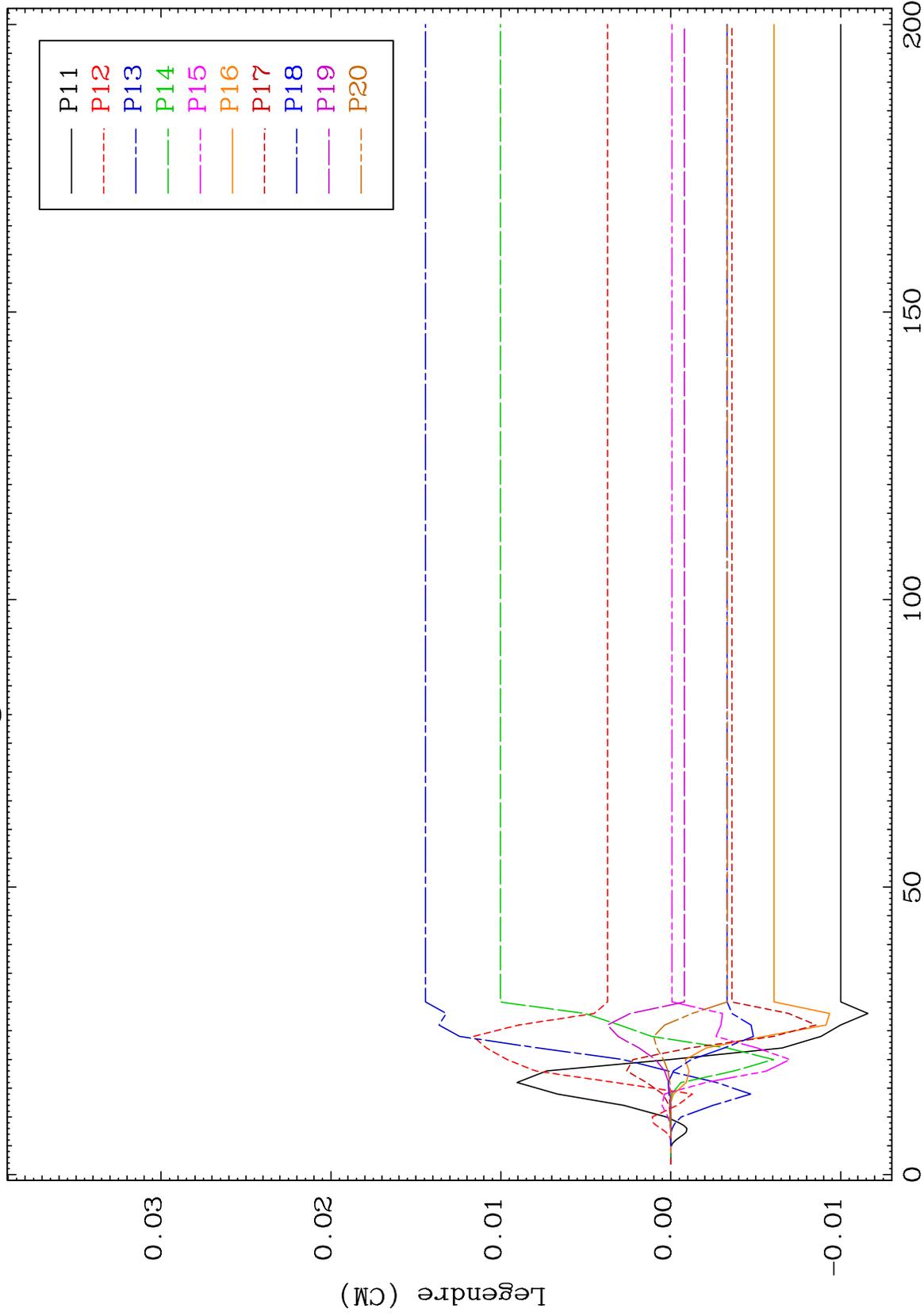
Incident Energy (MeV)

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MAT 8307

MT= 56 (n,n') Level  
Legendre Coefficients

83-Bi-203



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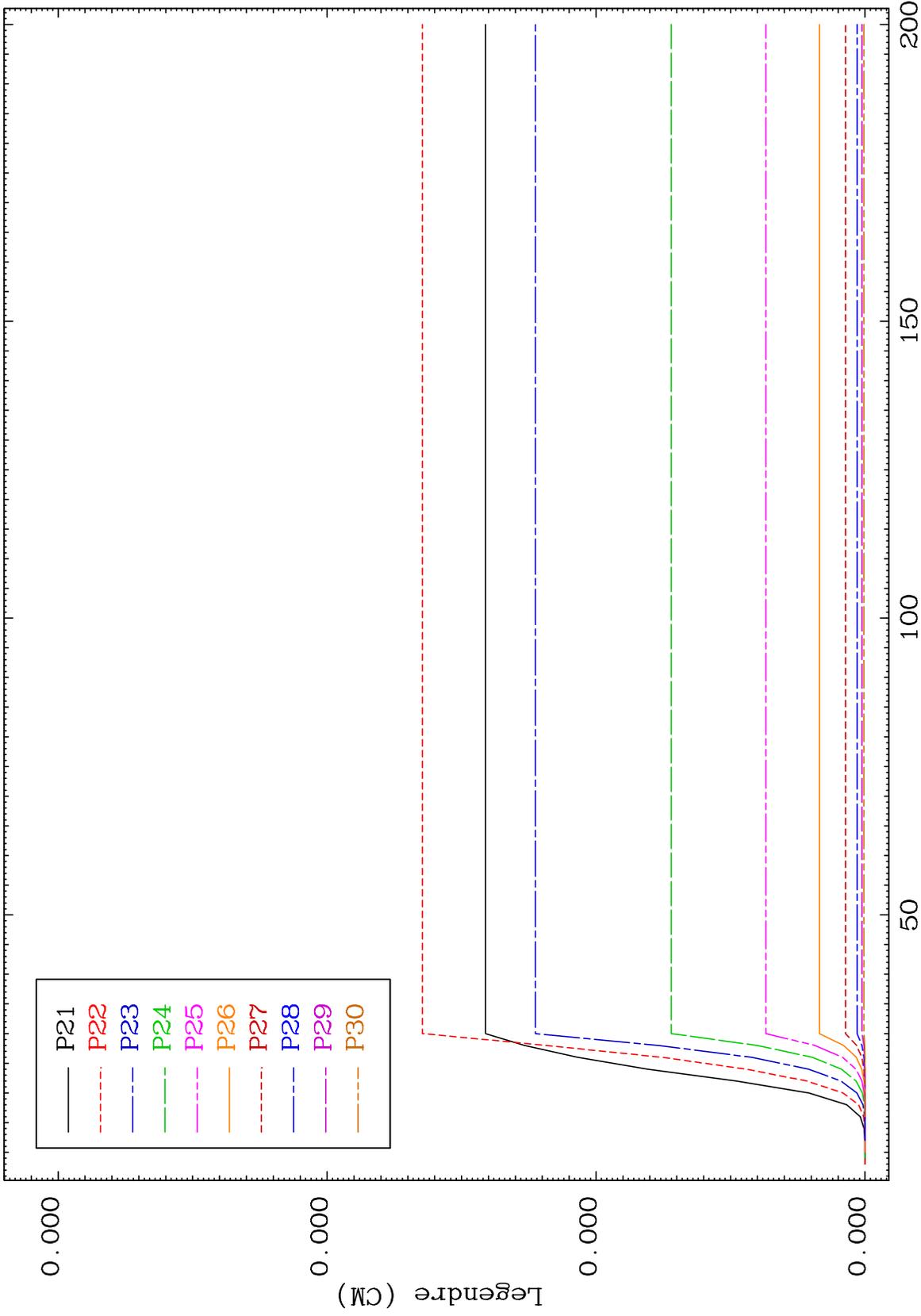
Incident Energy (MeV)

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MAT 8307

MT= 56 (n,n') Level  
Legendre Coefficients

83-Bi-203



42

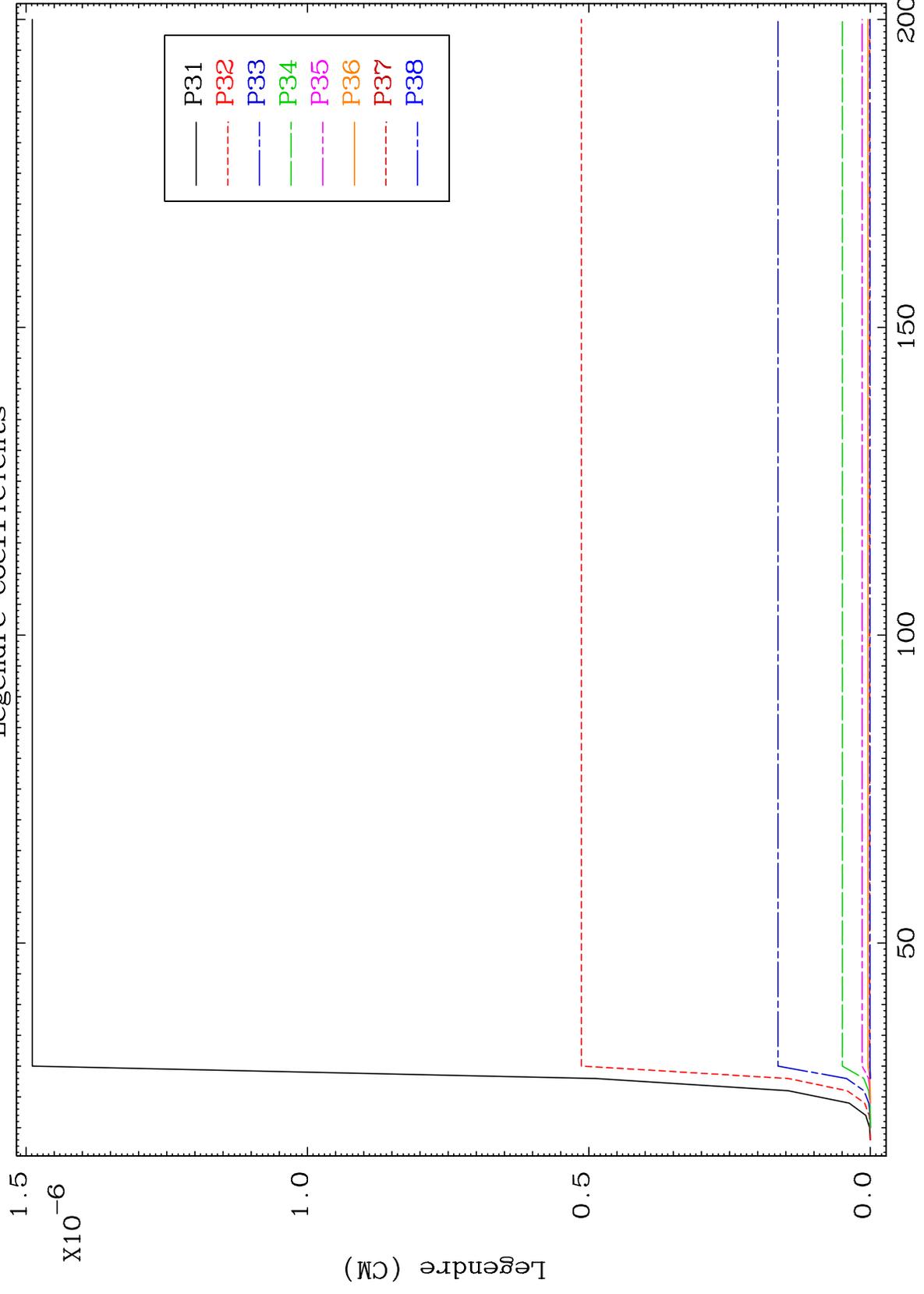
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MAT 8307

MT= 56 (n,n') Level  
Legendre Coefficients

83-Bi-203



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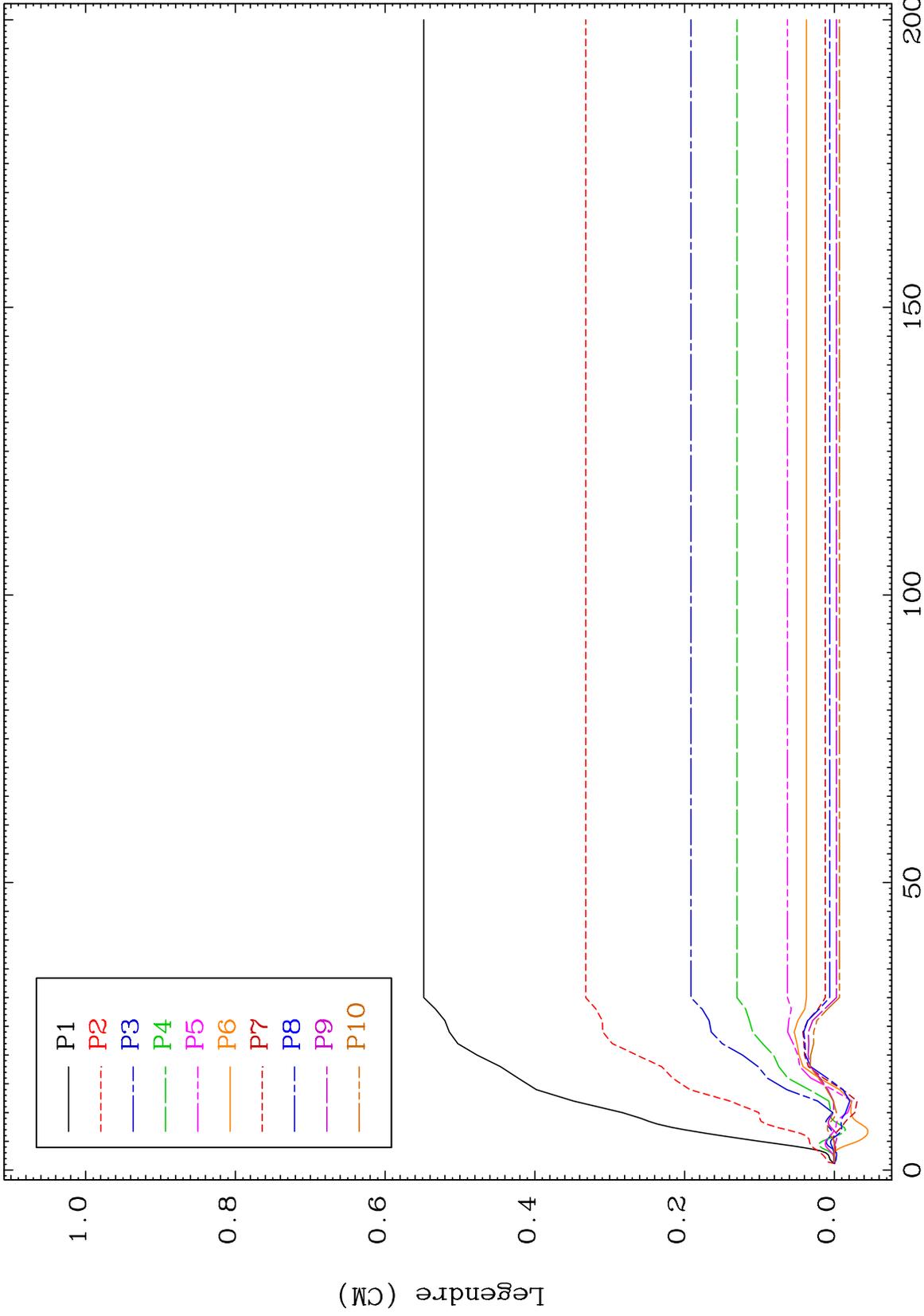
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 57 (n,n') Level  
Legendre Coefficients

83-Bi-203



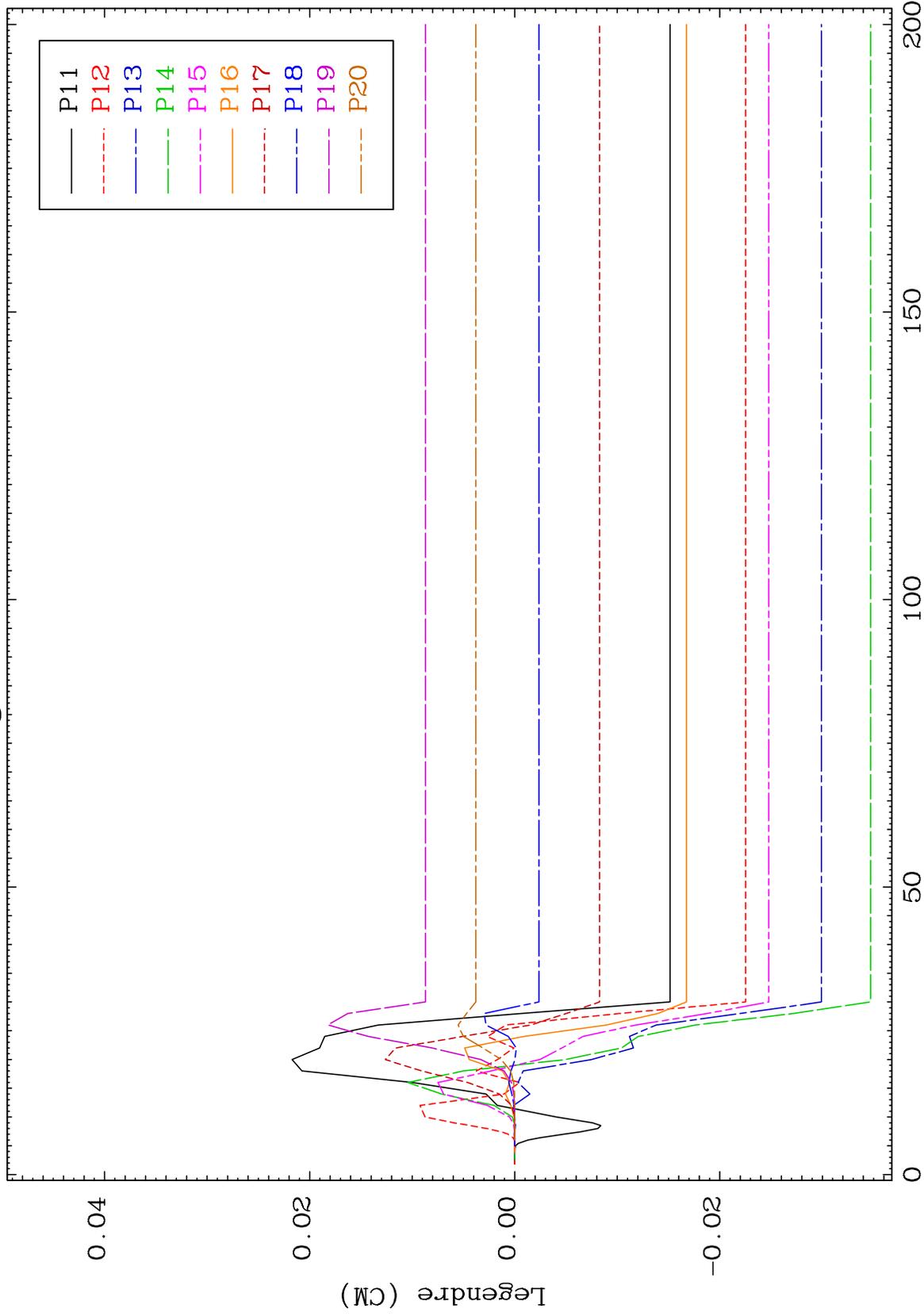
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MAT 8307

MT= 57 (n,n') Level  
Legendre Coefficients

83-Bi-203



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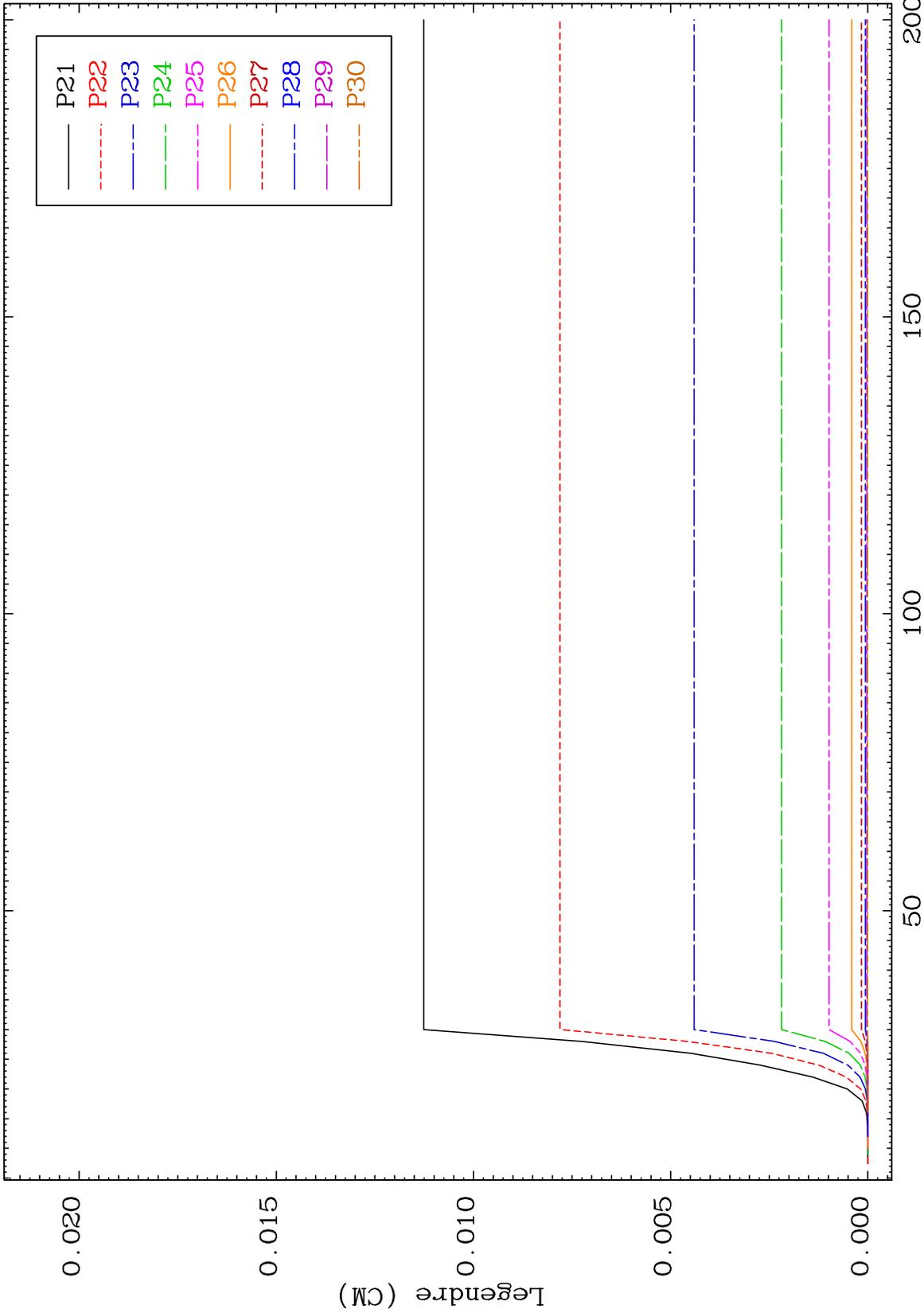
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83-Bi-203

MAT 8307

MT= 57 (n,n') Level  
Legendre Coefficients

83-Bi-203



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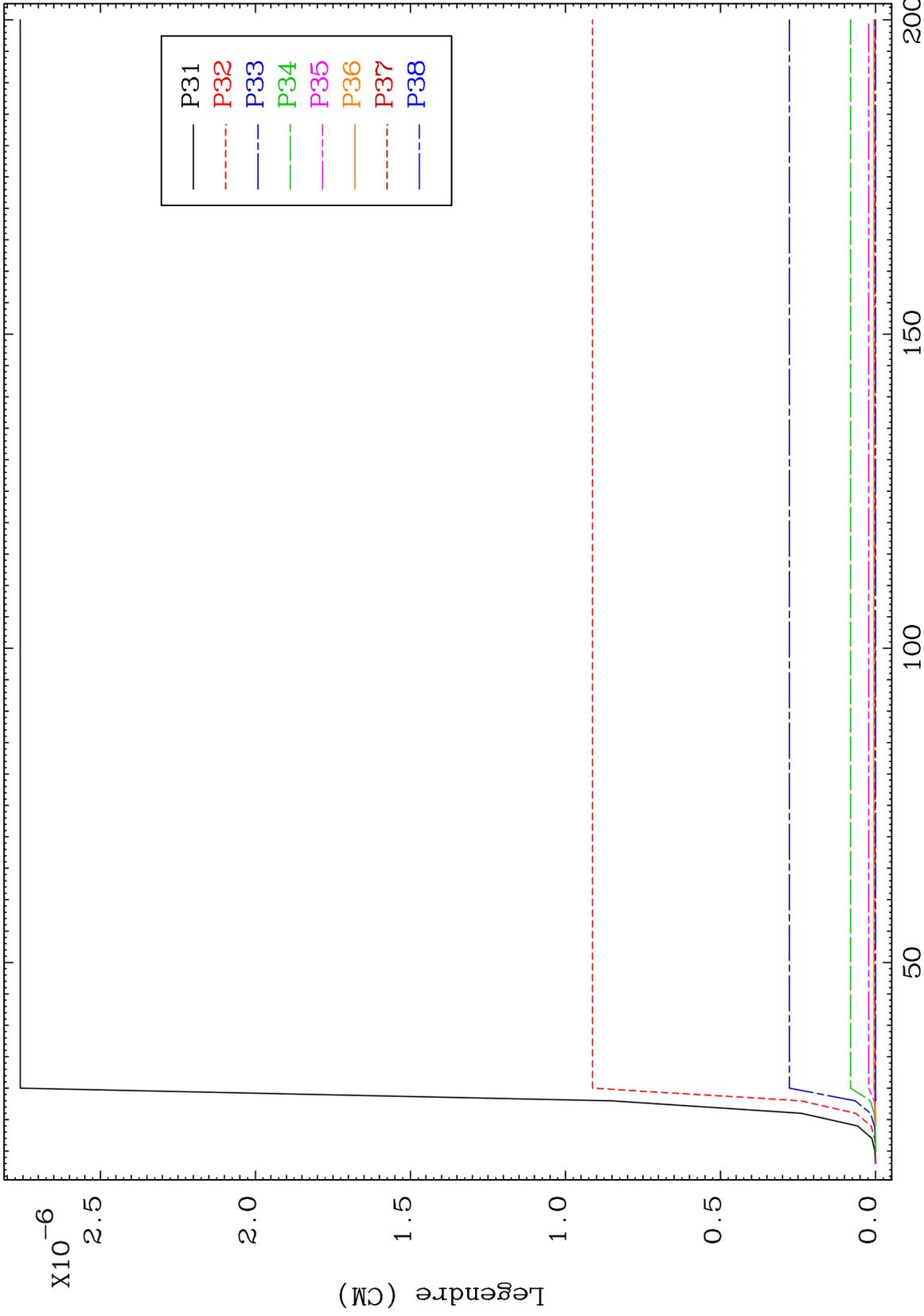
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 57 (n,n') Level  
Legendre Coefficients

83-Bi-203



47

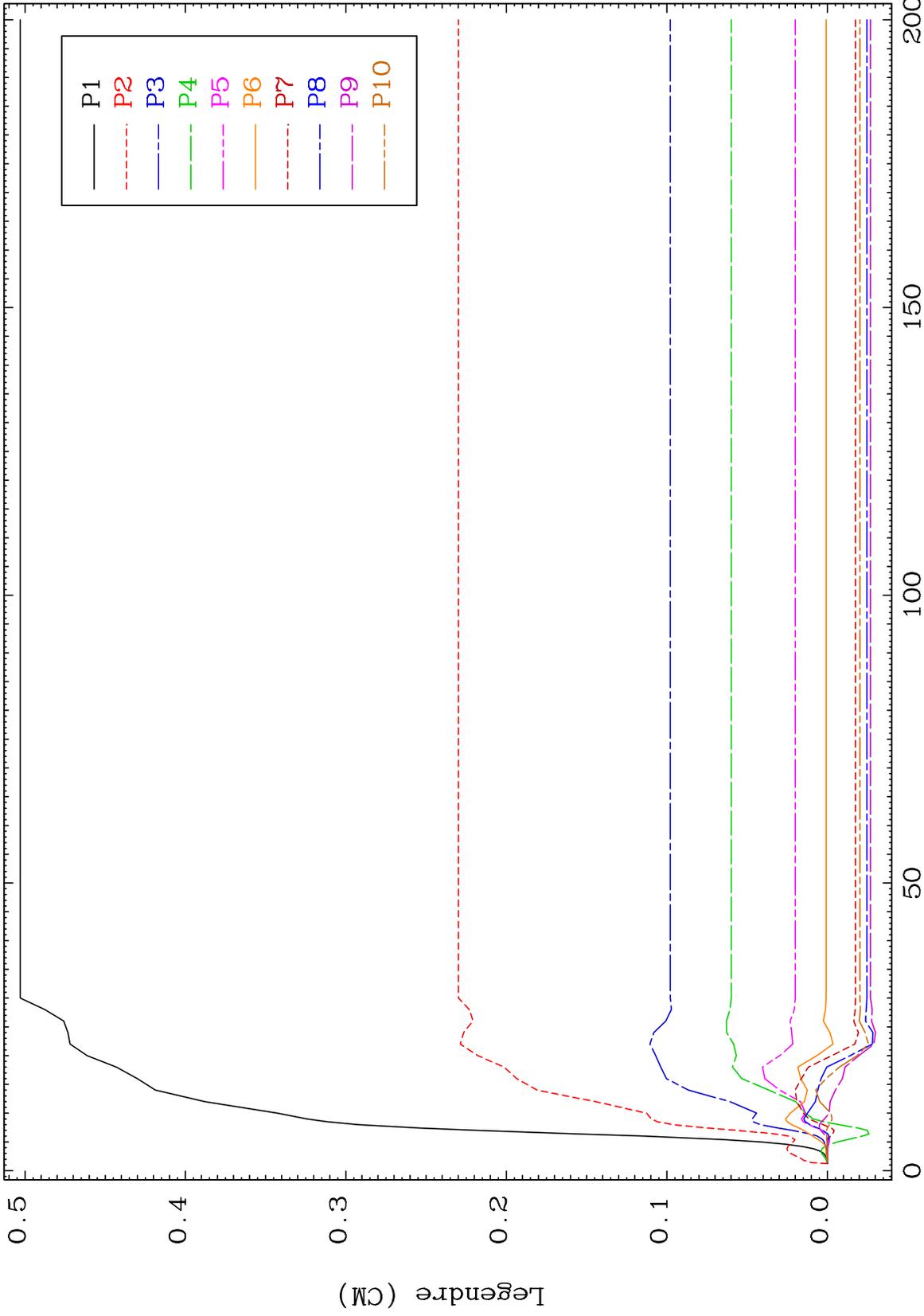
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 58 (n,n') Level  
Legendre Coefficients

83-Bi-203



48

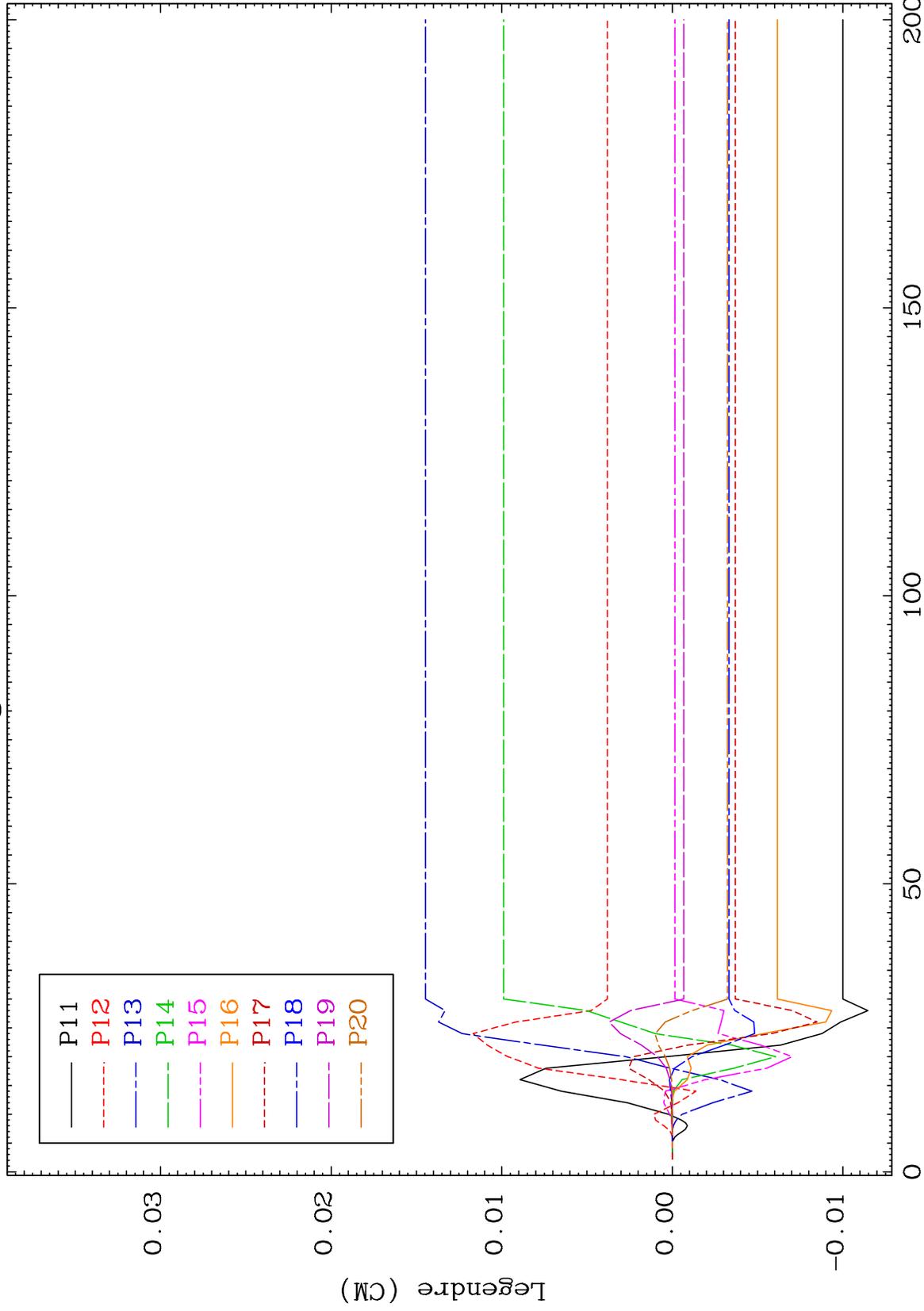
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MAT 8307

MT= 58 (n,n') Level  
Legendre Coefficients

83-Bi-203



49

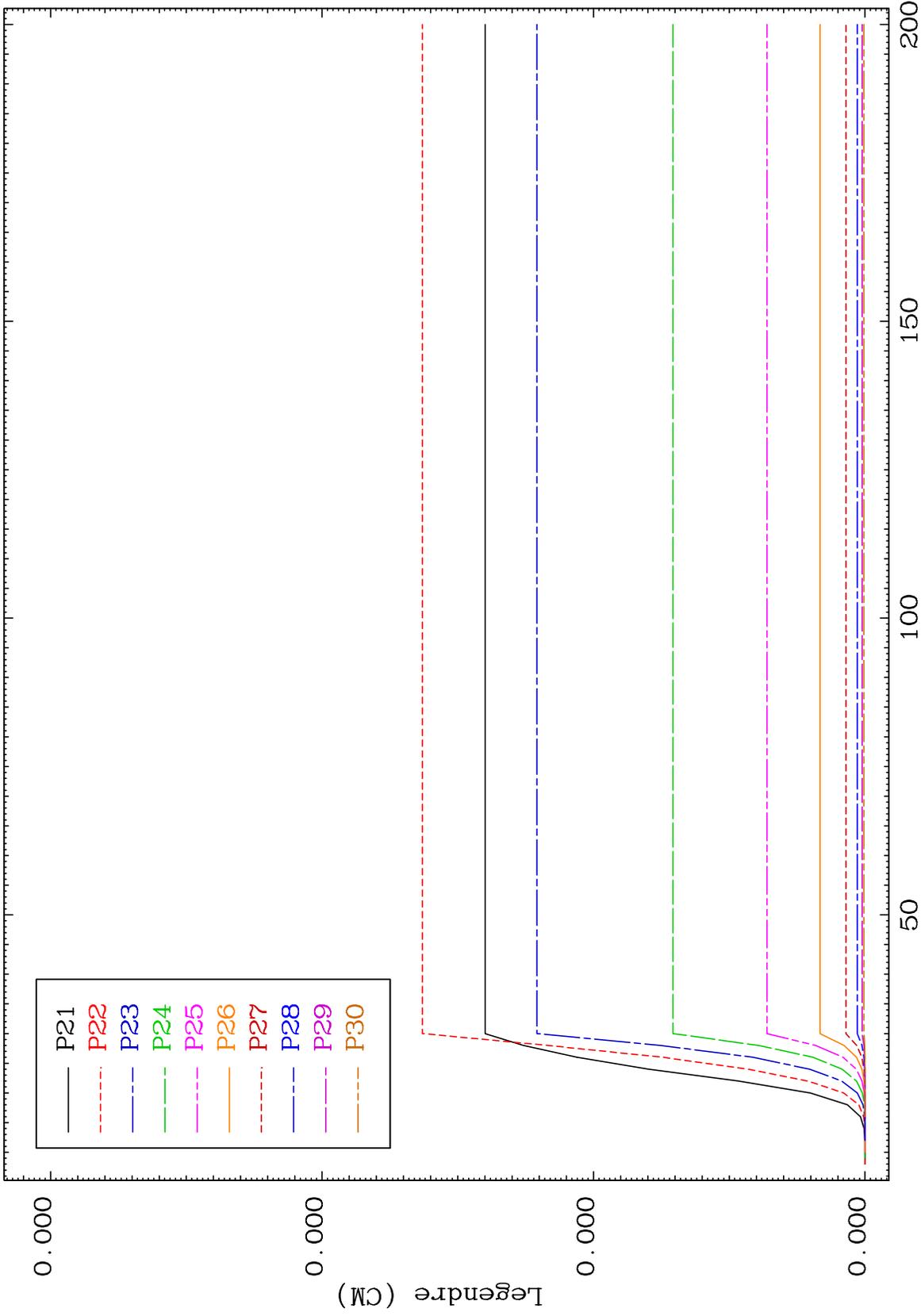
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 58 (n,n') Level  
Legendre Coefficients

83-Bi-203



50

50

100

150

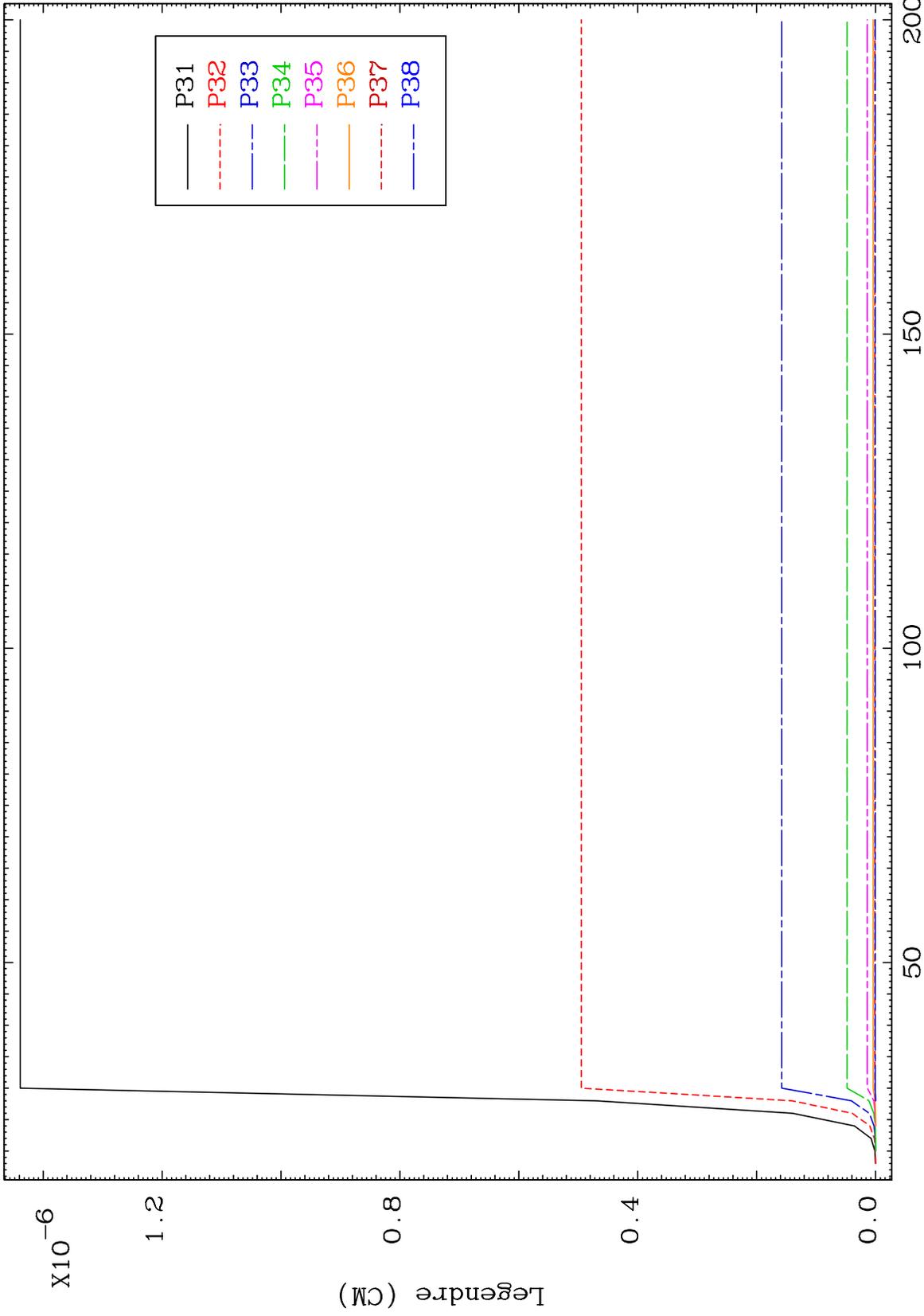
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83-Bi-203

MAT 8307

MT= 58 (n,n') Level  
Legendre Coefficients

83-Bi-203



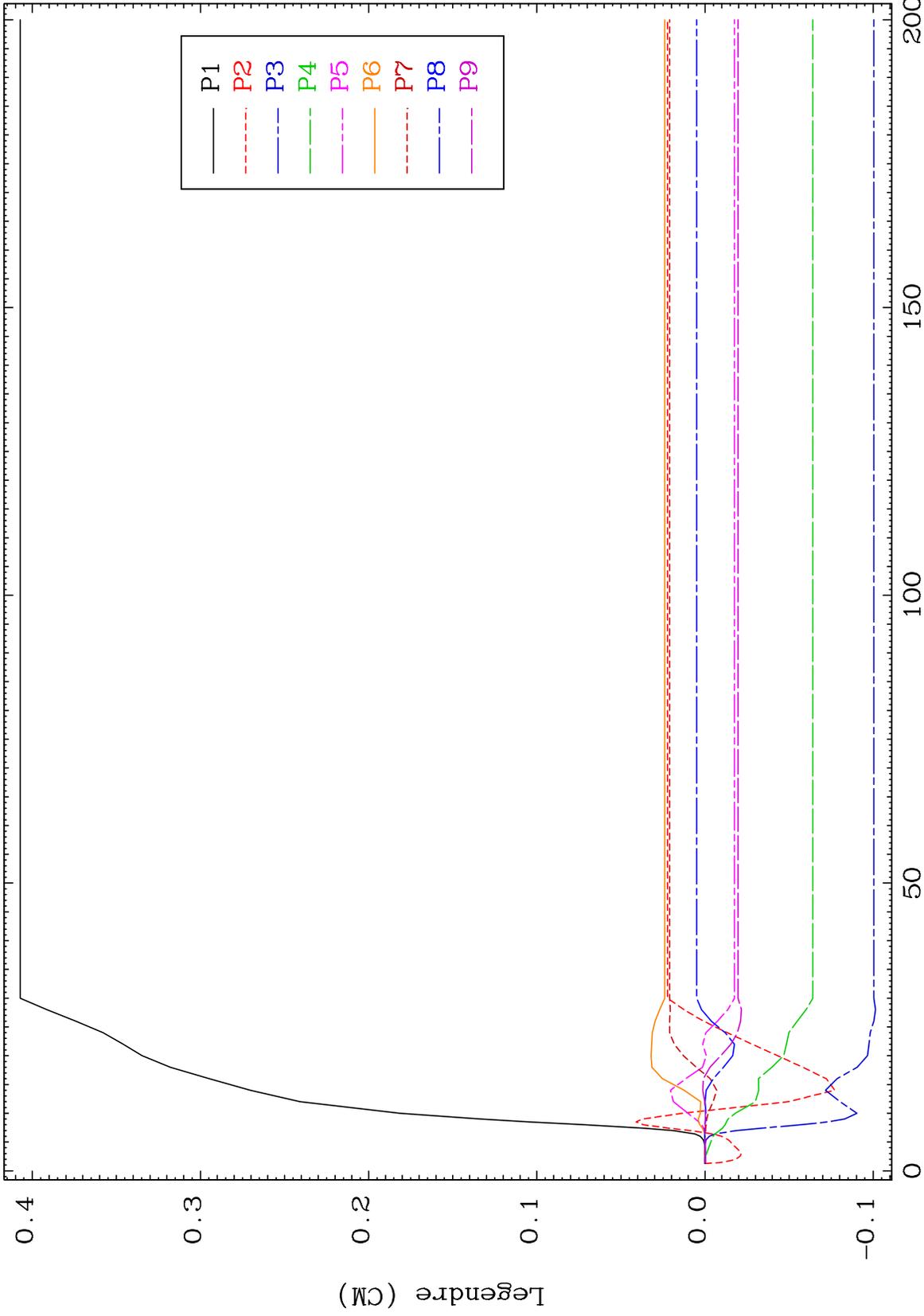
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83-Bi-203

MAT 8307

MT= 59 (n,n') Level  
Legendre Coefficients

83-Bi-203



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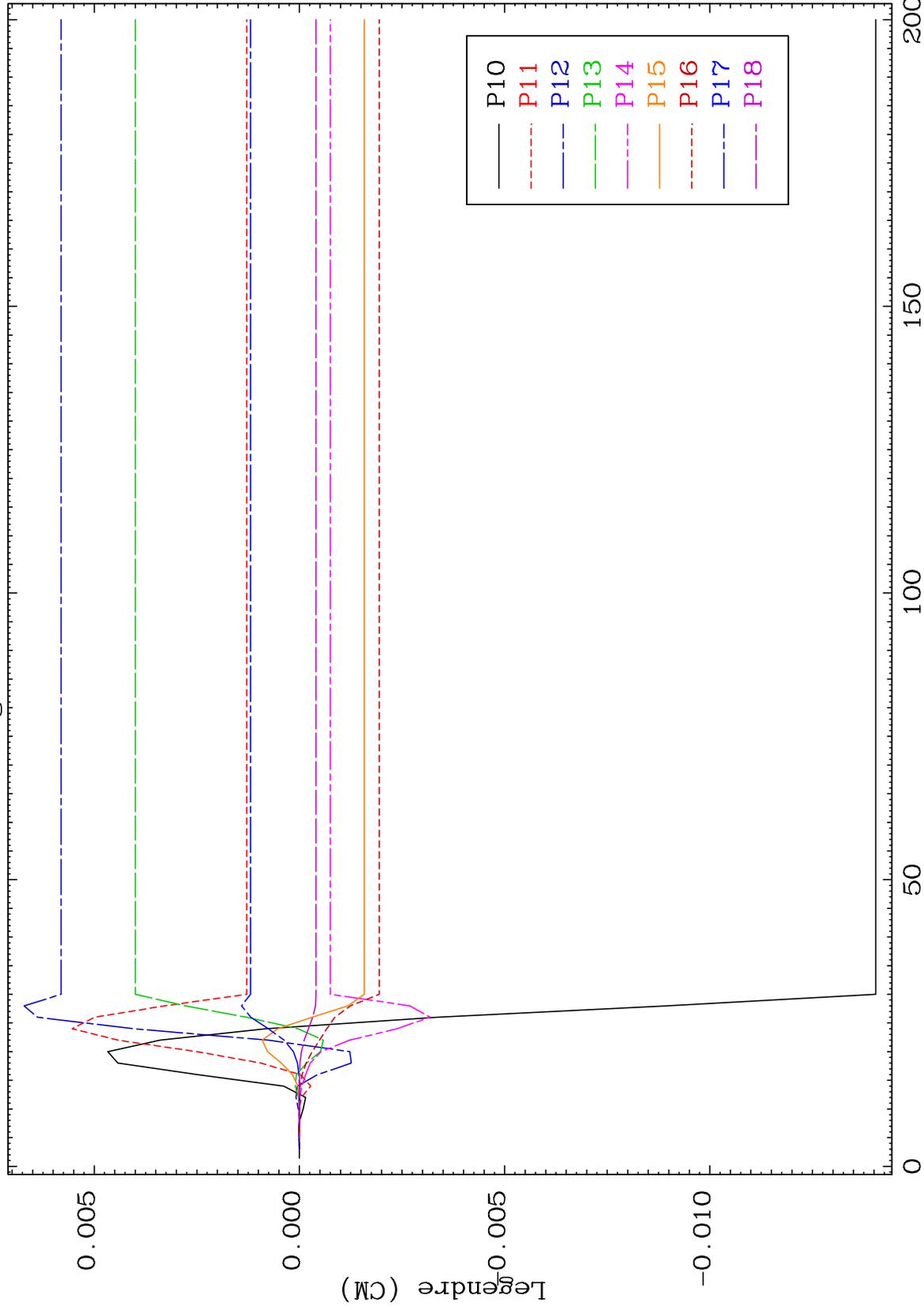
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 59 (n,n') Level  
Legendre Coefficients

83-Bi-203



53

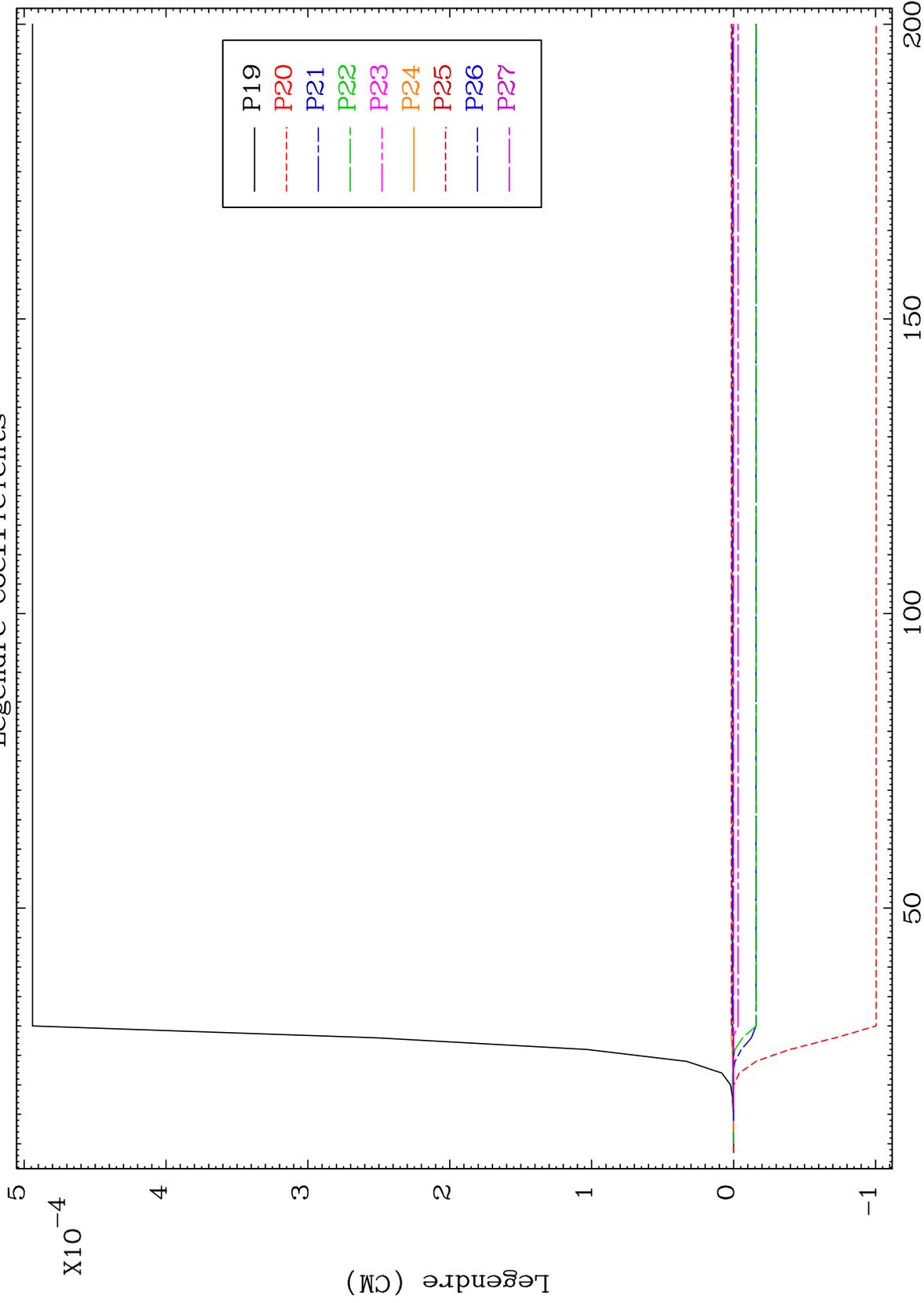
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83-Bi-203

MAT 8307

MT= 59 (n,n') Level  
Legendre Coefficients

83-Bi-203



54

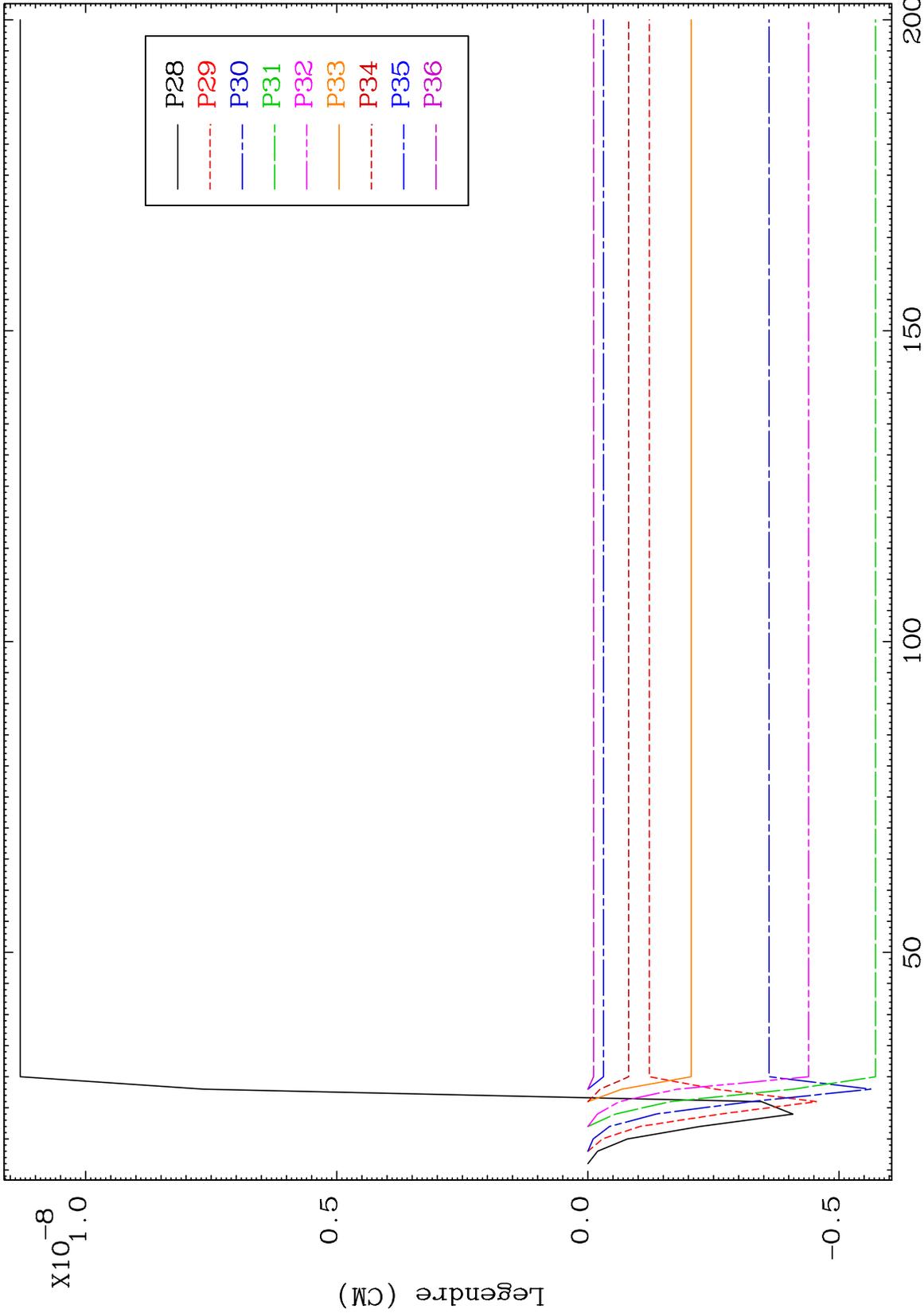
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 59 (n,n') Level  
Legendre Coefficients

83-Bi-203



55

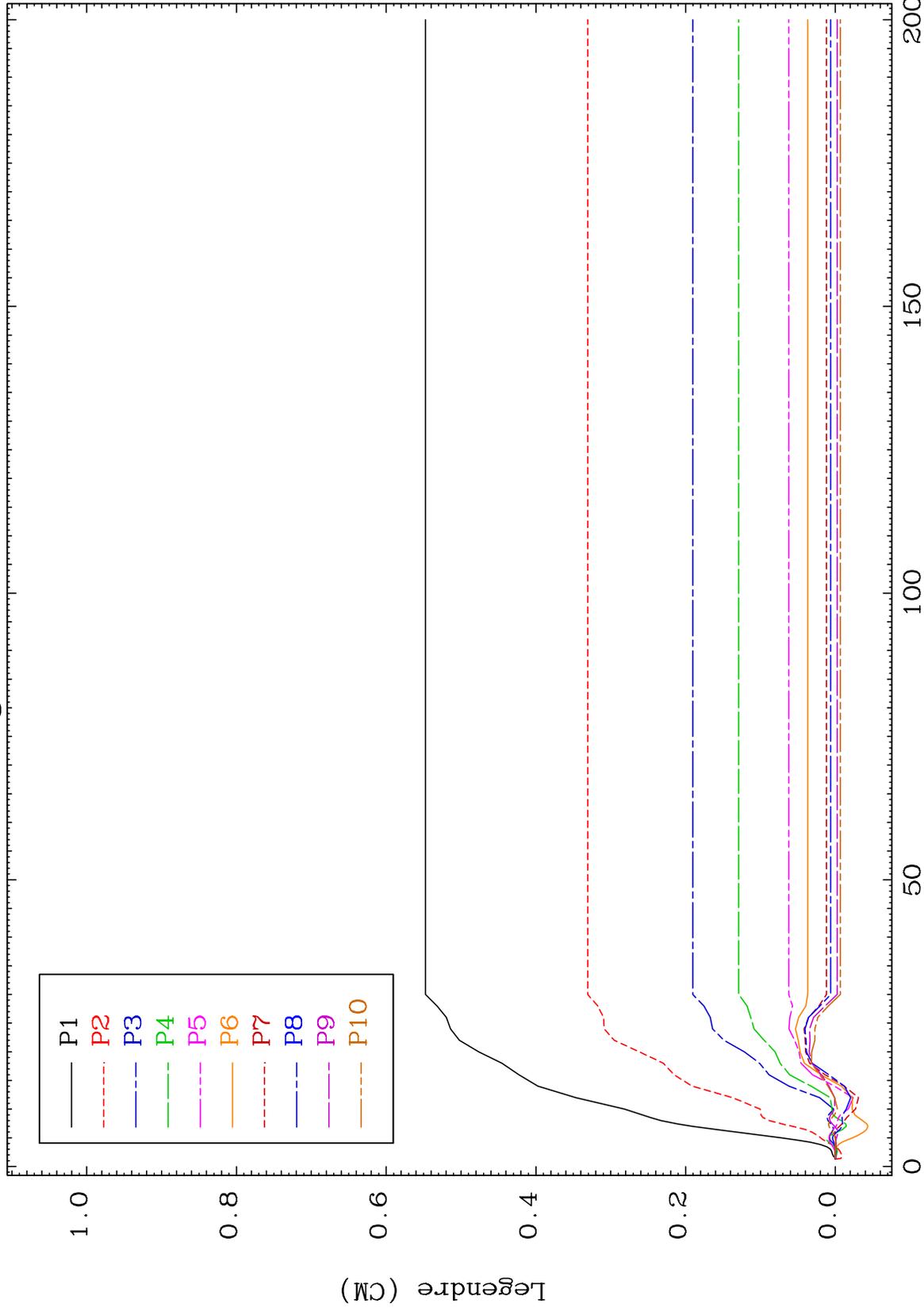
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 60 (n,n') Level  
Legendre Coefficients

83-Bi-203



56

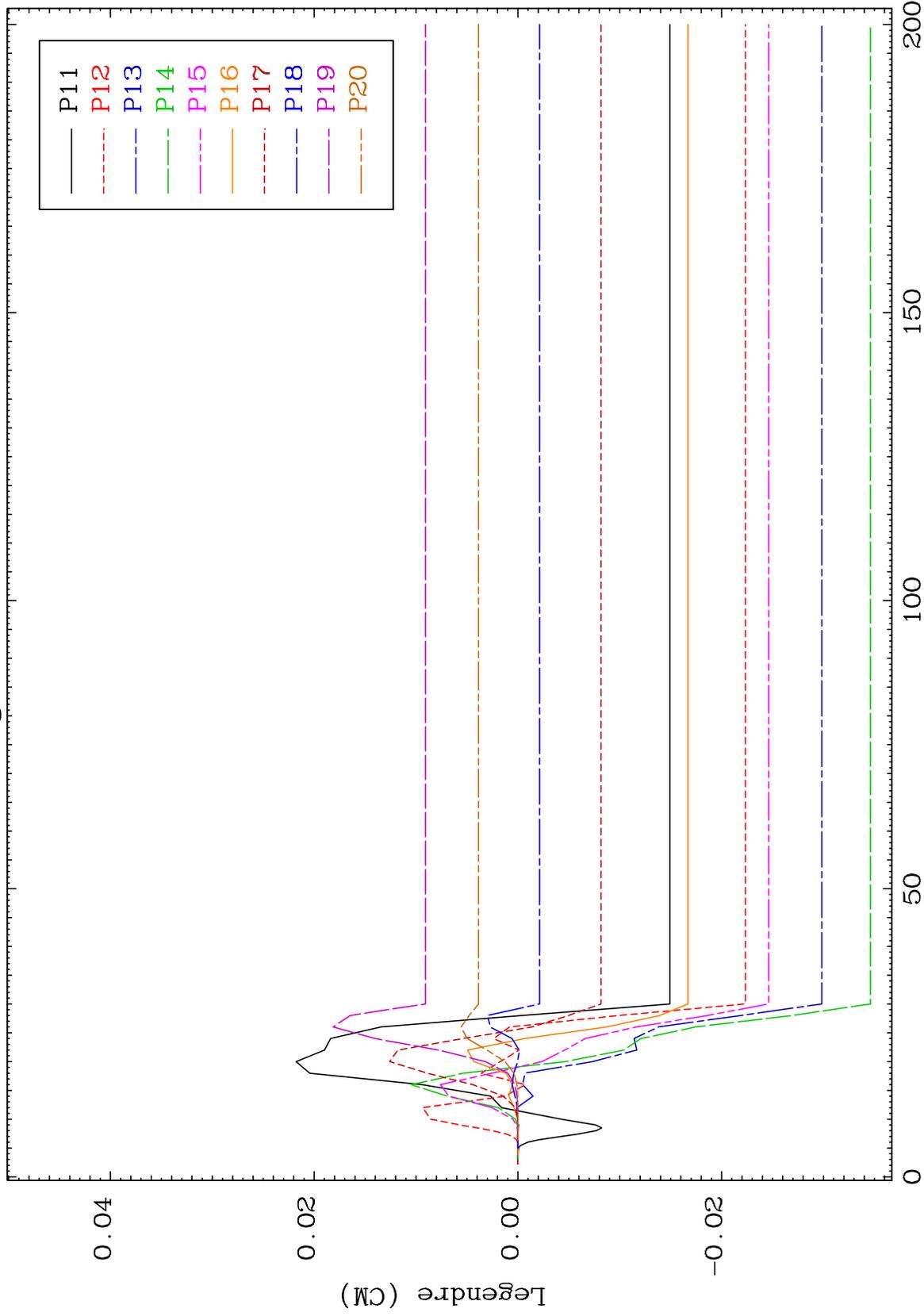
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 60 (n,n') Level  
Legendre Coefficients

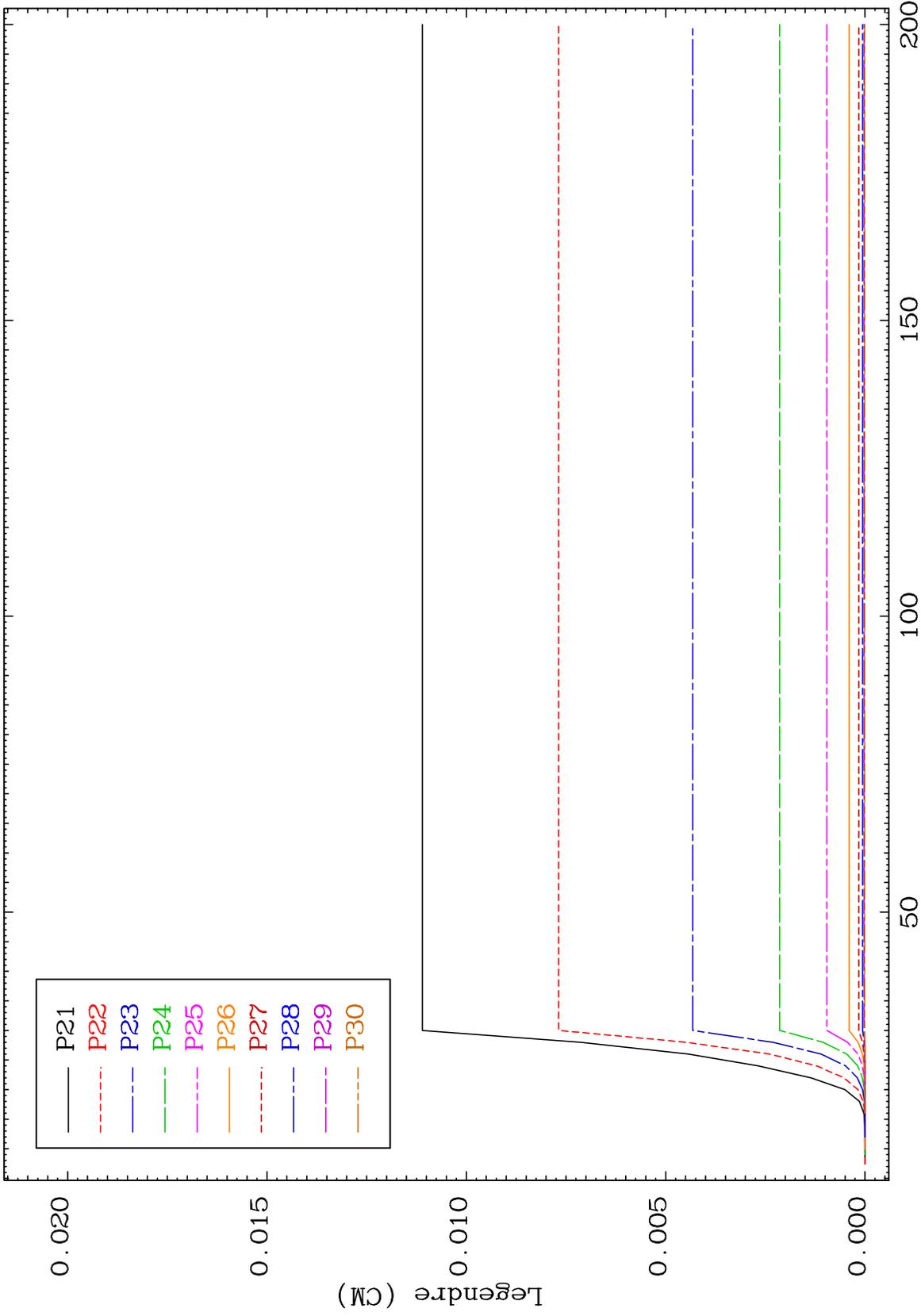
83-Bi-203



57

Incident Energy (MeV)

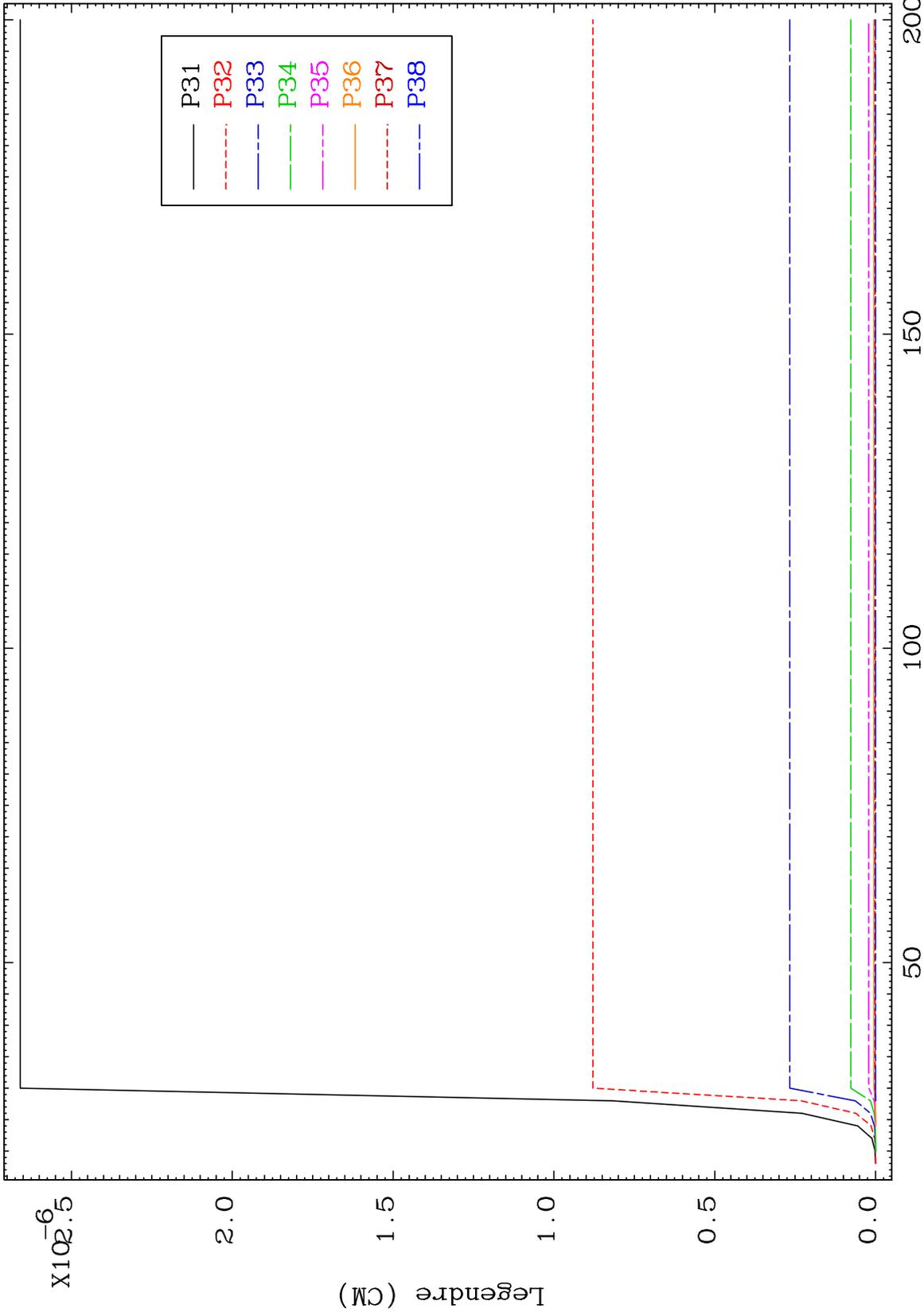
83-Bi-203



MAT 8307

MT= 60 (n,n') Level  
Legendre Coefficients

83-Bi-203



59

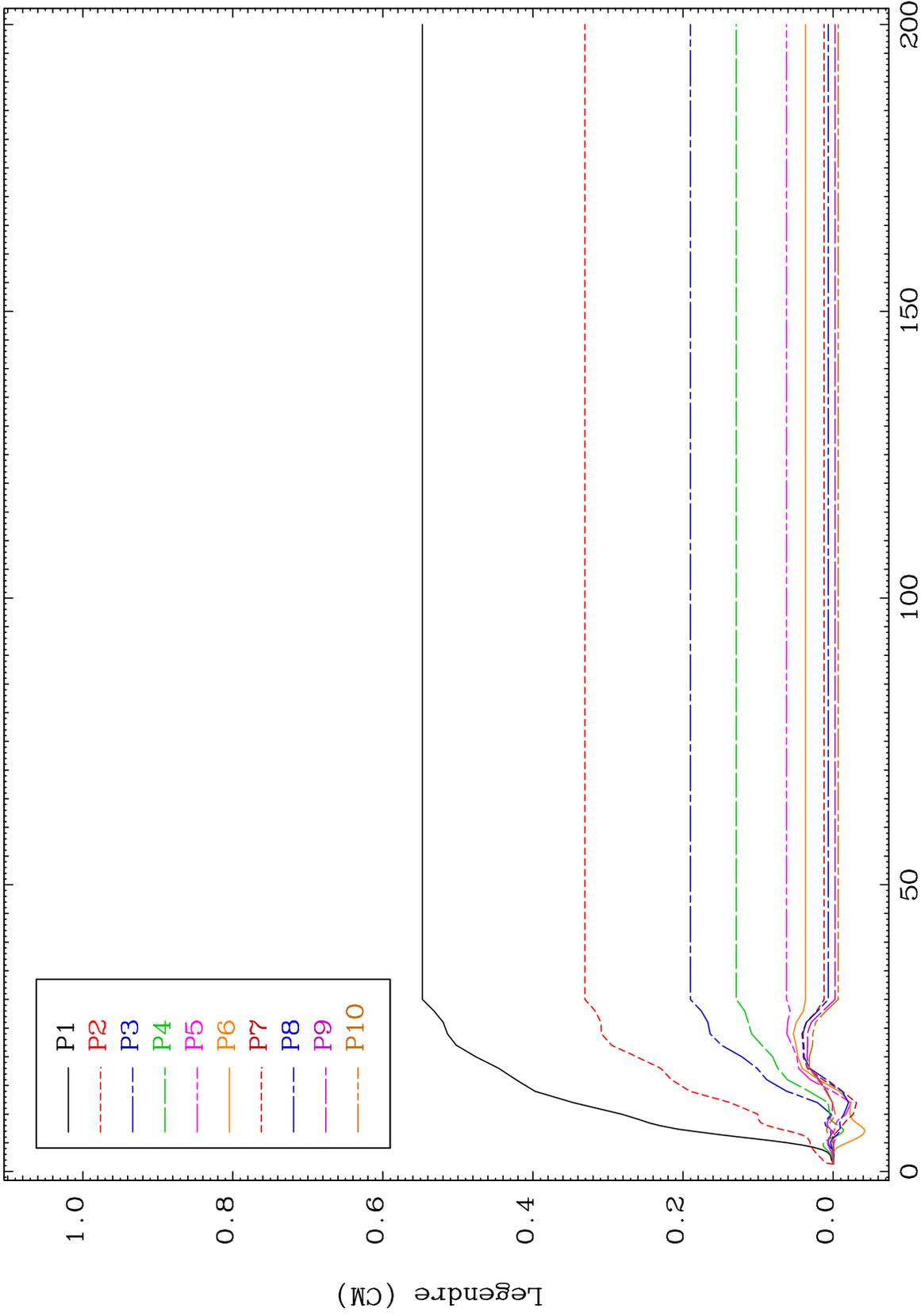
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 61 (n,n') Level  
Legendre Coefficients

83-Bi-203



83-Bi-203

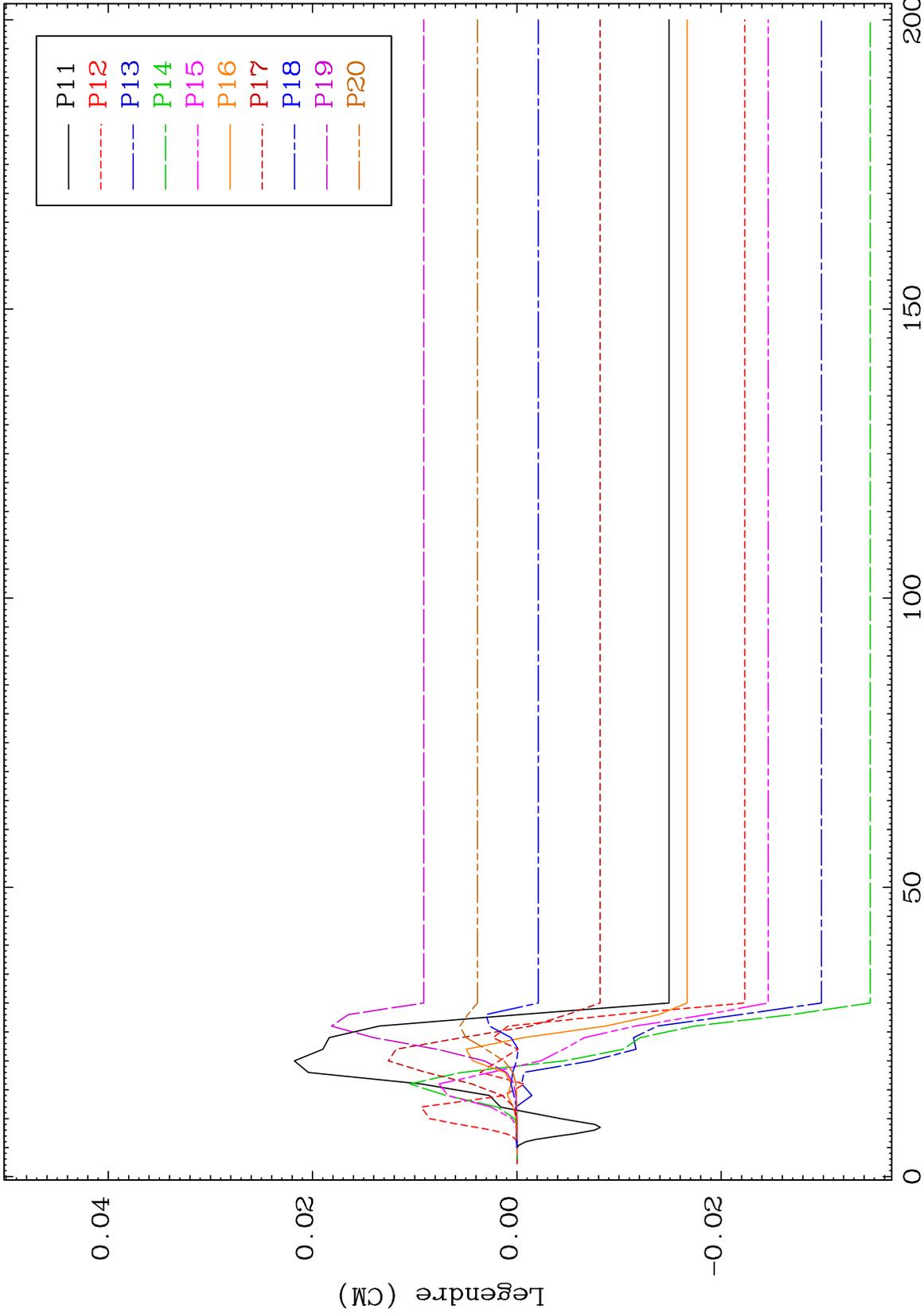
Incident Energy (MeV)

60

MAT 8307

MT= 61 (n,n') Level  
Legendre Coefficients

83-Bi-203



61

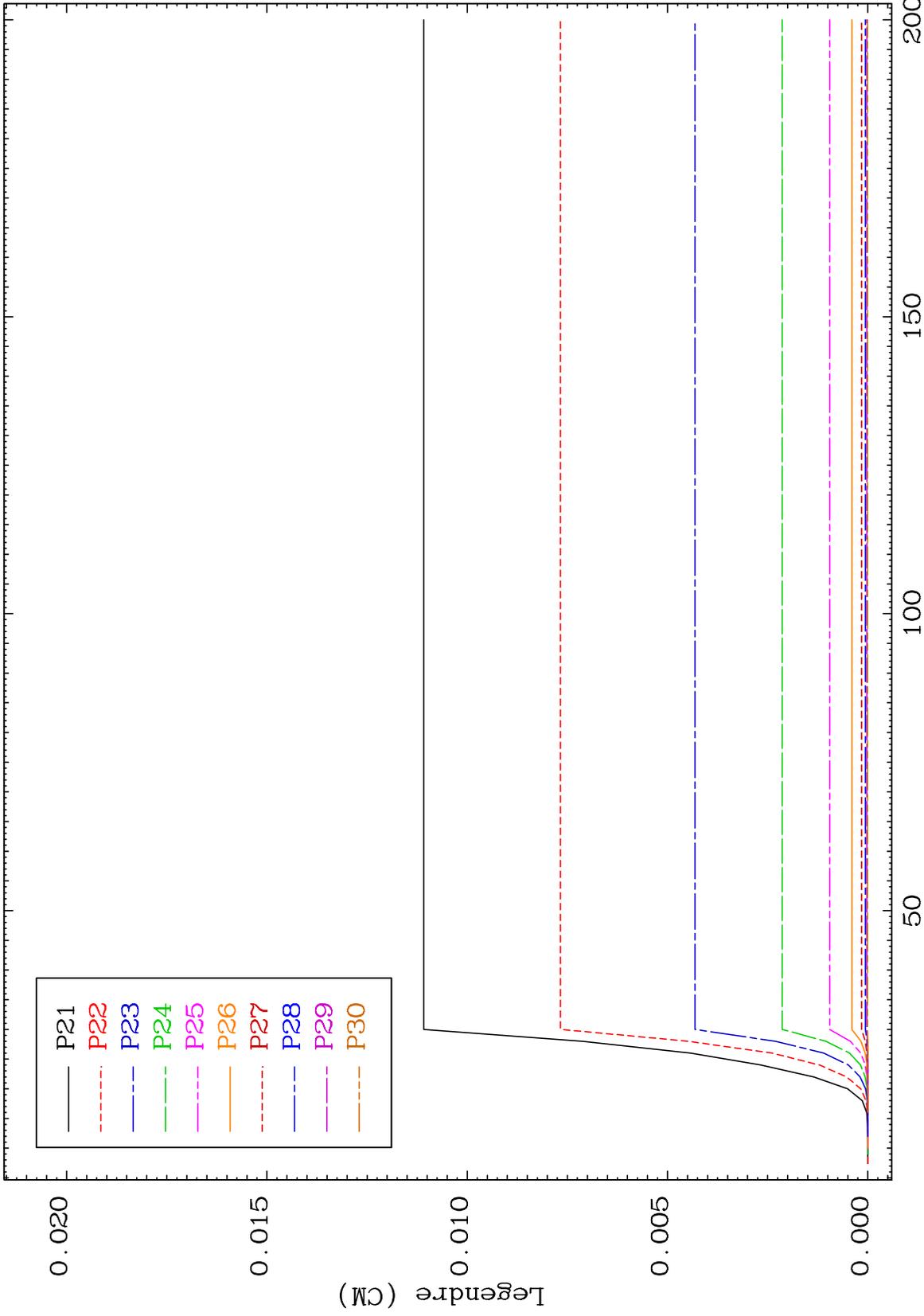
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 61 (n,n') Level  
Legendre Coefficients

83-Bi-203



62

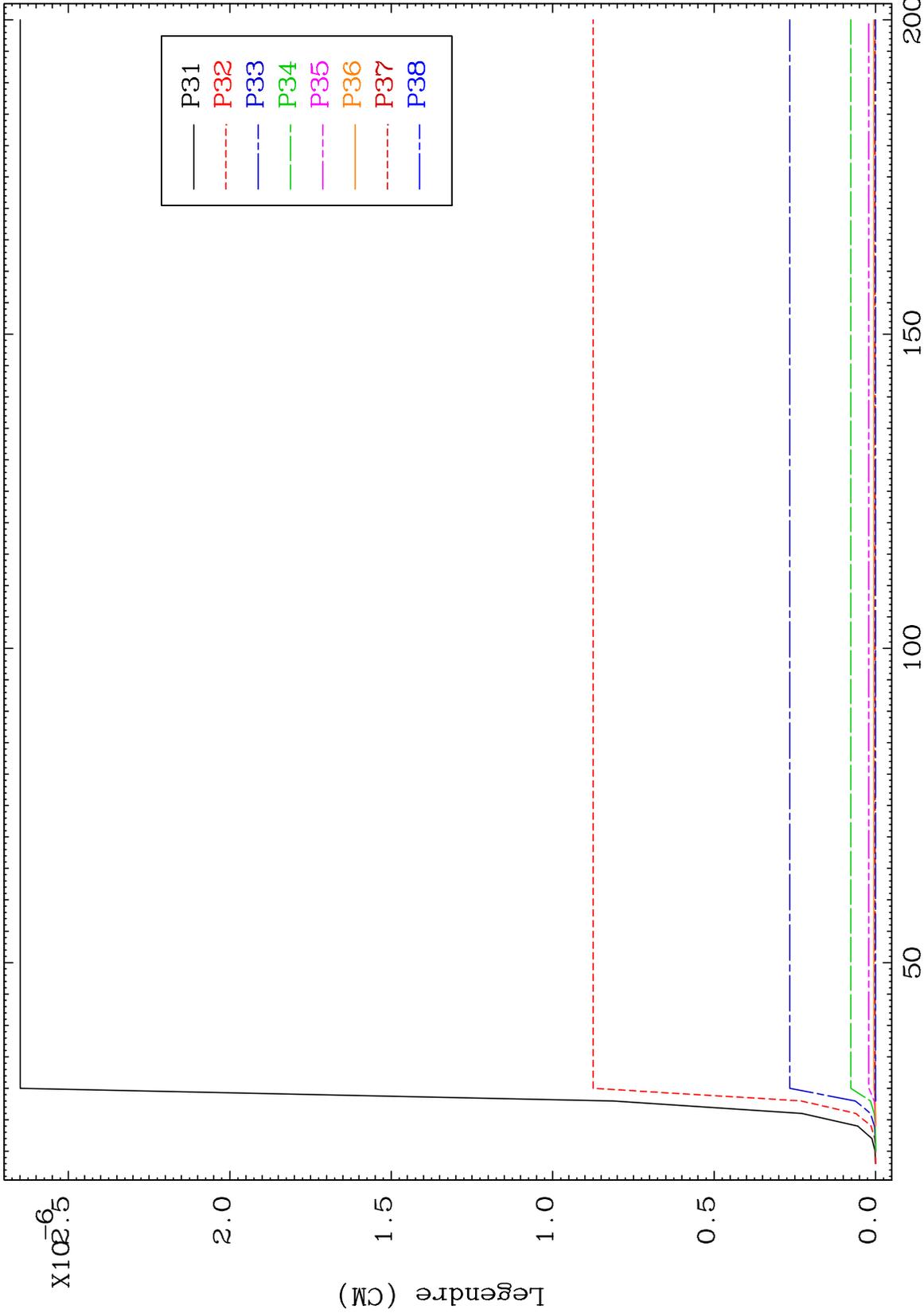
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 61 (n,n') Level  
Legendre Coefficients

83-Bi-203



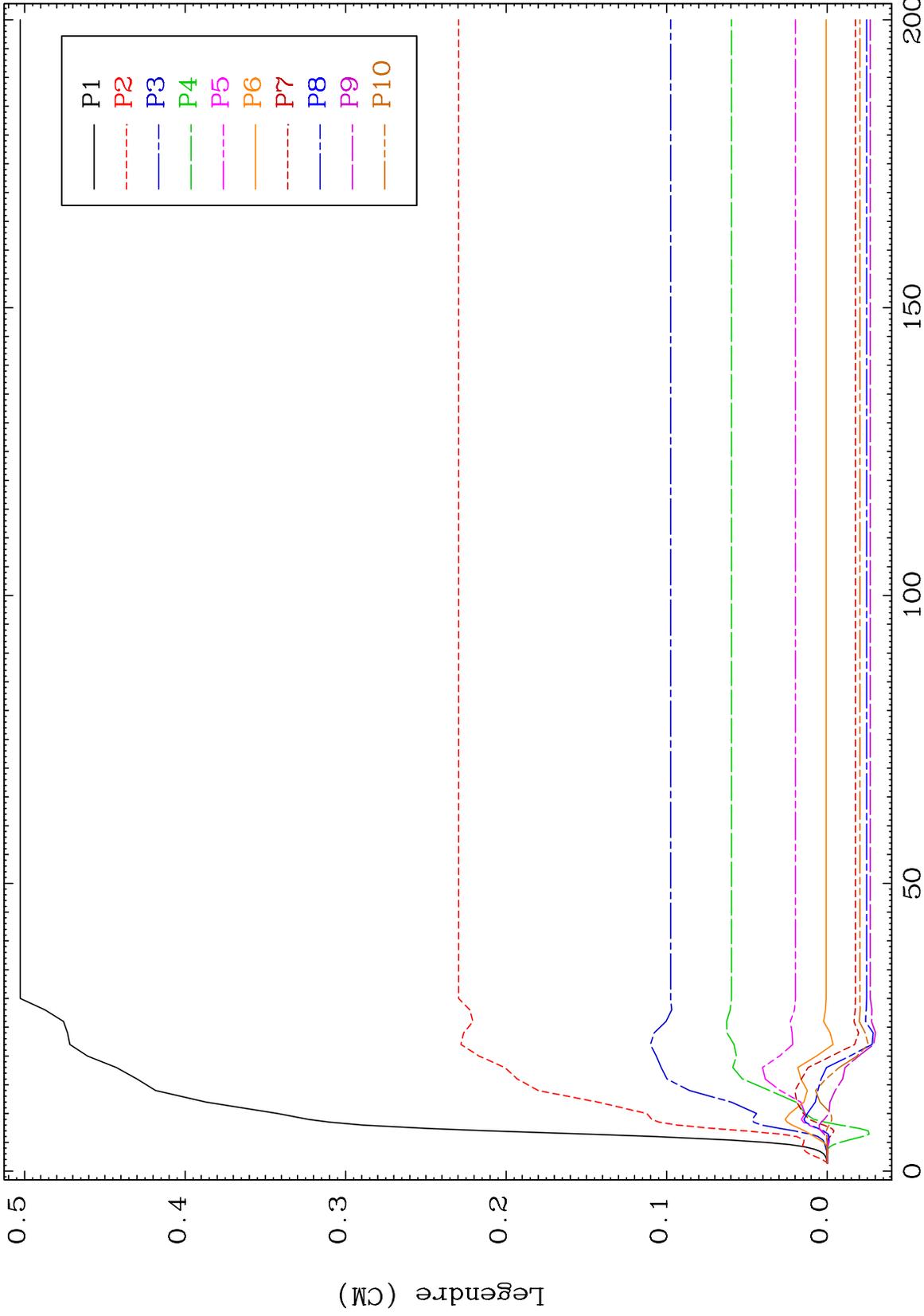
63

83-Bi-203

MAT 8307

MT= 62 (n,n') Level  
Legendre Coefficients

83-Bi-203



64

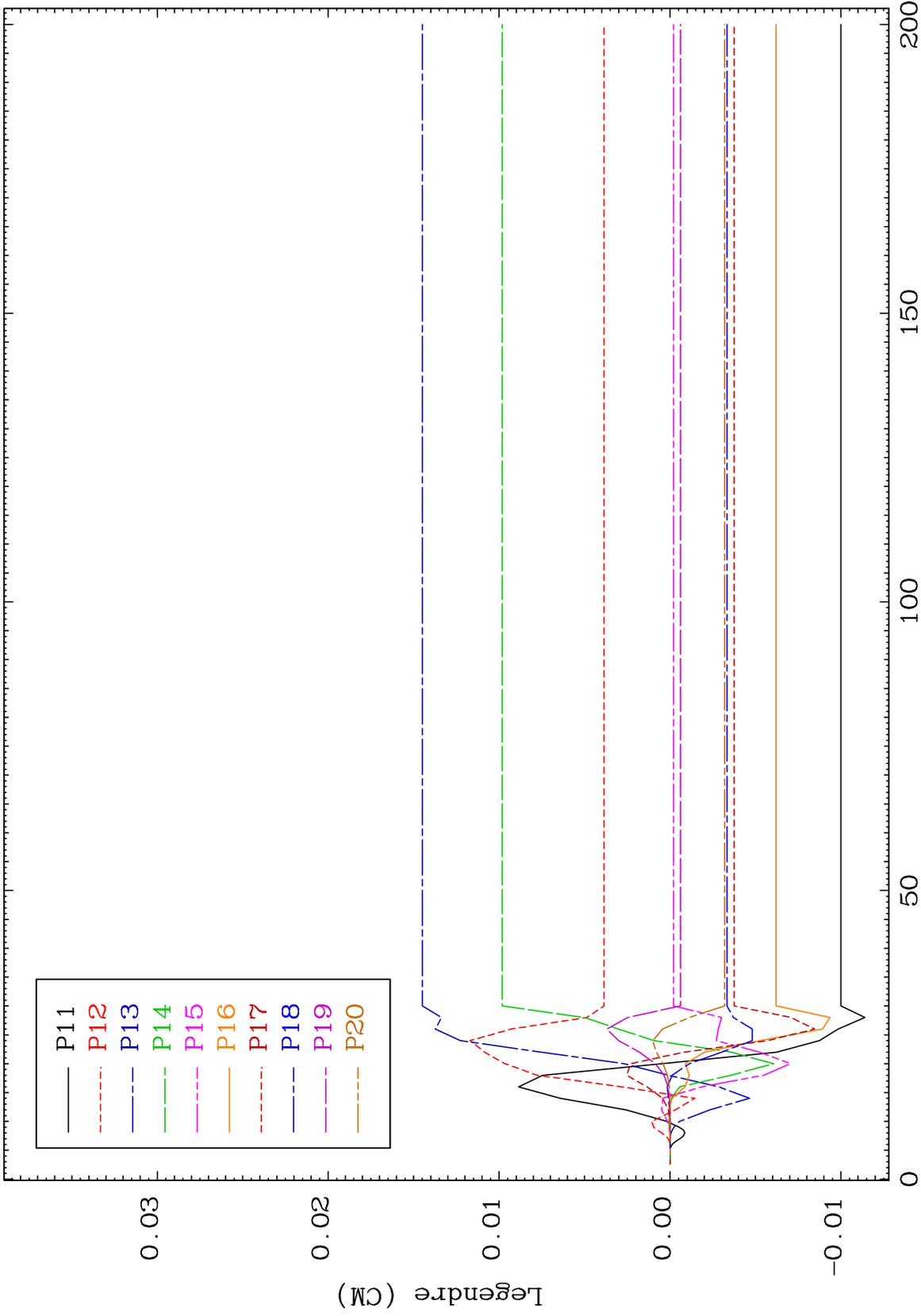
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 62 (n,n') Level  
Legendre Coefficients

83-Bi-203



65

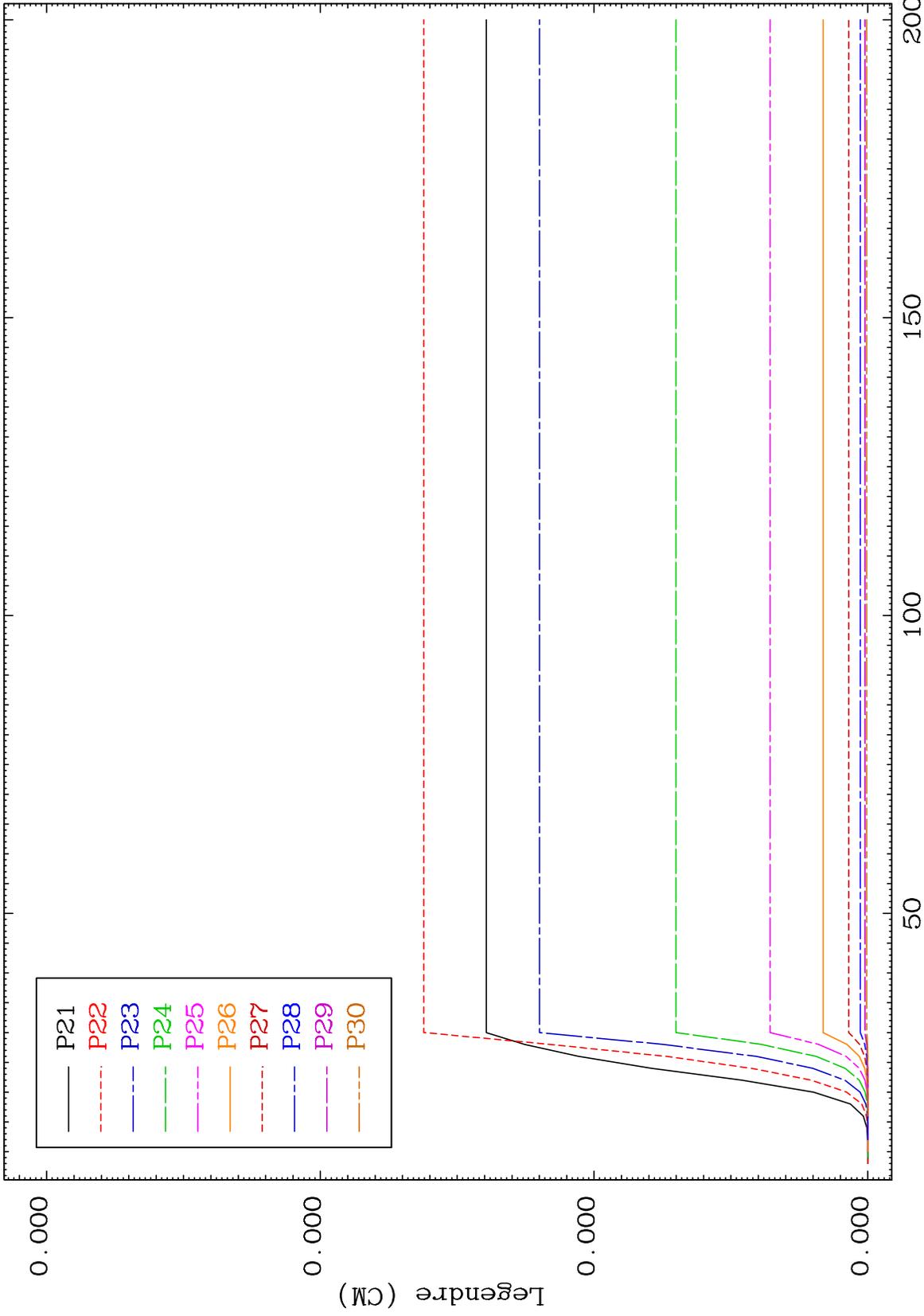
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83-Bi-203

MAT 8307

MT= 62 (n,n') Level  
Legendre Coefficients

83-Bi-203



66

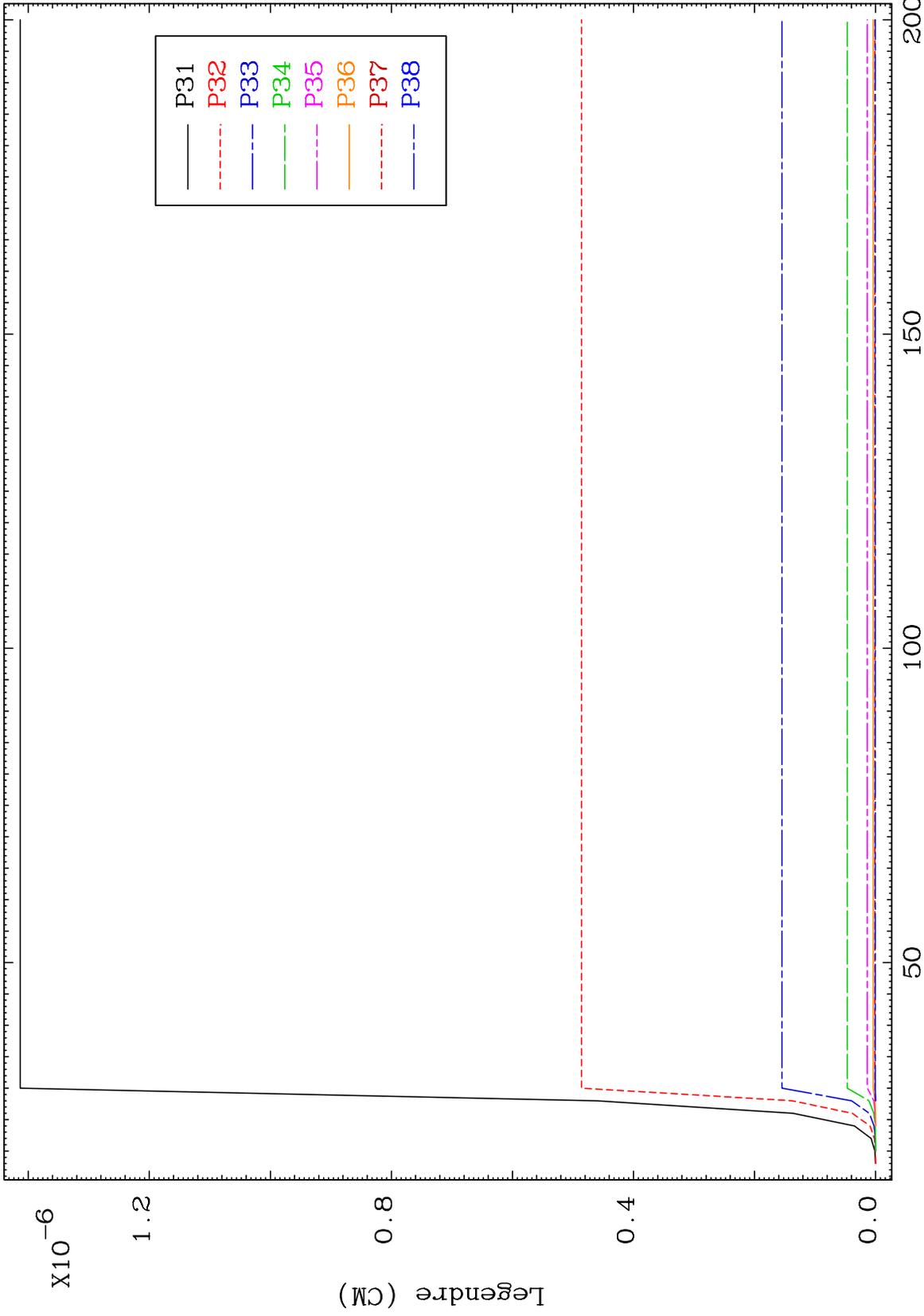
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83-Bi-203

MAT 8307

MT= 62 (n,n') Level  
Legendre Coefficients

83-Bi-203



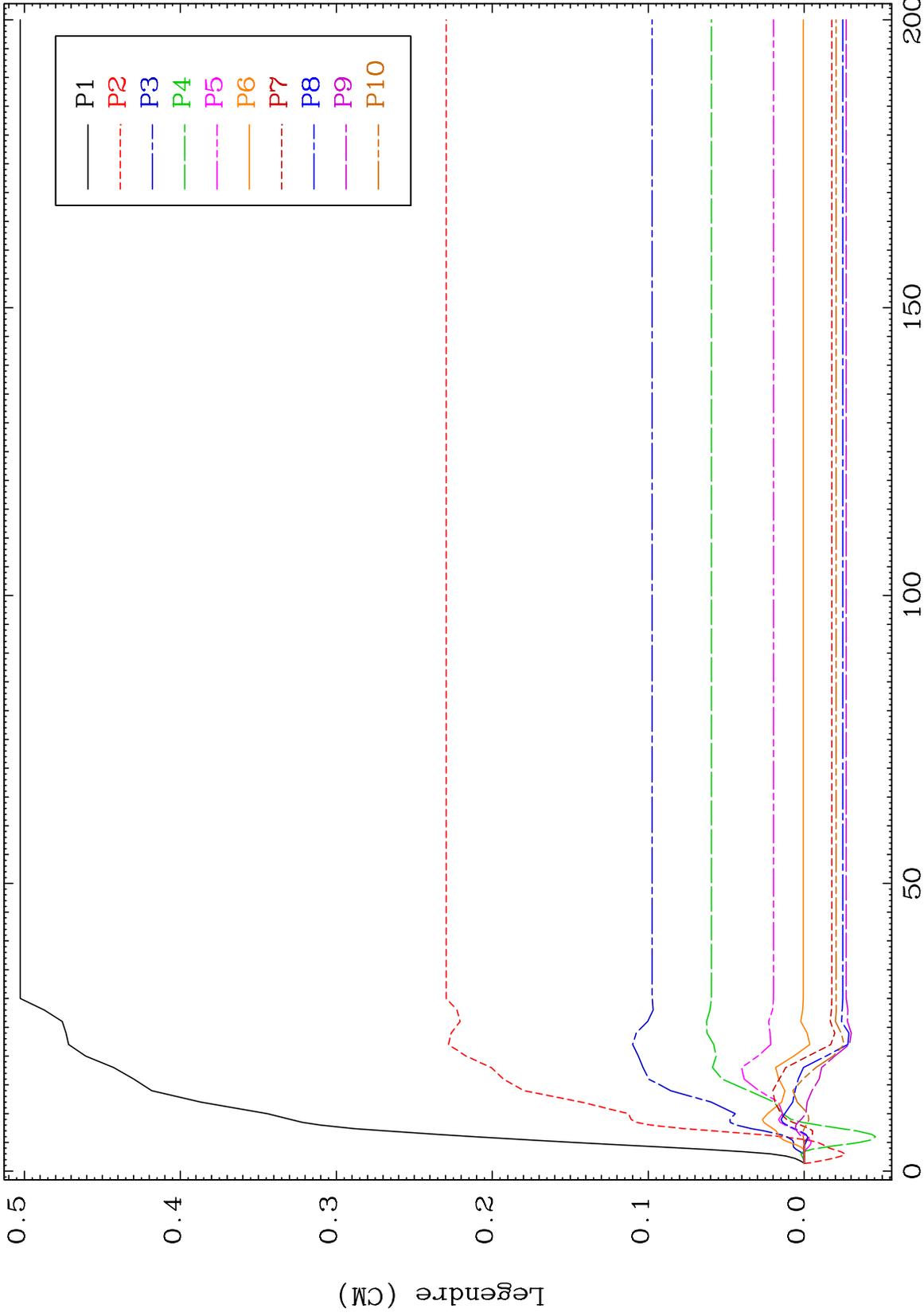
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83-Bi-203

MAT 8307

MT= 63 (n,n') Level  
Legendre Coefficients

83-Bi-203



68

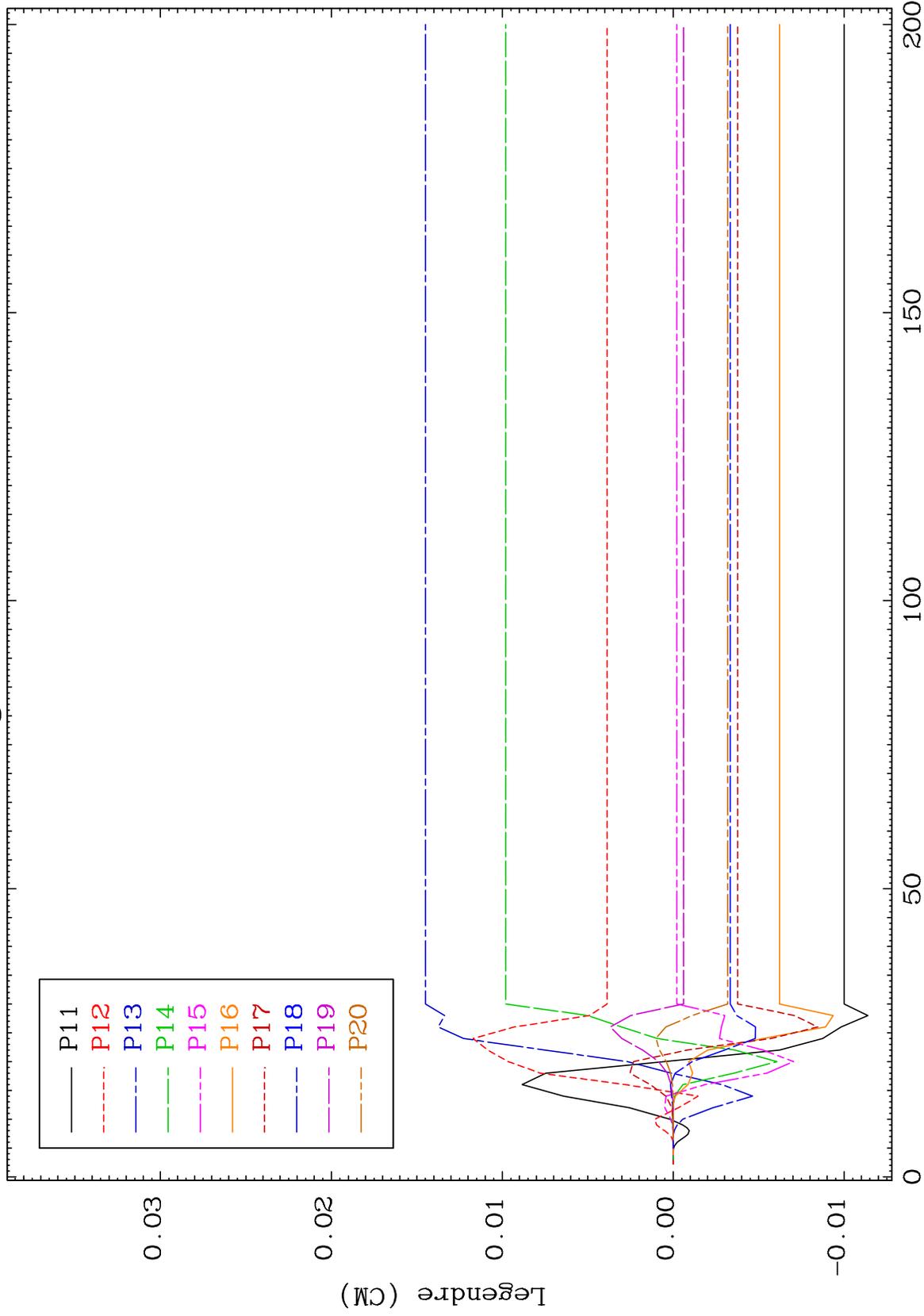
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83-Bi-203

MAT 8307

MT= 63 (n,n') Level  
Legendre Coefficients

83-Bi-203



69

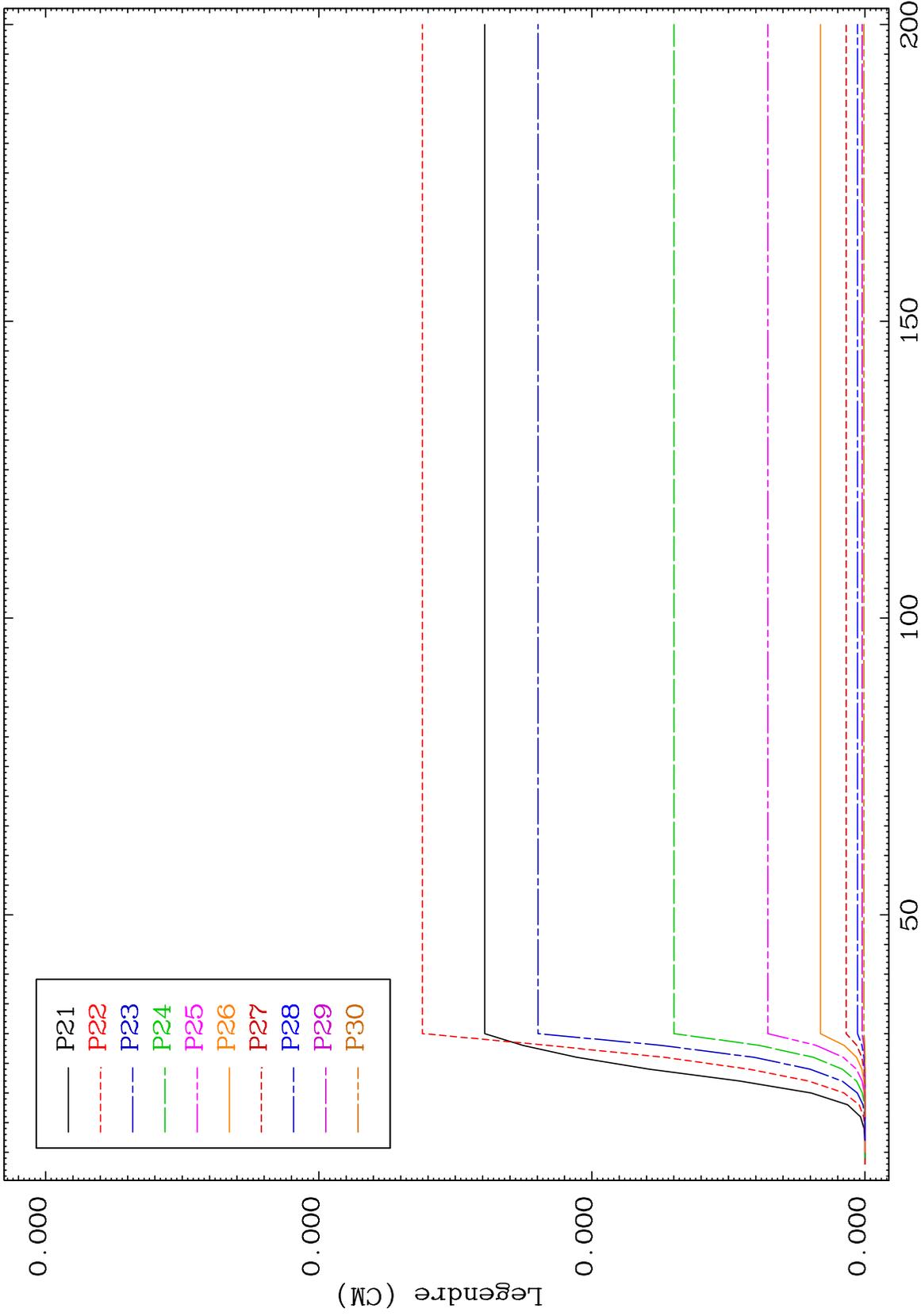
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 63 (n,n') Level  
Legendre Coefficients

83-Bi-203



70

Incident Energy (MeV)

50

100

150

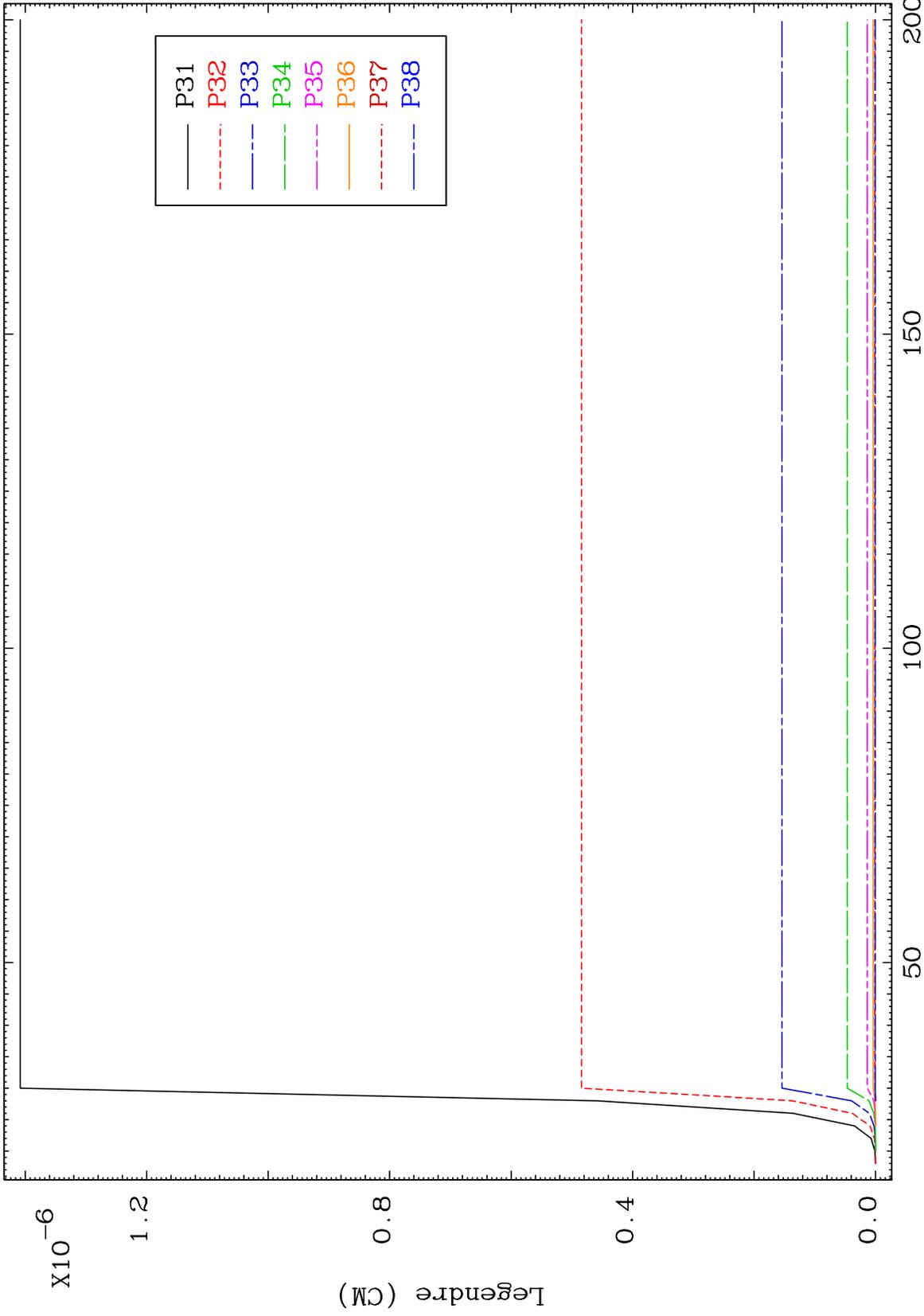
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83-Bi-203

MAT 8307

MT= 63 (n,n') Level  
Legendre Coefficients

83-Bi-203



71

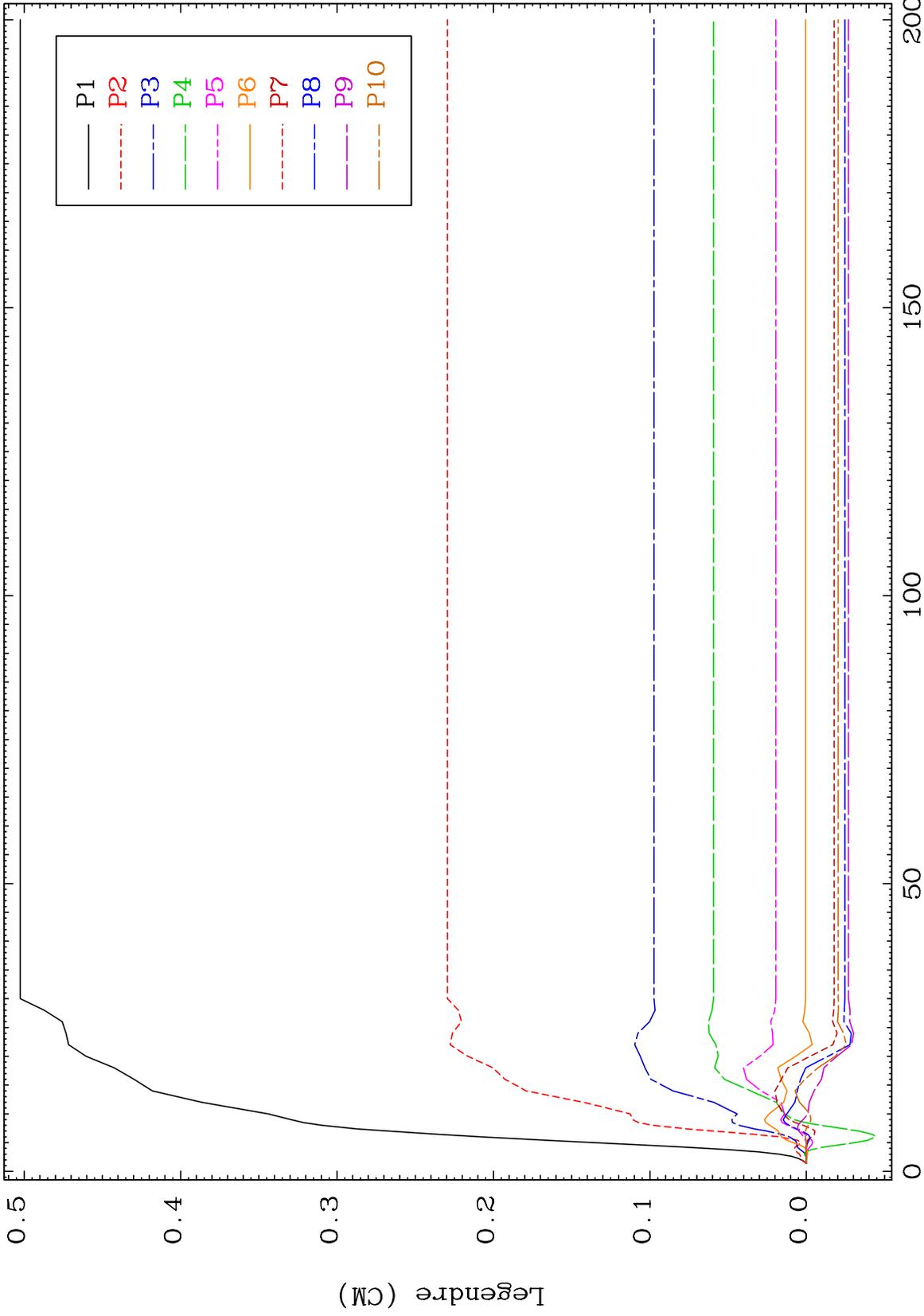
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 64 (n,n') Level  
Legendre Coefficients

83-Bi-203



72

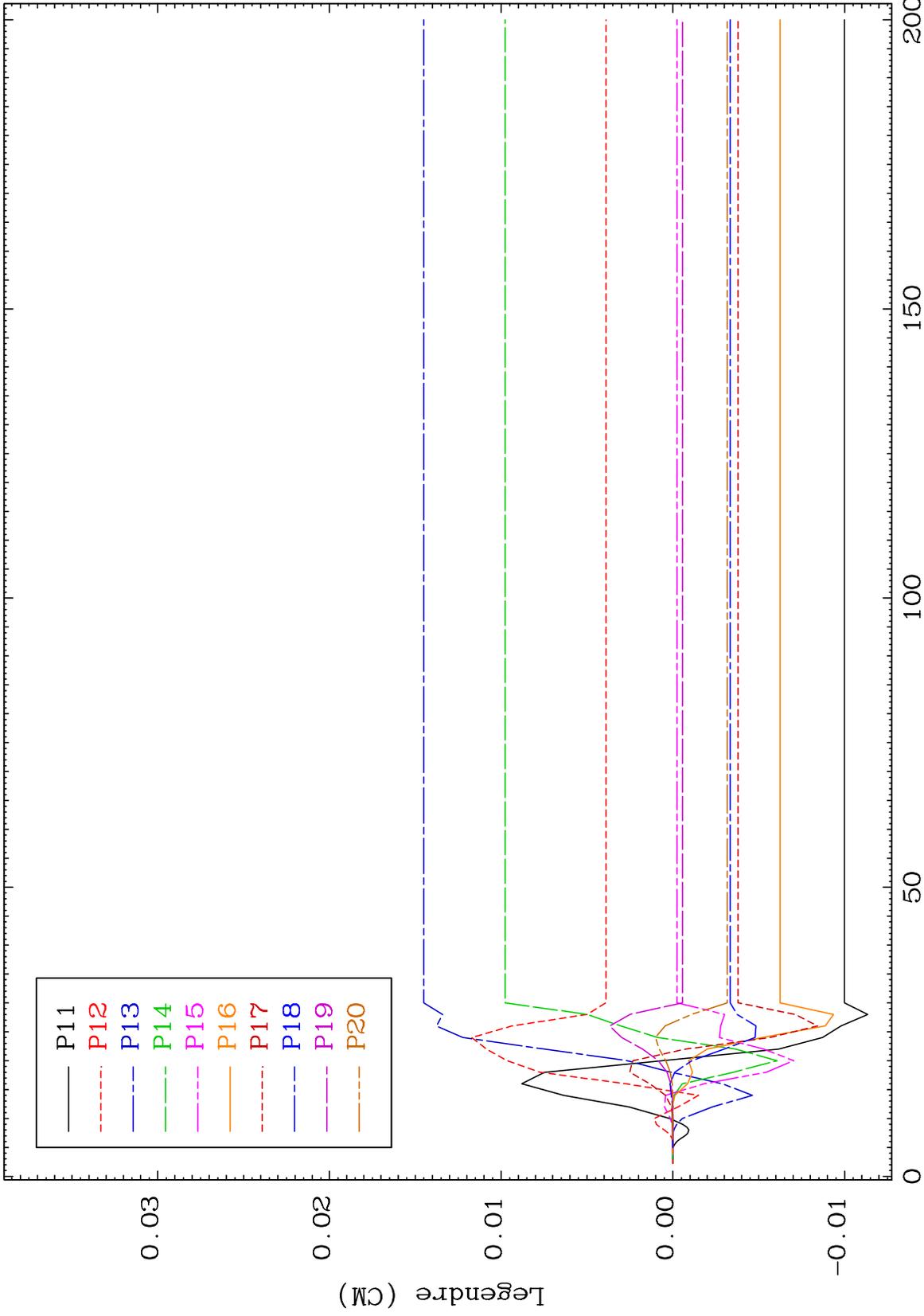
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83-Bi-203

MAT 8307

MT= 64 (n,n') Level  
Legendre Coefficients

83-Bi-203



73

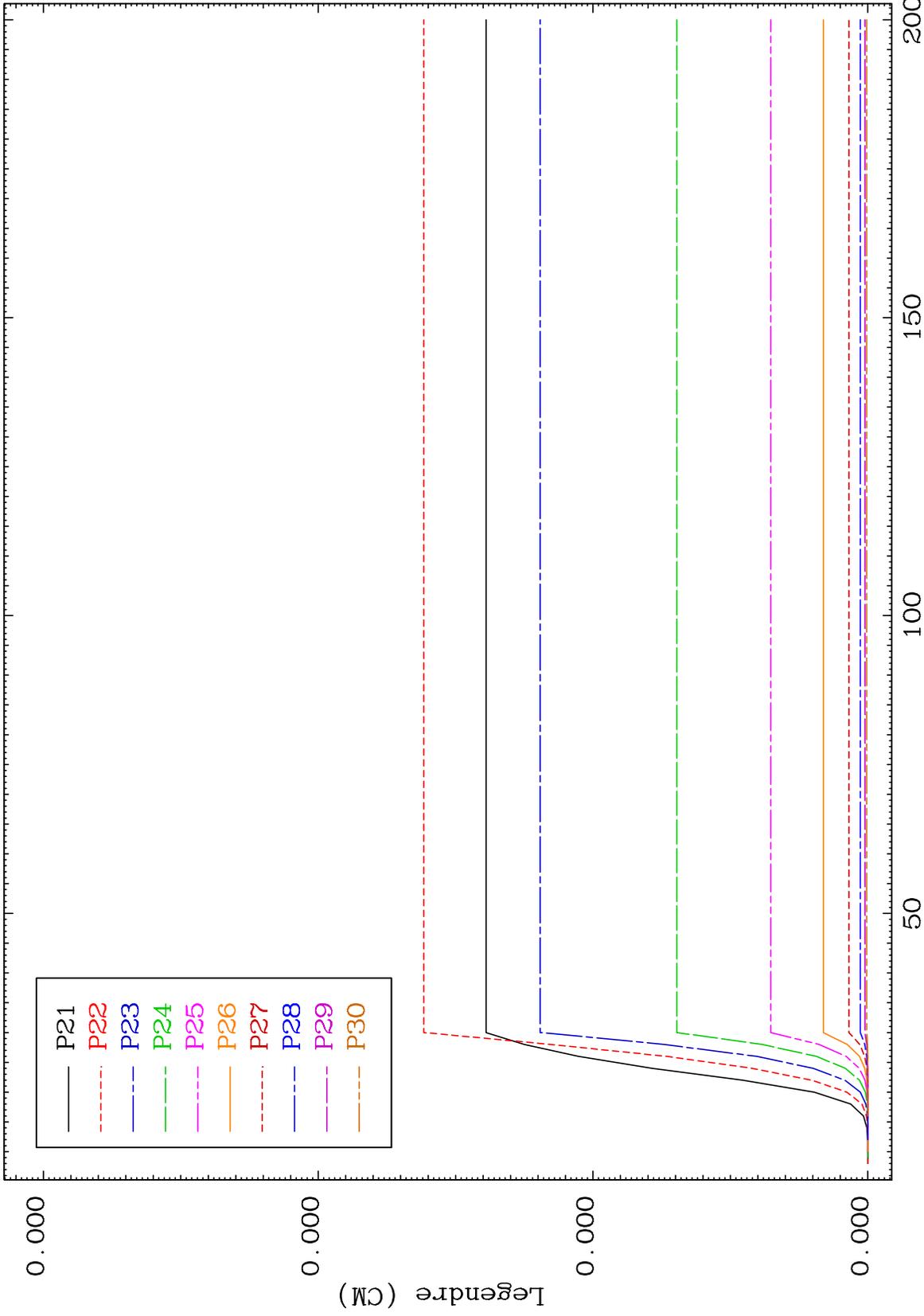
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83-Bi-203

MAT 8307

MT= 64 (n,n') Level  
Legendre Coefficients

83-Bi-203



74

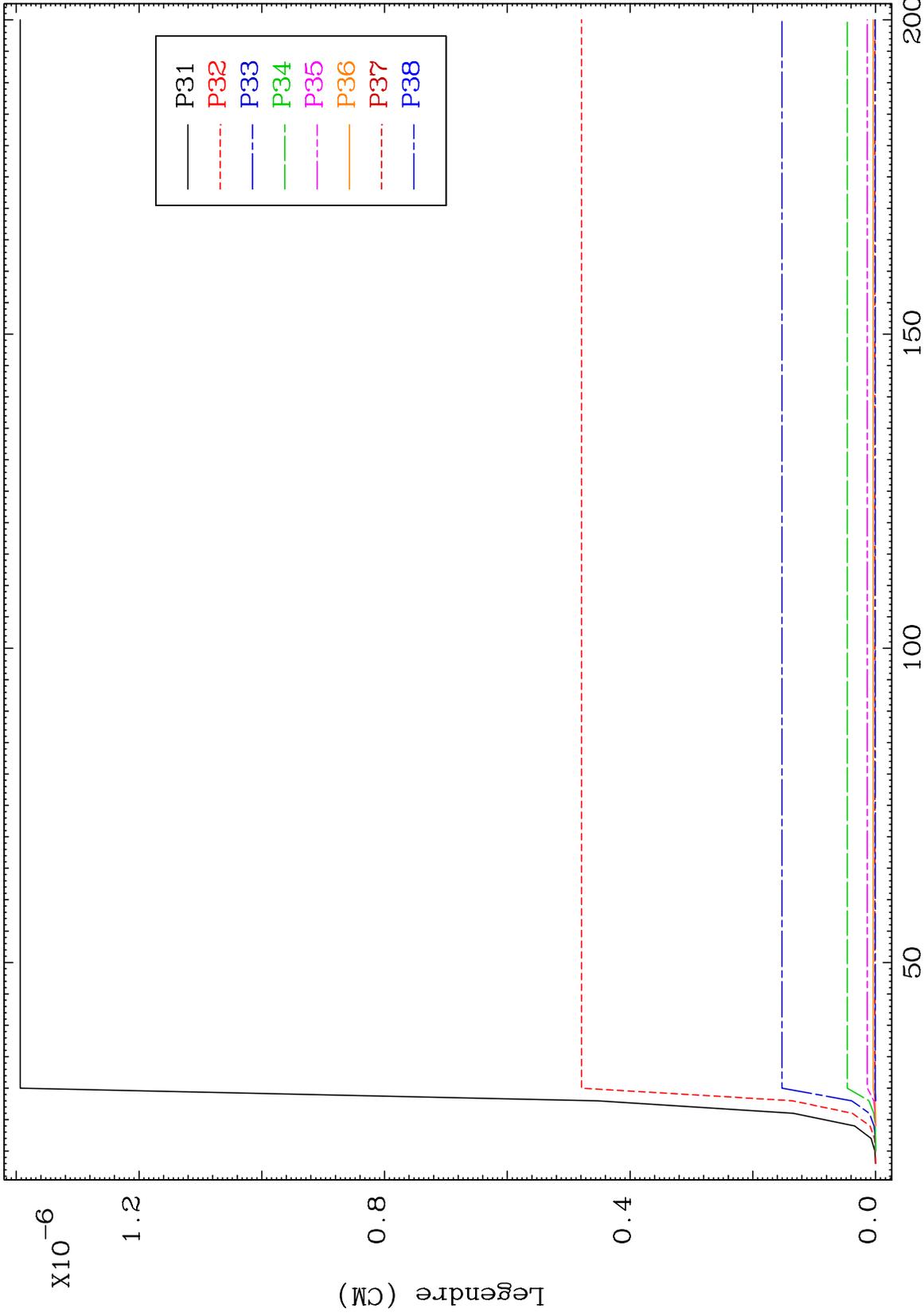
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83-Bi-203

MAT 8307

MT= 64 (n,n') Level  
Legendre Coefficients

83-Bi-203



75

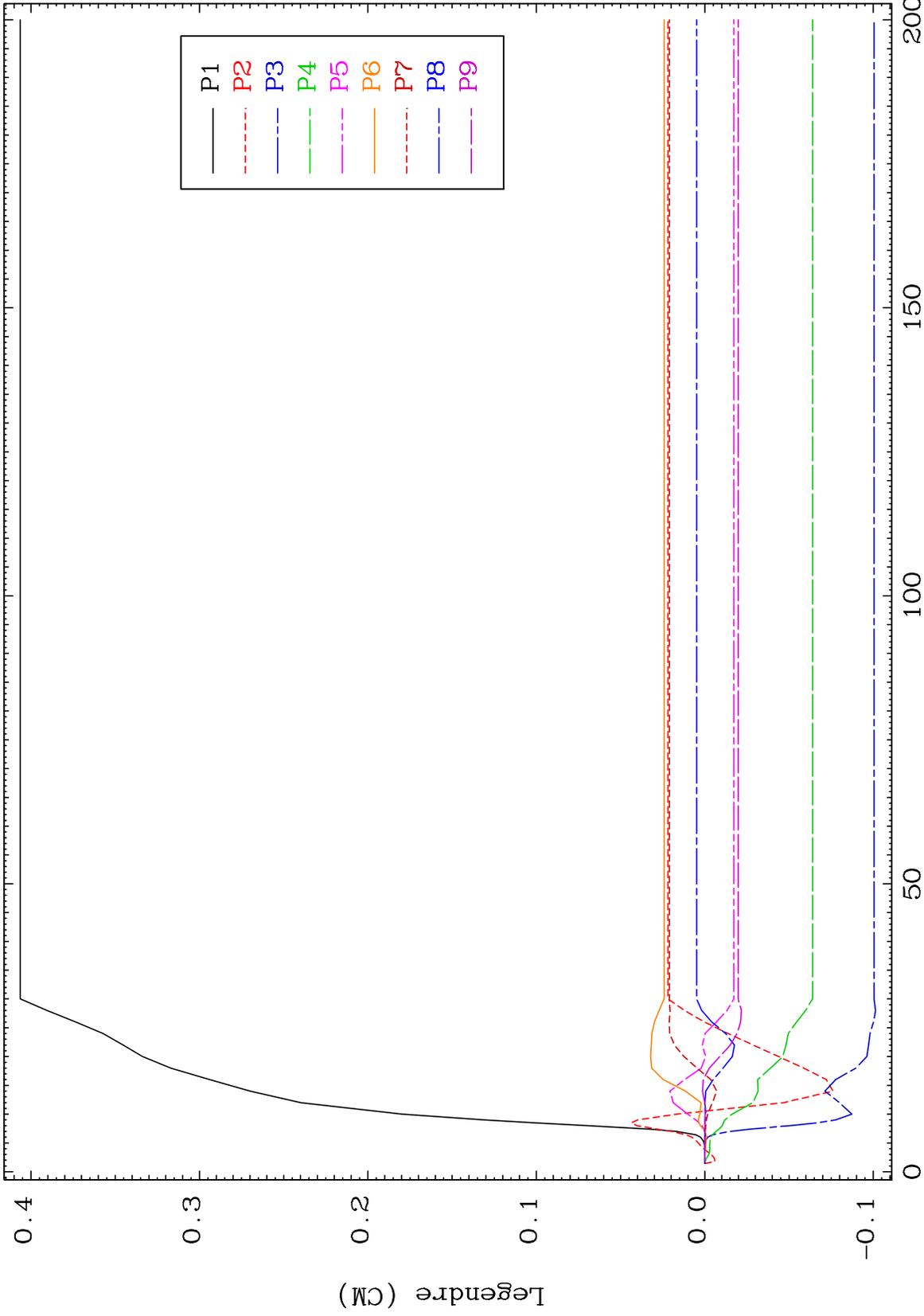
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83-Bi-203

MAT 8307

MT= 65 (n,n') Level  
Legendre Coefficients

83-Bi-203



76

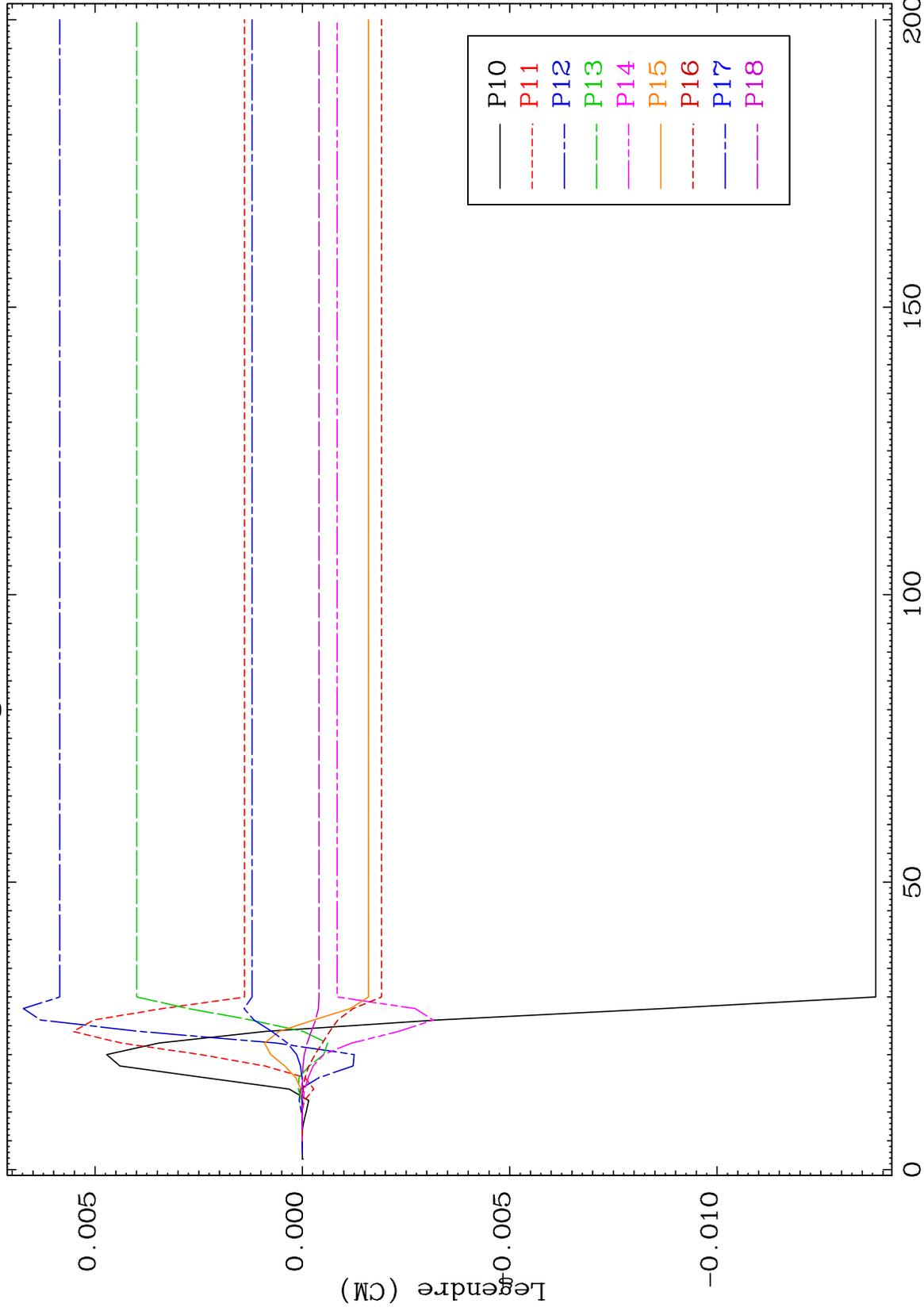
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 65 (n,n') Level  
Legendre Coefficients

83-Bi-203



77

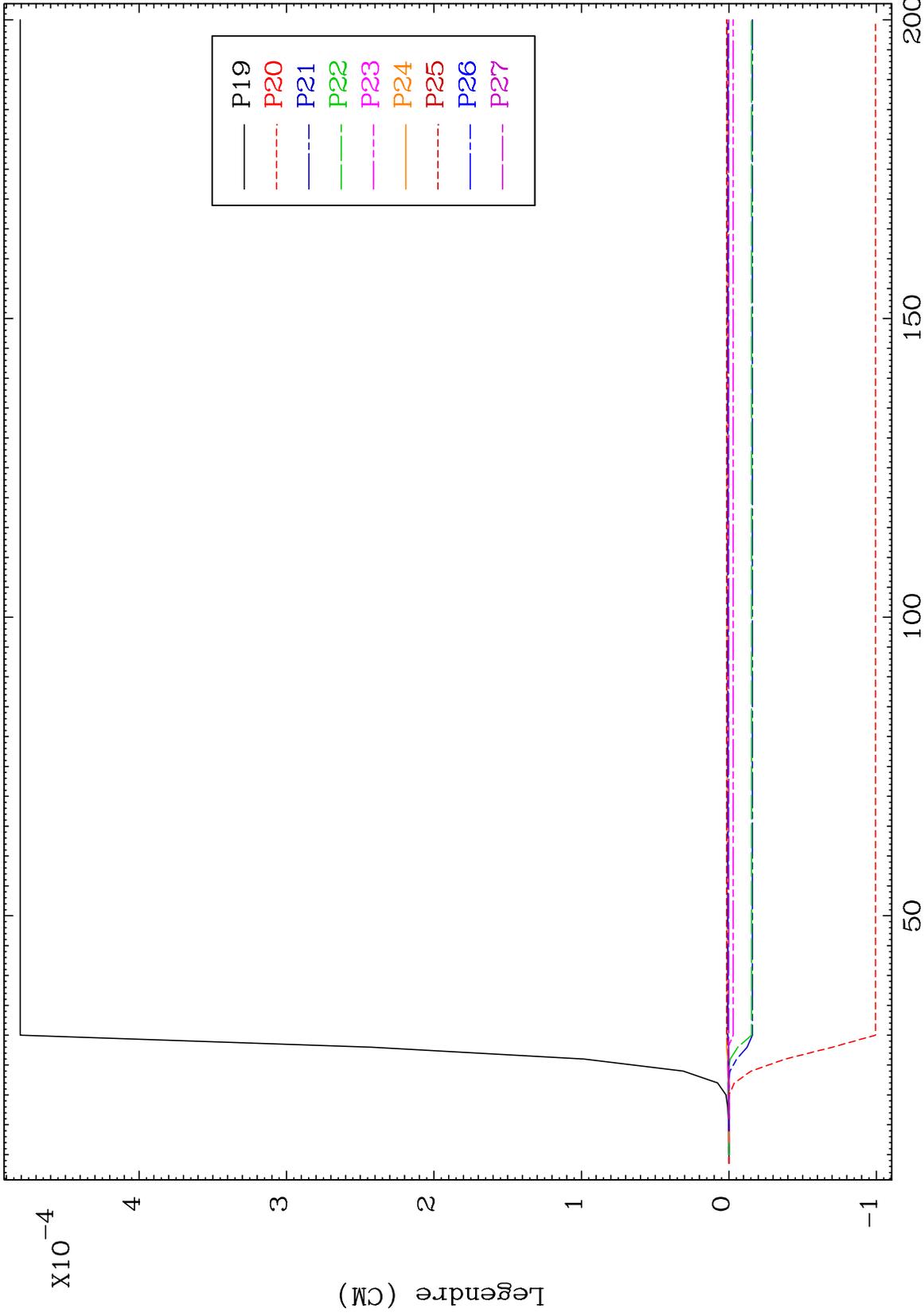
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 65 (n,n') Level  
Legendre Coefficients

83-Bi-203



78

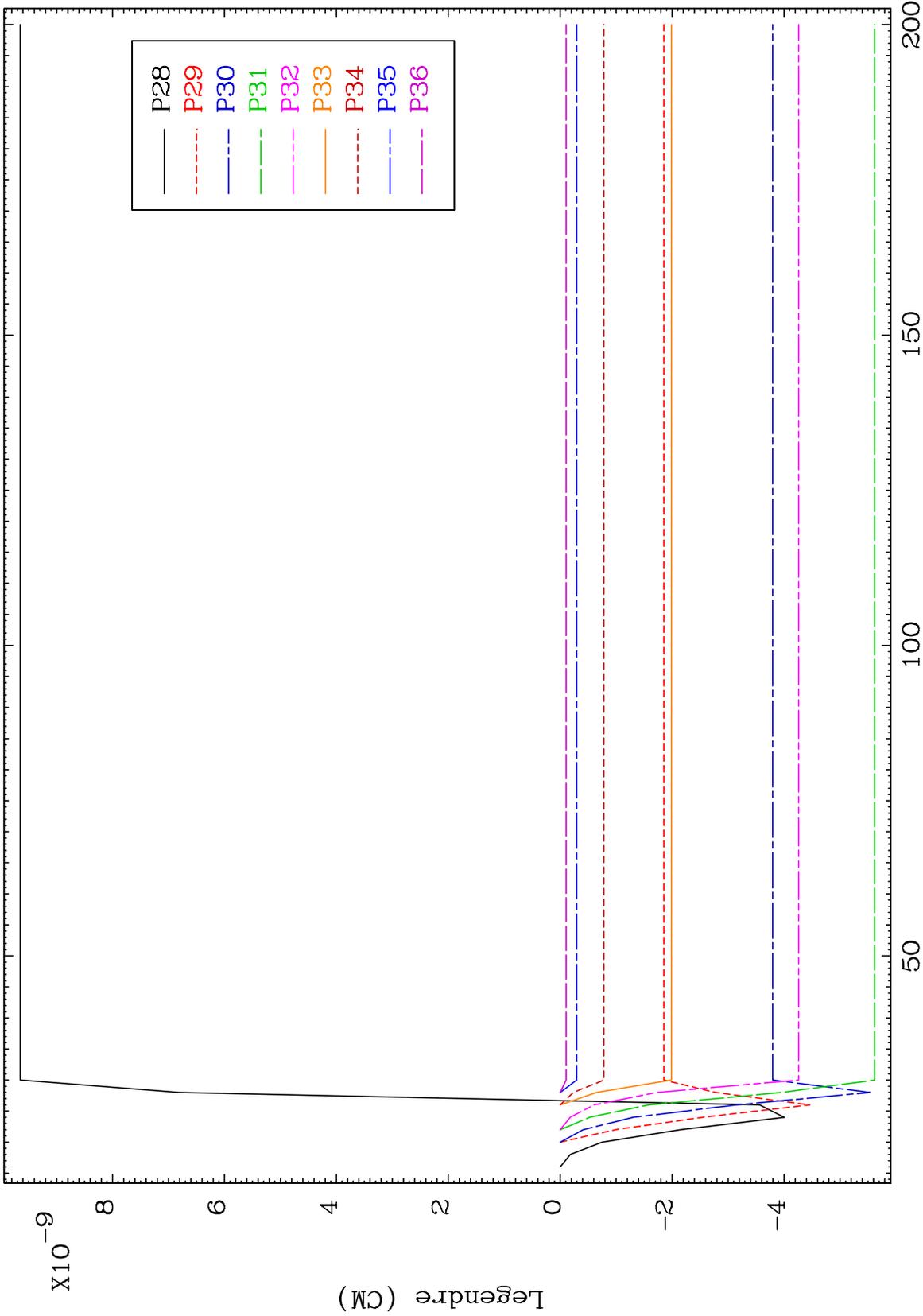
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 65 (n,n') Level  
Legendre Coefficients

83-Bi-203



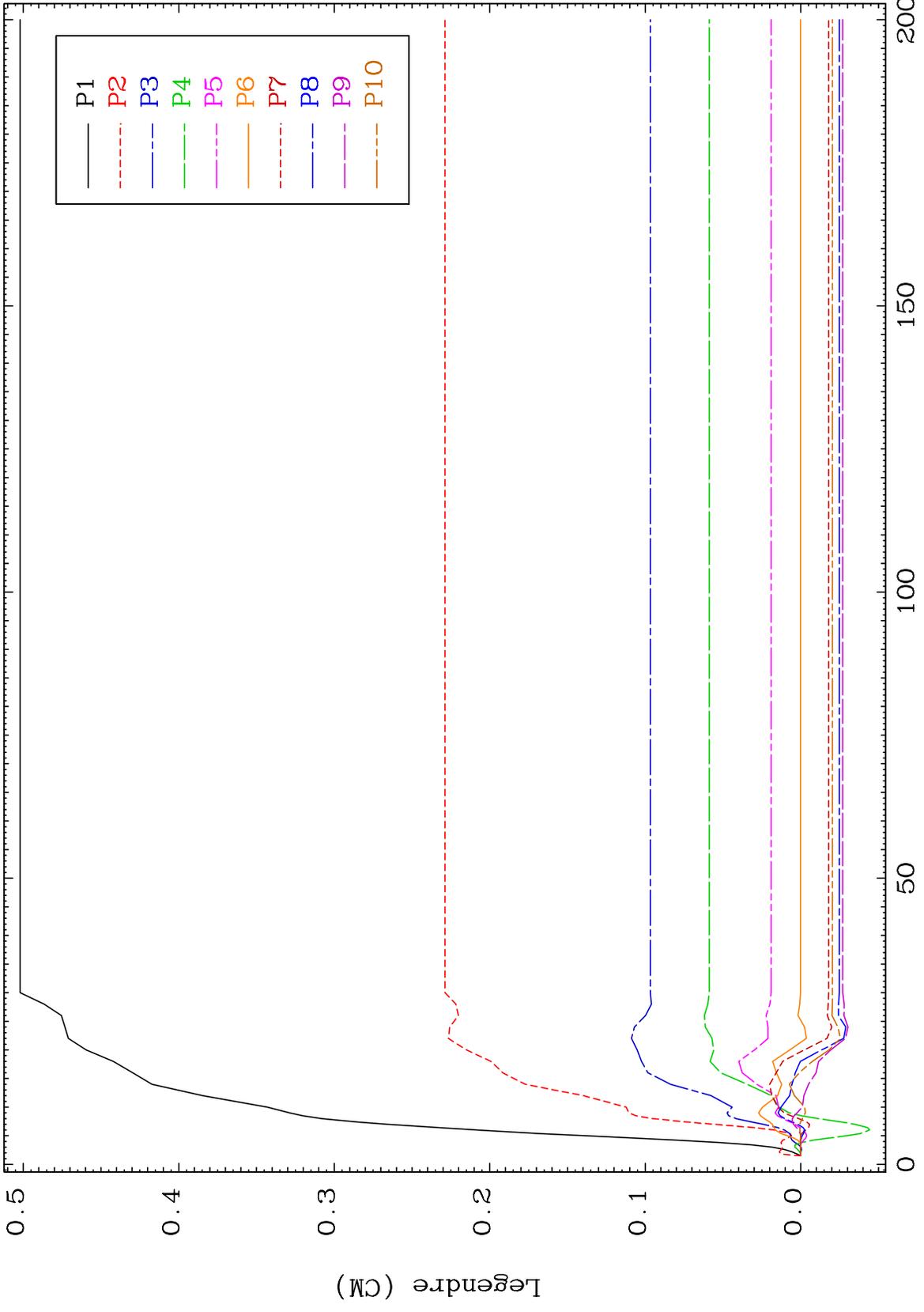
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83-Bi-203

MAT 8307

MT= 66 (n,n') Level  
Legendre Coefficients

83-Bi-203



80

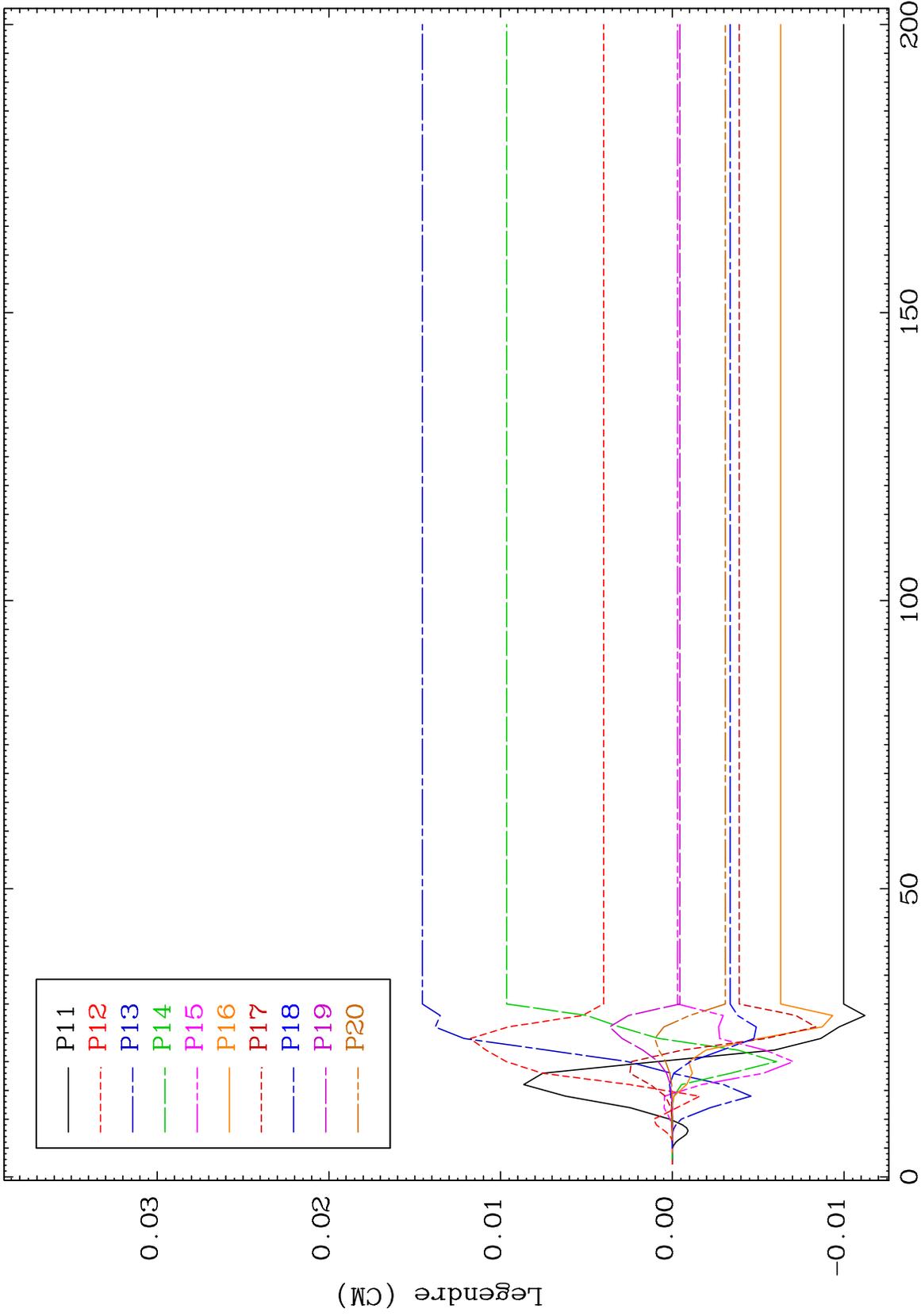
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 66 (n,n') Level  
Legendre Coefficients

83-Bi-203



81

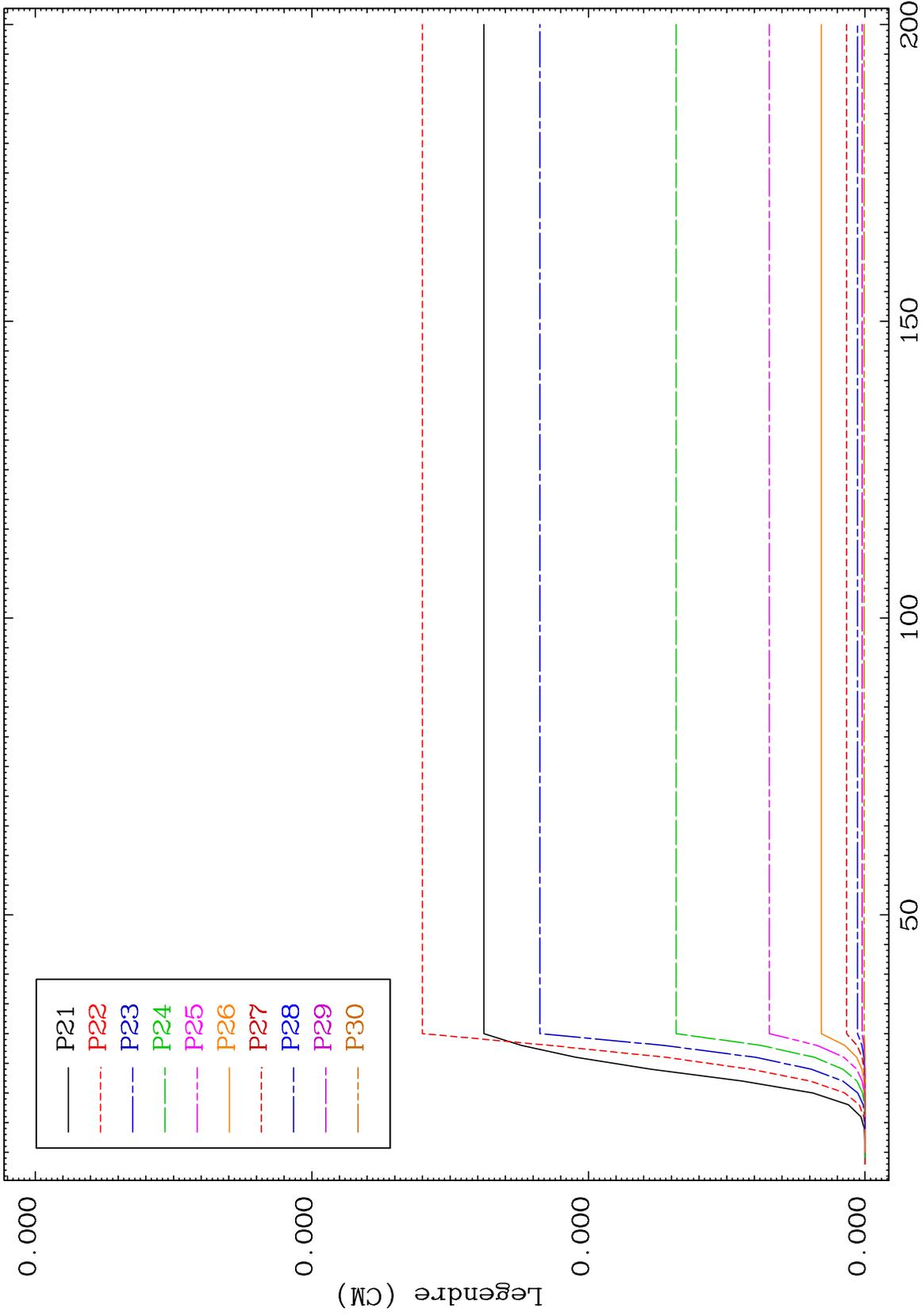
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 66 (n,n') Level  
Legendre Coefficients

83-Bi-203



82

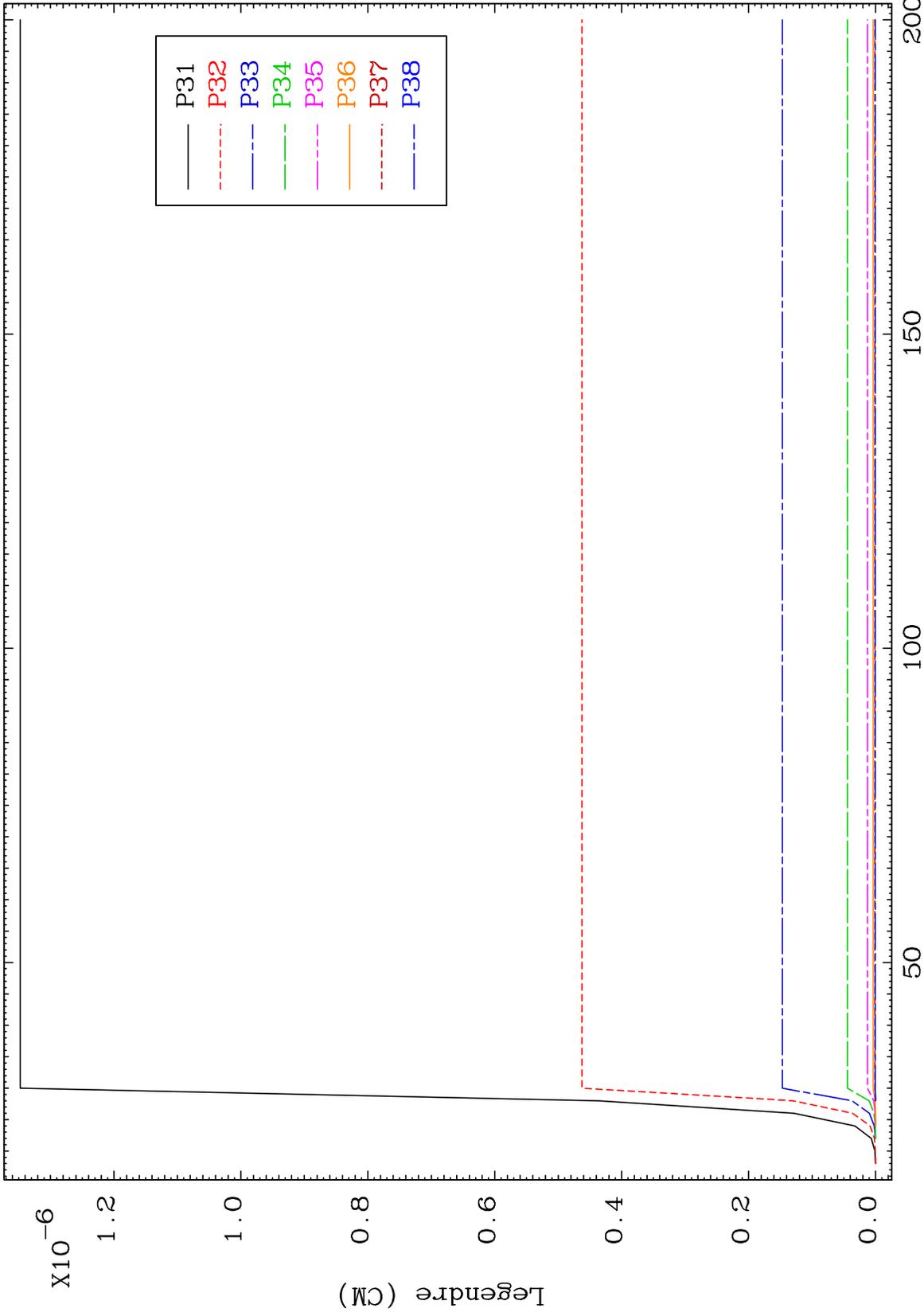
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 66 (n,n') Level  
Legendre Coefficients

83-Bi-203



83

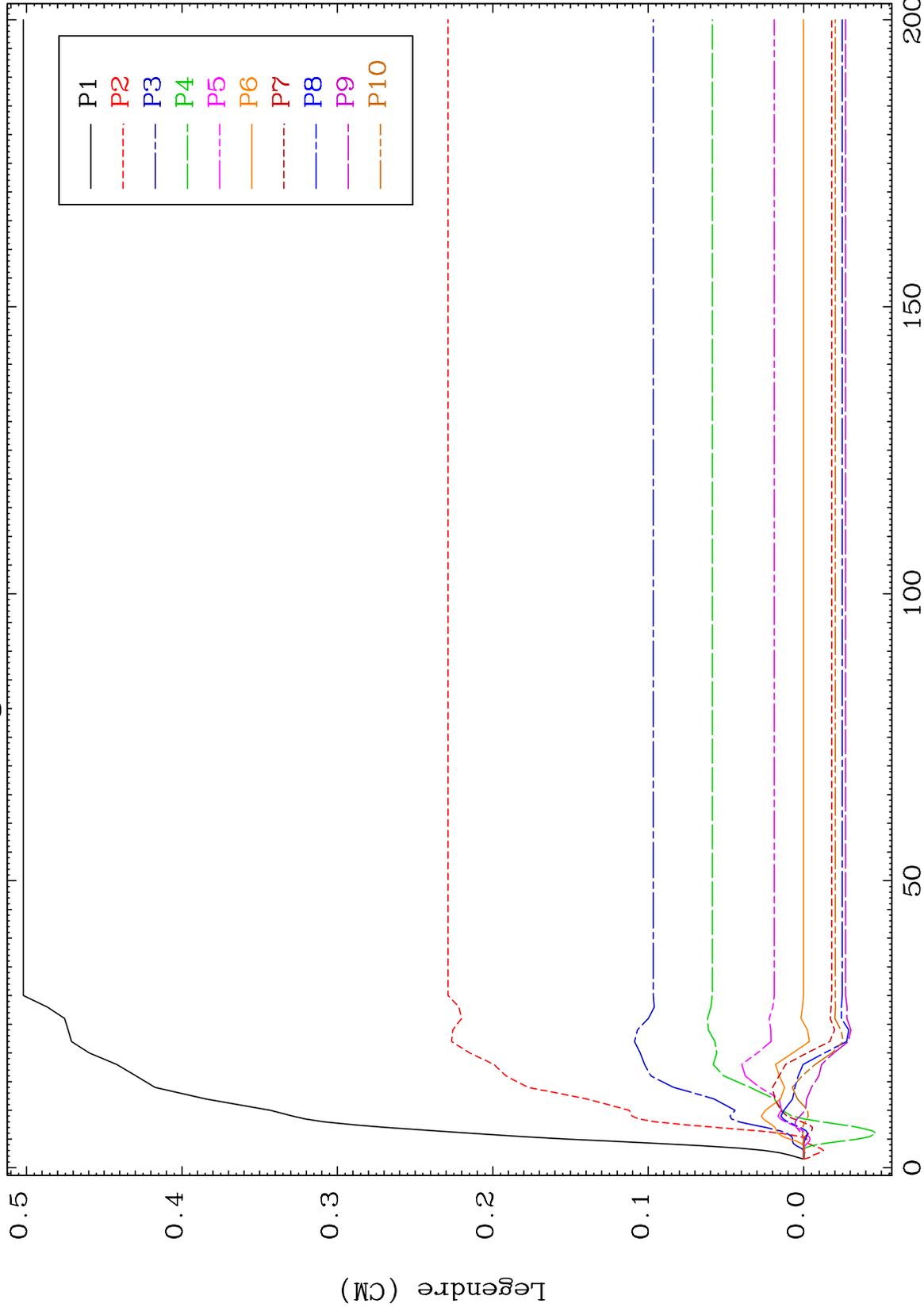
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 67 (n,n') Level  
Legendre Coefficients

83-Bi-203



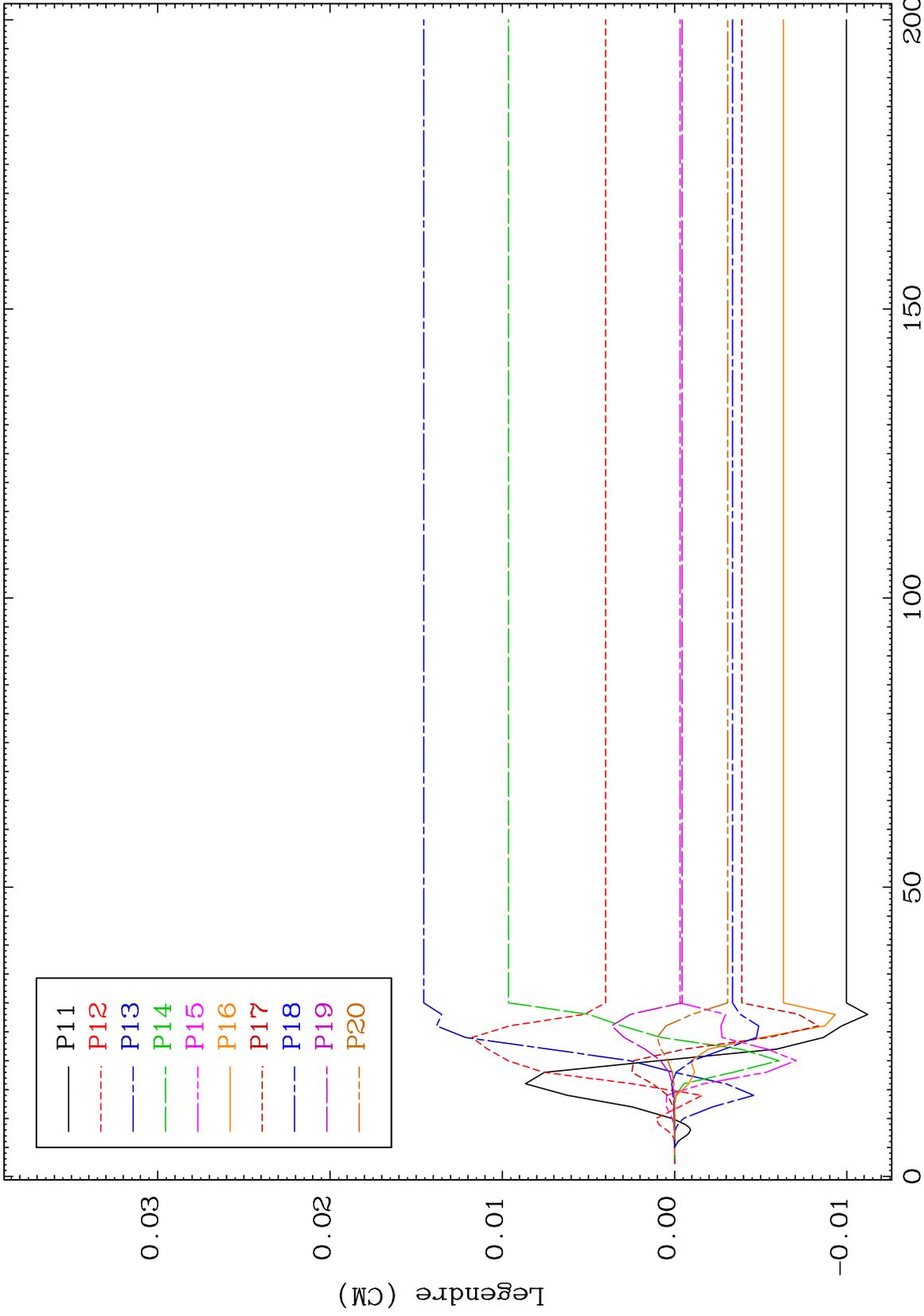
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83-Bi-203

MAT 8307

MT= 67 (n,n') Level  
Legendre Coefficients

83-Bi-203



85

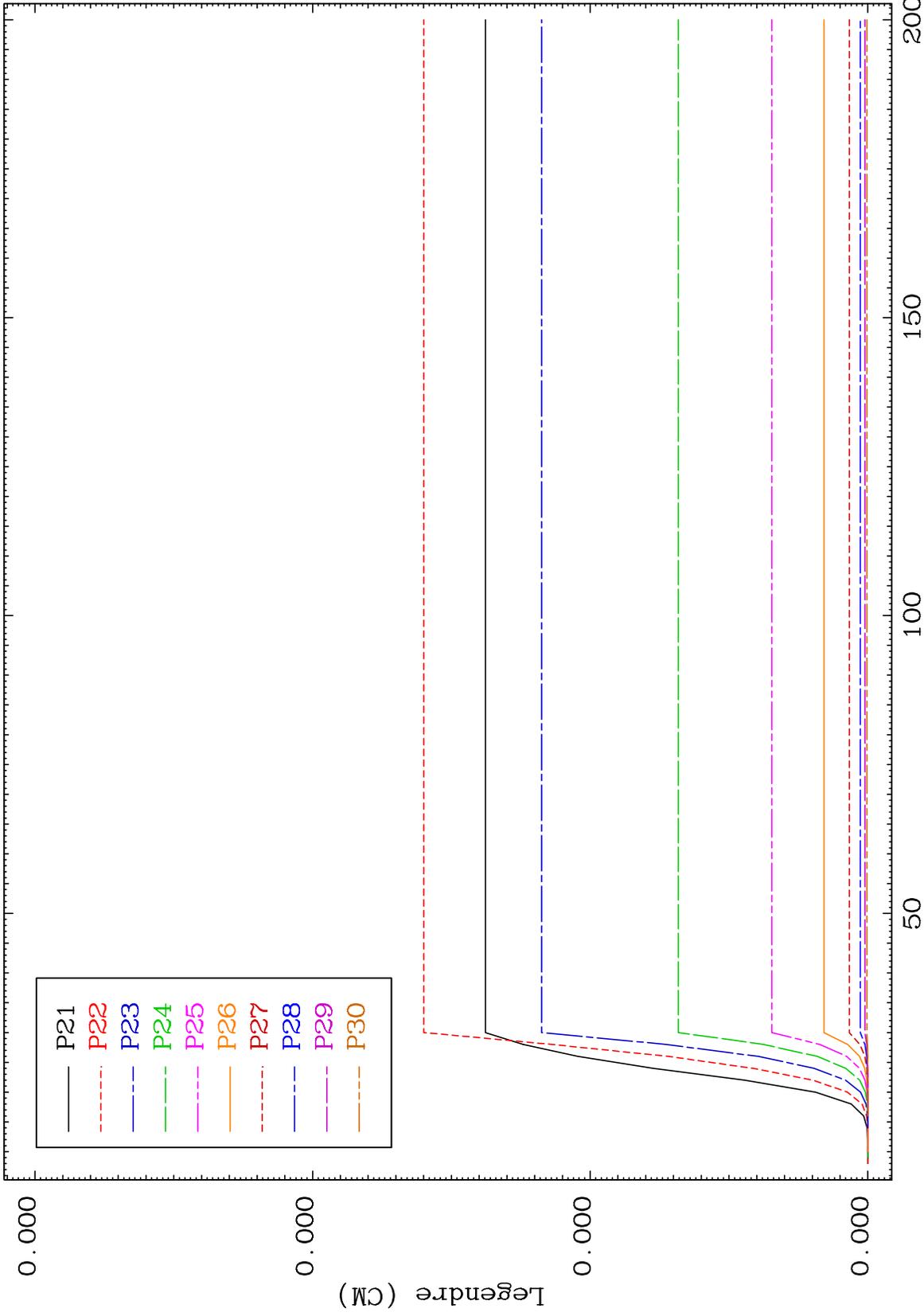
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 67 (n,n') Level  
Legendre Coefficients

83-Bi-203



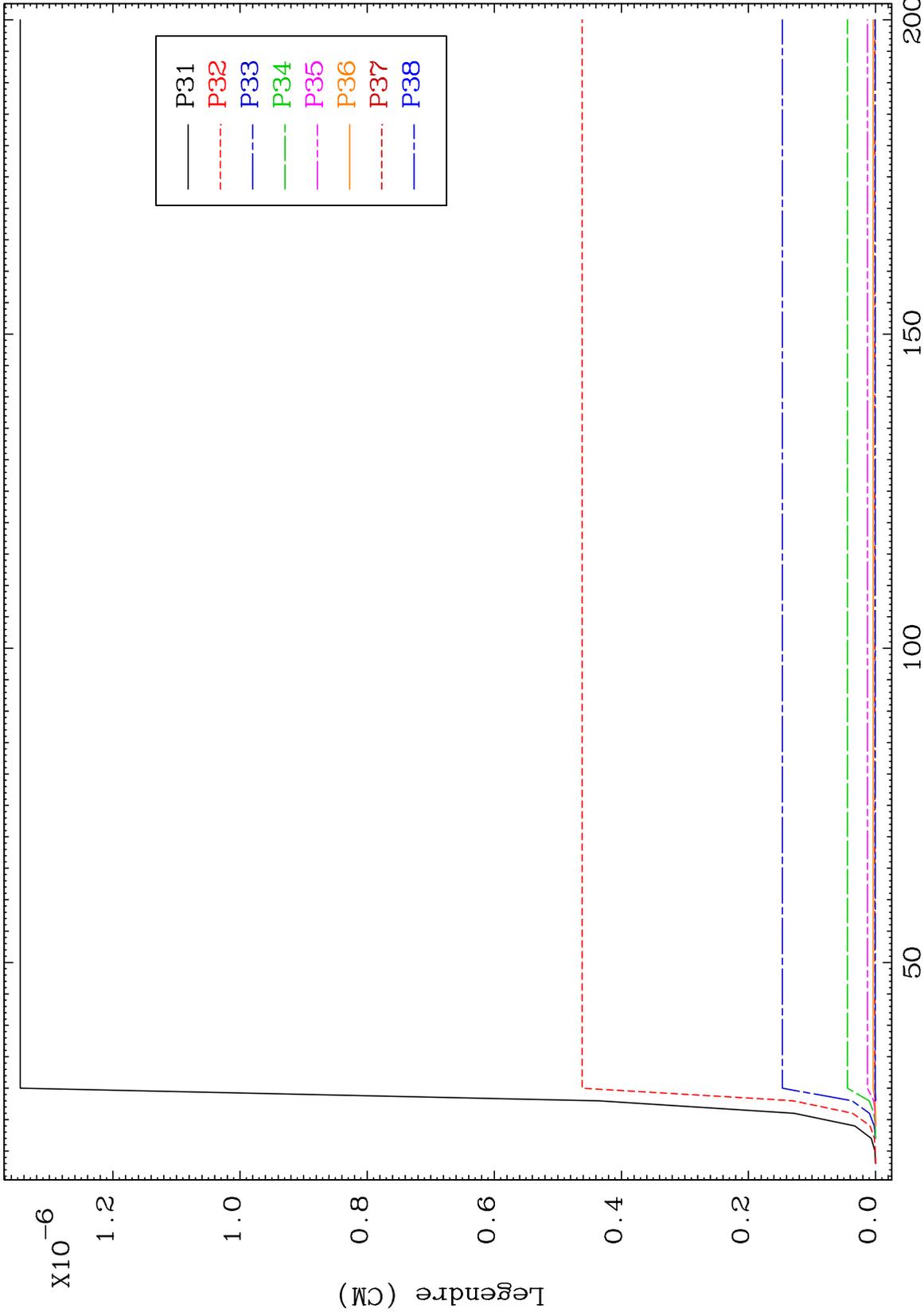
86

83-Bi-203

MAT 8307

MT= 67 (n,n') Level  
Legendre Coefficients

83-Bi-203



87

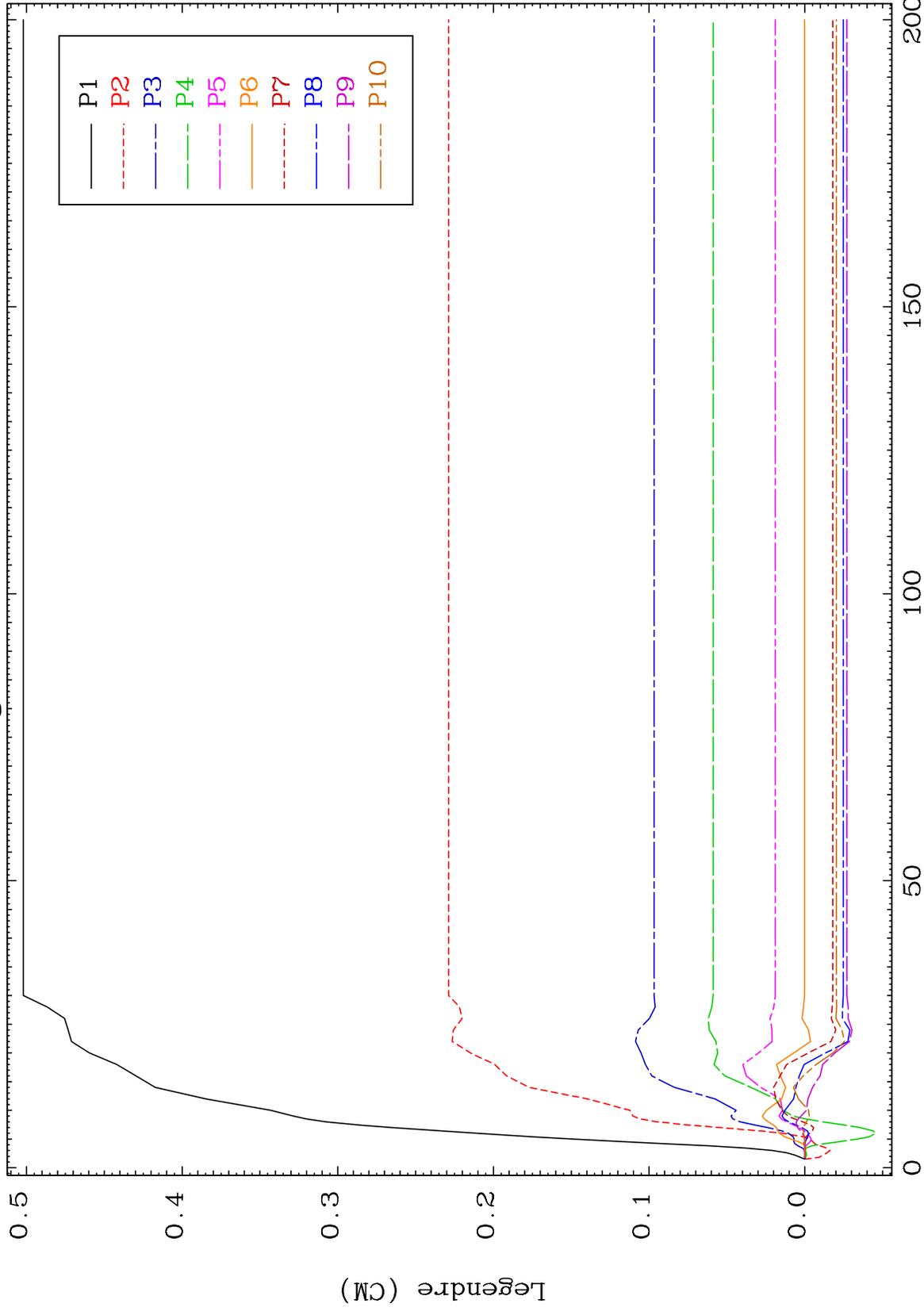
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 68 (n,n') Level  
Legendre Coefficients

83-Bi-203



88

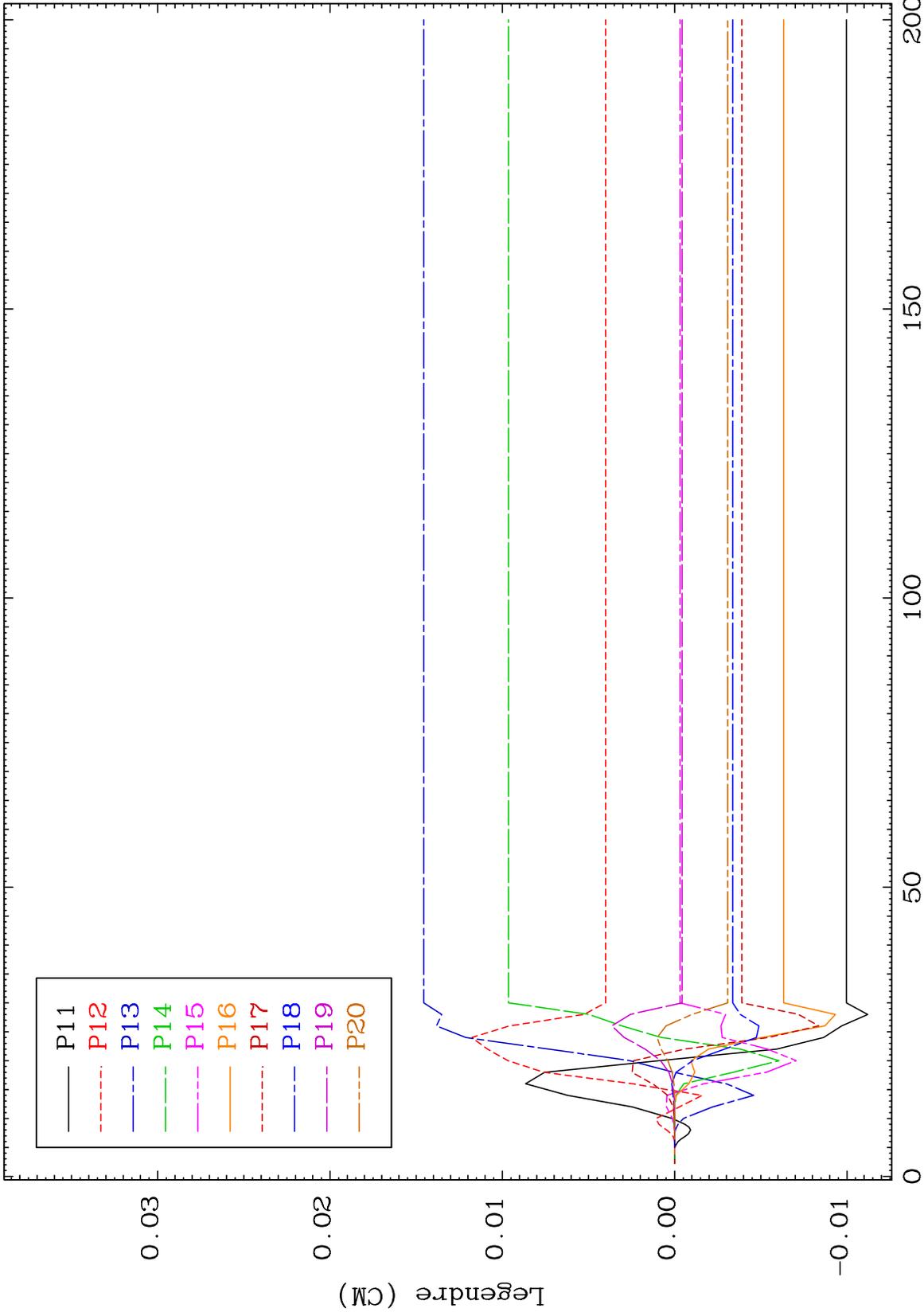
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 68 (n,n') Level  
Legendre Coefficients

83-Bi-203



89

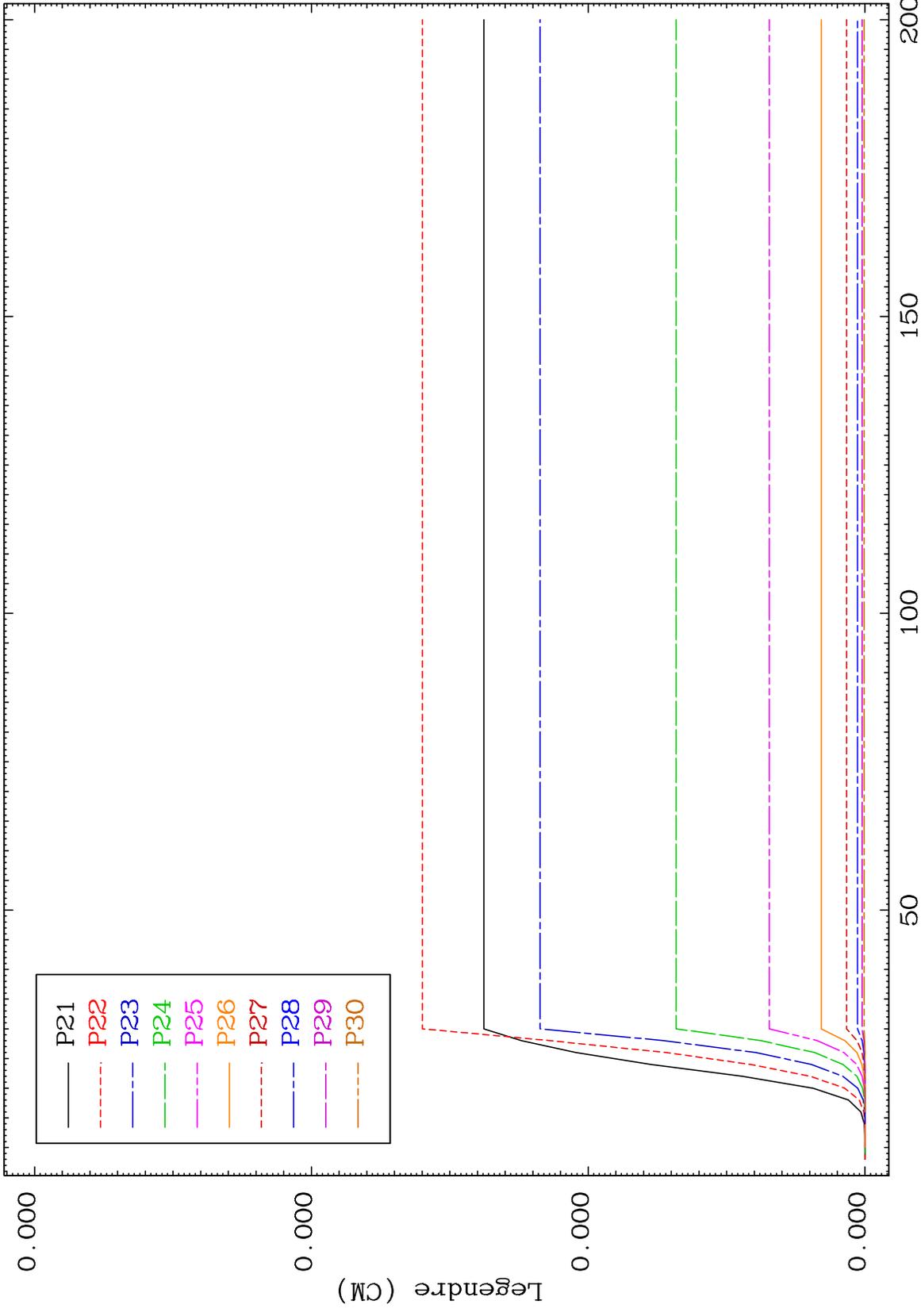
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 68 (n,n') Level  
Legendre Coefficients

83-Bi-203



90

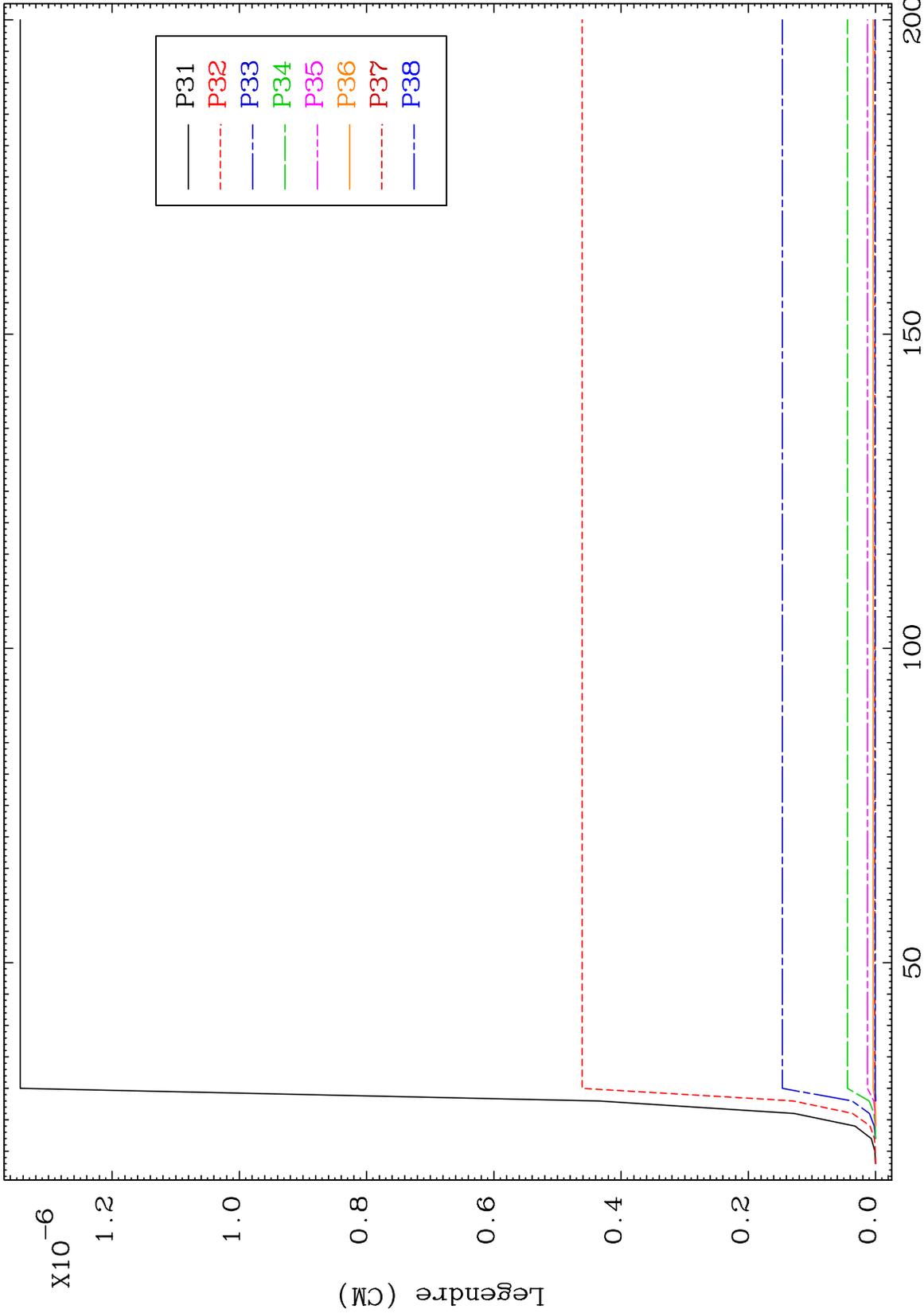
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 68 (n,n') Level  
Legendre Coefficients

83-Bi-203



91

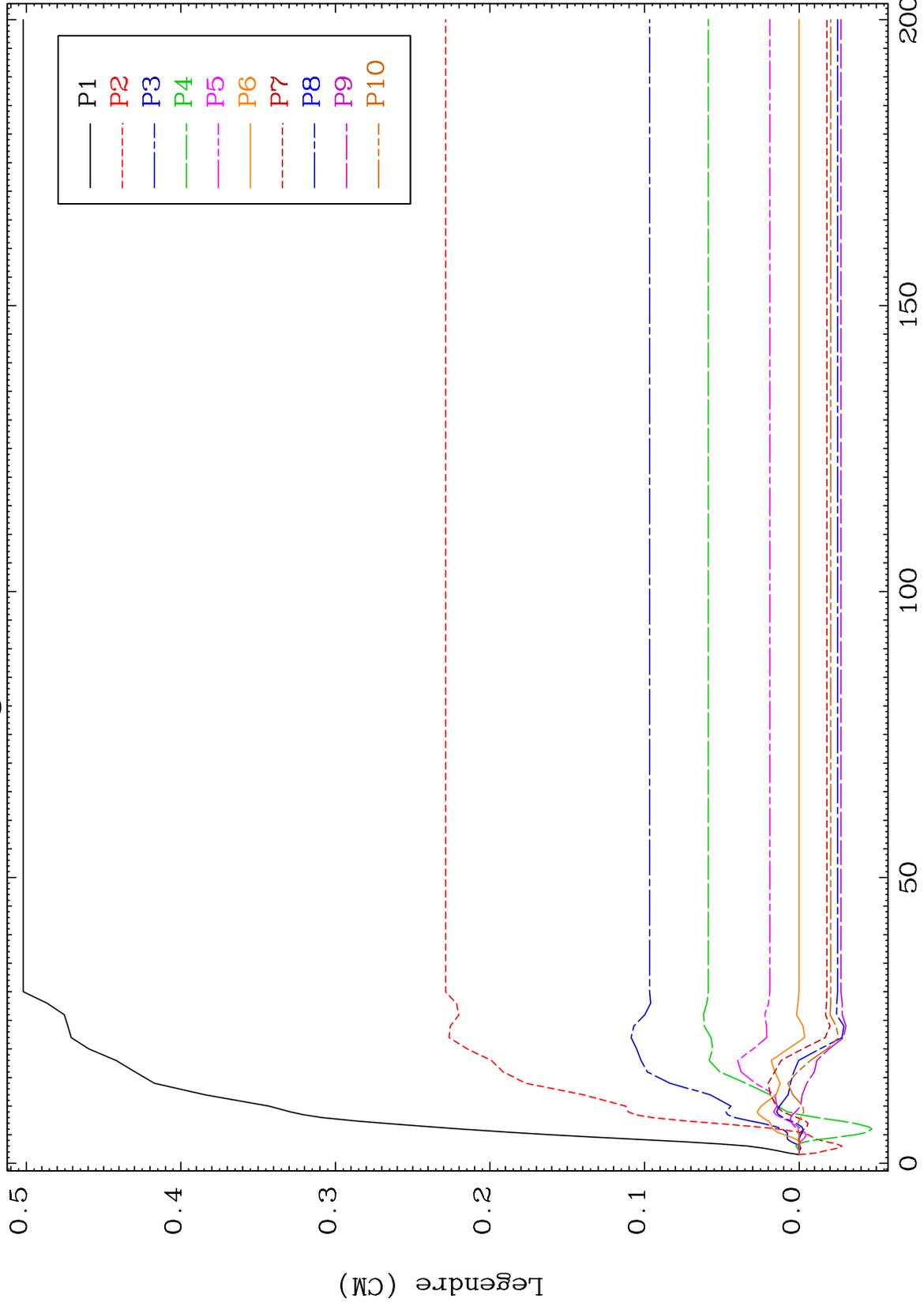
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 69 (n,n') Level  
Legendre Coefficients

83-Bi-203



92

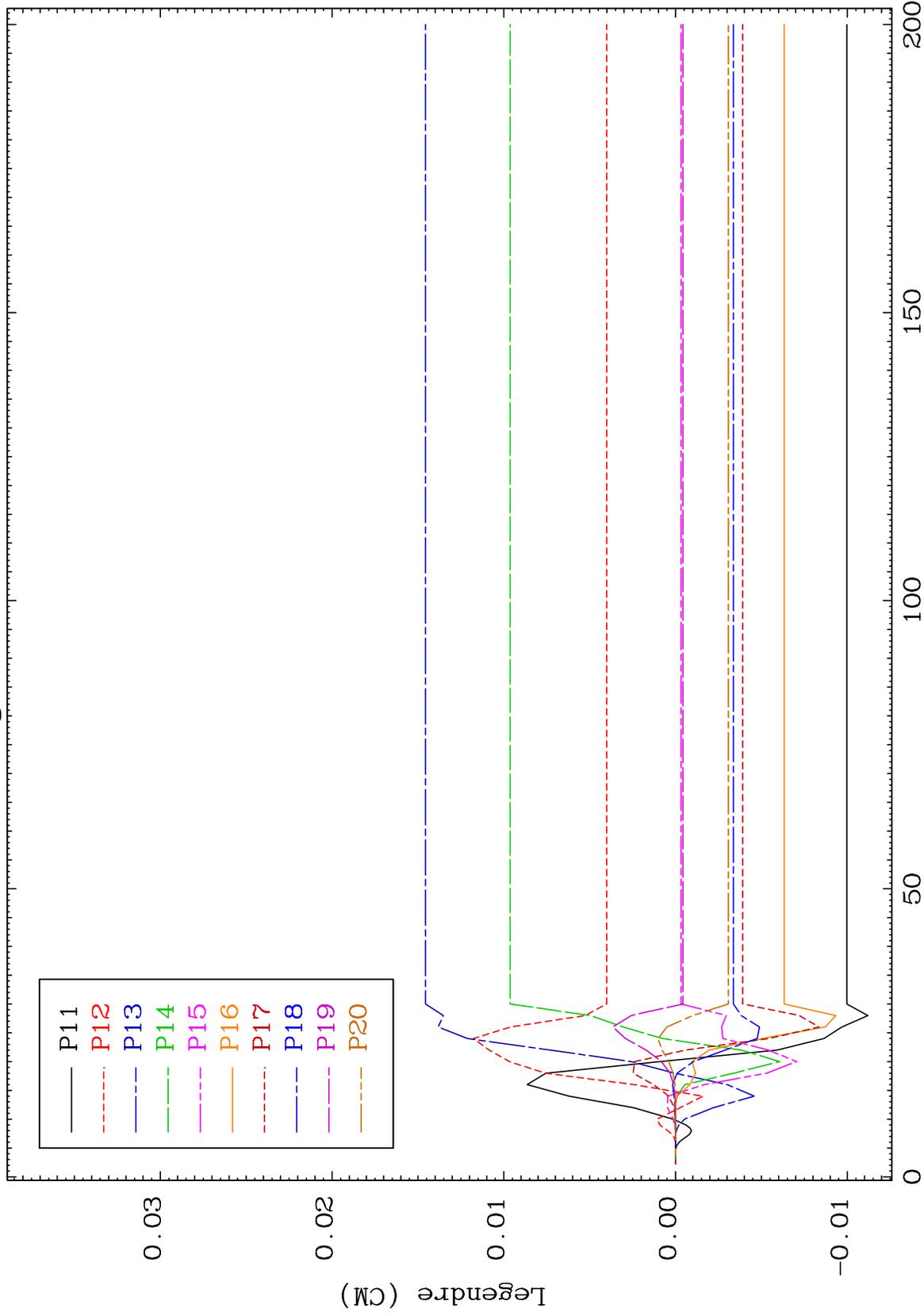
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 69 (n,n') Level  
Legendre Coefficients

83-Bi-203



93

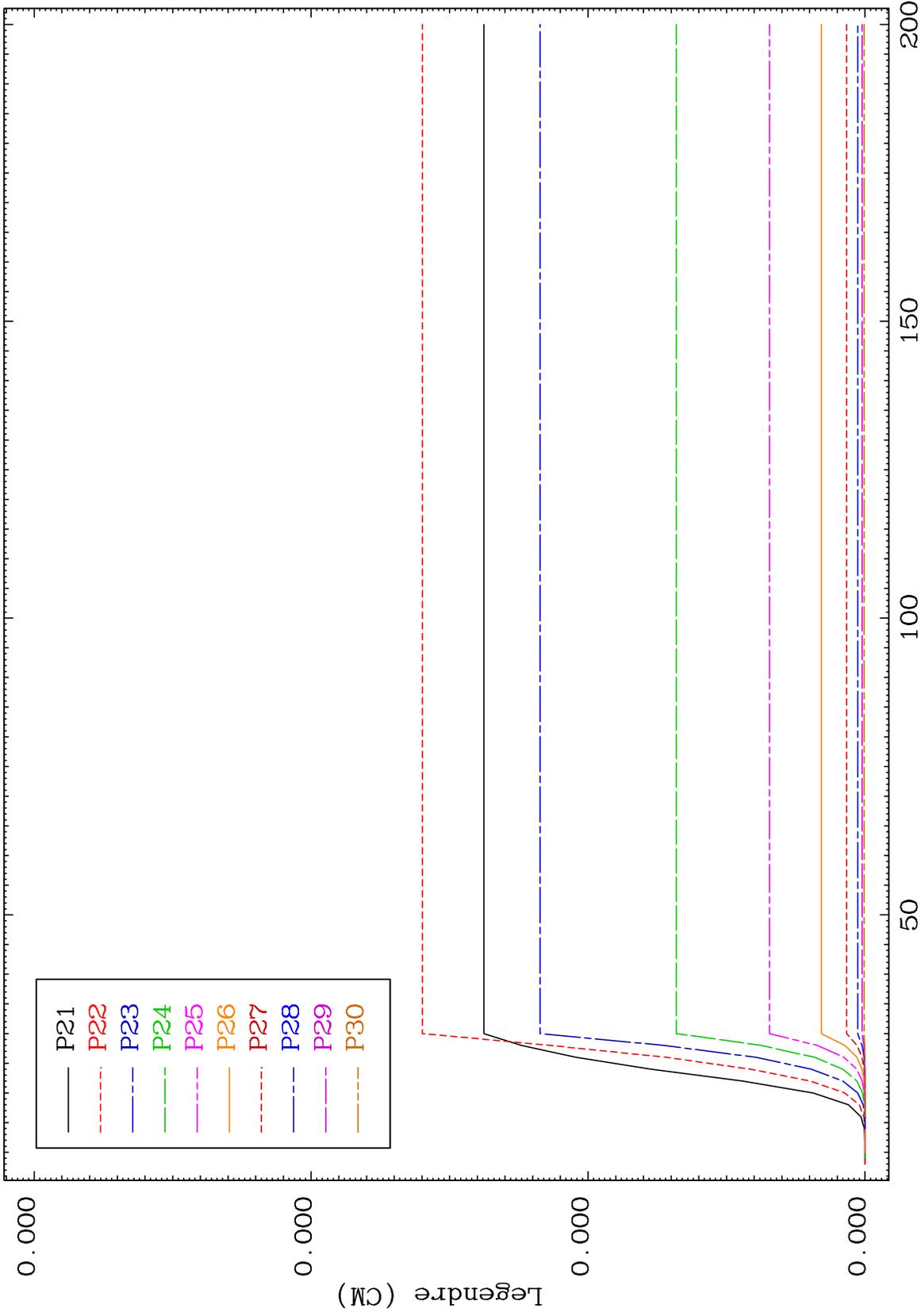
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 69 (n,n') Level  
Legendre Coefficients

83-Bi-203



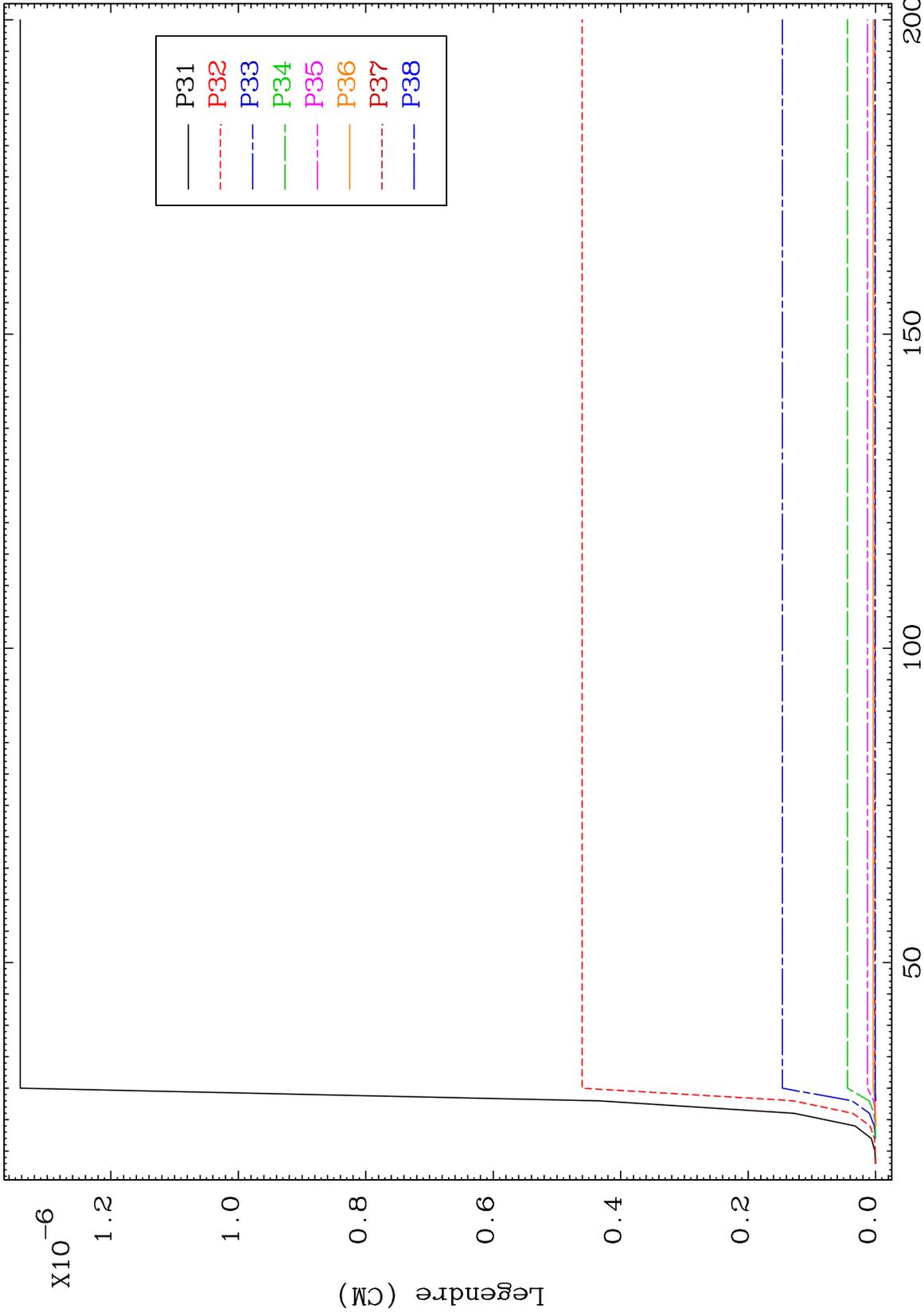
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83-Bi-203

MAT 8307

MT= 69 (n,n') Level  
Legendre Coefficients

83-Bi-203



95

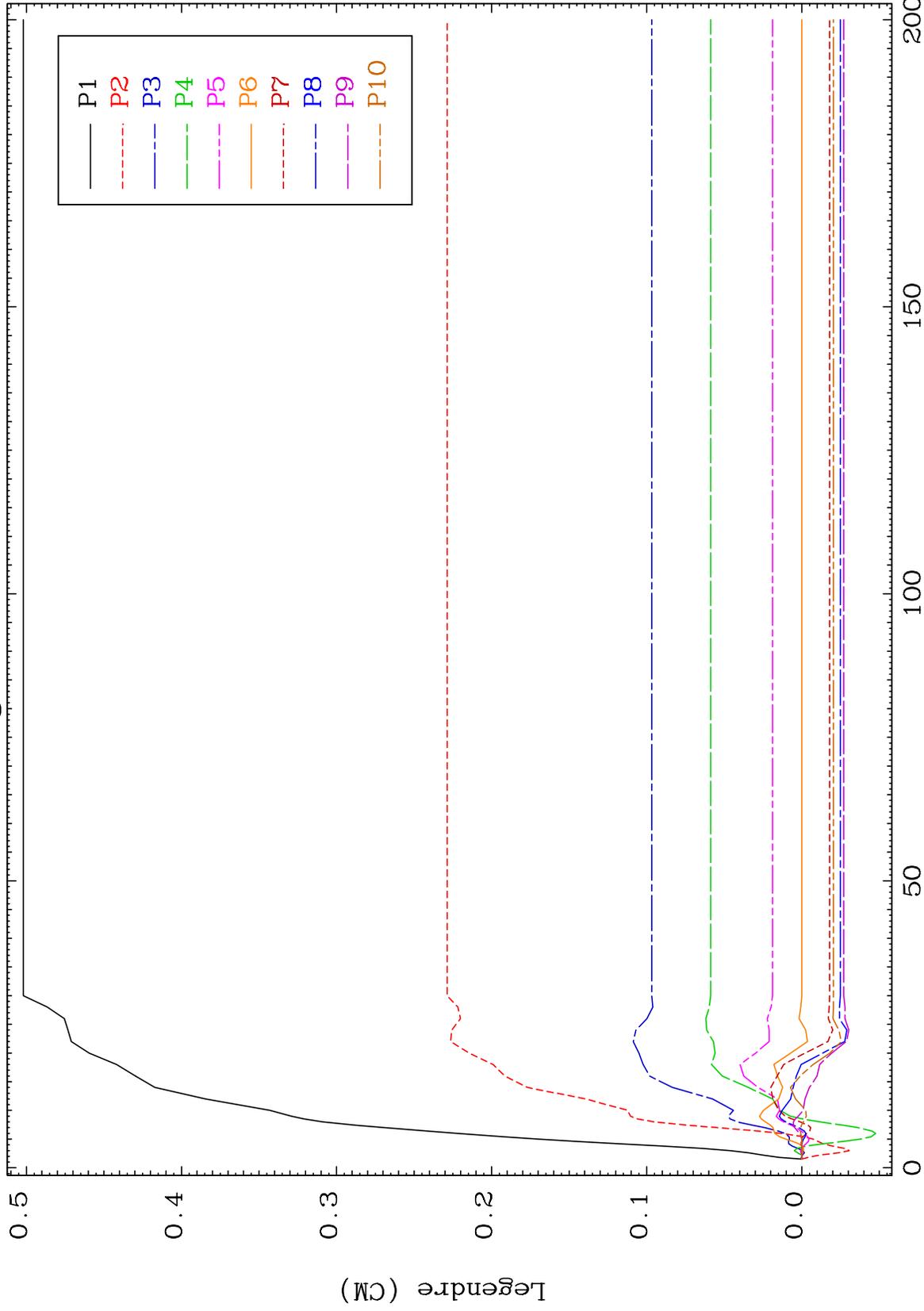
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 70 (n,n') Level  
Legendre Coefficients

83-Bi-203



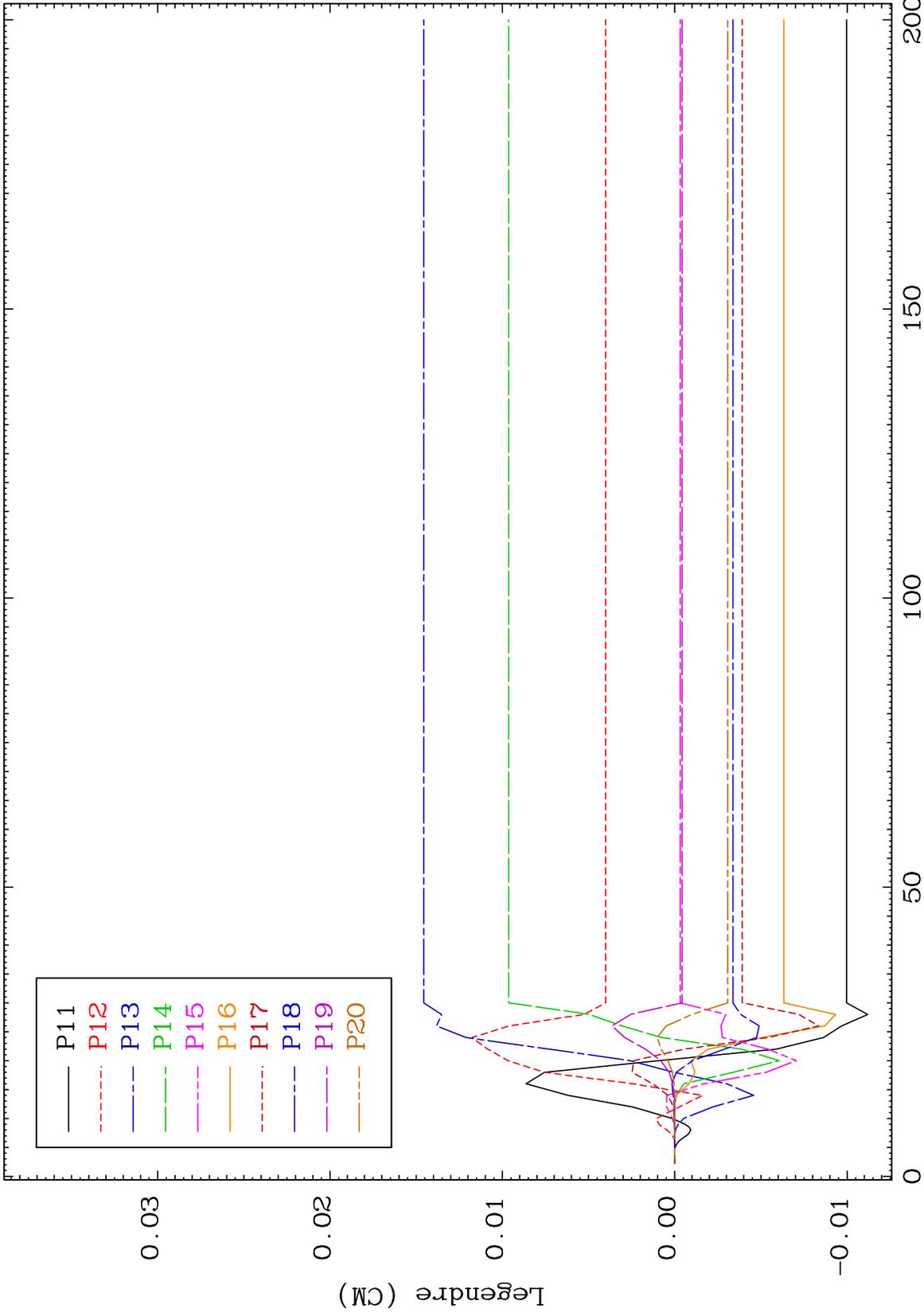
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83-Bi-203

MAT 8307

MT= 70 (n,n') Level  
Legendre Coefficients

83-Bi-203



97

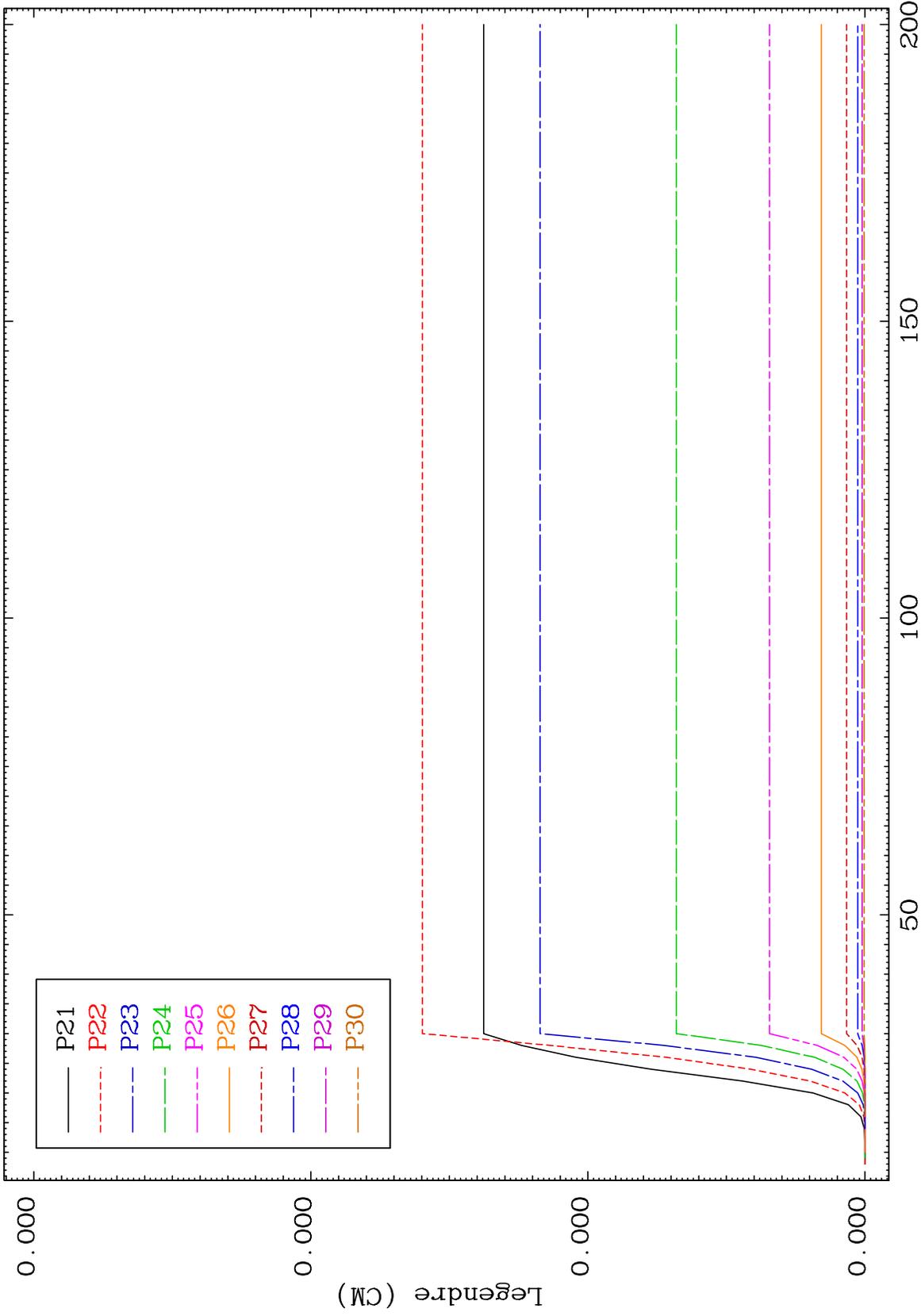
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 70 (n,n') Level  
Legendre Coefficients

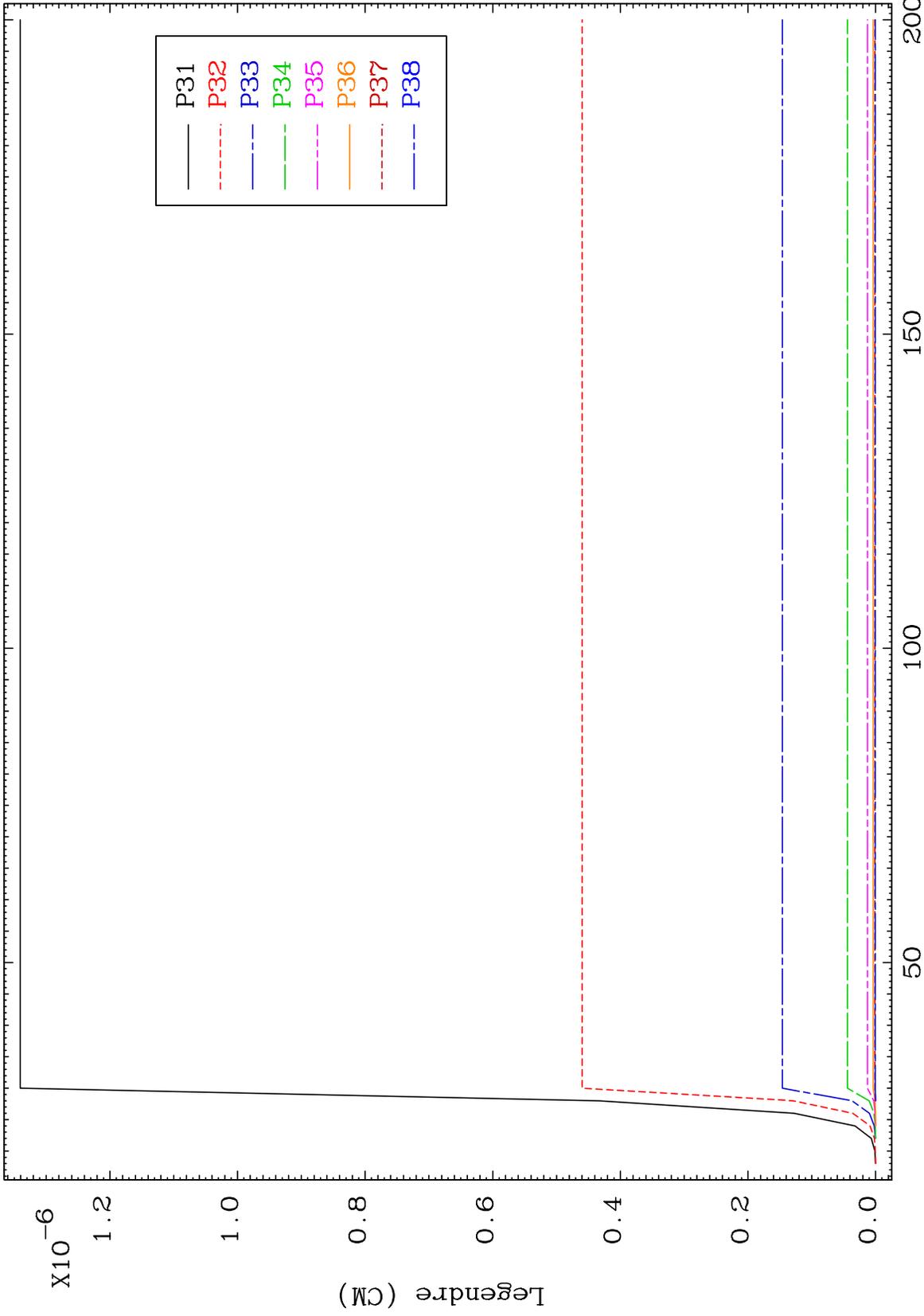
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MAT 8307

MT= 70 (n,n') Level  
Legendre Coefficients

83-Bi-203



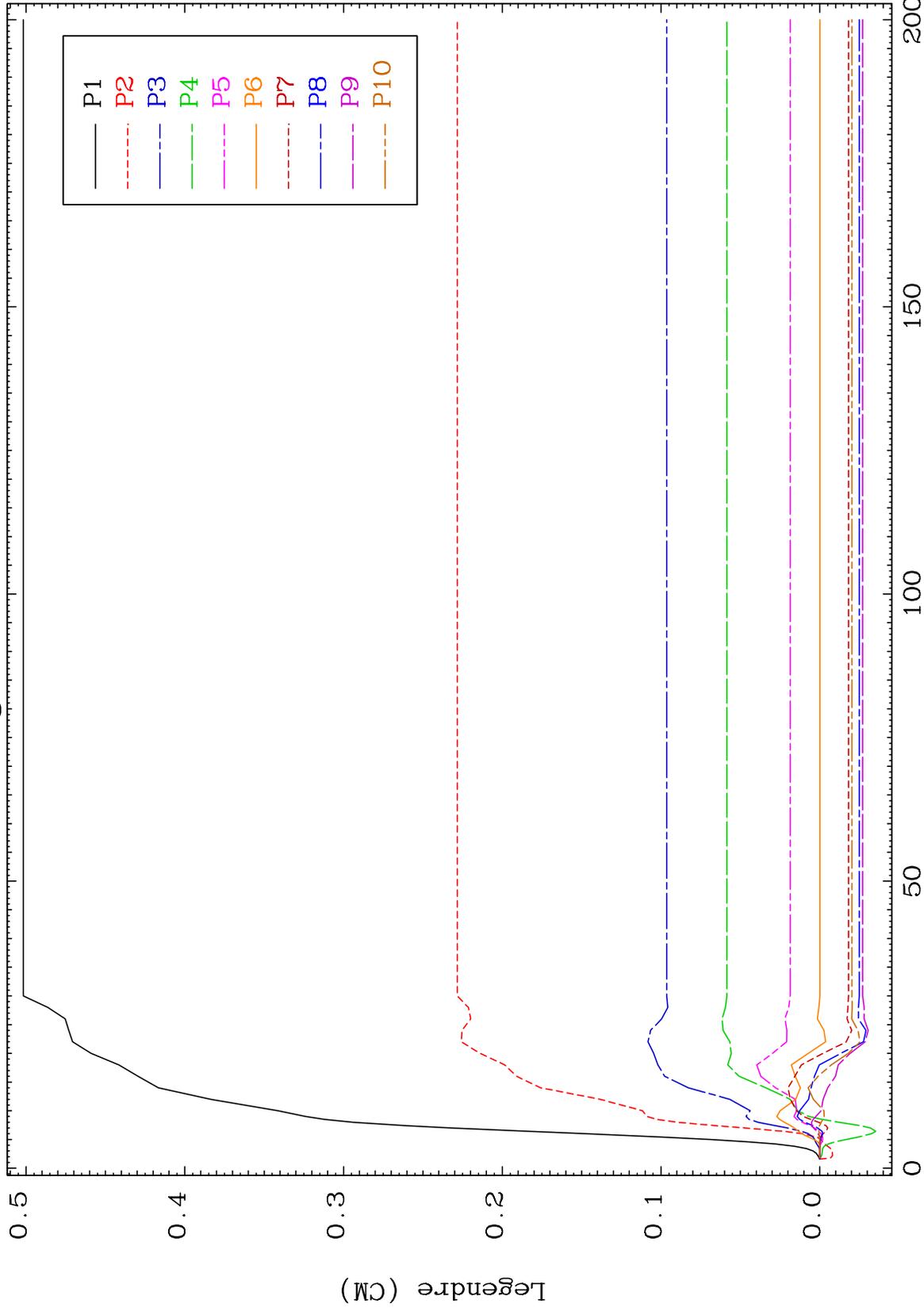
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83-Bi-203

MAT 8307

MT= 71 (n,n') Level  
Legendre Coefficients

83-Bi-203



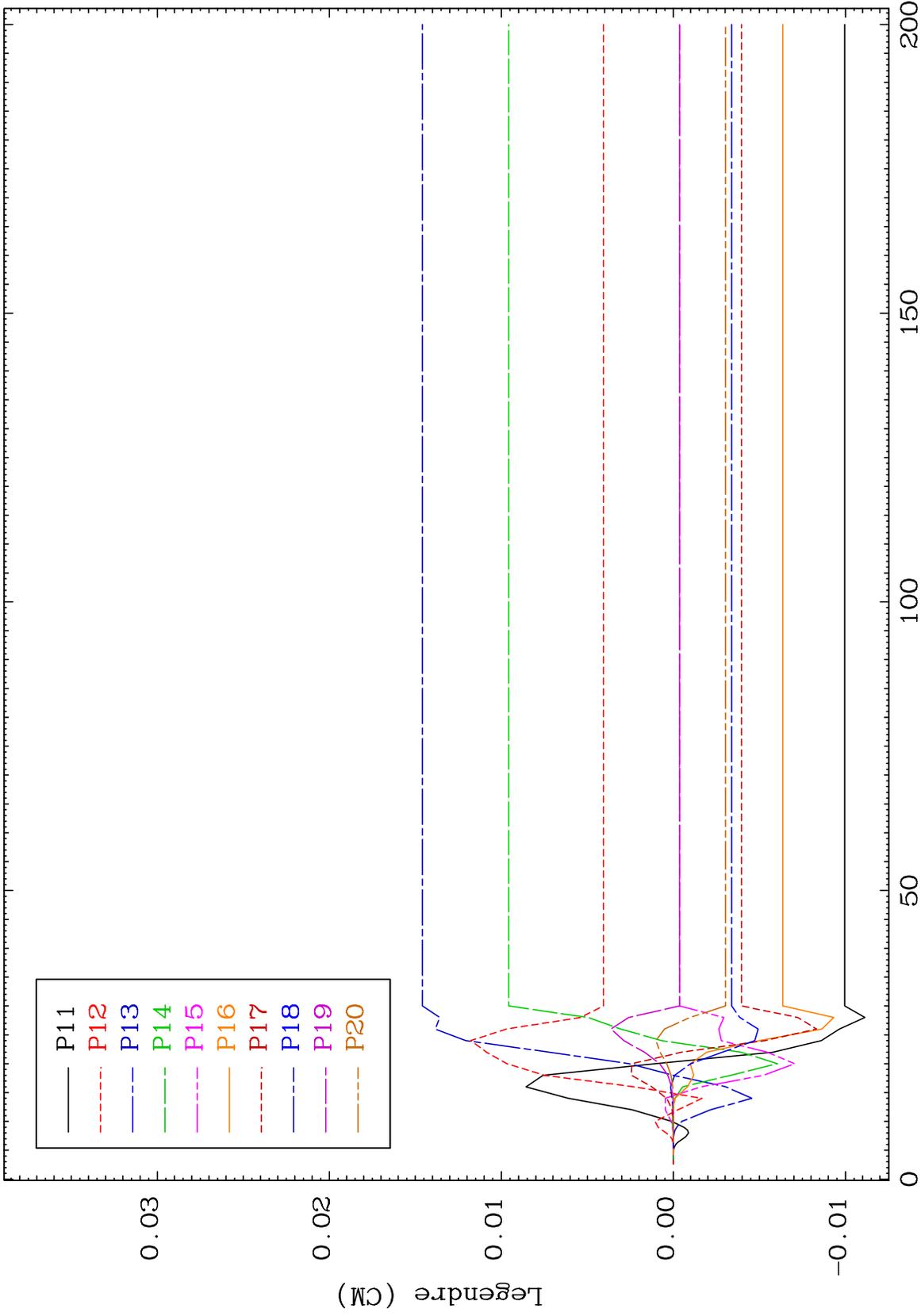
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 71 (n,n') Level  
Legendre Coefficients

83-Bi-203



101

Incident Energy (MeV)

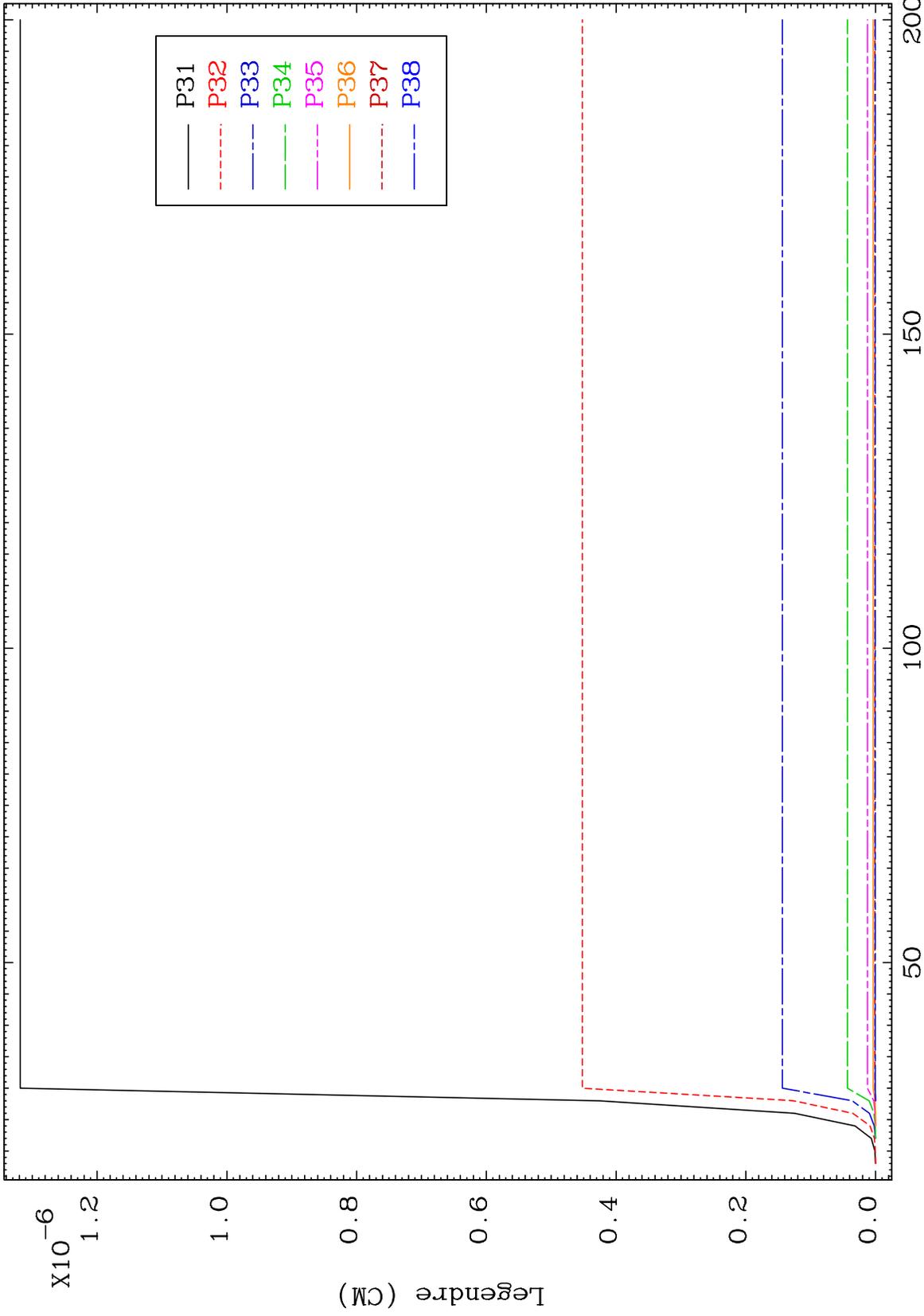
83-Bi-203



MAT 8307

MT= 71 (n,n') Level  
Legendre Coefficients

83-Bi-203



103

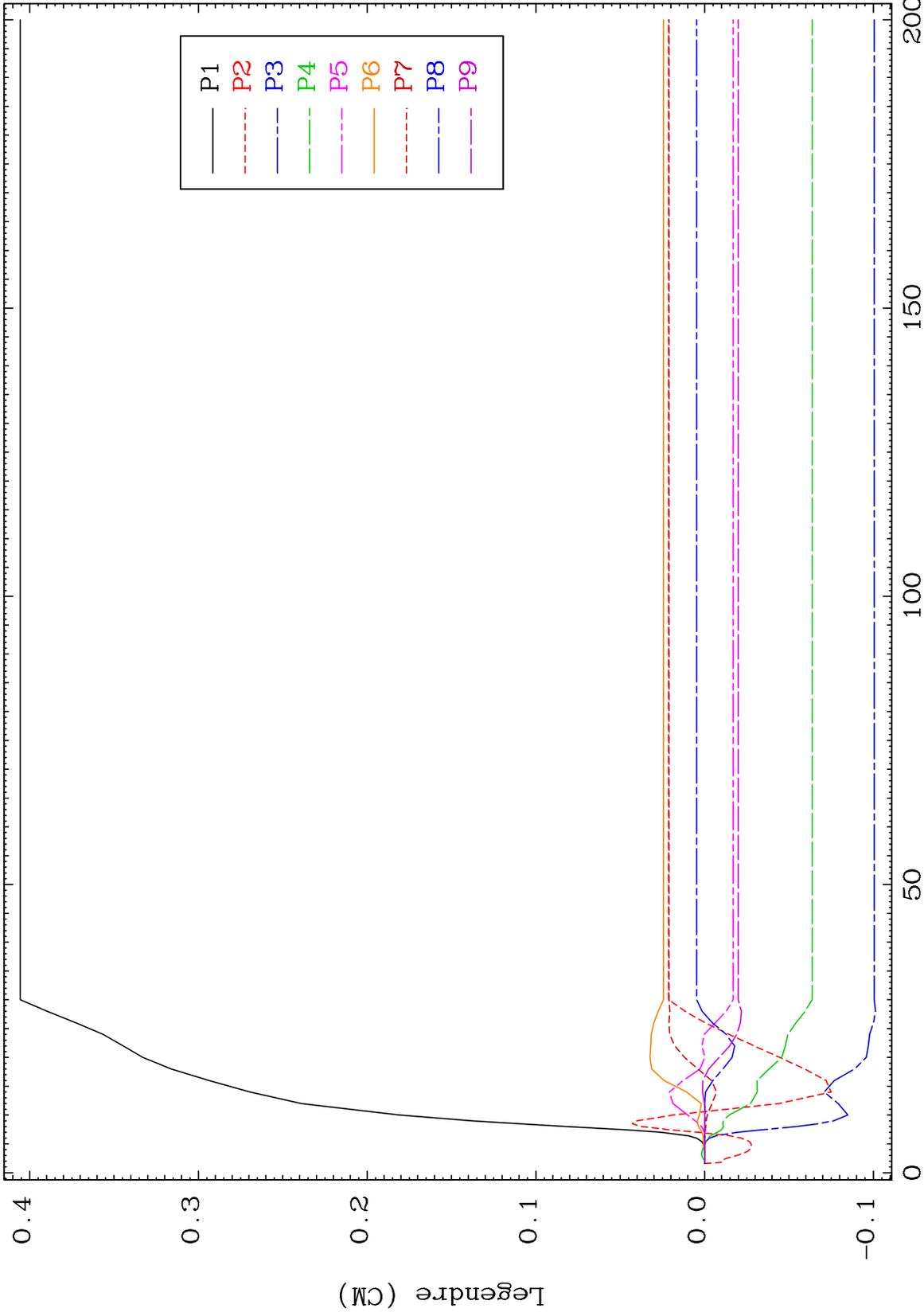
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 72 (n,n') Level  
Legendre Coefficients

83-Bi-203



104

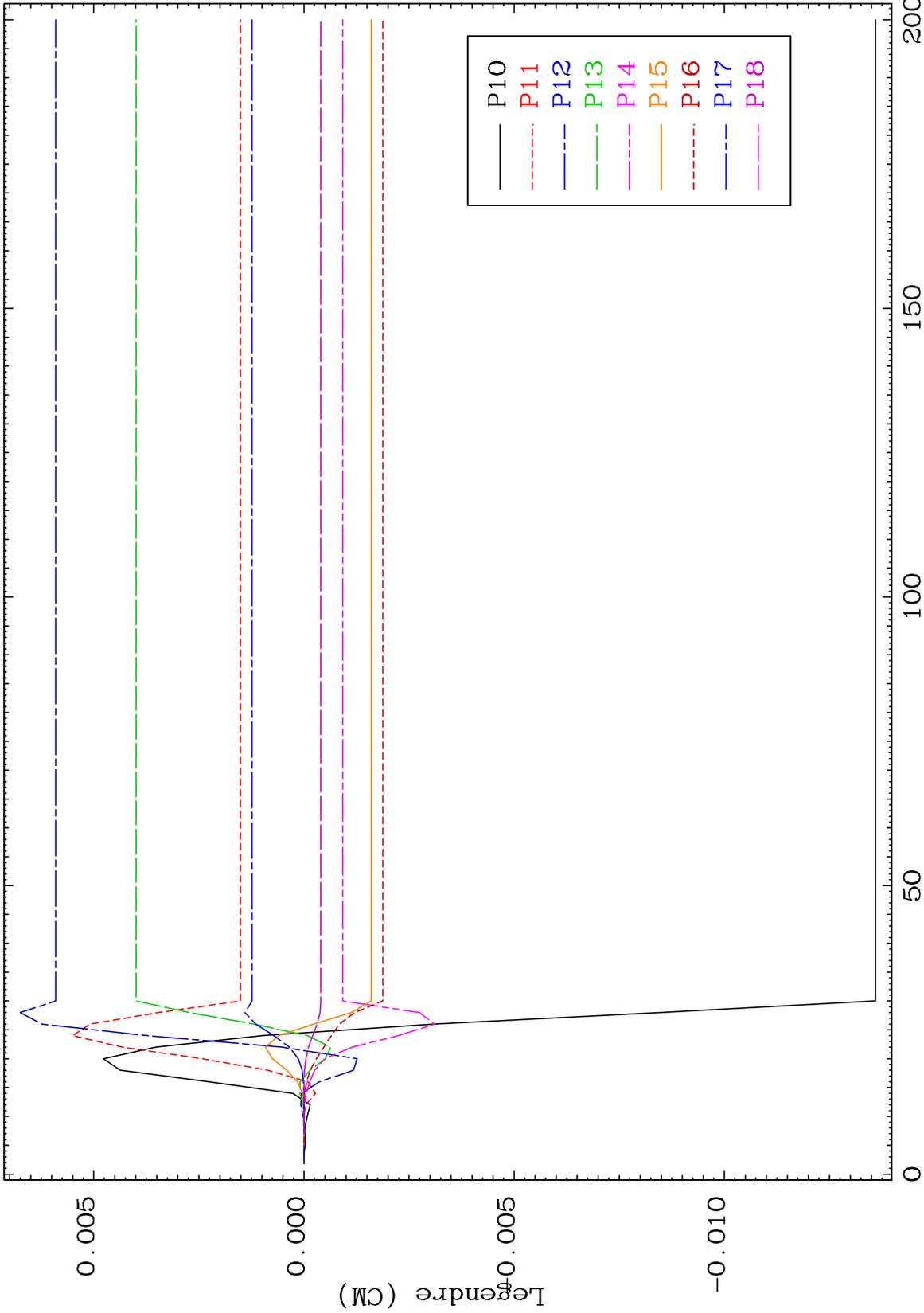
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 72 (n,n') Level  
Legendre Coefficients

83-Bi-203



105

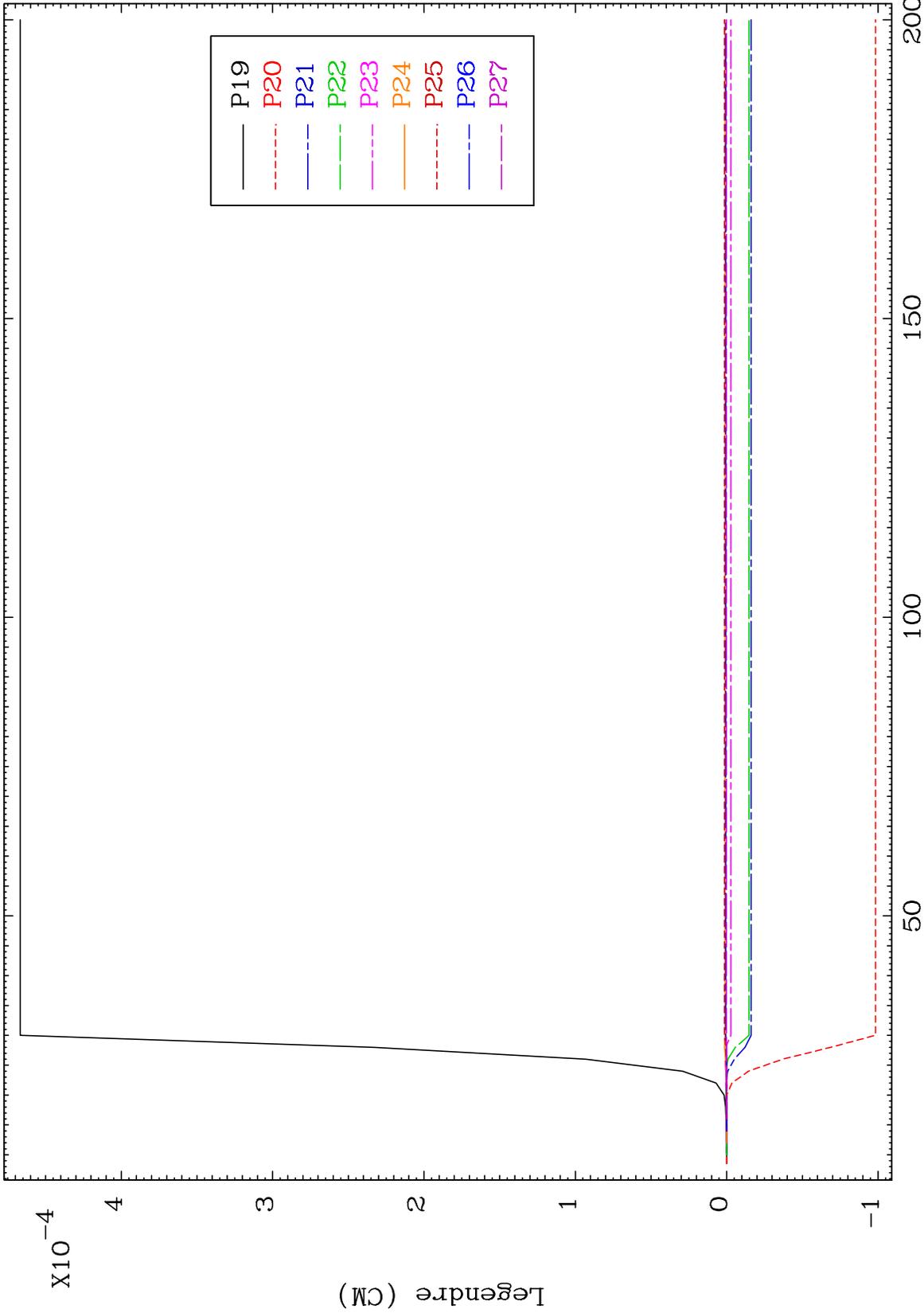
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 72 (n,n') Level  
Legendre Coefficients

83-Bi-203



106

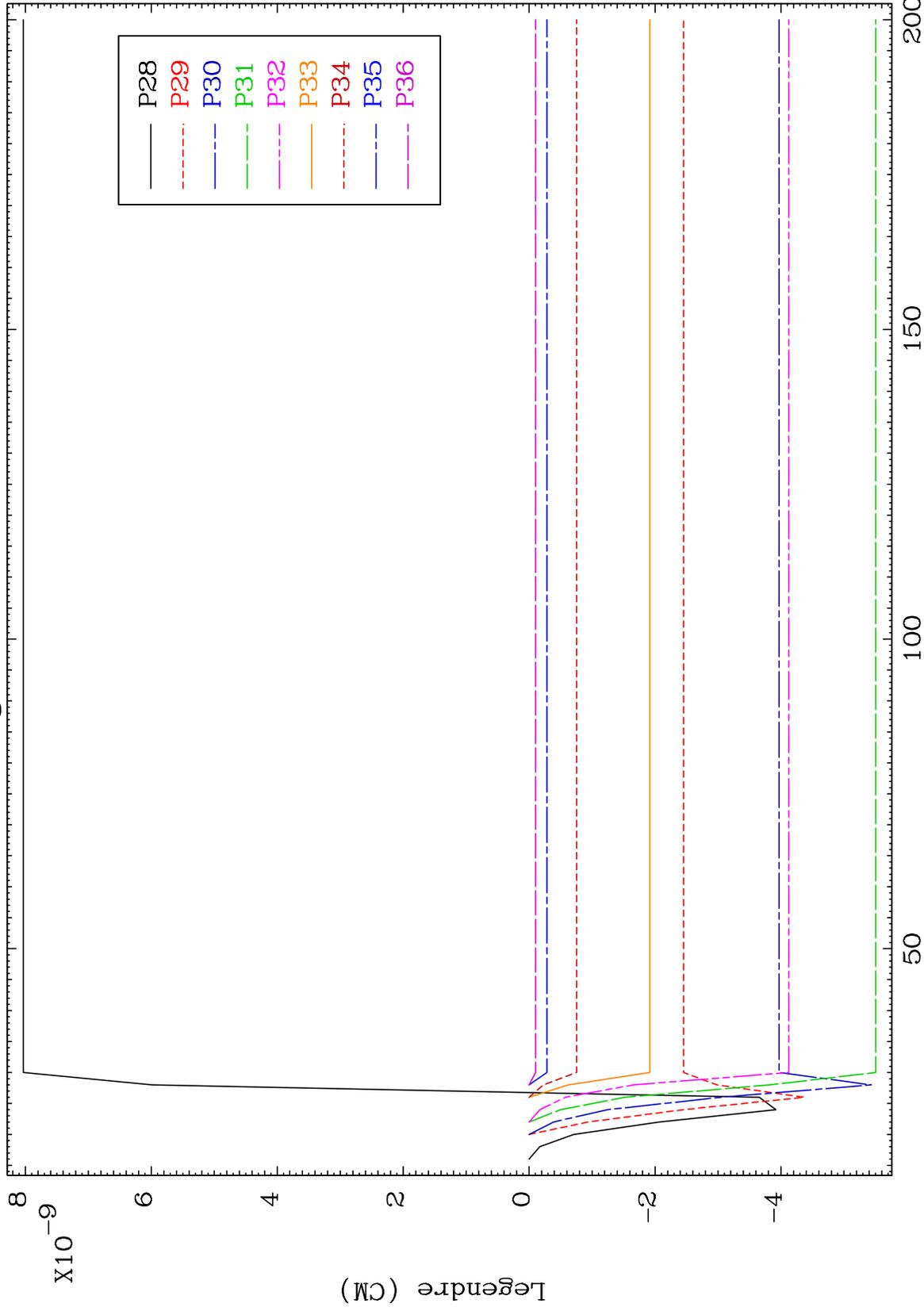
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 72 (n,n') Level  
Legendre Coefficients

83-Bi-203



107

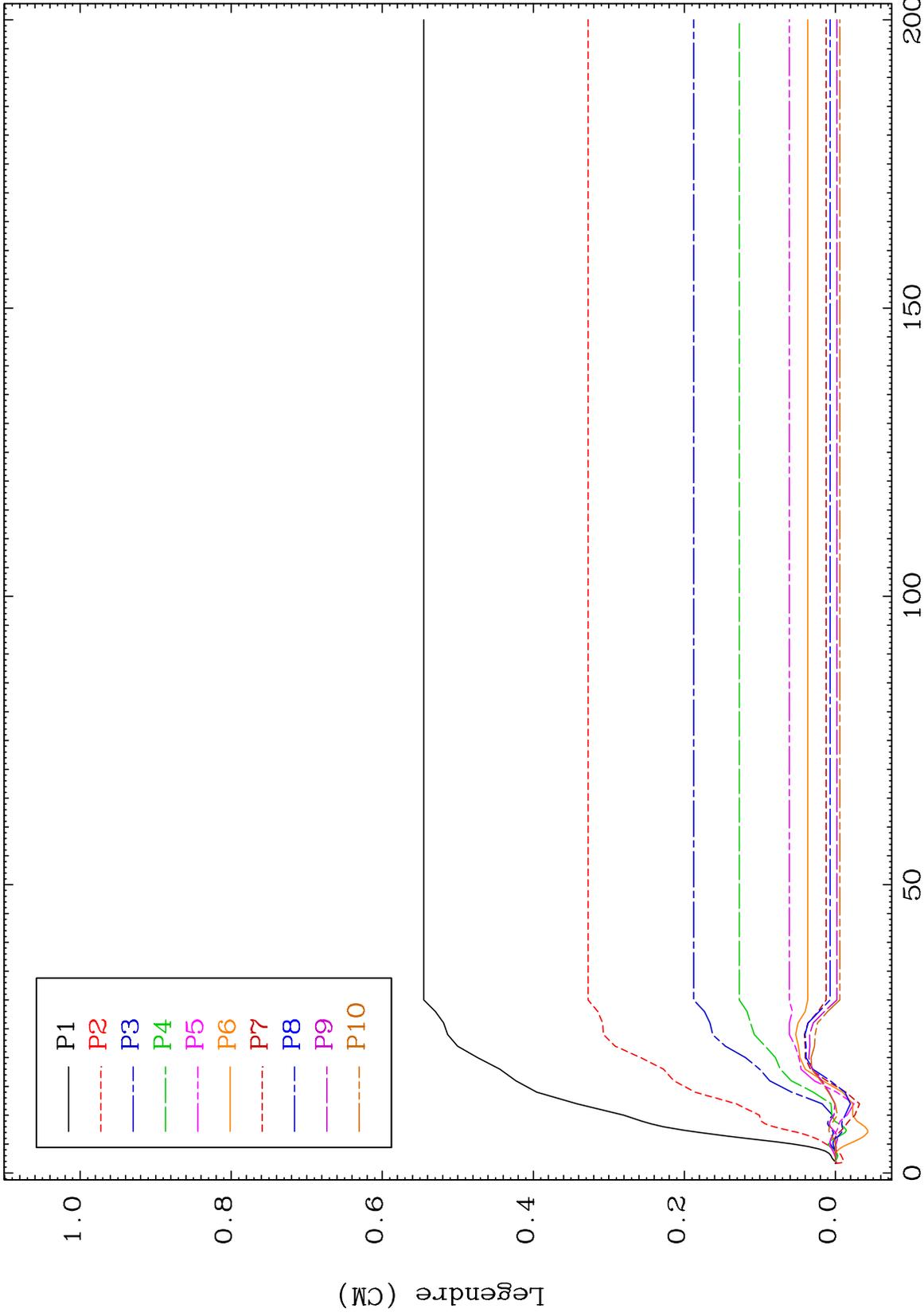
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 73 (n,n') Level  
Legendre Coefficients

83-Bi-203



108

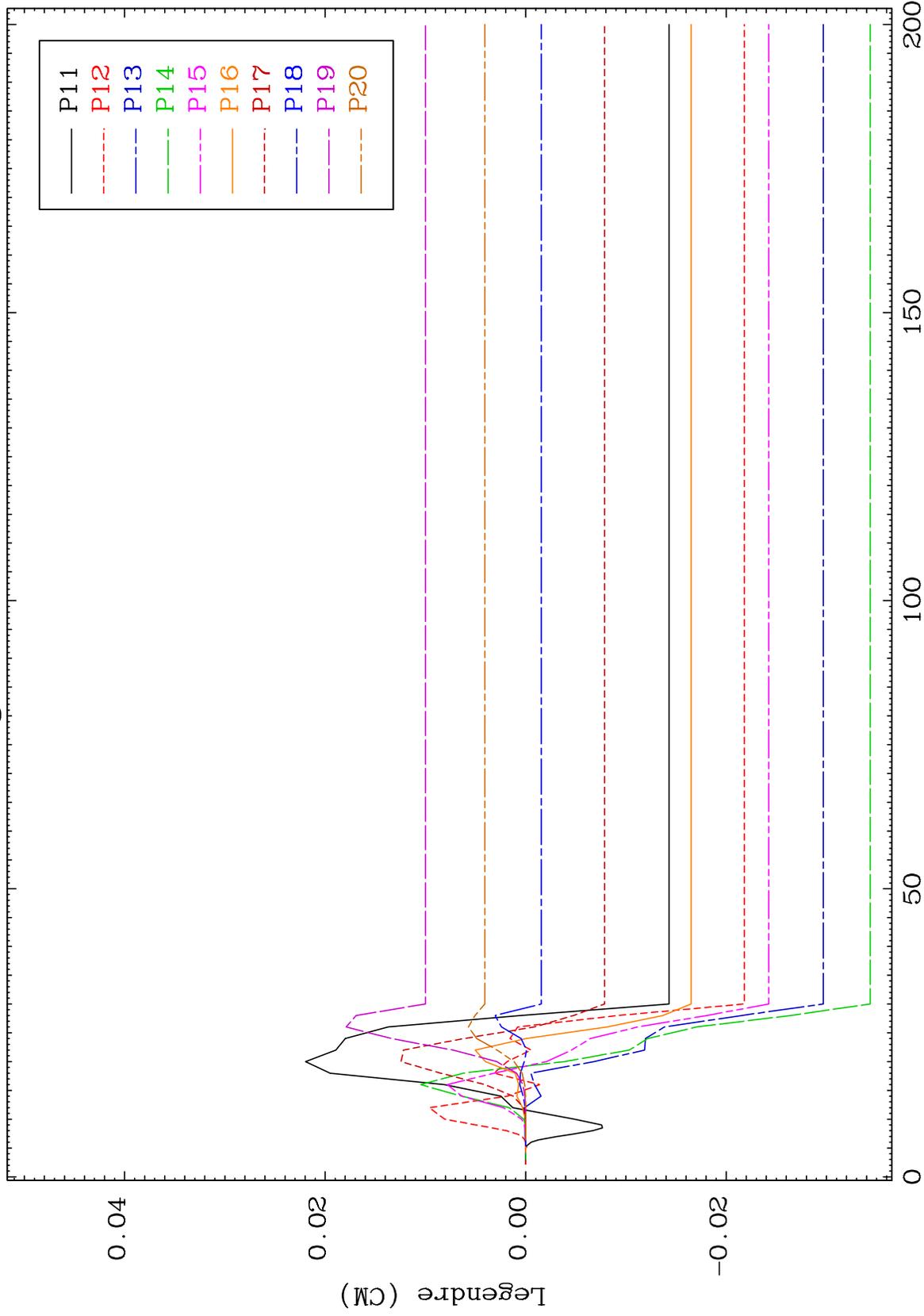
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 73 (n,n') Level  
Legendre Coefficients

83-Bi-203



109

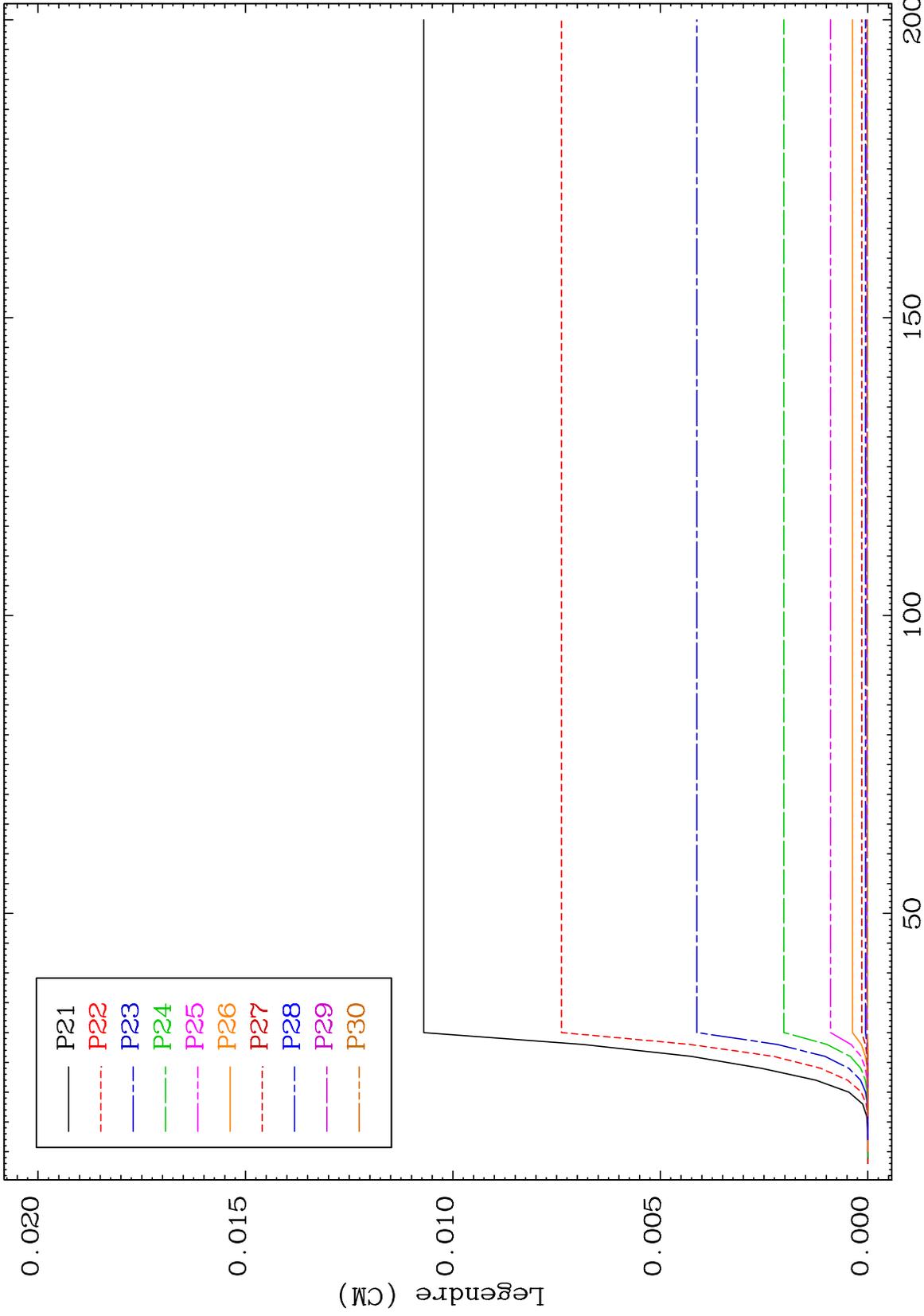
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83-Bi-203

MAT 8307

MT= 73 (n,n') Level  
Legendre Coefficients

83-Bi-203



110

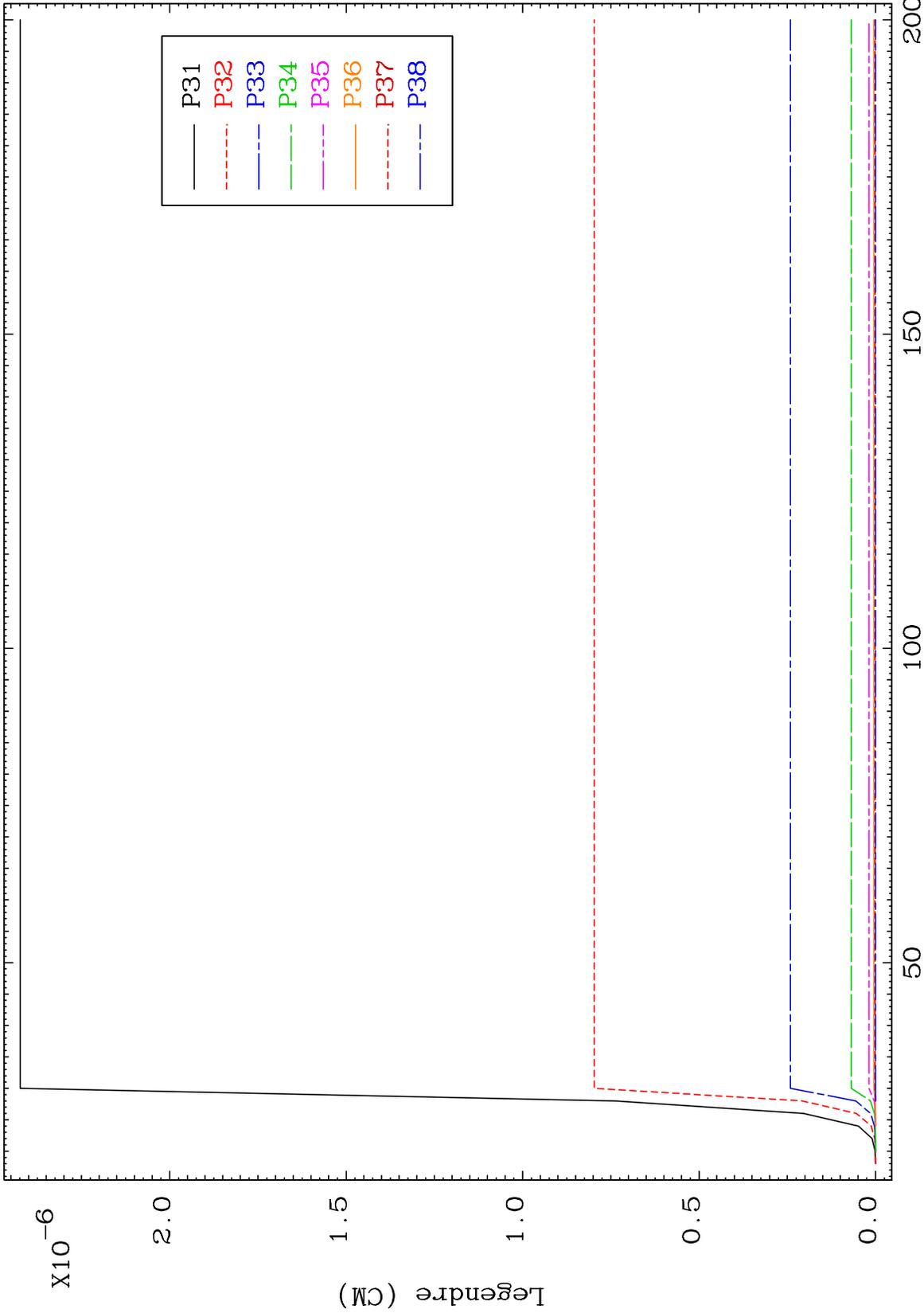
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 73 (n,n') Level  
Legendre Coefficients

83-Bi-203



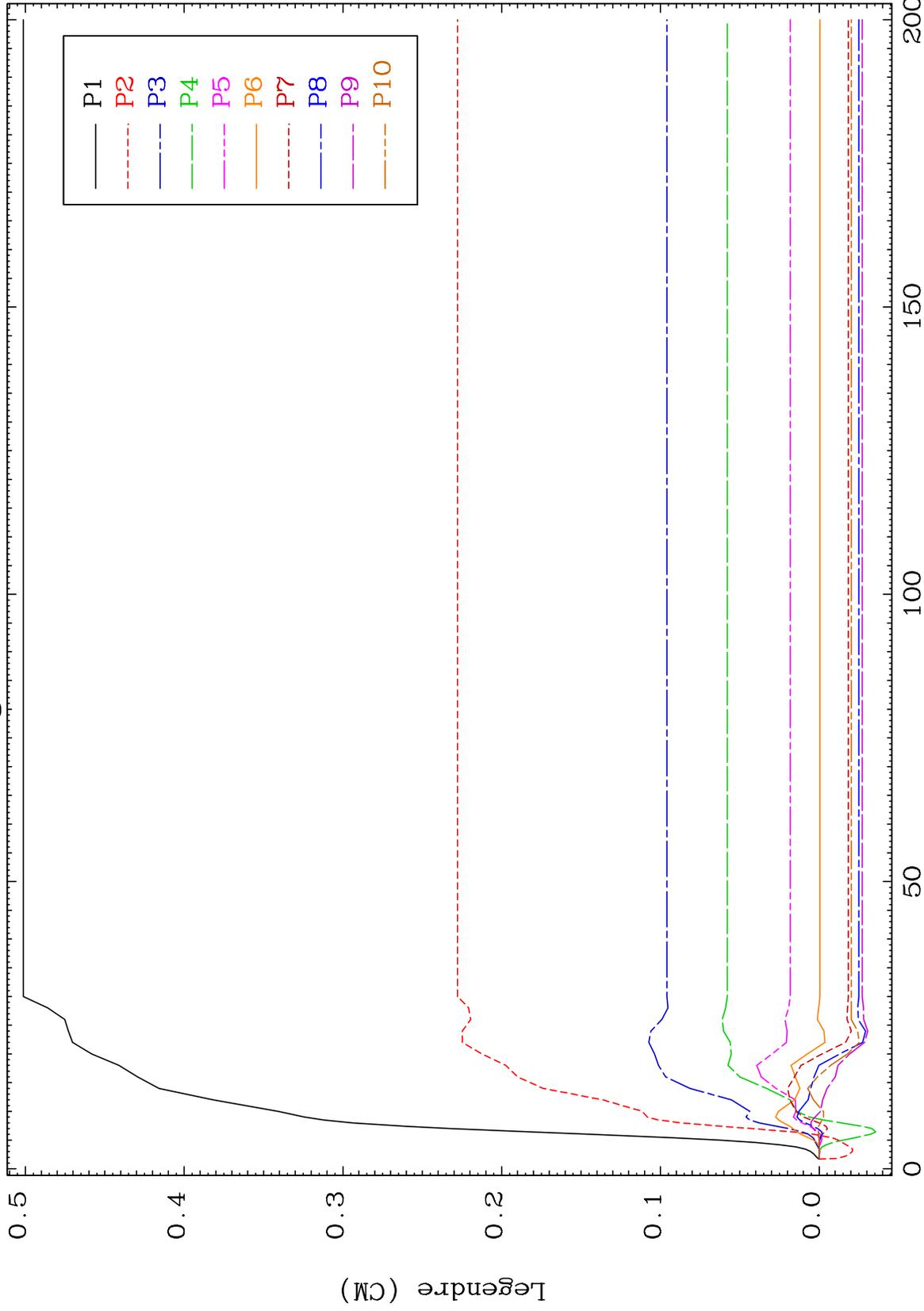
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83-Bi-203

MAT 8307

MT= 74 (n,n') Level  
Legendre Coefficients

83-Bi-203



112

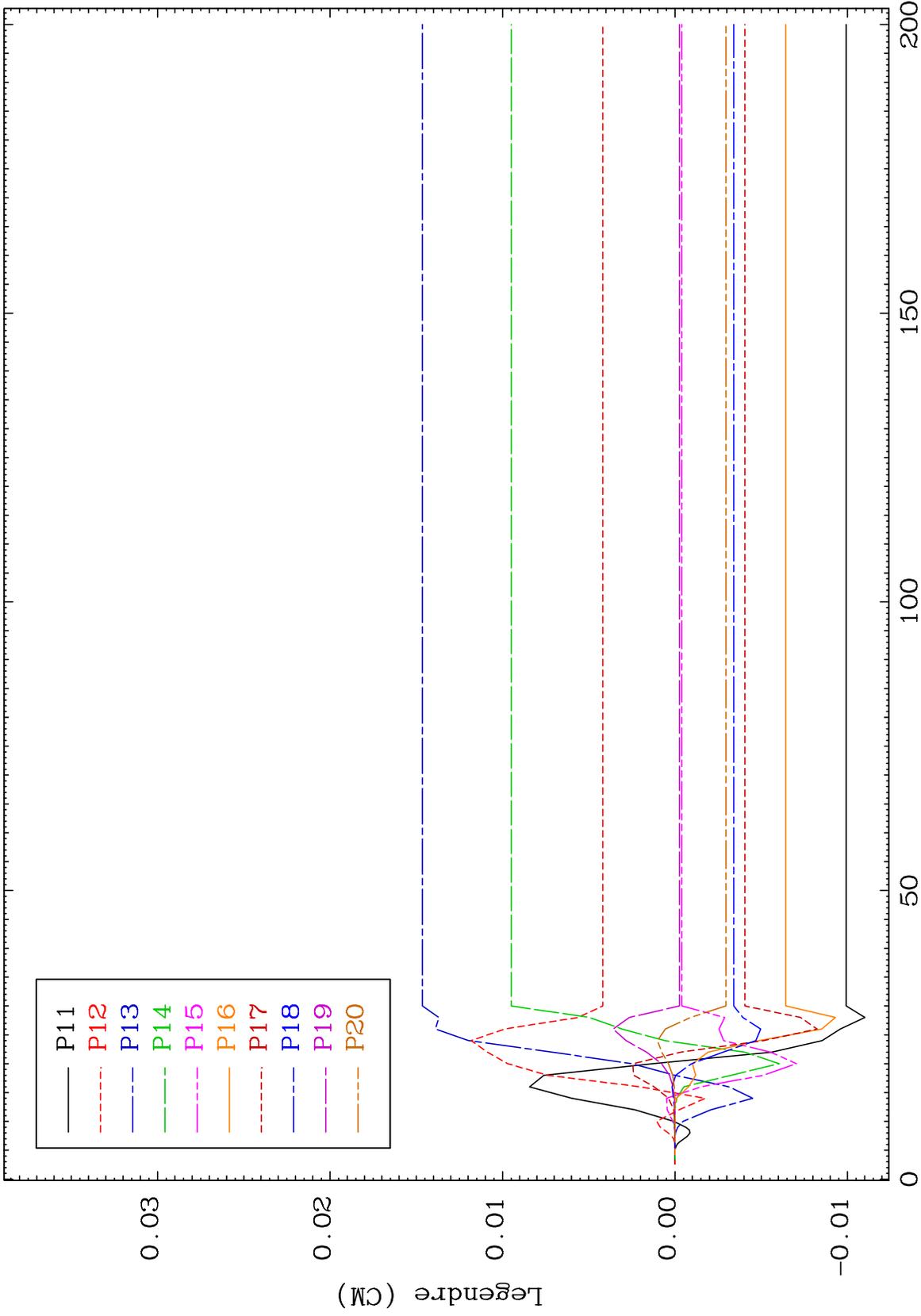
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 74 (n,n') Level  
Legendre Coefficients

83-Bi-203



113

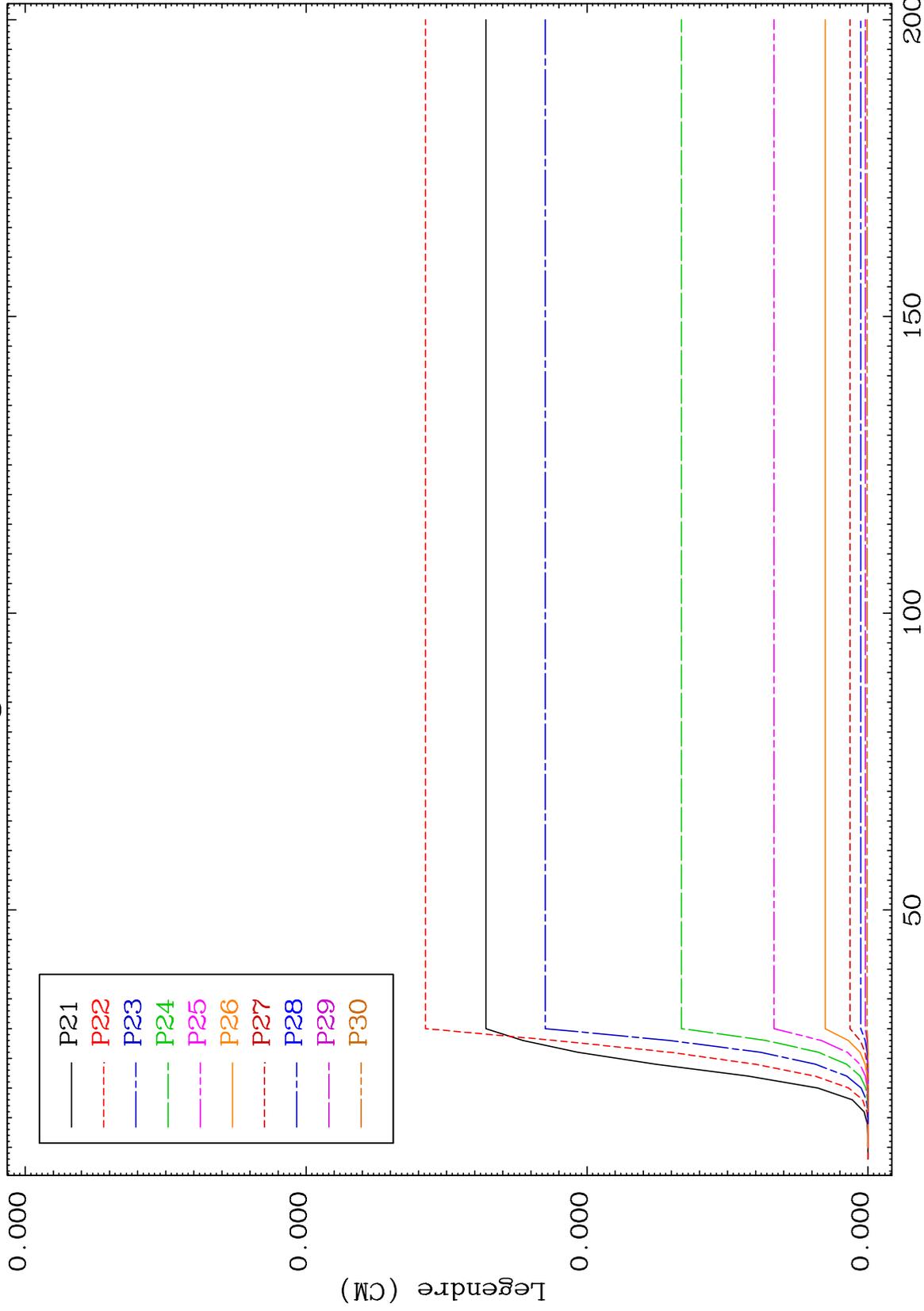
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 74 (n,n') Level  
Legendre Coefficients

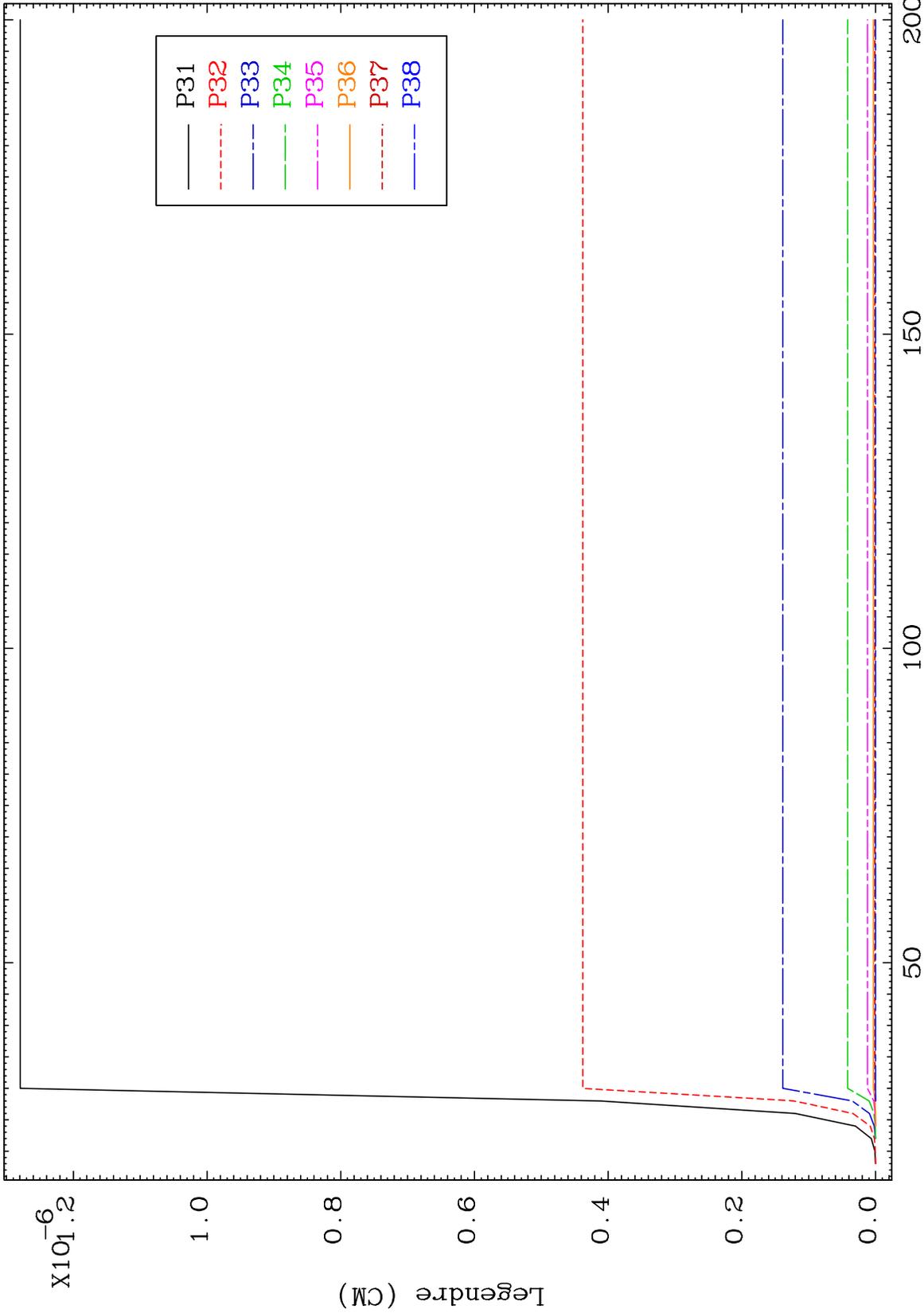
83-Bi-203



MAT 8307

MT= 74 (n,n') Level  
Legendre Coefficients

83-Bi-203



115

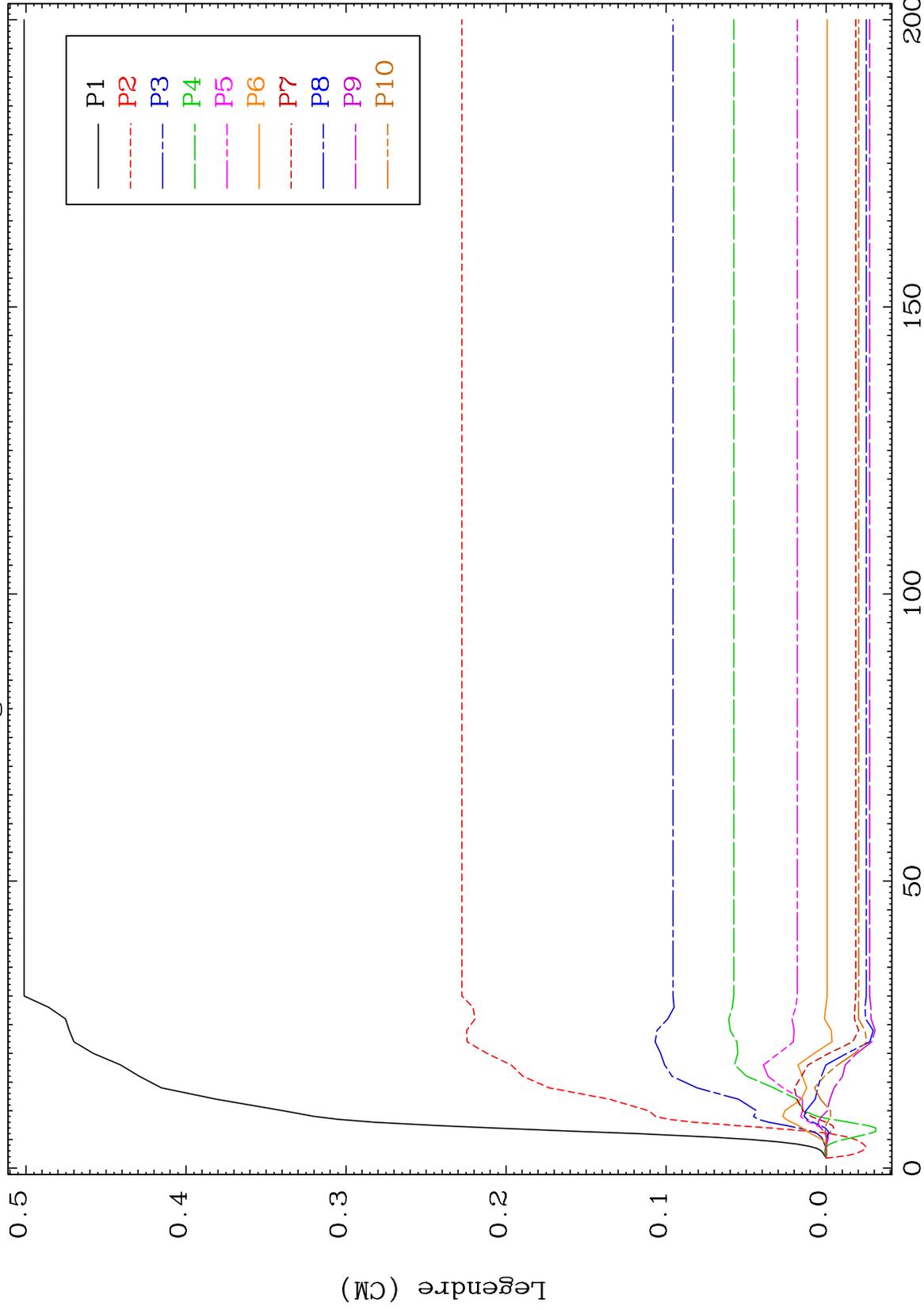
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 75 (n,n') Level Legendre Coefficients

83-Bi-203



116

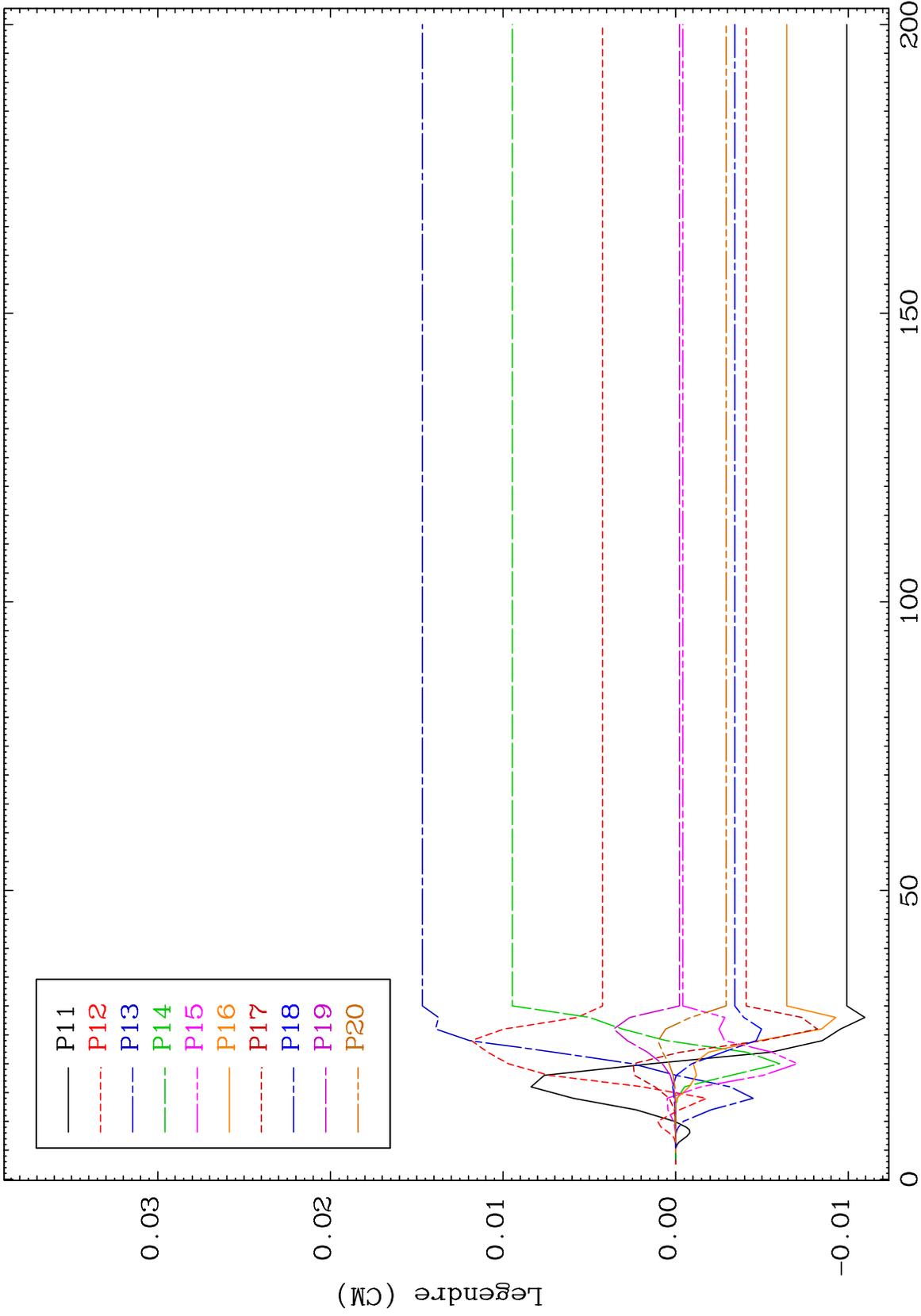
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 75 (n,n') Level  
Legendre Coefficients

83-Bi-203



117

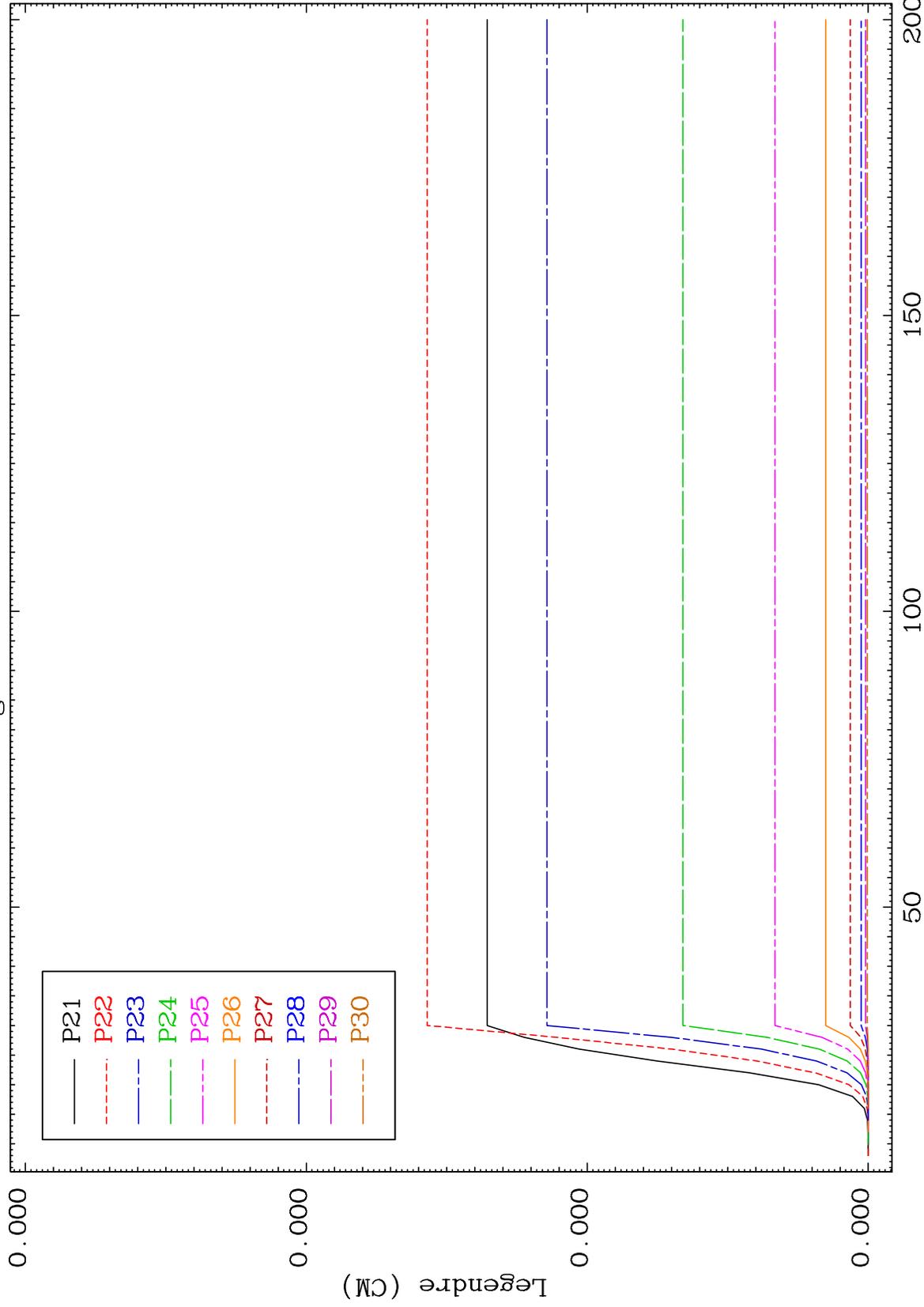
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 75 (n,n') Level  
Legendre Coefficients

83-Bi-203



118

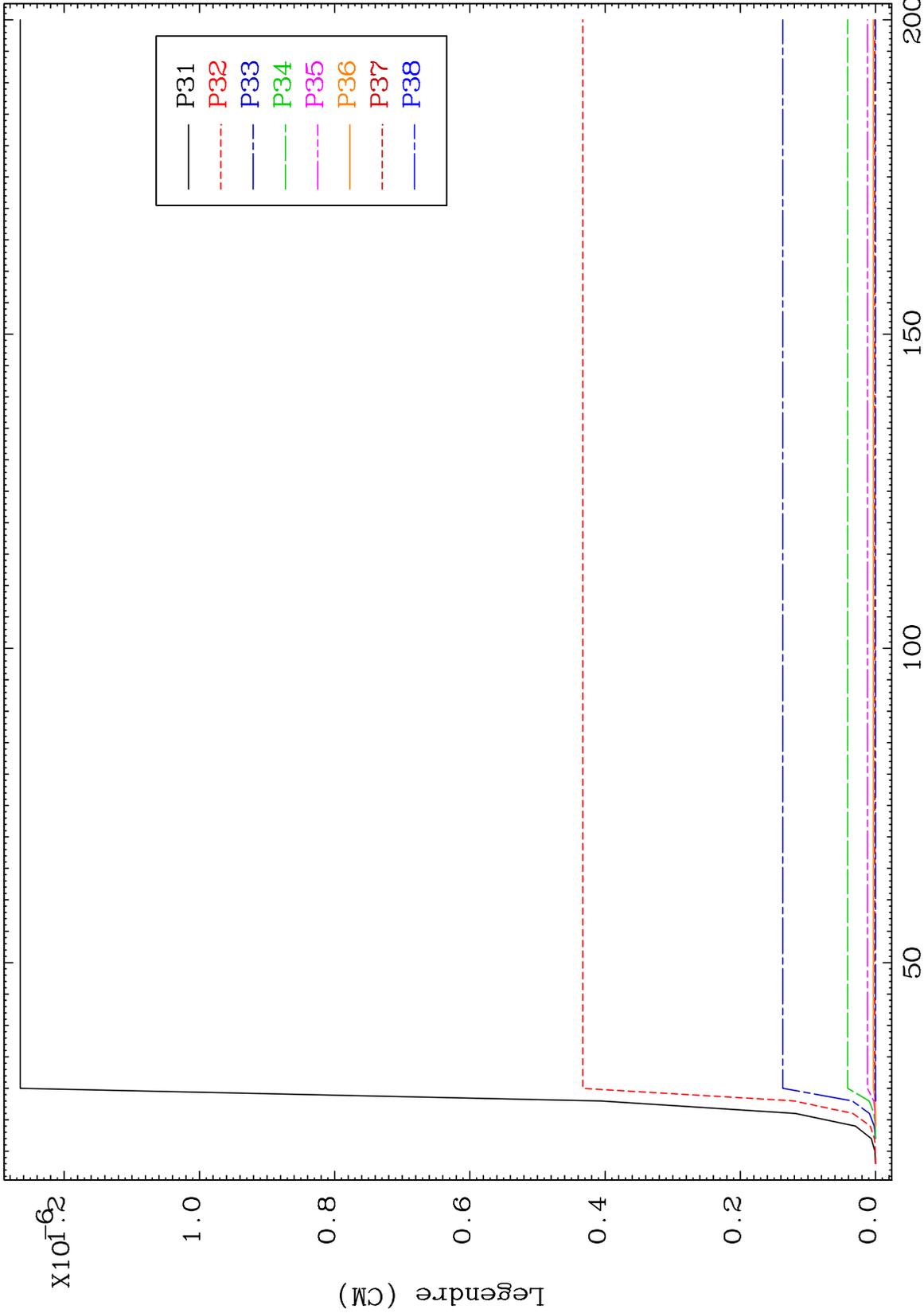
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 75 (n,n') Level  
Legendre Coefficients

83-Bi-203



119

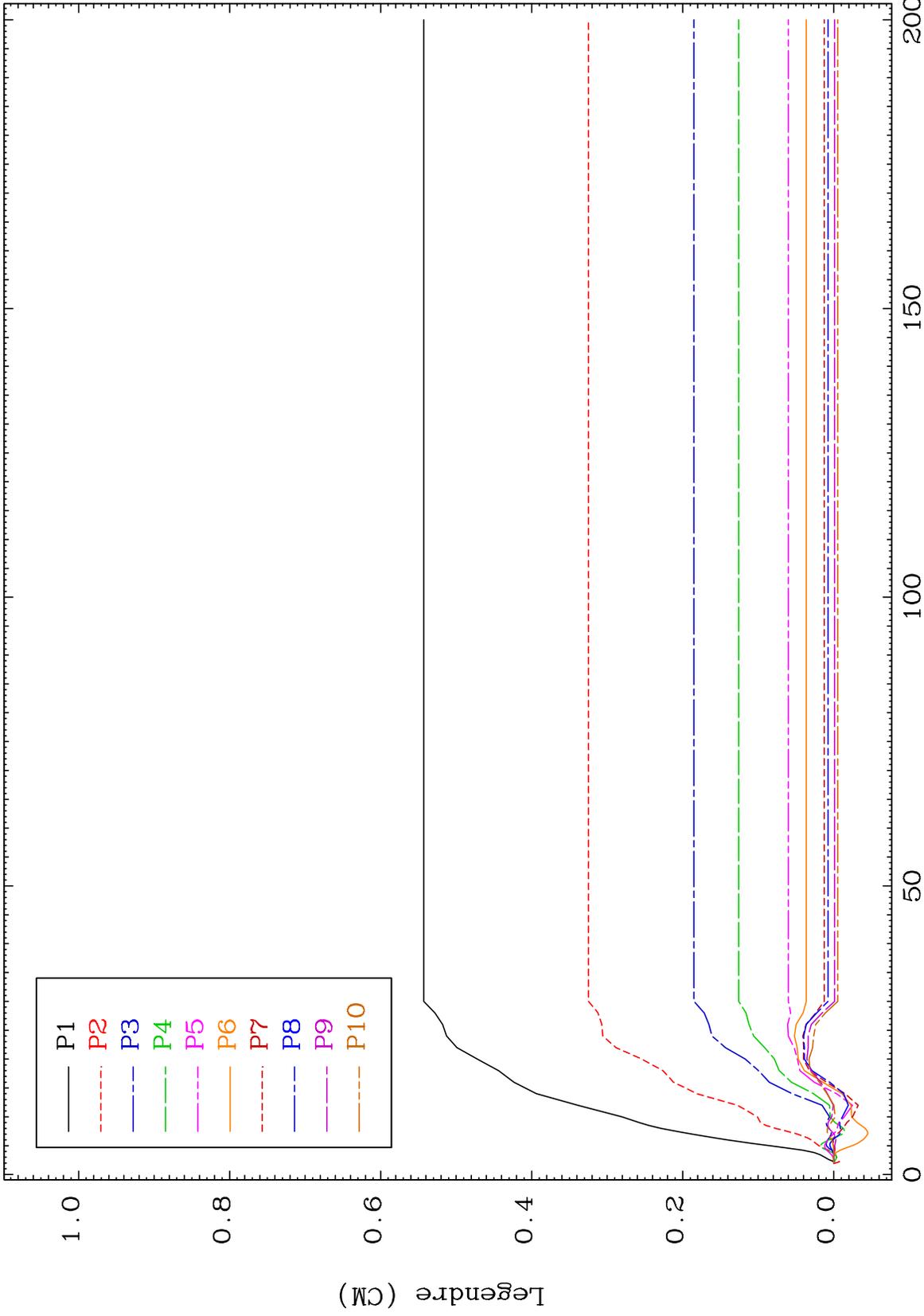
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 76 (n,n') Level  
Legendre Coefficients

83-Bi-203



83-Bi-203

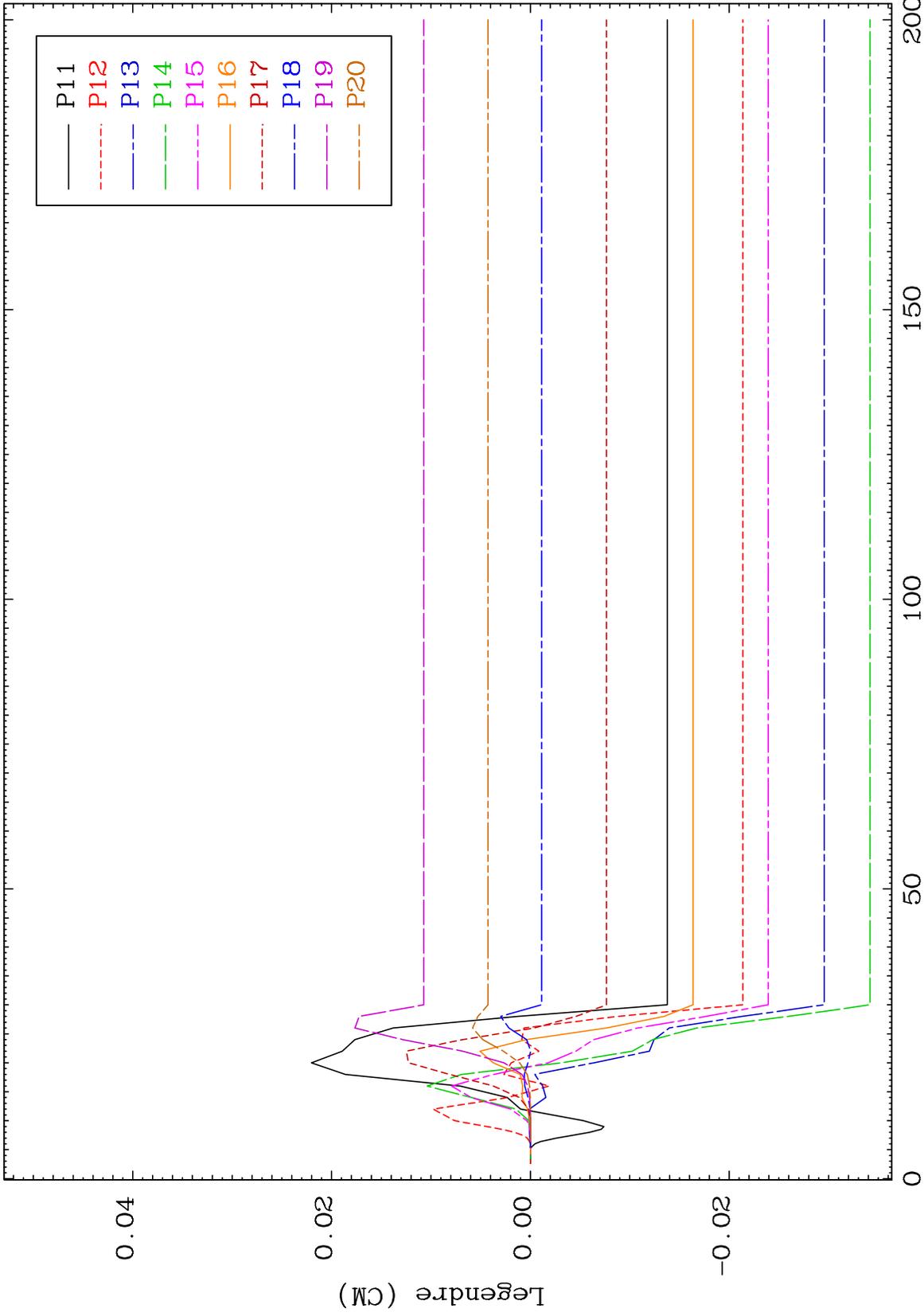
Incident Energy (MeV)

120

MAT 8307

MT= 76 (n,n') Level  
Legendre Coefficients

83-Bi-203



121

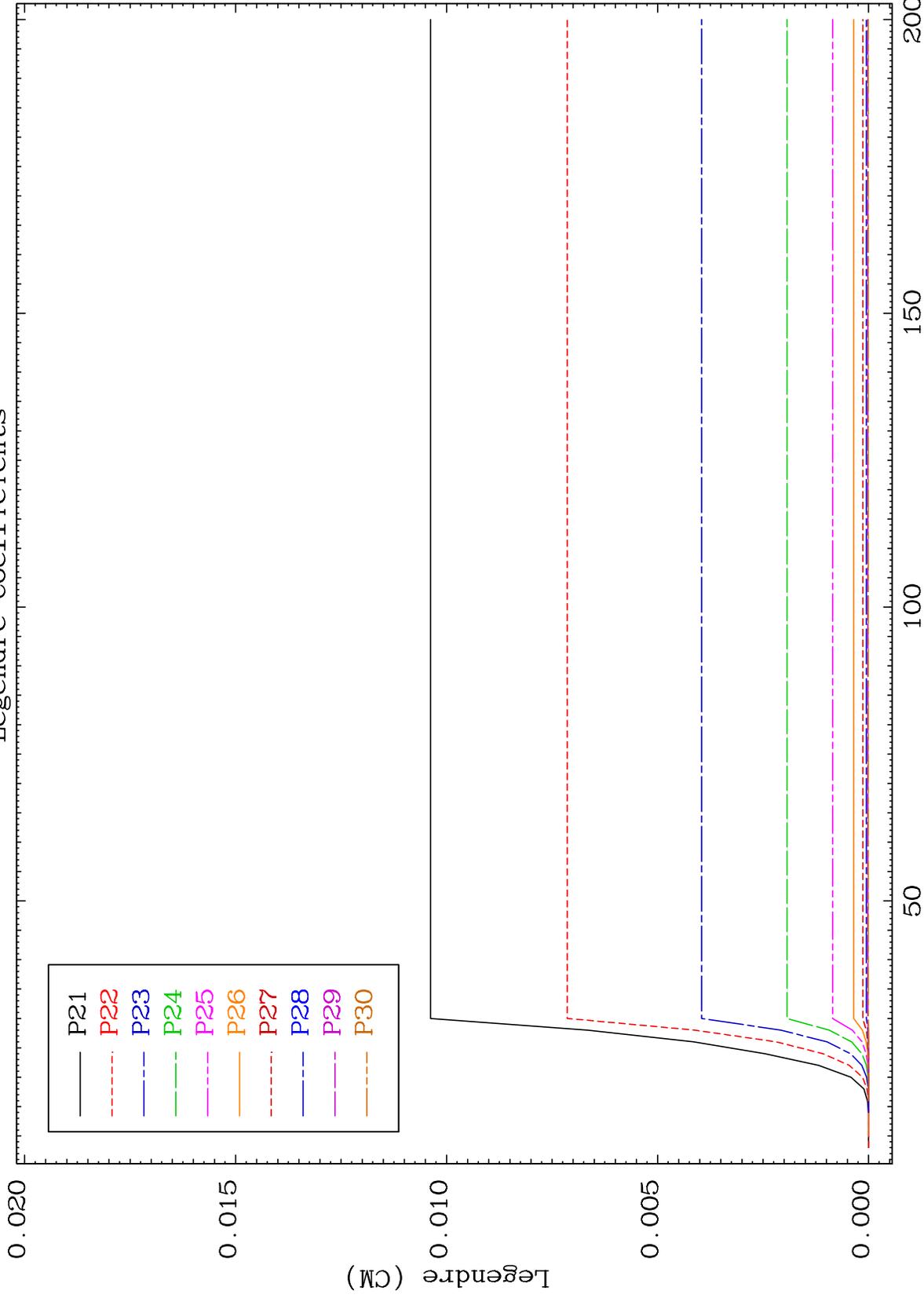
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 76 (n,n') Level  
Legendre Coefficients

83-Bi-203



122

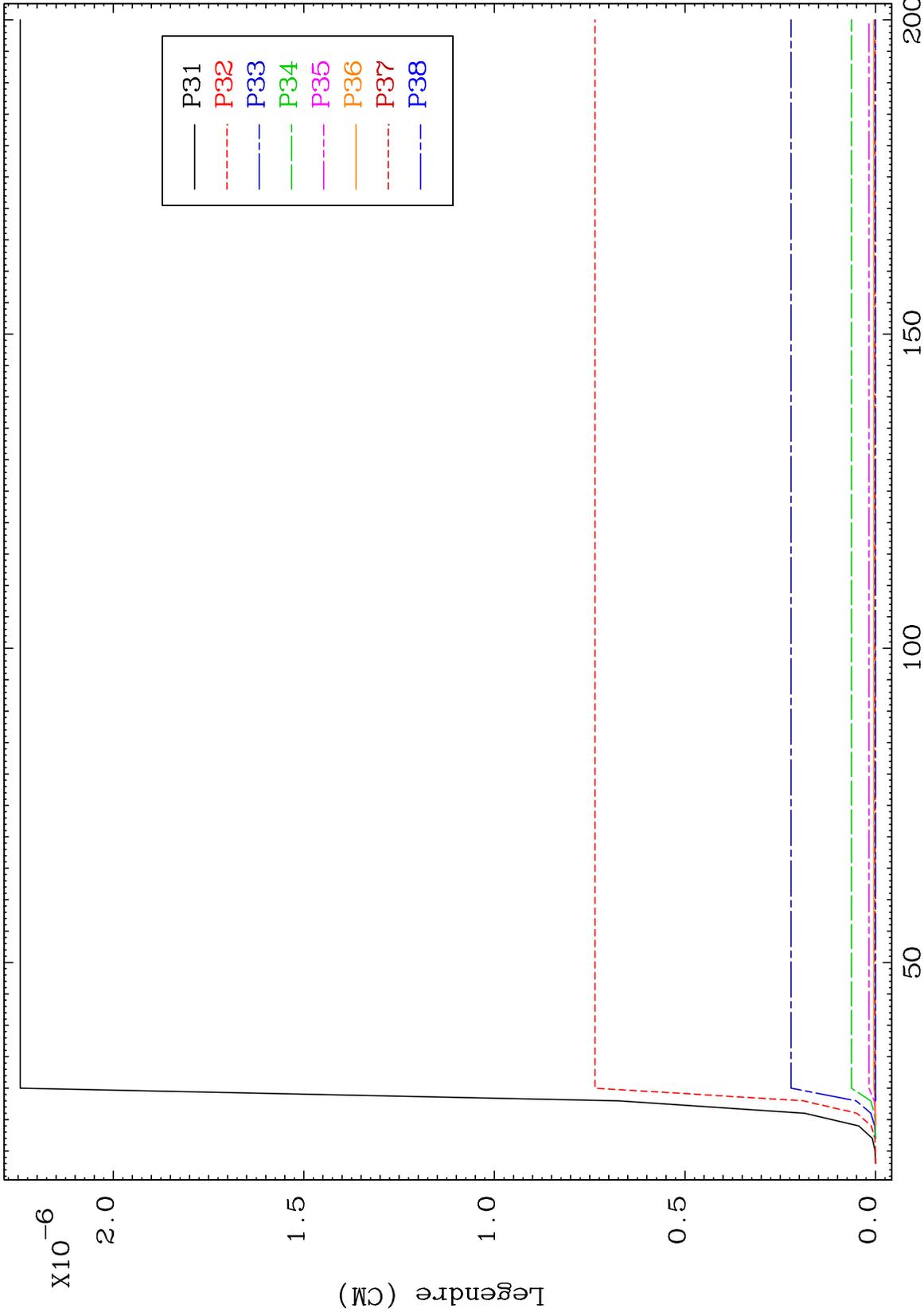
Incident Energy (MeV)

83-Bi-203

MAT 8307

MT= 76 (n,n') Level  
Legendre Coefficients

83-Bi-203



123

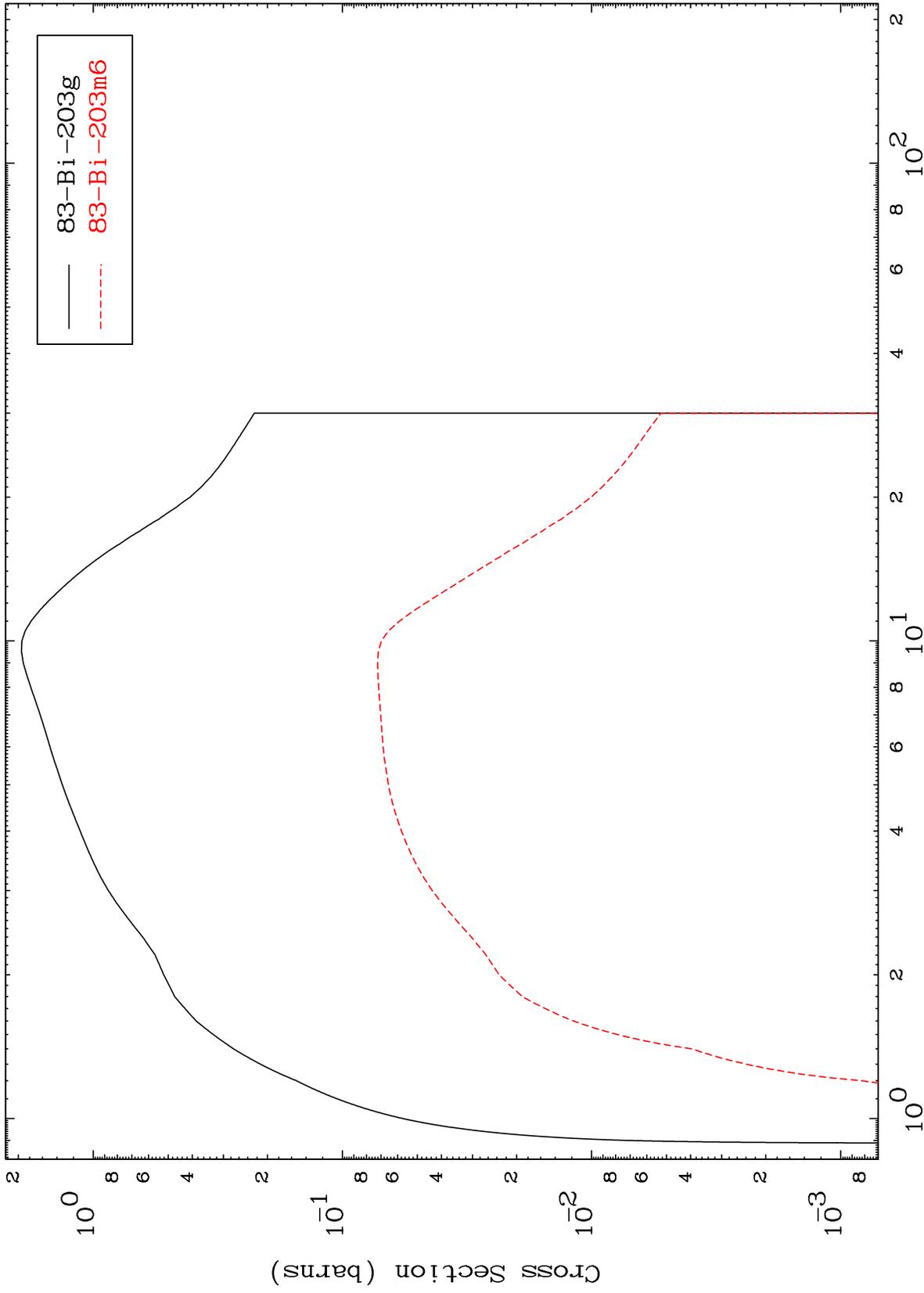
Incident Energy (MeV)

83-Bi-203

MAT 8307

# Inelastic Radionuclide Production Cross Section

83-Bi-203



124

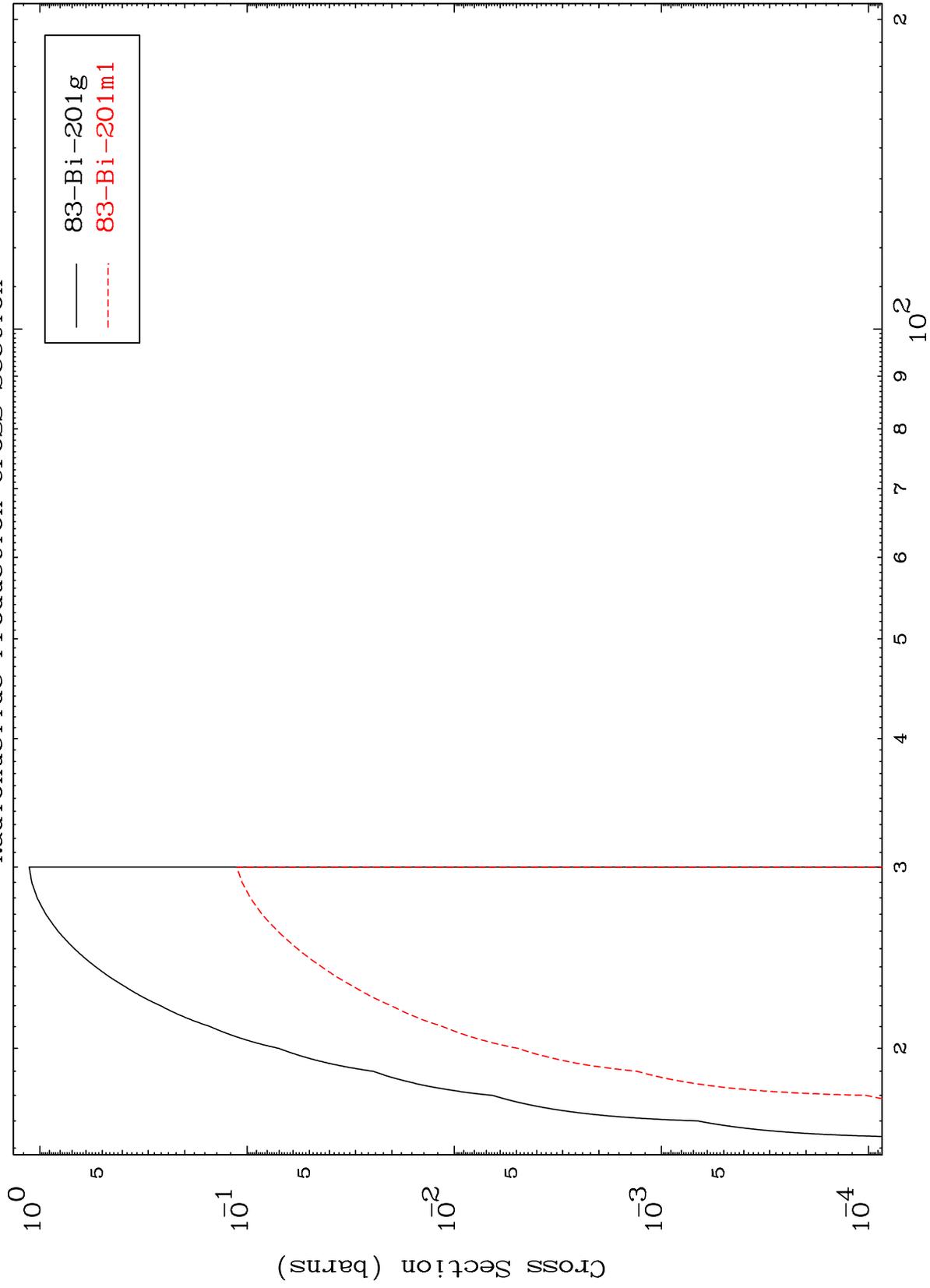
Incident Energy (MeV)

83-Bi-203

MAT 8307

83-Bi-203

(n,3n)  
Radionuclide Production Cross Section



125

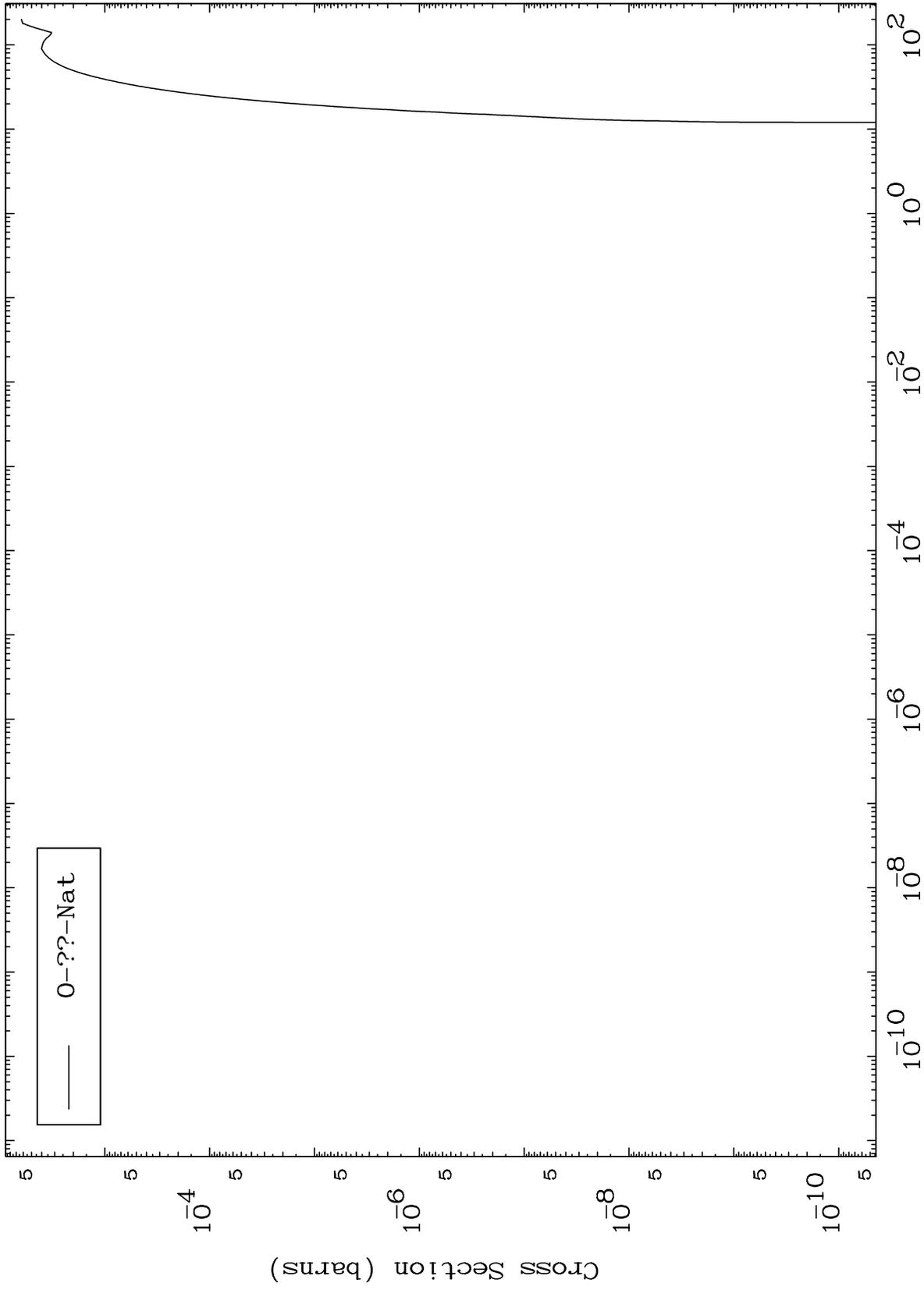
83-Bi-203

MAT 8307

Fission

83-Bi-203

Radionuclide Production Cross Section



126

Incident Energy (MeV)

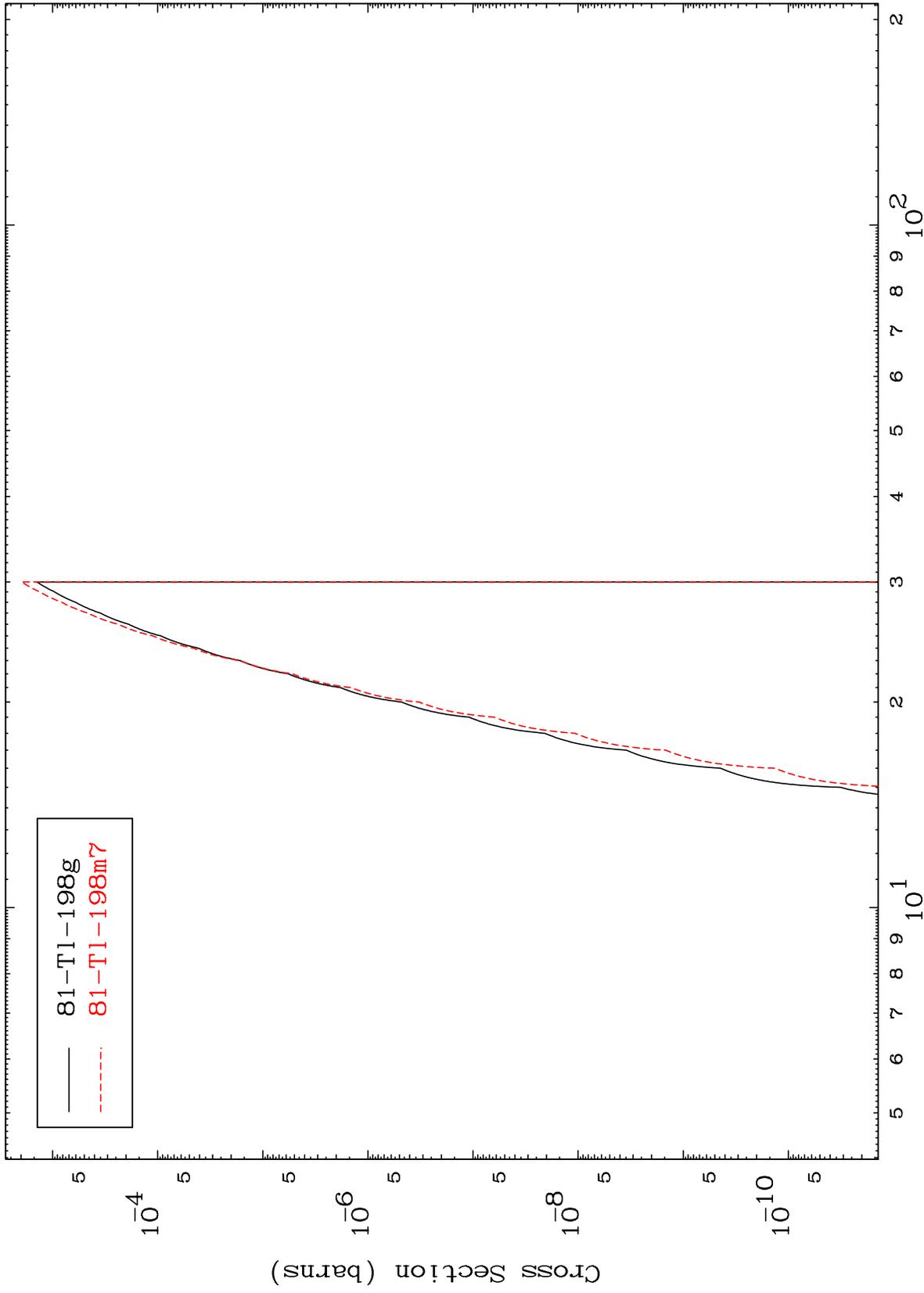
83-Bi-203

MAT 8307

(n,2n)  $\alpha$

83-Bi-203

Radionuclide Production Cross Section



127

Incident Energy (MeV)

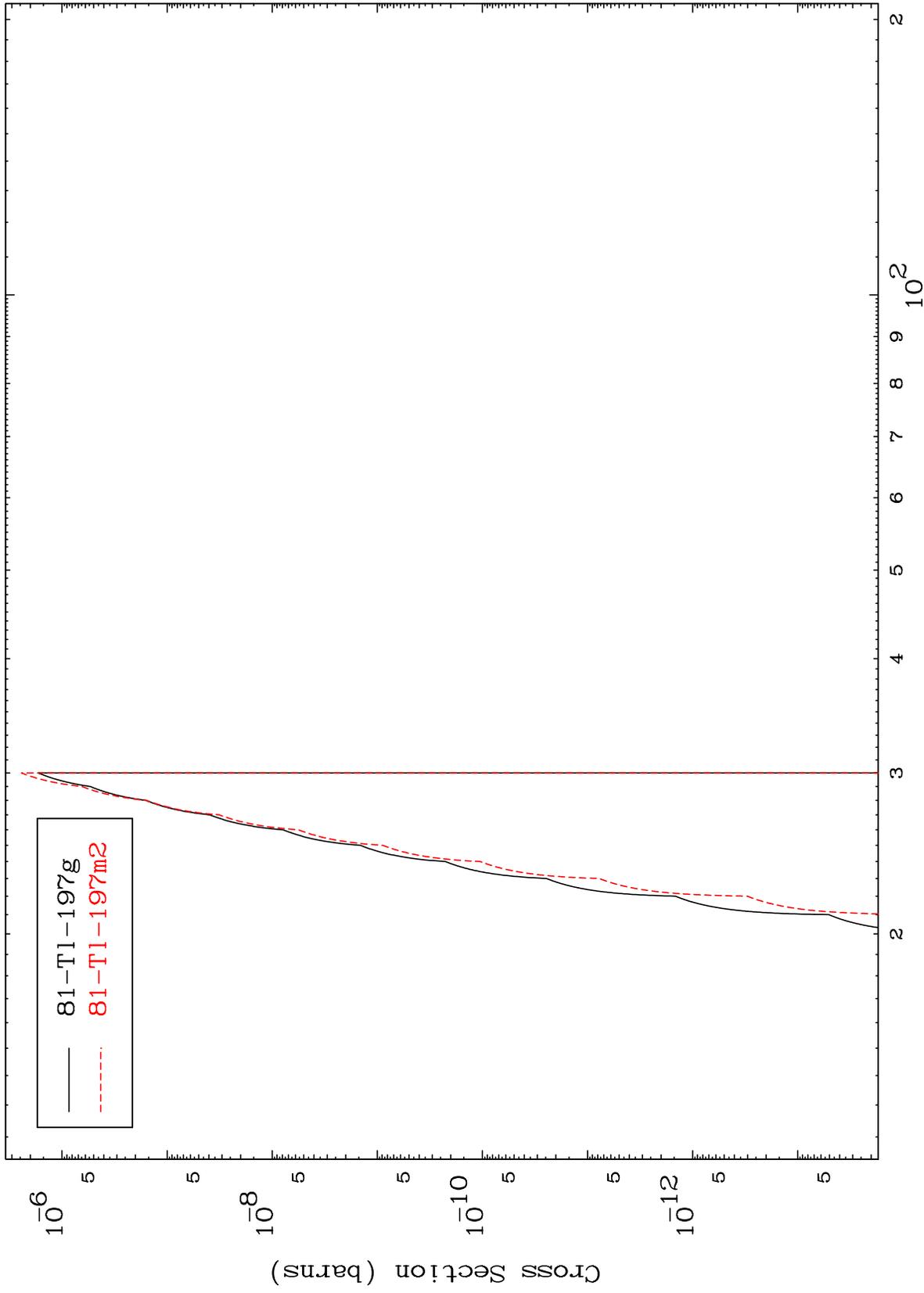
83-Bi-203

MAT 8307

(n,3n)  $\alpha$

83-Bi-203

Radionuclide Production Cross Section



128

Incident Energy (MeV)

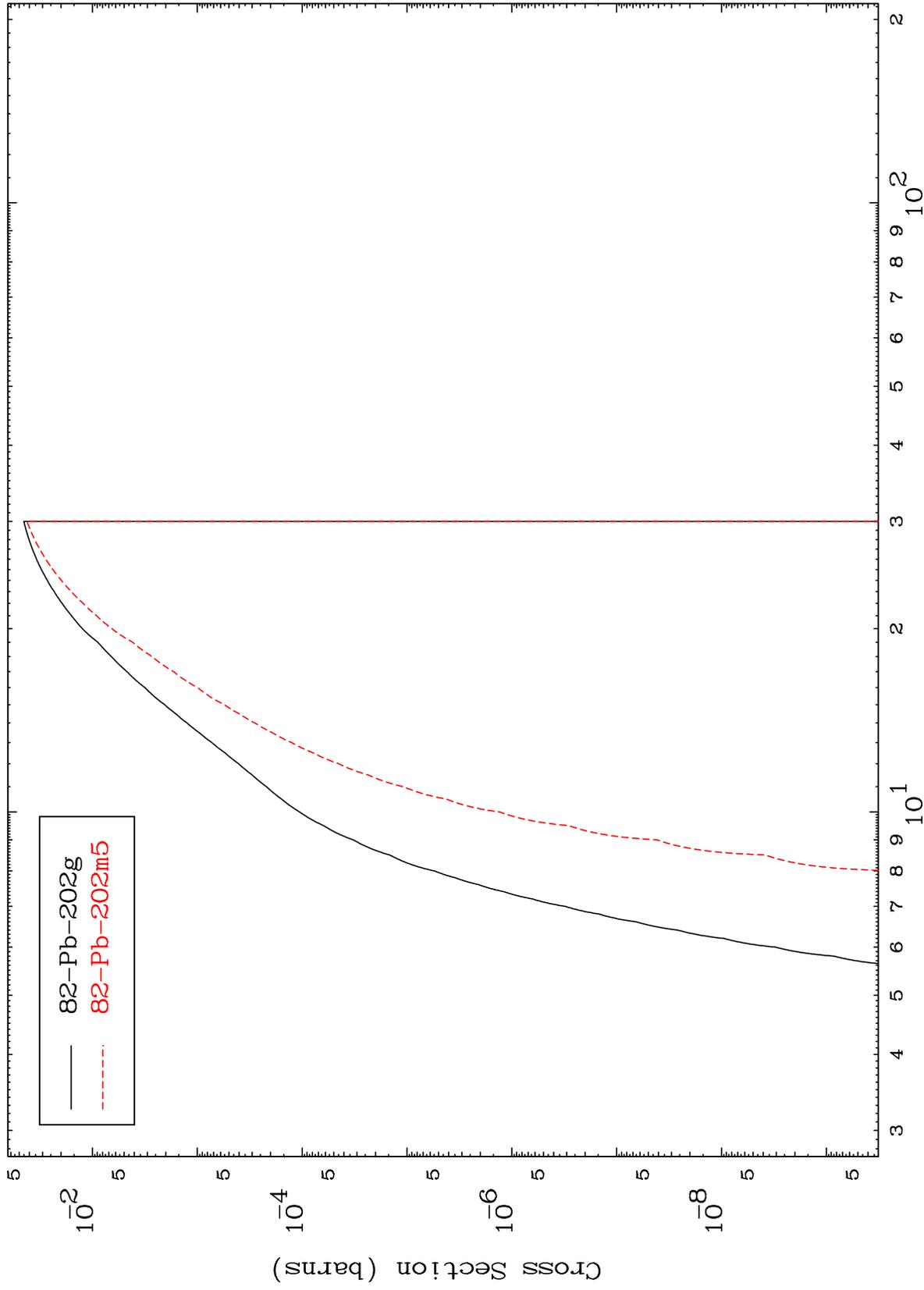
83-Bi-203

MAT 8307

(n,n') p

83-Bi-203

Radionuclide Production Cross Section



129

Incident Energy (MeV)

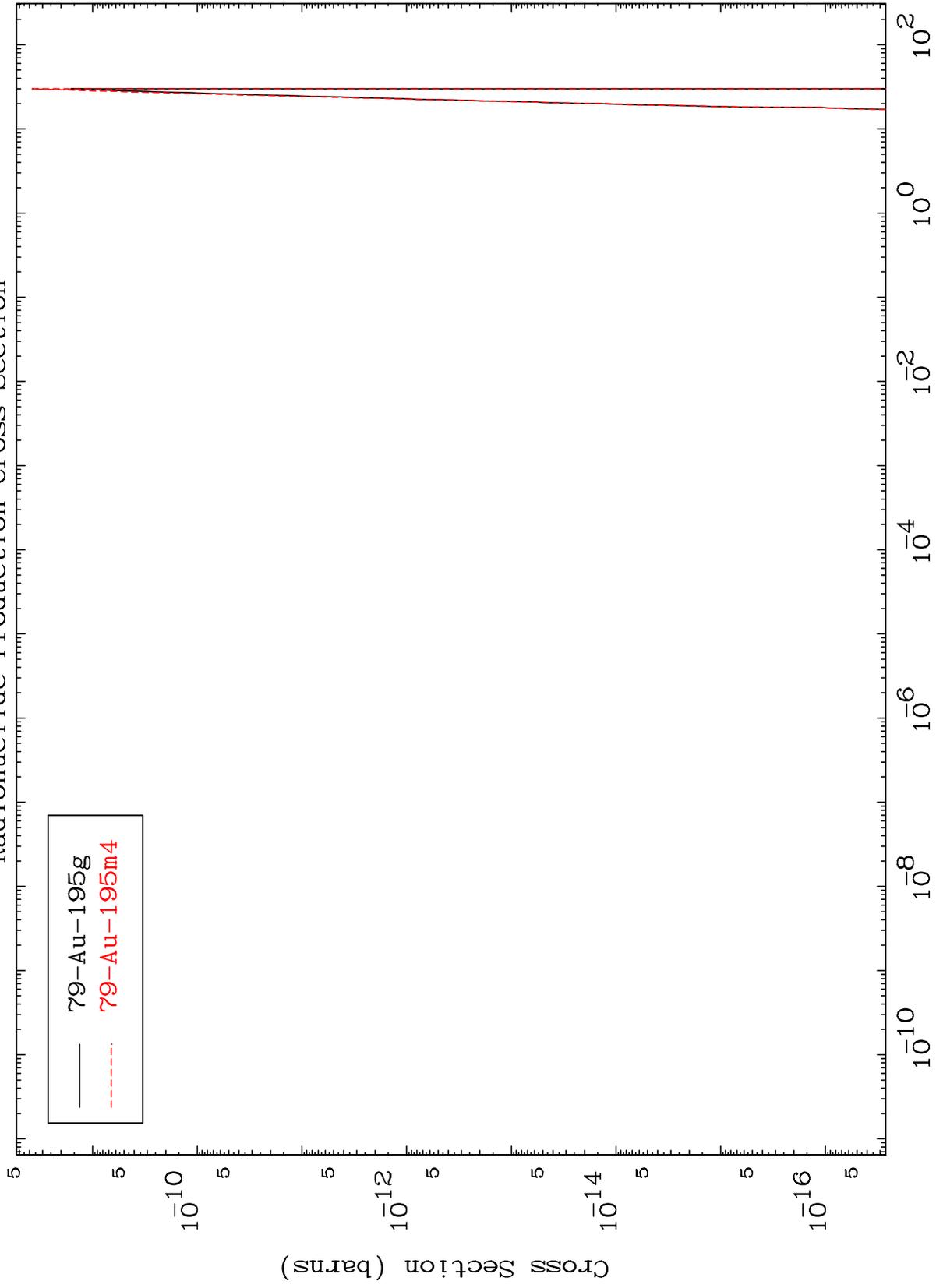
83-Bi-203

MAT 8307

(n,n') 2 $\alpha$

83-Bi-203

Radionuclide Production Cross Section



130

Incident Energy (MeV)

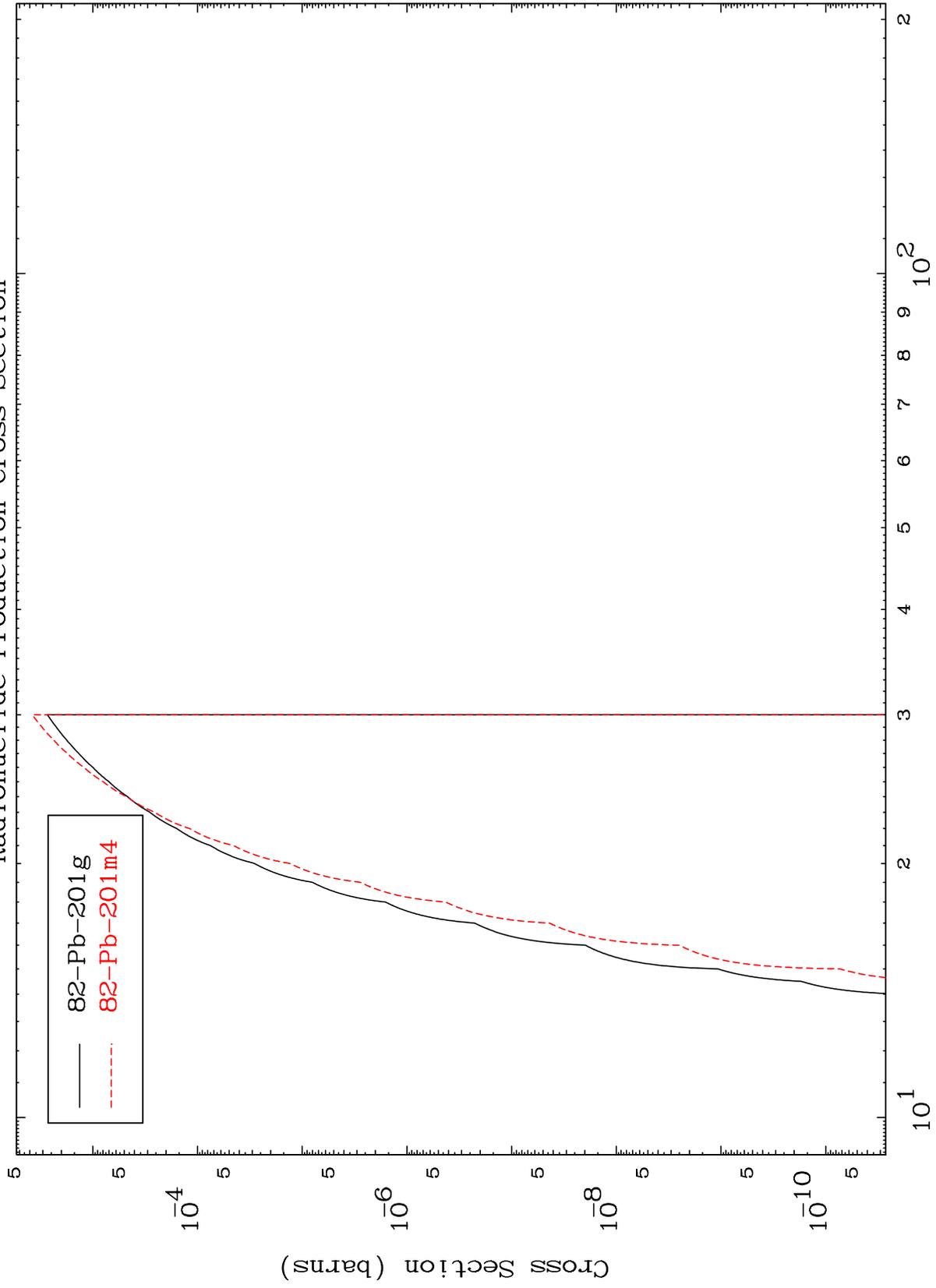
83-Bi-203

MAT 8307

(n,n') d

83-Bi-203

Radionuclide Production Cross Section



131

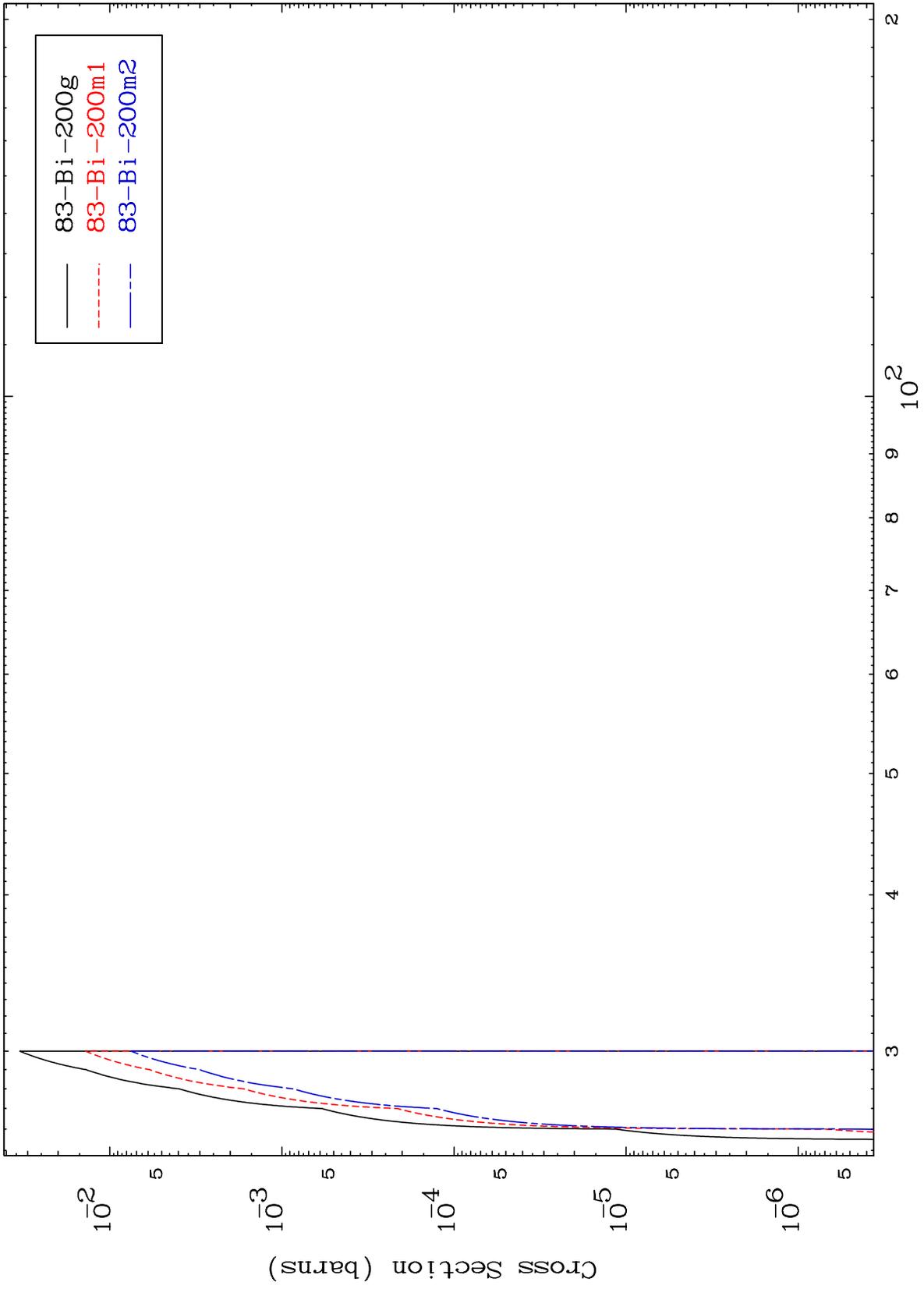
Incident Energy (MeV)

83-Bi-203

MAT 8307

83-Bi-203

(n,4n)  
Radionuclide Production Cross Section



132

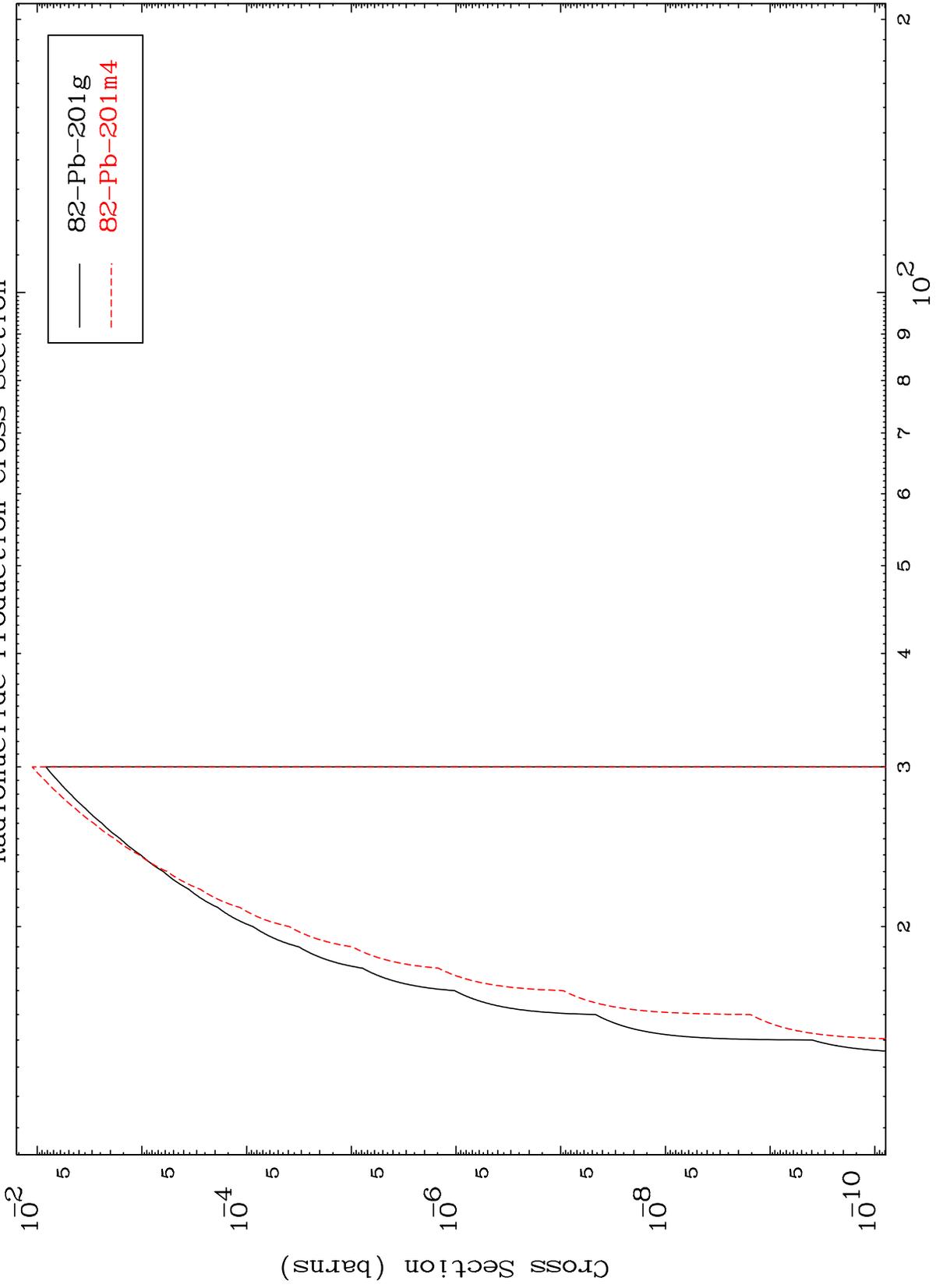
83-Bi-203

MAT 8307

(n,2n) p

83-Bi-203

Radionuclide Production Cross Section



133

Incident Energy (MeV)

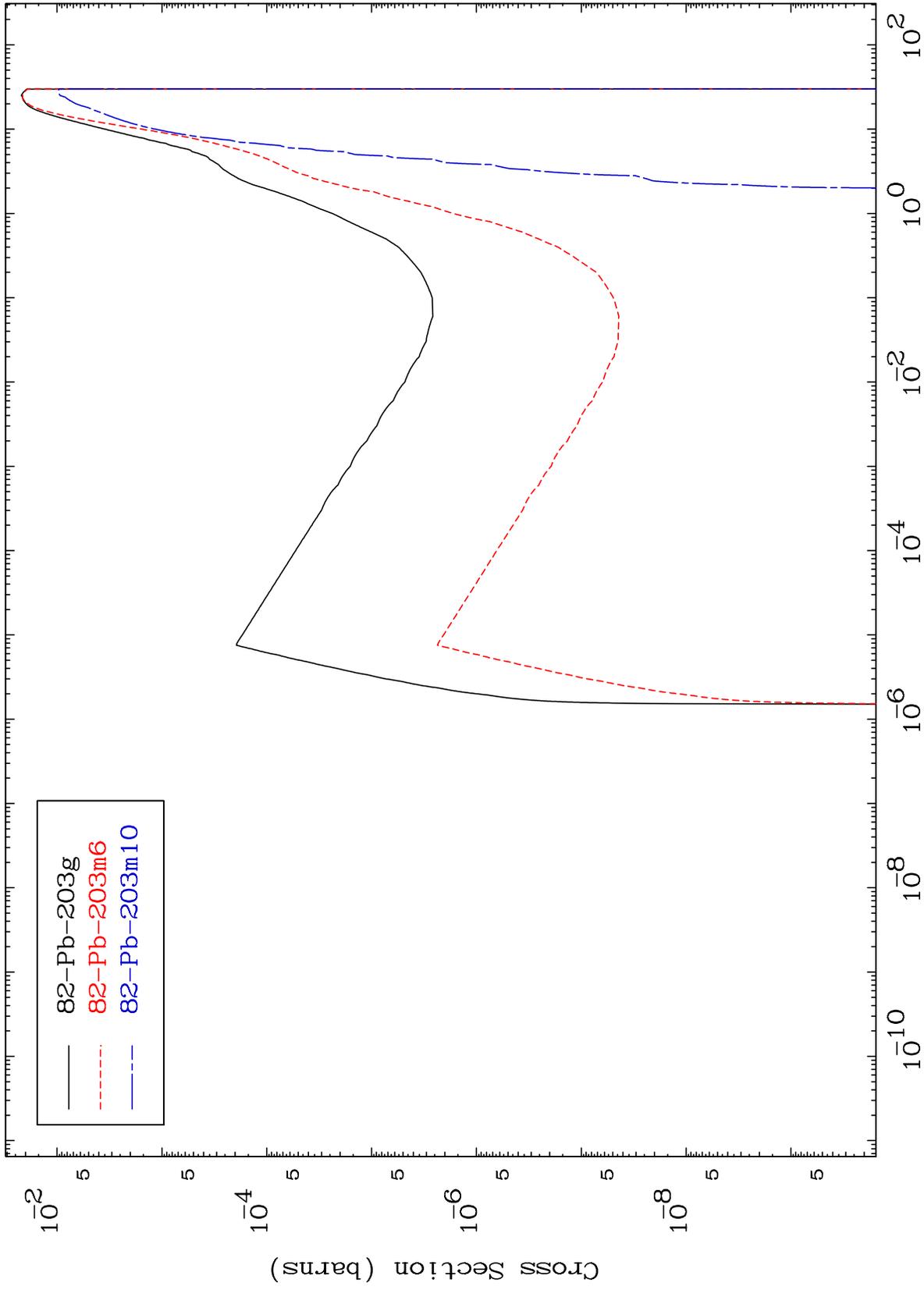
83-Bi-203

MAT 8307

(n,p)

83-Bi-203

Radionuclide Production Cross Section



134

Incident Energy (MeV)

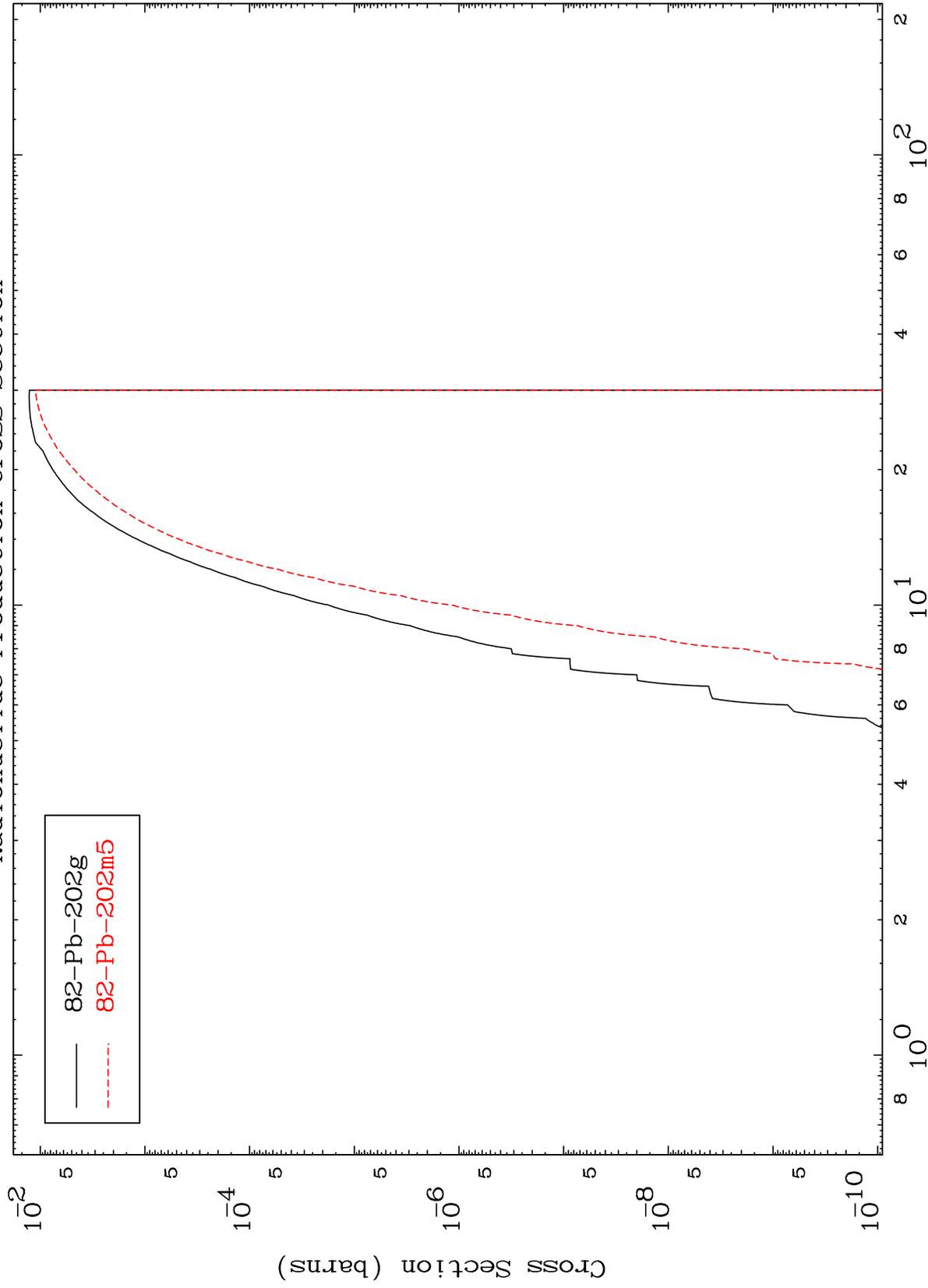
83-Bi-203

MAT 8307

(n,d)

83-Bi-203

Radionuclide Production Cross Section



135

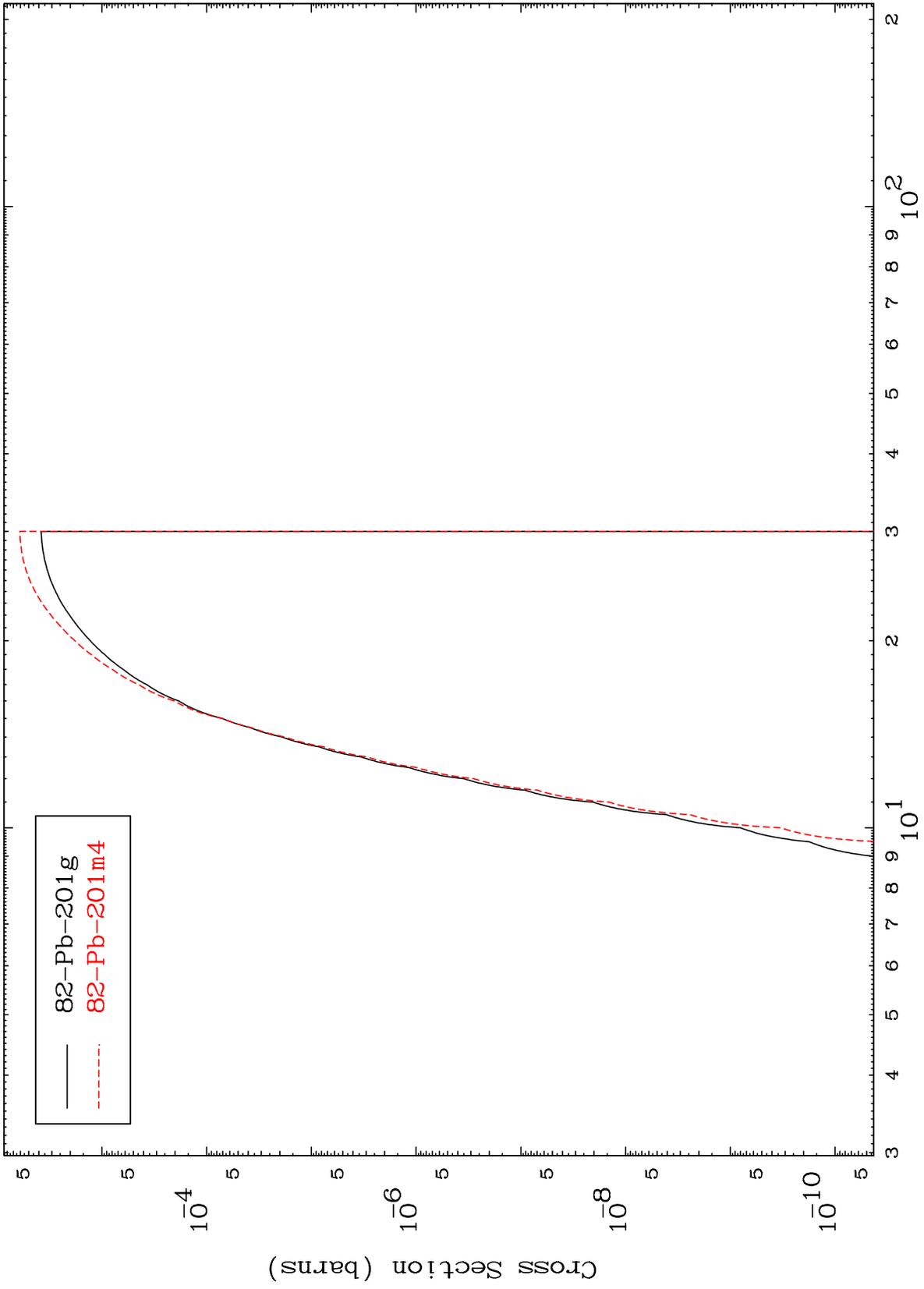
Incident Energy (MeV)

83-Bi-203

MAT 8307

83-Bi-203

(n, t)  
Radionuclide Production Cross Section



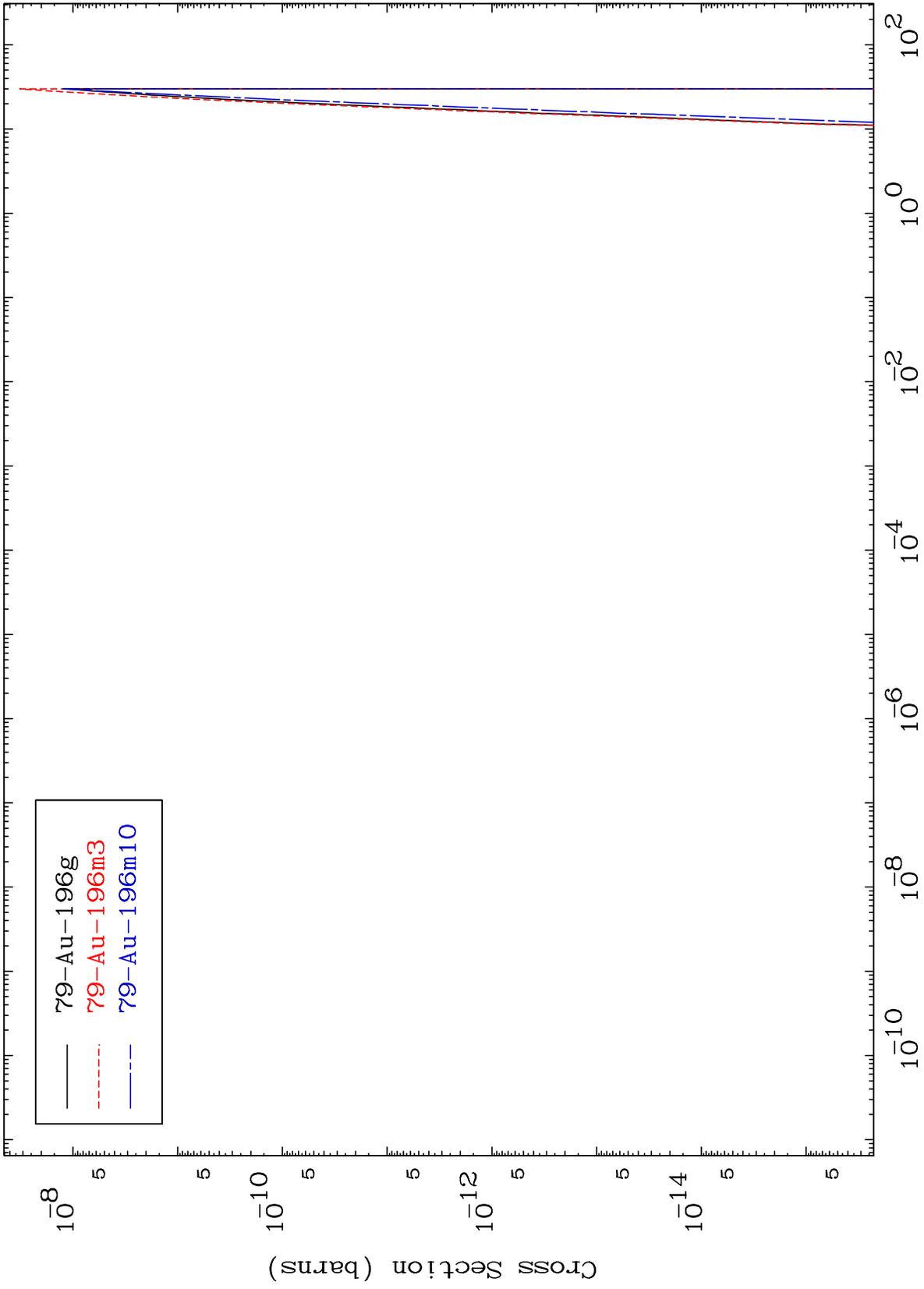
136

83-Bi-203

MAT 8307

83-Bi-203

Radionuclide Production Cross Section  
(n,2α)



137

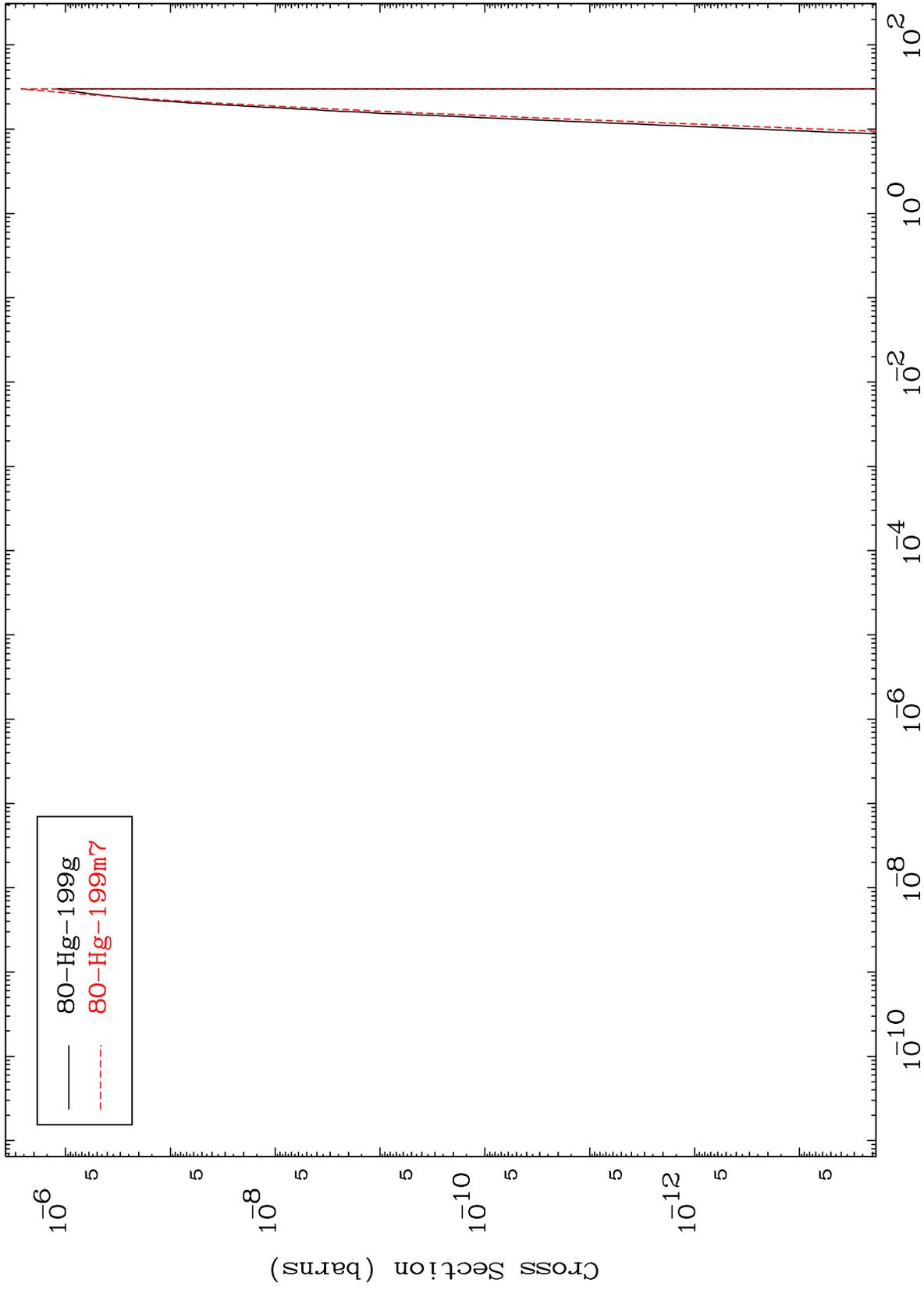
83-Bi-203

MAT 8307

(n,p)  $\alpha$

83-Bi-203

Radionuclide Production Cross Section



138

Incident Energy (MeV)

83-Bi-203