

Program EVALPLOT
(Version 2018-1)

by

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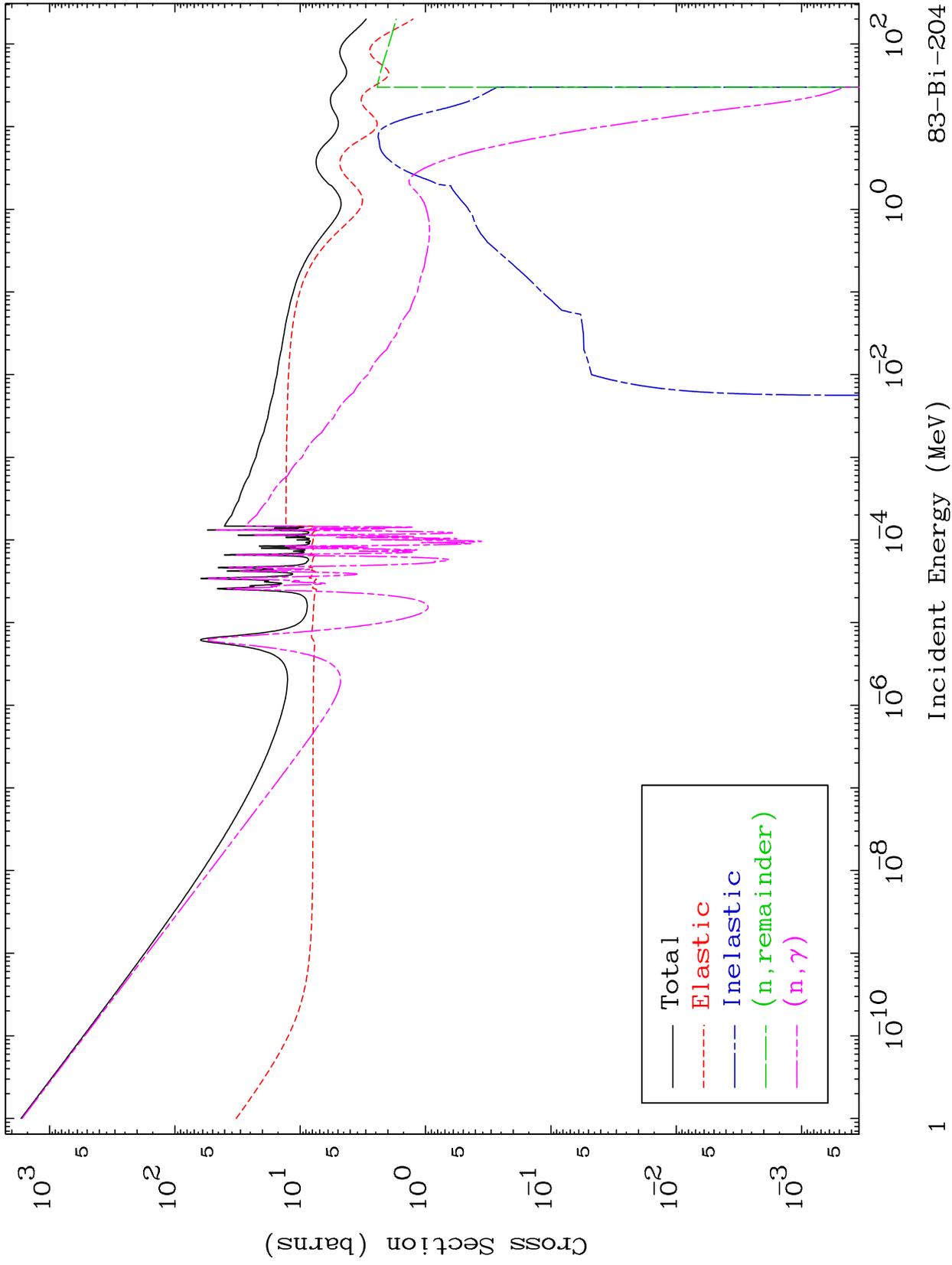
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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8310

Major
293 Kelvin Cross Sections

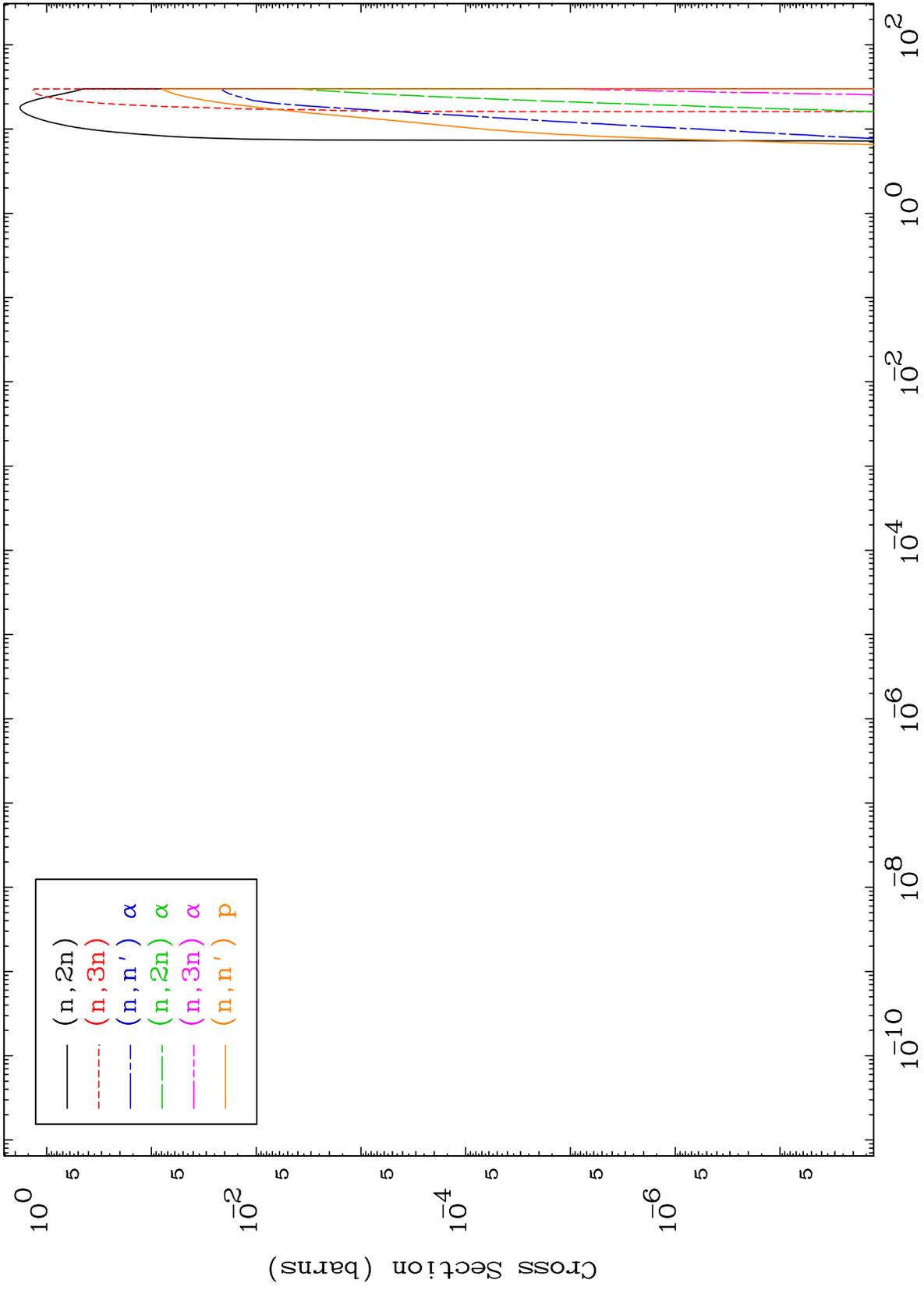
83-Bi-204



MAT 8310

Neutron Production
293 Kelvin Cross Sections

83-Bi-204

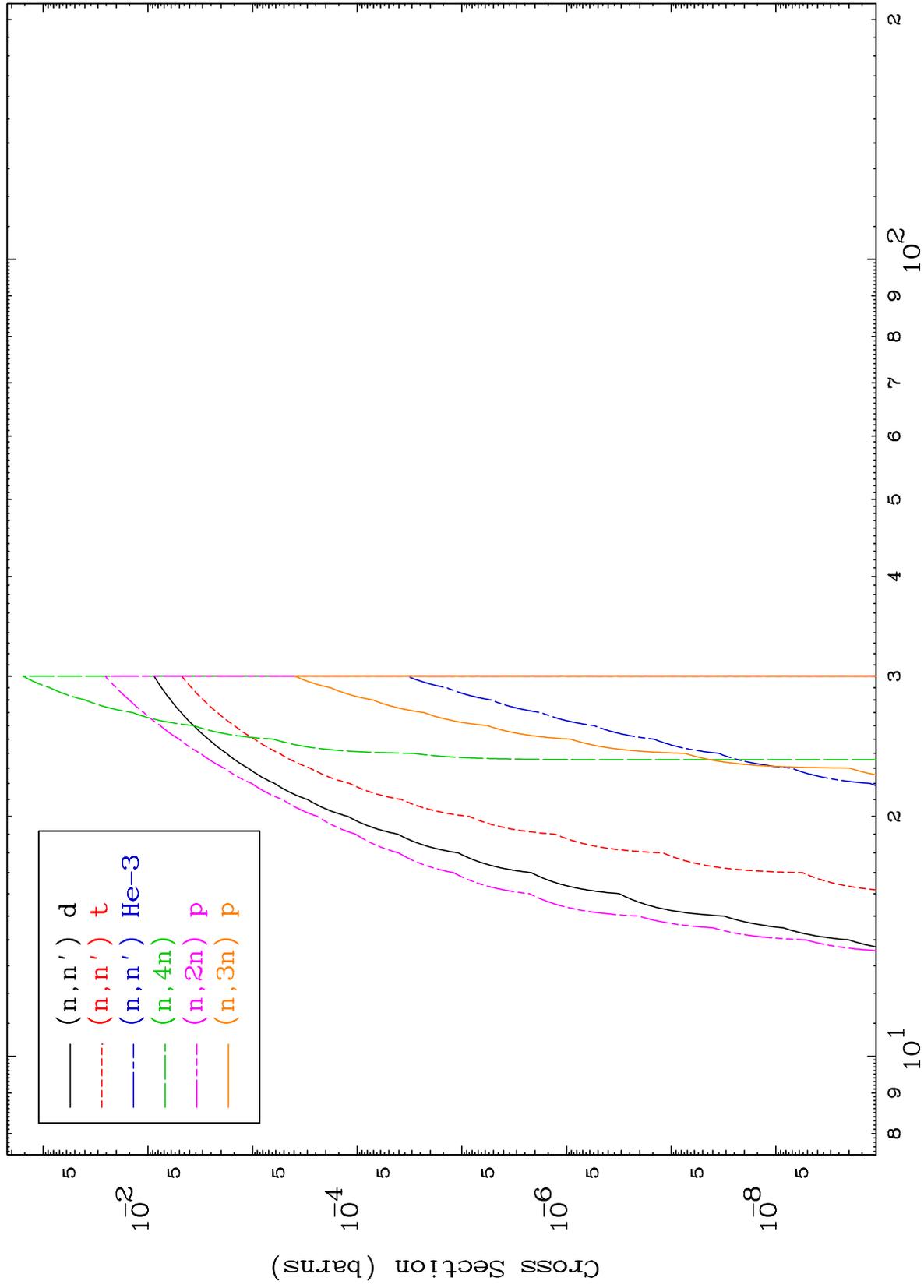


83-Bi-204

MAT 8310

Neutron Production
293 Kelvin Cross Sections

83-Bi-204



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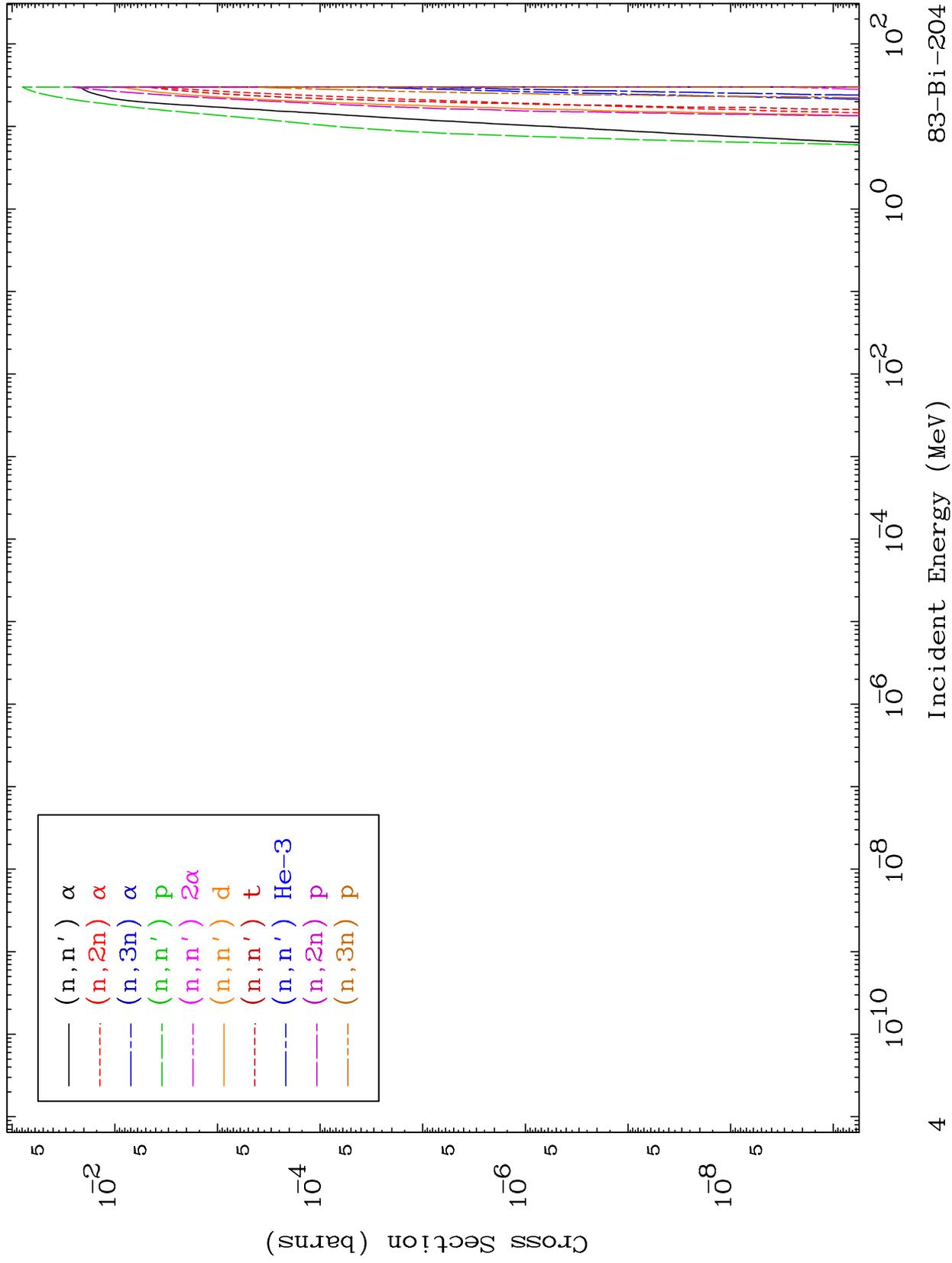
Incident Energy (MeV)

83-Bi-204

MAT 8310

Charged Particle
293 Kelvin Cross Sections

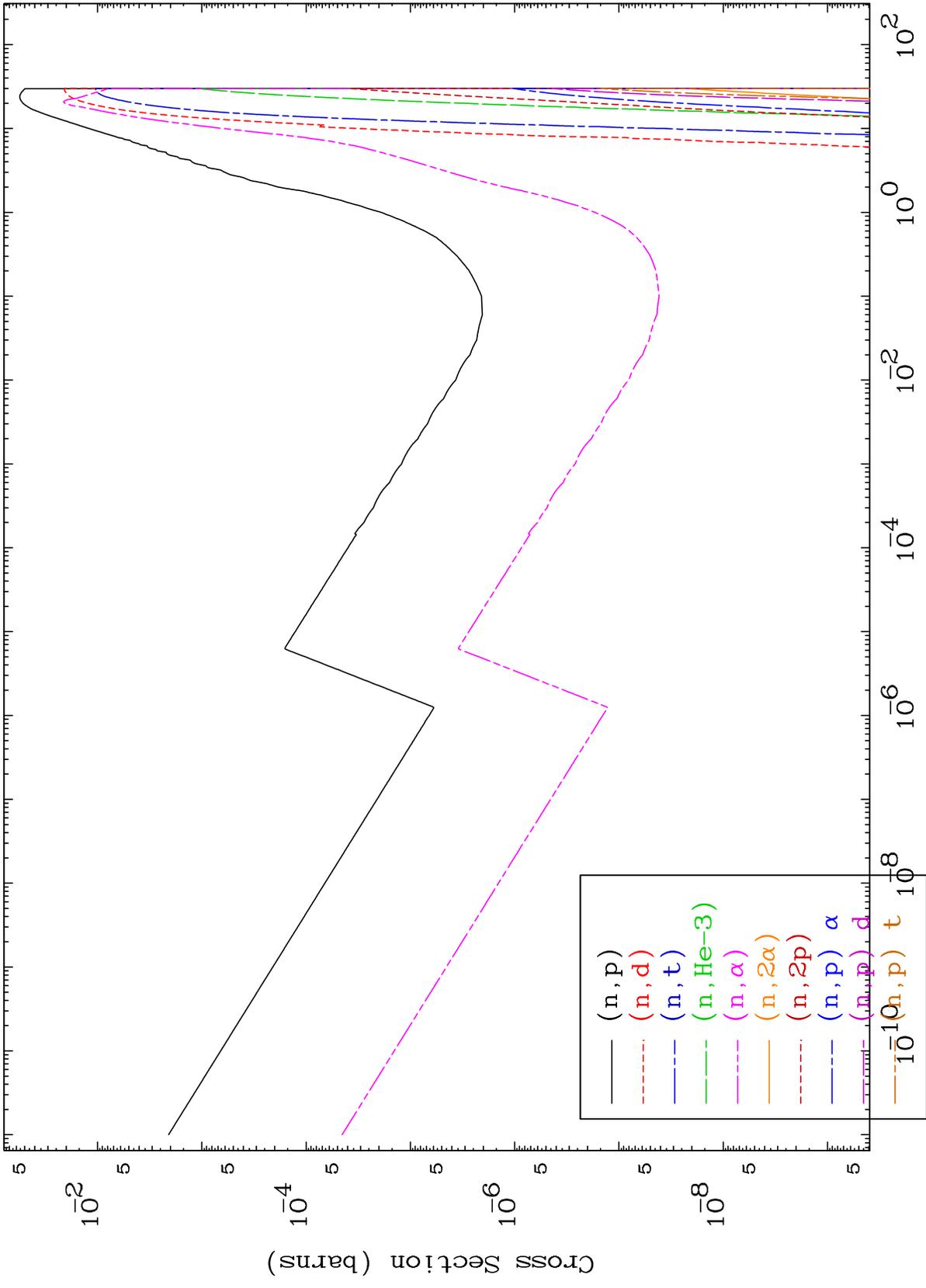
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MAT 8310

293 Kelvin Cross Sections

83-Bi-204

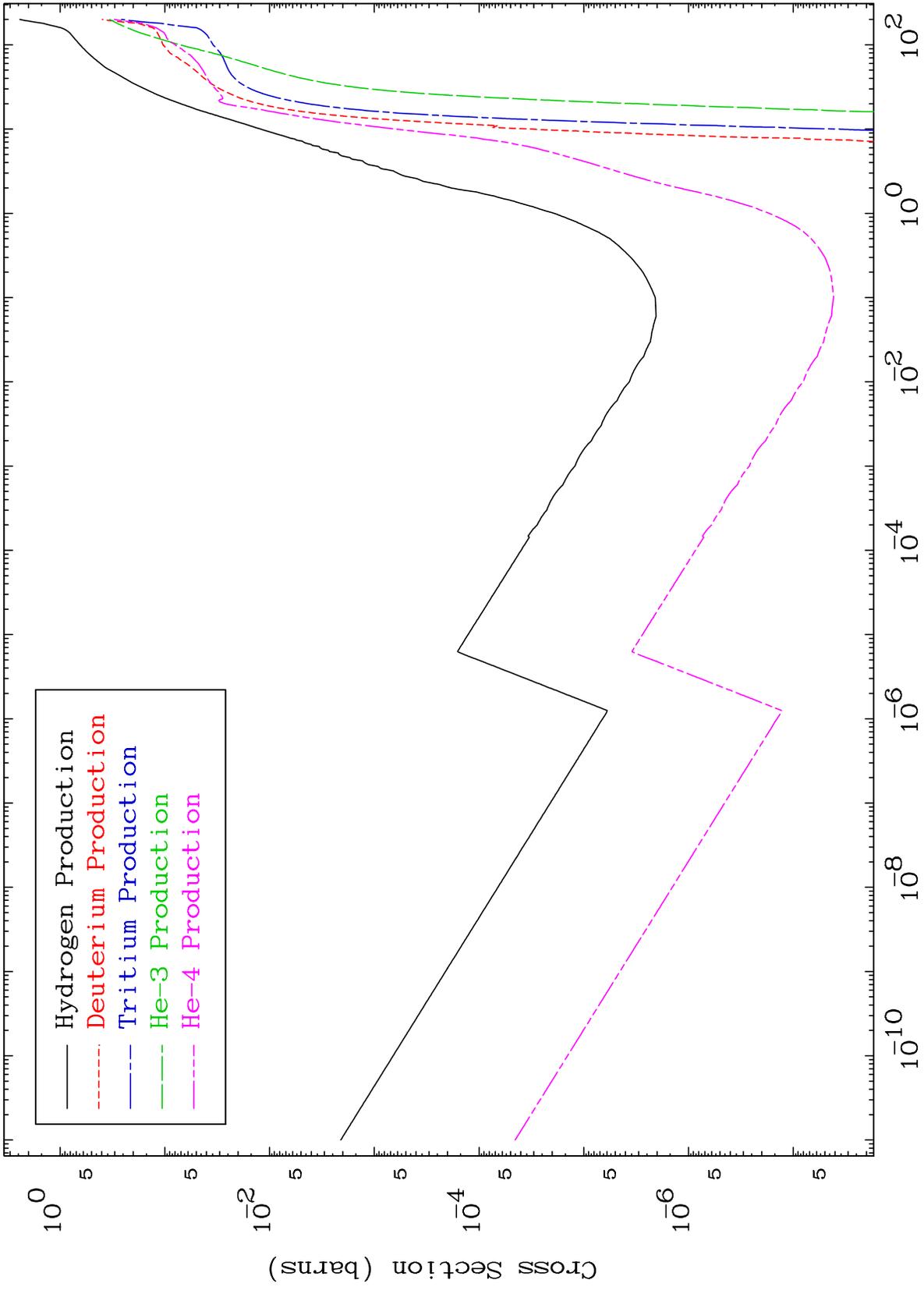


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MAT 8310

Particle Production
293 Kelvin Cross Sections

83-Bi-204

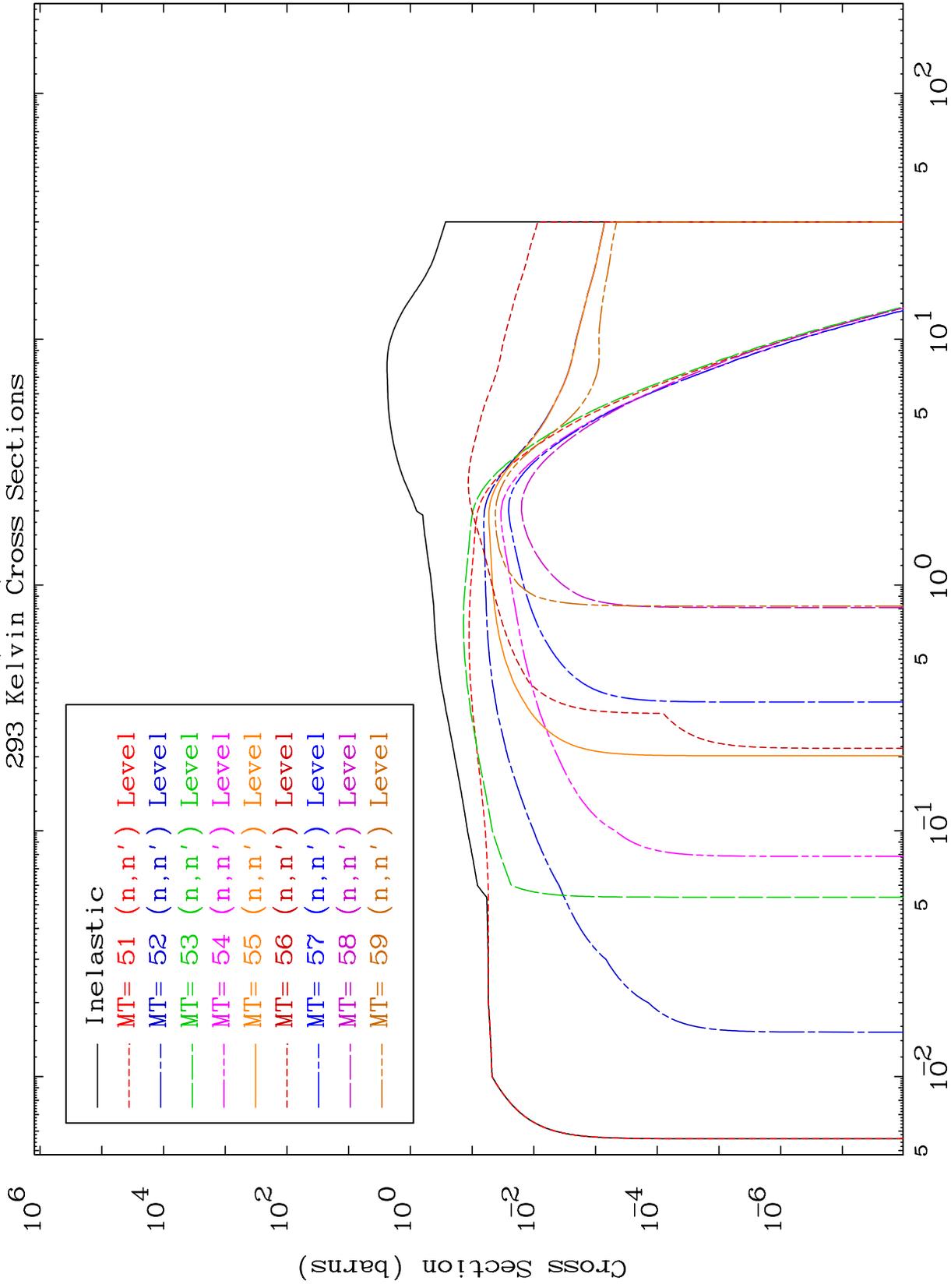


83-Bi-204

MAT 8310

293 Kelvin Cross Sections

83-Bi-204



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Incident Energy (MeV)

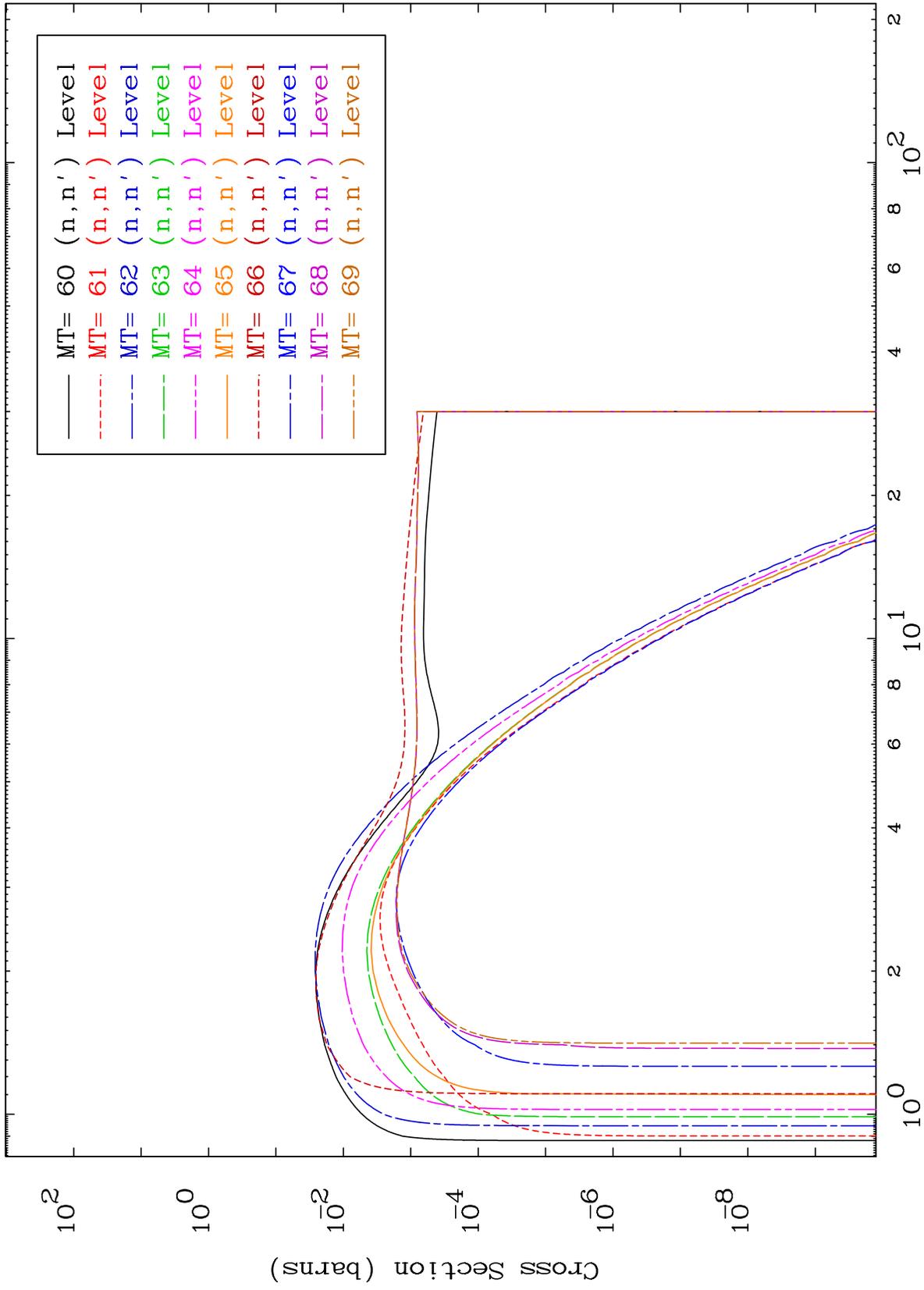
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MAT 8310

(n,n') Level

83-Bi-204

293 Kelvin Cross Sections



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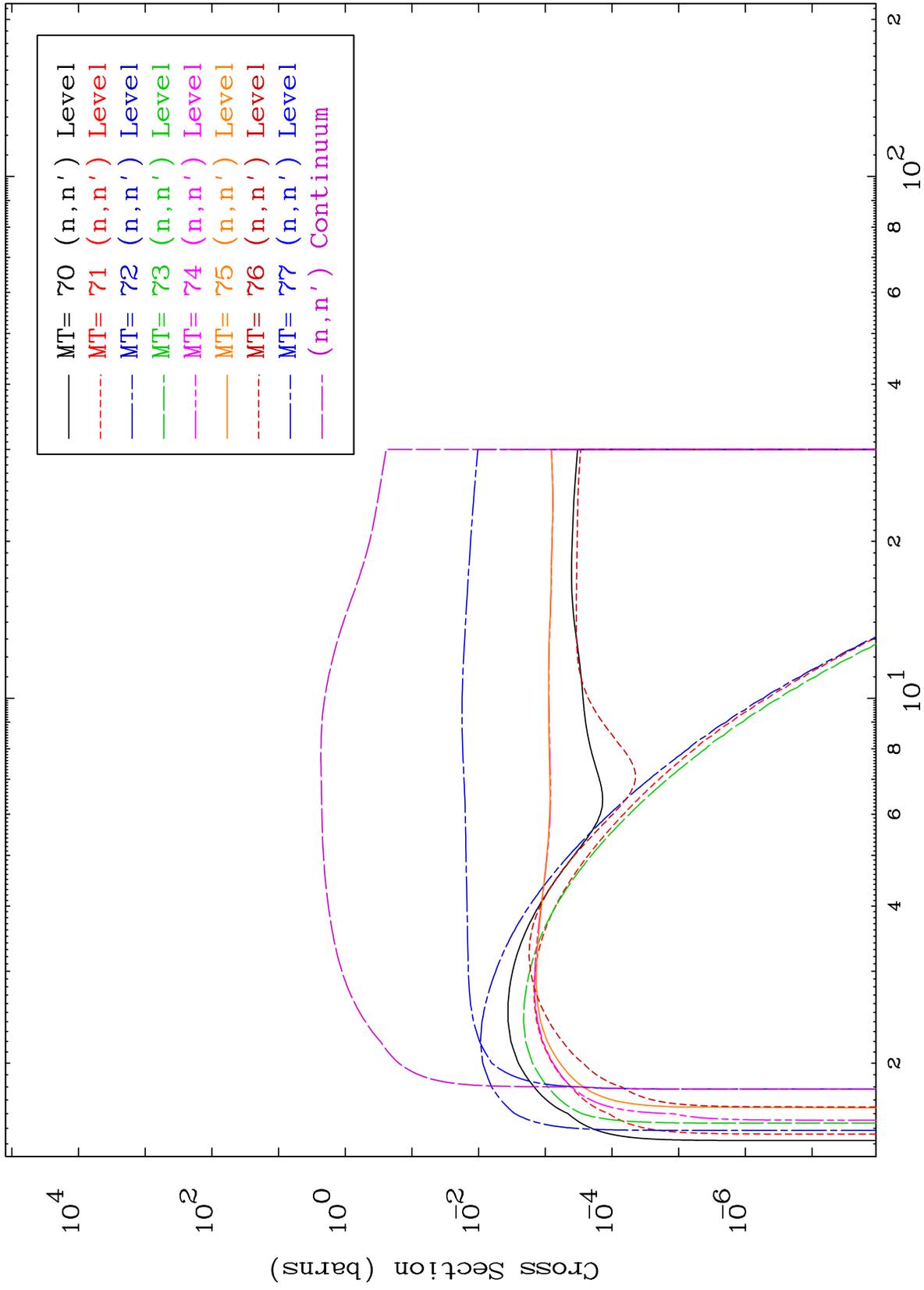
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MAT 8310

(n,n') Level
293 Kelvin Cross Sections

83-Bi-204



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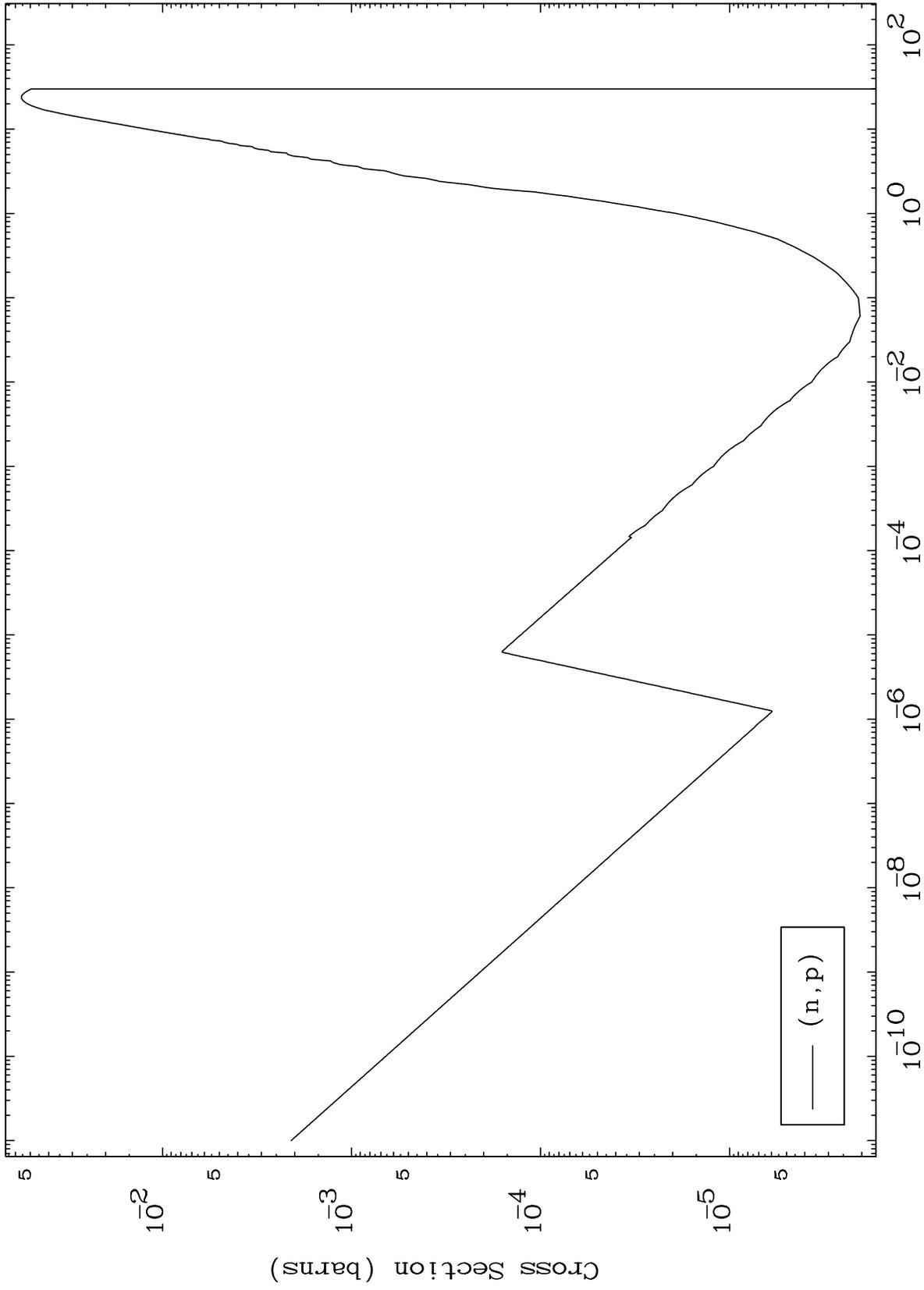
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MAT 8310

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-204



10

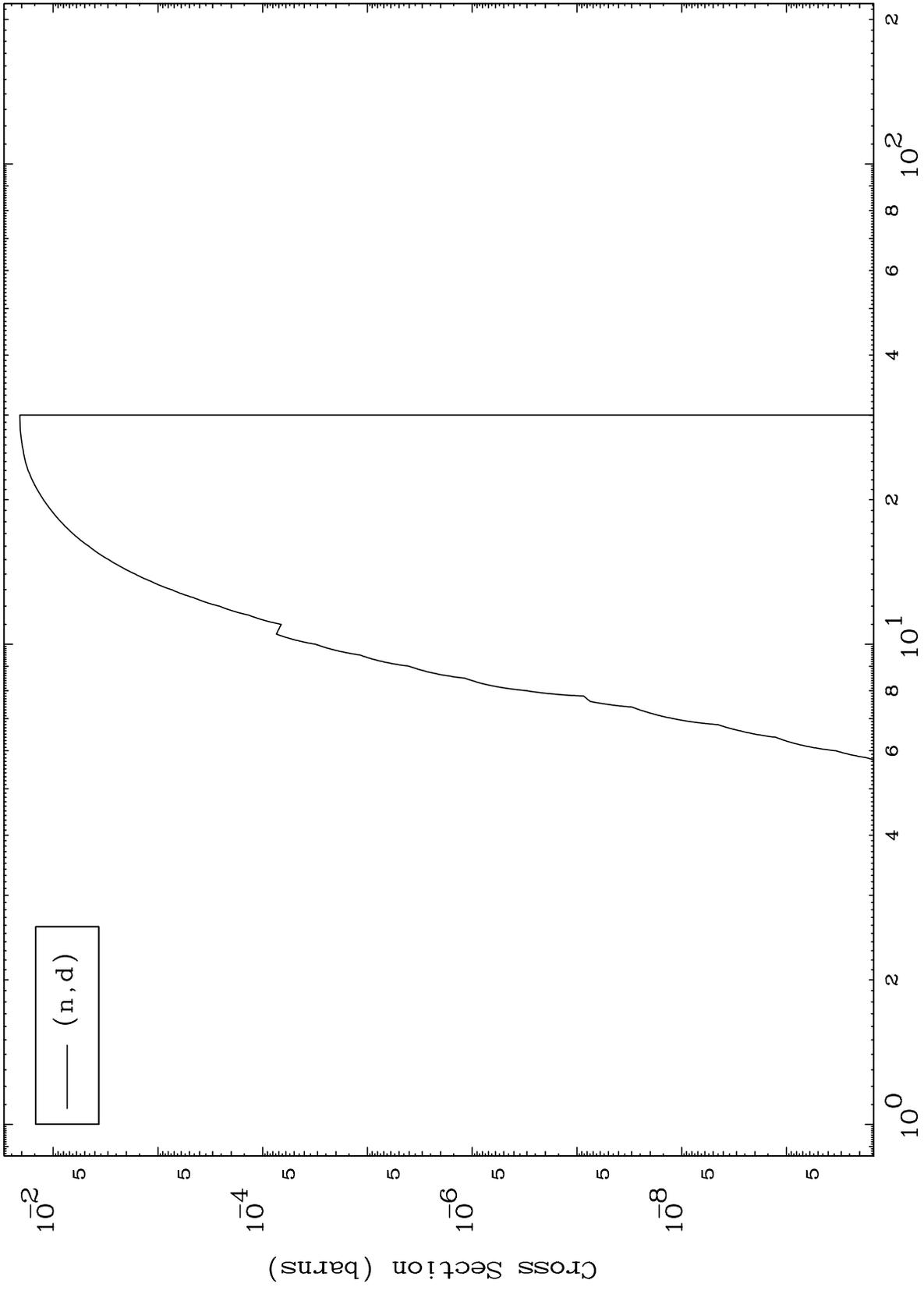
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MAT 8310

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-204



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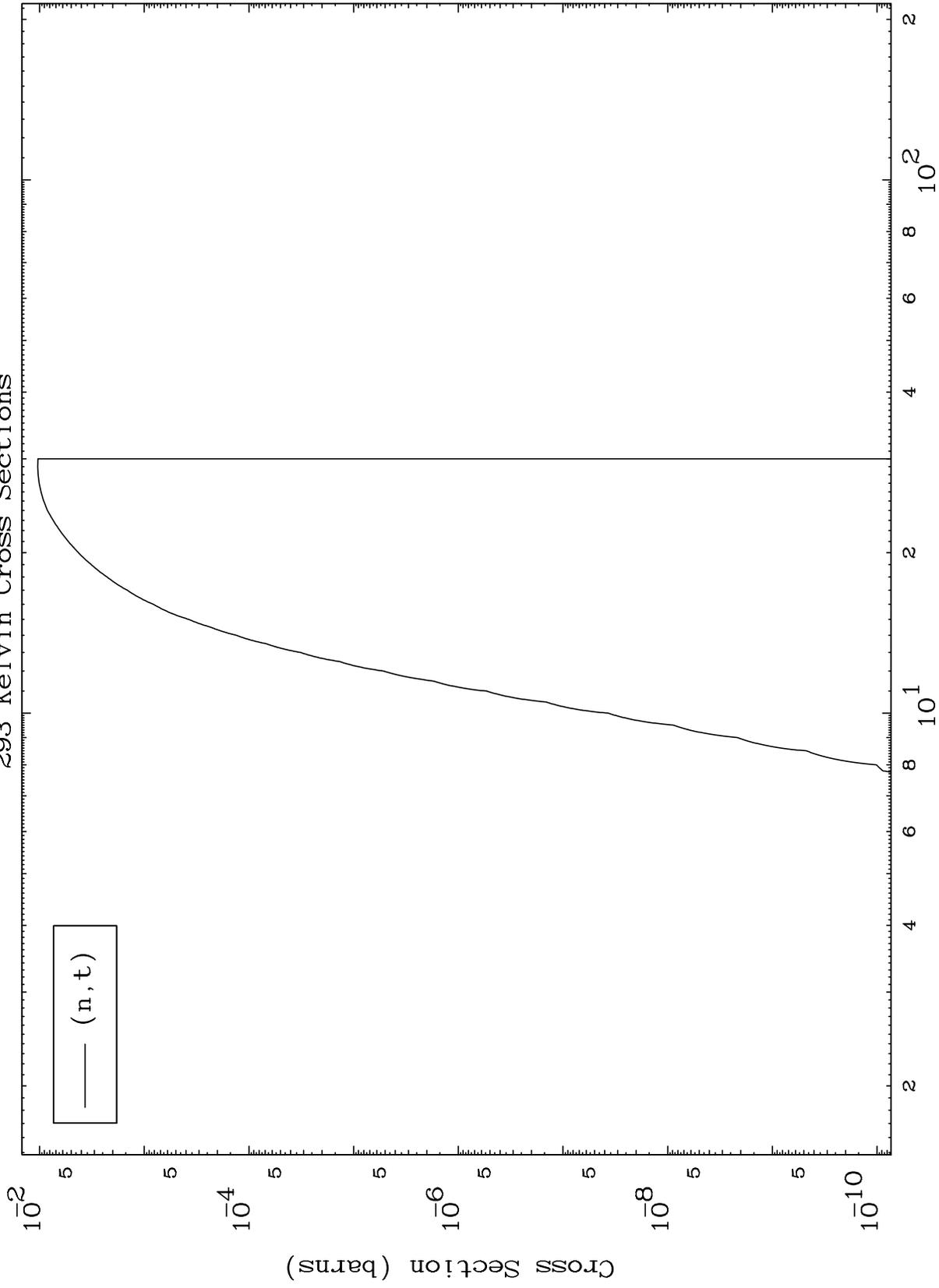
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MAT 8310

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-204



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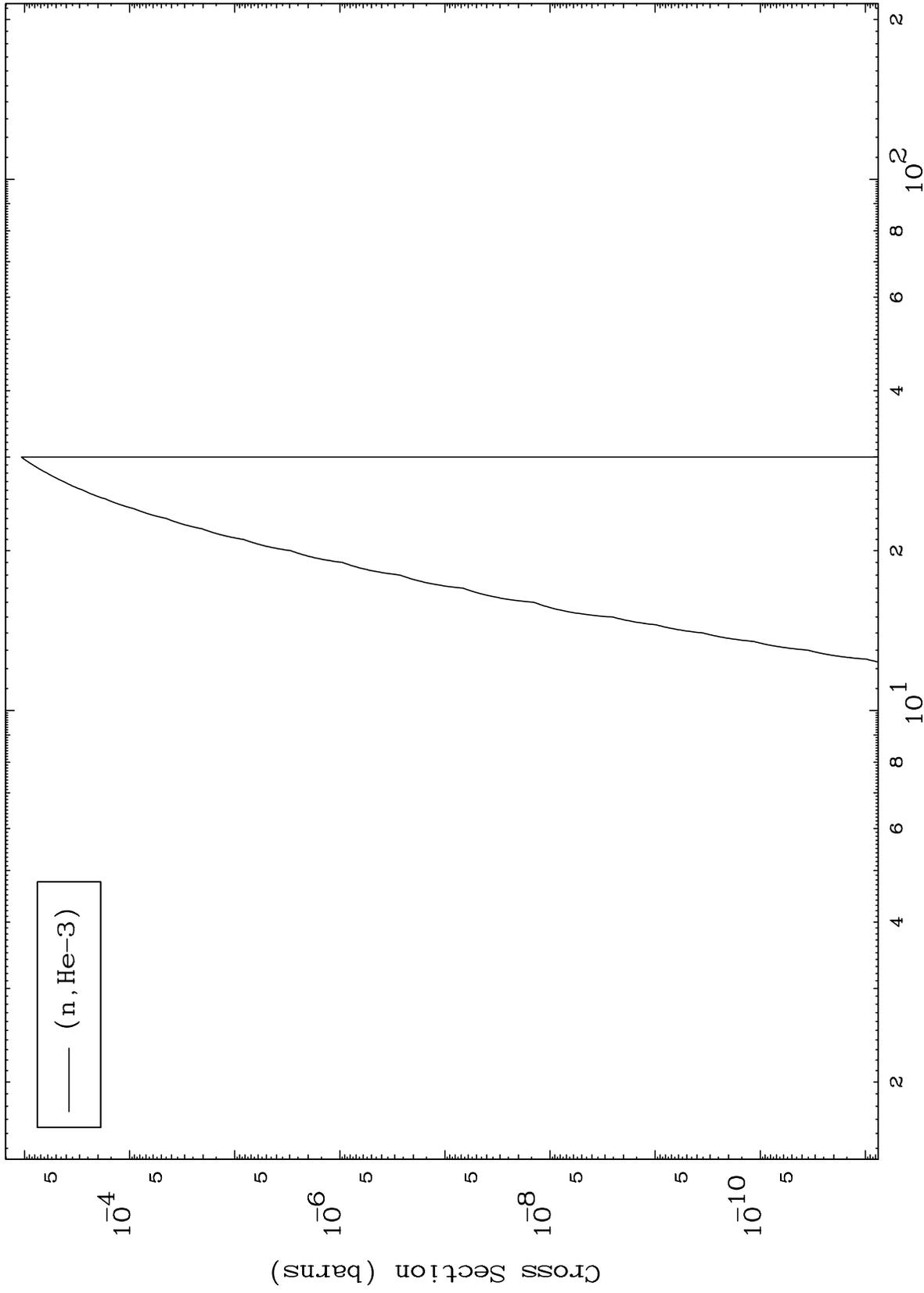
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83-Bi-204

MAT 8310

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-204



13

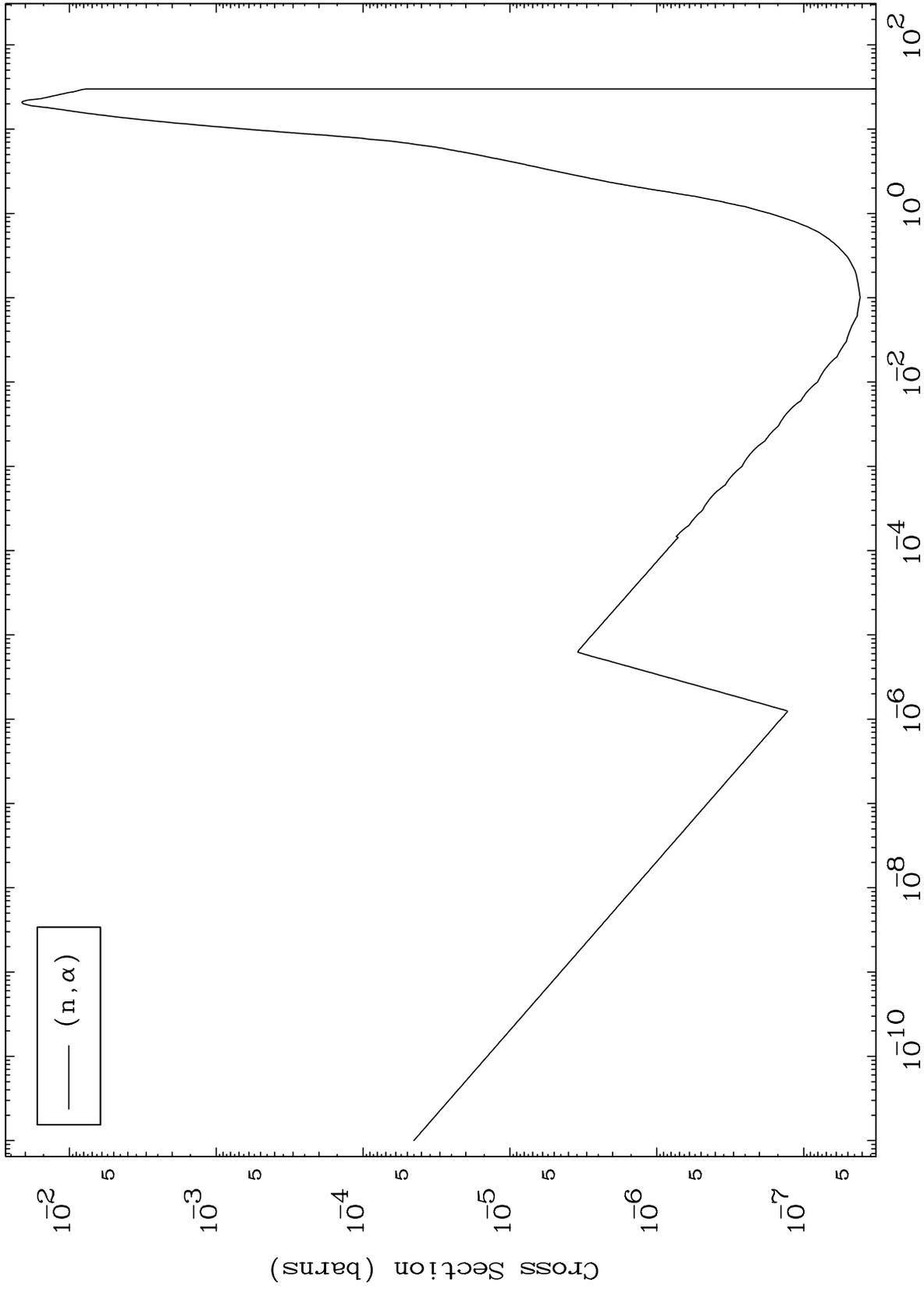
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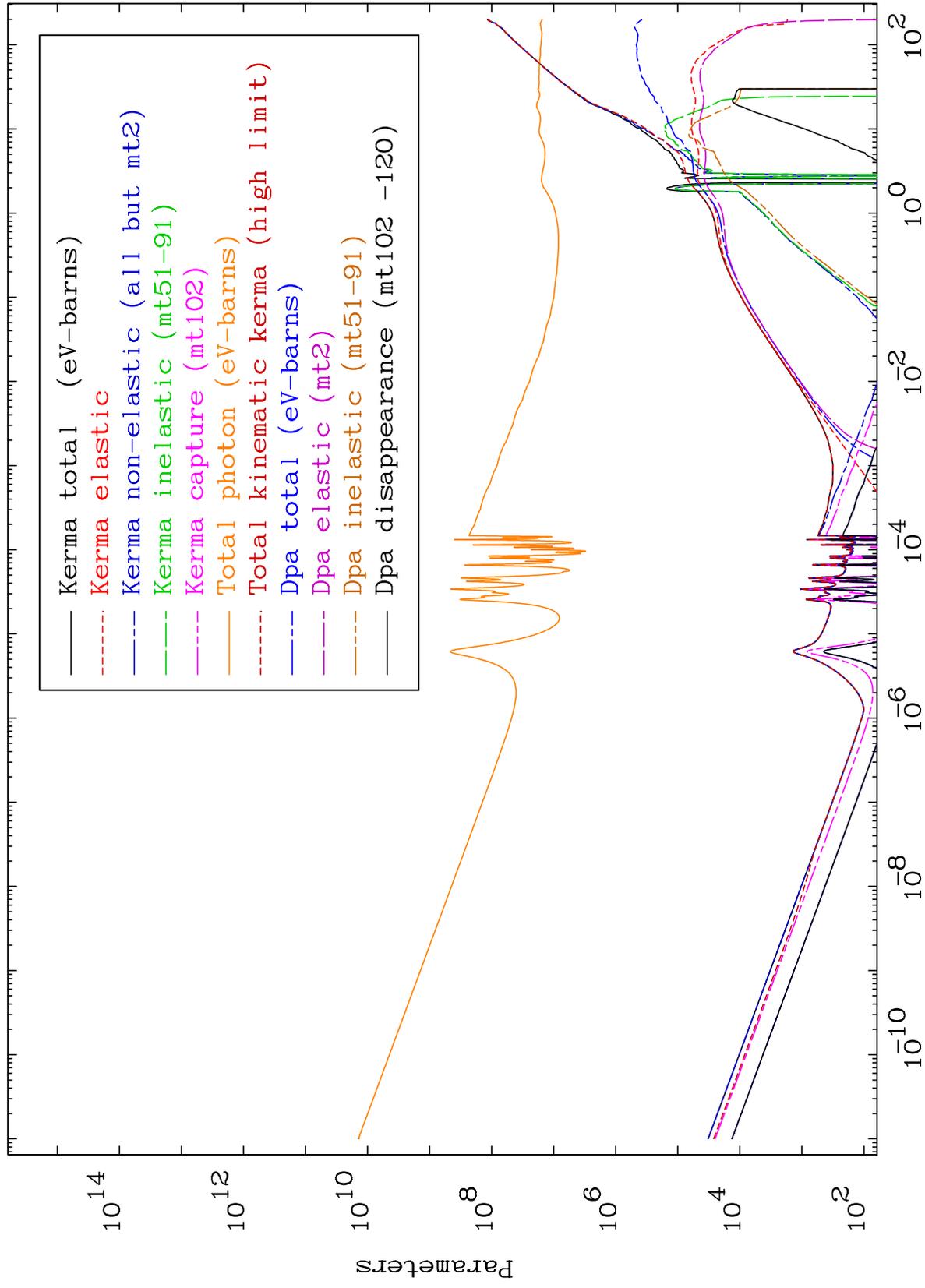
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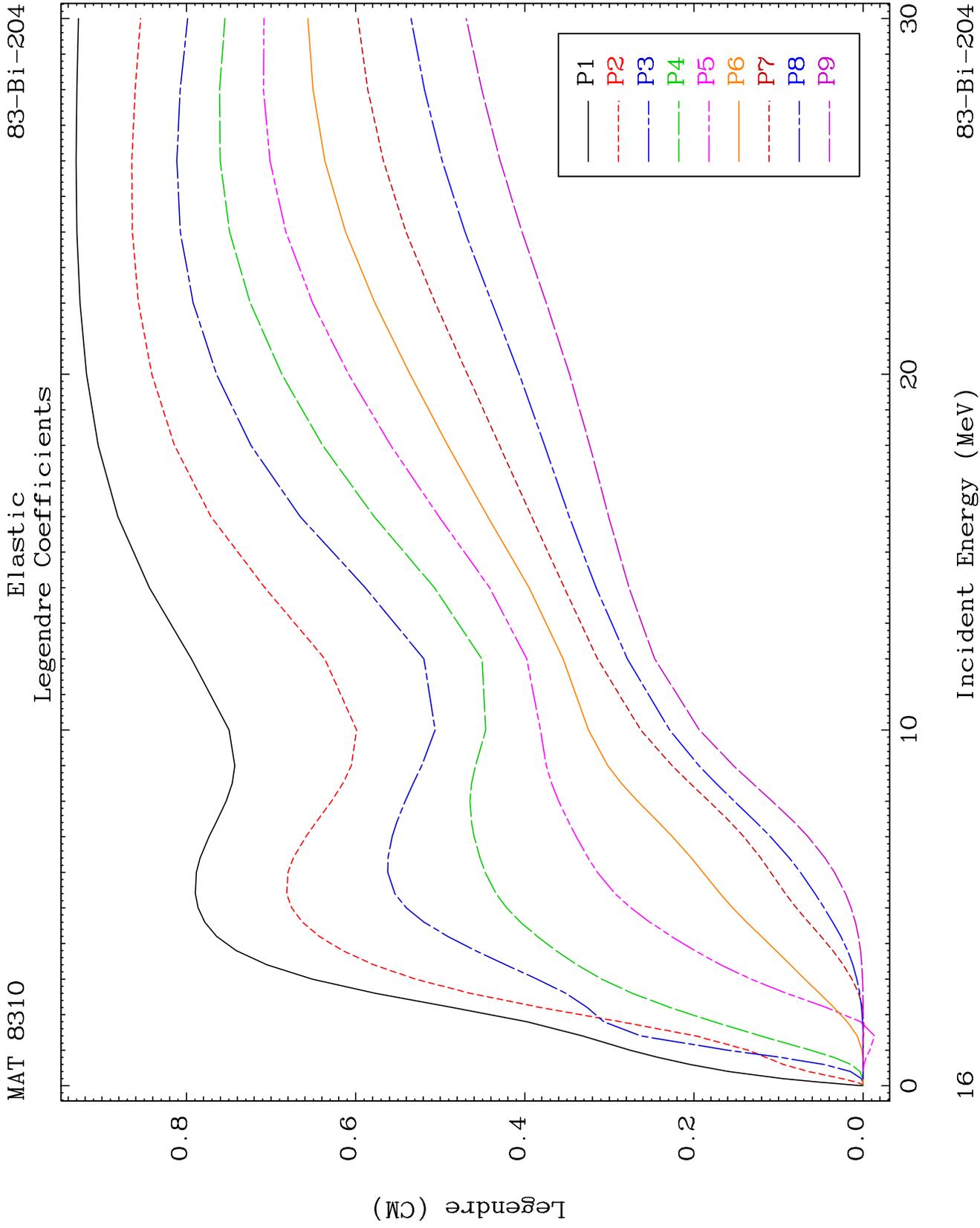
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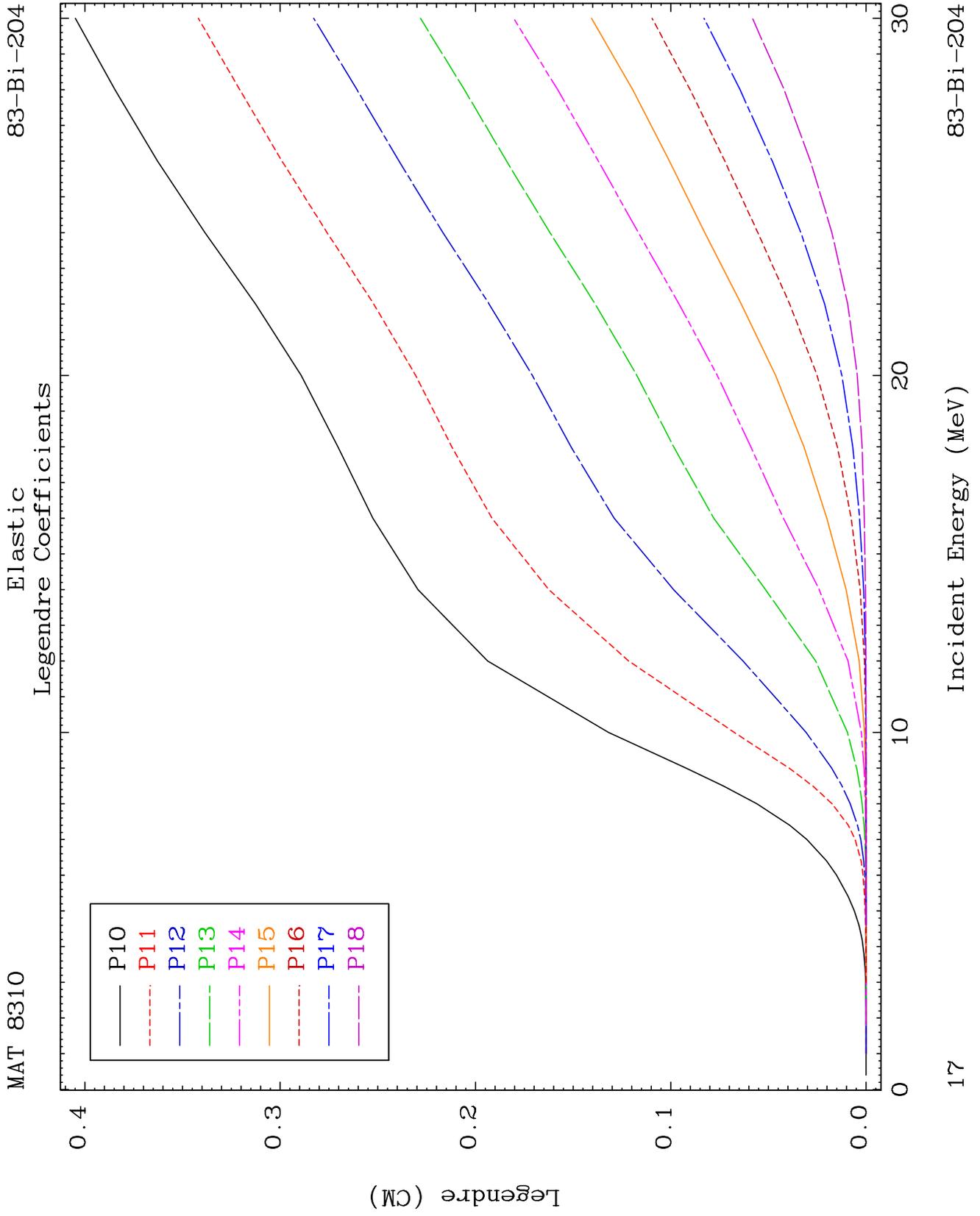
(n,α) Levels
293 Kelvin Cross Sections

83-Bi-204





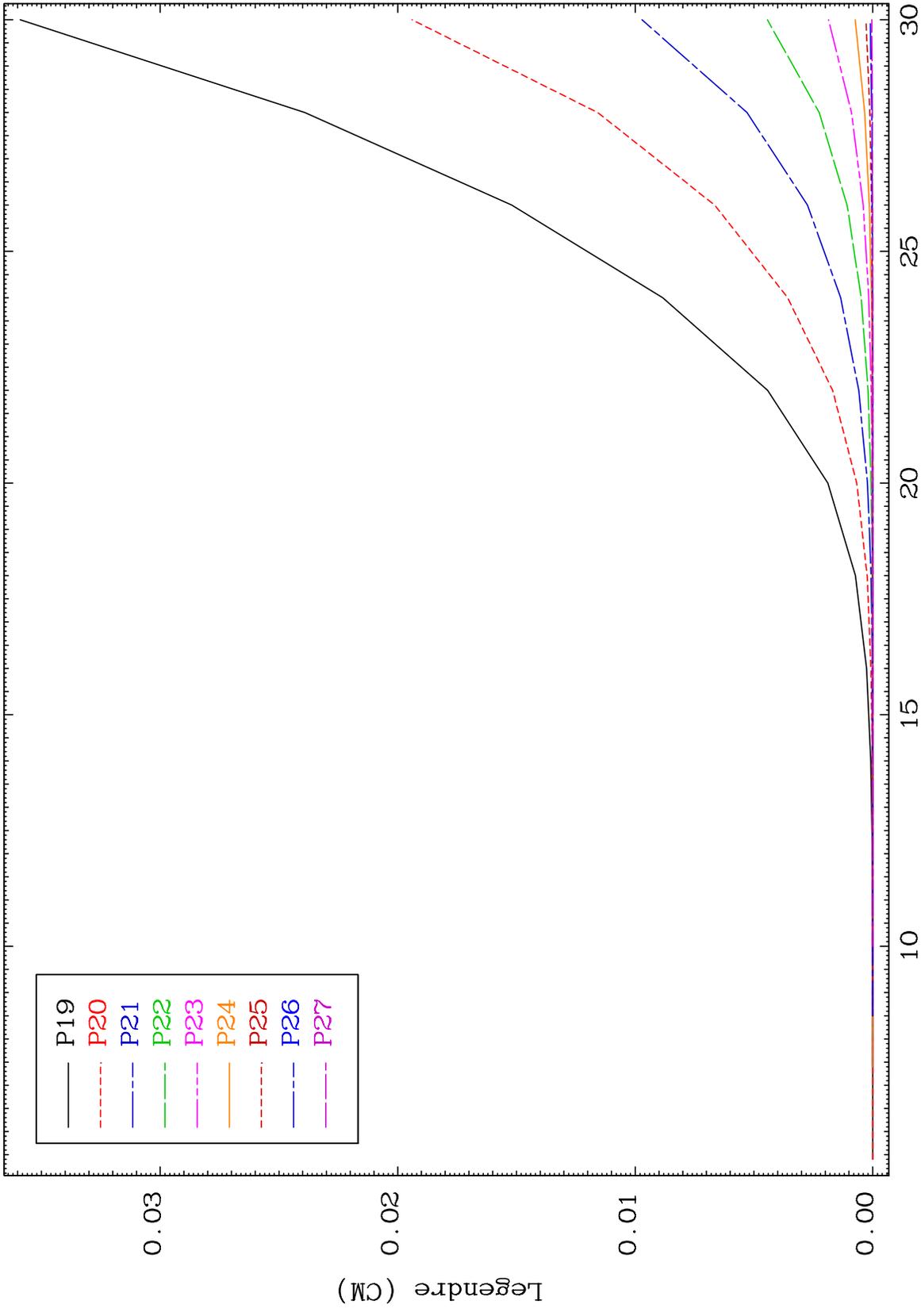




MAT 8310

Elastic Legendre Coefficients

83-Bi-204



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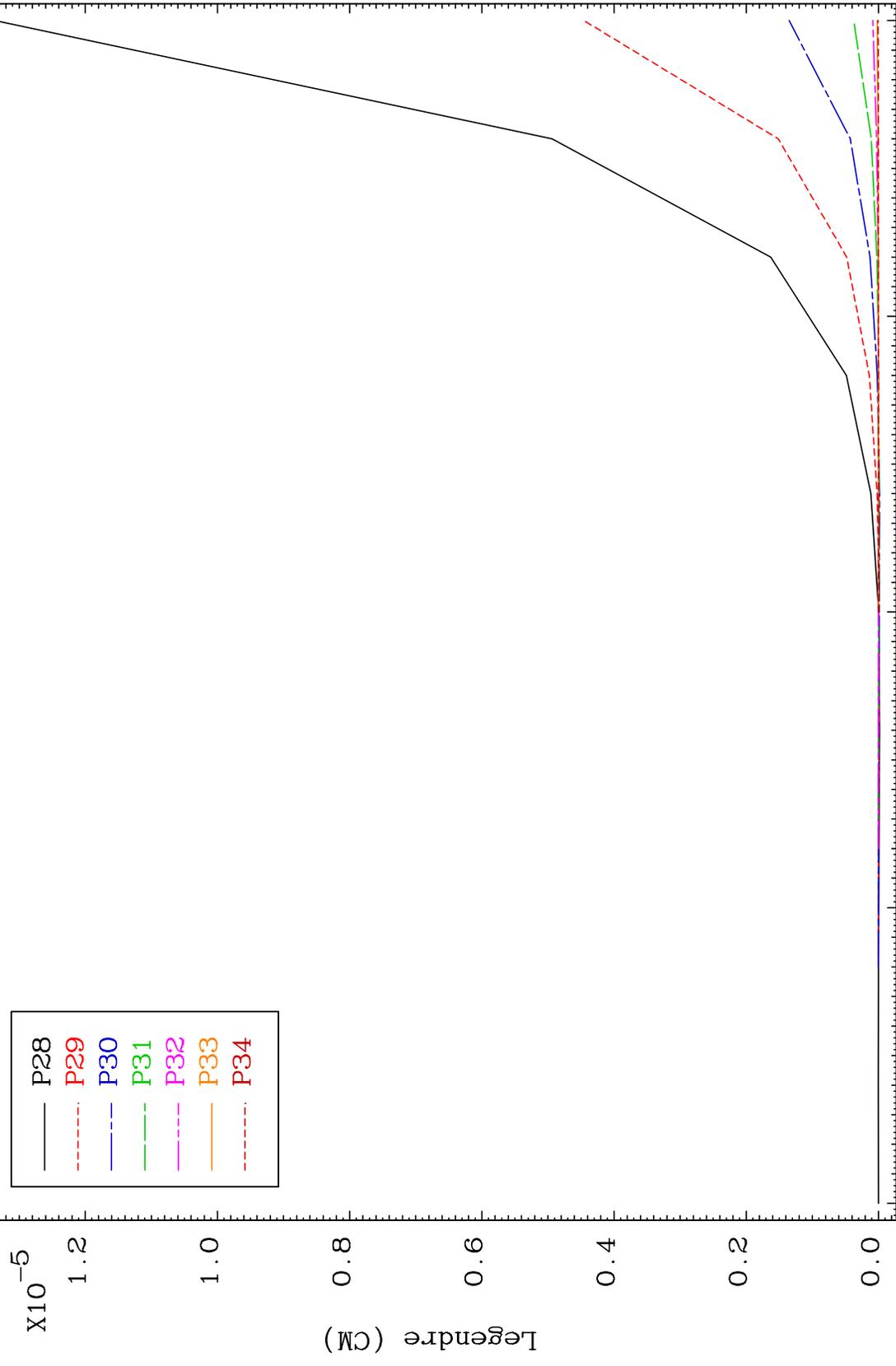
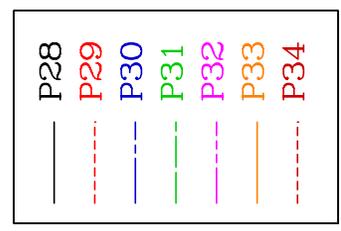
Incident Energy (MeV)

83-Bi-204

MAT 8310

Elastic Legendre Coefficients

83-Bi-204

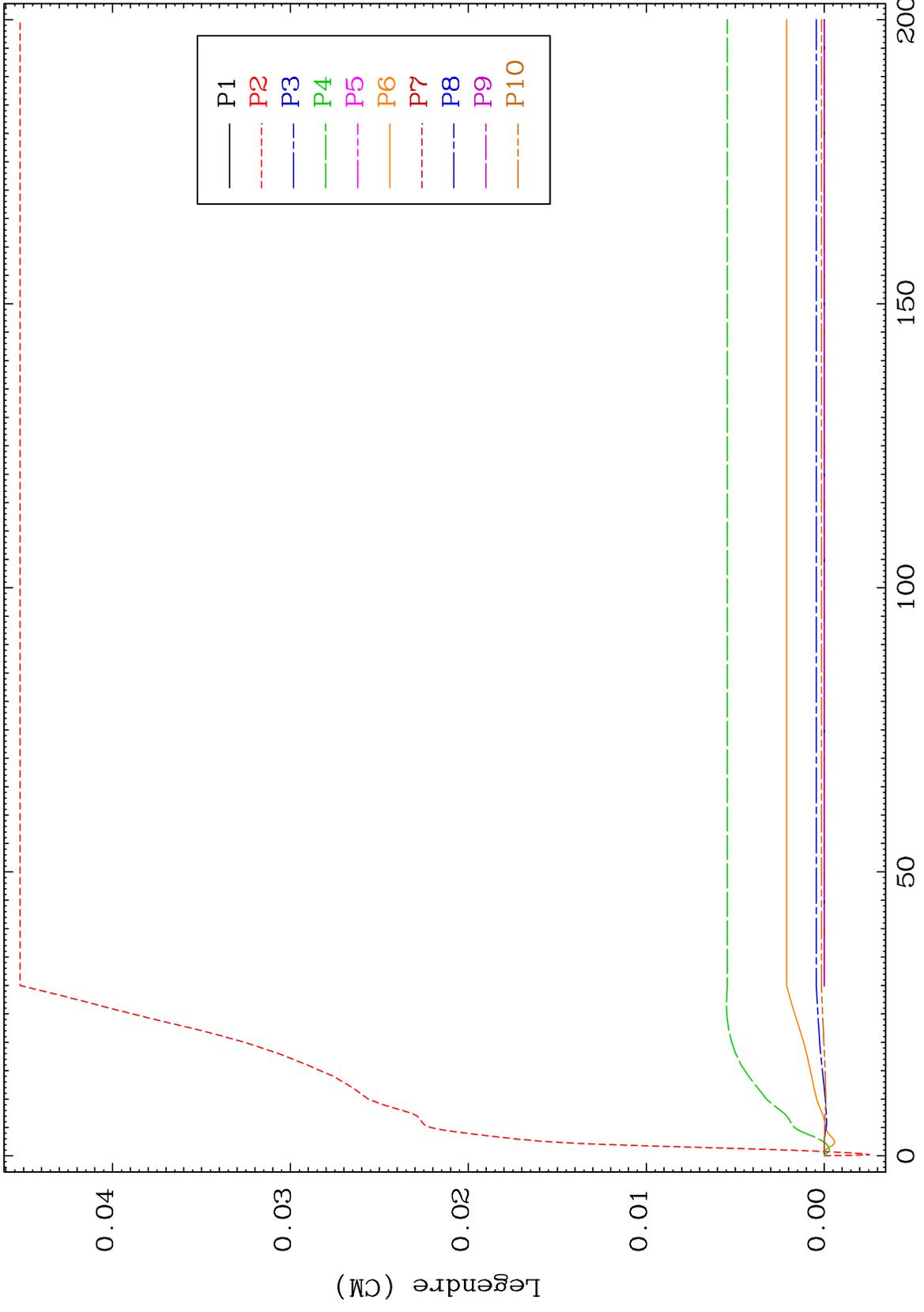


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Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 51 (n,n') Level Legendre Coefficients 83-Bi-204

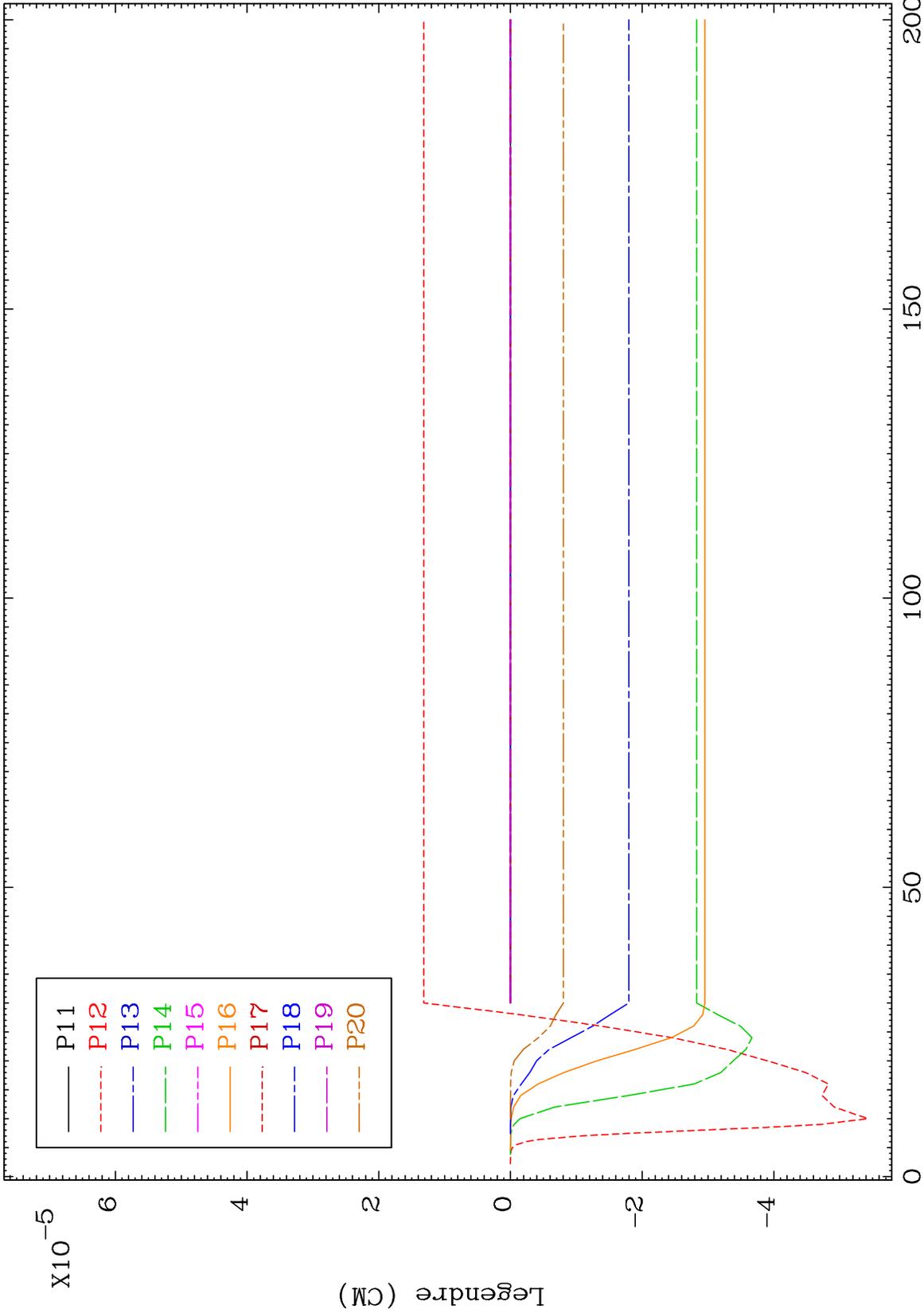


83-Bi-204

MAT 8310

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

83-Bi-204



21

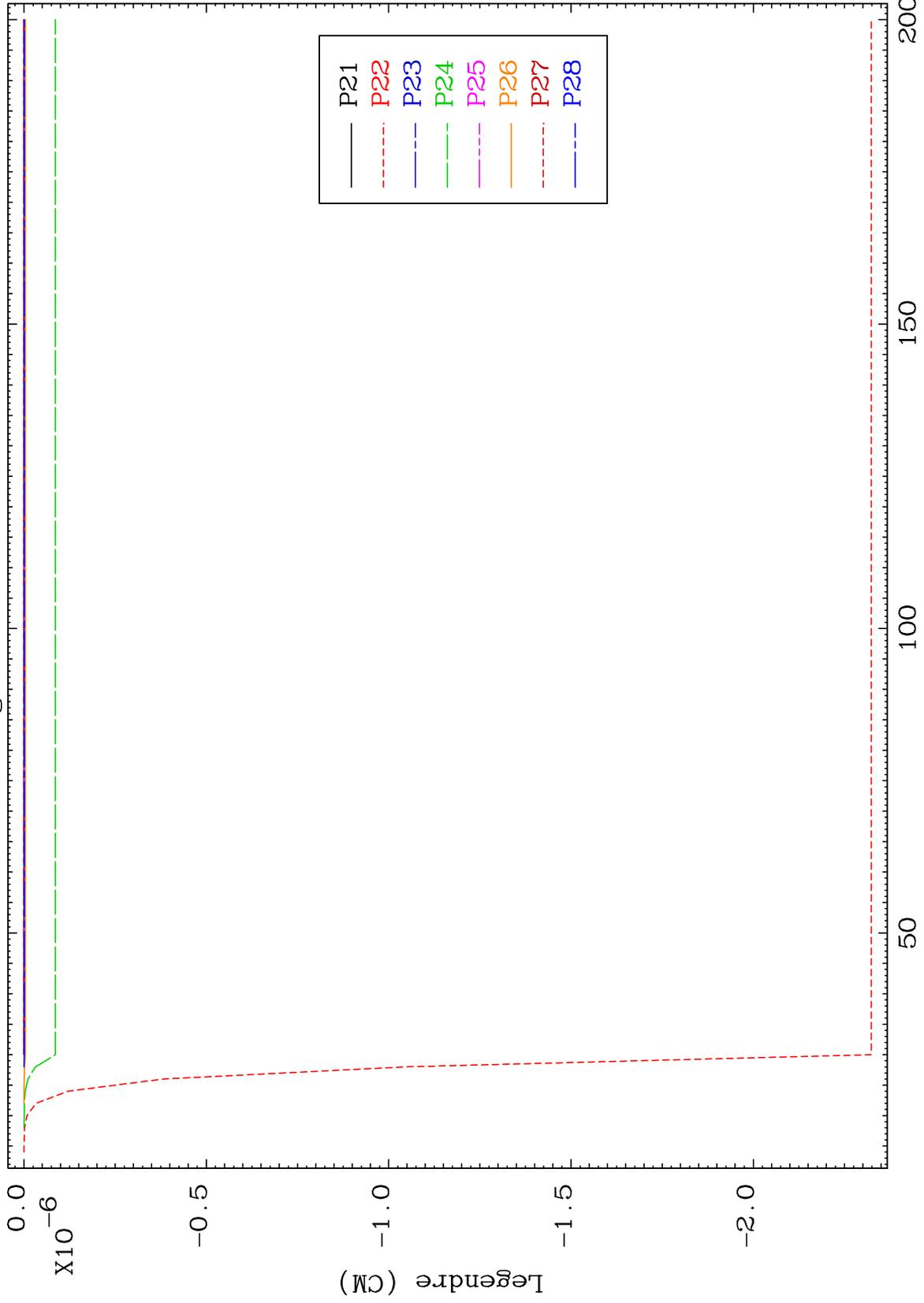
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



83-Bi-204

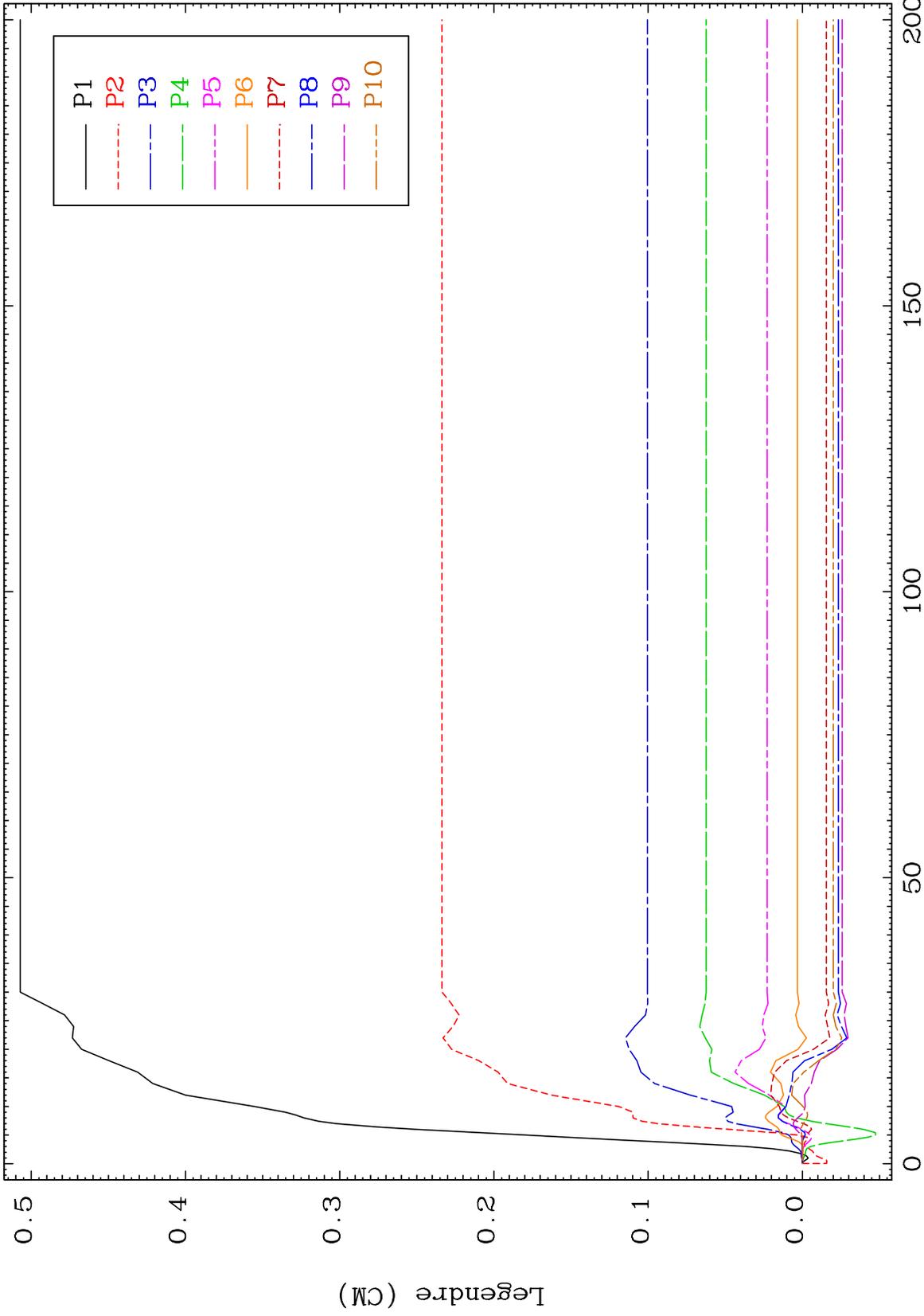
Incident Energy (MeV)

22

MAT 8310

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

83-Bi-204

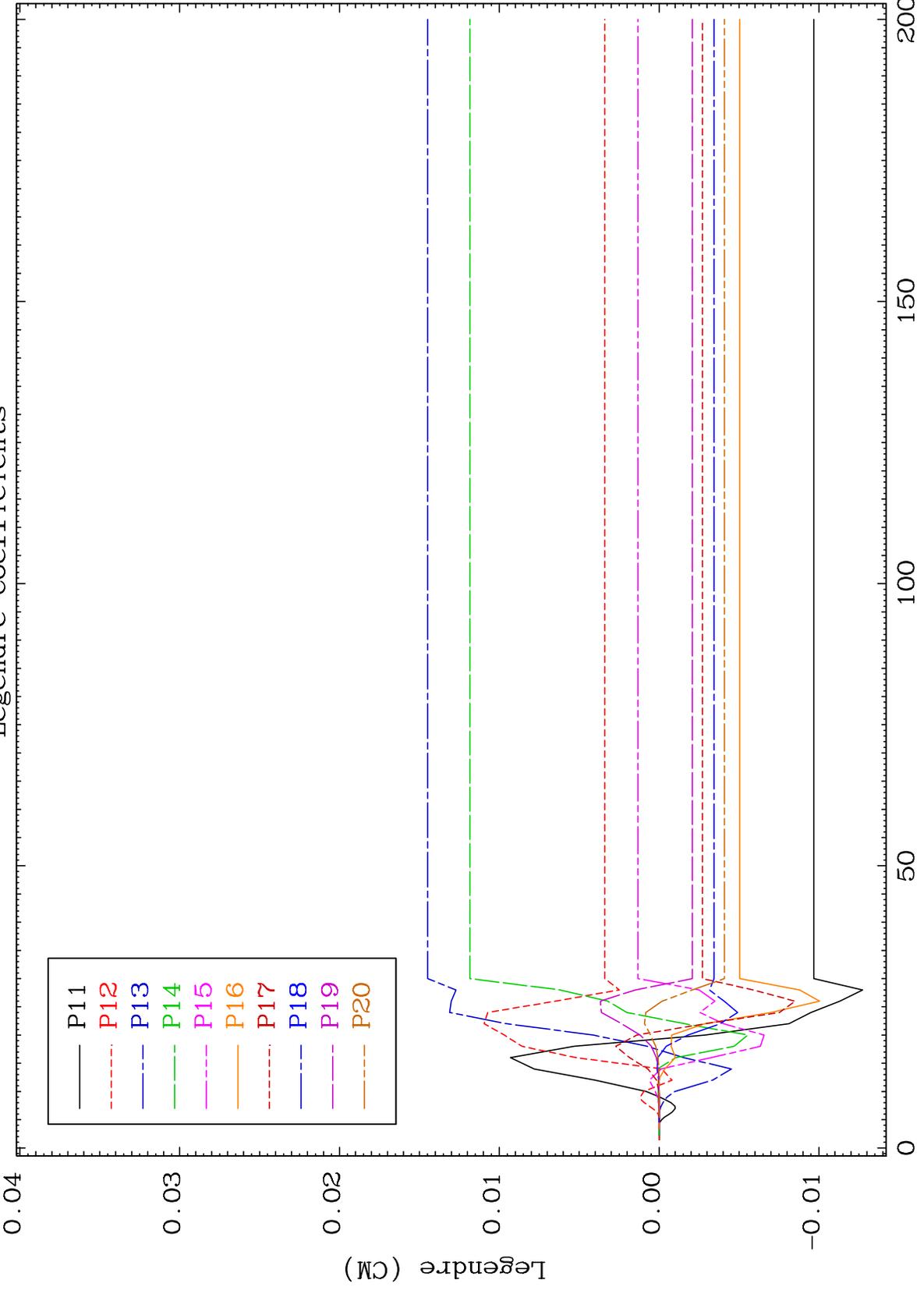


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Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 52 (n,n') Level Legendre Coefficients 83-Bi-204

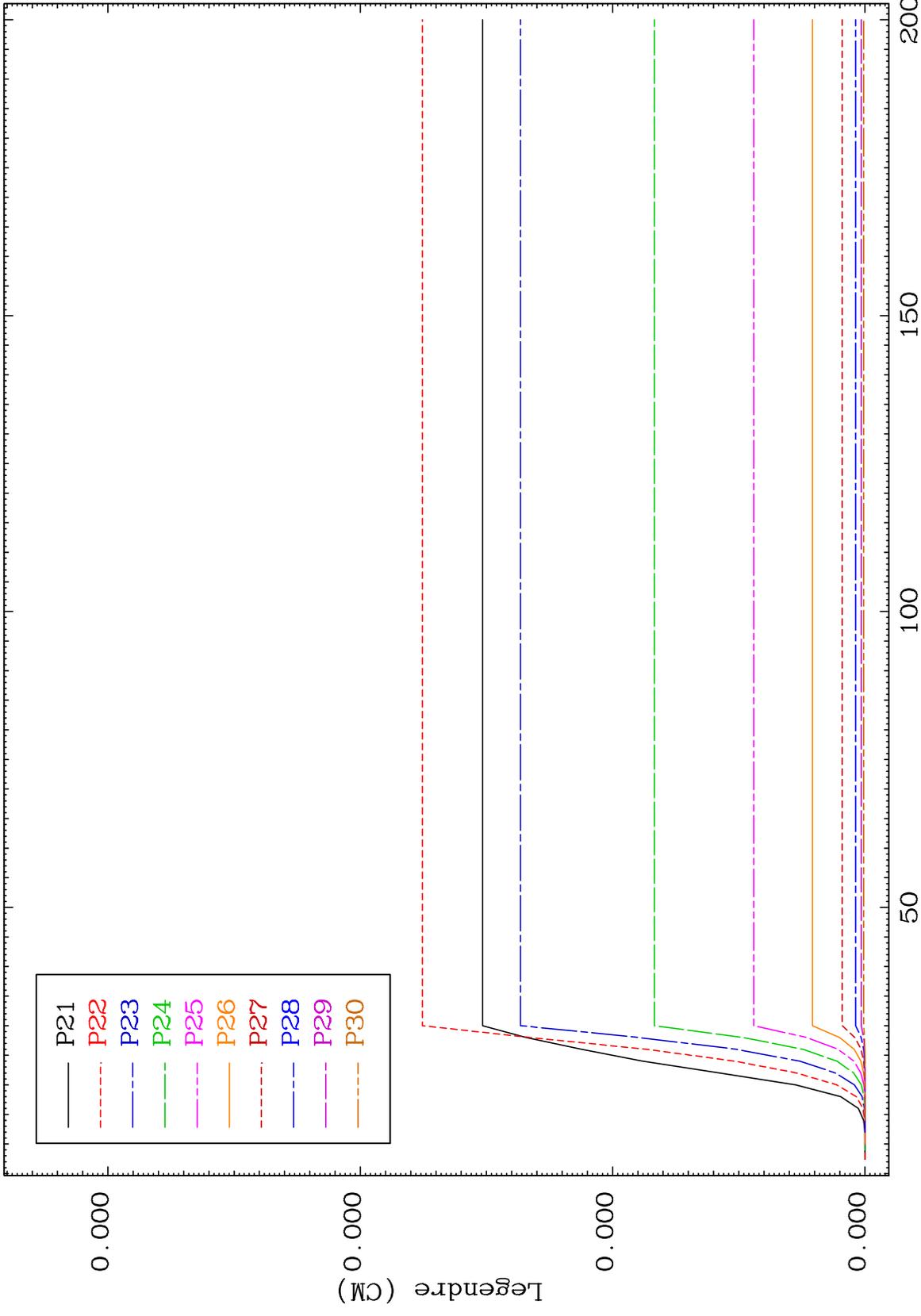


24 83-Bi-204

MAT 8310

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

83-Bi-204



25

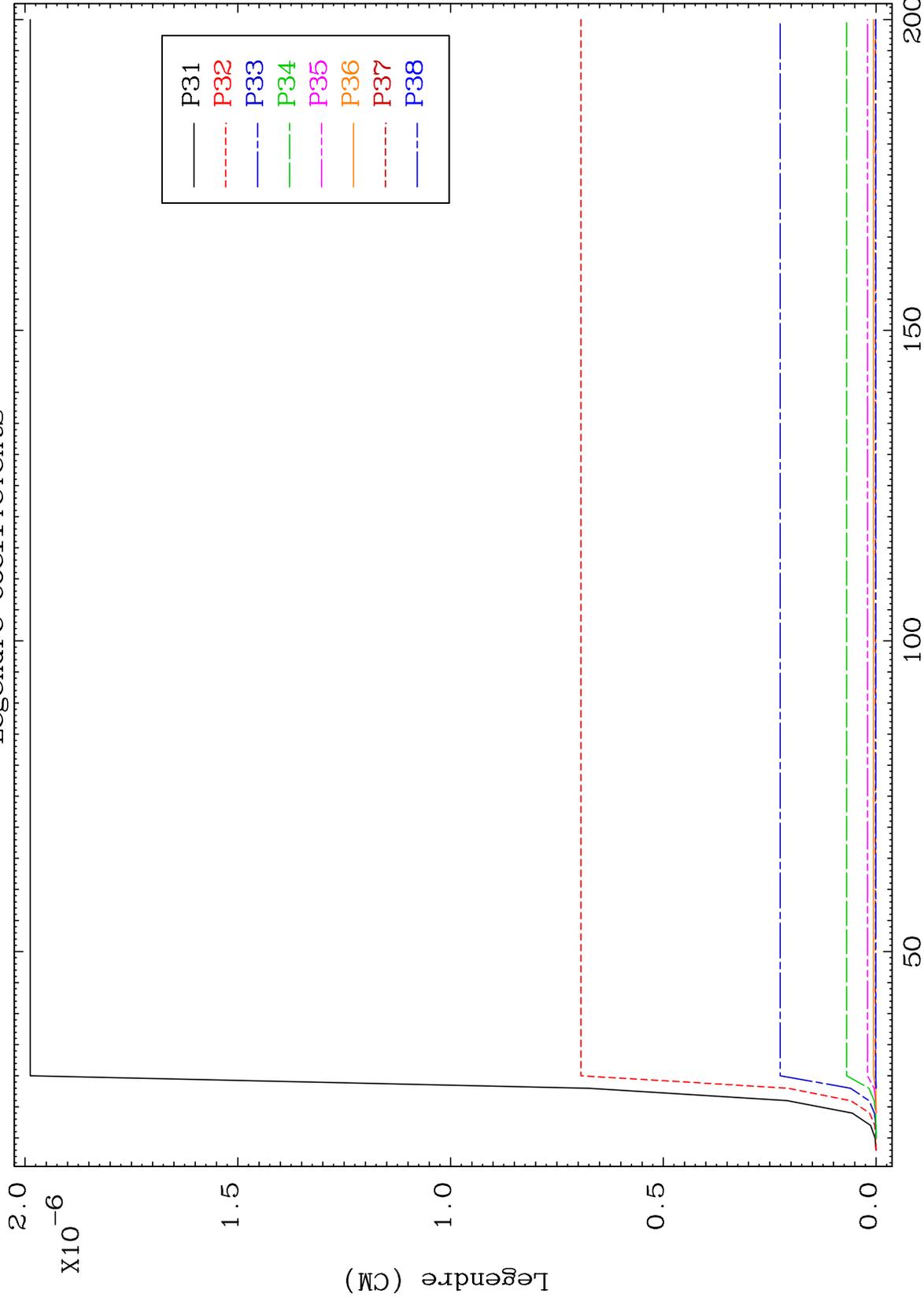
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



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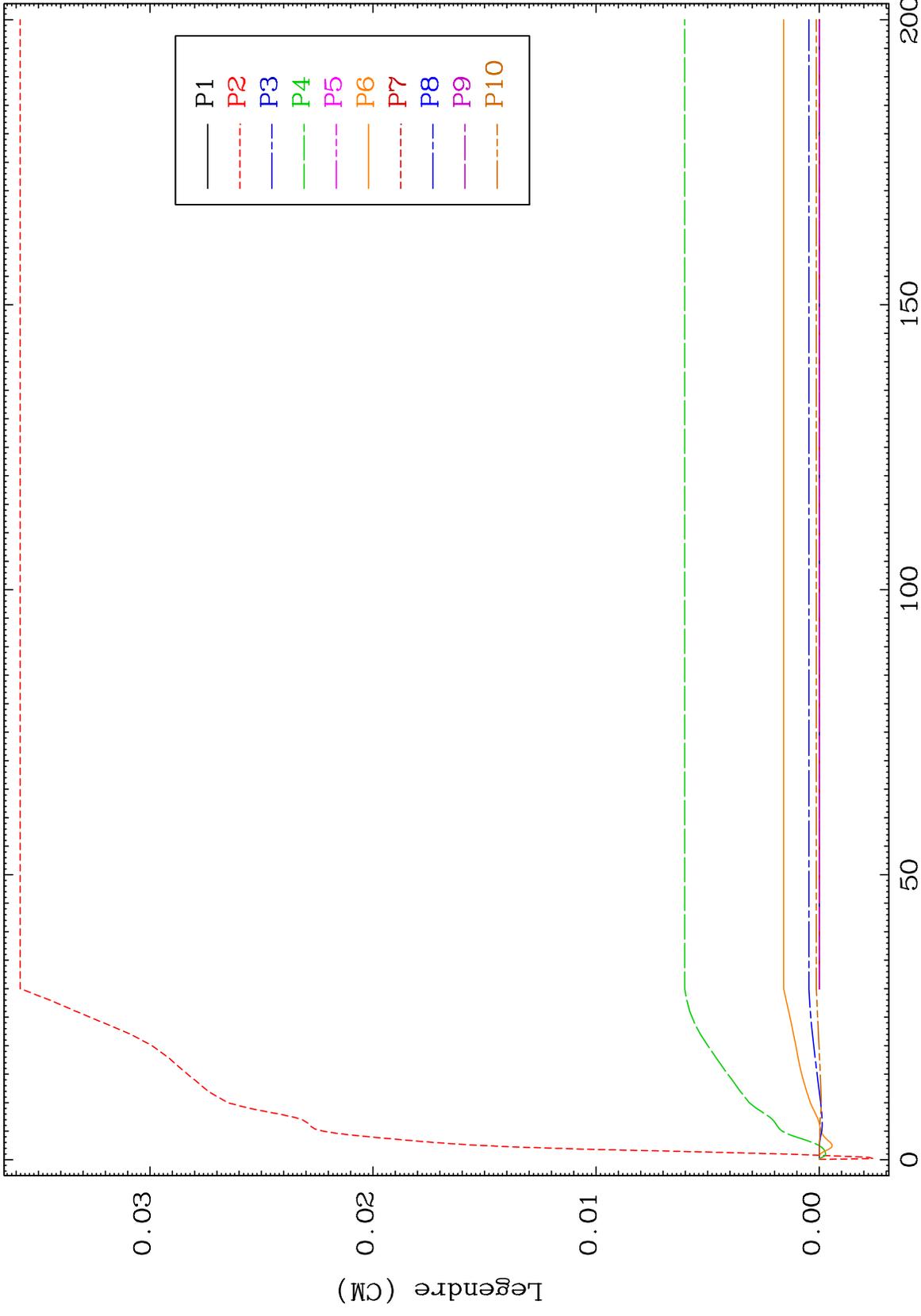
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



27

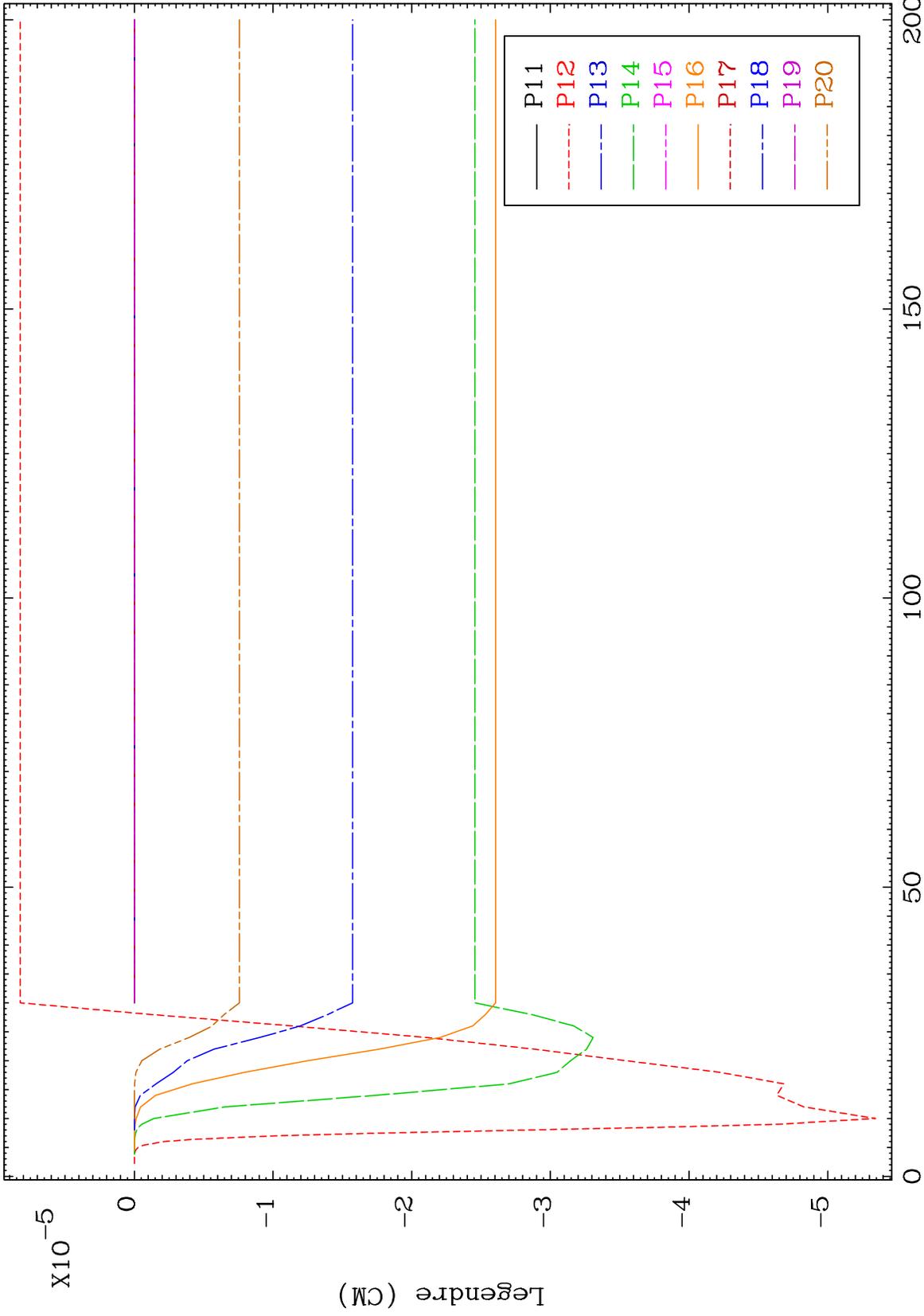
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



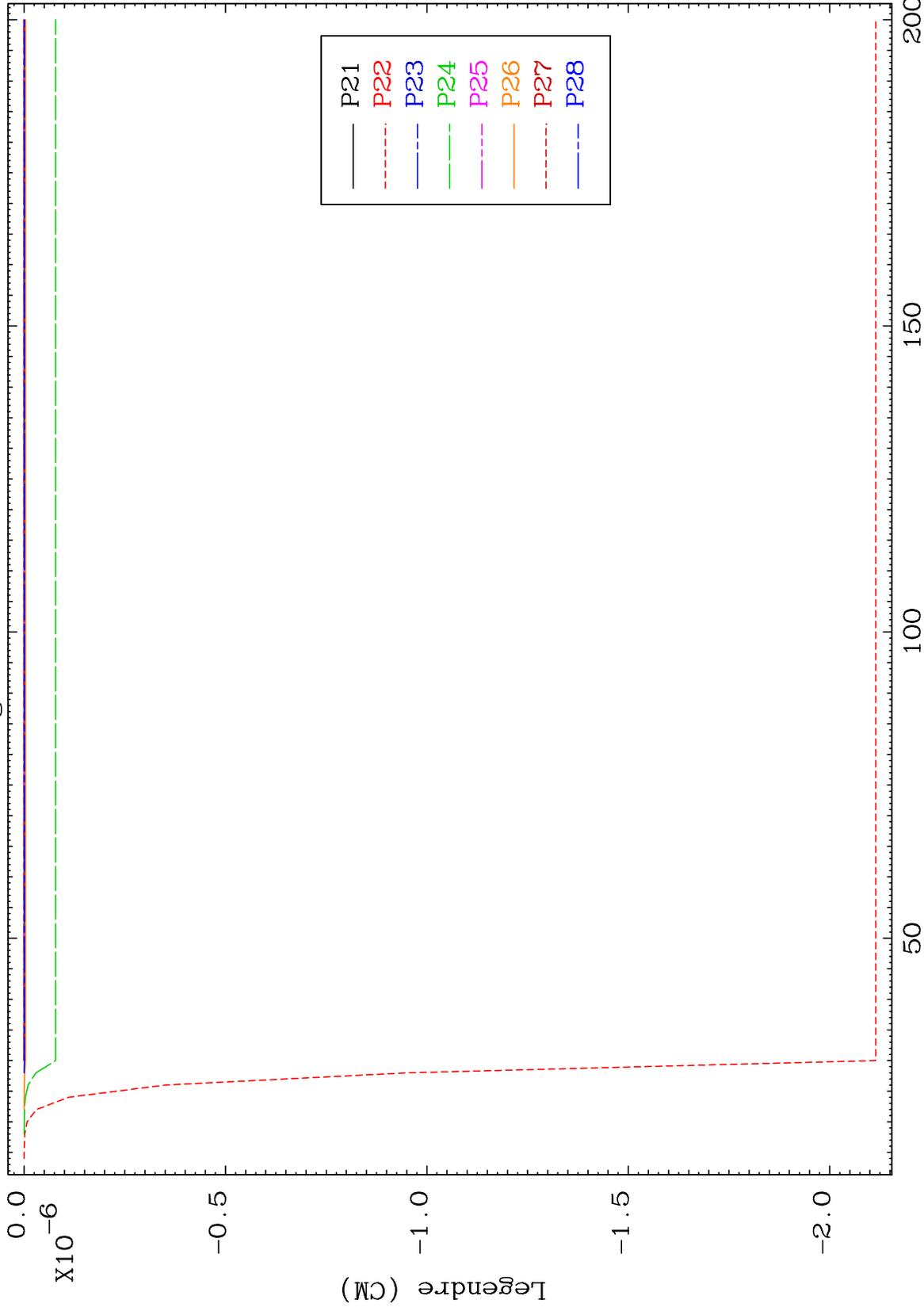
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MAT 8310

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

83-Bi-204



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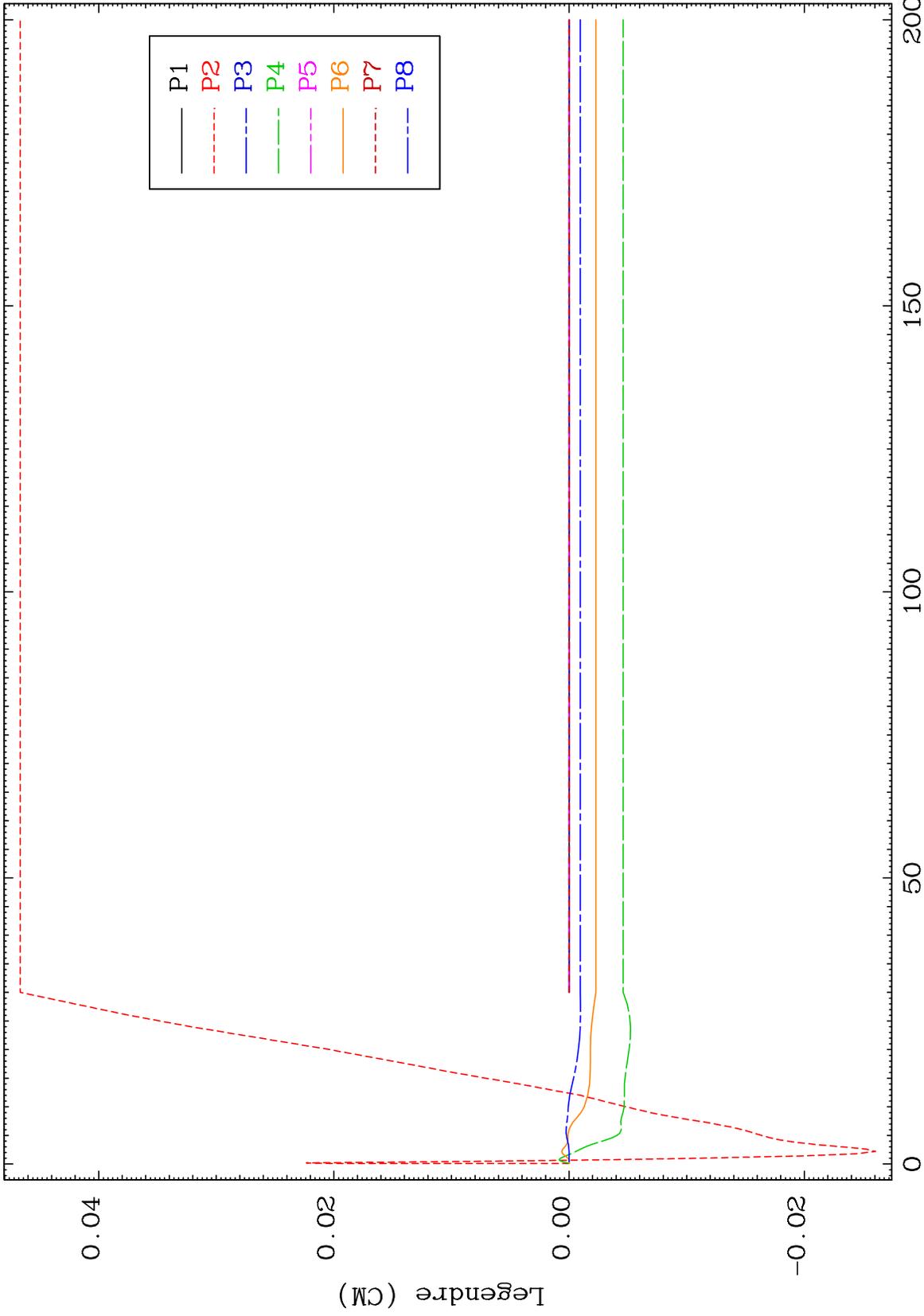
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



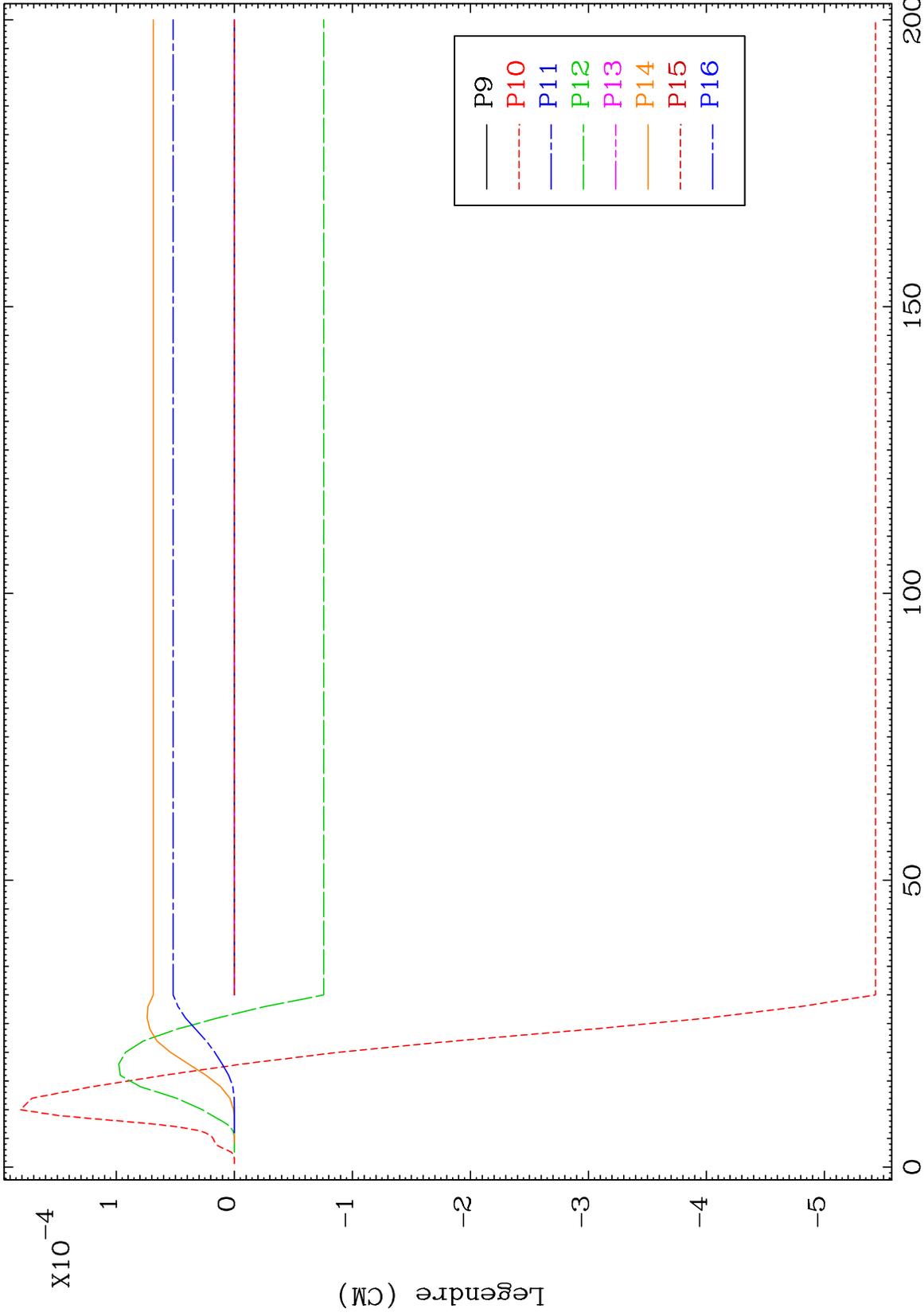
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Incident Energy (MeV)

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

83-Bi-204



31

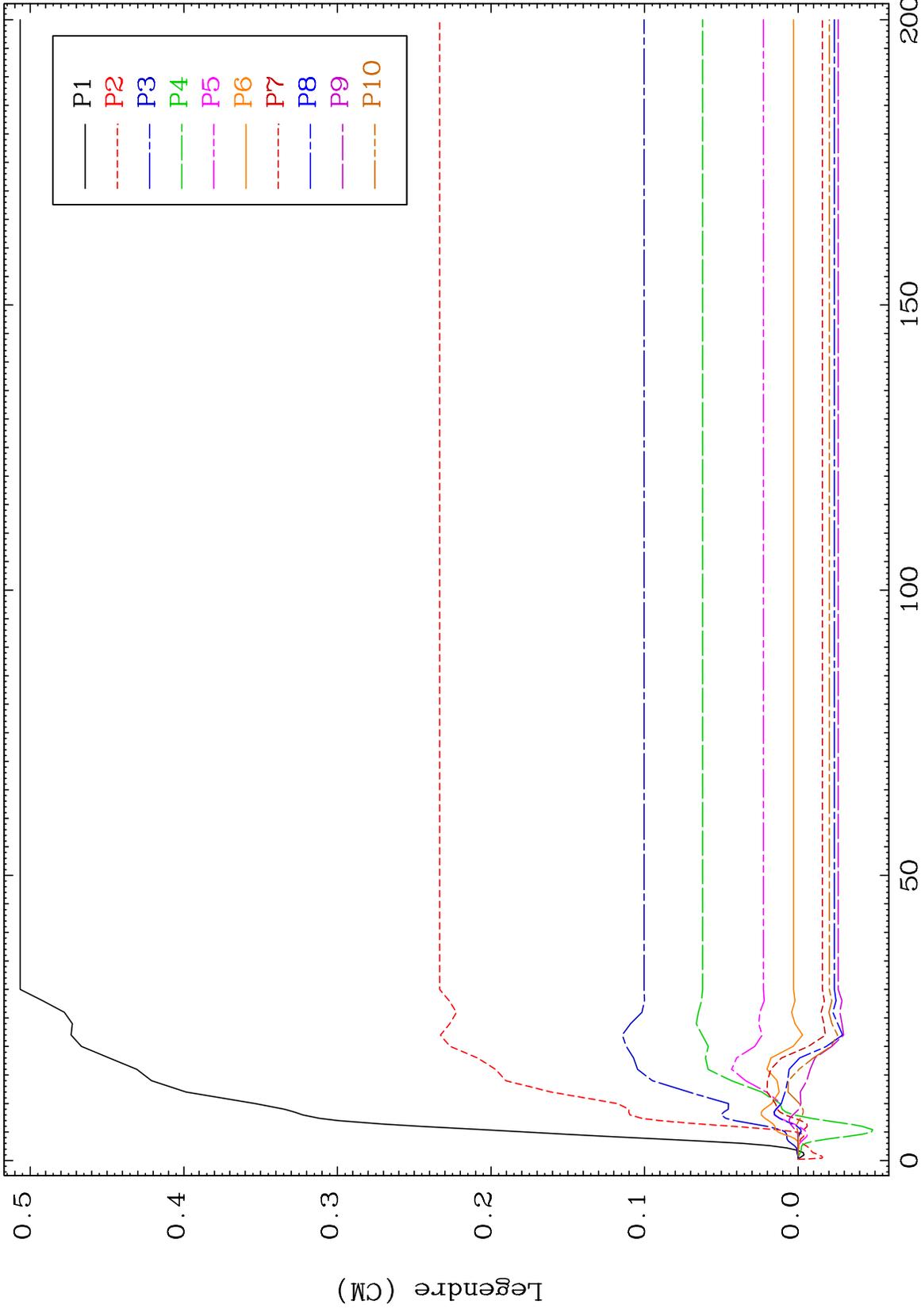
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

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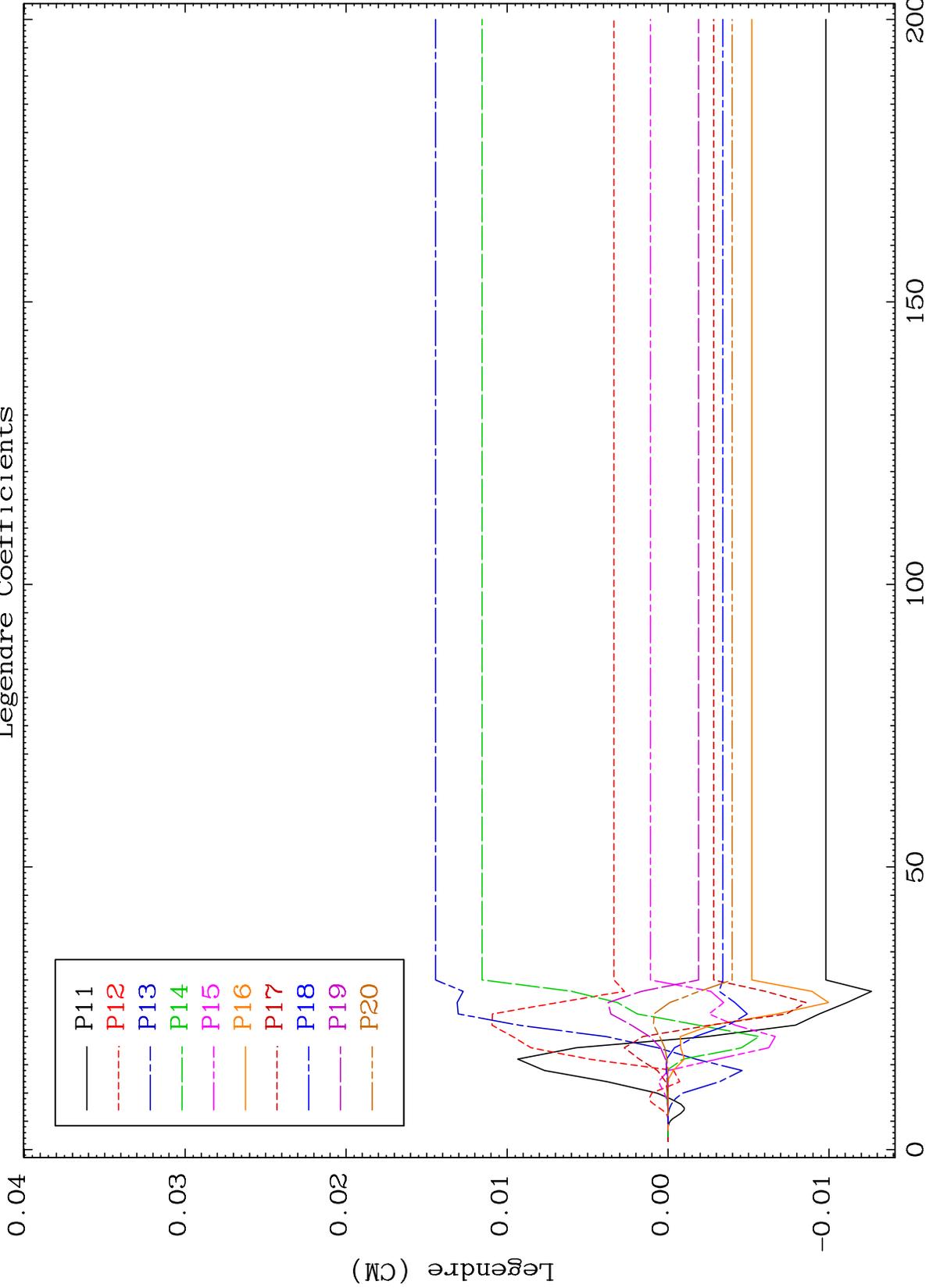


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Incident Energy (MeV)

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MAT 8310 MT= 55 (n,n') Level Legendre Coefficients 83-Bi-204



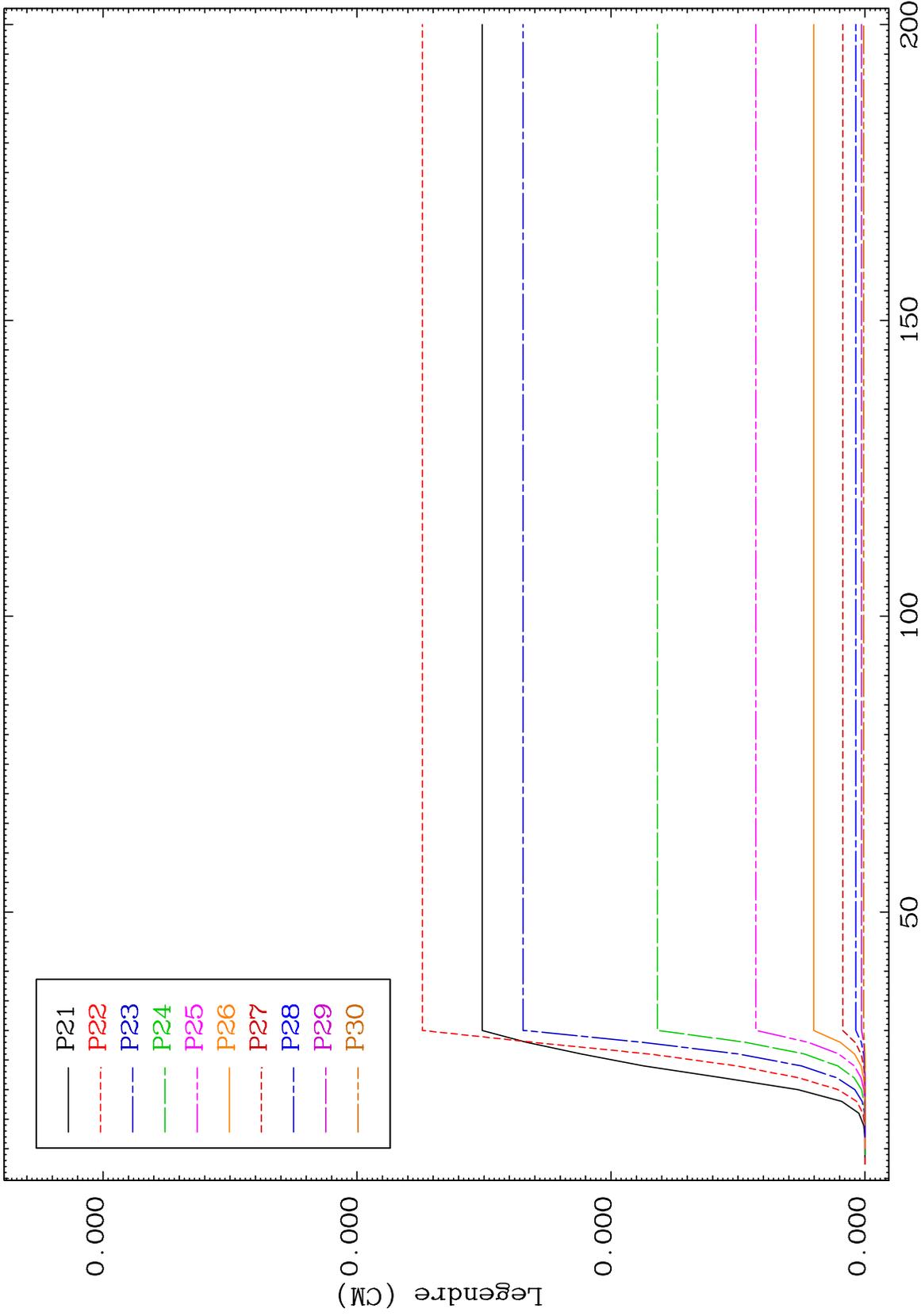
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Incident Energy (MeV)

MAT 8310

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

83-Bi-204



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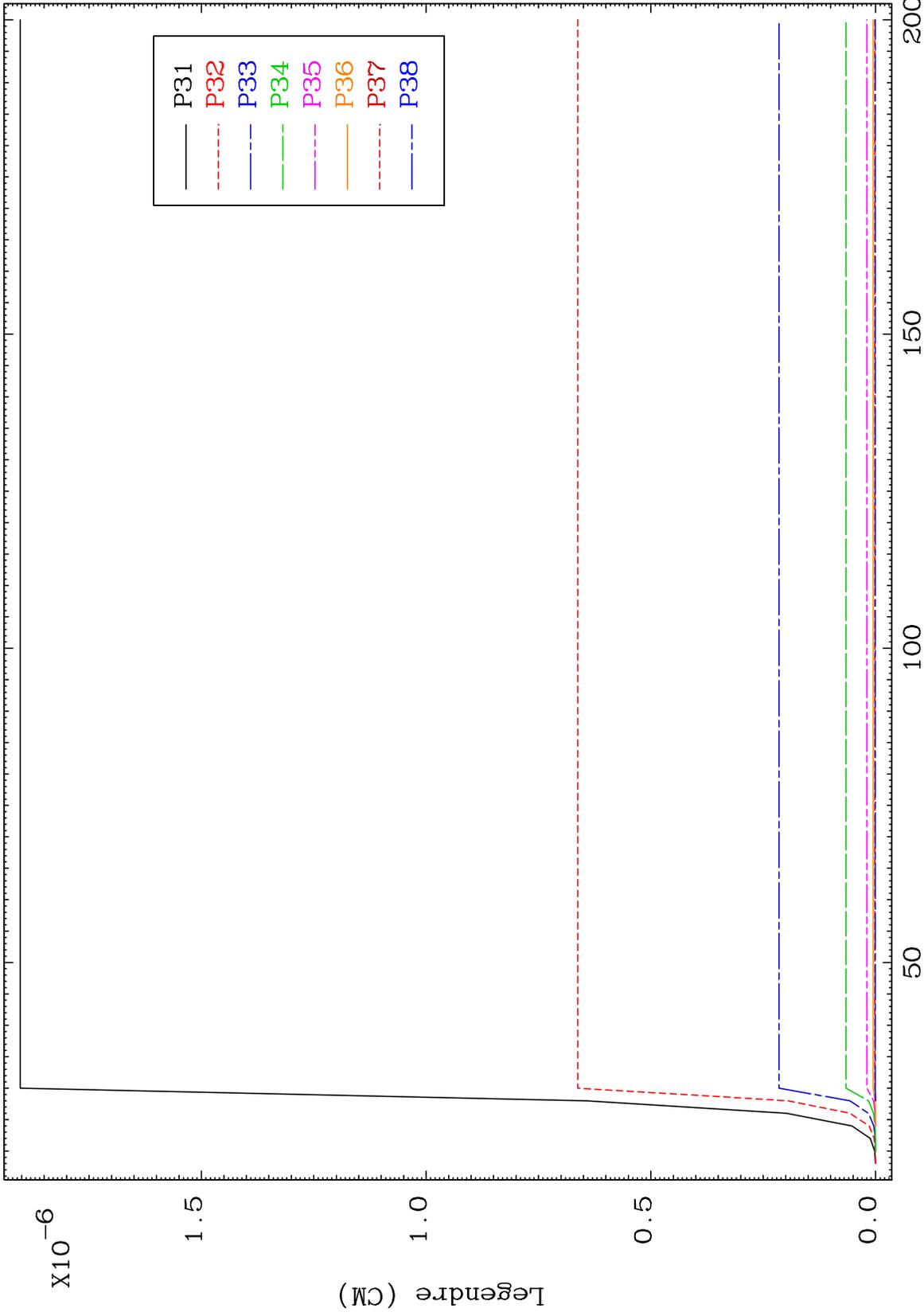
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83-Bi-204

MAT 8310

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

83-Bi-204



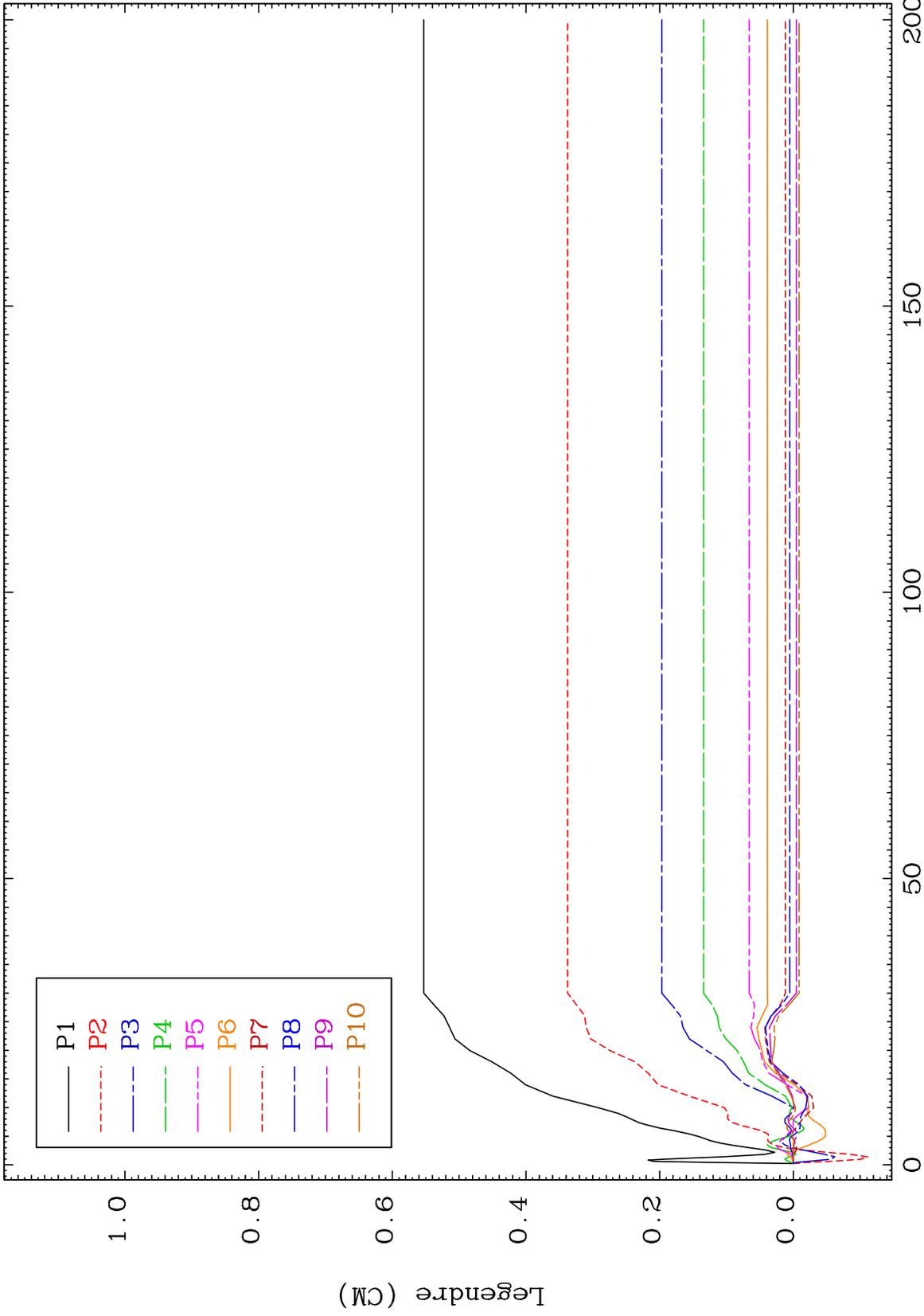
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83-Bi-204

MAT 8310

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

83-Bi-204



37

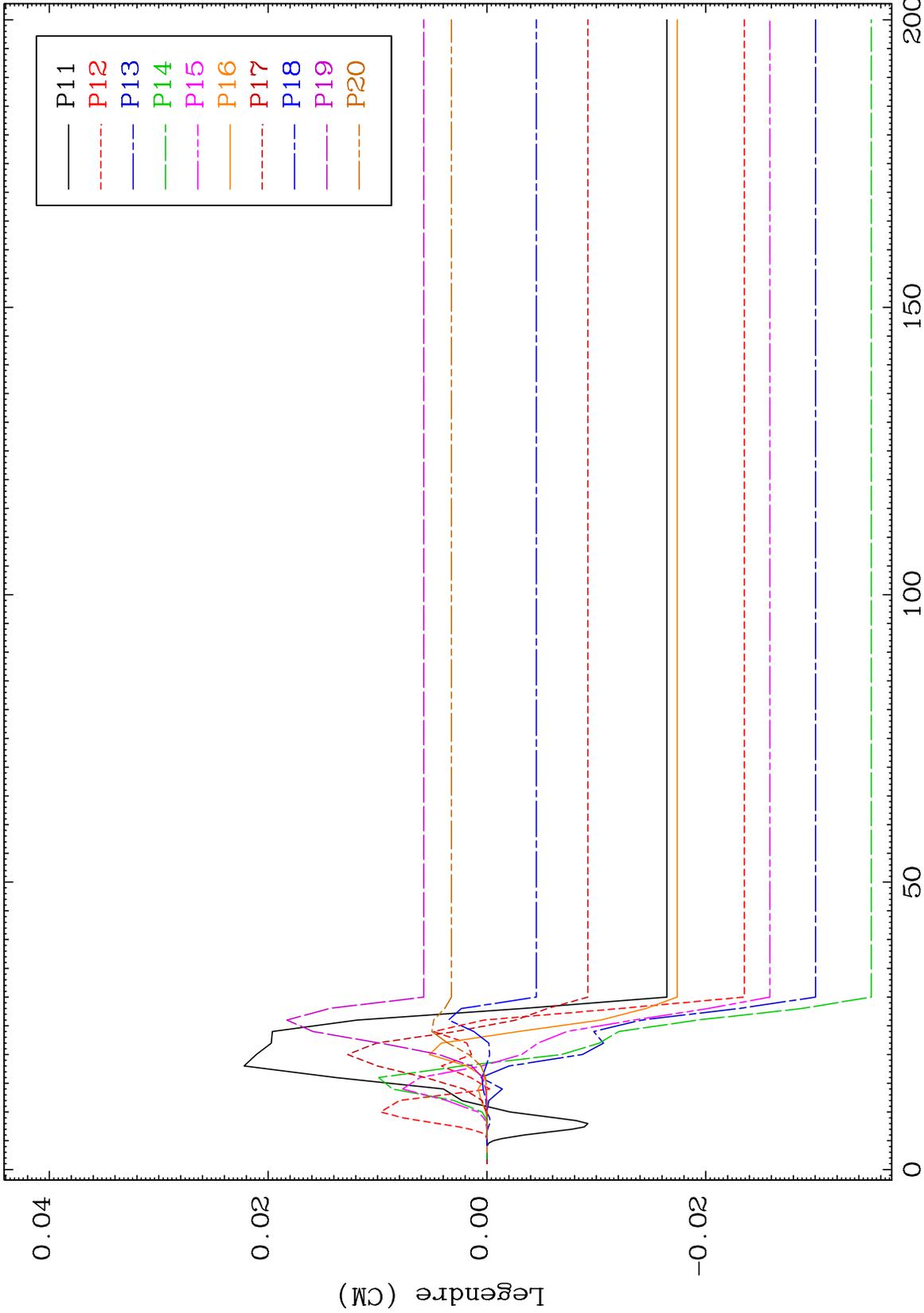
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83-Bi-204

MAT 8310

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

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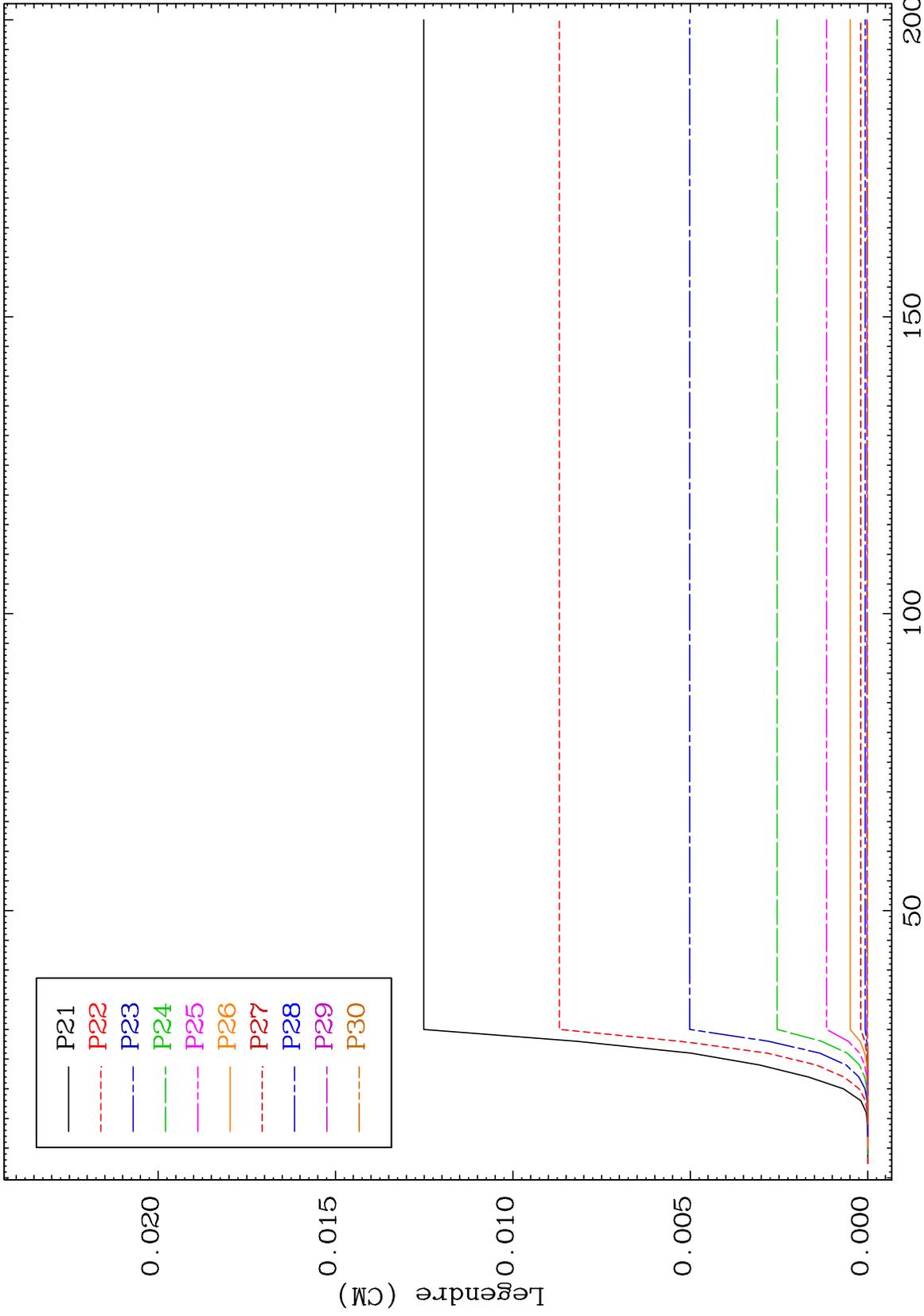
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MAT 8310

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

83-Bi-204



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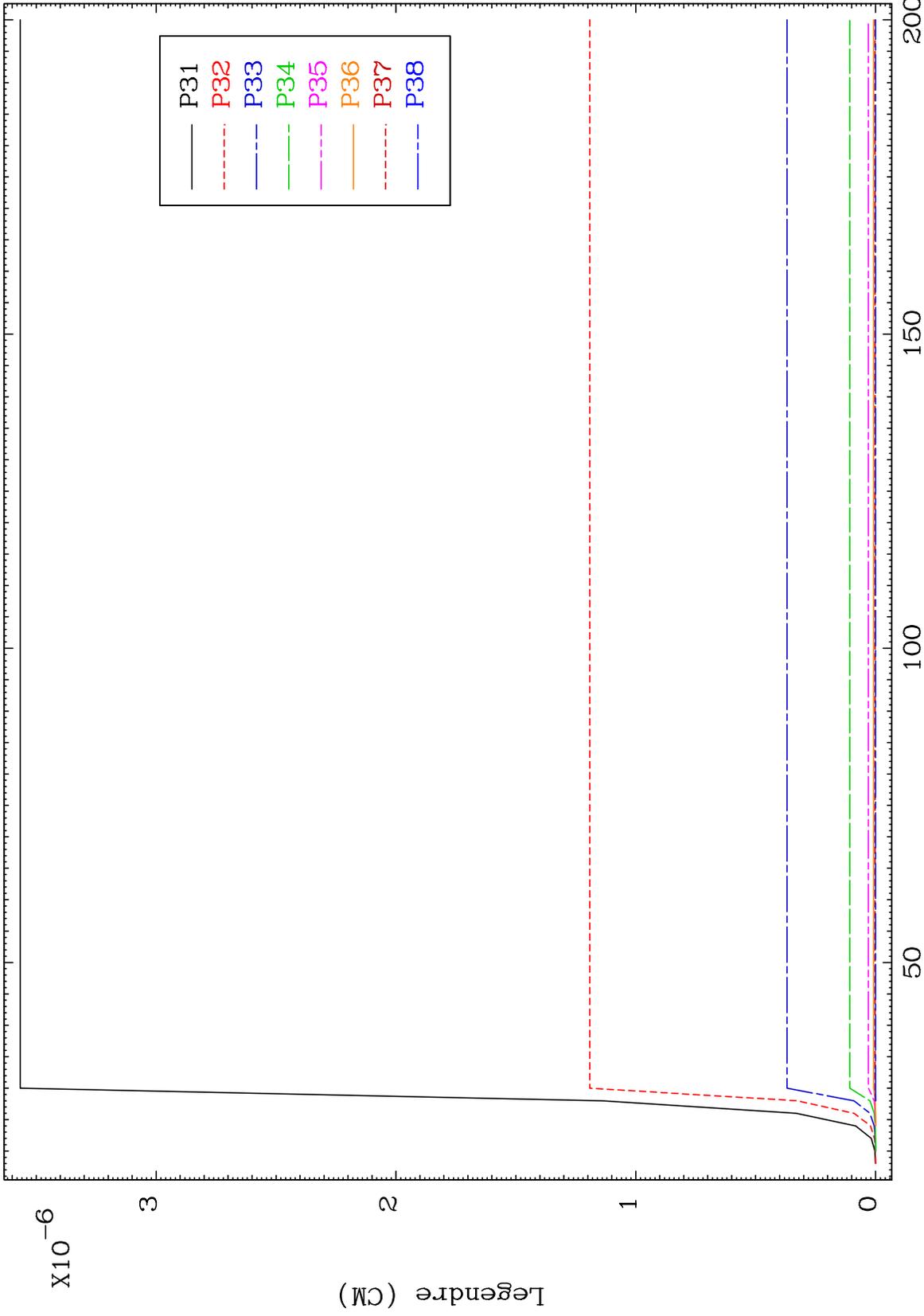
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MAT 8310

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

83-Bi-204



40

50

100

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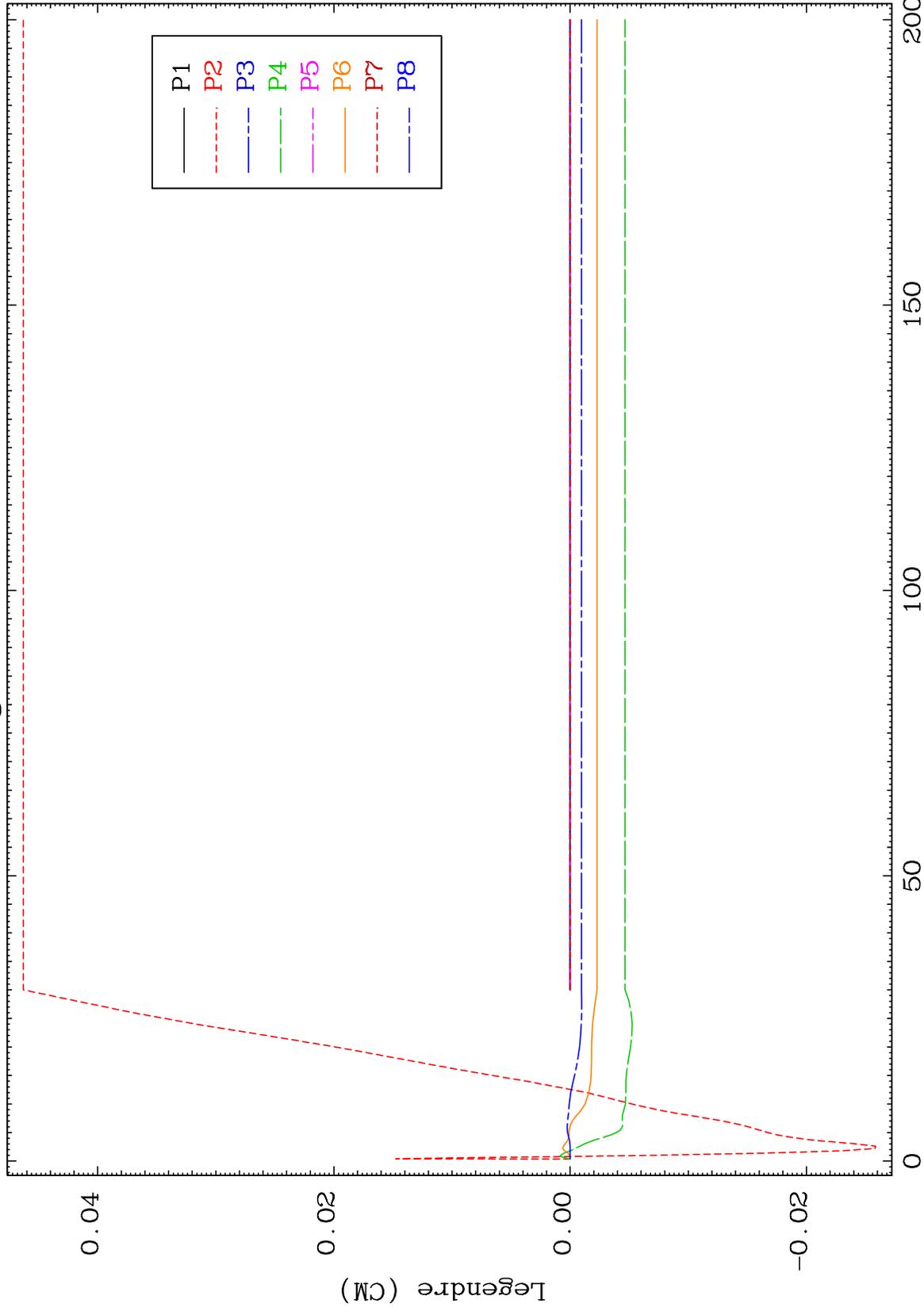
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83-Bi-204

MAT 8310

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

83-Bi-204



41

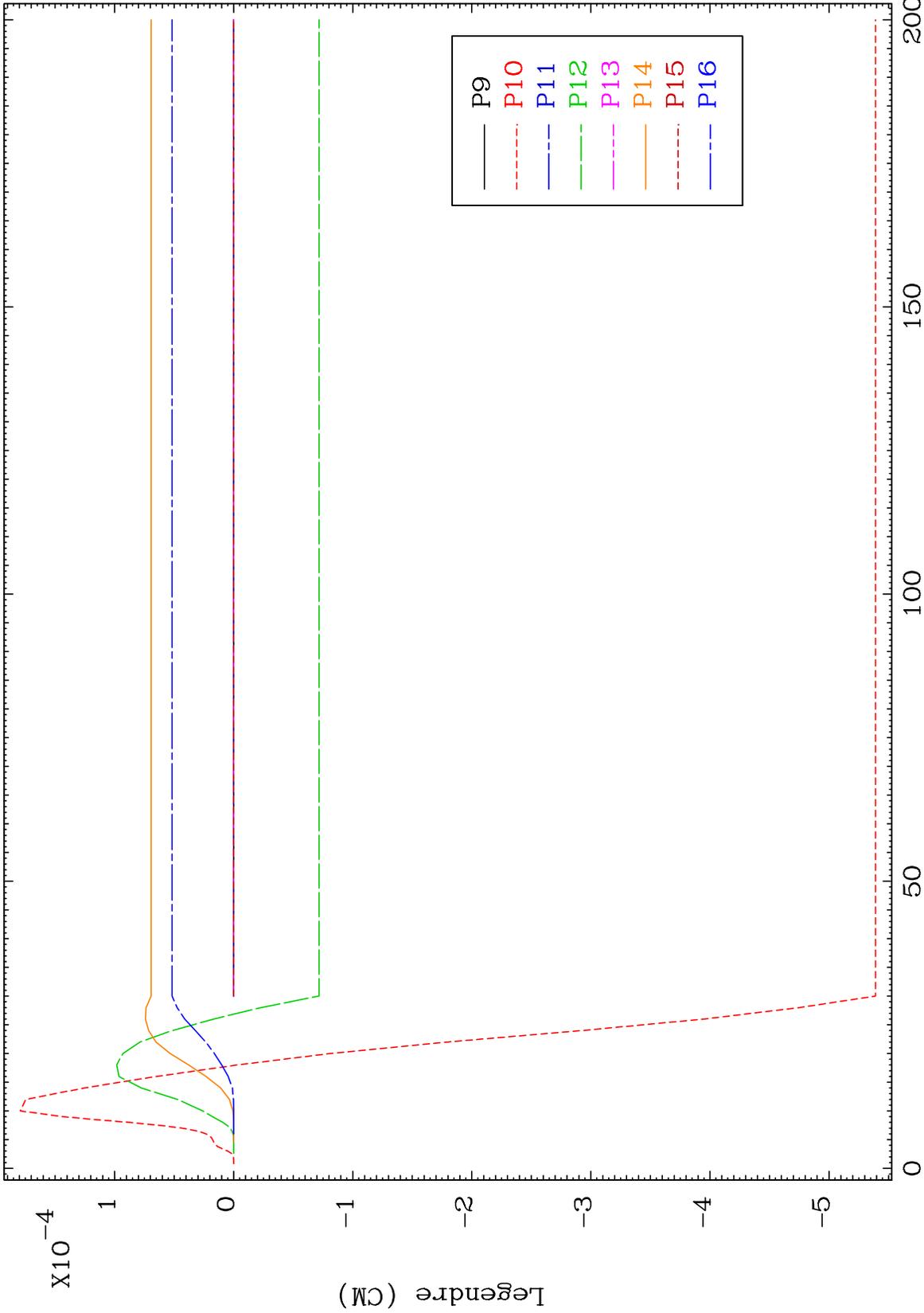
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MAT 8310

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

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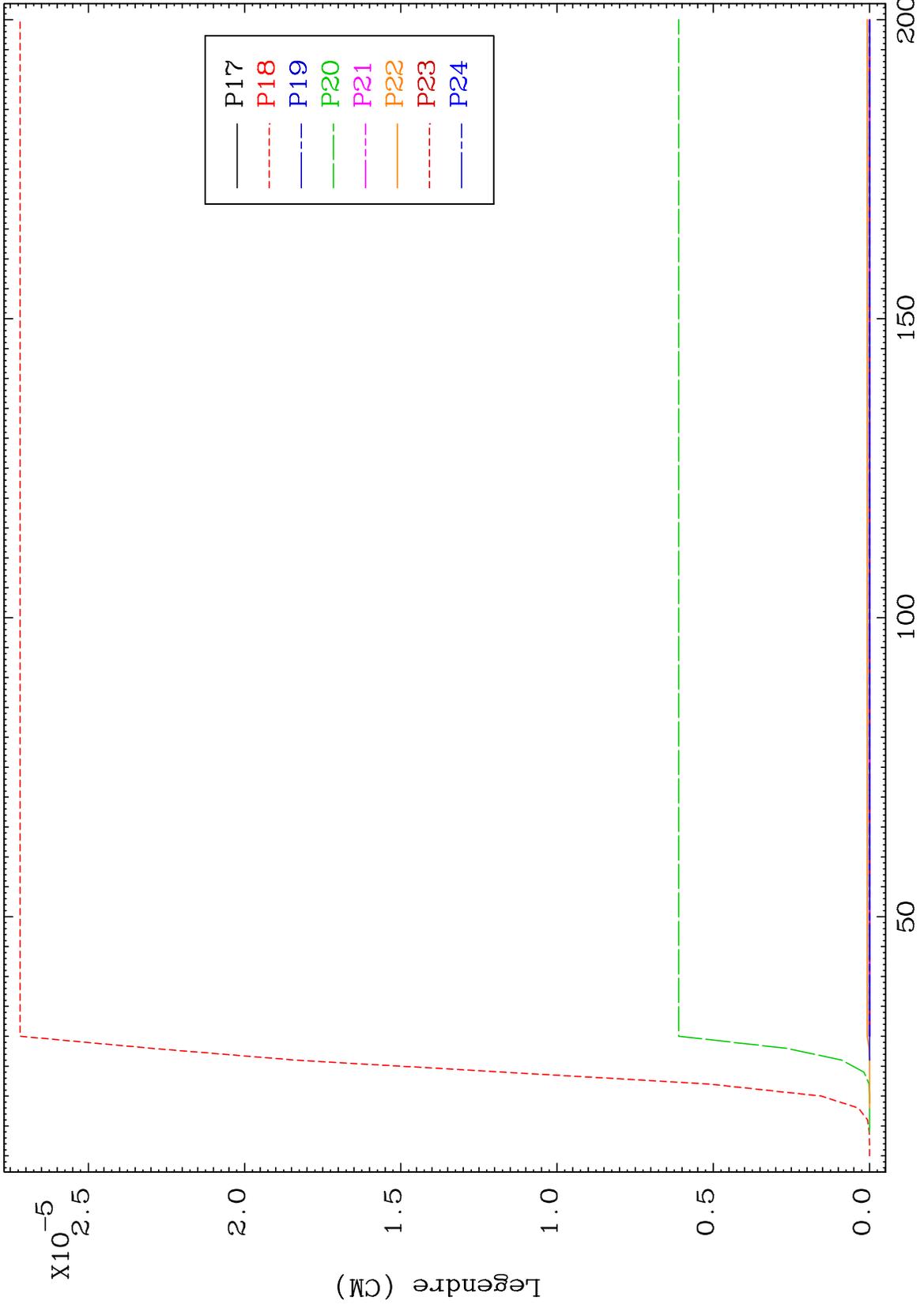


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Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 57 (n,n') Level Legendre Coefficients 83-Bi-204

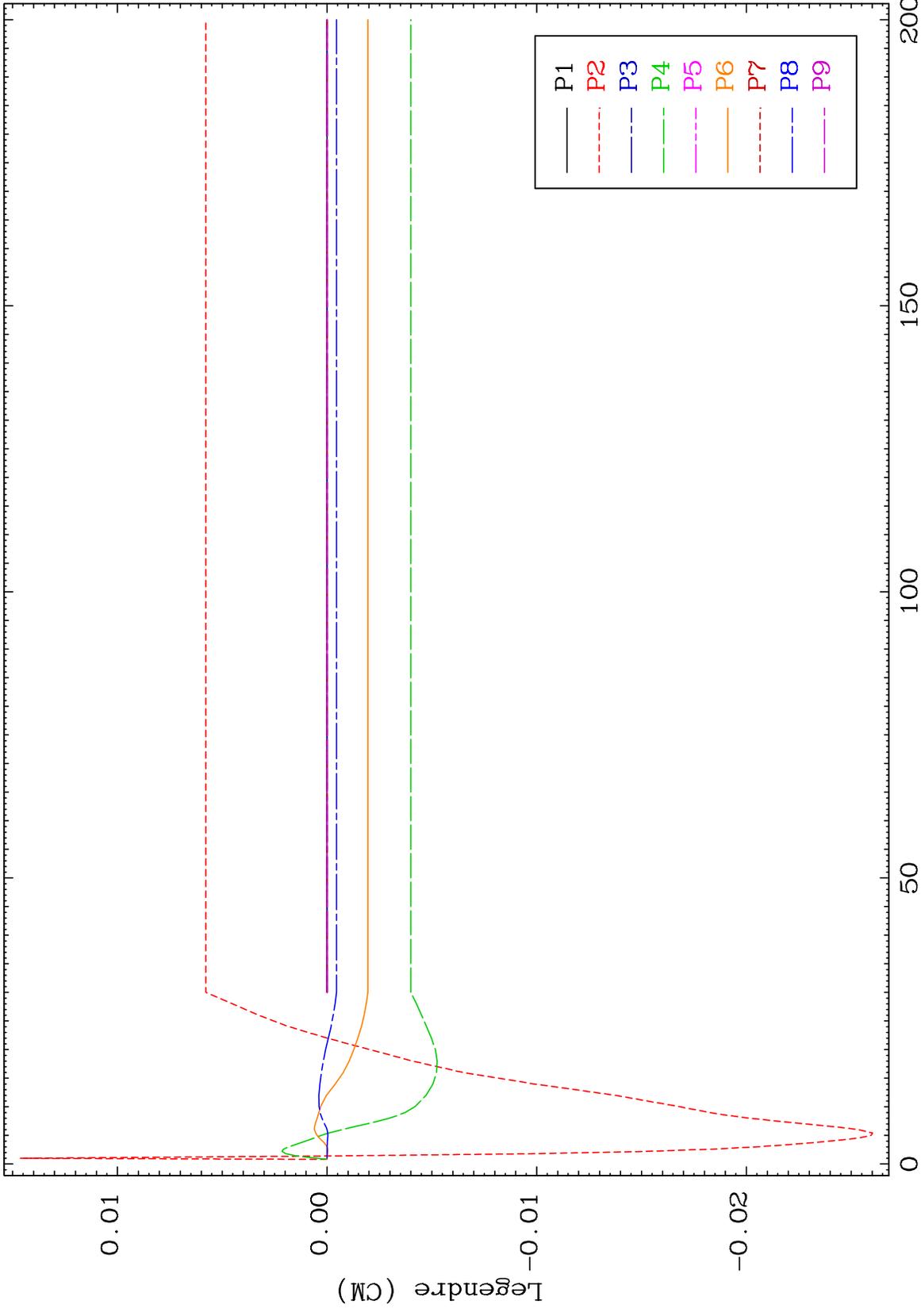


43 Incident Energy (MeV) 83-Bi-204

MAT 8310

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

83-Bi-204



44

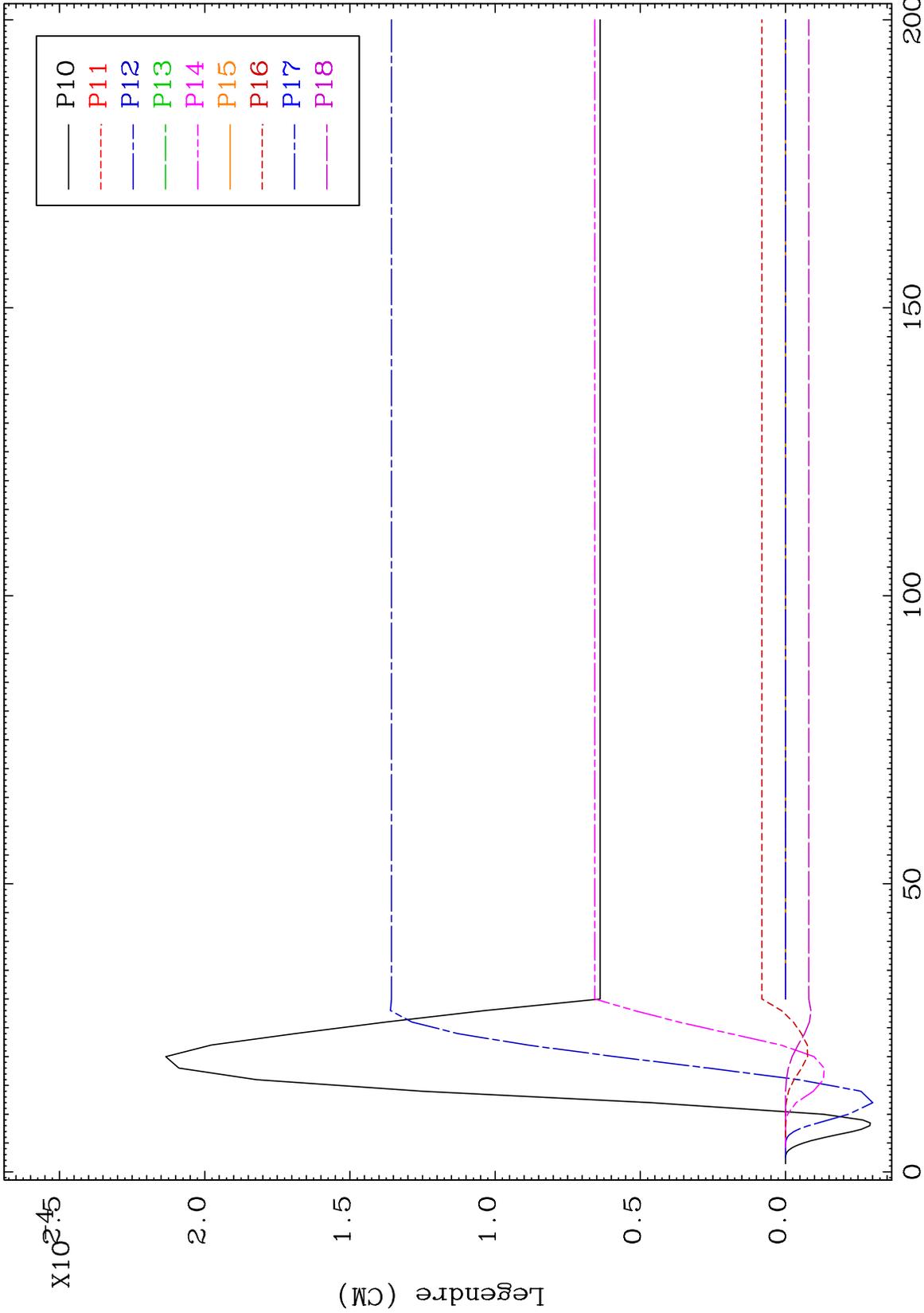
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83-Bi-204

MAT 8310

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

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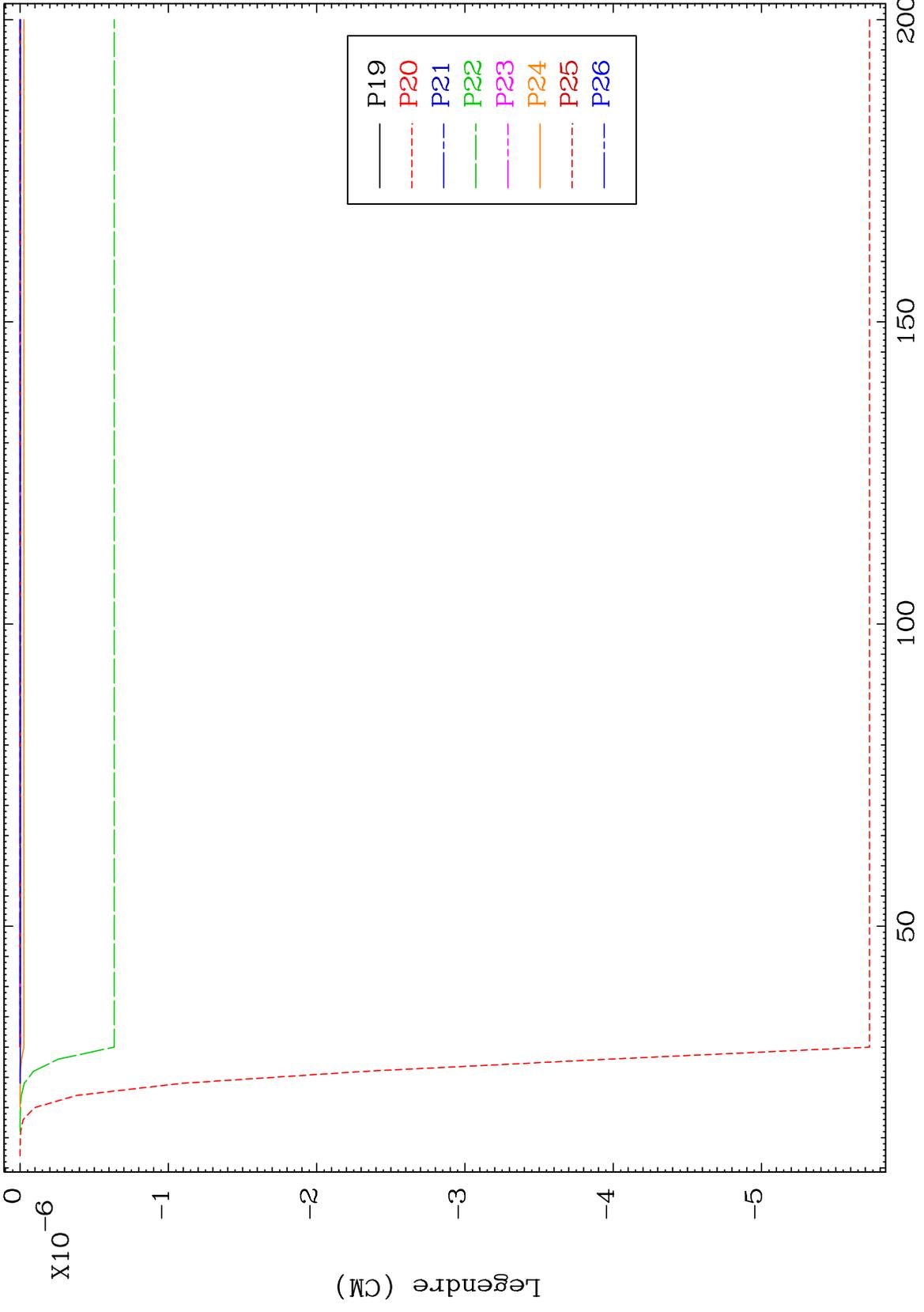


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Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 58 (n,n') Level Legendre Coefficients 83-Bi-204

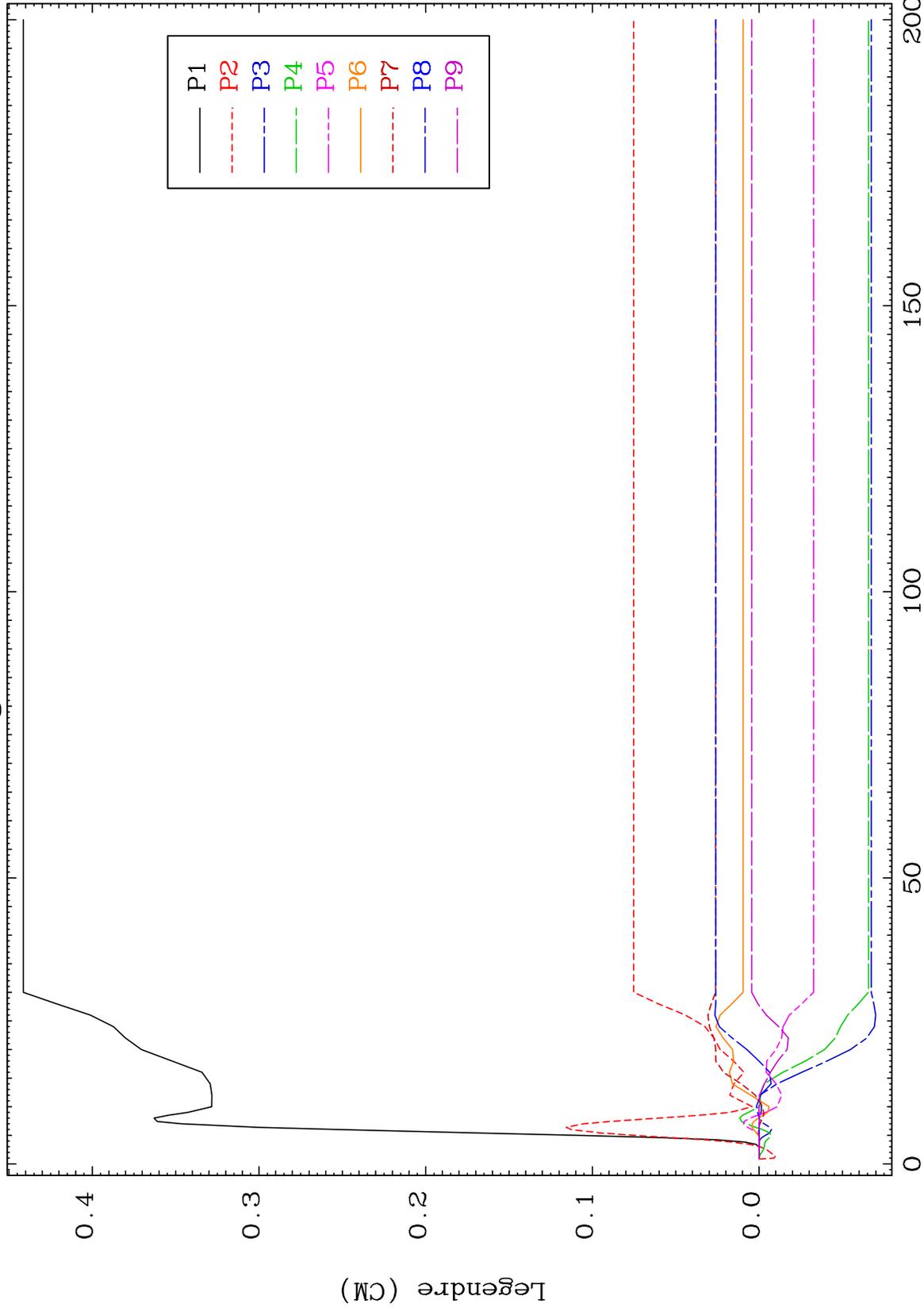


46 Incident Energy (MeV) 83-Bi-204

MAT 8310

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

83-Bi-204



47

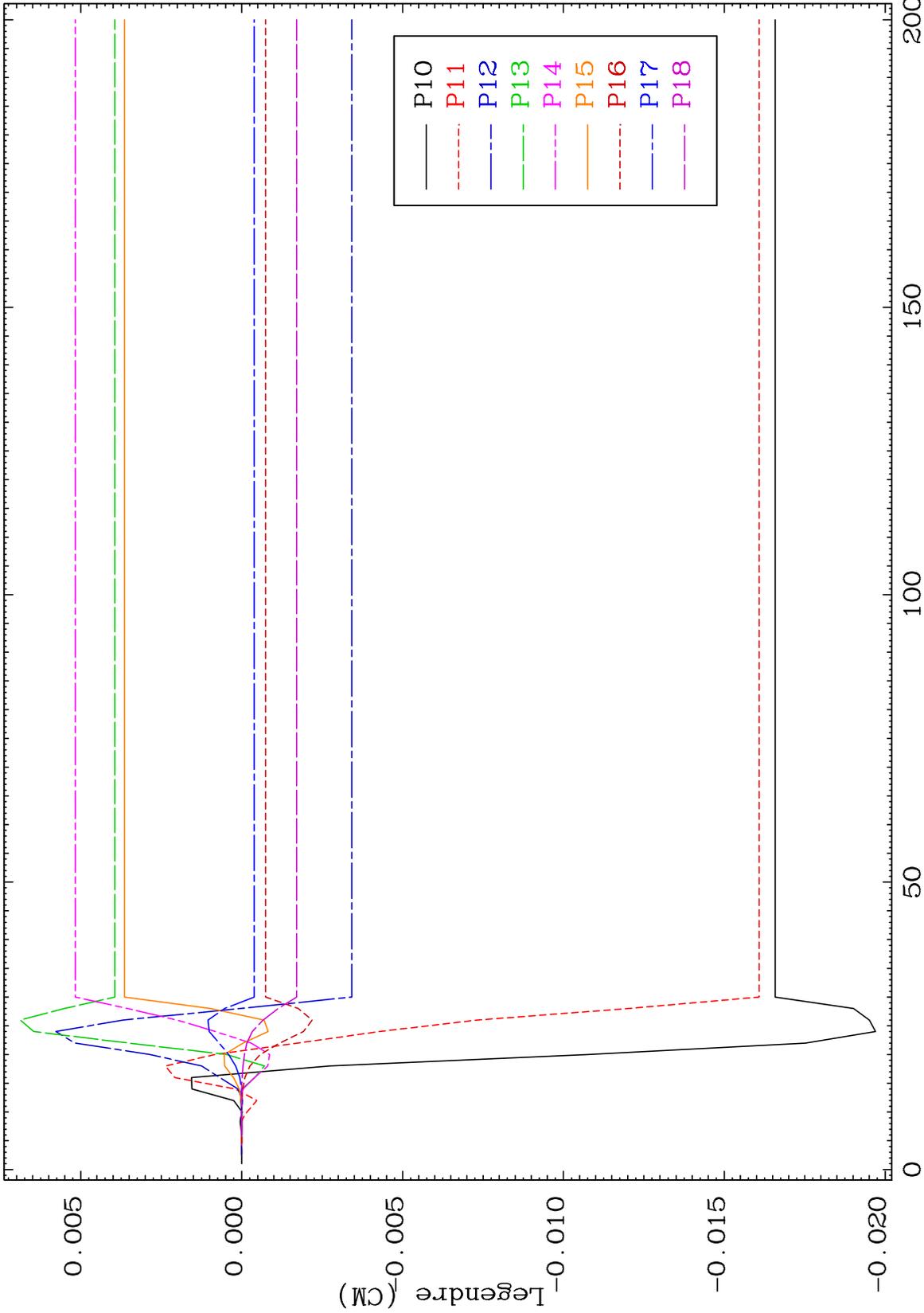
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83-Bi-204

MAT 8310

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

83-Bi-204



48

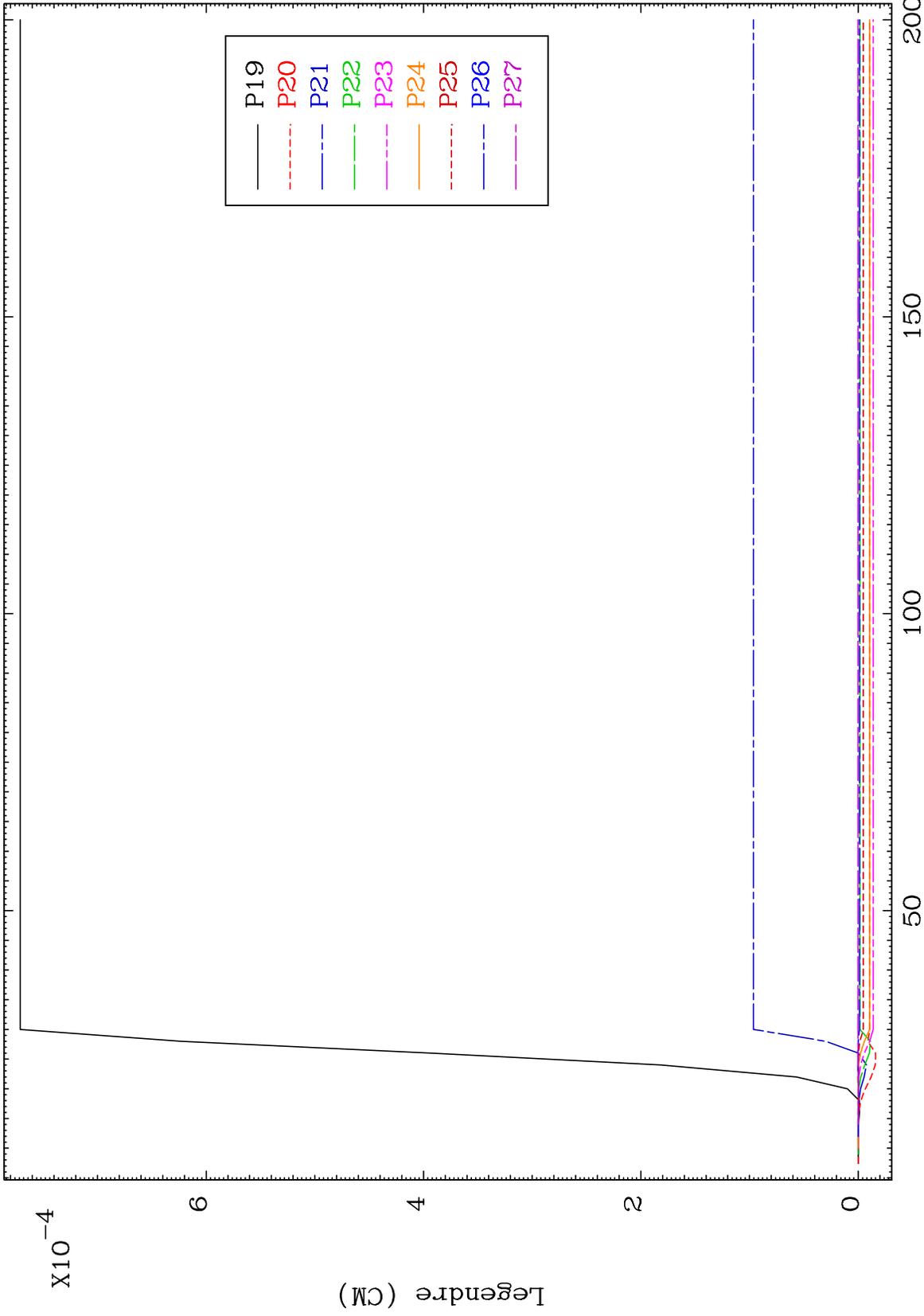
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MAT 8310

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

83-Bi-204

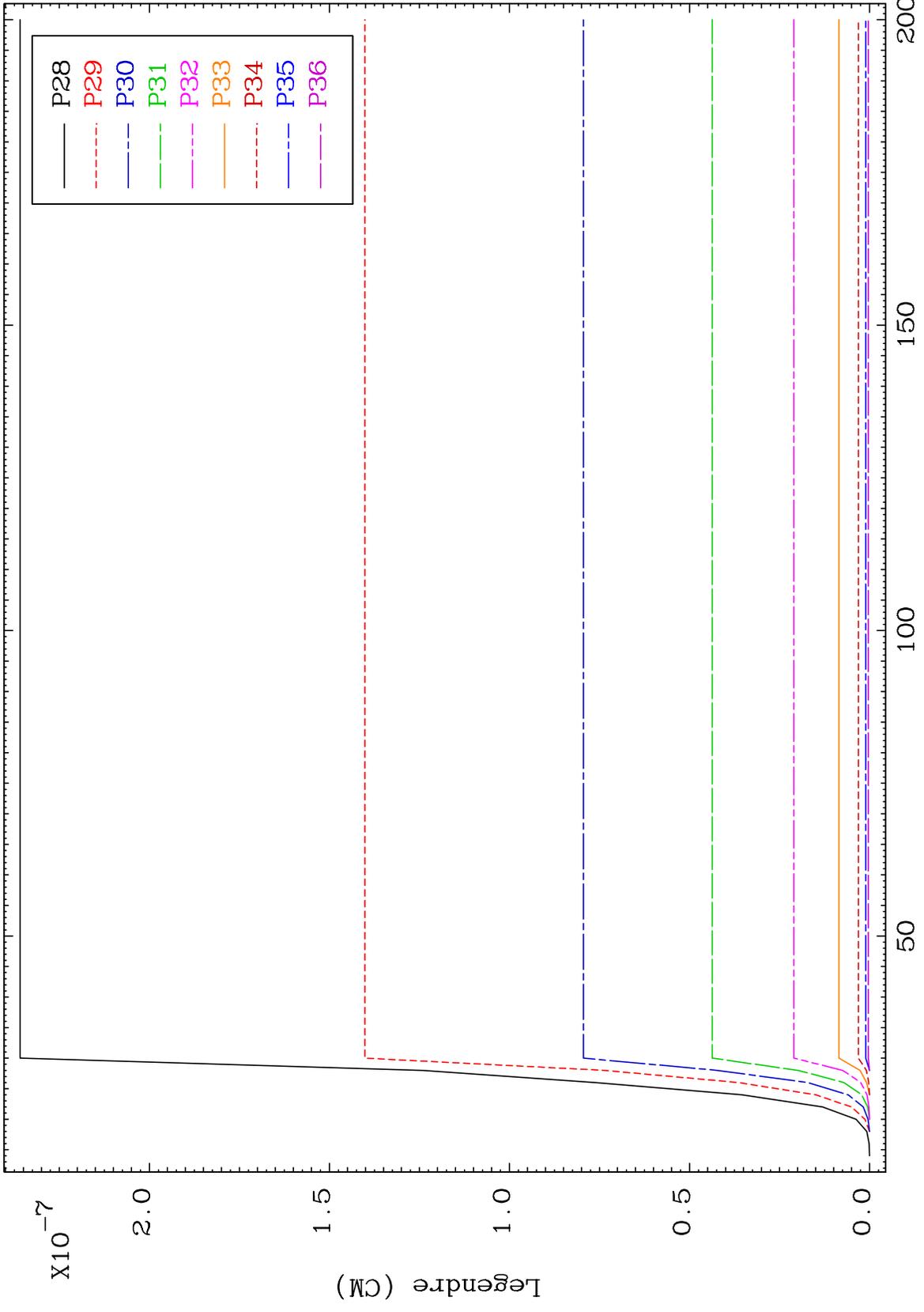


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Incident Energy (MeV)

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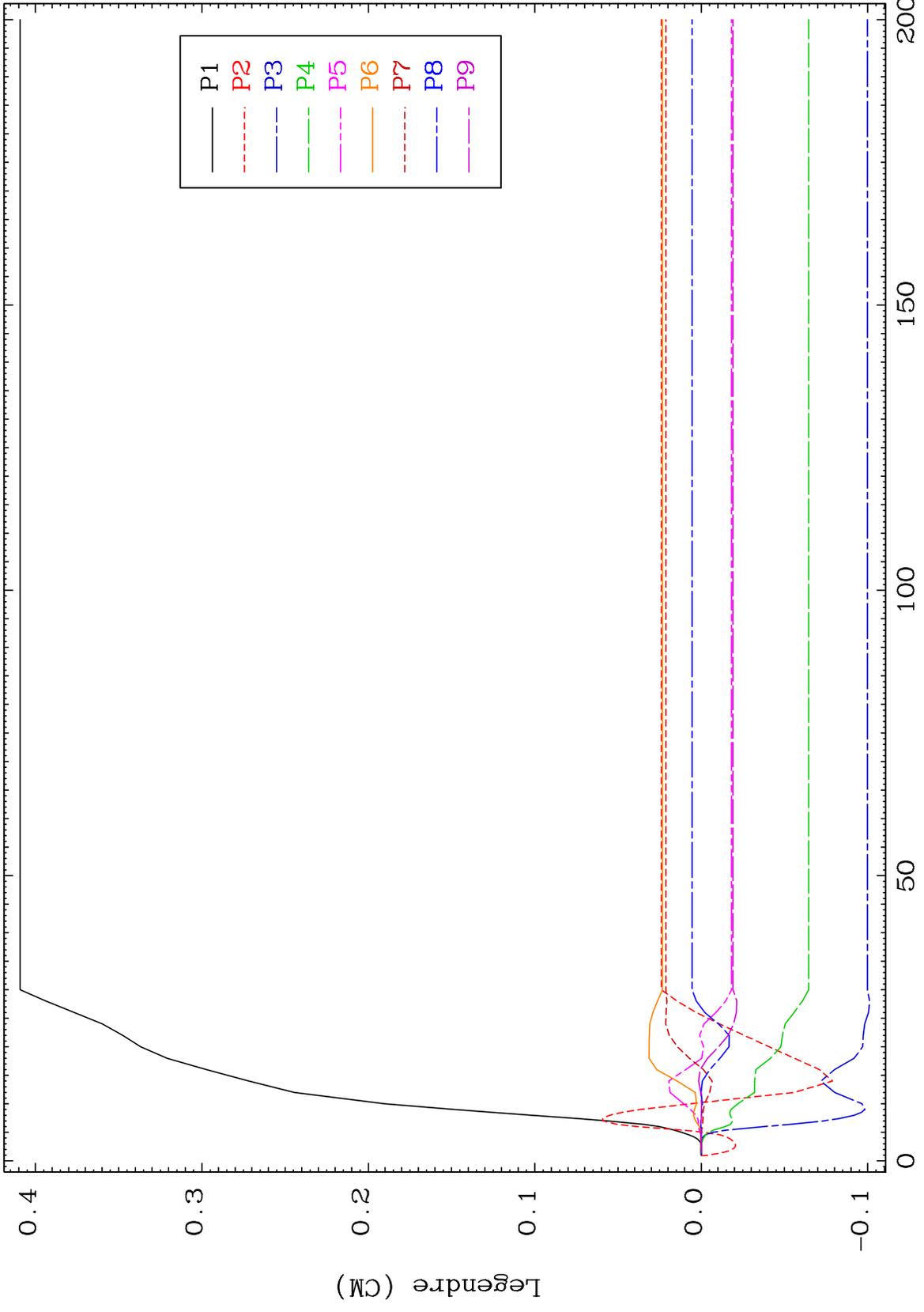


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MT= 60 (n,n') Level
Legendre Coefficients

83-Bi-204



51

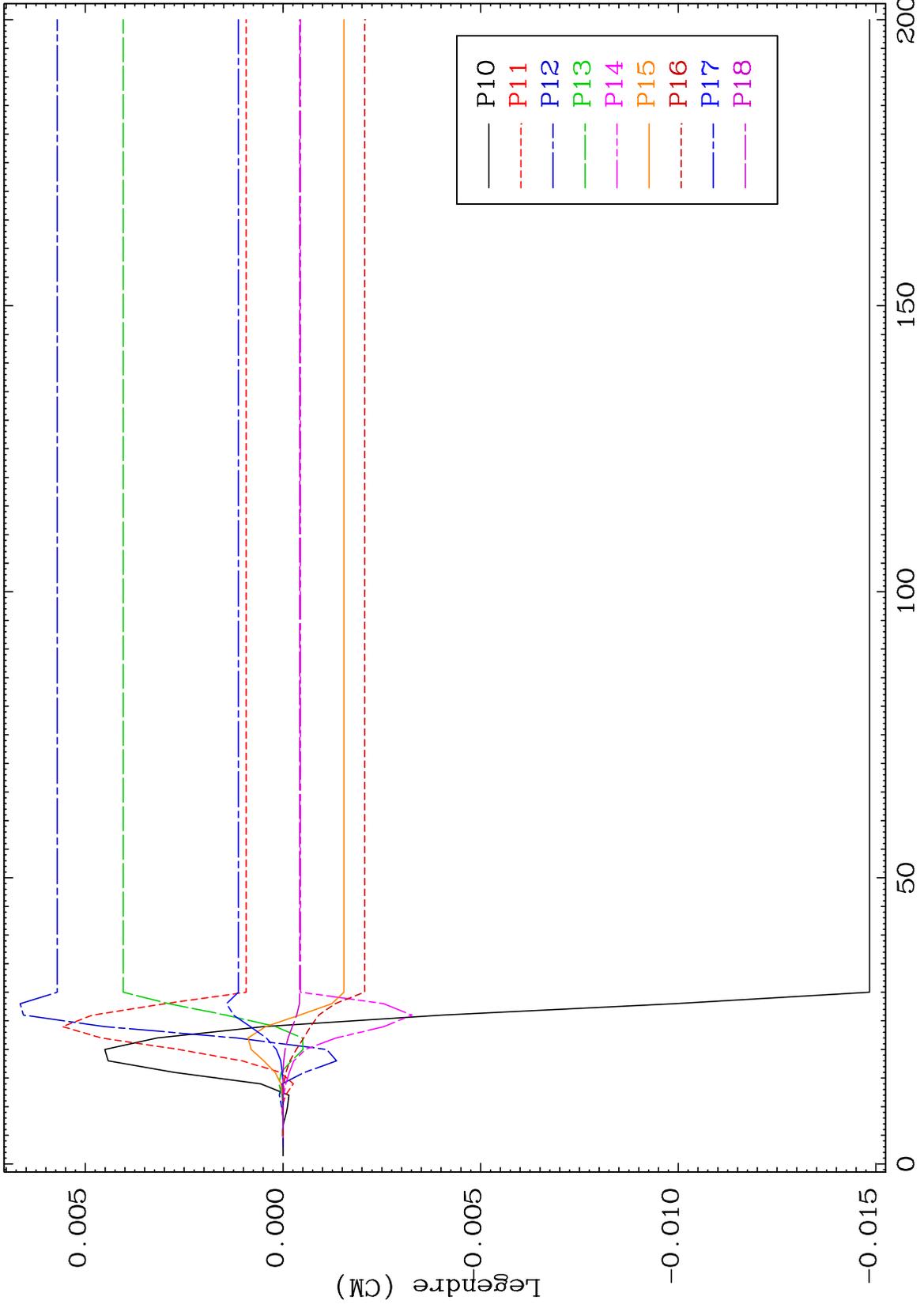
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83-Bi-204

MAT 8310

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

83-Bi-204



52

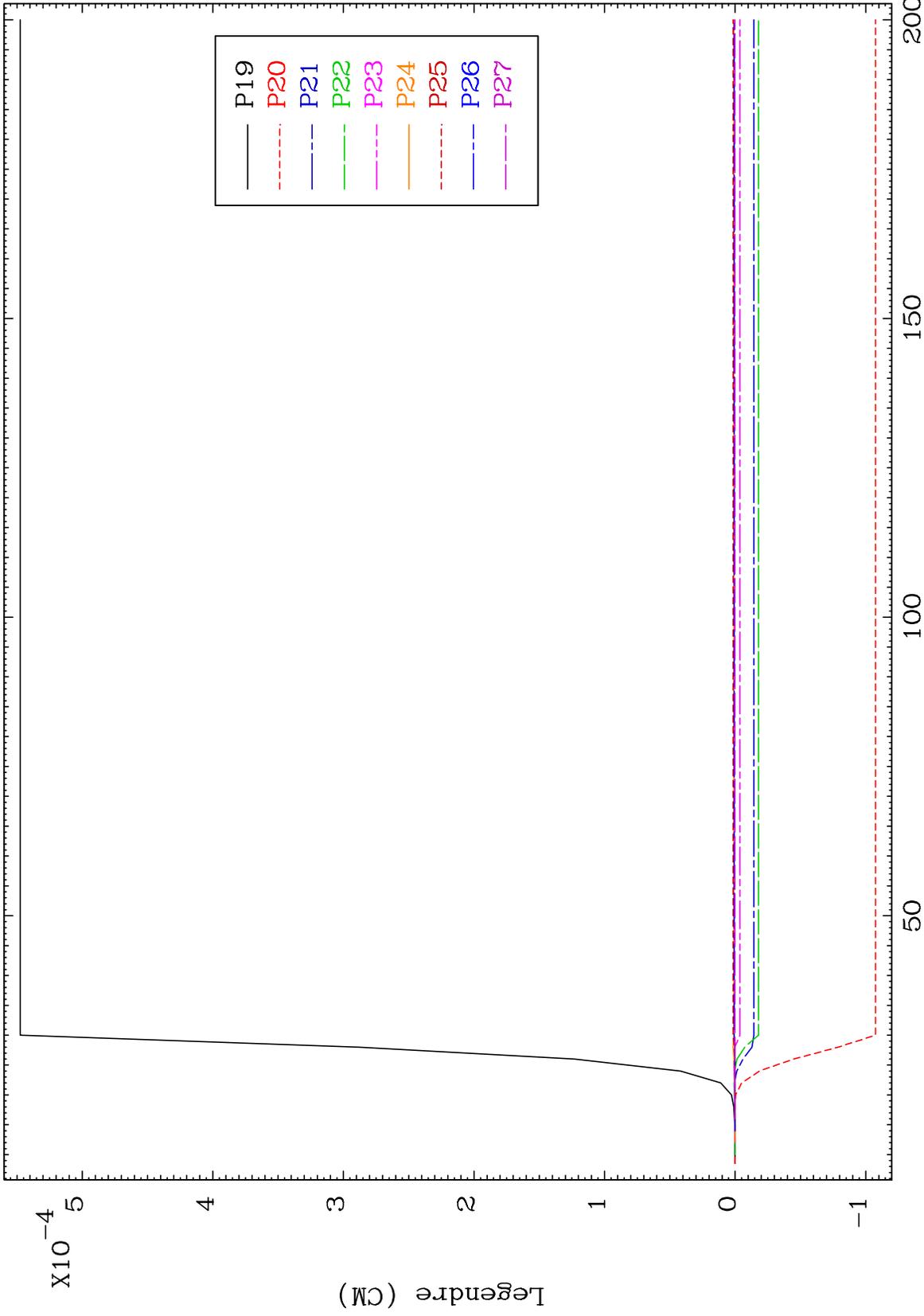
Incident Energy (MeV)

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MAT 8310

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

83-Bi-204



53

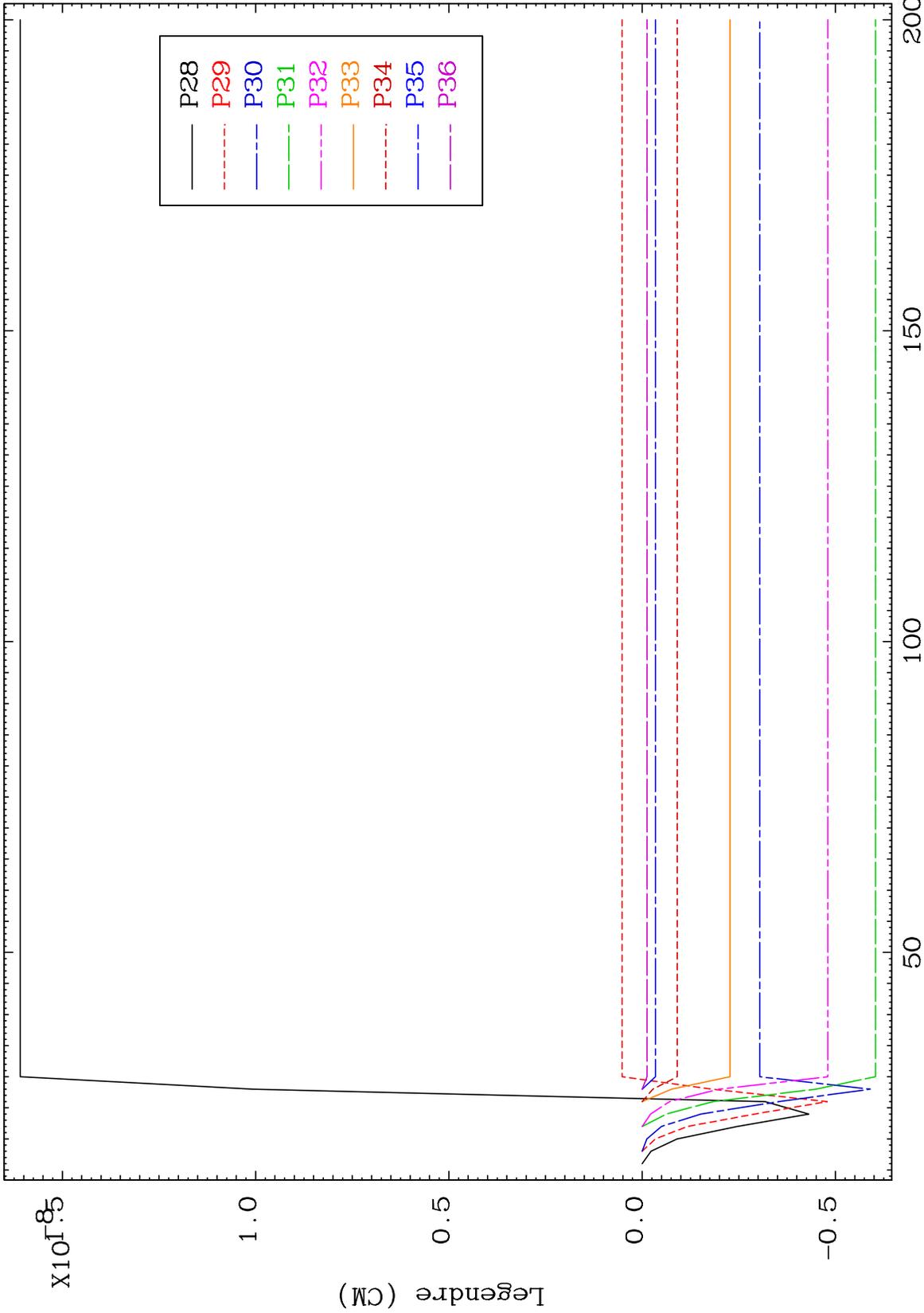
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MAT 8310

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

83-Bi-204



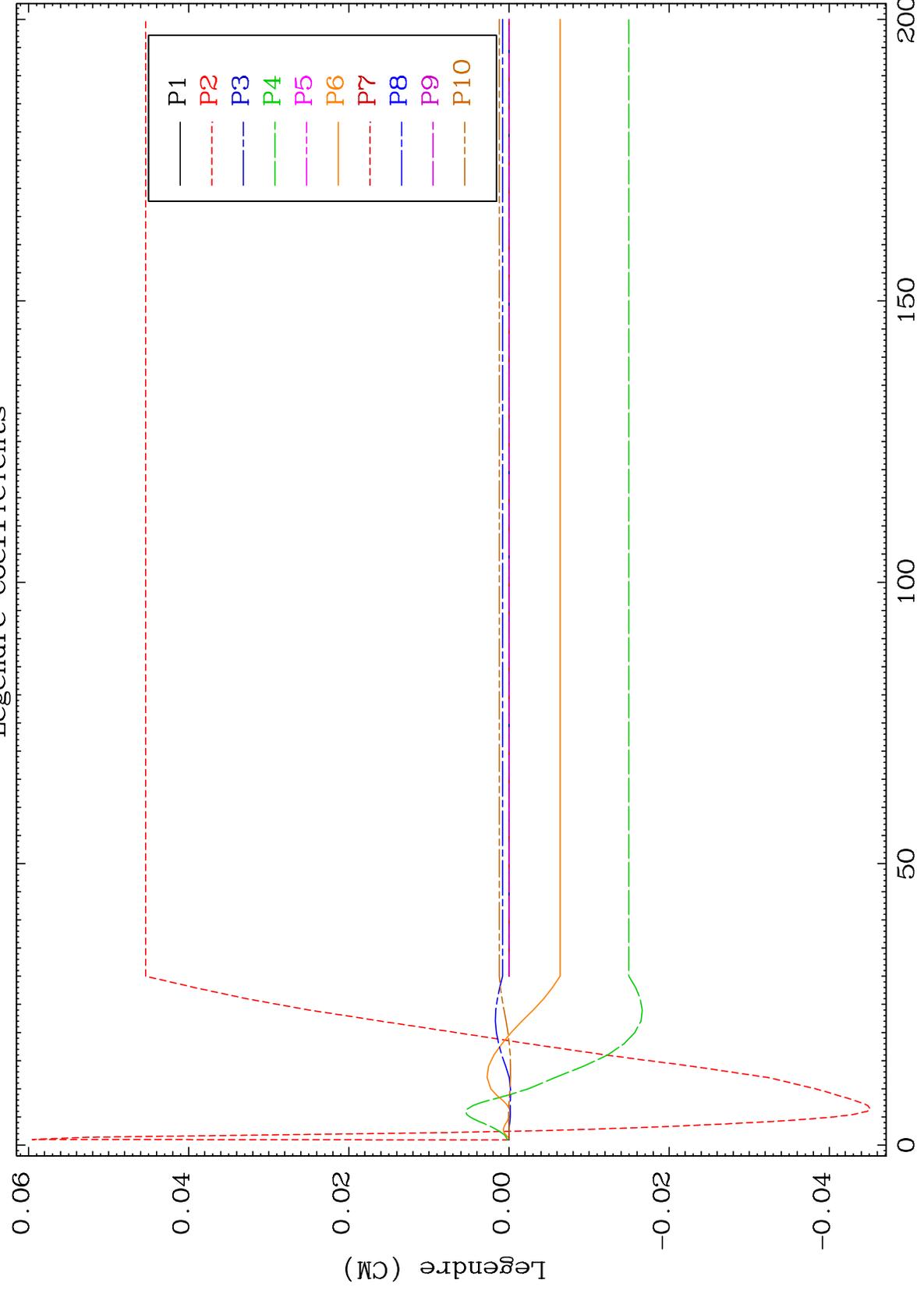
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Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 61 (n,n') Level Legendre Coefficients

83-Bi-204



83-Bi-204

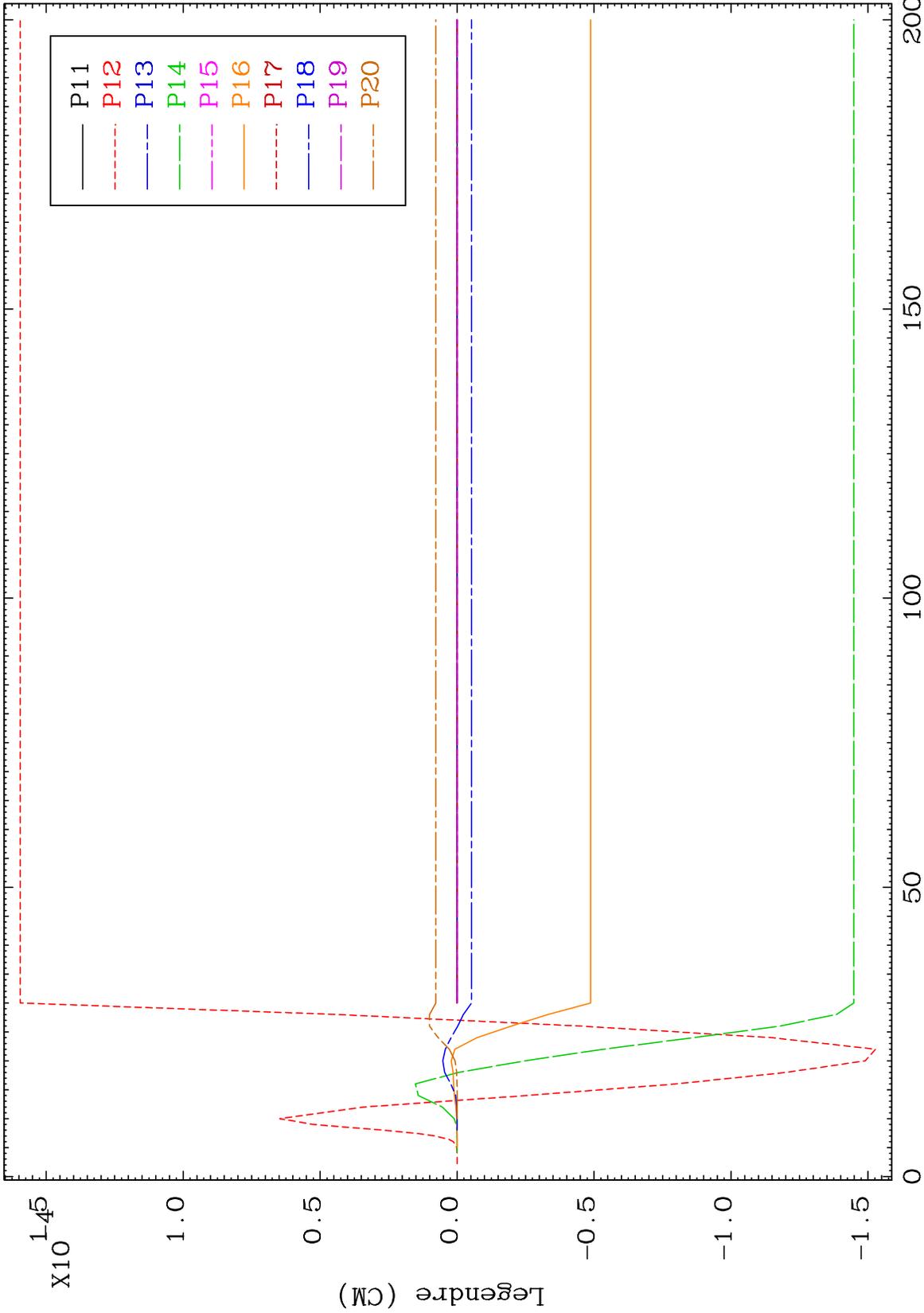
Incident Energy (MeV)

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MAT 8310

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

83-Bi-204

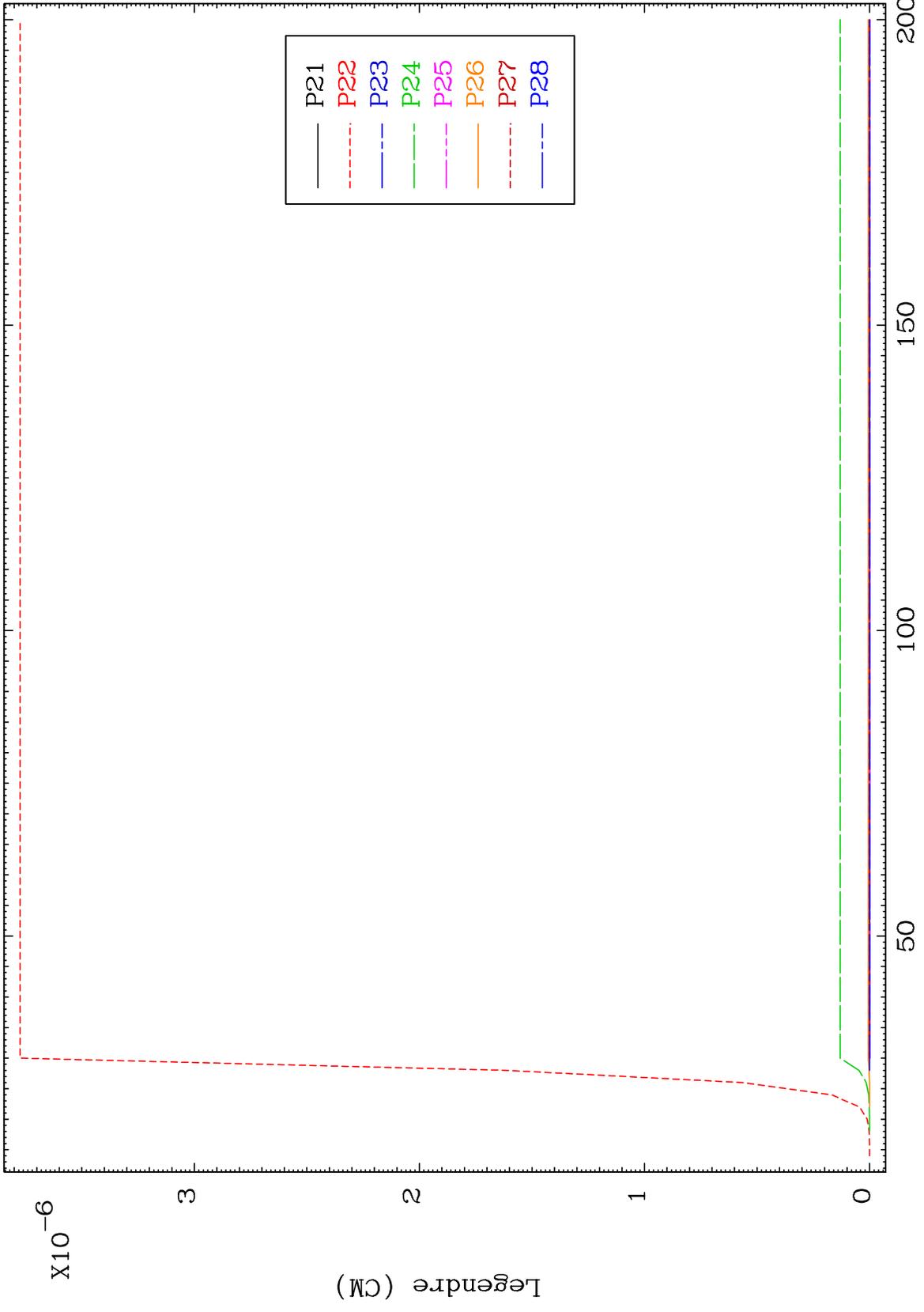


56

Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 61 (n,n') Level Legendre Coefficients 83-Bi-204

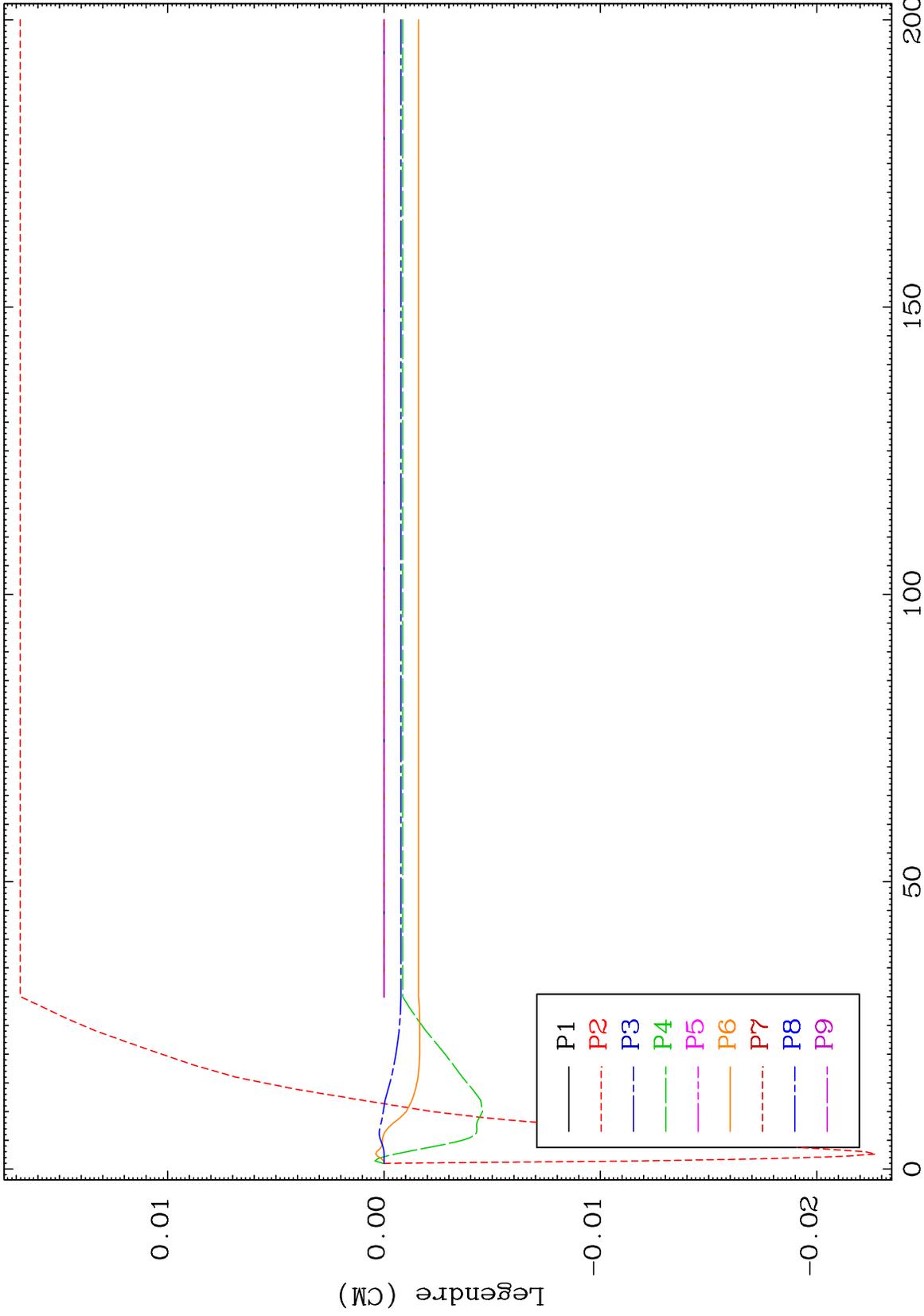


57 Incident Energy (MeV) 83-Bi-204

MAT 8310

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

83-Bi-204



58

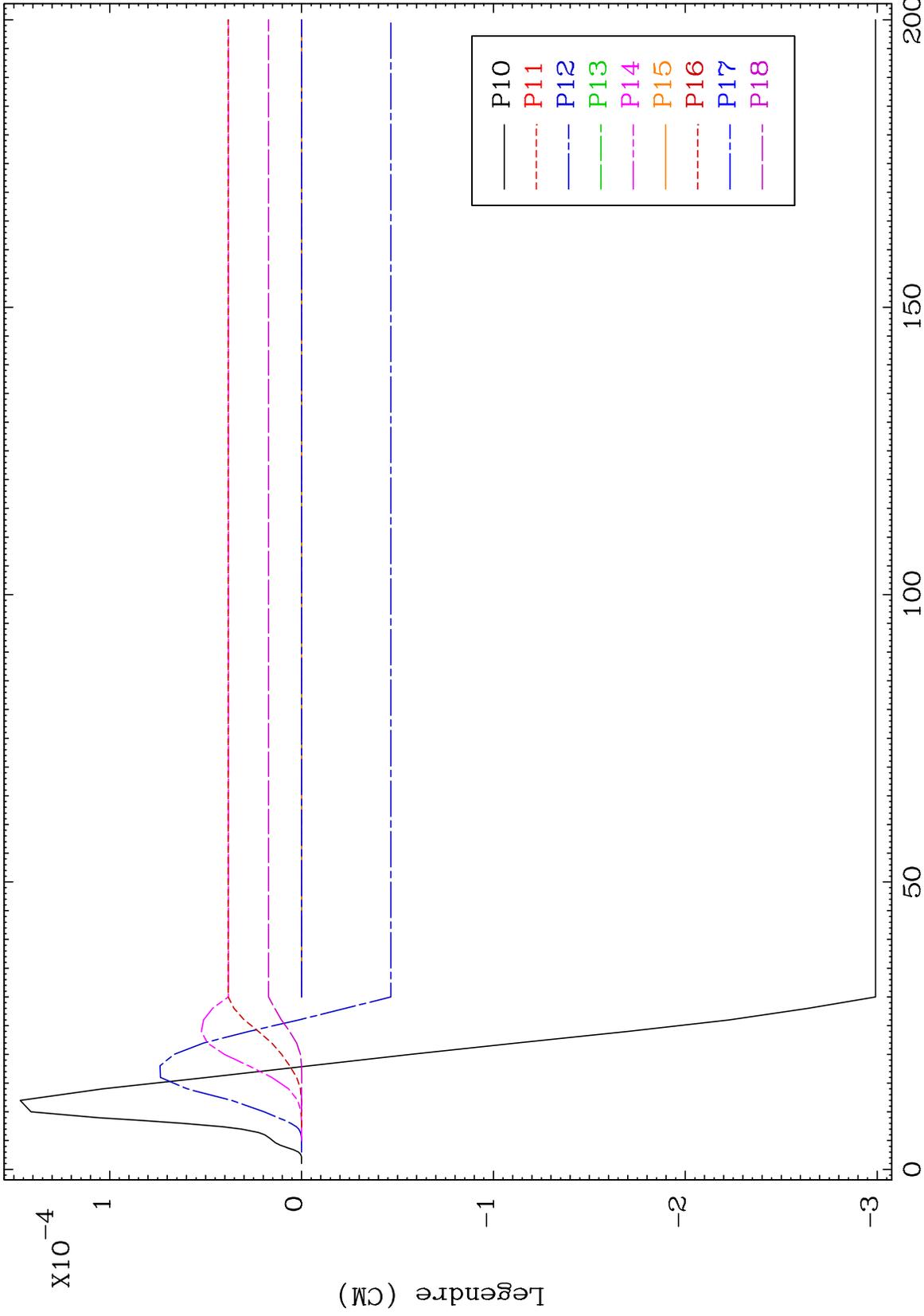
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

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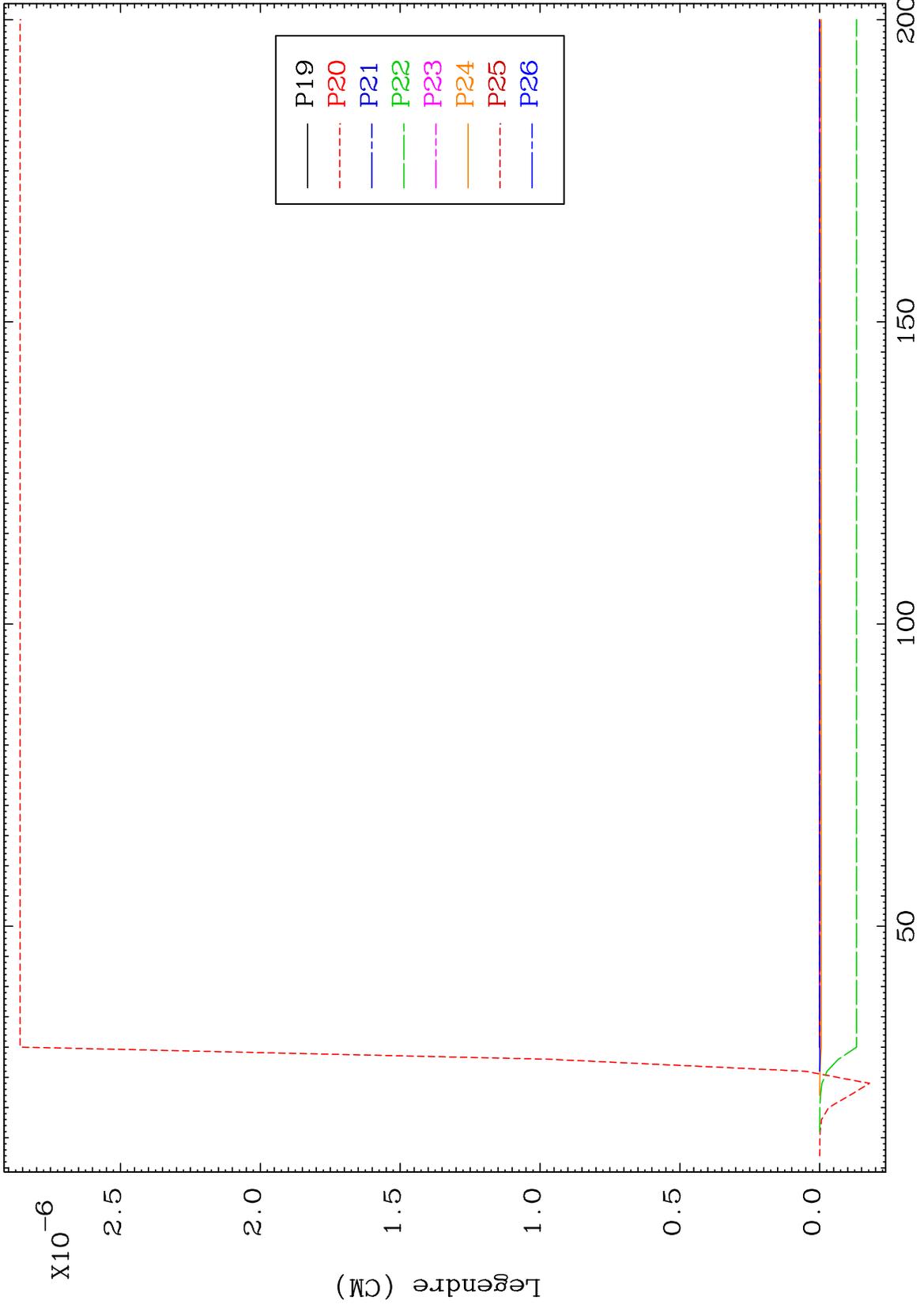


59

83-Bi-204

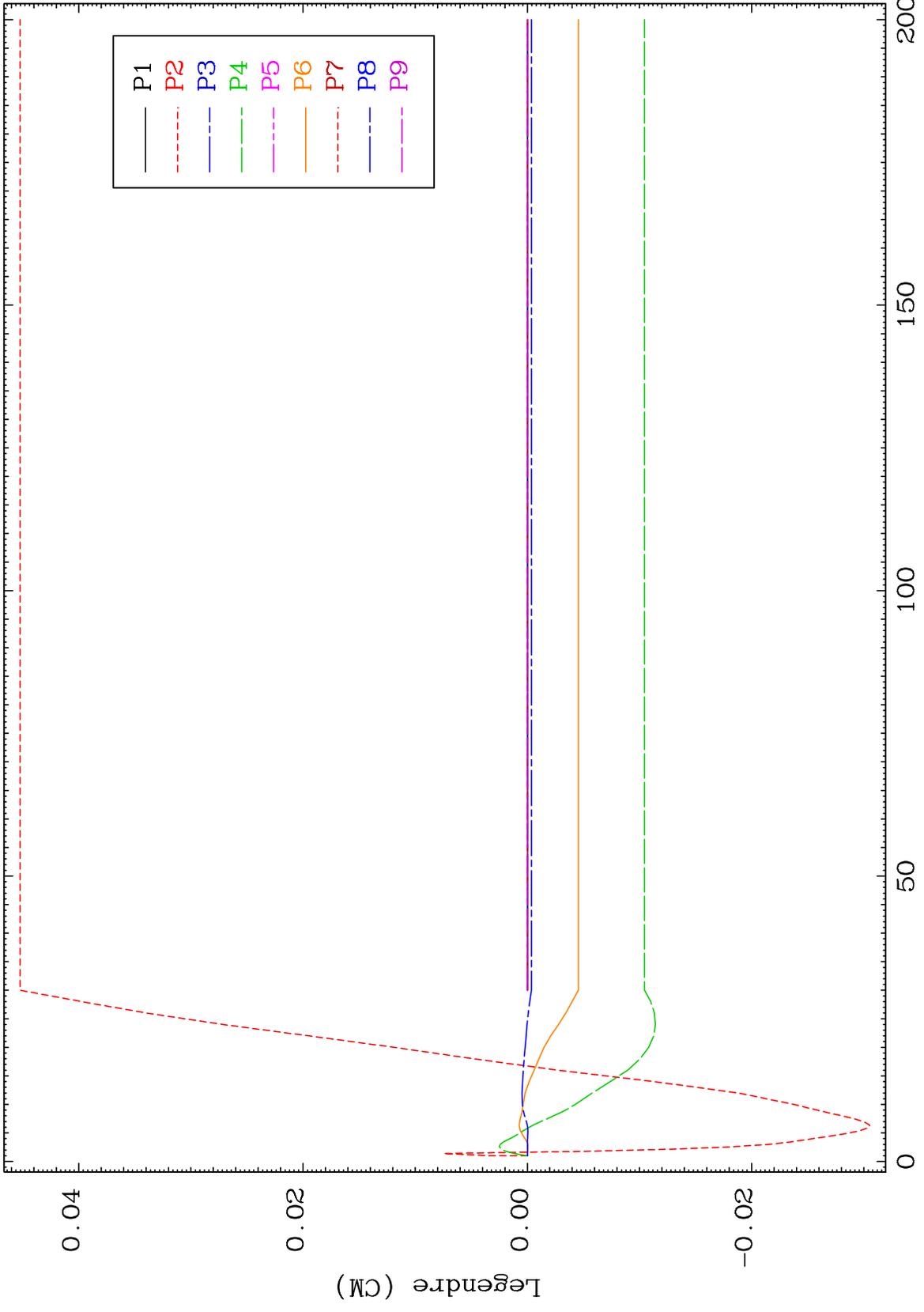
83-Bi-204

MAT 8310 MT= 62 (n,n') Level Legendre Coefficients 83-Bi-204



83-Bi-204

MAT 8310 MT= 63 (n,n') Level Legendre Coefficients 83-Bi-204

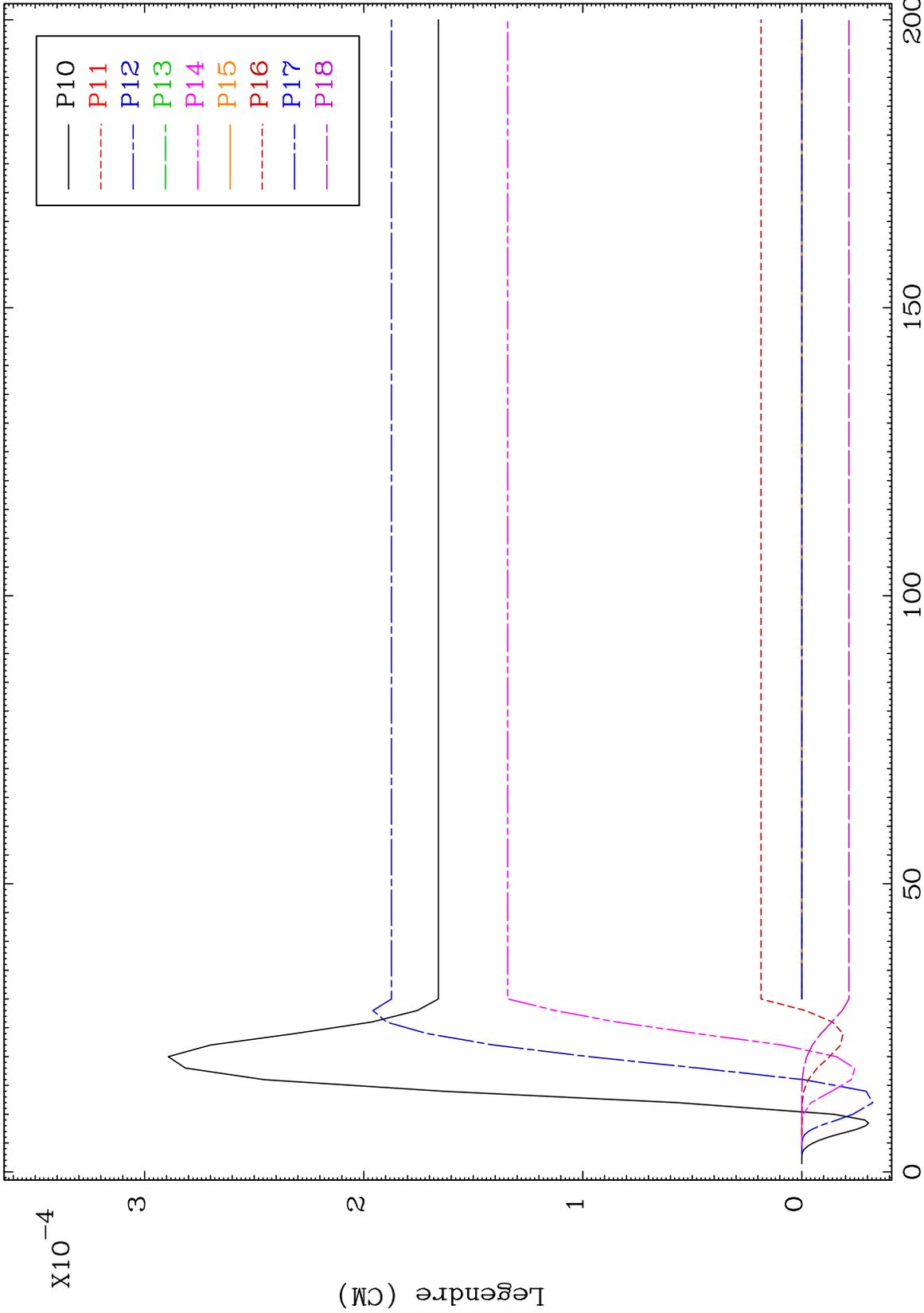


61 83-Bi-204

MAT 8310

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

83-Bi-204

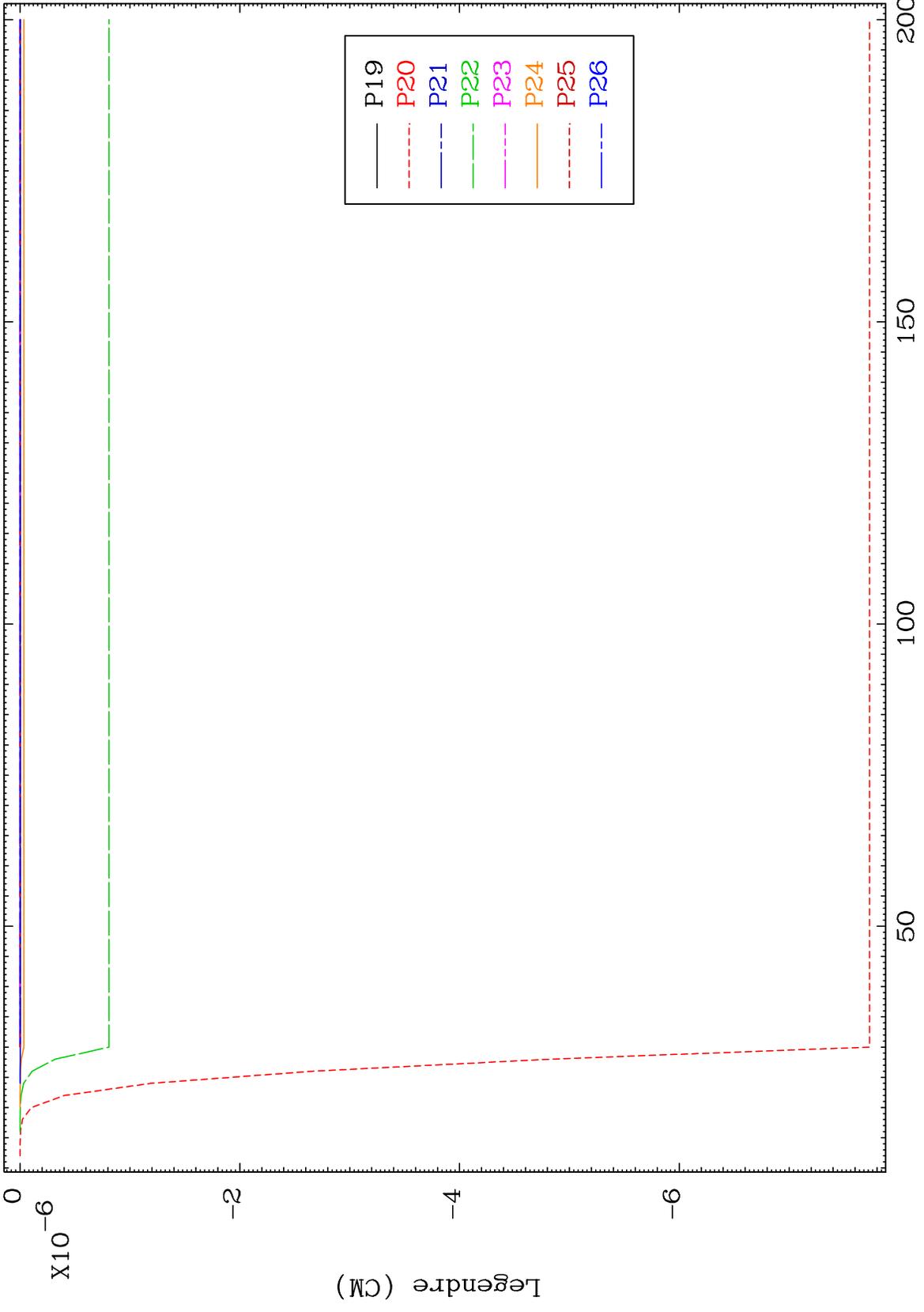


62

Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 63 (n,n') Level Legendre Coefficients 83-Bi-204

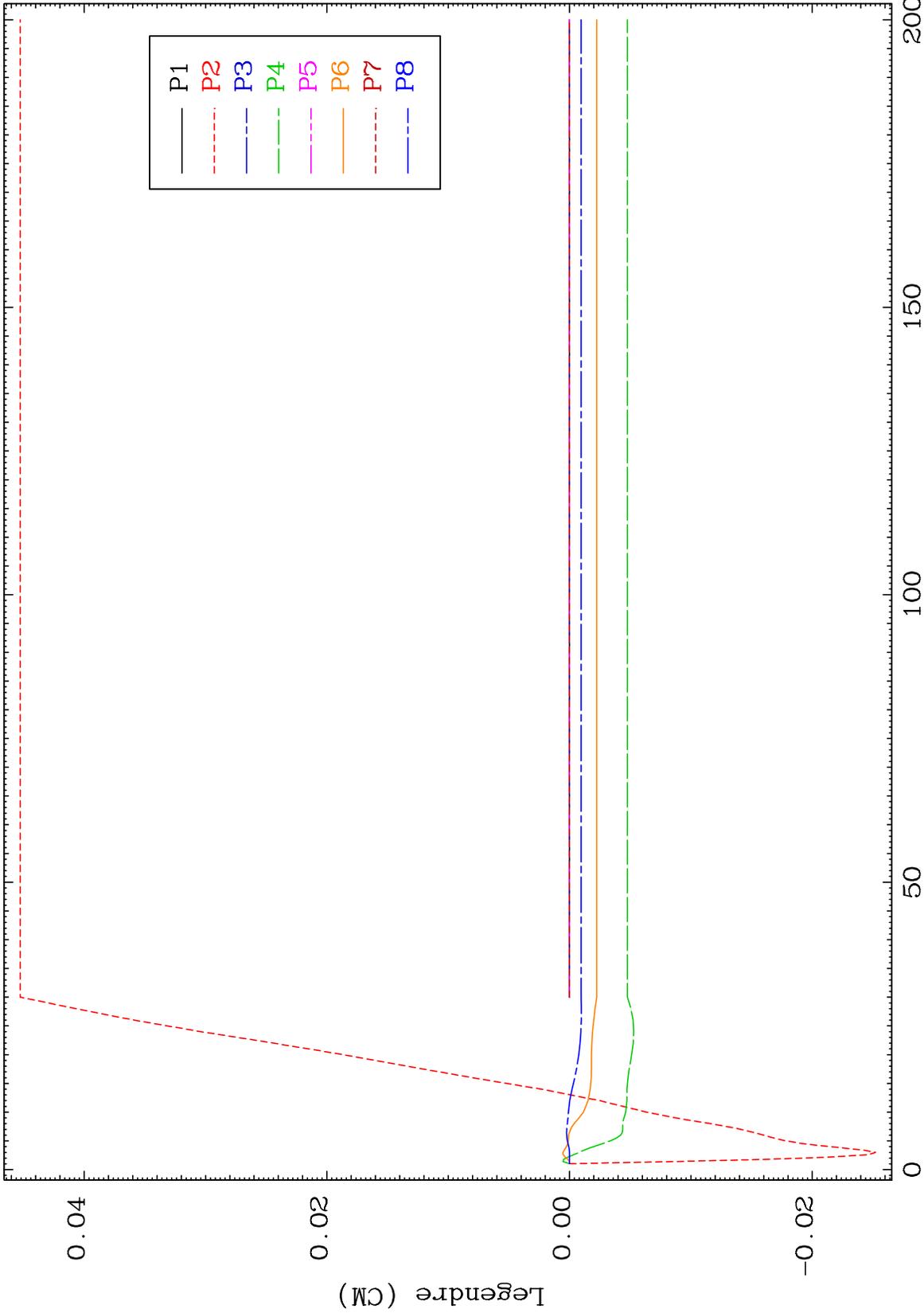


63 83-Bi-204

MAT 8310

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

83-Bi-204



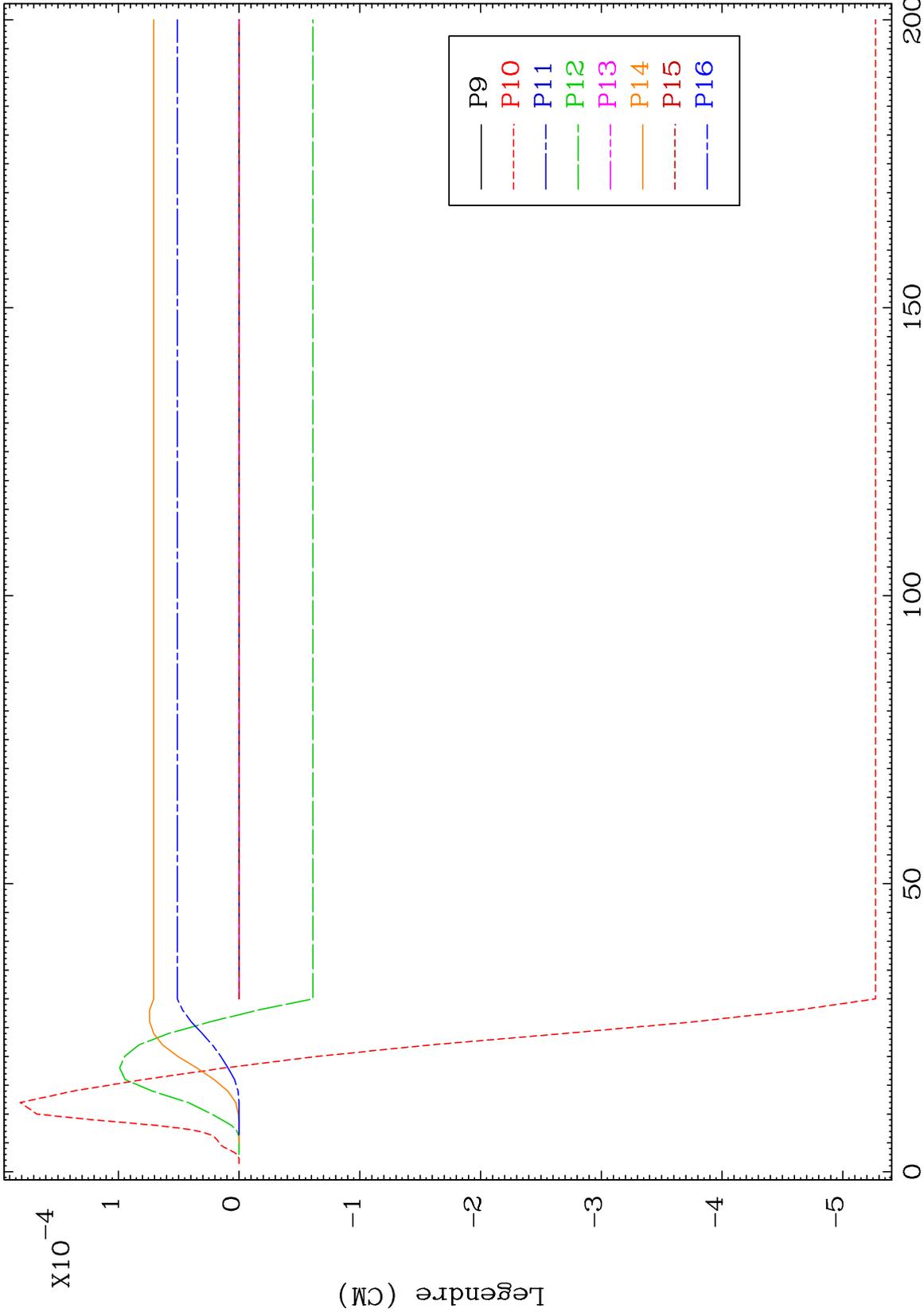
64

83-Bi-204

MAT 8310

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

83-Bi-204



65

Incident Energy (MeV)

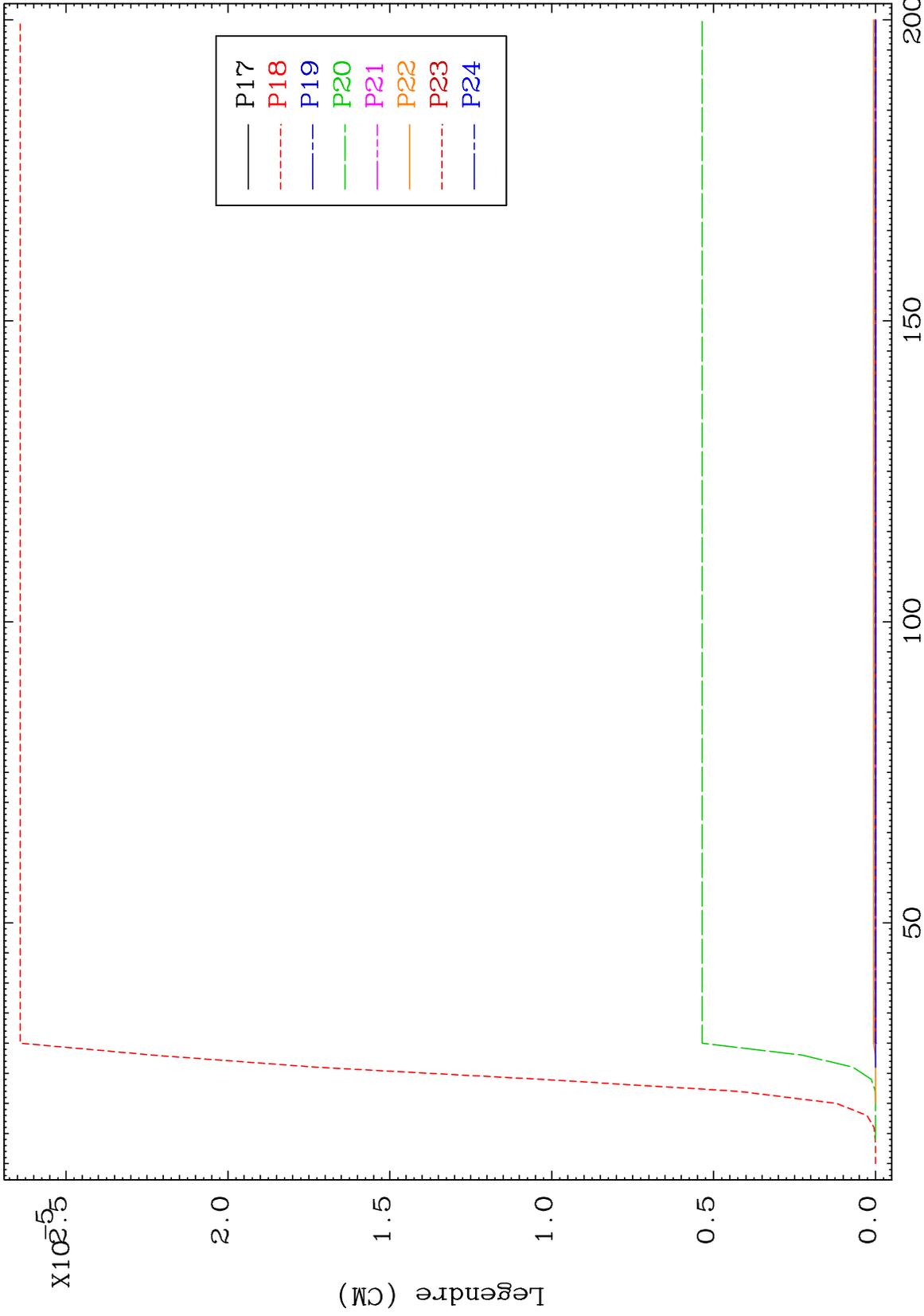
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MAT 8310

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

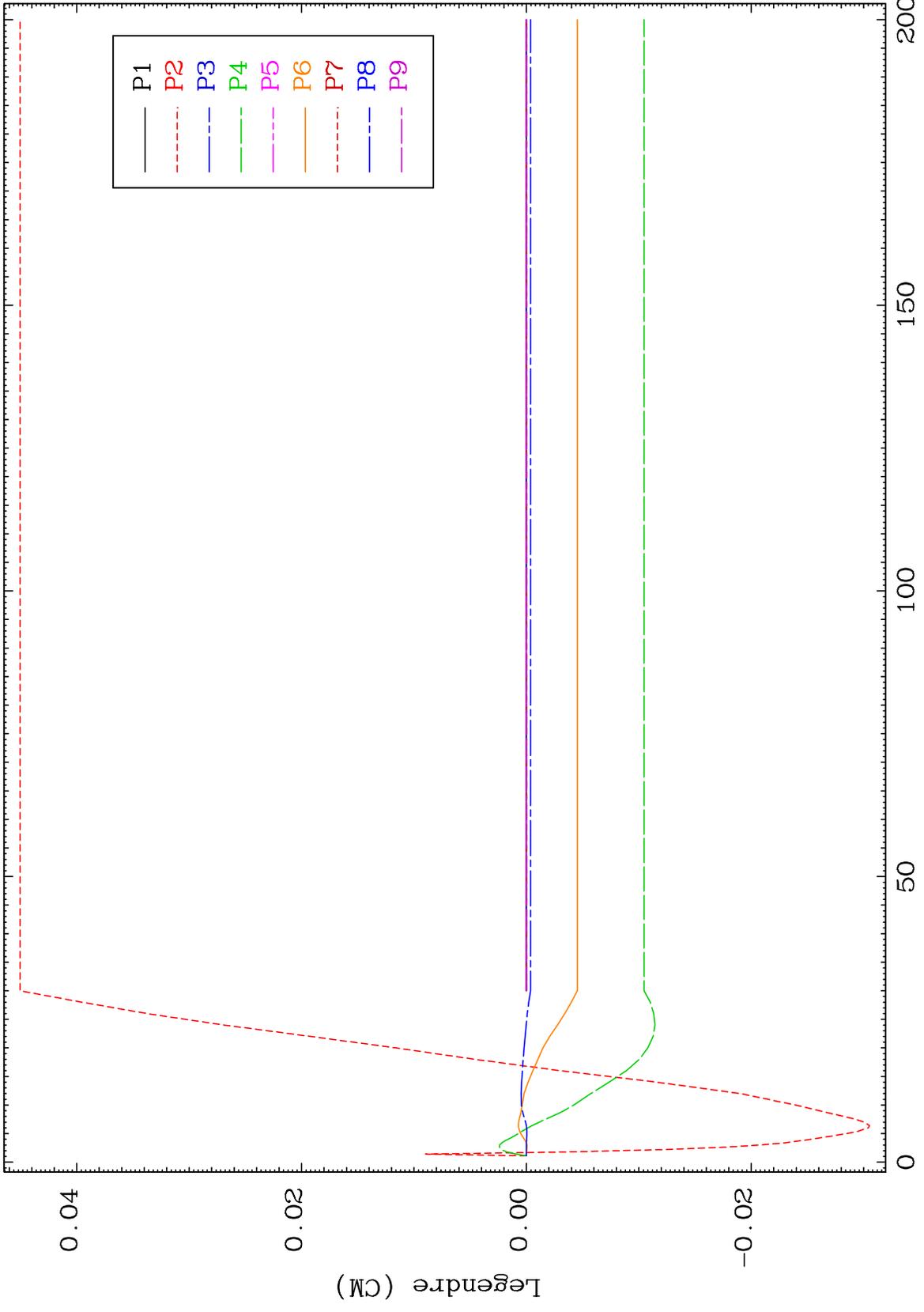
83-Bi-204

83-Bi-204



66

MAT 8310 MT= 65 (n,n') Level Legendre Coefficients 83-Bi-204

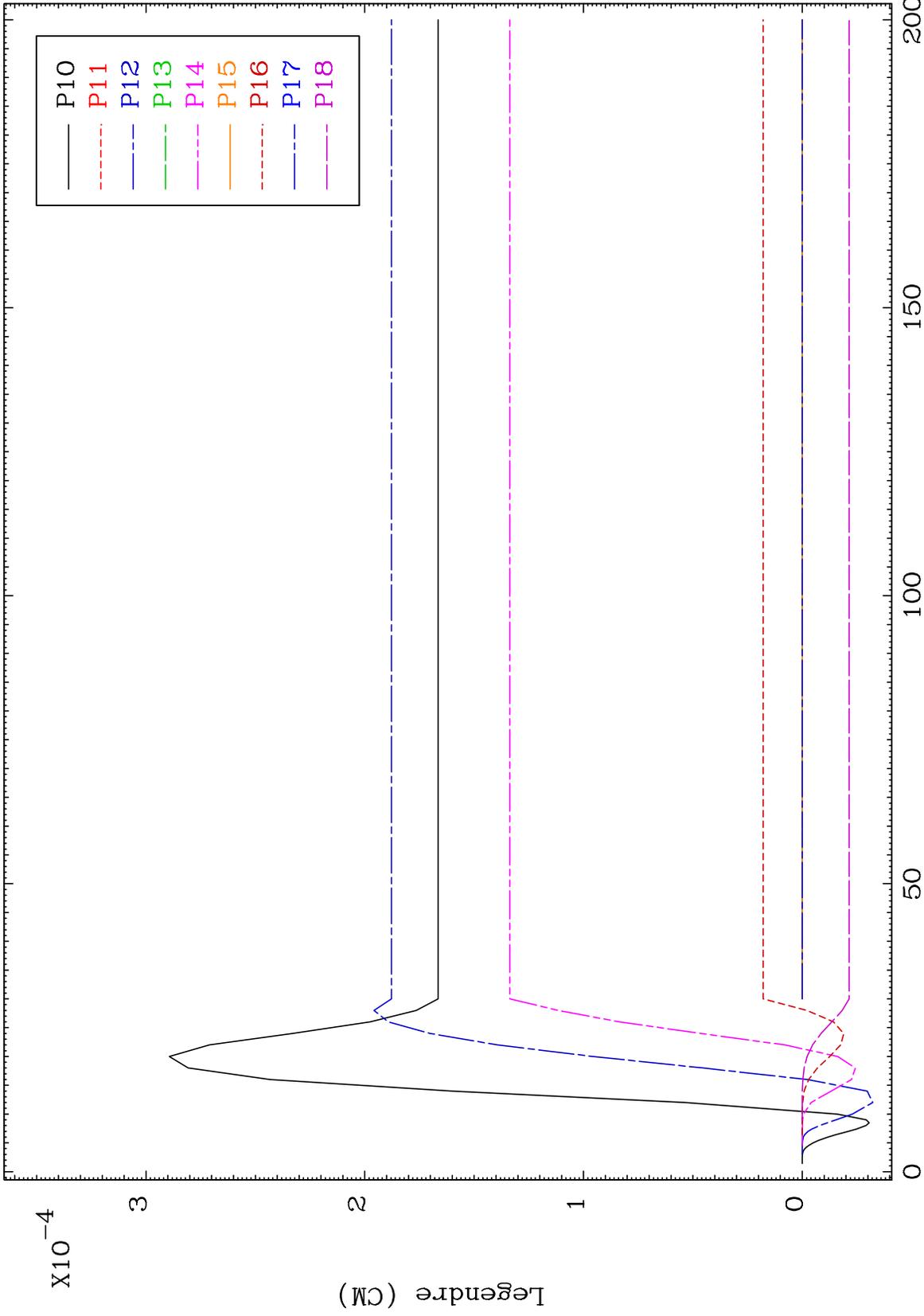


67 83-Bi-204

MAT 8310

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

83-Bi-204

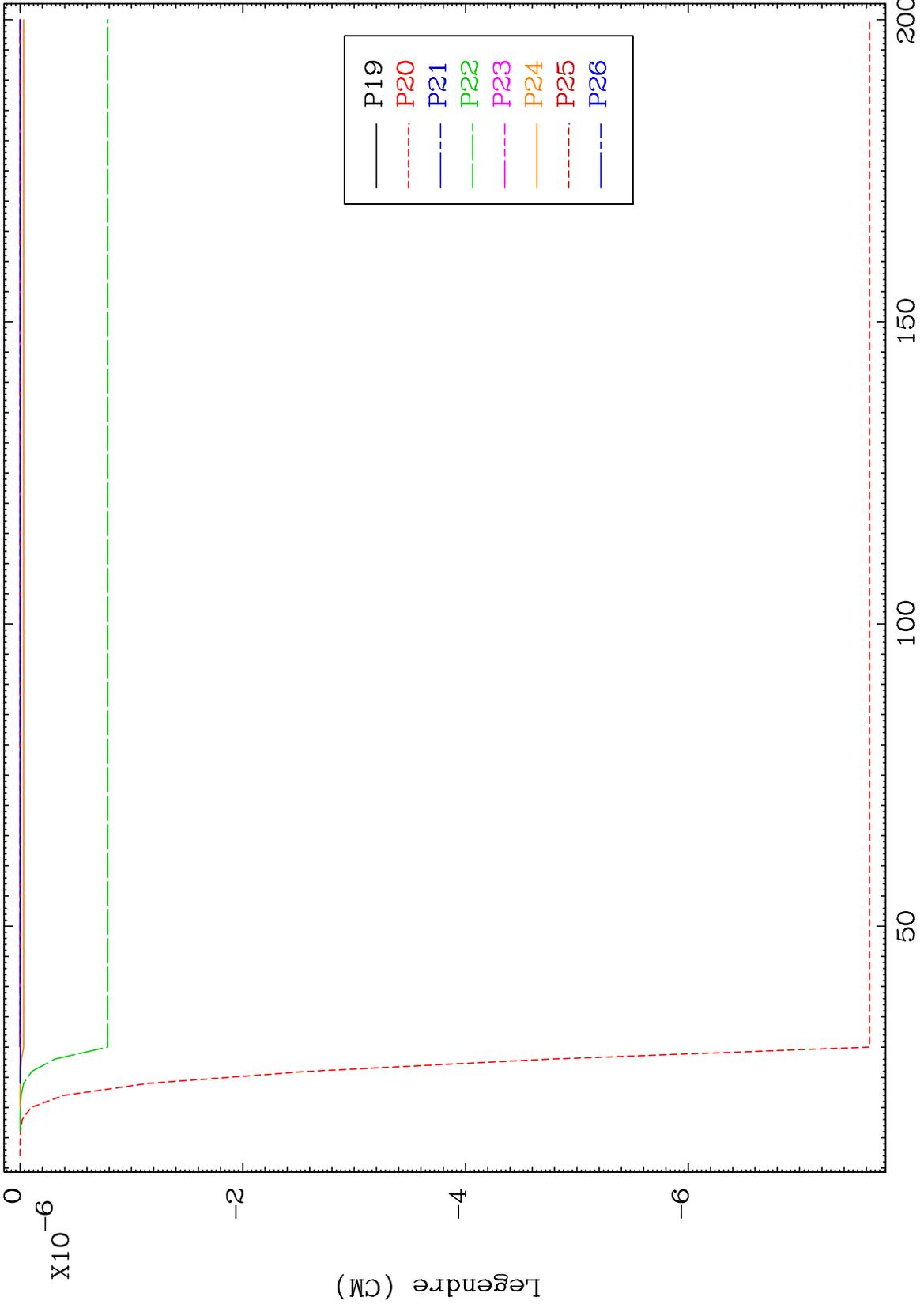


68

Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 65 (n,n') Level Legendre Coefficients 83-Bi-204

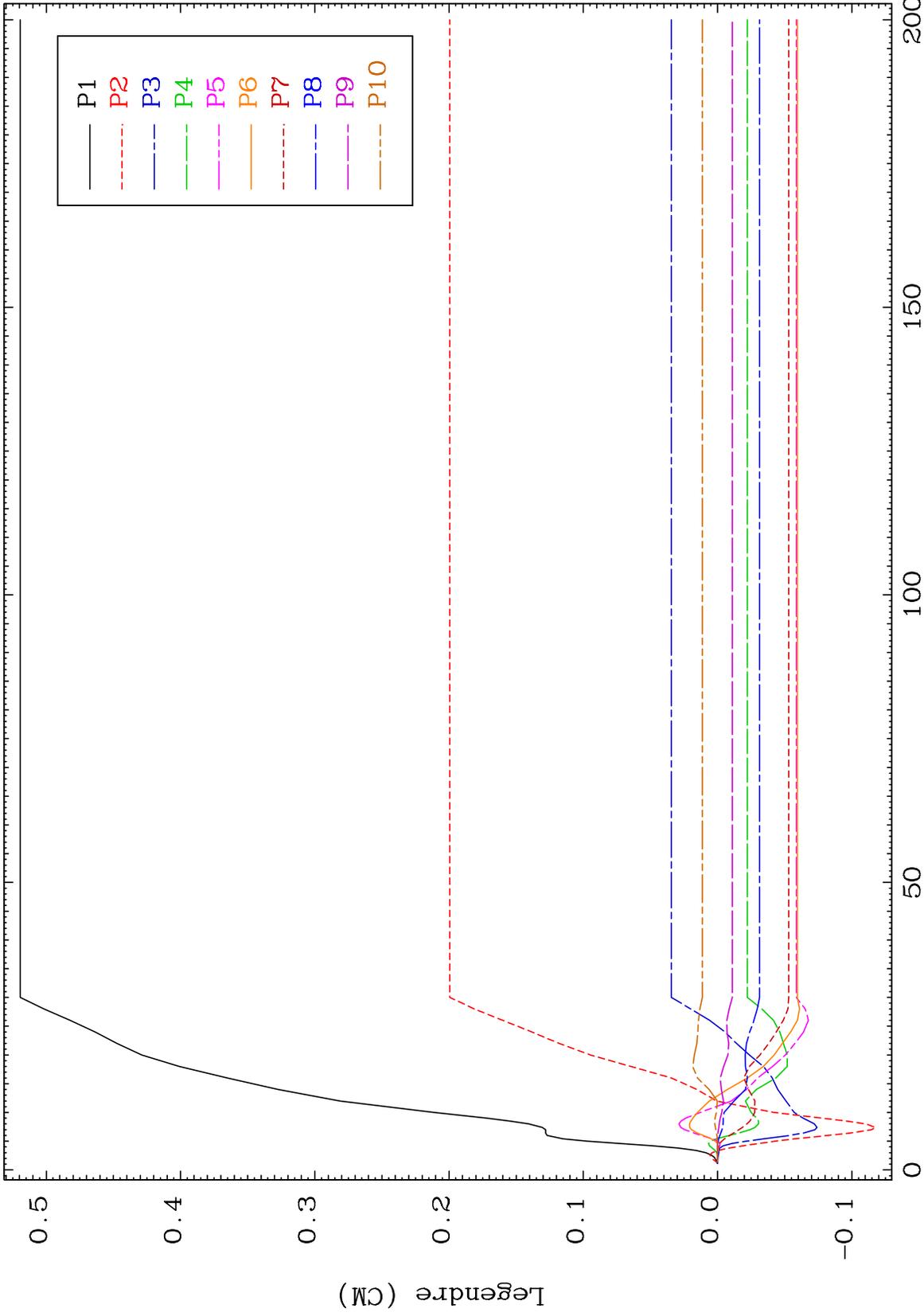


69 83-Bi-204

MAT 8310

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

83-Bi-204

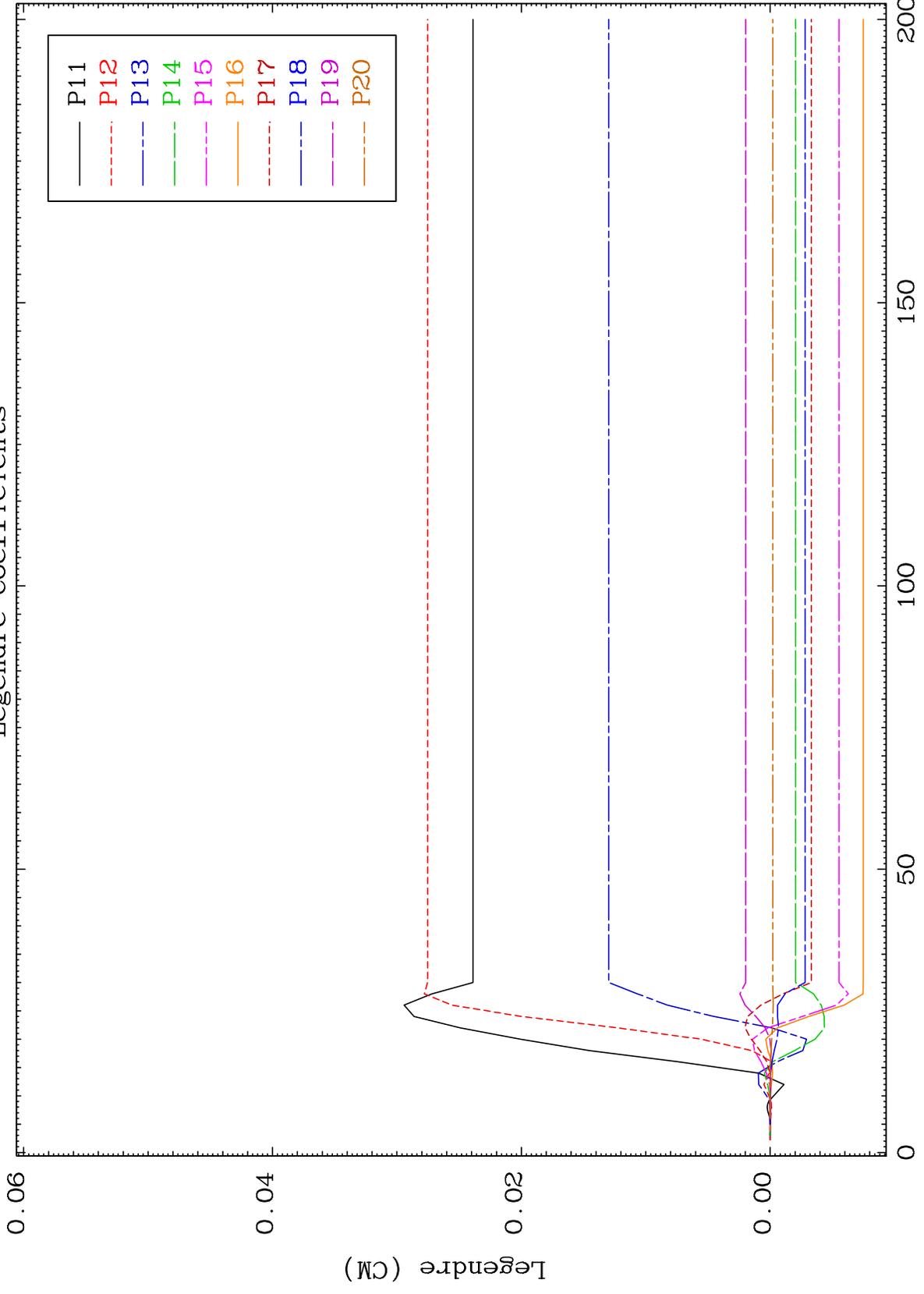


70

Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 66 (n,n') Level Legendre Coefficients 83-Bi-204



83-Bi-204

Incident Energy (MeV)

MAT 8310

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

83-Bi-204



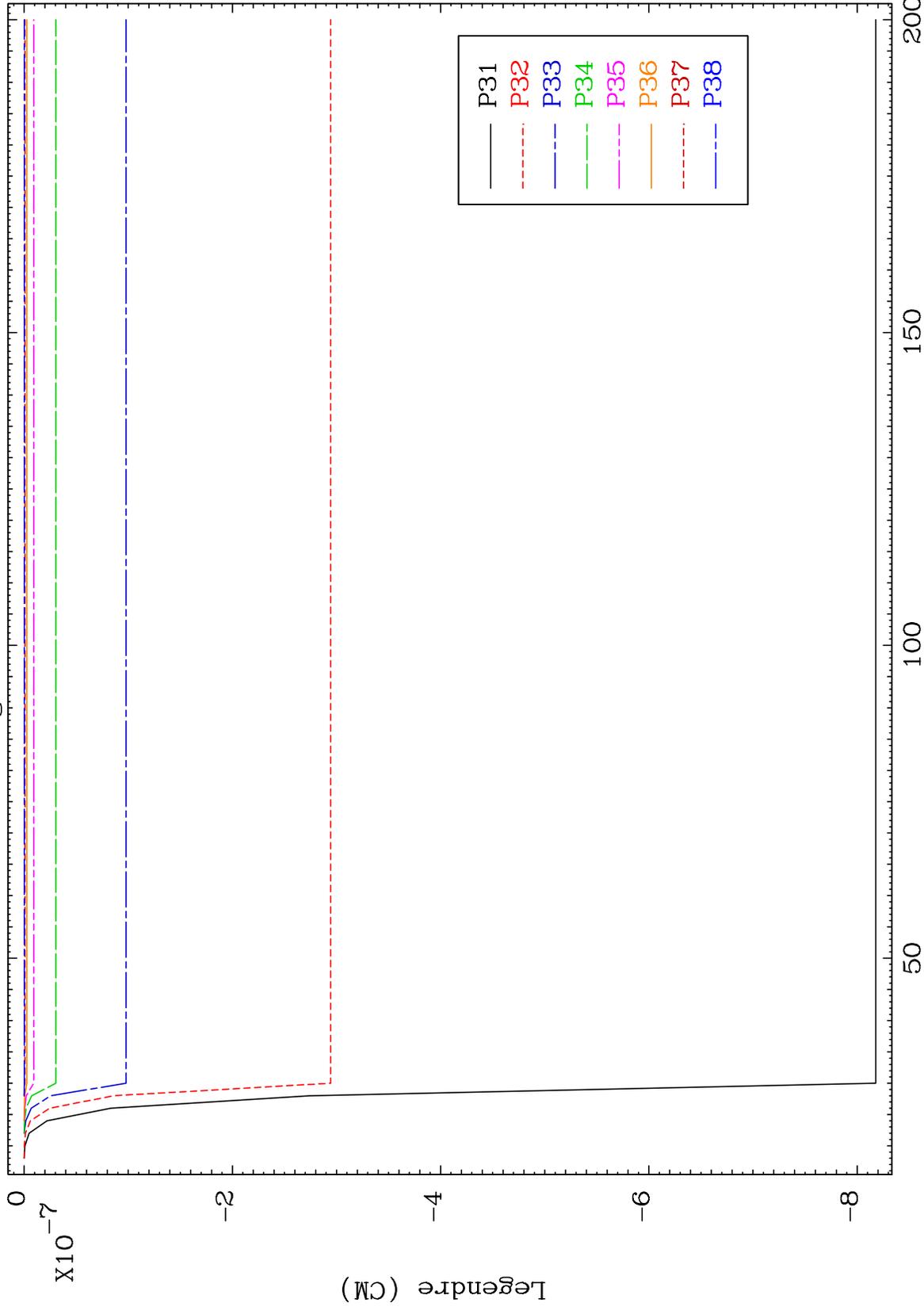
72

83-Bi-204

MAT 8310

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

83-Bi-204



83-Bi-204

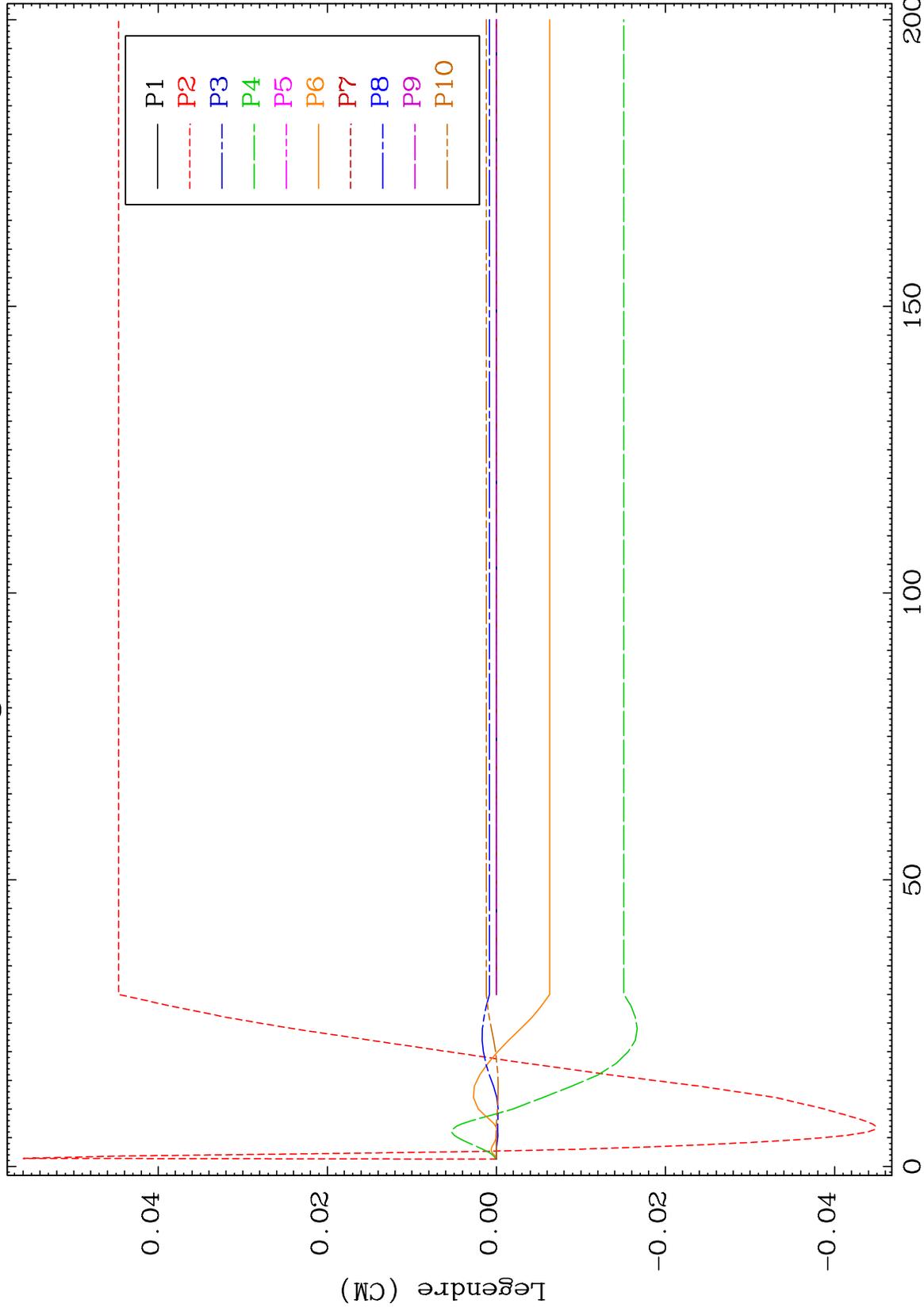
Incident Energy (MeV)

73

MAT 8310

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

83-Bi-204

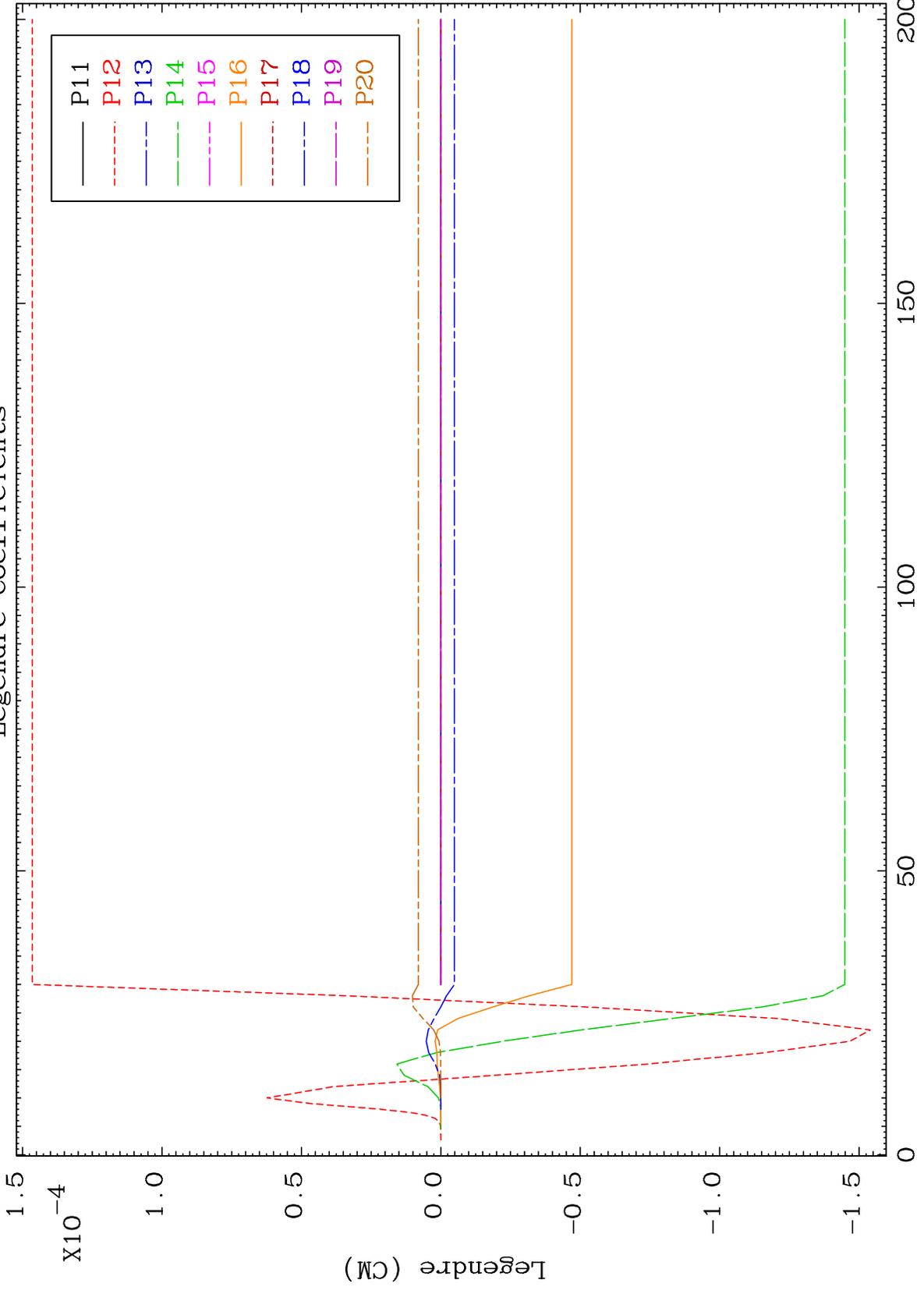


74

Incident Energy (MeV)

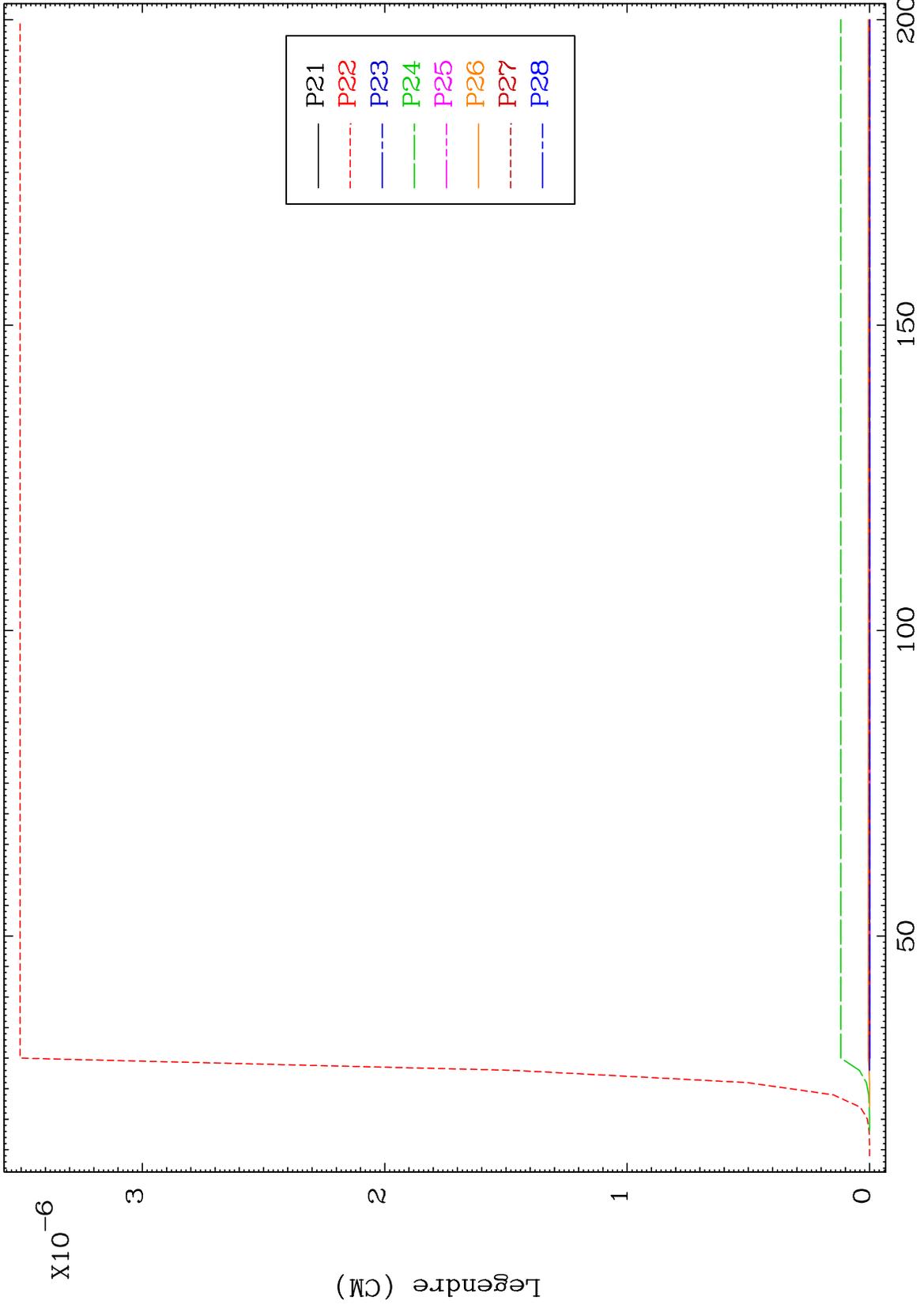
83-Bi-204

MAT 8310 MT= 67 (n,n') Level Legendre Coefficients 83-Bi-204



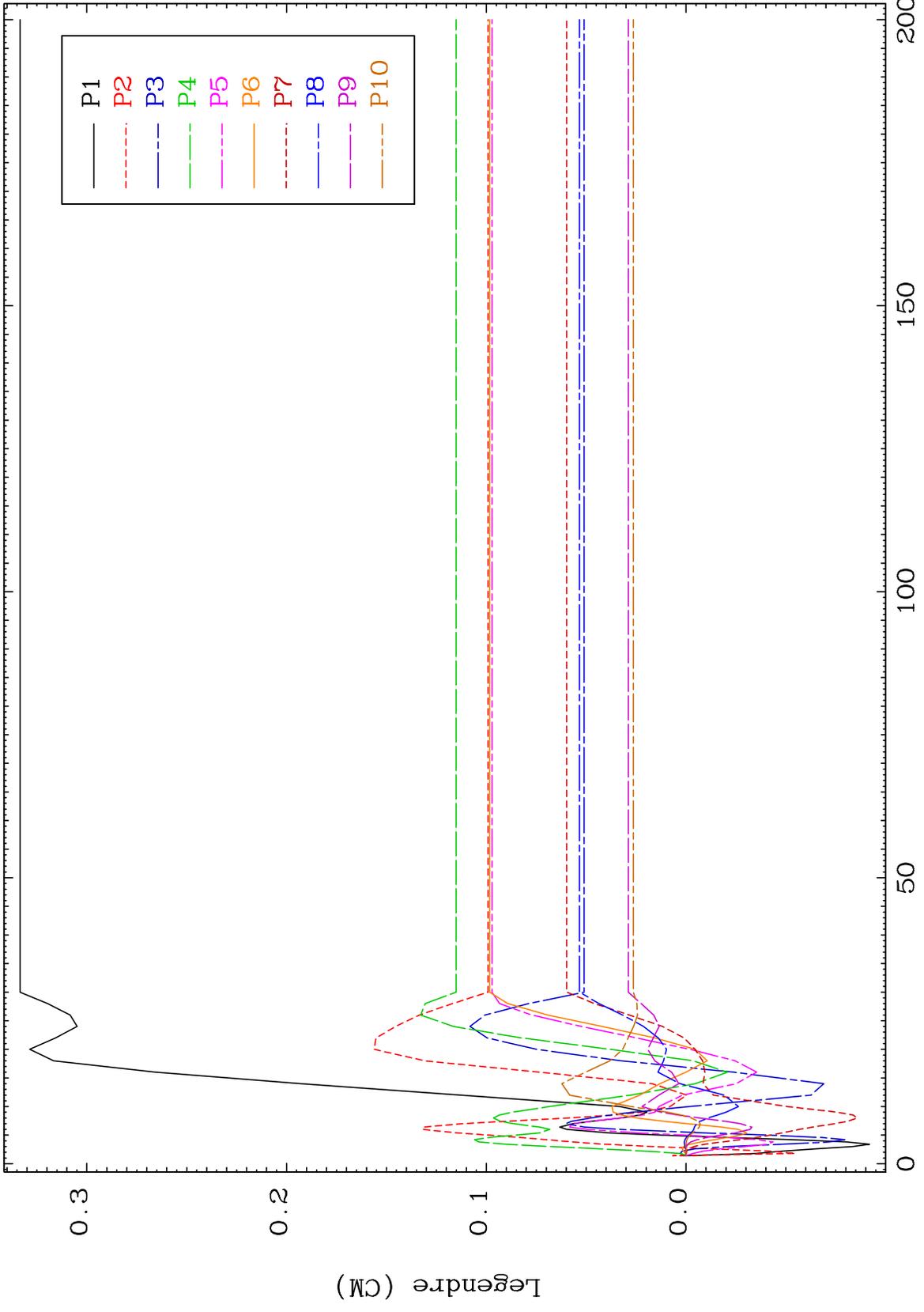
75 Incident Energy (MeV) 83-Bi-204

MAT 8310 MT= 67 (n,n') Level Legendre Coefficients 83-Bi-204



76 83-Bi-204

MAT 8310 MT= 68 (n,n') Level Legendre Coefficients 83-Bi-204

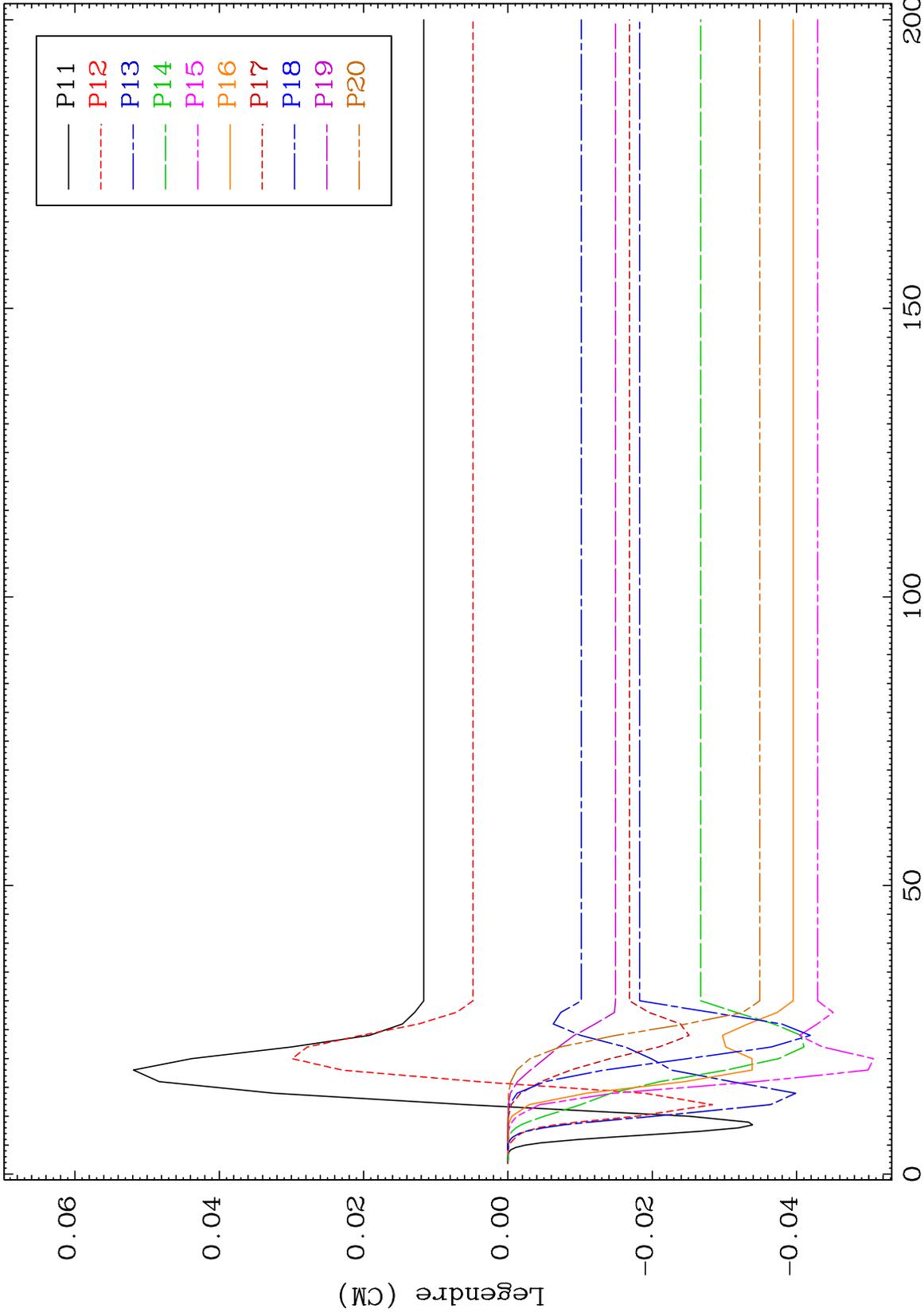


77 83-Bi-204

MAT 8310

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

83-Bi-204



78

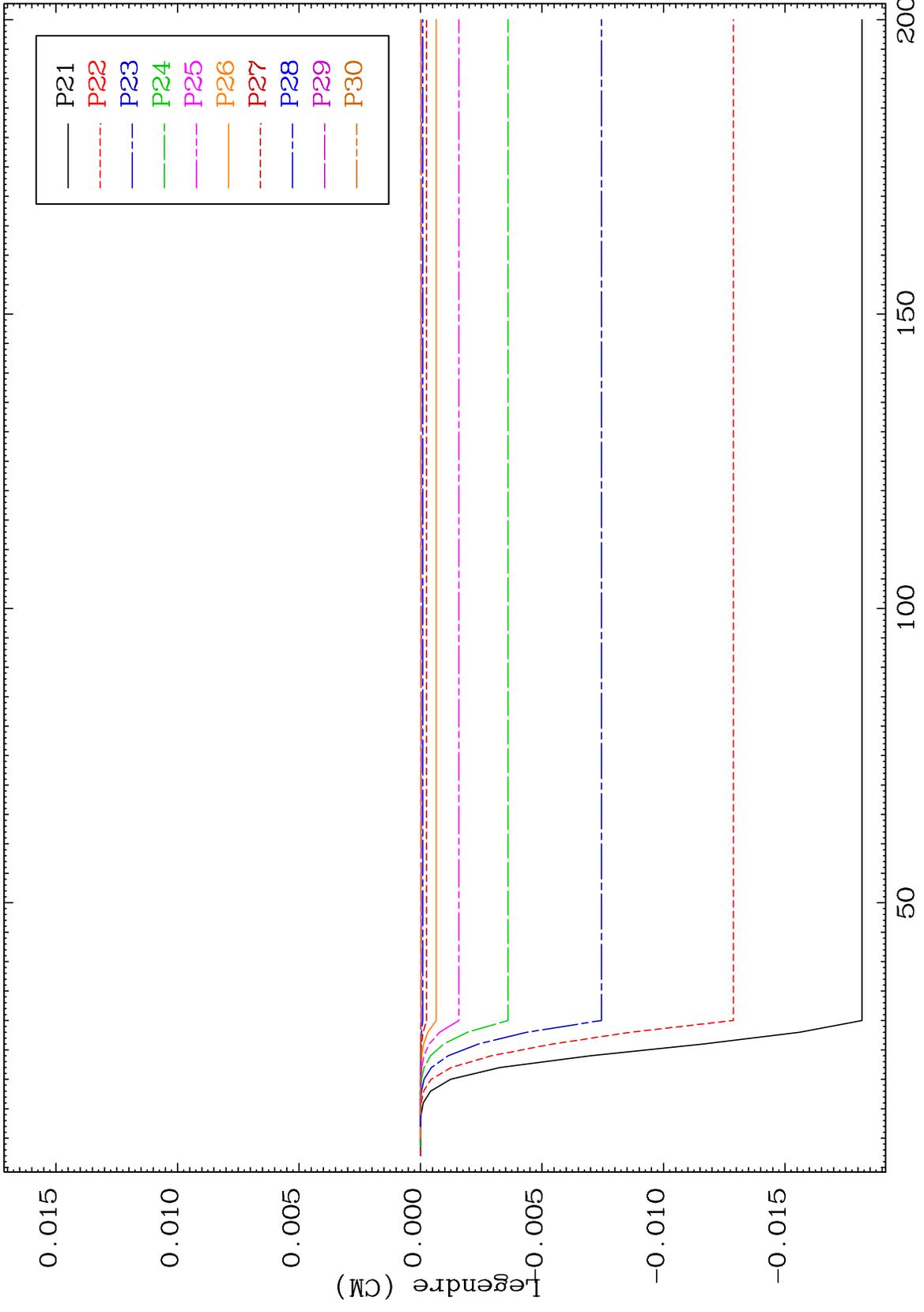
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204

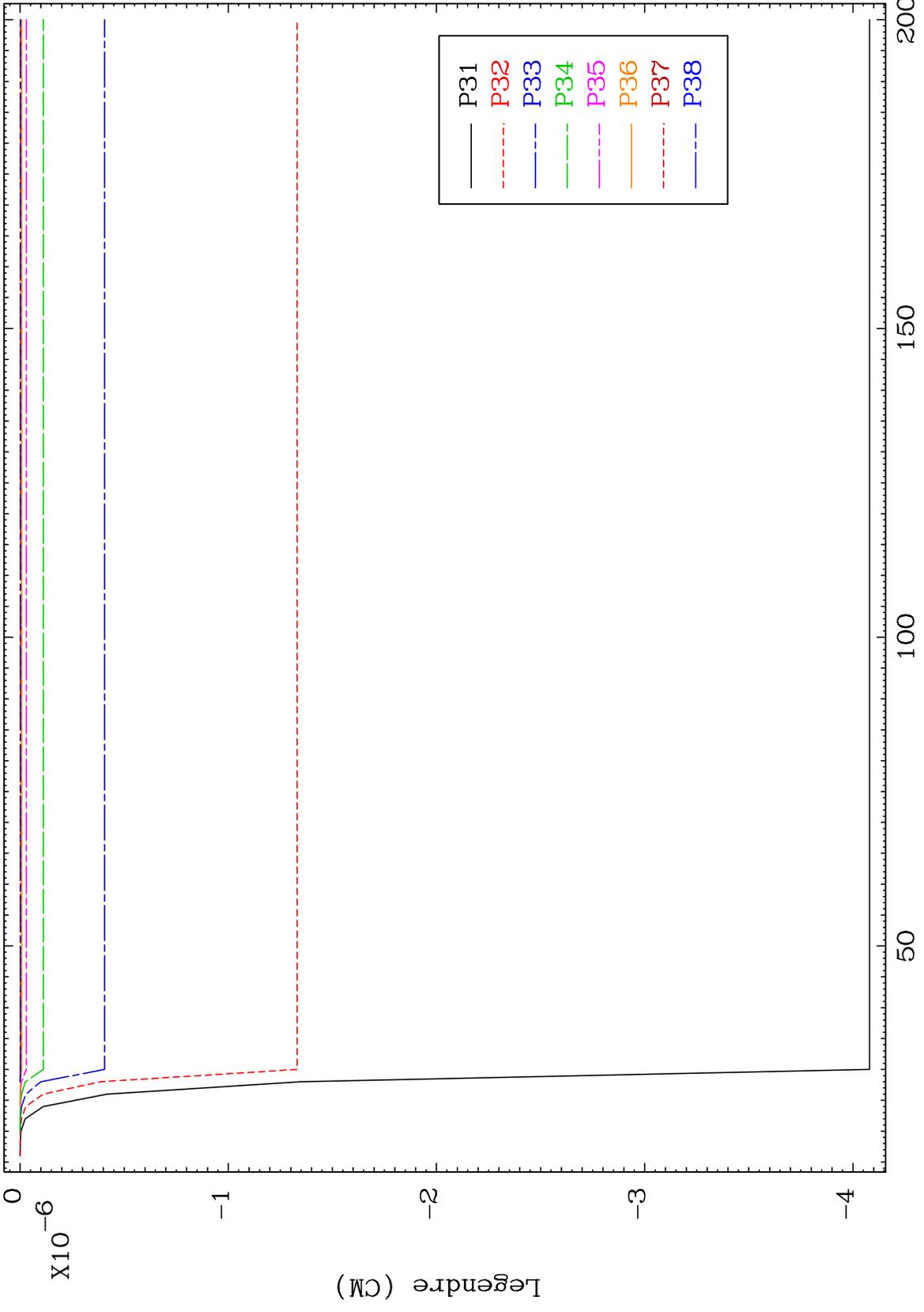


79

Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 68 (n,n') Level Legendre Coefficients 83-Bi-204

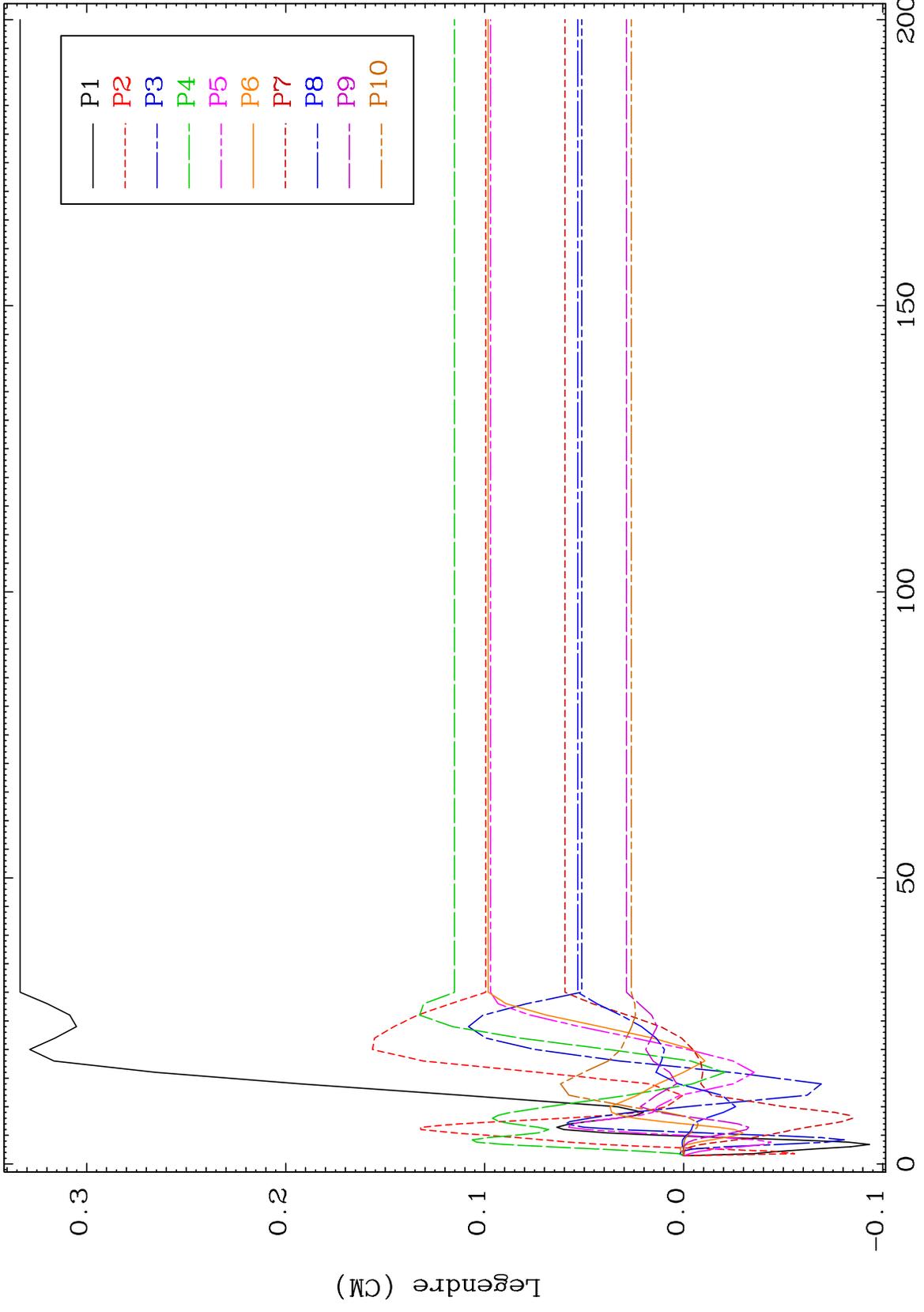


80 Incident Energy (MeV) 83-Bi-204

MAT 8310

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

83-Bi-204



81

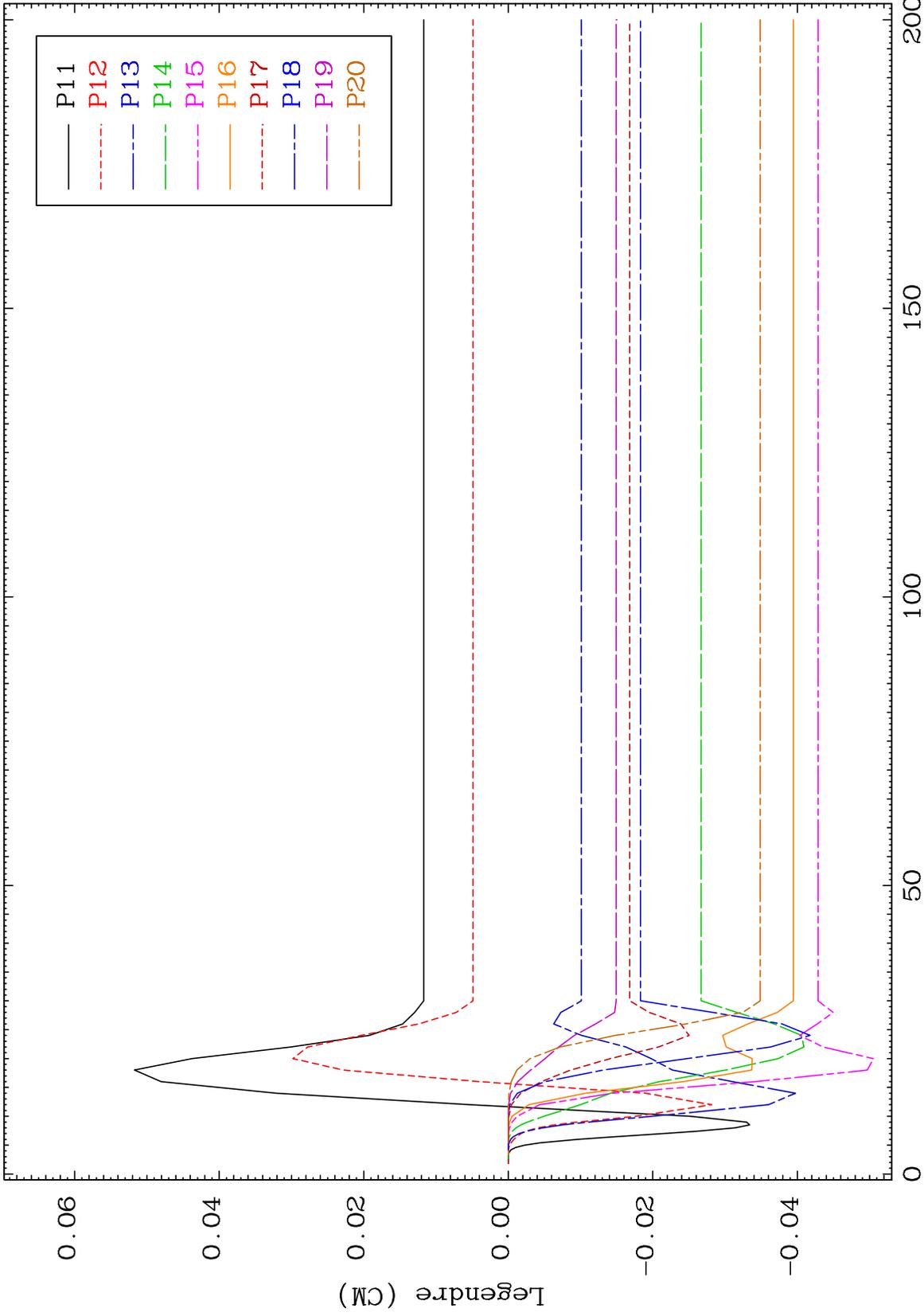
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



82

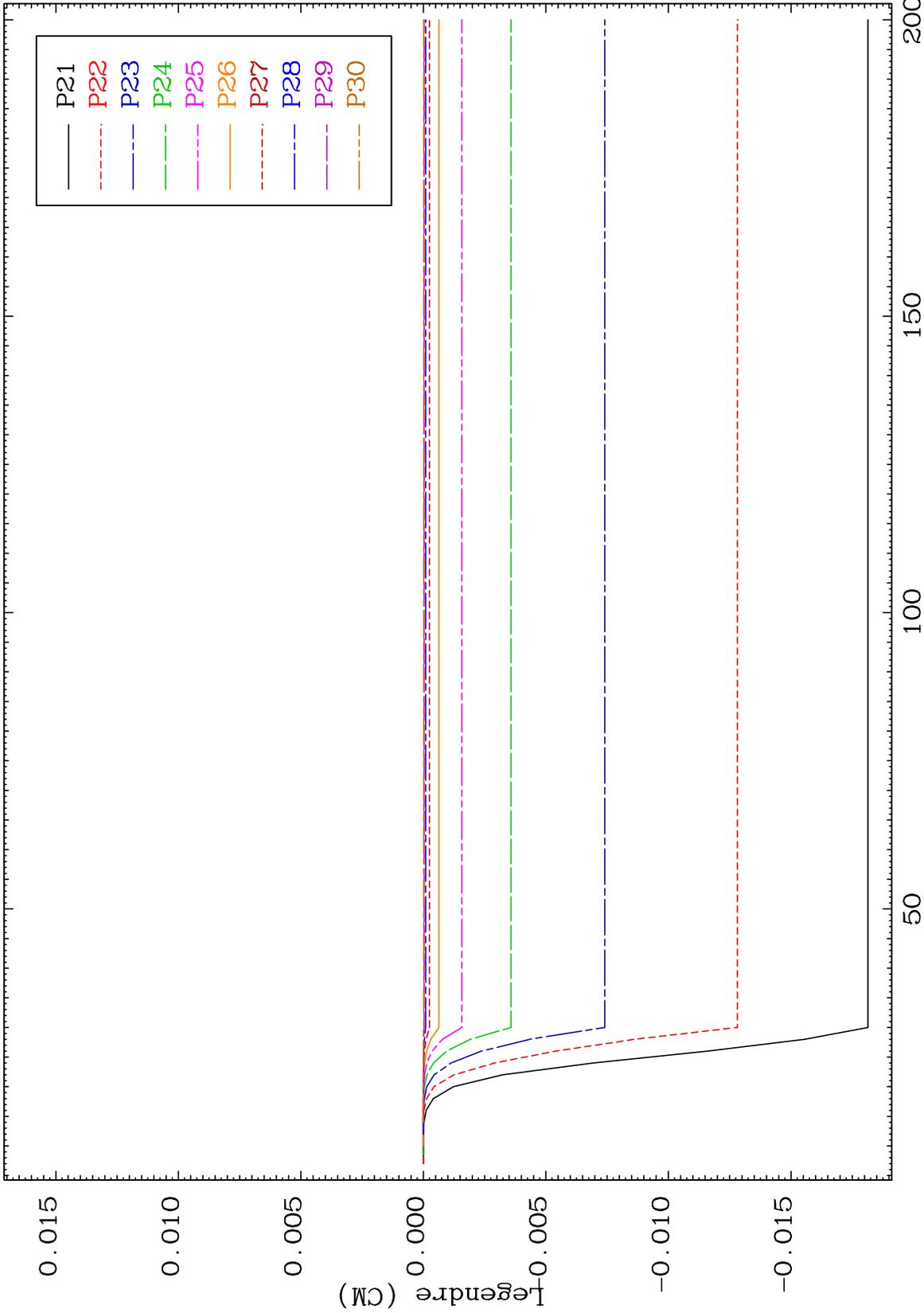
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



83

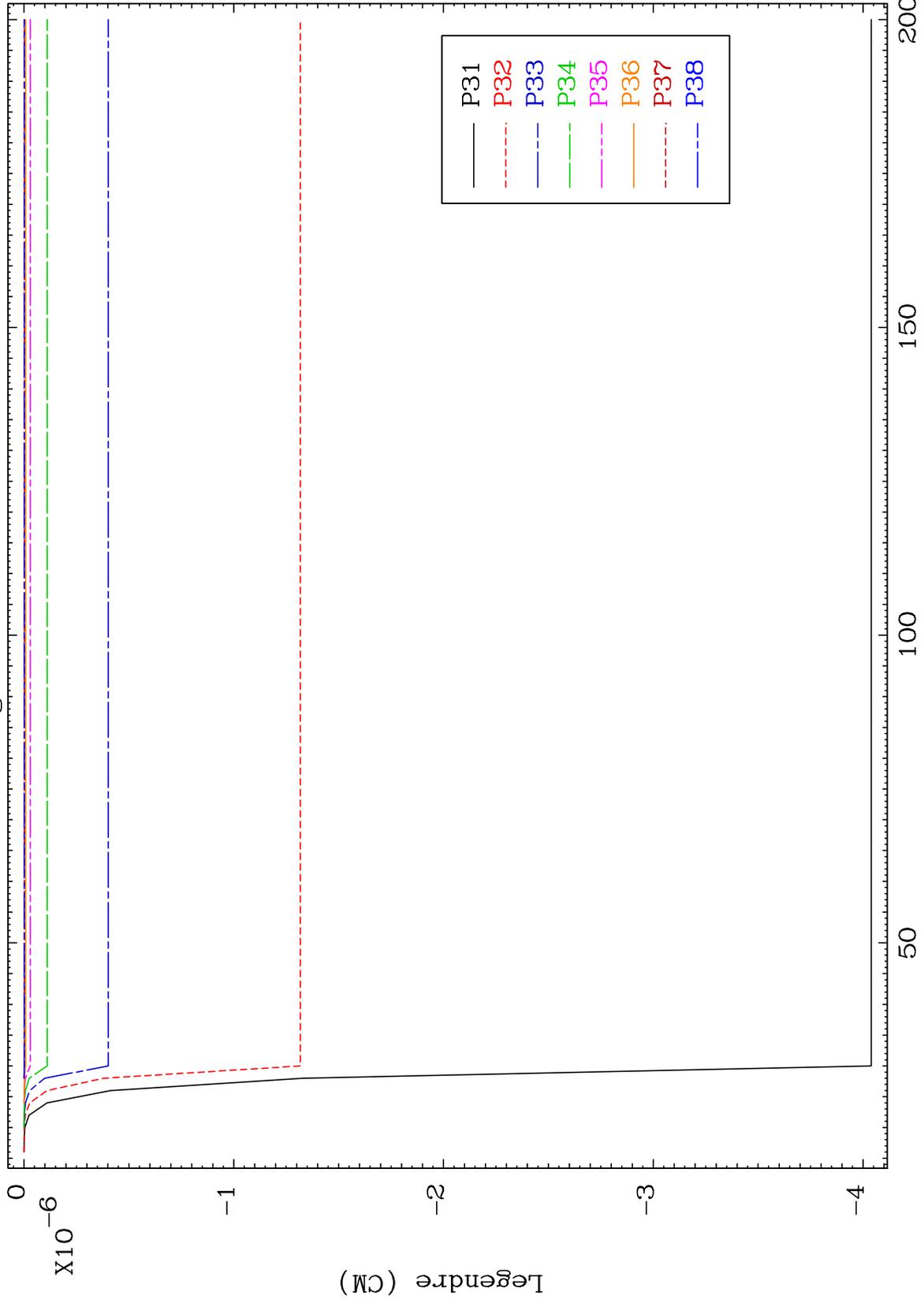
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



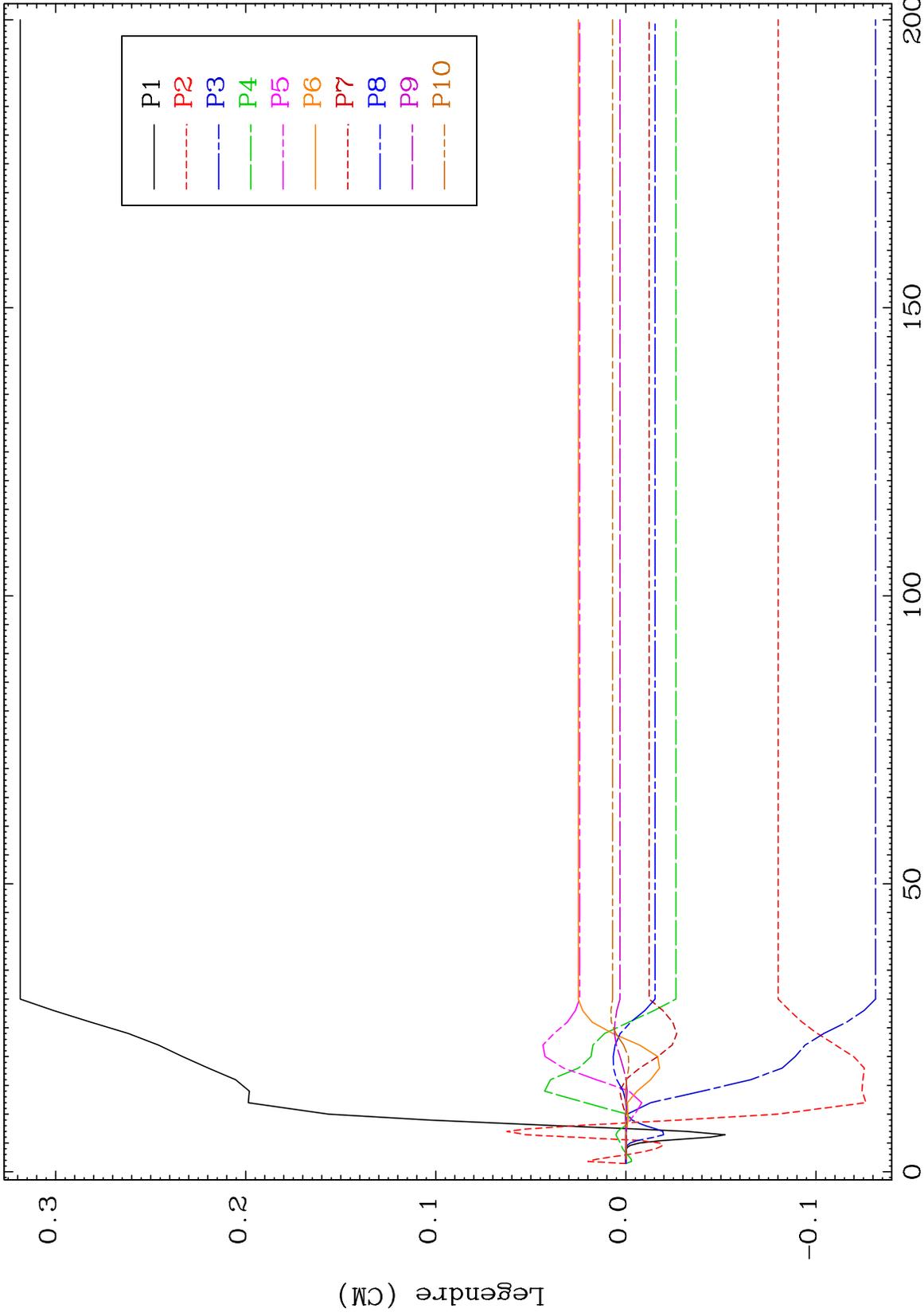
84

83-Bi-204

MAT 8310

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

83-Bi-204



85

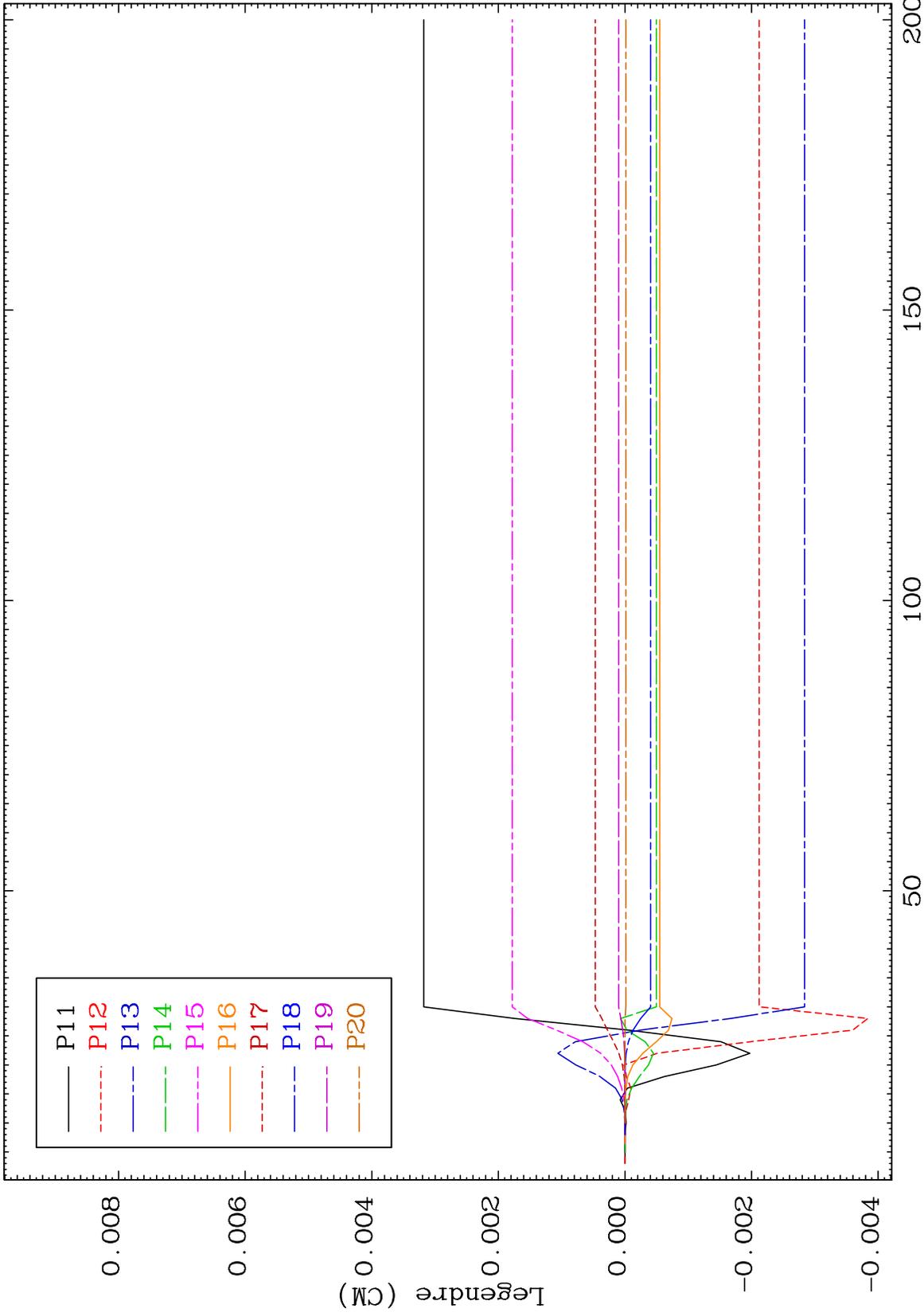
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



86

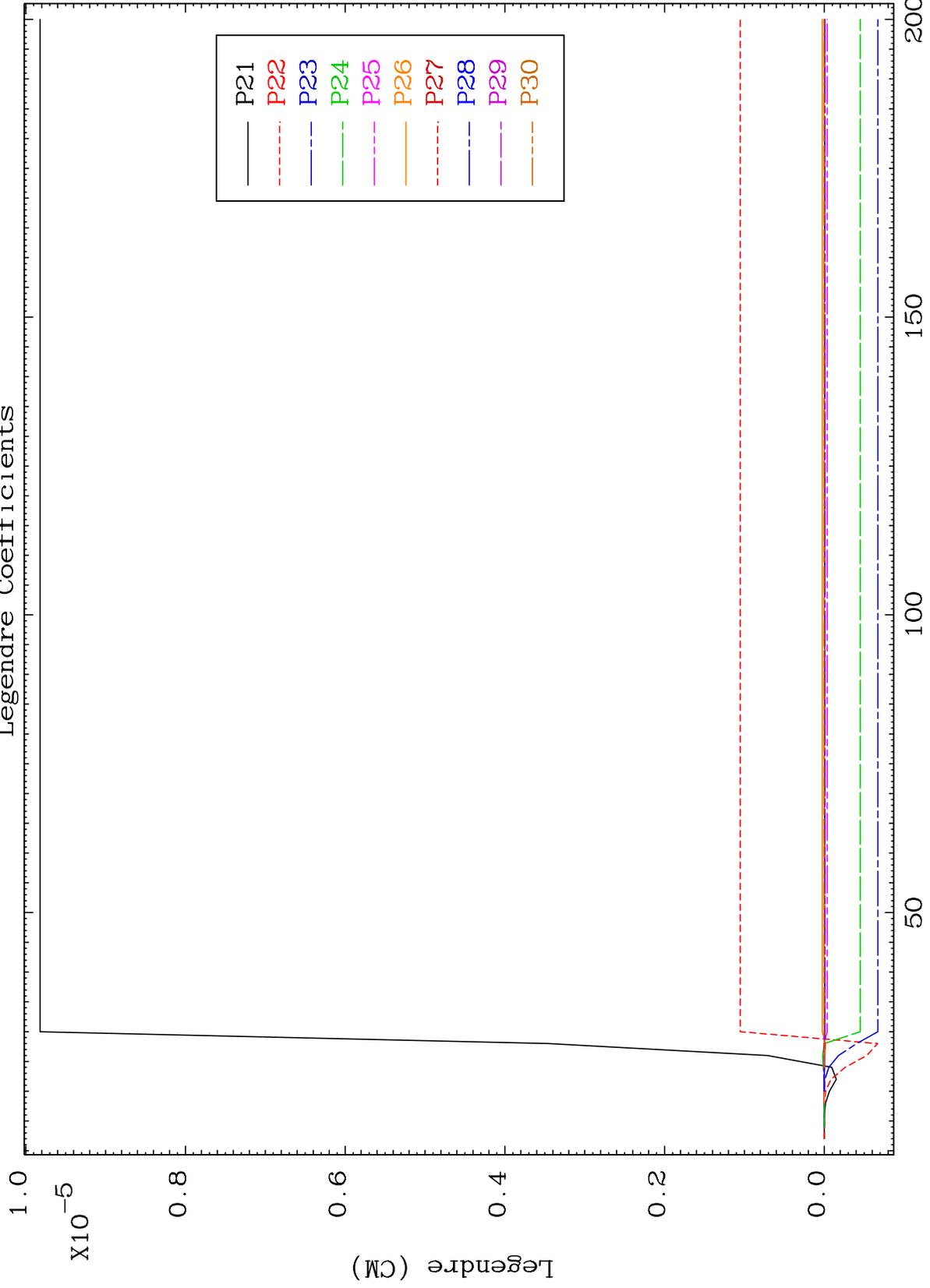
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



83-Bi-204

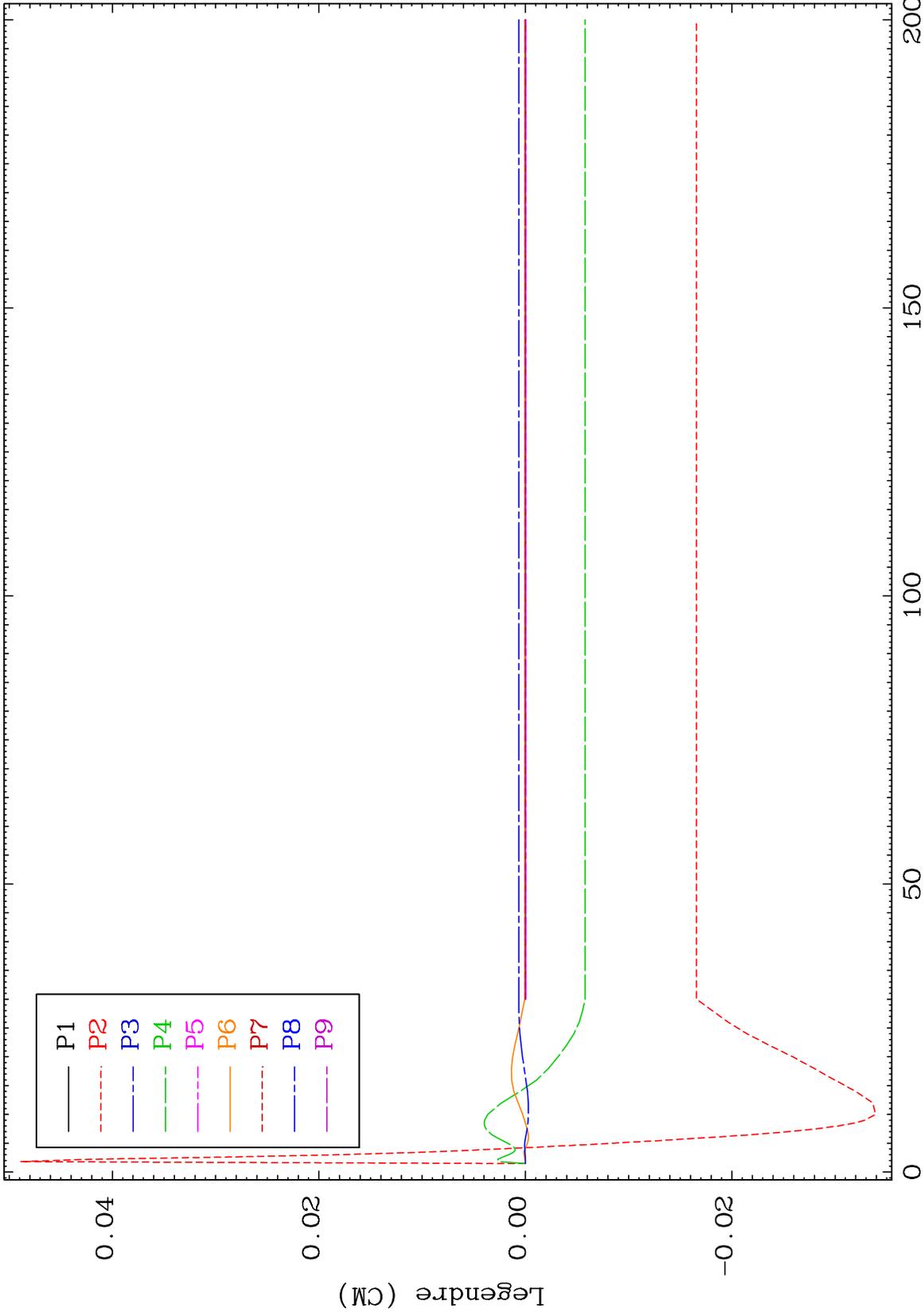
Incident Energy (MeV)

87

MAT 8310

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

83-Bi-204



88

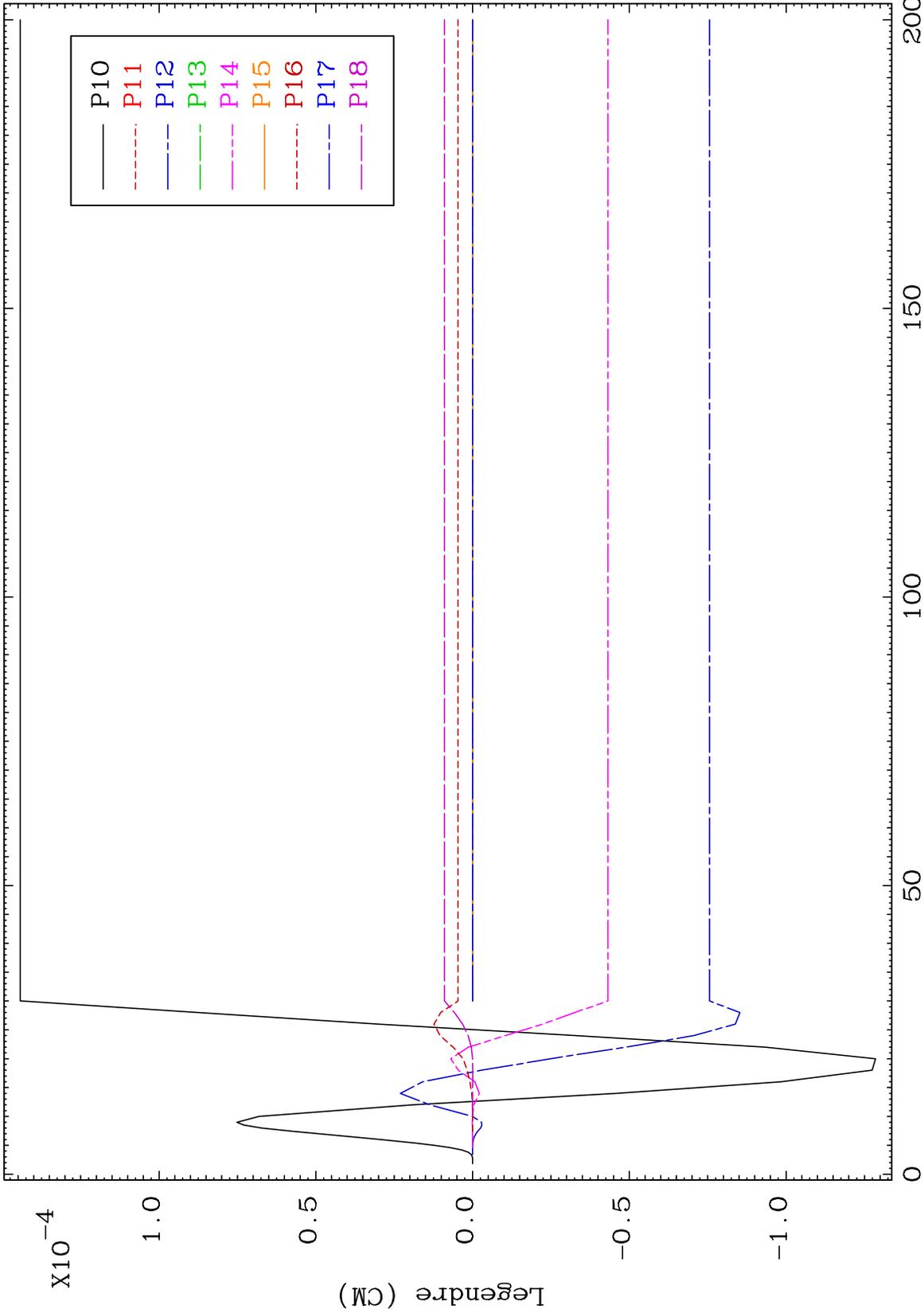
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204

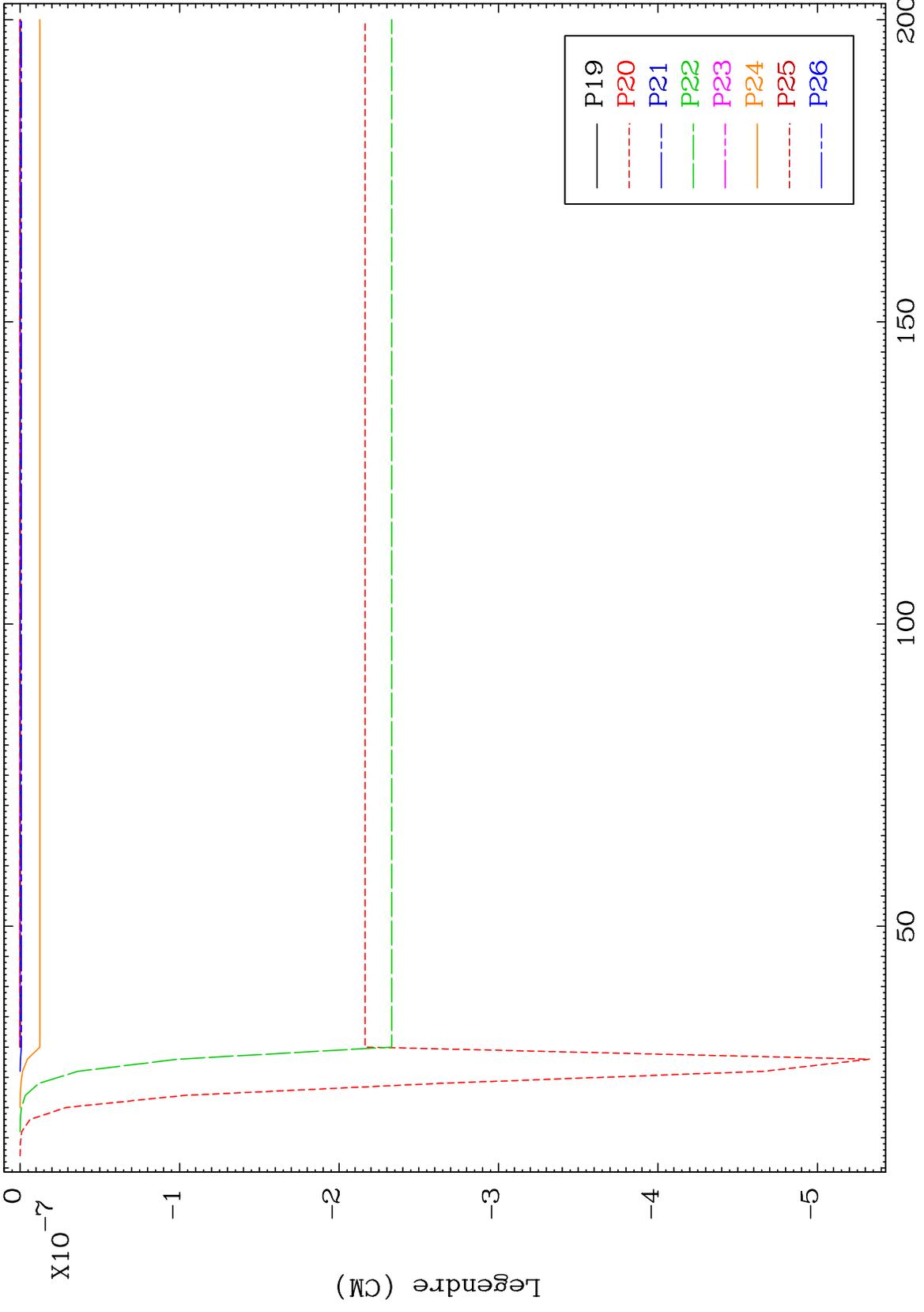


89

Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 71 (n,n') Level Legendre Coefficients 83-Bi-204

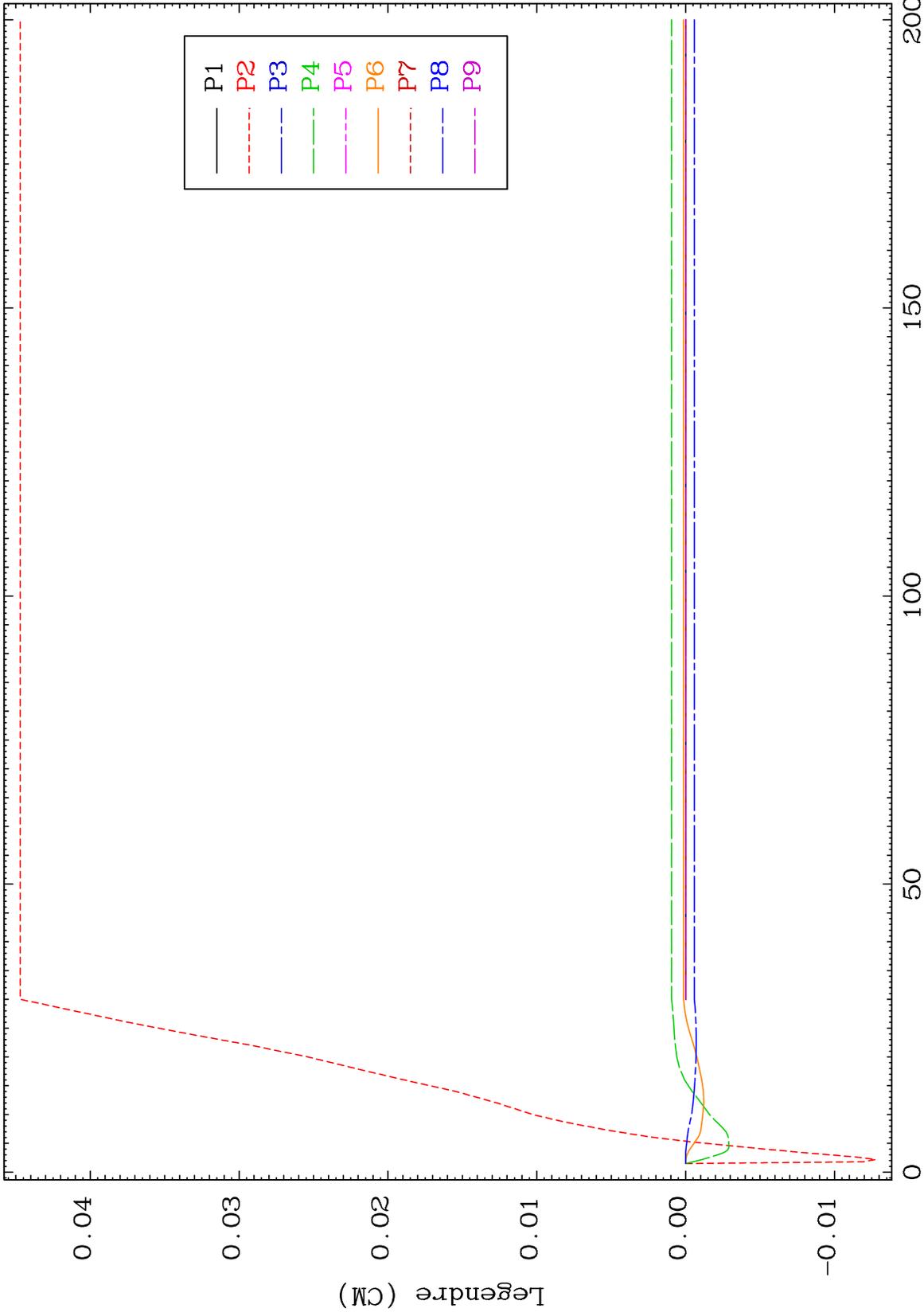


83-Bi-204

MAT 8310

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

83-Bi-204

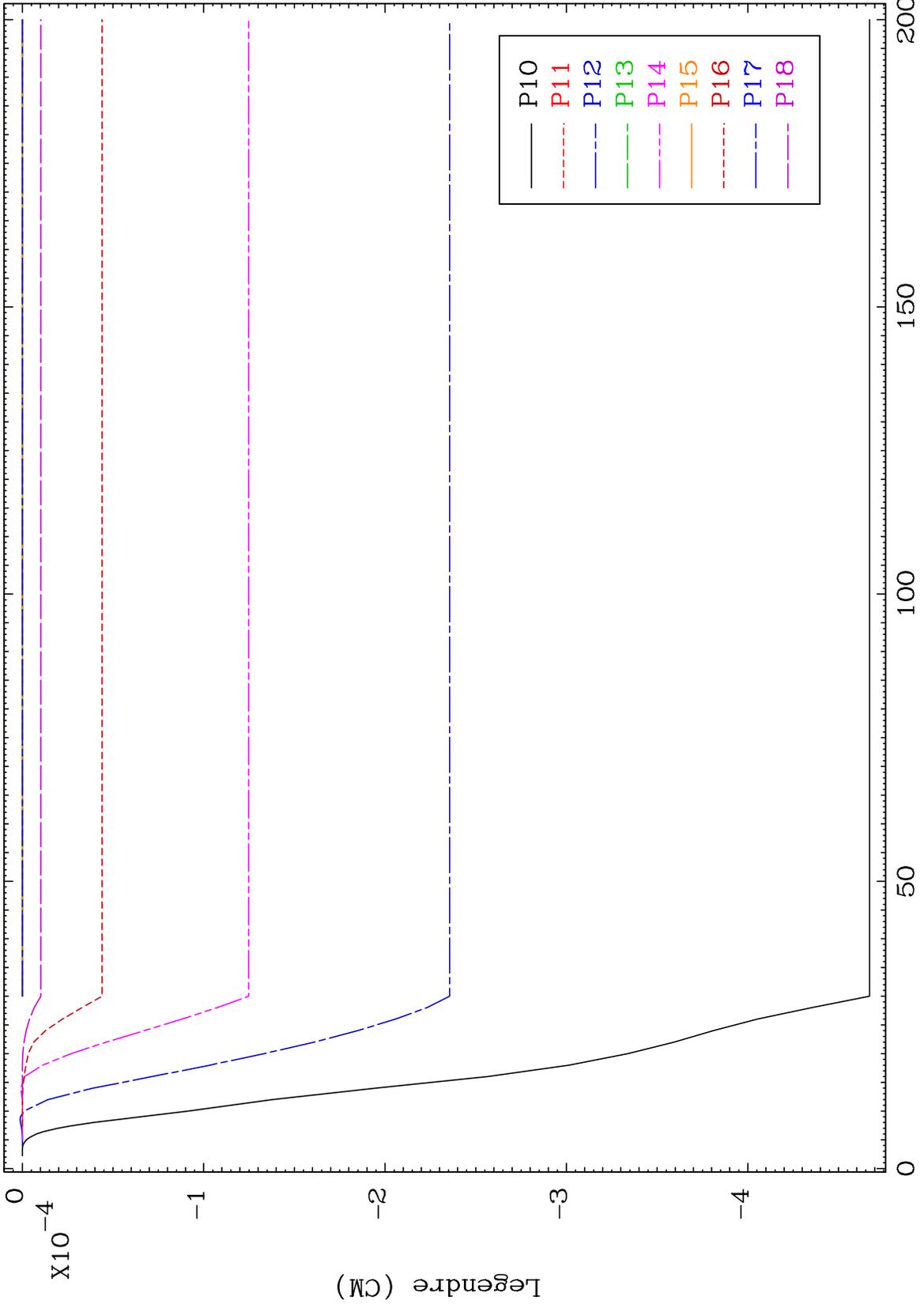


91

Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 72 (n,n') Level Legendre Coefficients 83-Bi-204

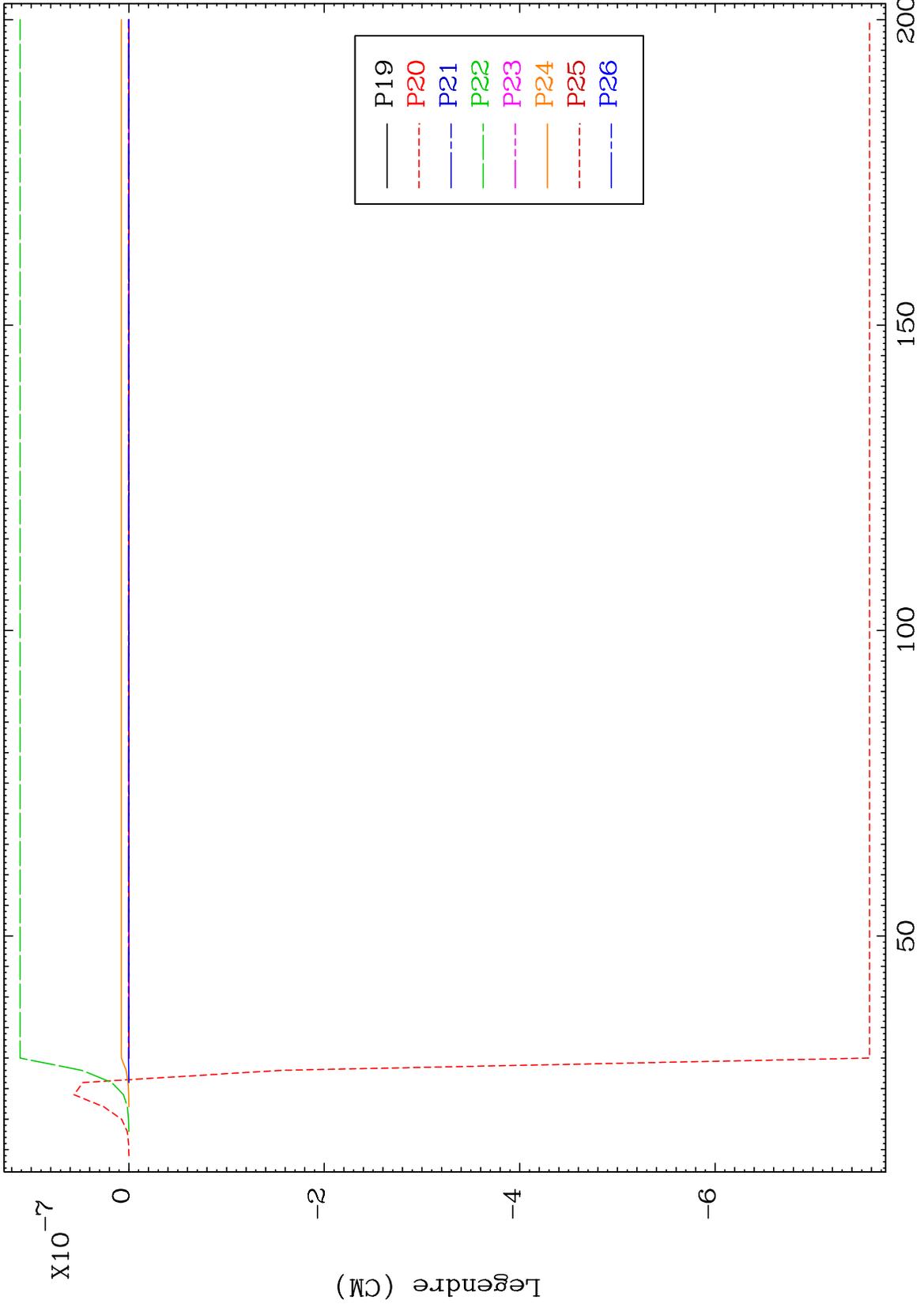


92 83-Bi-204

MAT 8310

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

83-Bi-204

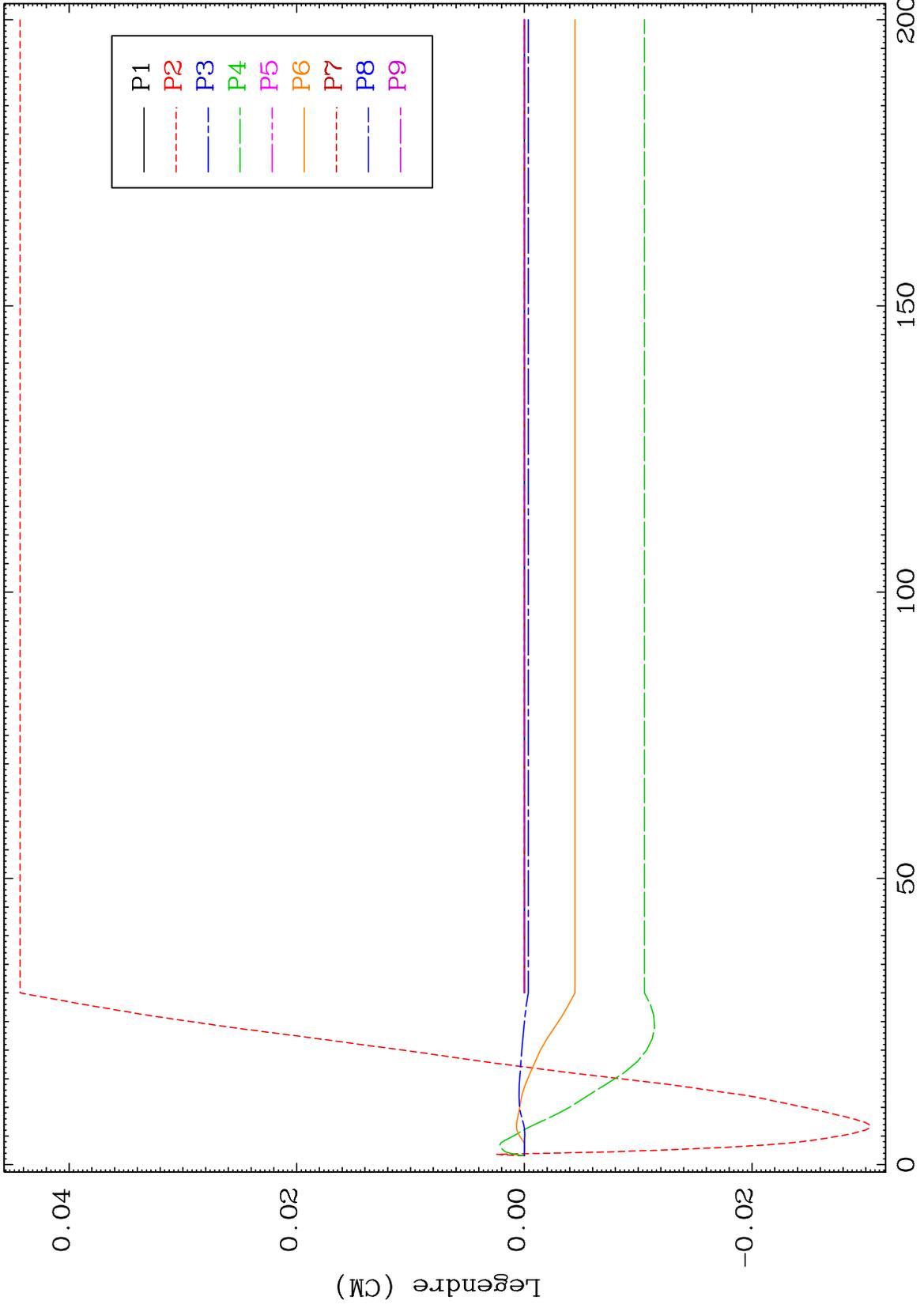


93

Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 73 (n,n') Level Legendre Coefficients 83-Bi-204

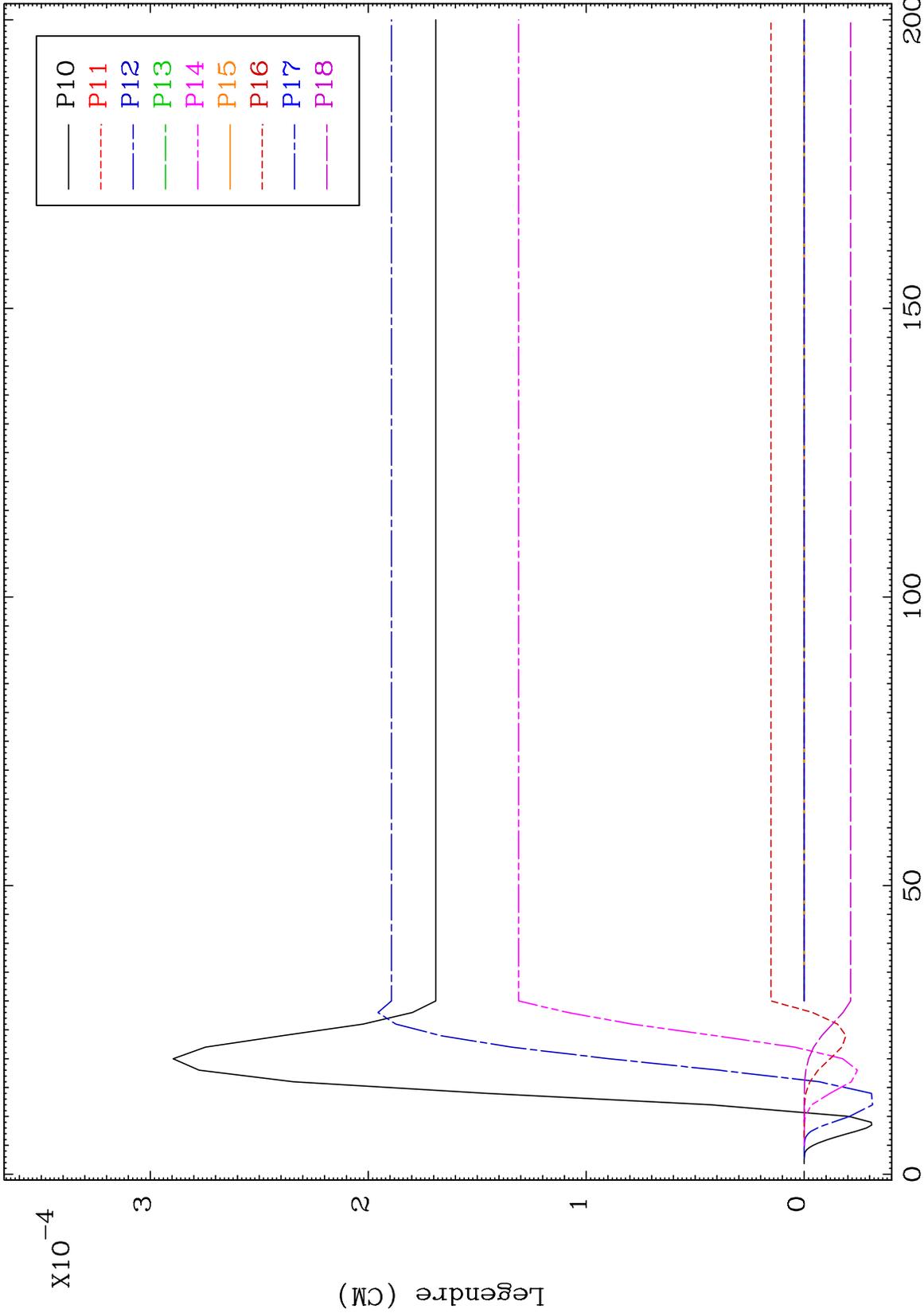


94 83-Bi-204

MAT 8310

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

83-Bi-204

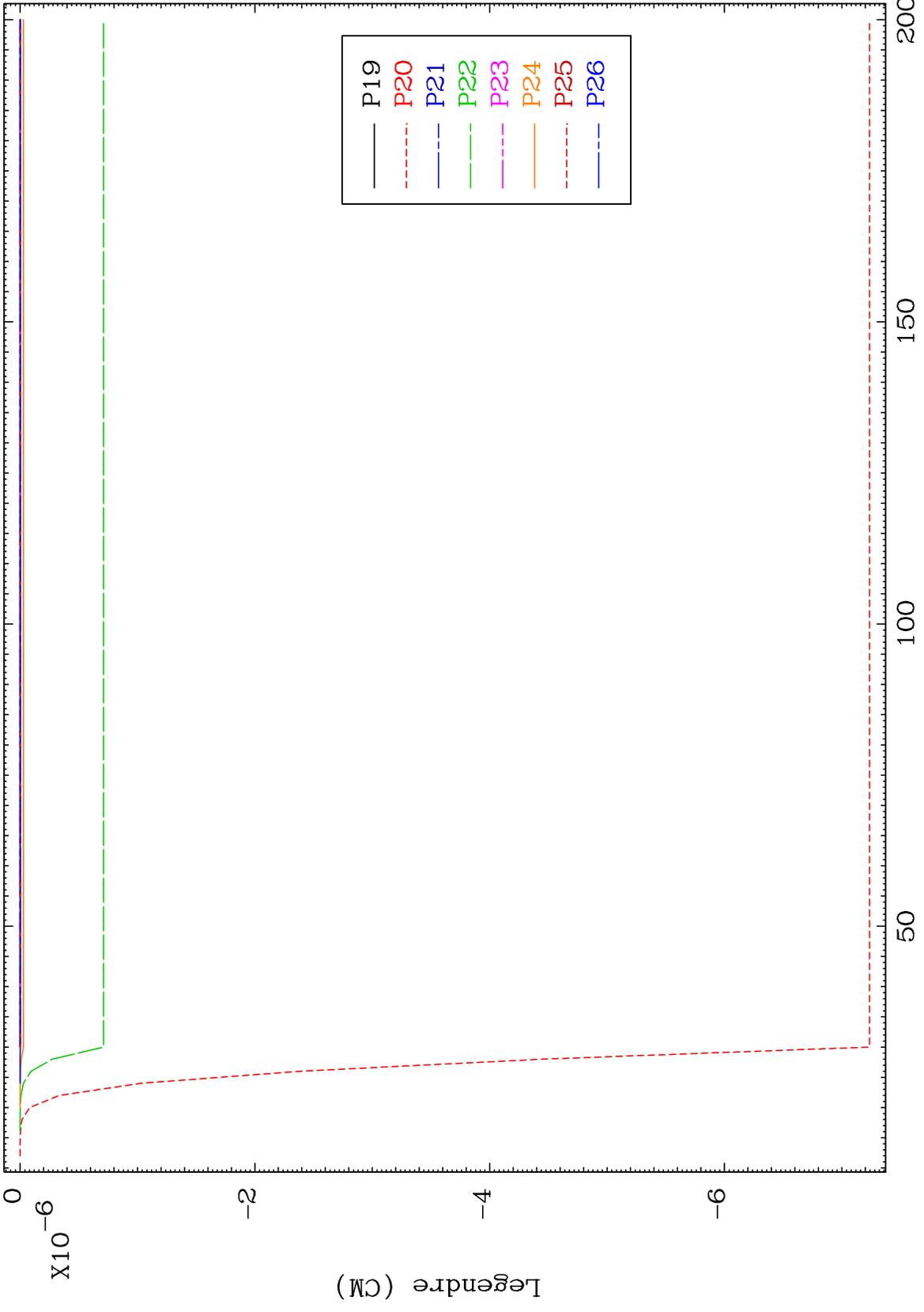


95

Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 73 (n,n') Level Legendre Coefficients 83-Bi-204

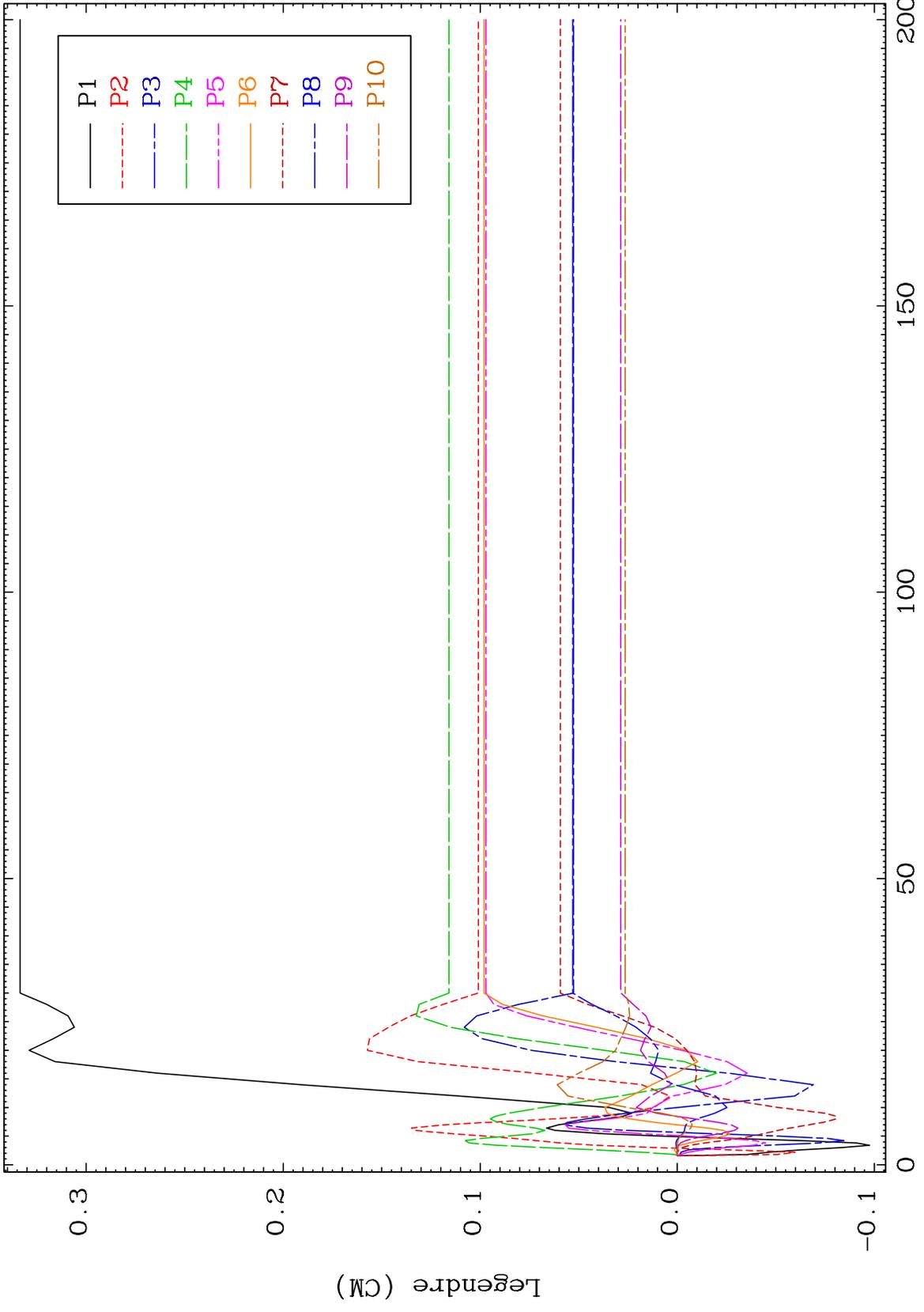


96 83-Bi-204

MAT 8310

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

83-Bi-204



97

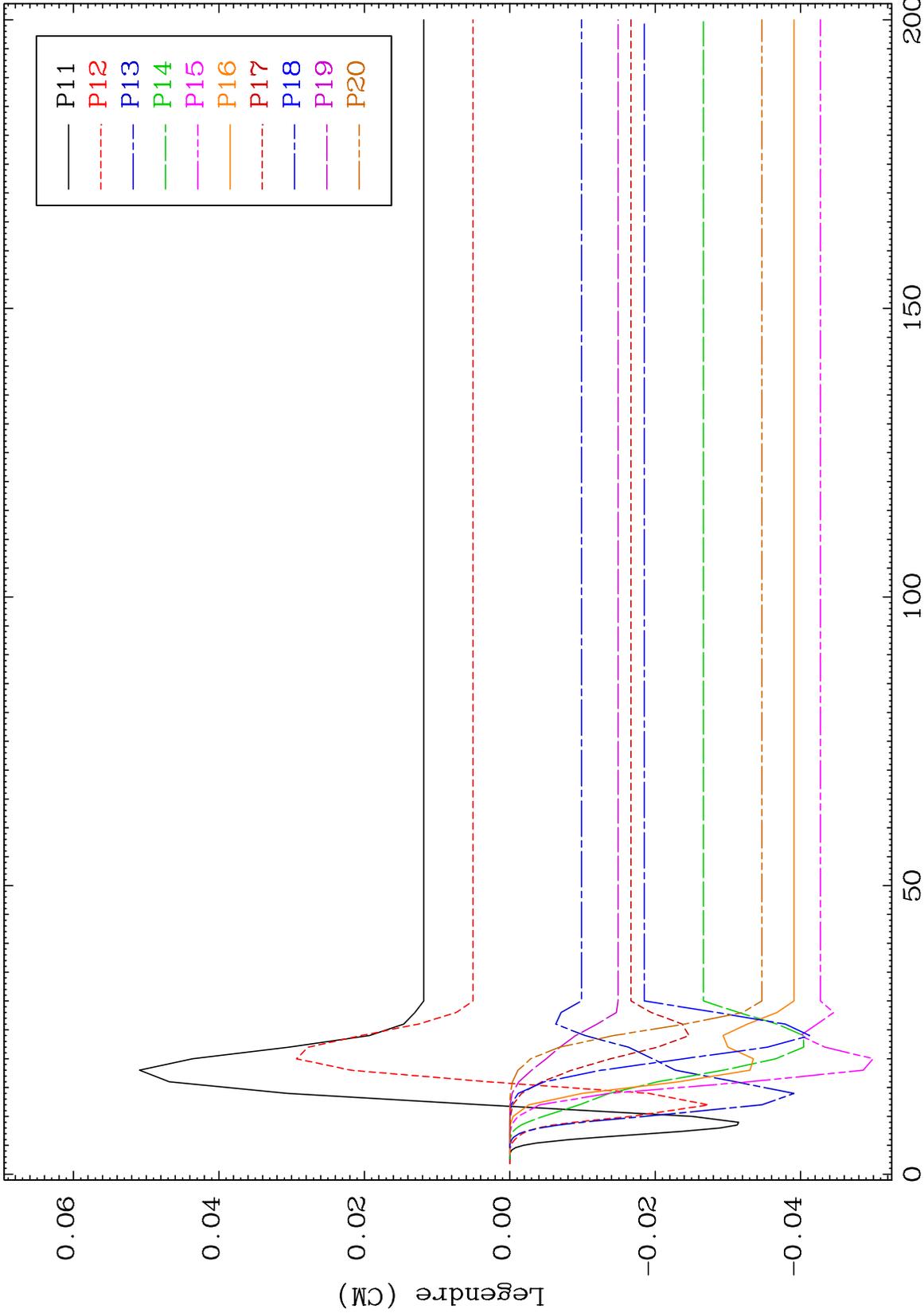
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



98

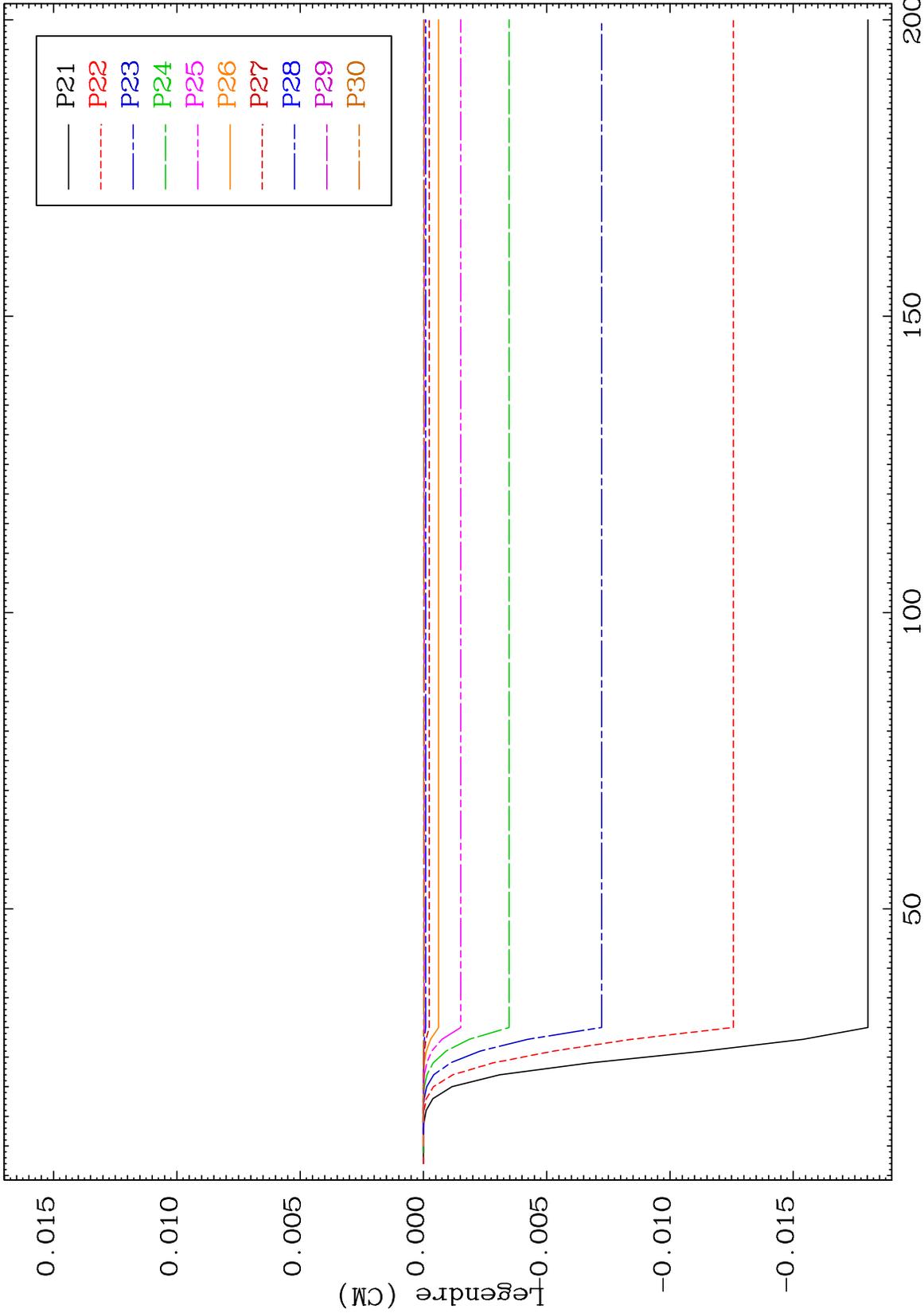
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



99

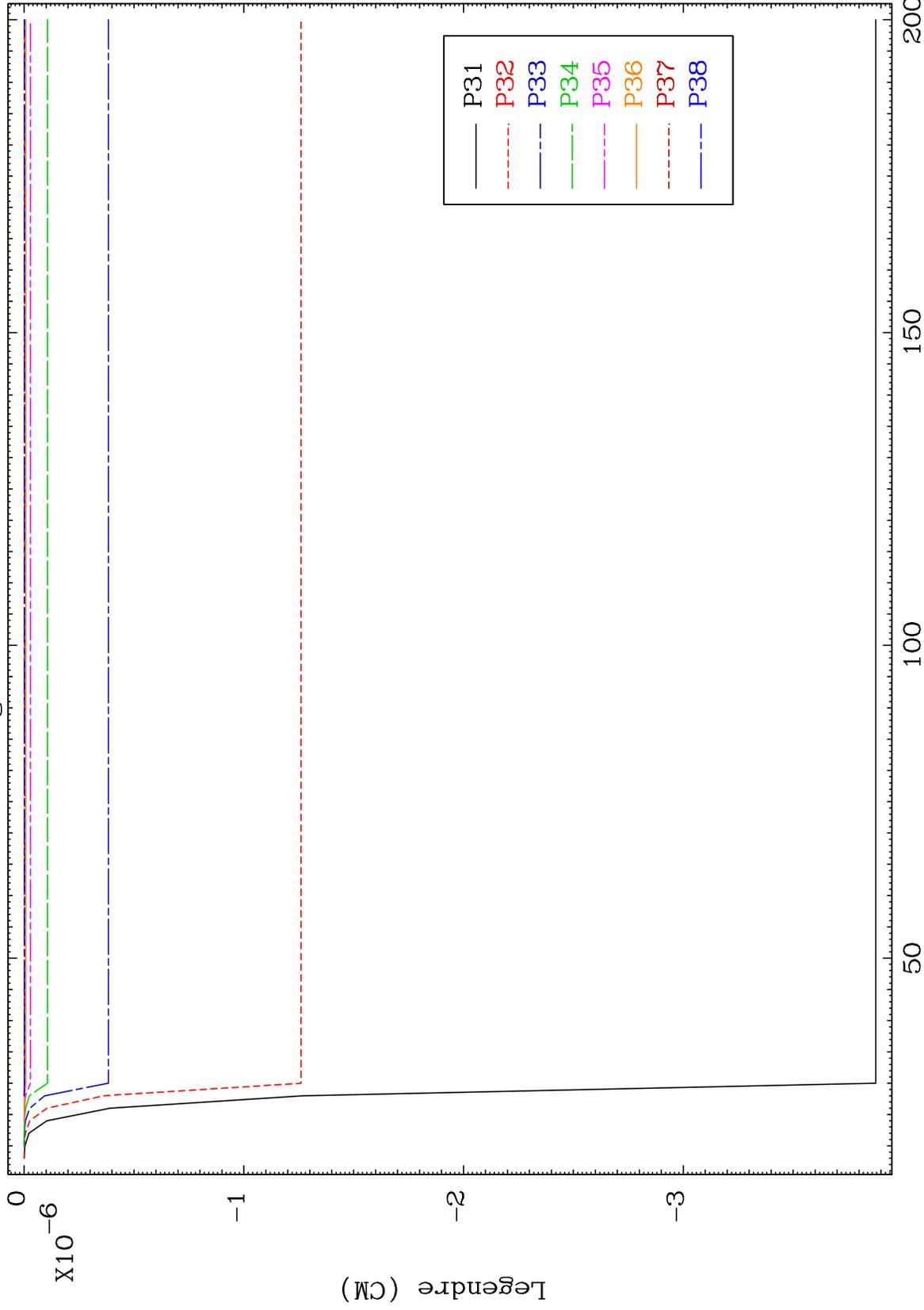
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



83-Bi-204

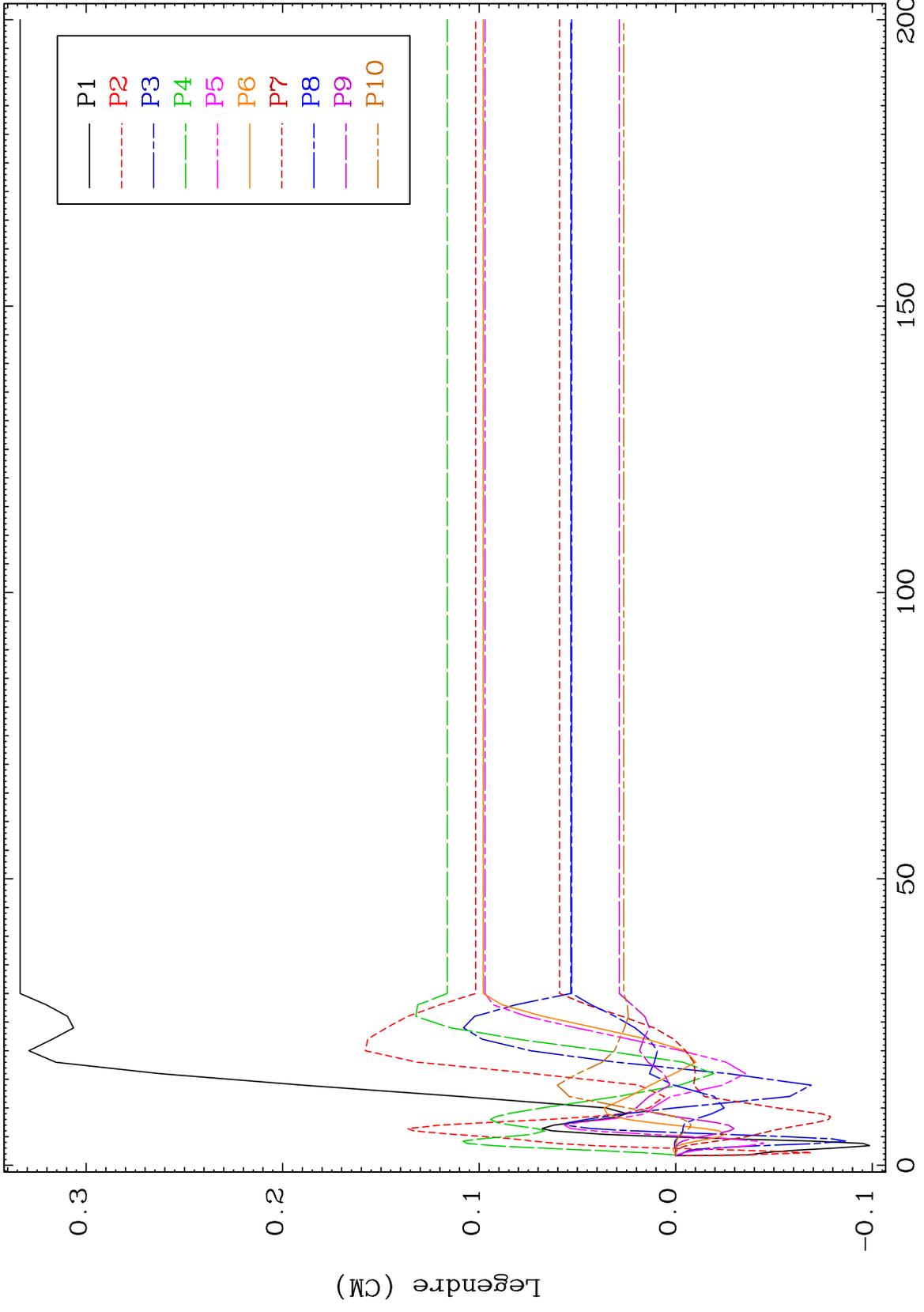
Incident Energy (MeV)

100

MAT 8310

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

83-Bi-204



101

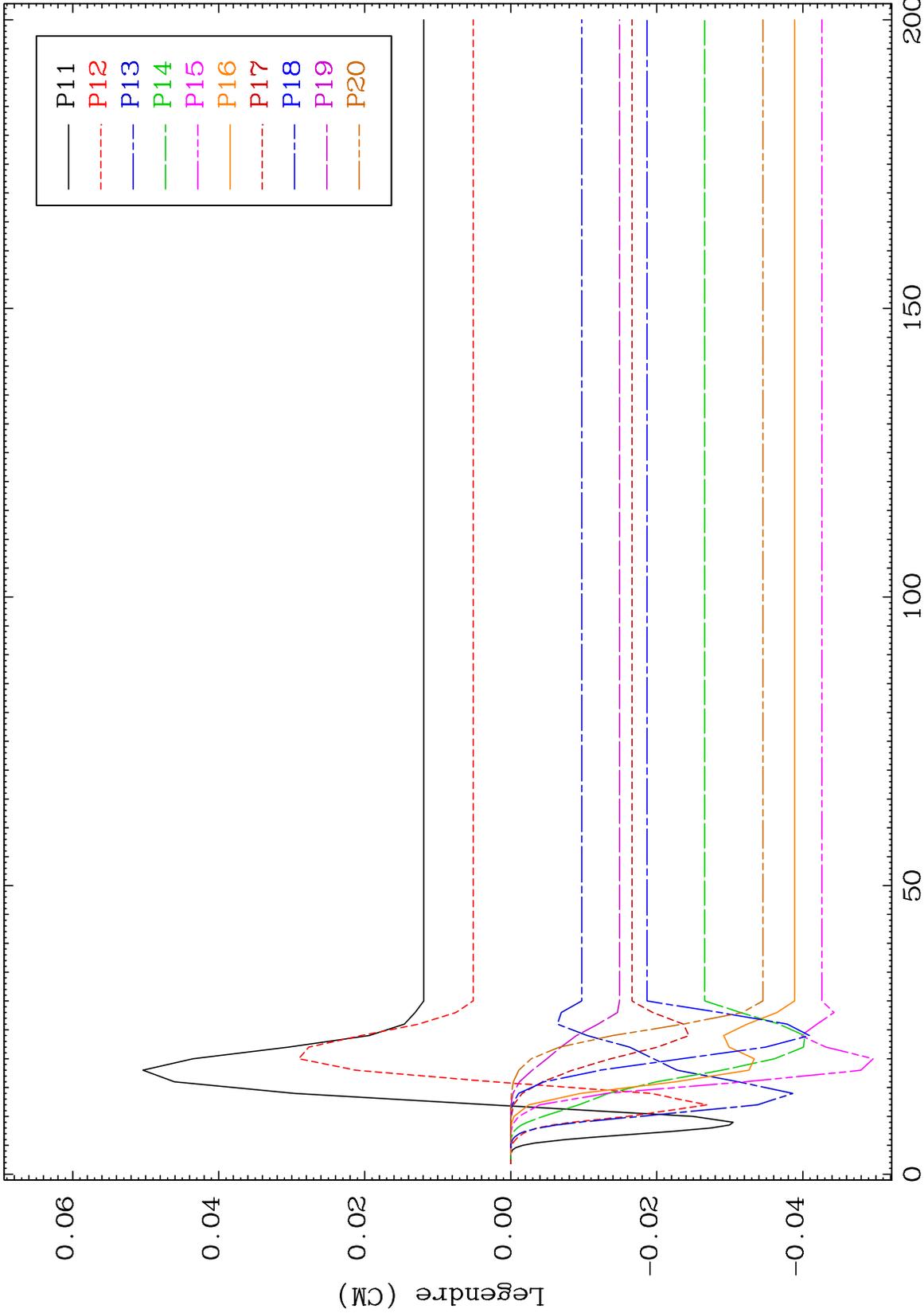
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



102

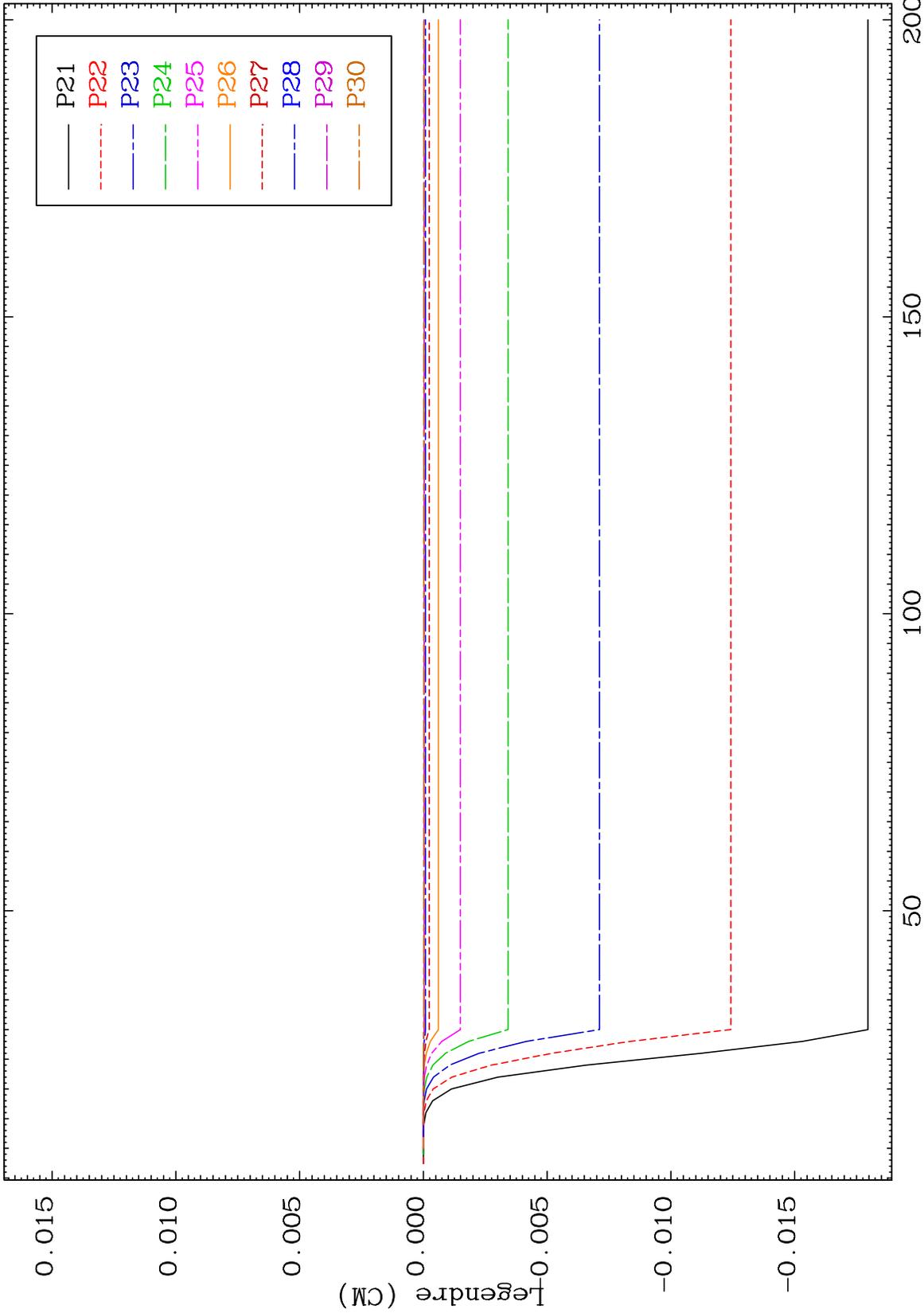
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



103

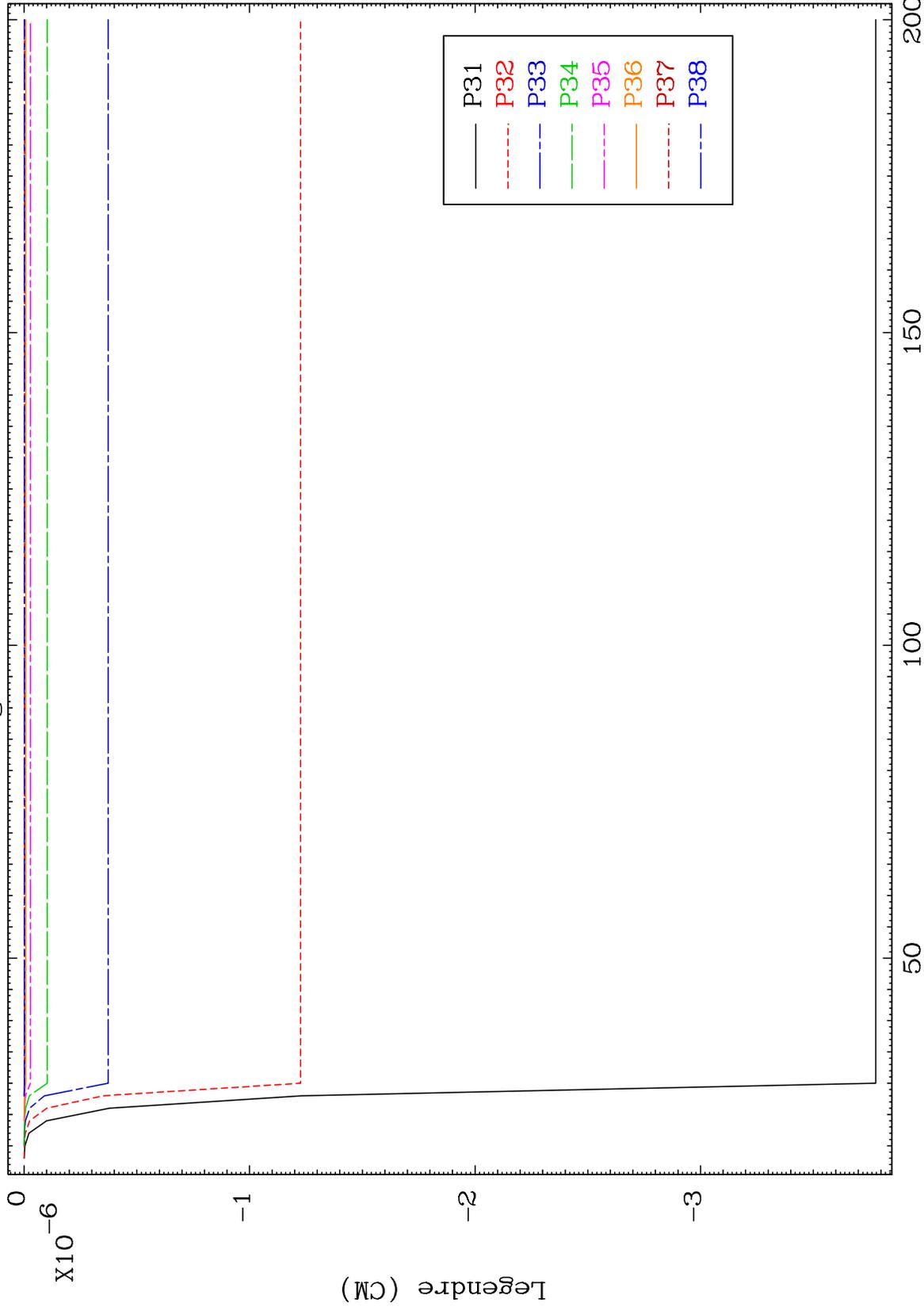
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



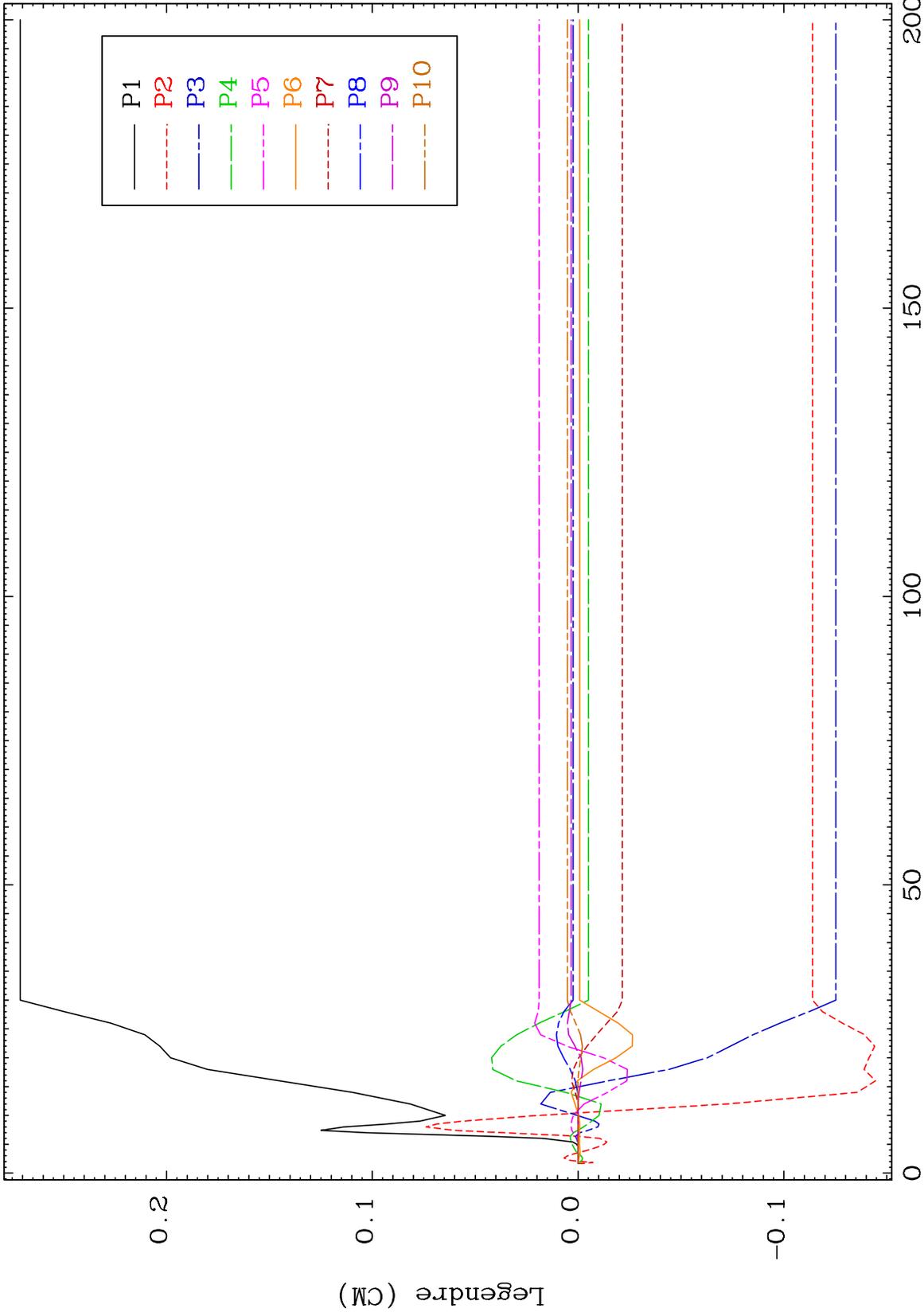
104

83-Bi-204

MAT 8310

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

83-Bi-204



83-Bi-204

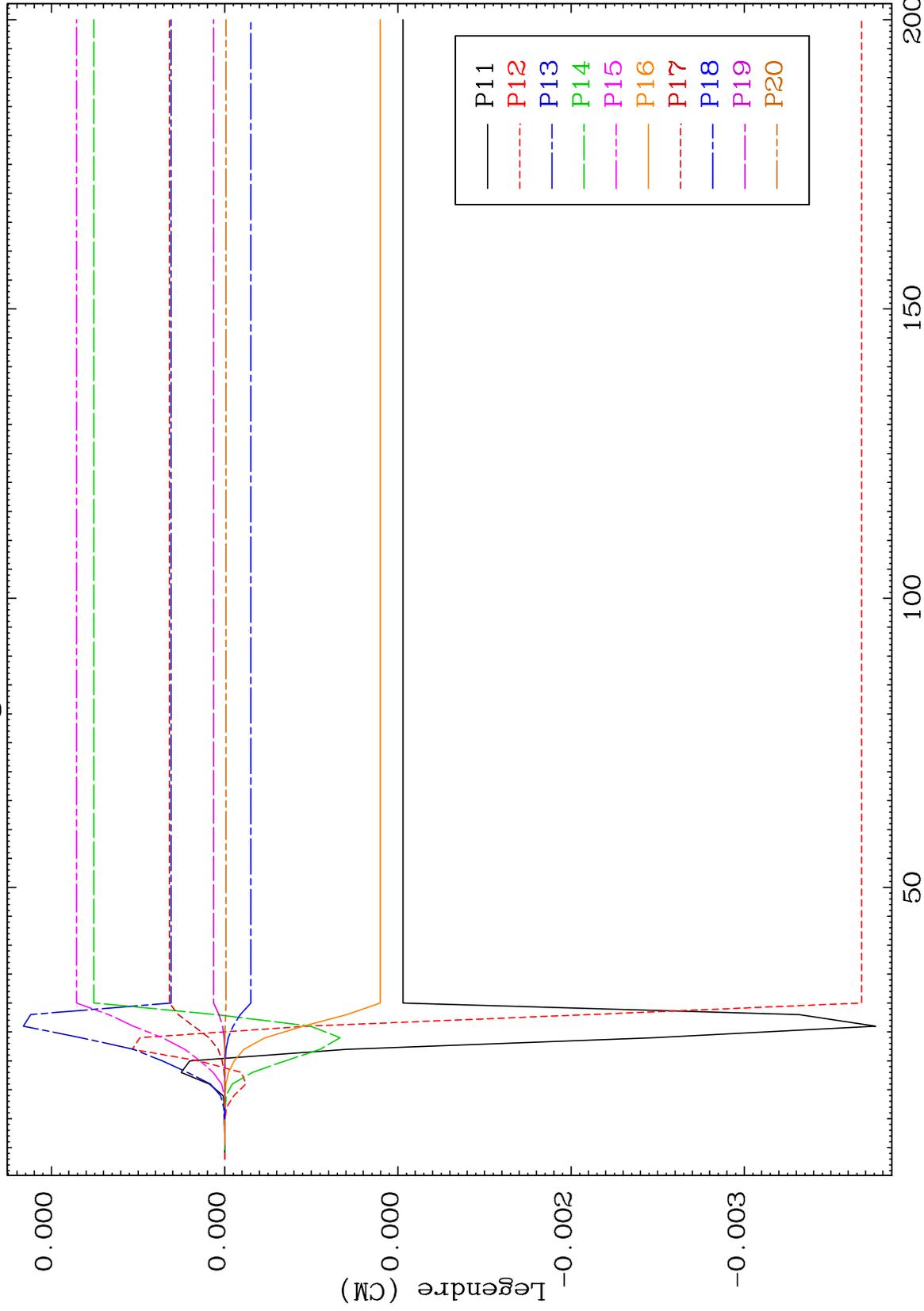
Incident Energy (MeV)

105

MAT 8310

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

83-Bi-204



106

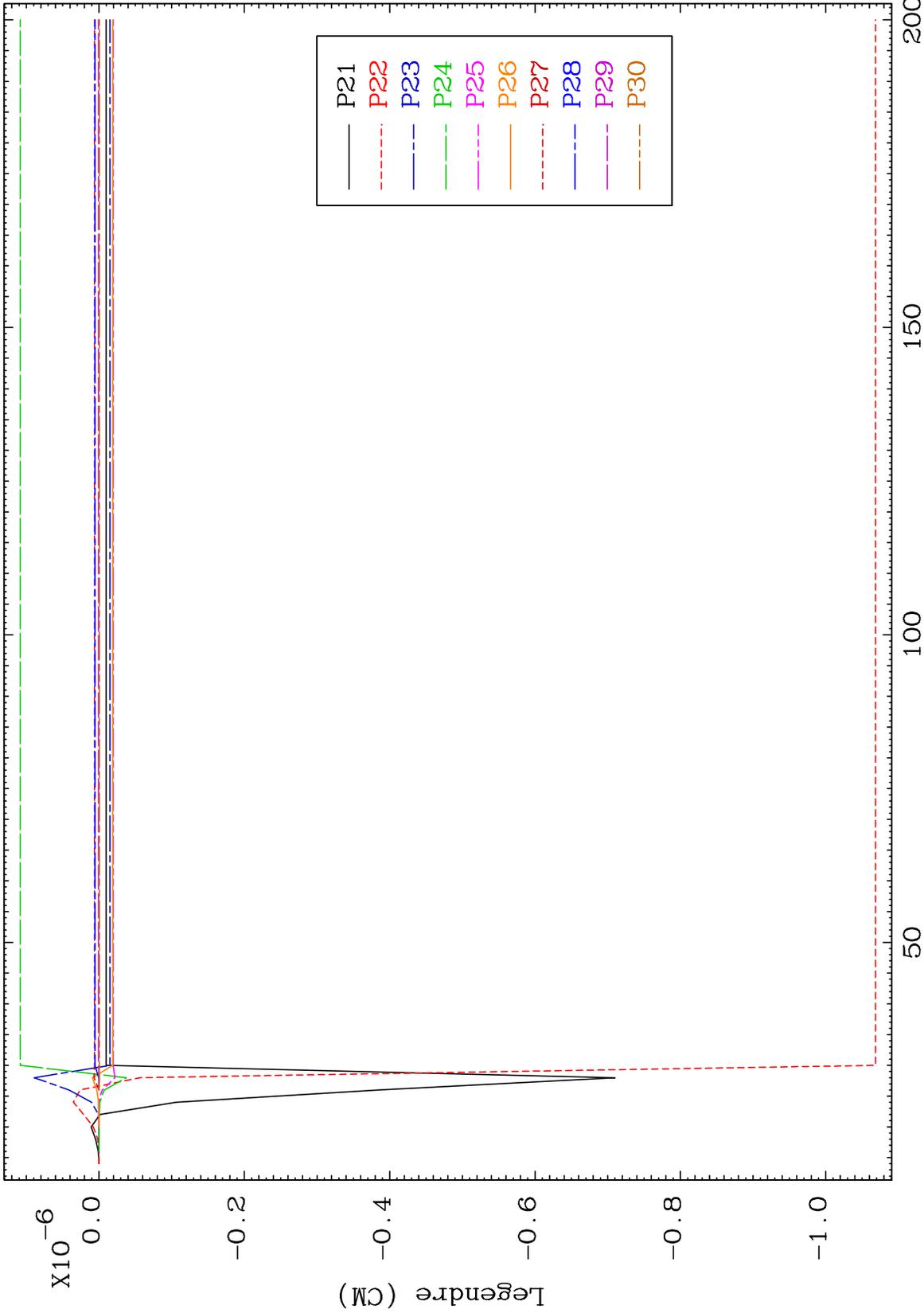
Incident Energy (MeV)

83-Bi-204

MAT 8310

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

83-Bi-204



107

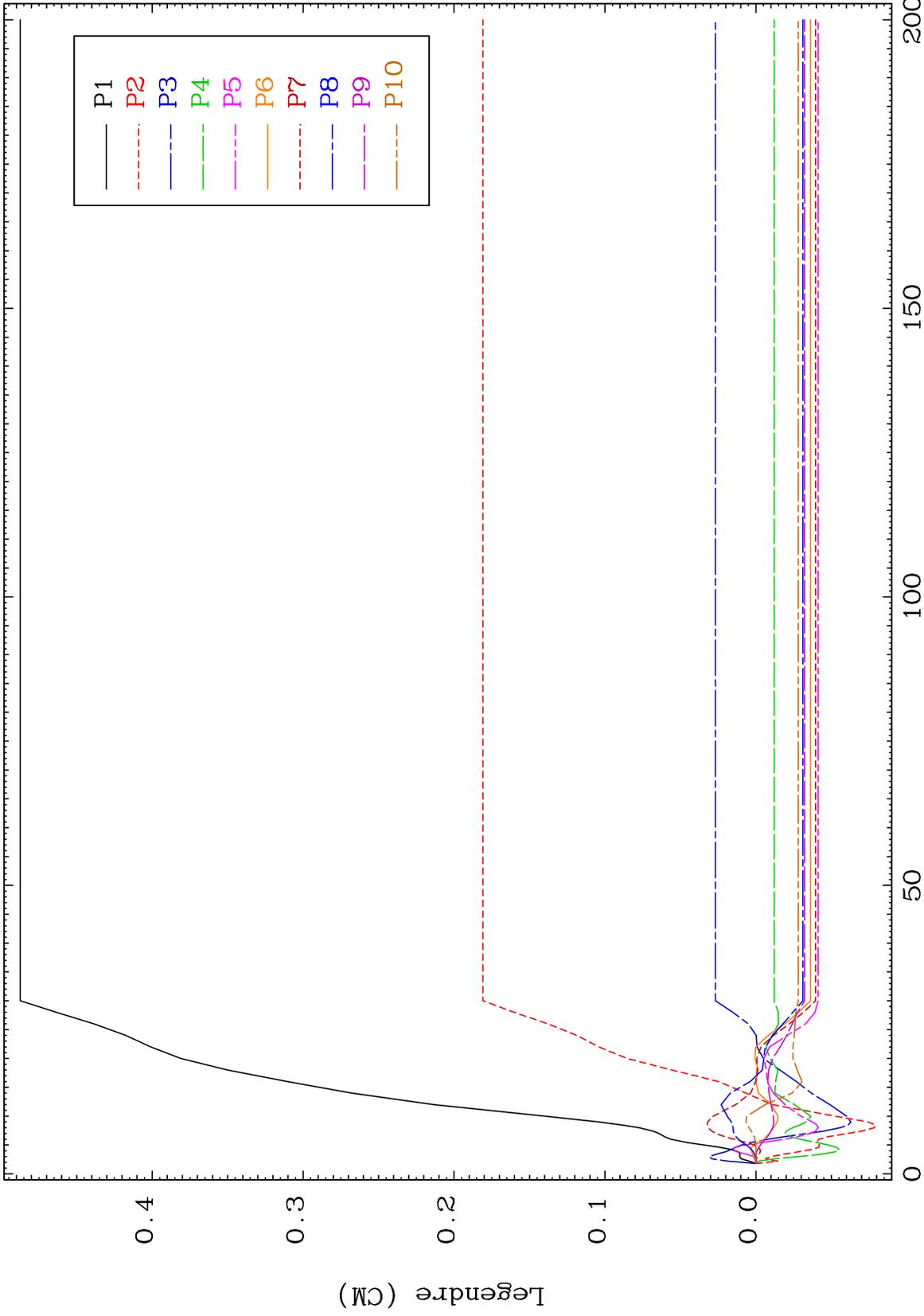
Incident Energy (MeV)

83-Bi-204

MAT 8310

MT= 77 (n,n') Level
Legendre Coefficients

83-Bi-204



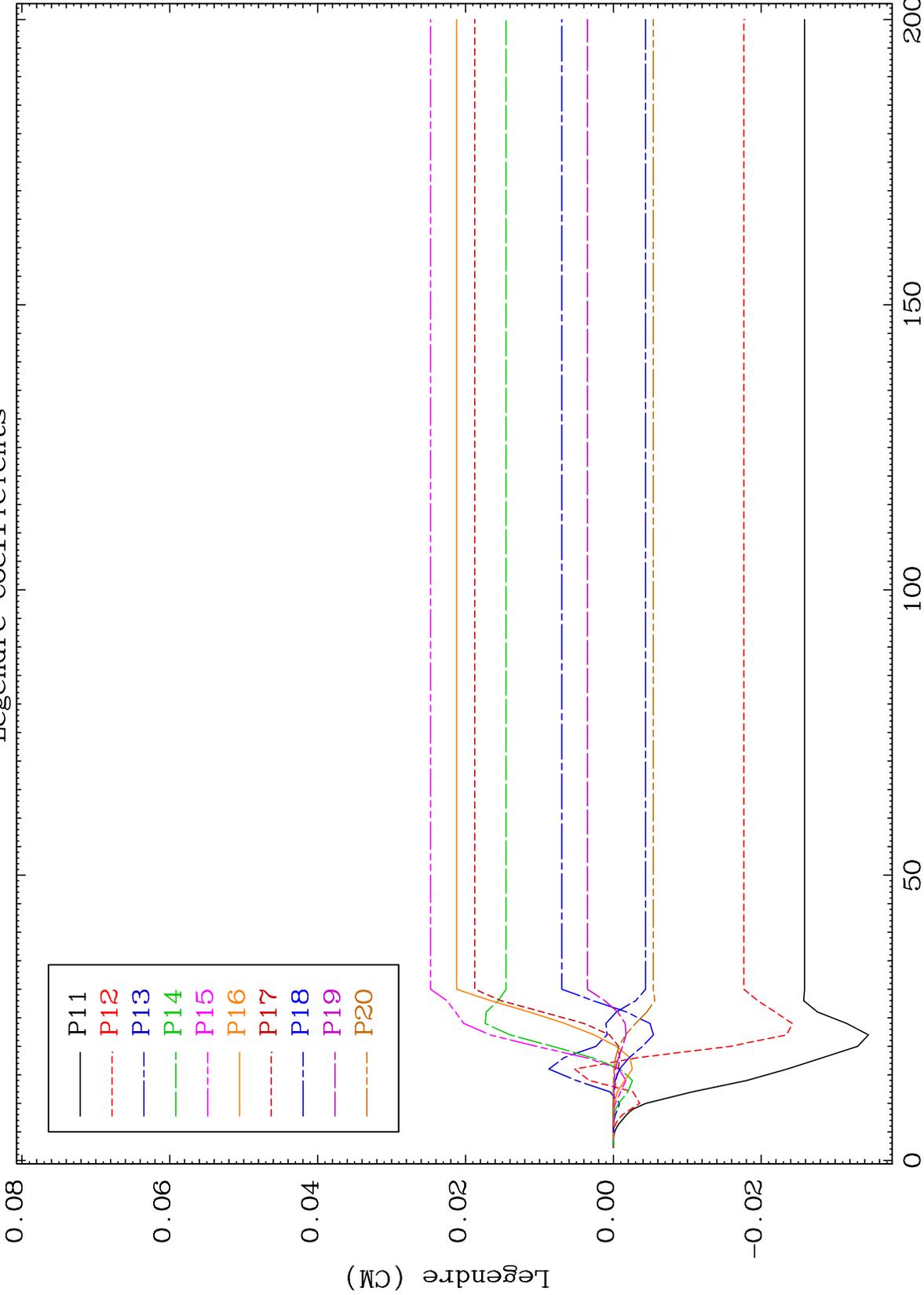
108

Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 77 (n,n') Level Legendre Coefficients

83-Bi-204



83-Bi-204

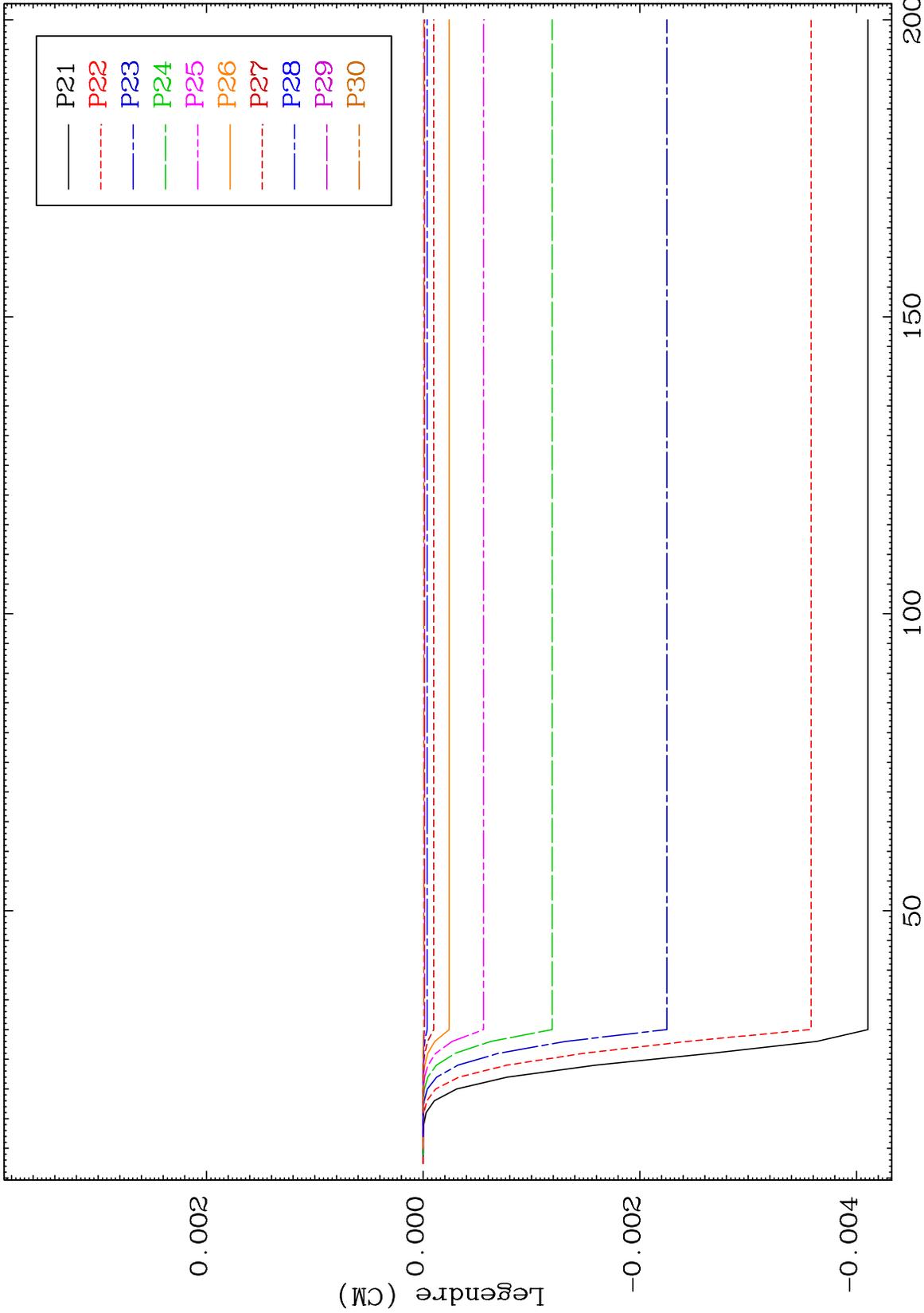
Incident Energy (MeV)

109

MAT 8310

MT= 77 (n,n') Level
Legendre Coefficients

83-Bi-204

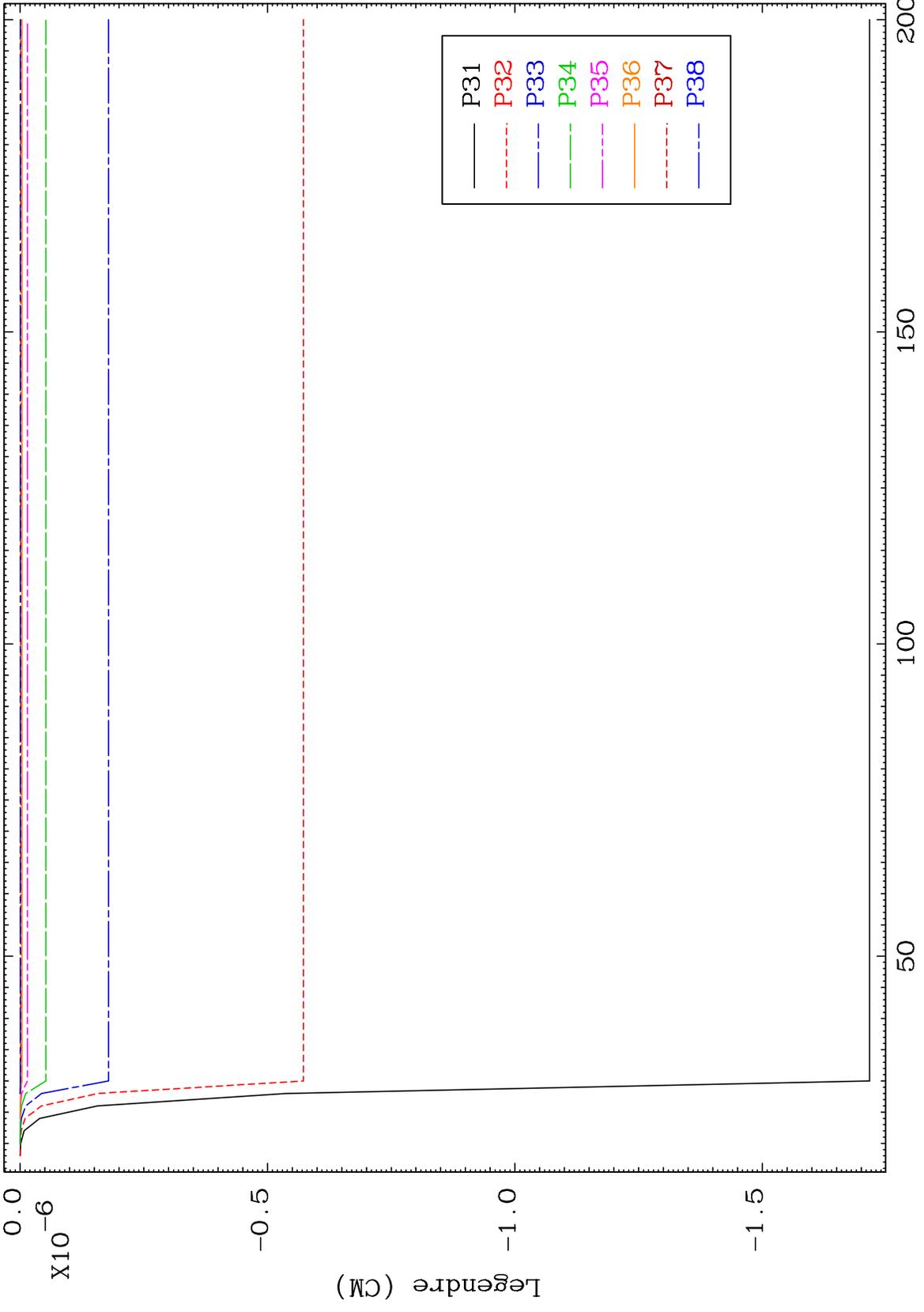


110

Incident Energy (MeV)

83-Bi-204

MAT 8310 MT= 77 (n,n') Level Legendre Coefficients 83-Bi-204

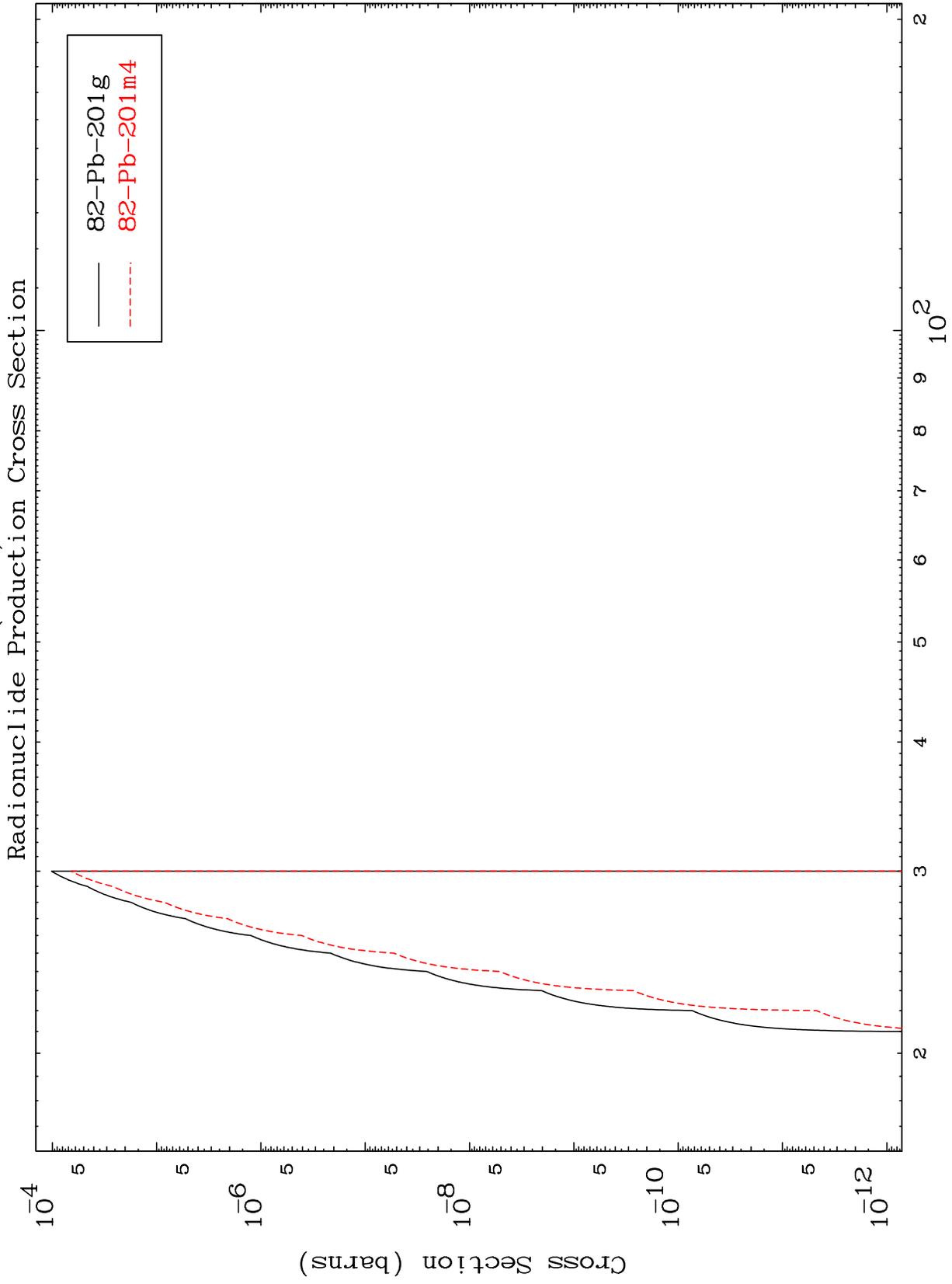


111 83-Bi-204

MAT 8310

(n,2n) d

83-Bi-204



112

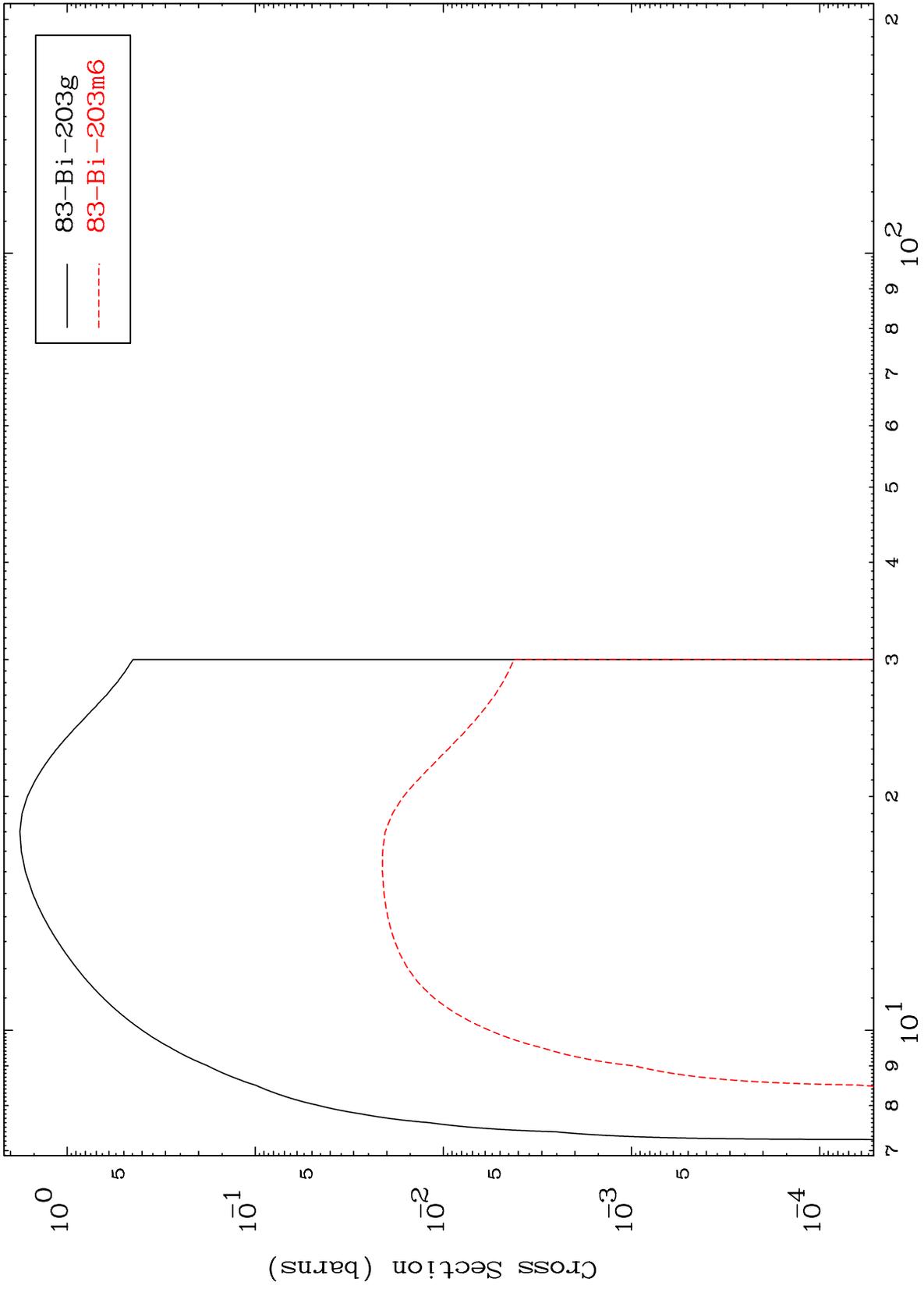
Incident Energy (MeV)

83-Bi-204

MAT 8310

83-Bi-204

(n,2n)
Radionuclide Production Cross Section



113

Incident Energy (MeV)

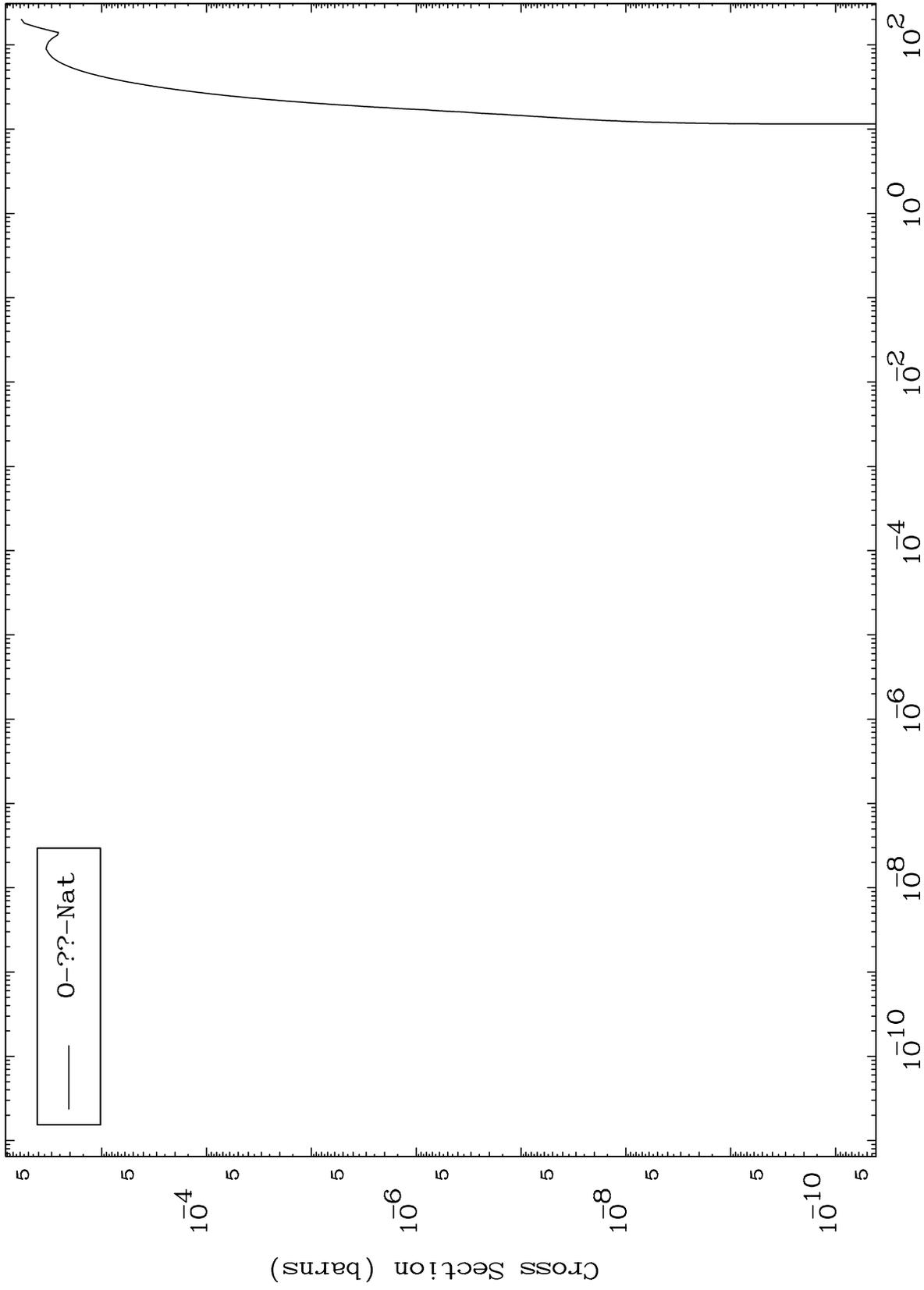
83-Bi-204

MAT 8310

Fission

83-Bi-204

Radionuclide Production Cross Section



114

Incident Energy (MeV)

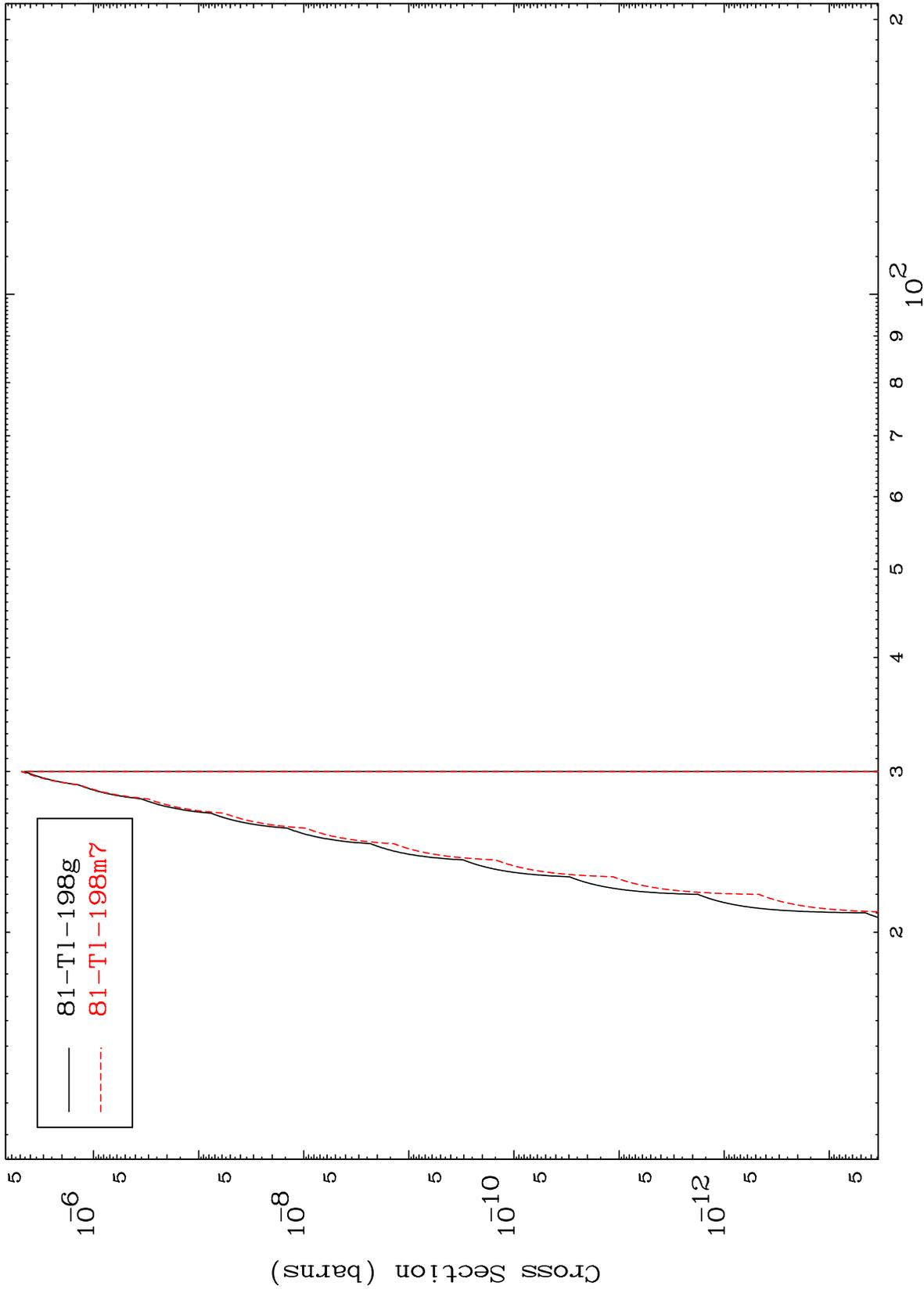
83-Bi-204

MAT 8310

(n,3n) α

83-Bi-204

Radionuclide Production Cross Section



115

Incident Energy (MeV)

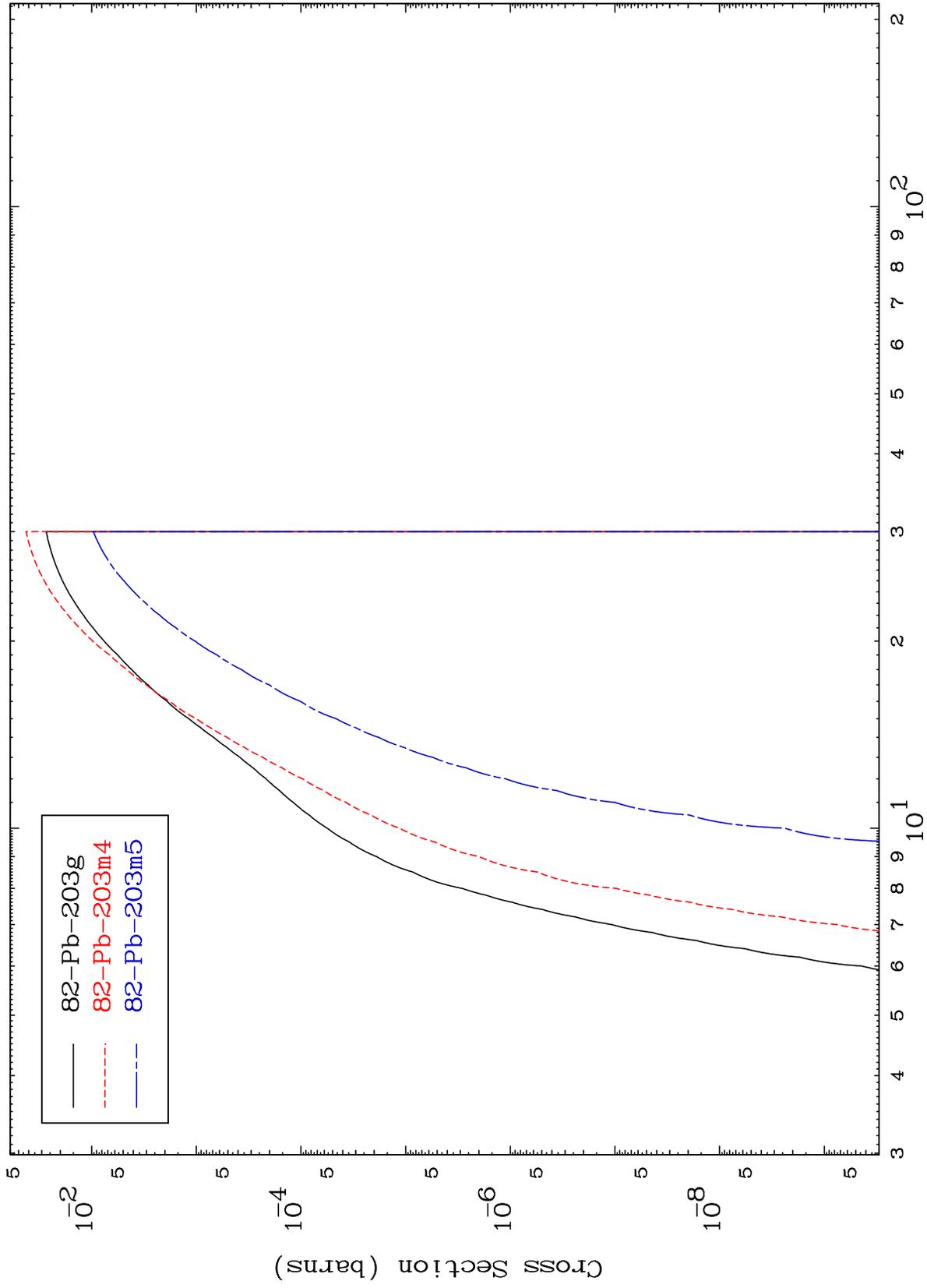
83-Bi-204

MAT 8310

(n,n') p

83-Bi-204

Radionuclide Production Cross Section



116

Incident Energy (MeV)

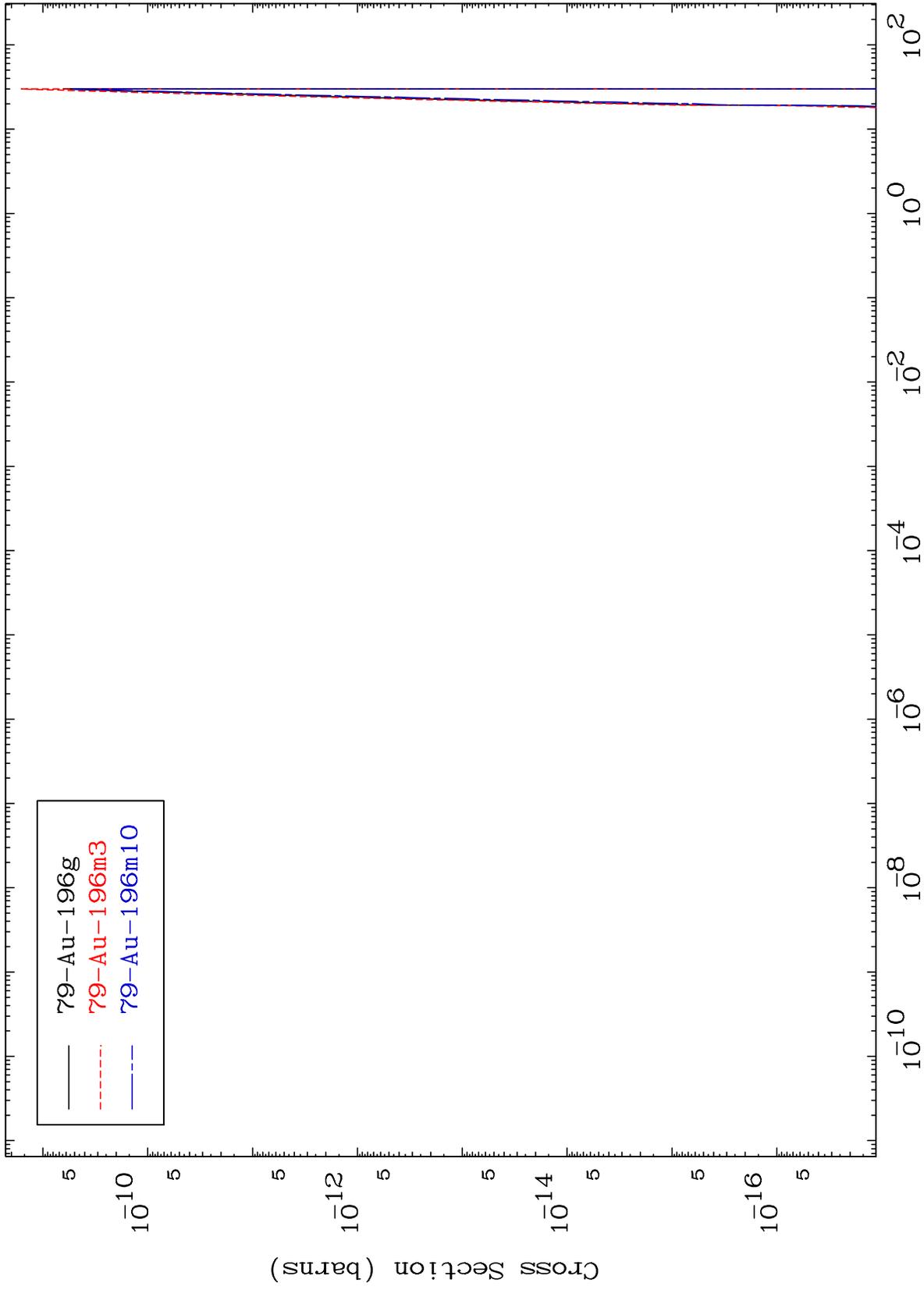
83-Bi-204

MAT 8310

(n,n') 2 α

83-Bi-204

Radionuclide Production Cross Section



117

Incident Energy (MeV)

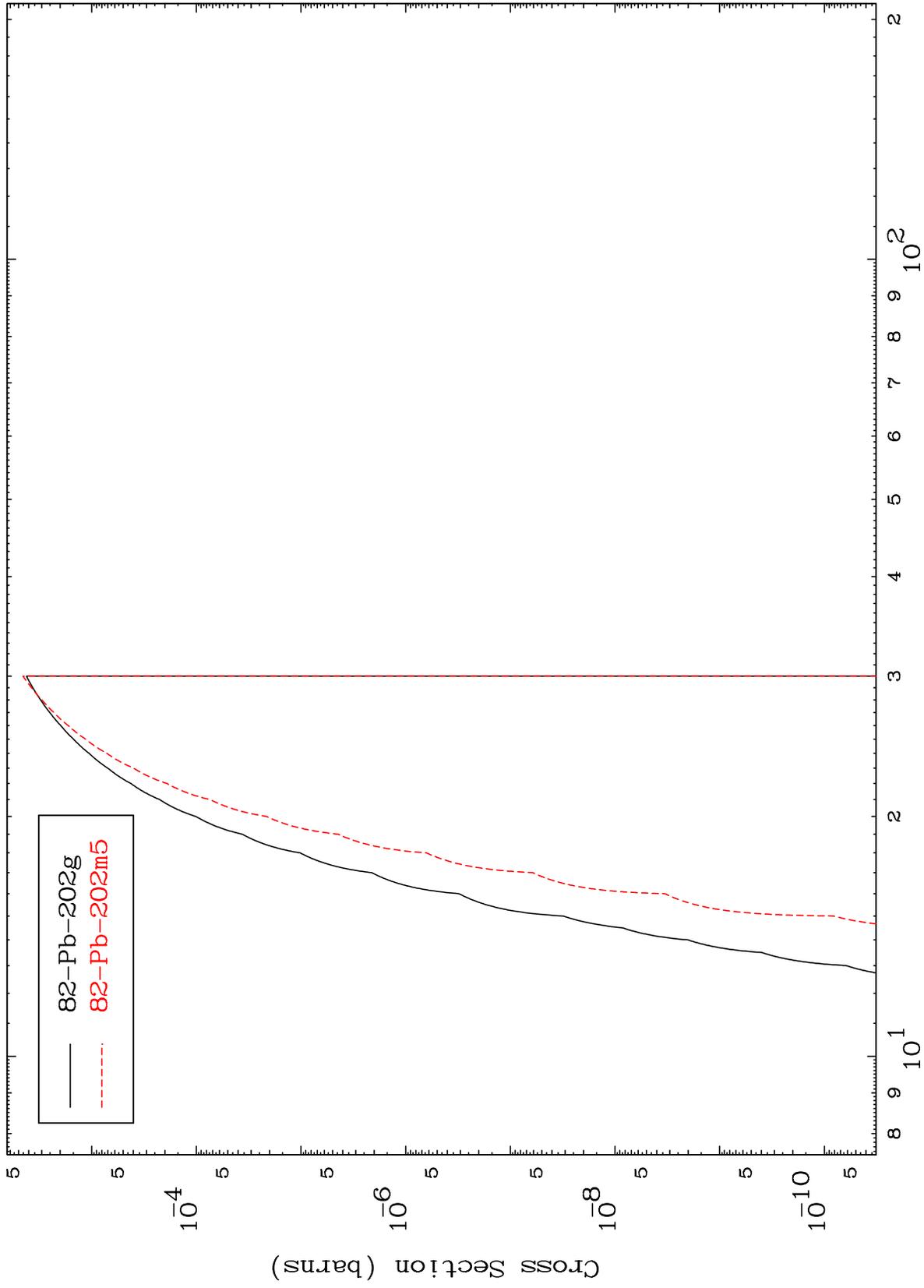
83-Bi-204

MAT 8310

(n,n') d

83-Bi-204

Radionuclide Production Cross Section



118

Incident Energy (MeV)

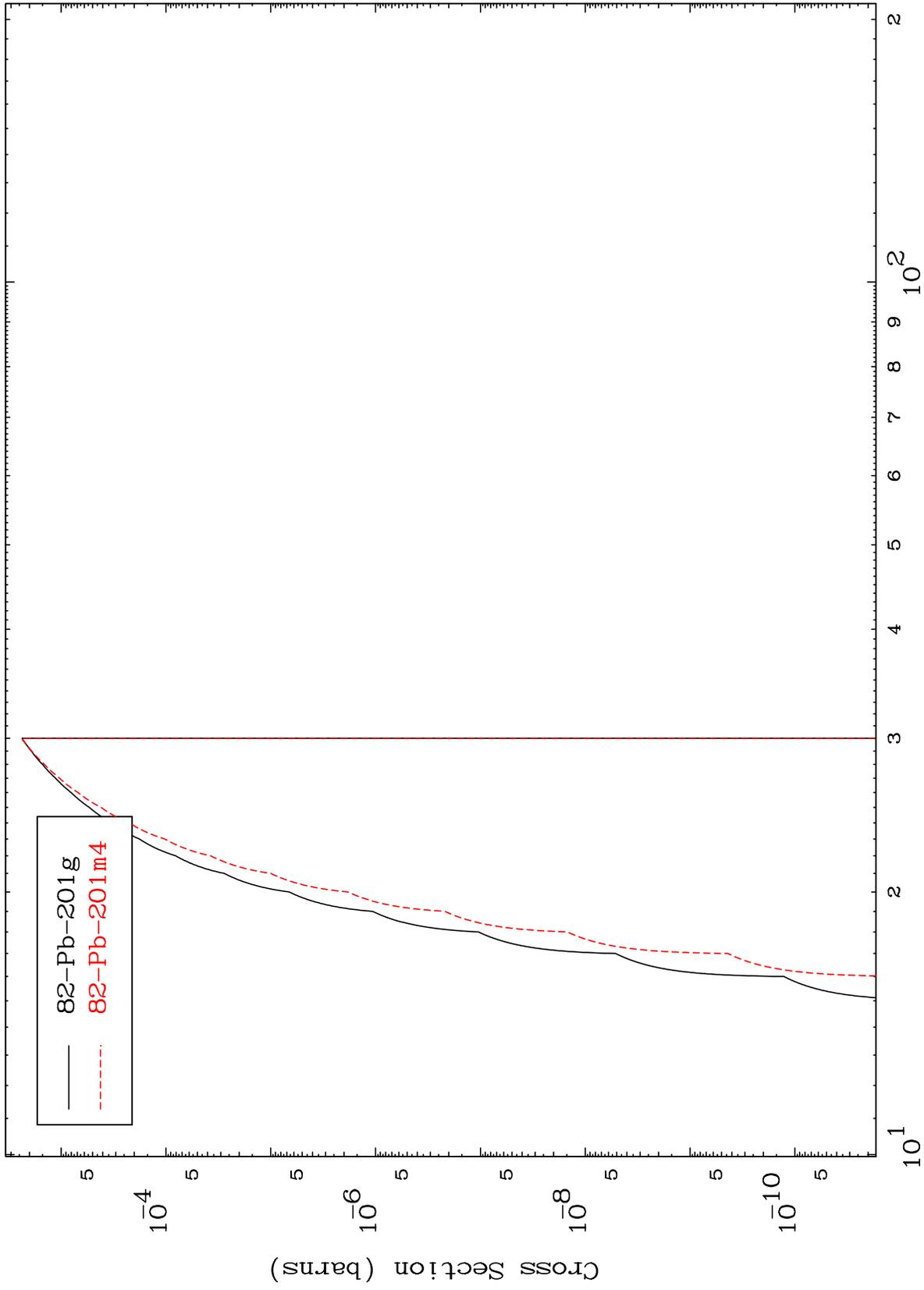
83-Bi-204

MAT 8310

(n,n') t

83-Bi-204

Radionuclide Production Cross Section



119

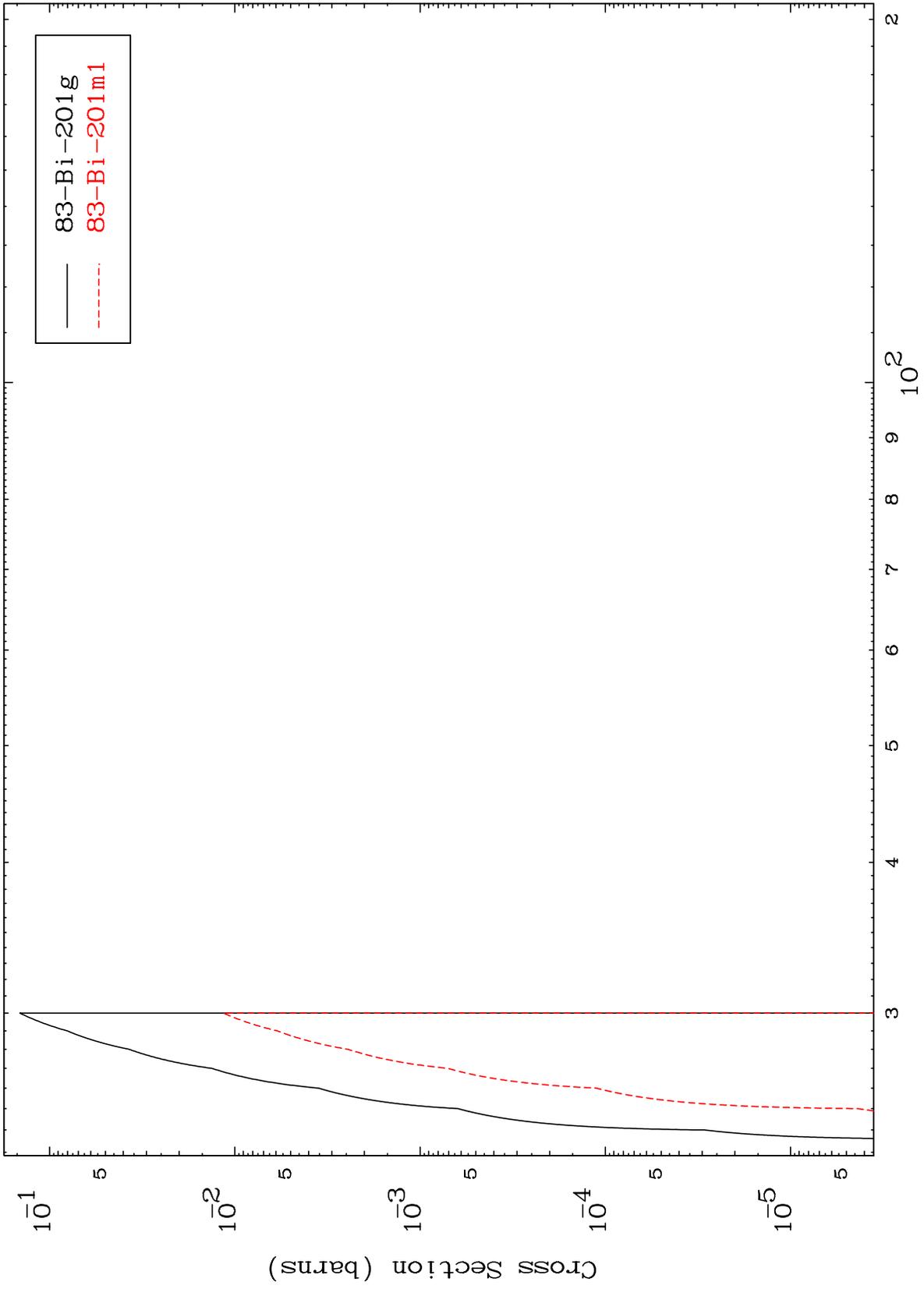
Incident Energy (MeV)

83-Bi-204

MAT 8310

83-Bi-204

(n,4n)
Radionuclide Production Cross Section



83-Bi-201g
83-Bi-201m1

120

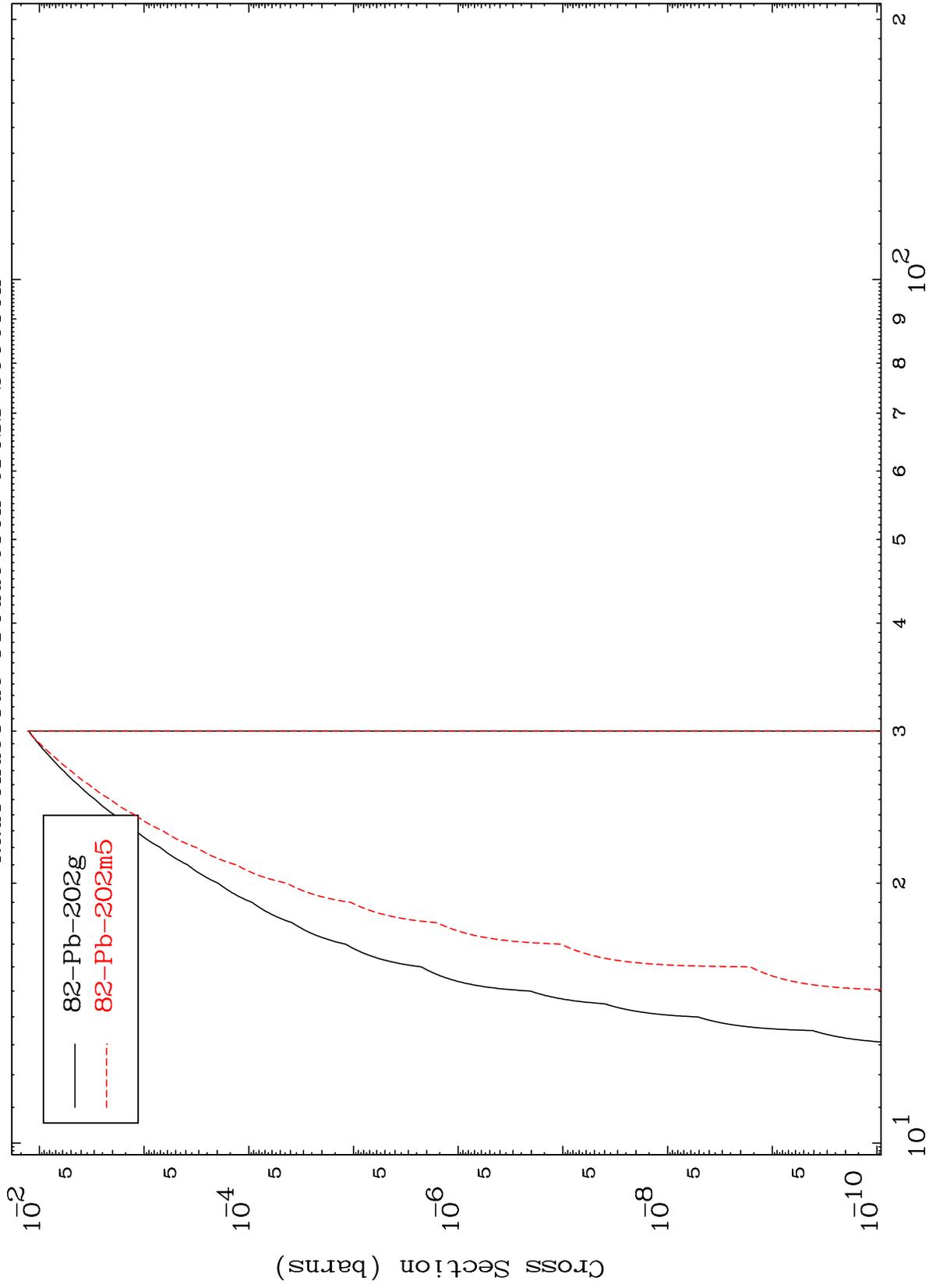
83-Bi-204

MAT 8310

(n,2n) p

83-Bi-204

Radionuclide Production Cross Section



121

Incident Energy (MeV)

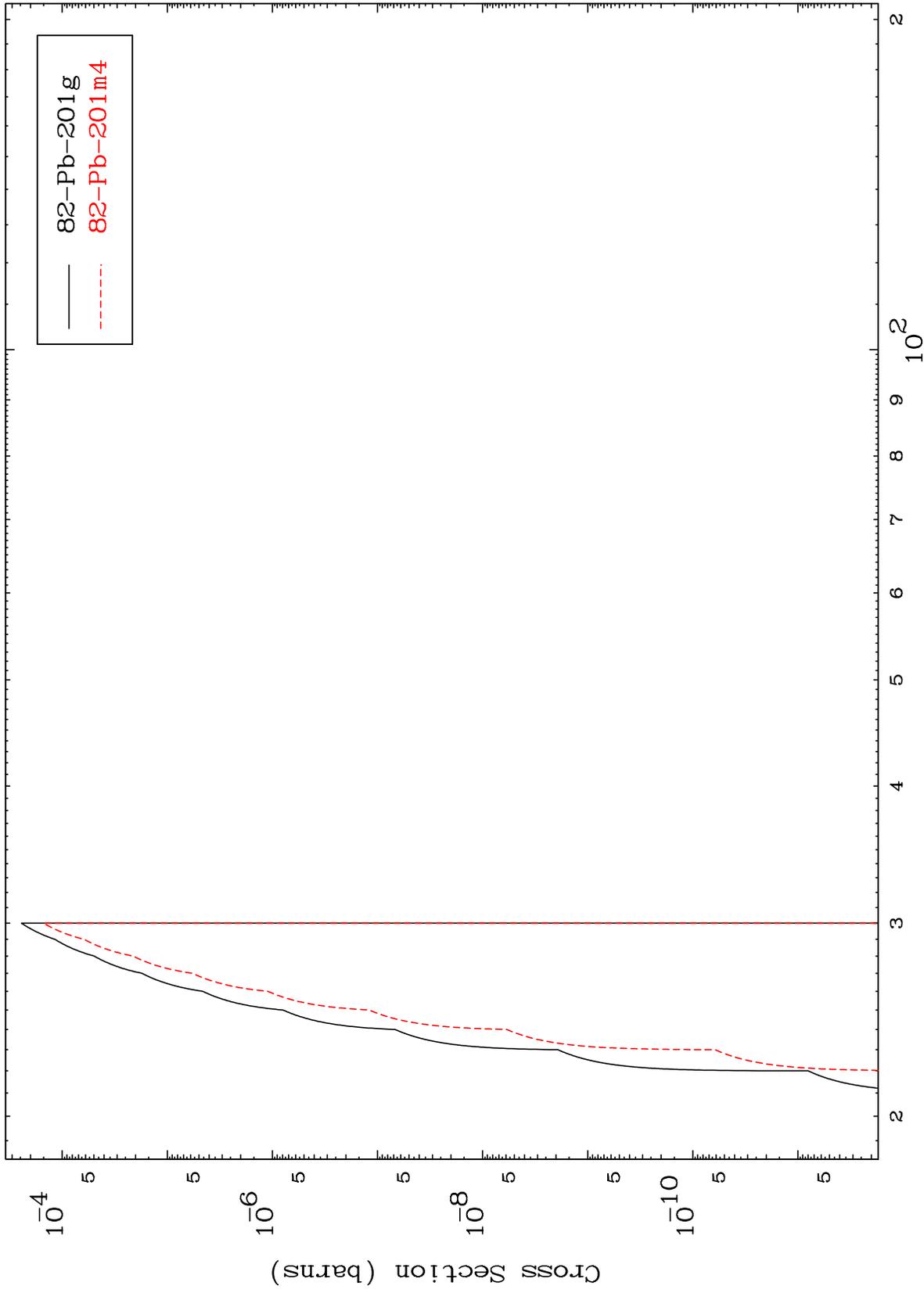
83-Bi-204

MAT 8310

(n,3n) p

83-Bi-204

Radionuclide Production Cross Section



122

Incident Energy (MeV)

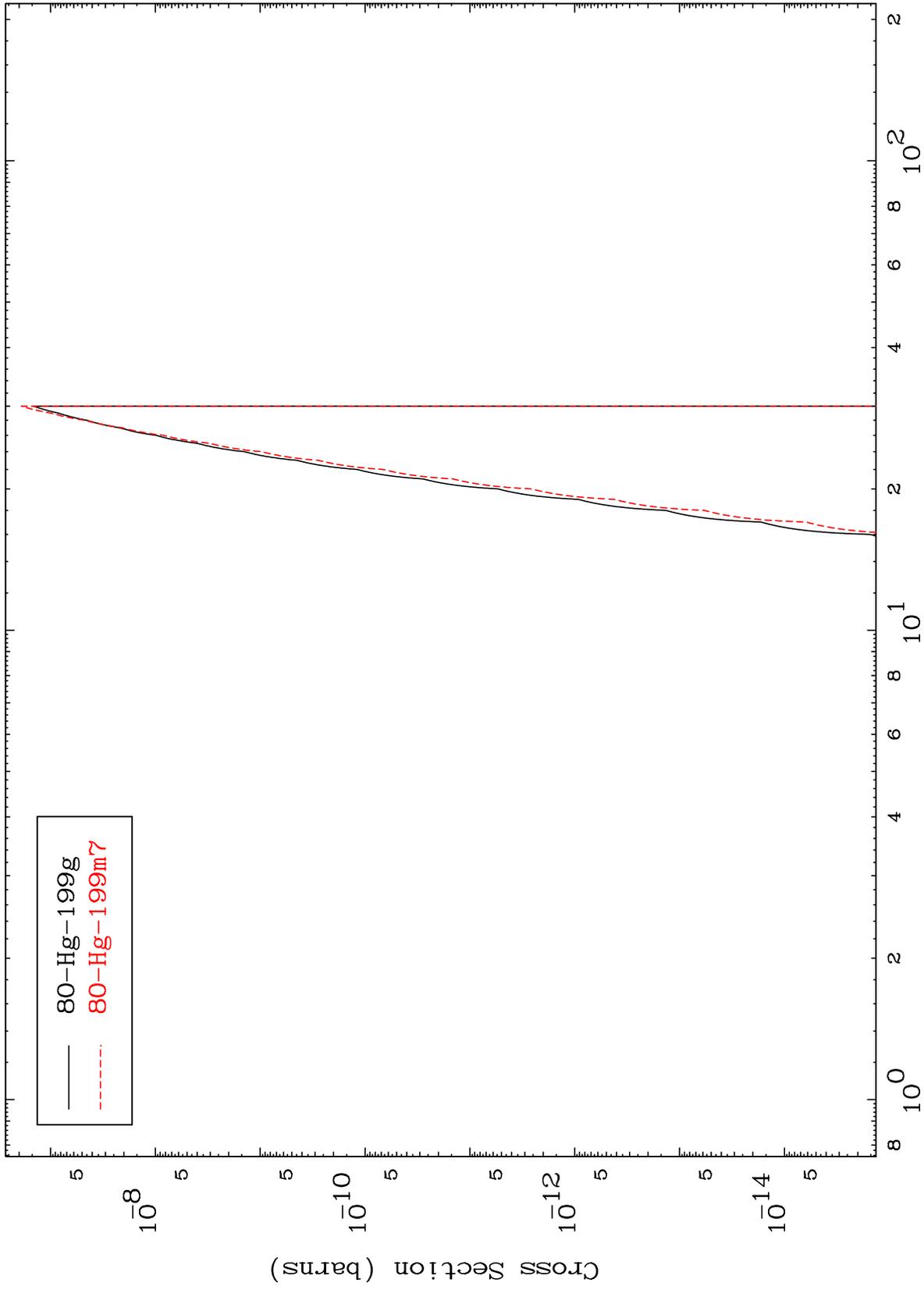
83-Bi-204

MAT 8310

(n,n') p α

83-Bi-204

Radionuclide Production Cross Section



123

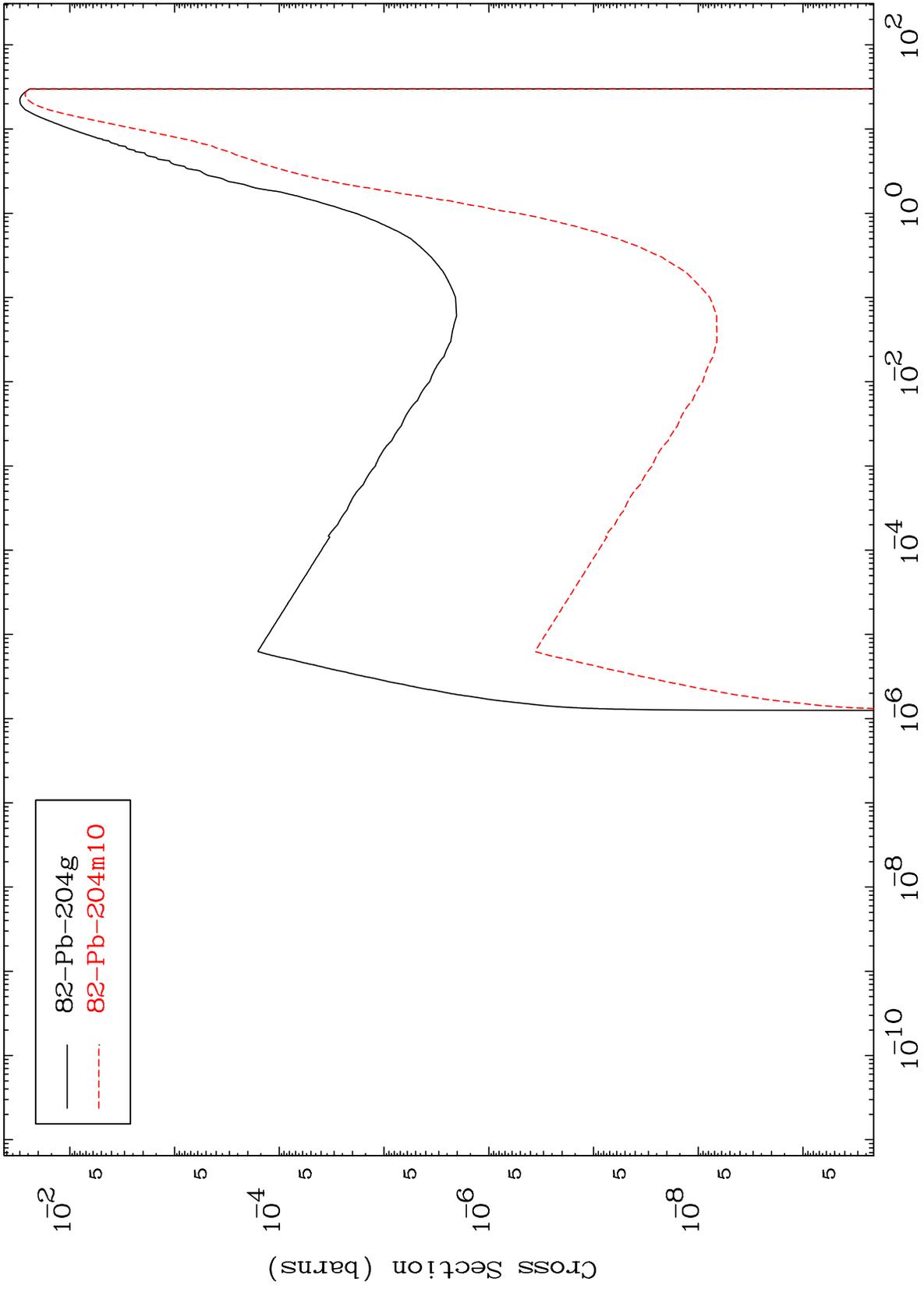
Incident Energy (MeV)

83-Bi-204

MAT 8310

(n,p)
Radionuclide Production Cross Section

83-Bi-204



— 82-Pb-204g
- - - 82-Pb-204m10

124

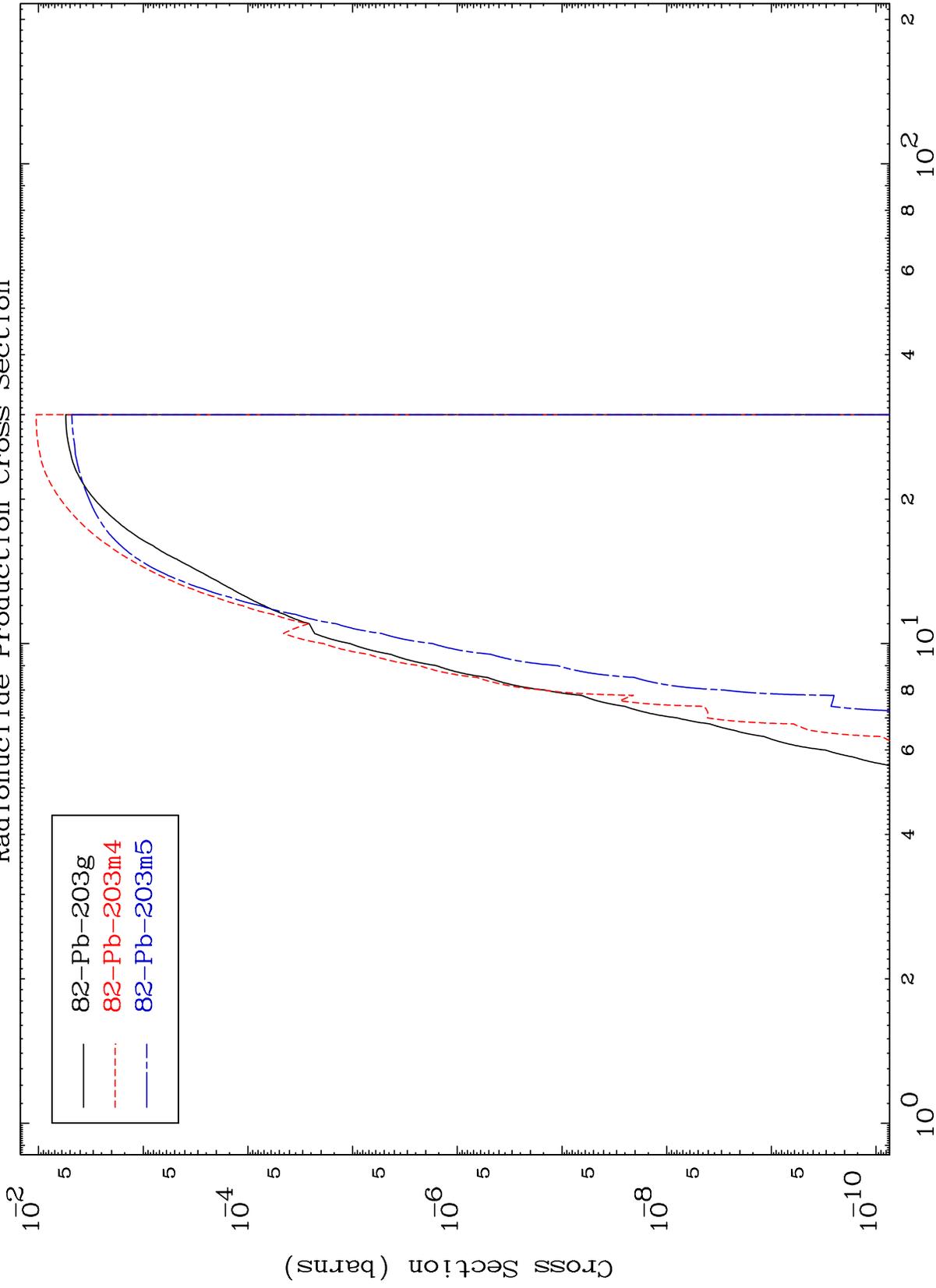
83-Bi-204

MAT 8310

(n,d)

83-Bi-204

Radionuclide Production Cross Section



125

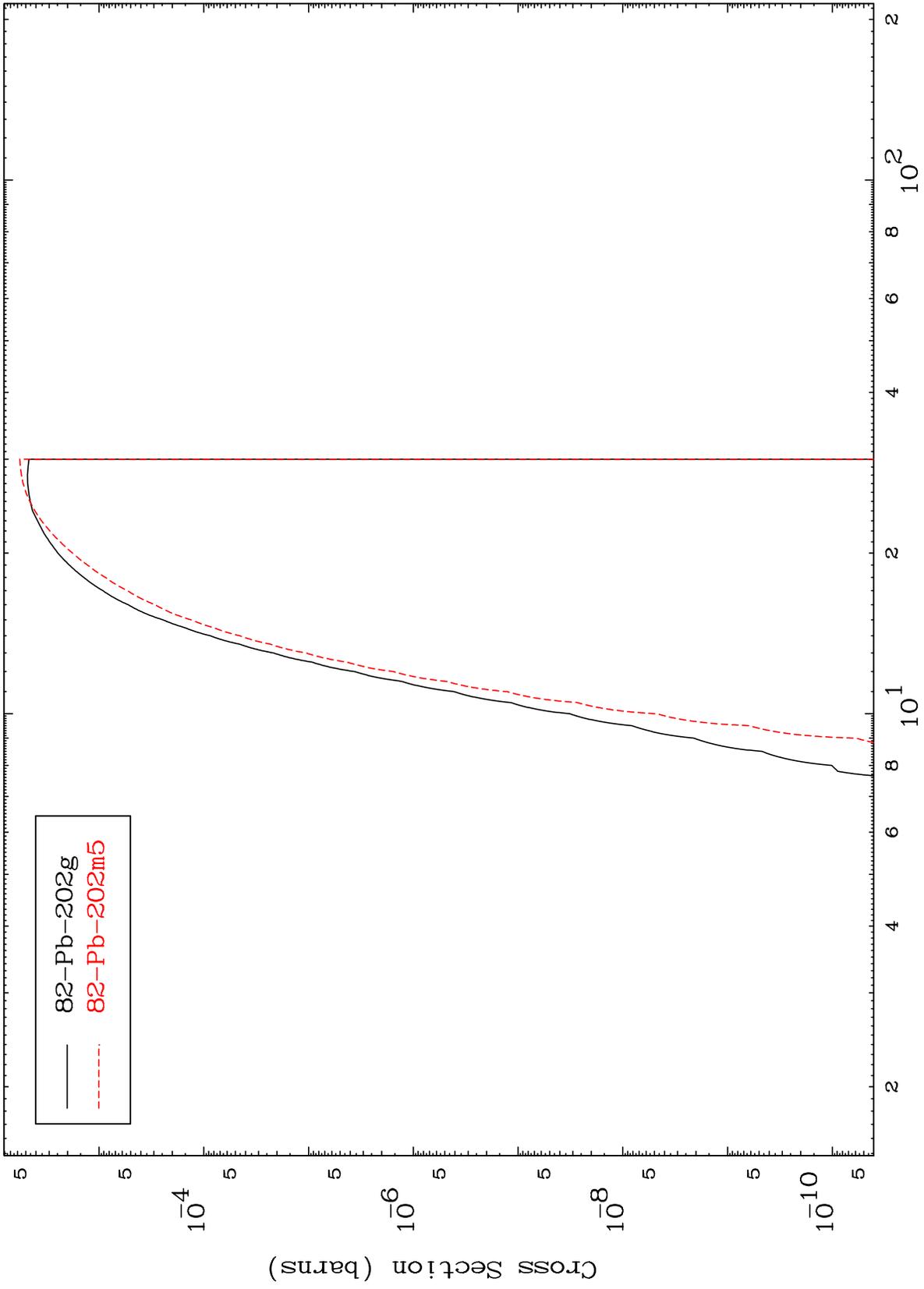
Incident Energy (MeV)

83-Bi-204

MAT 8310

83-Bi-204

(n, t)
Radionuclide Production Cross Section



126

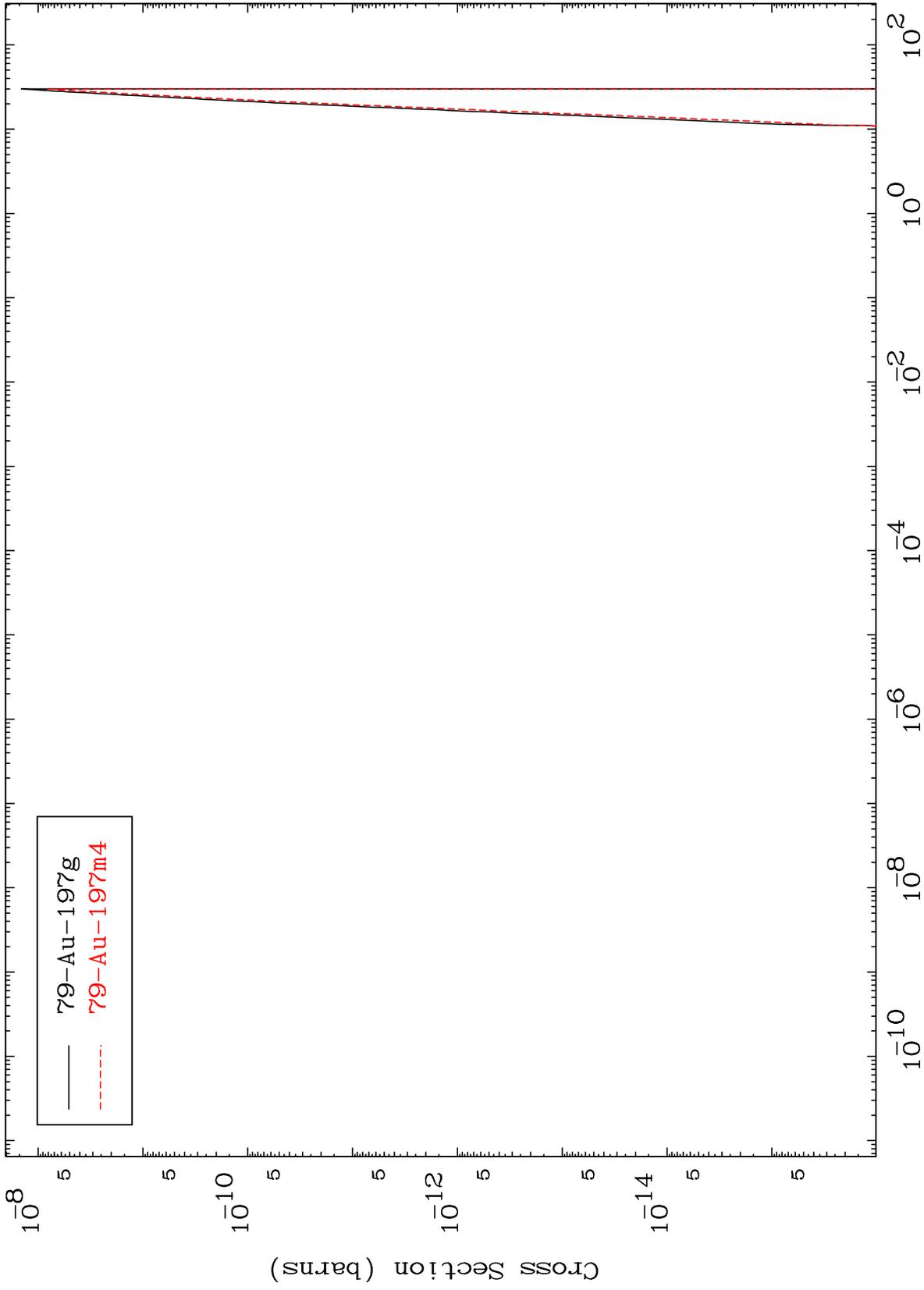
83-Bi-204

MAT 8310

(n,2α)

83-Bi-204

Radionuclide Production Cross Section



127

Incident Energy (MeV)

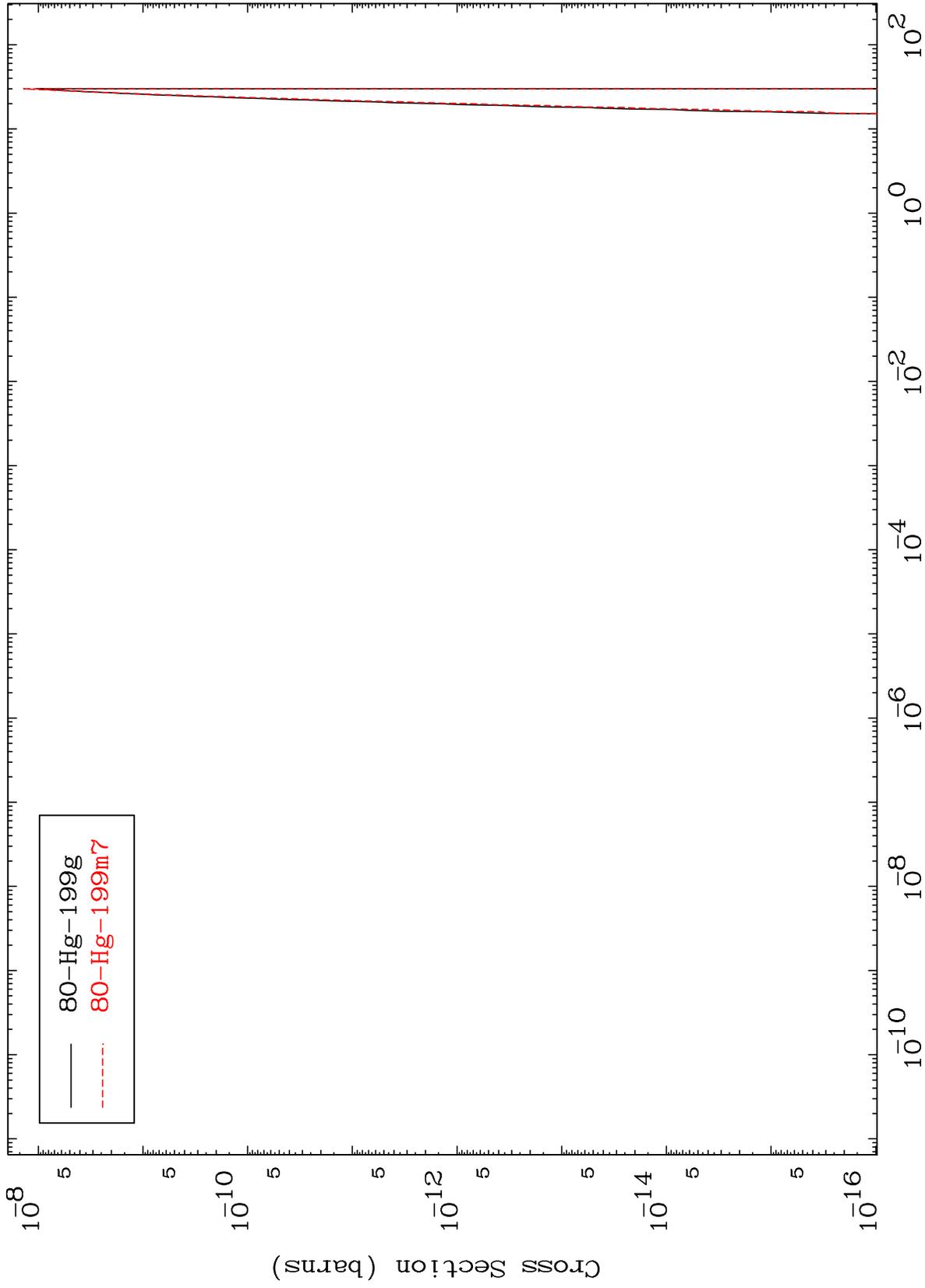
83-Bi-204

MAT 8310

(n,d) α

83-Bi-204

Radionuclide Production Cross Section



128

Incident Energy (MeV)

83-Bi-204