

Program EVALPLOT
(Version 2017-1)

by

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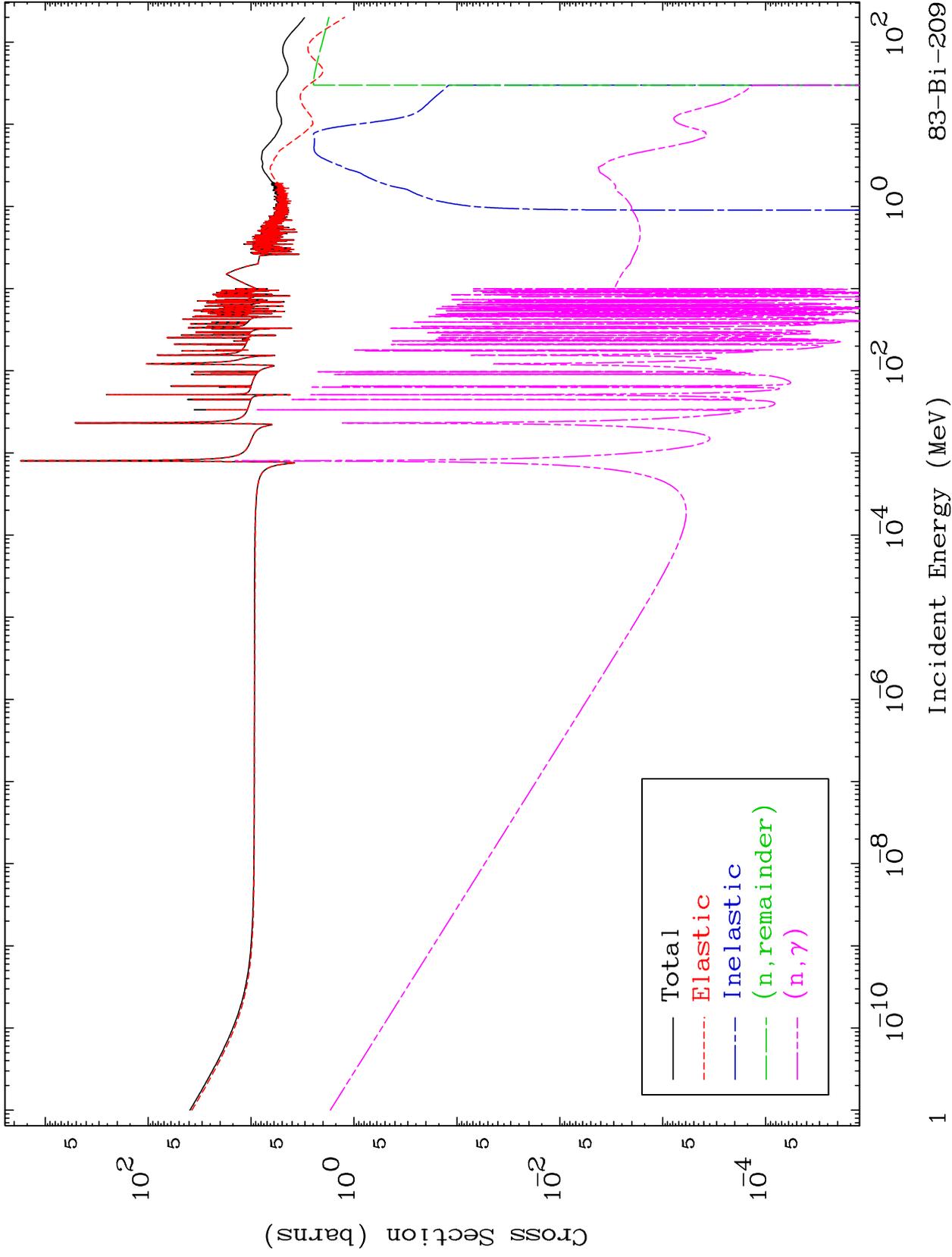
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Press Mouse Button to Start

MAT 8325

Major
293 Kelvin Cross Sections

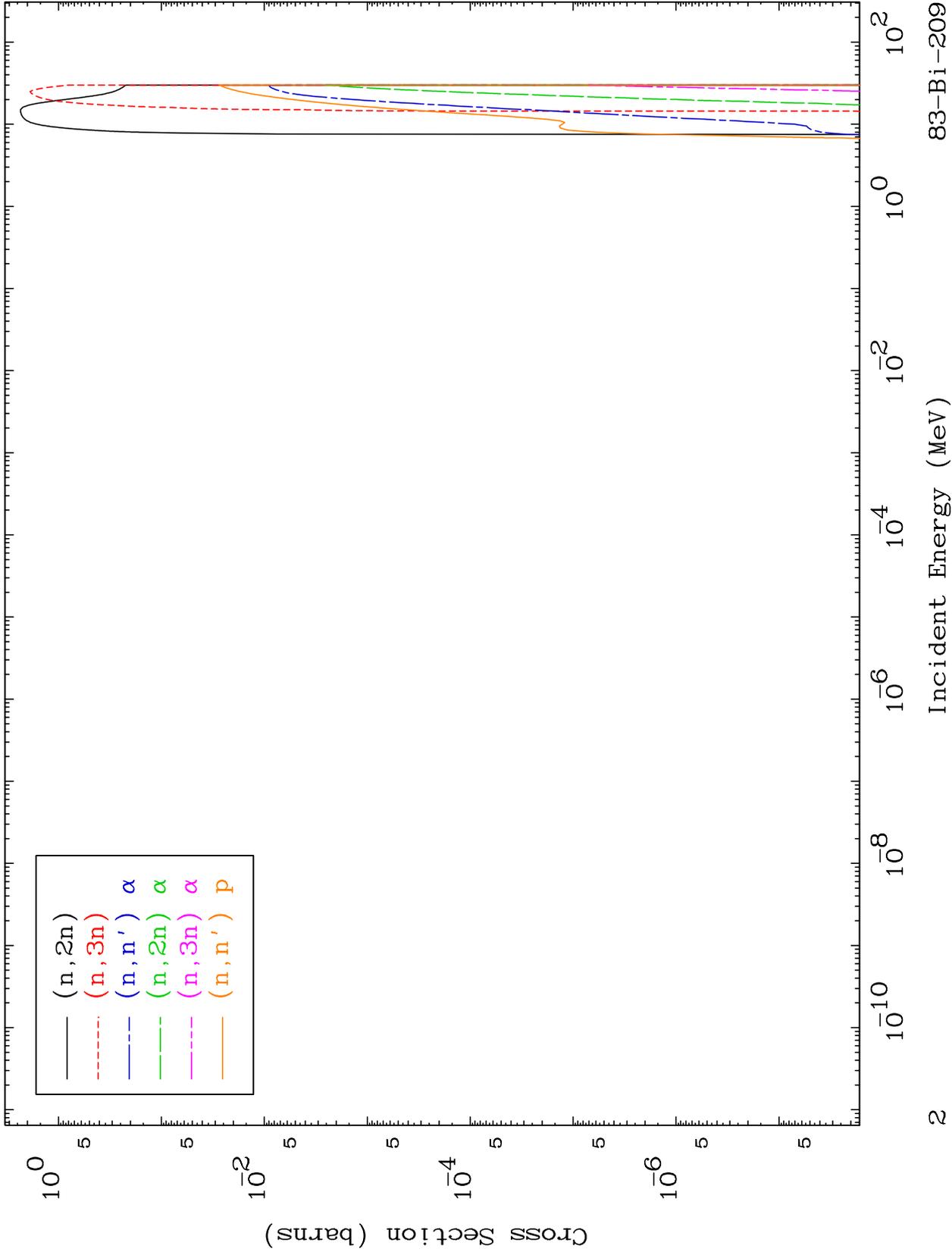
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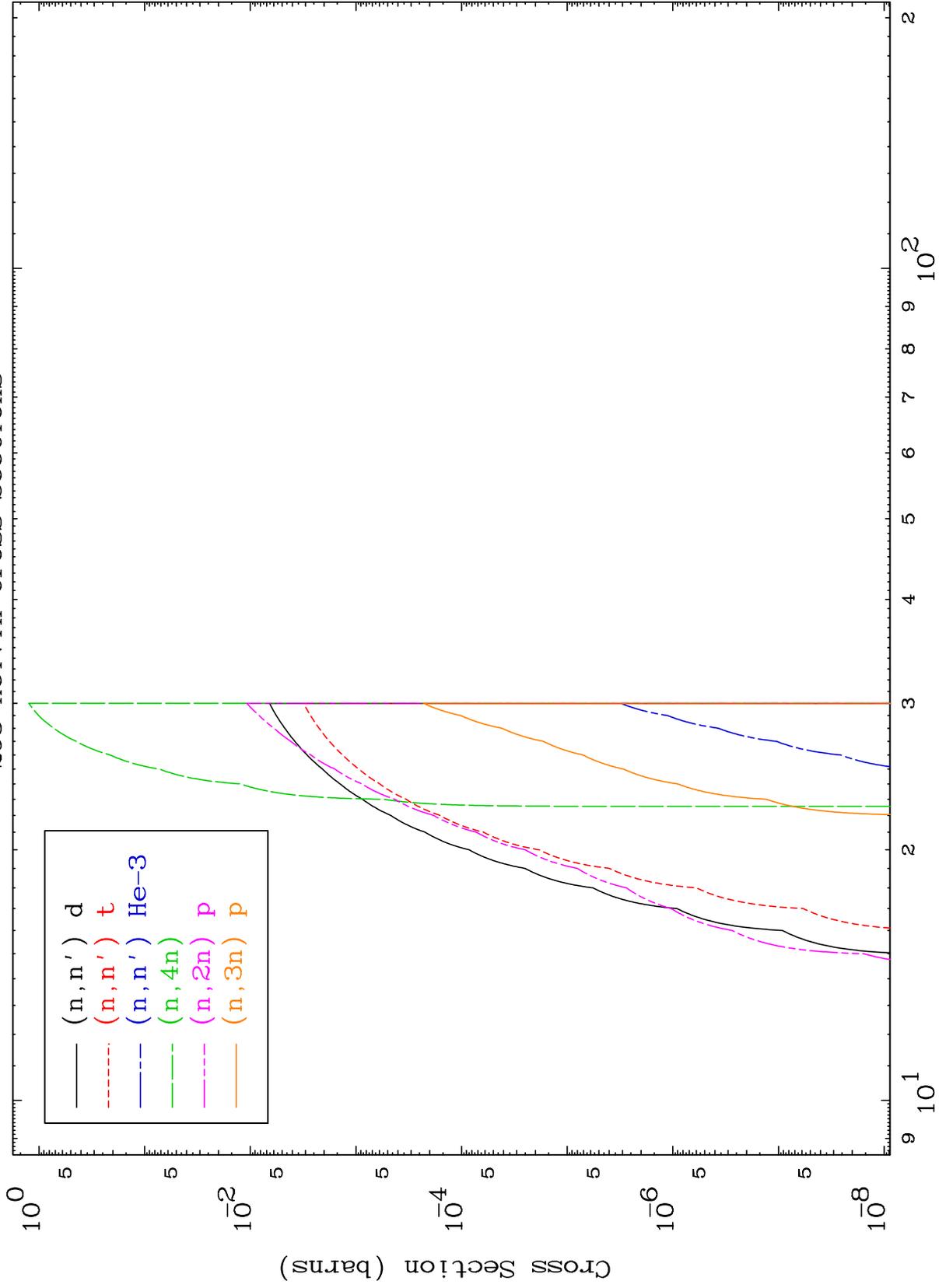


MAT 8325

Neutron Production
293 Kelvin Cross Sections

83-Bi-209

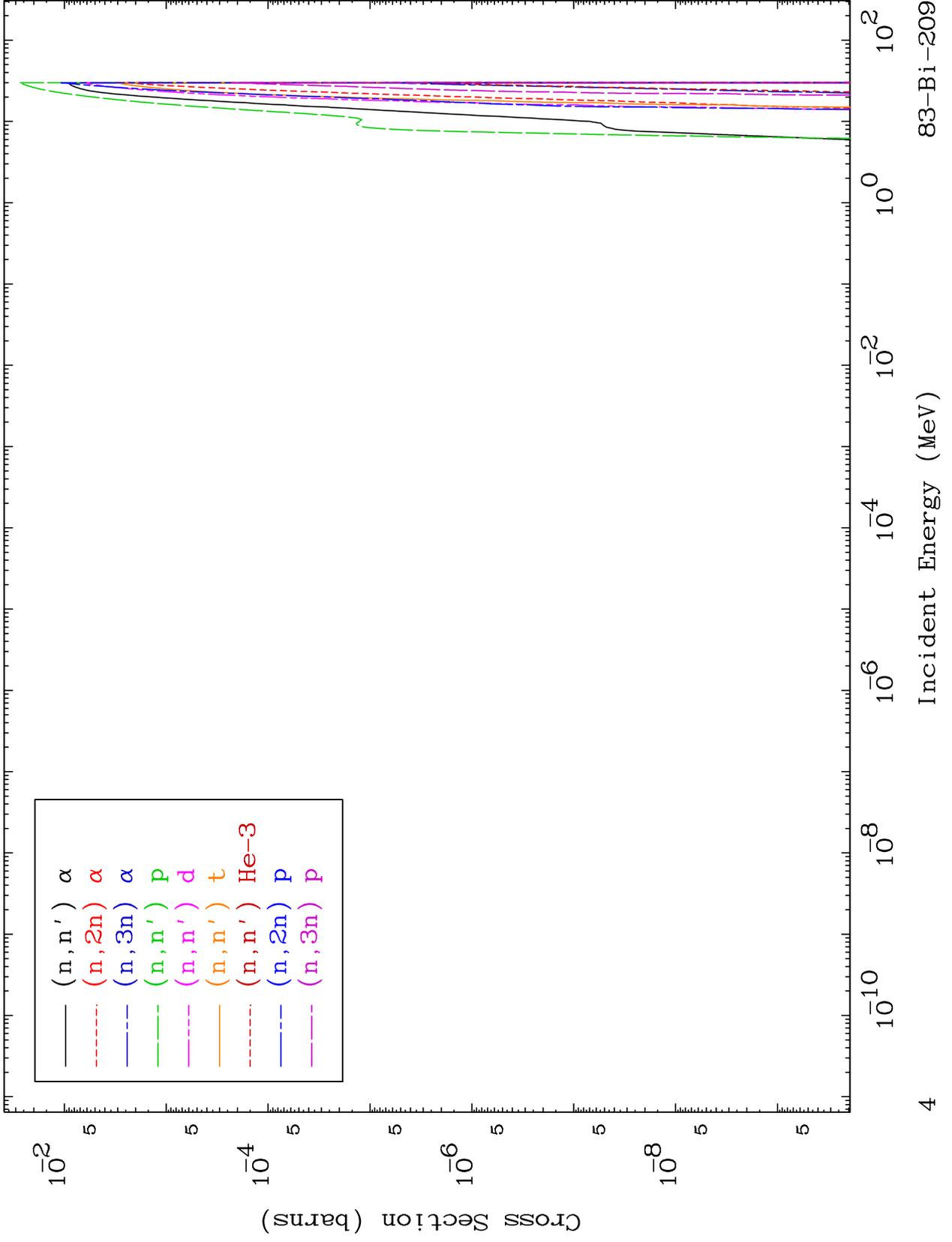




MAT 8325

Charged Particle
293 Kelvin Cross Sections

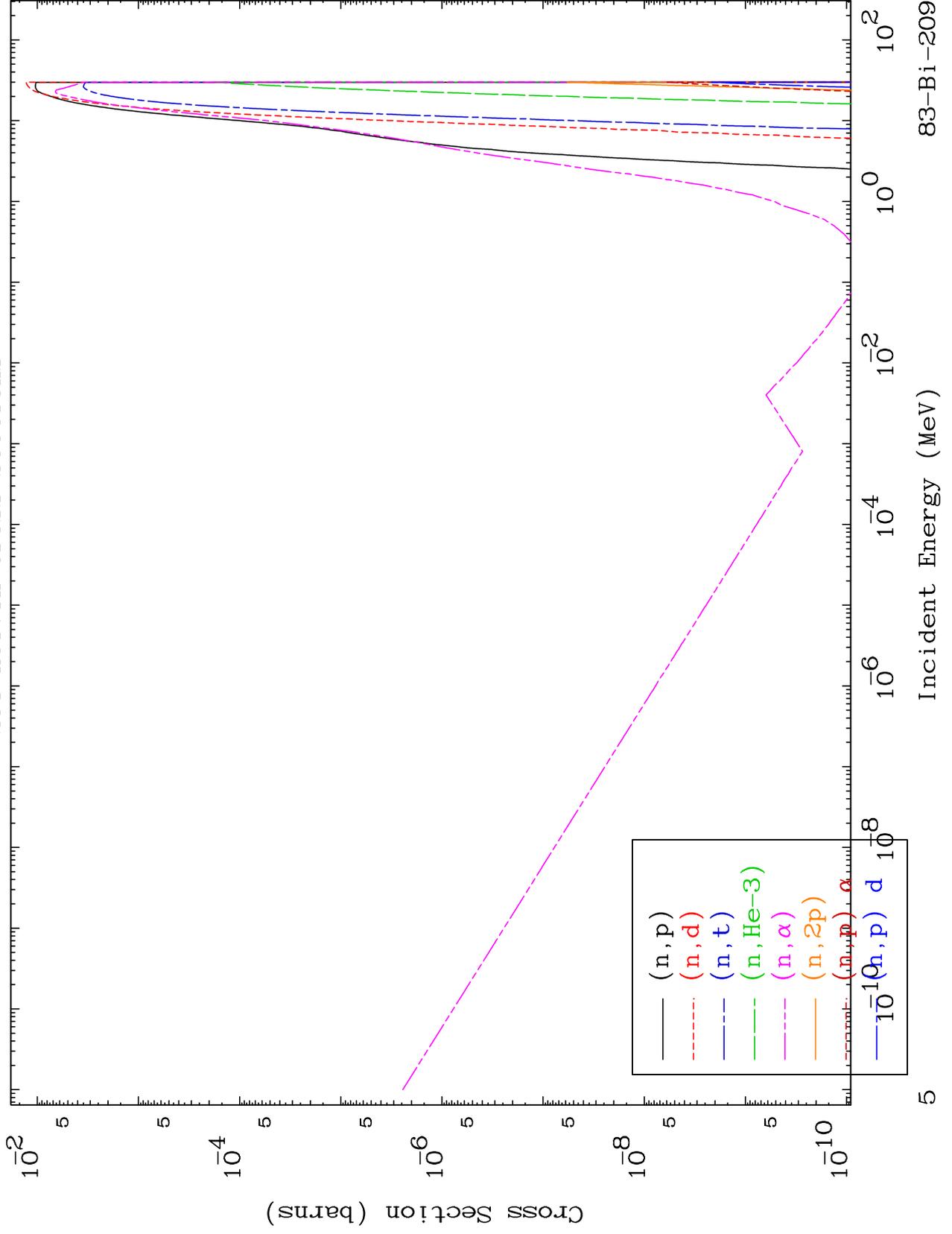
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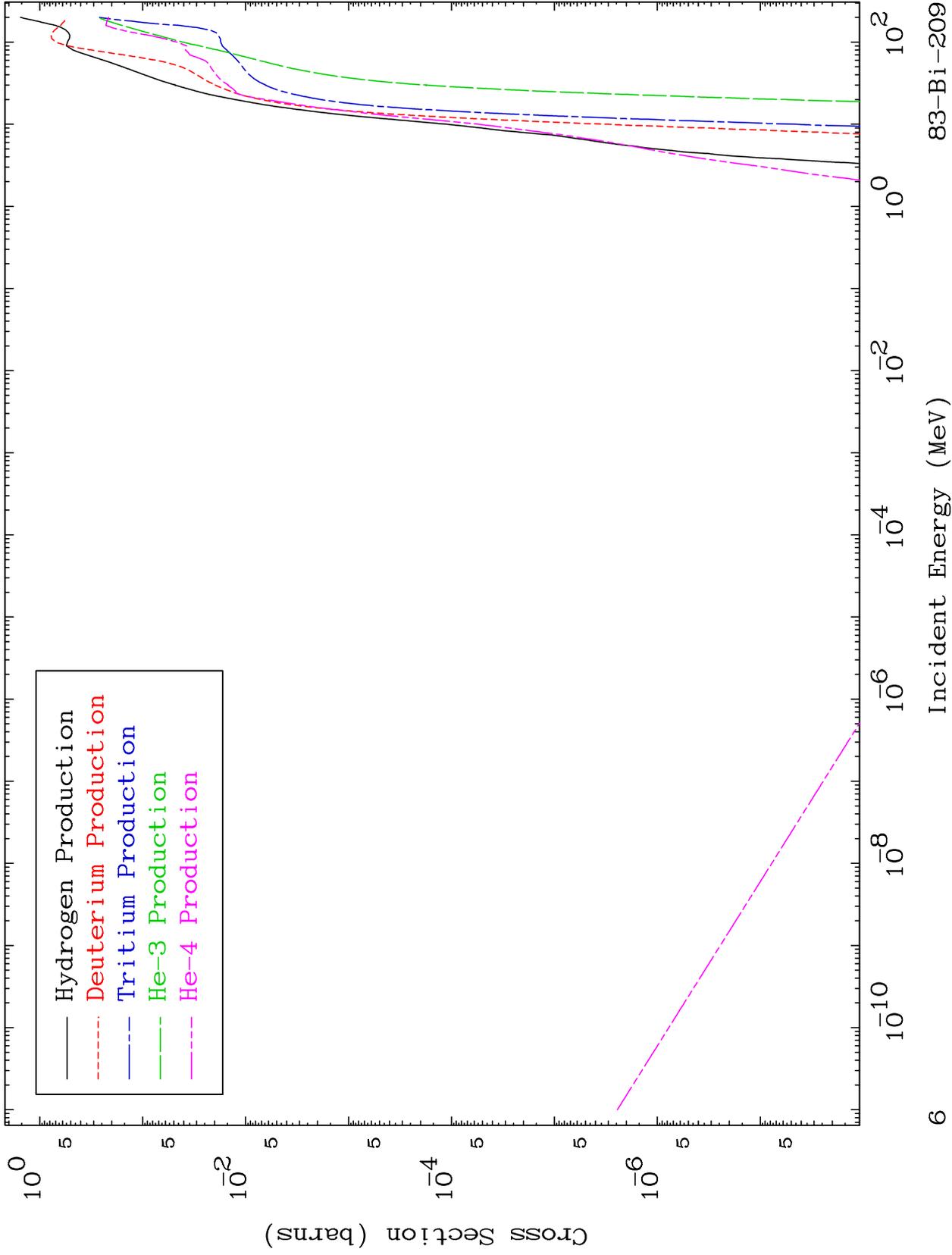


MAT 8325

Charged Particle
293 Kelvin Cross Sections

83-Bi-209



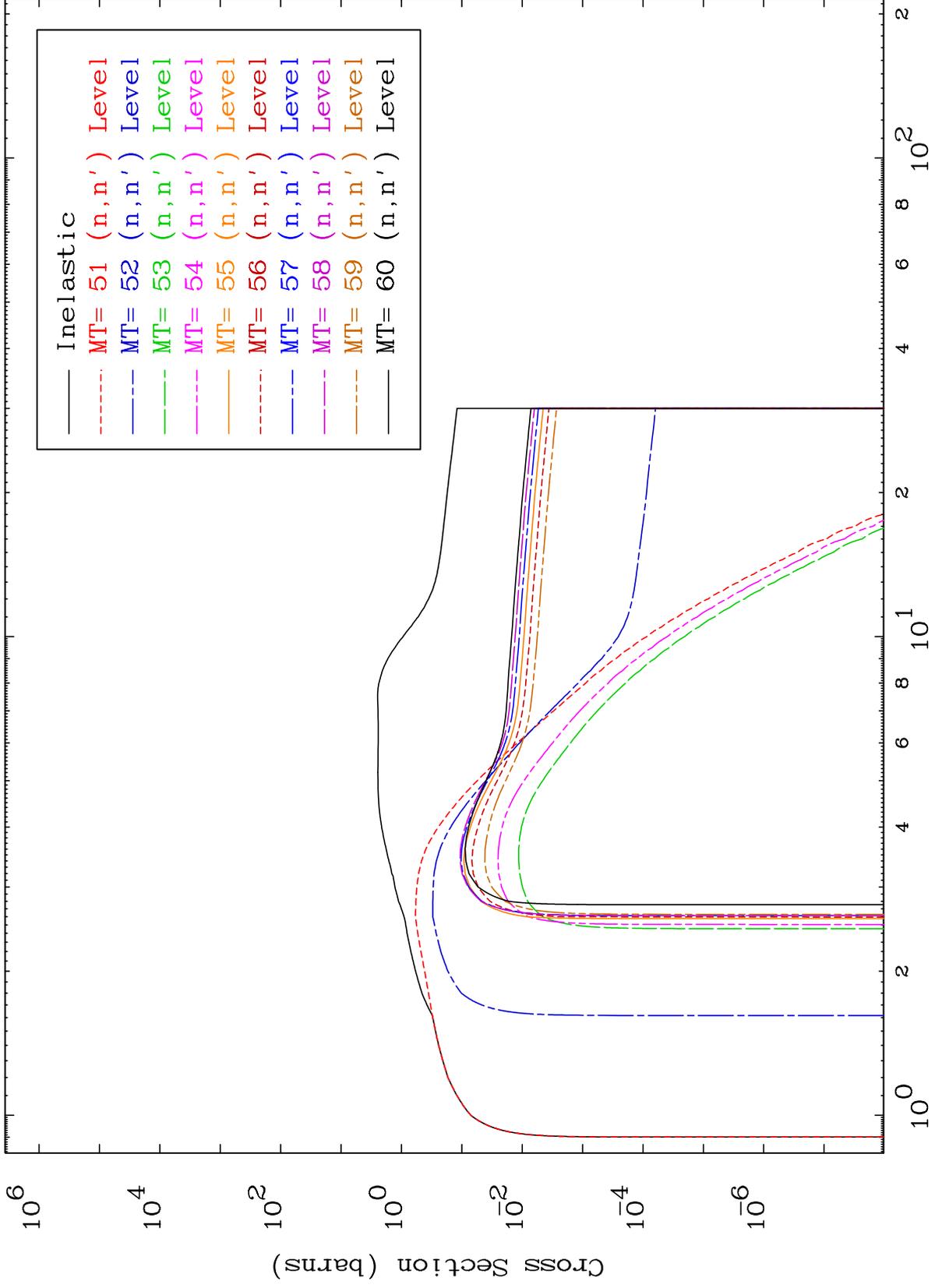


MAT 8325

(n,n') Level

83-Bi-209

293 Kelvin Cross Sections



Incident Energy (MeV)

83-Bi-209

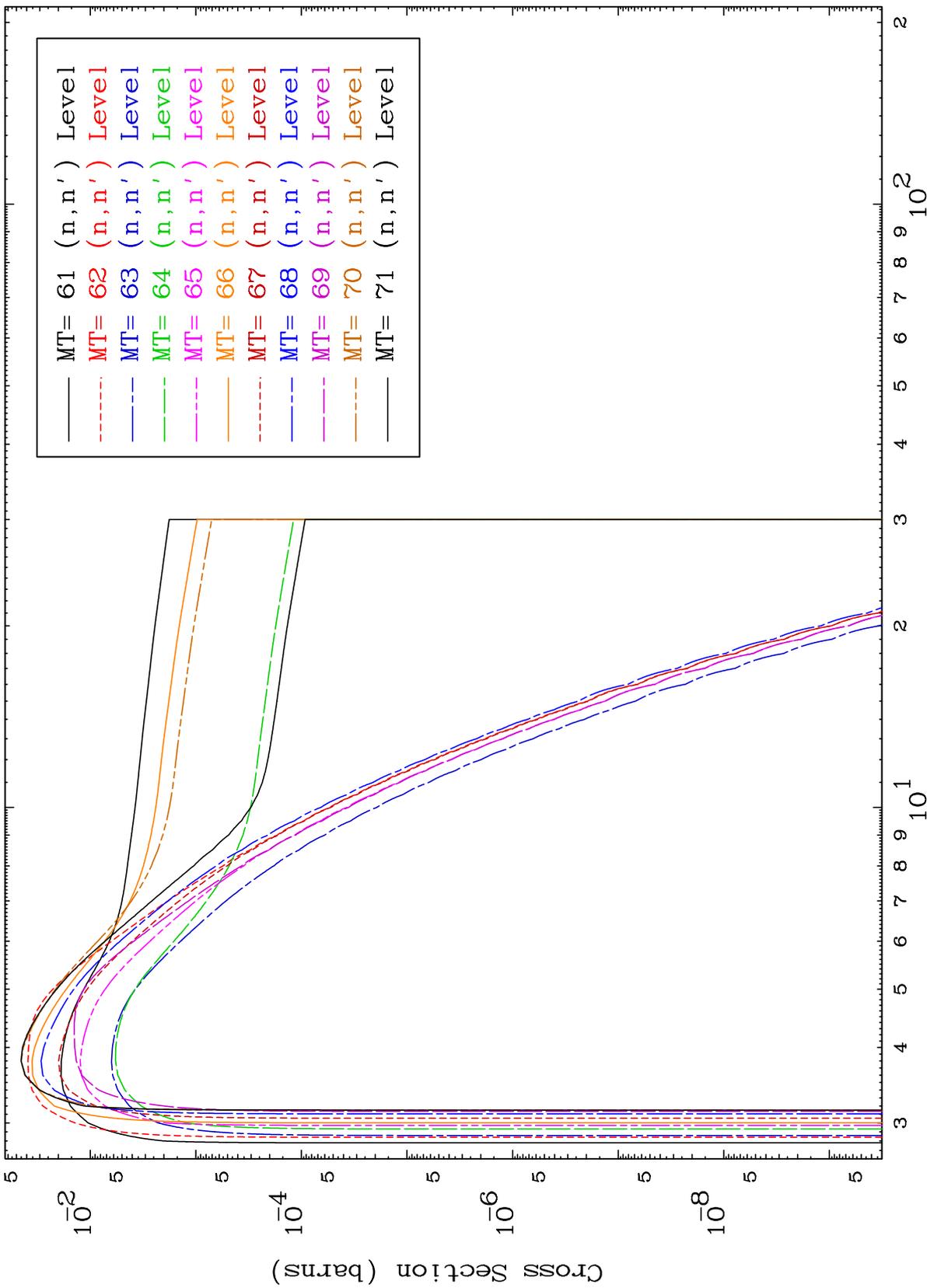
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(n,n') Level

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293 Kelvin Cross Sections



8

Incident Energy (MeV)

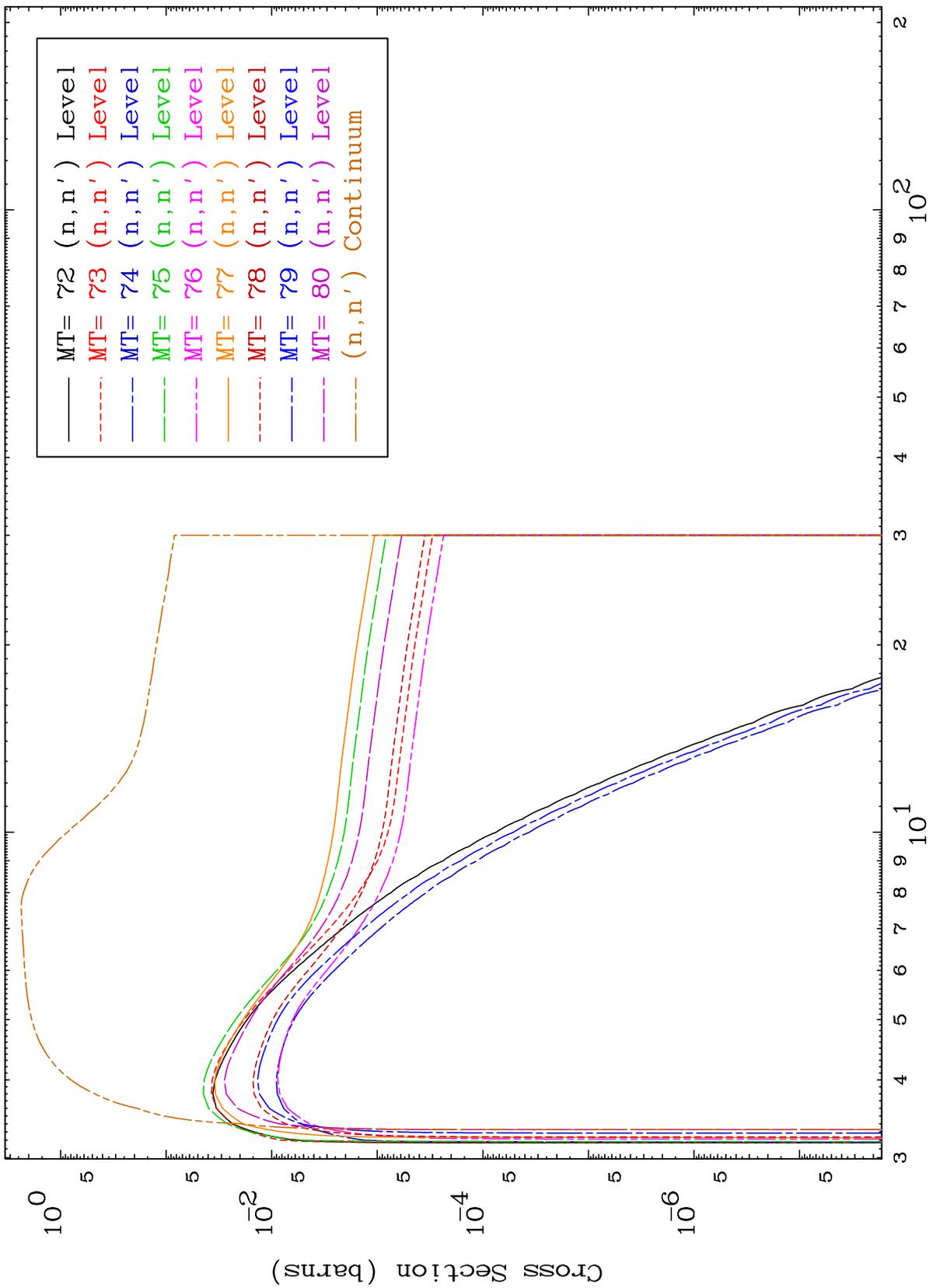
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MAT 8325

(n,n') Level

83-Bi-209

293 Kelvin Cross Sections



9

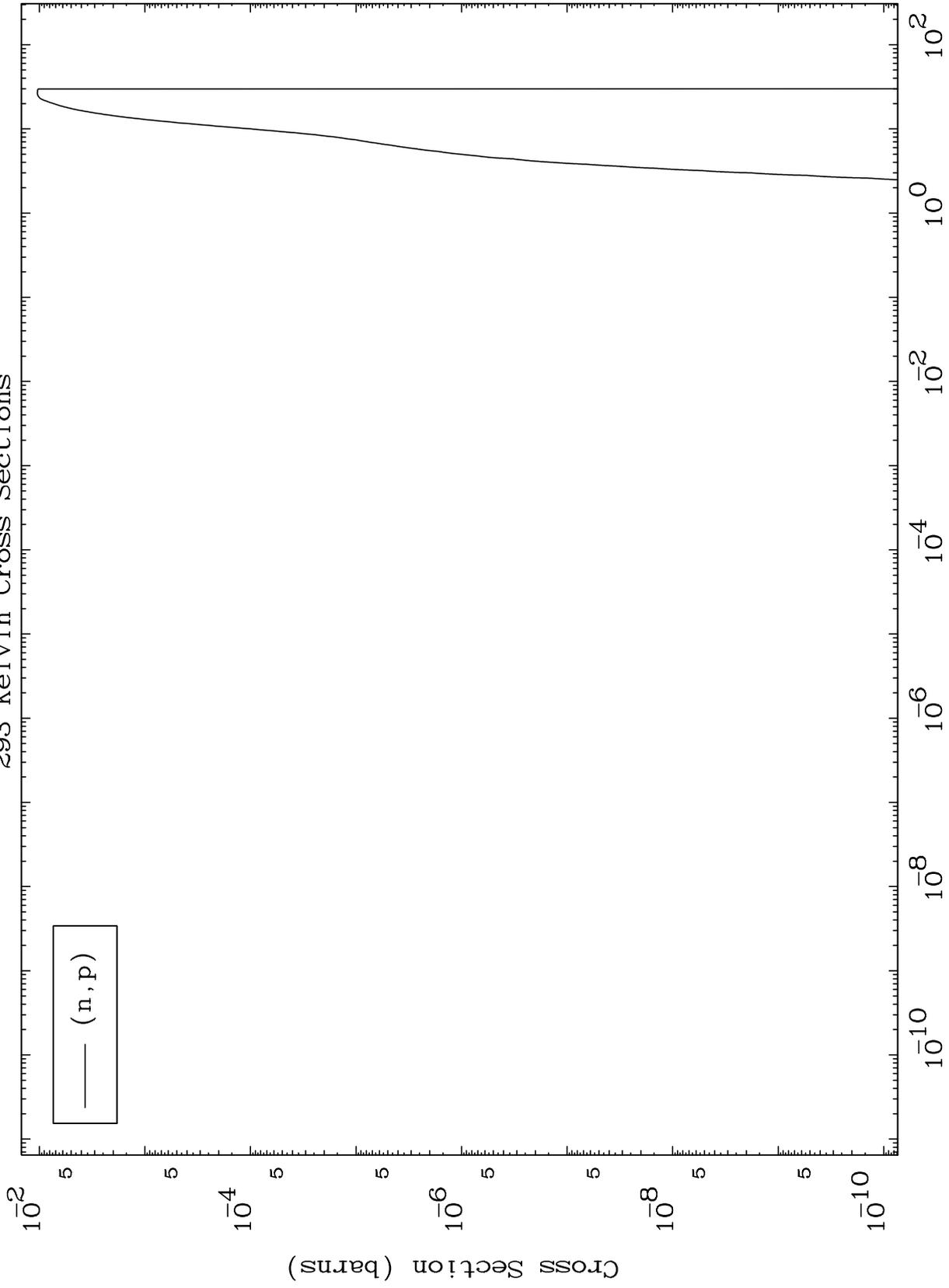
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83-Bi-209

MAT 8325

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-209



10

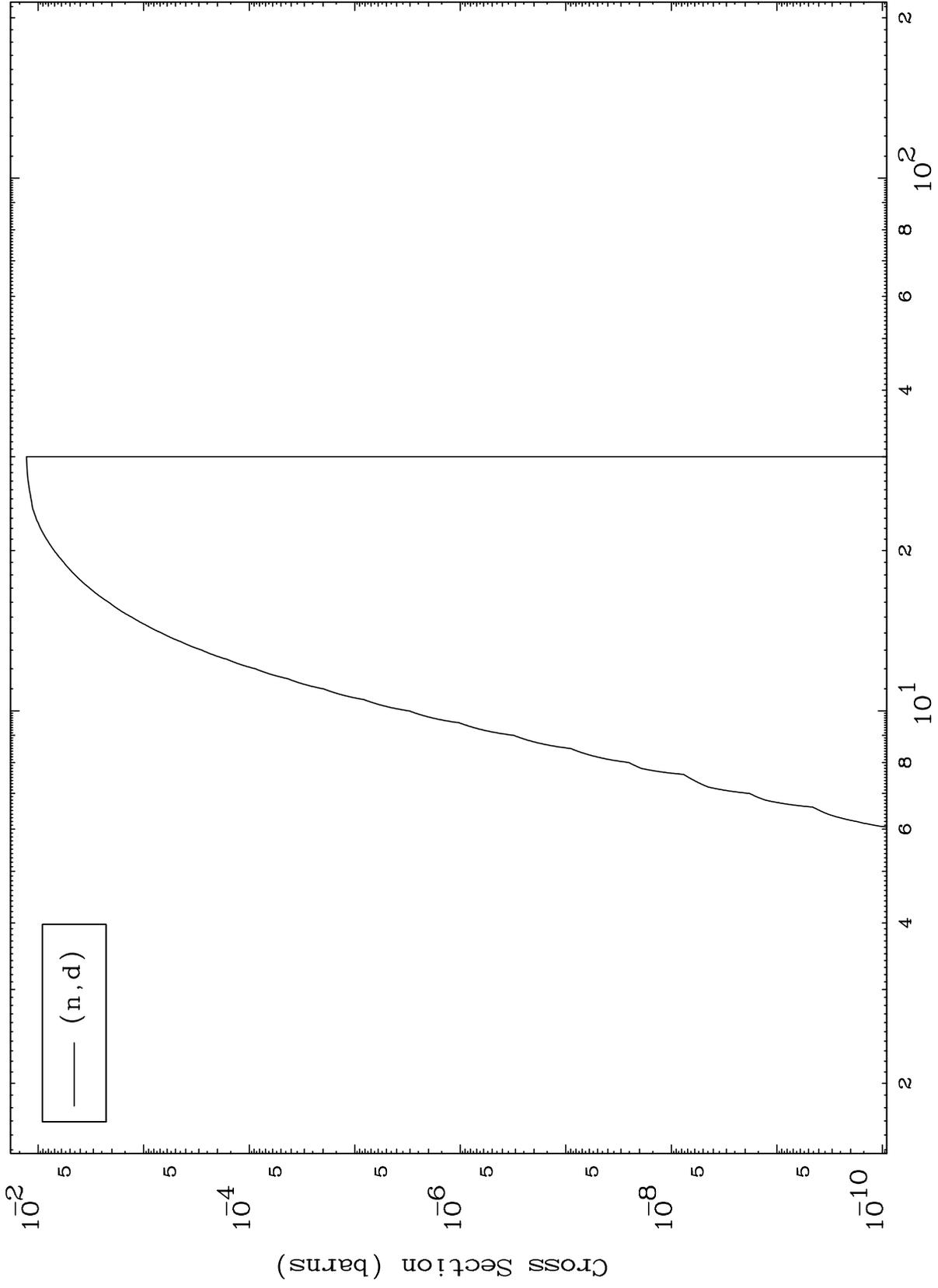
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(n,d) Levels
293 Kelvin Cross Sections

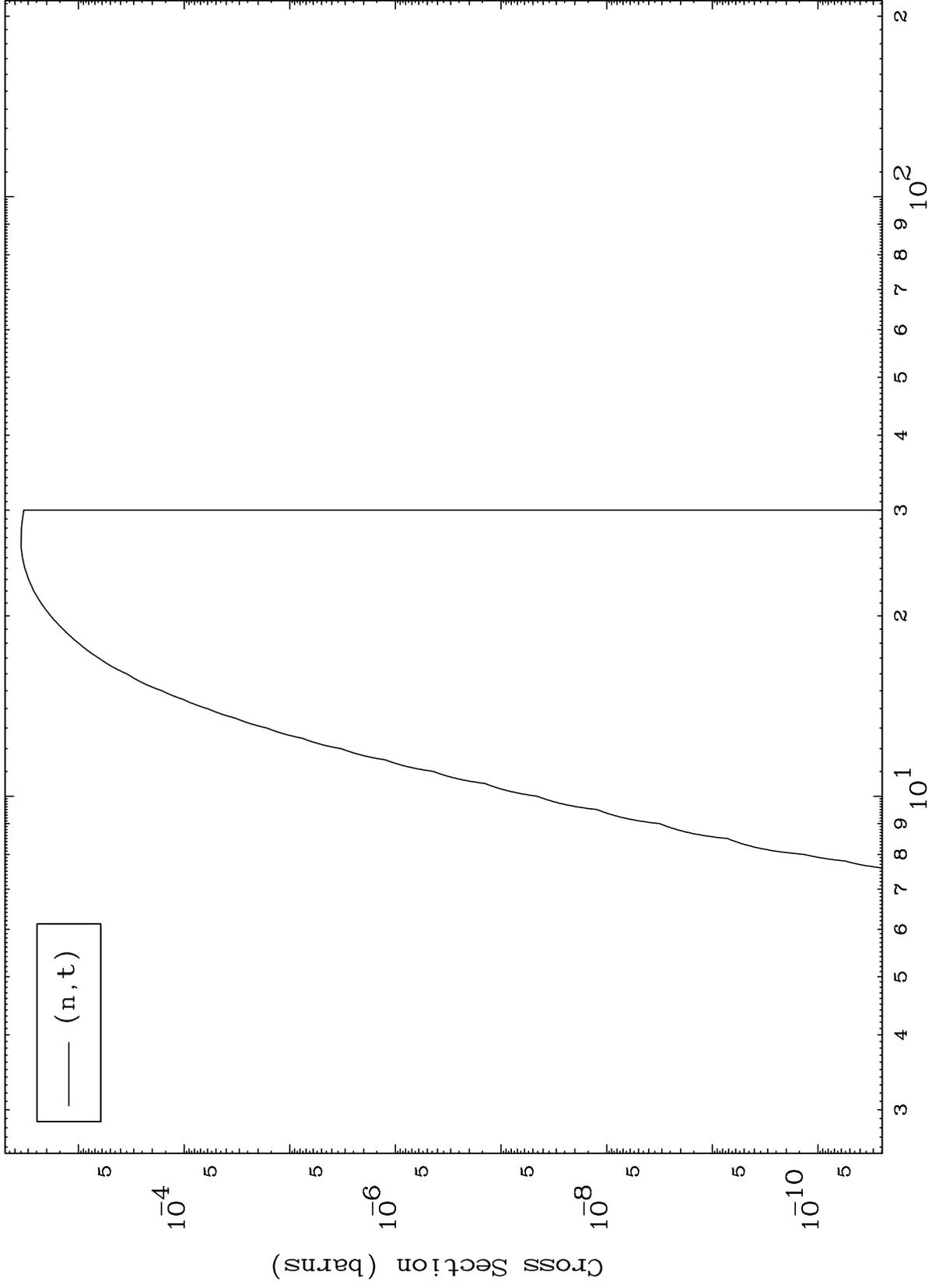
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MAT 8325

(n,t) Levels
293 Kelvin Cross Sections

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12

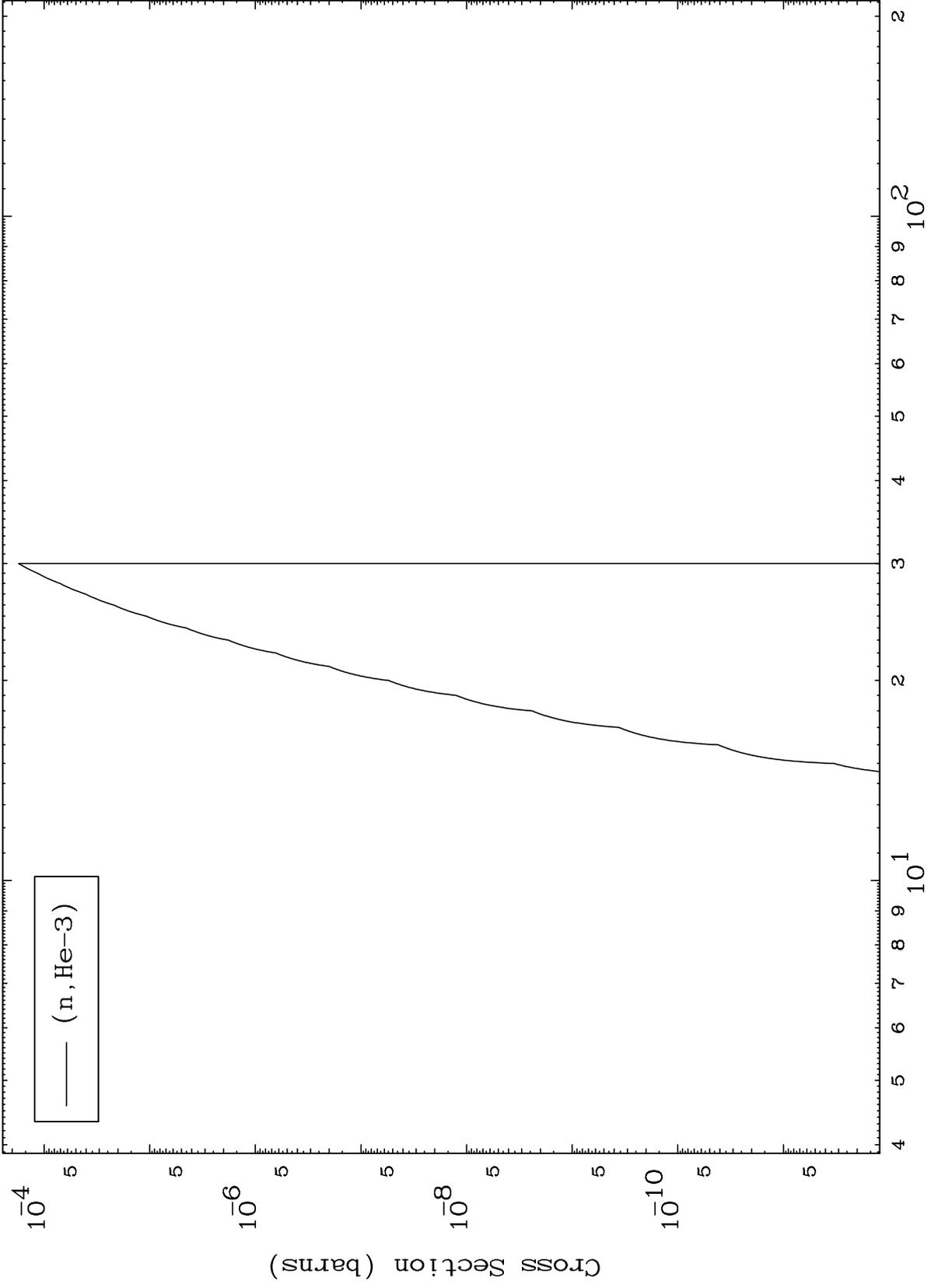
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MAT 8325

(n,He3) Levels
293 Kelvin Cross Sections

83-Bi-209



13

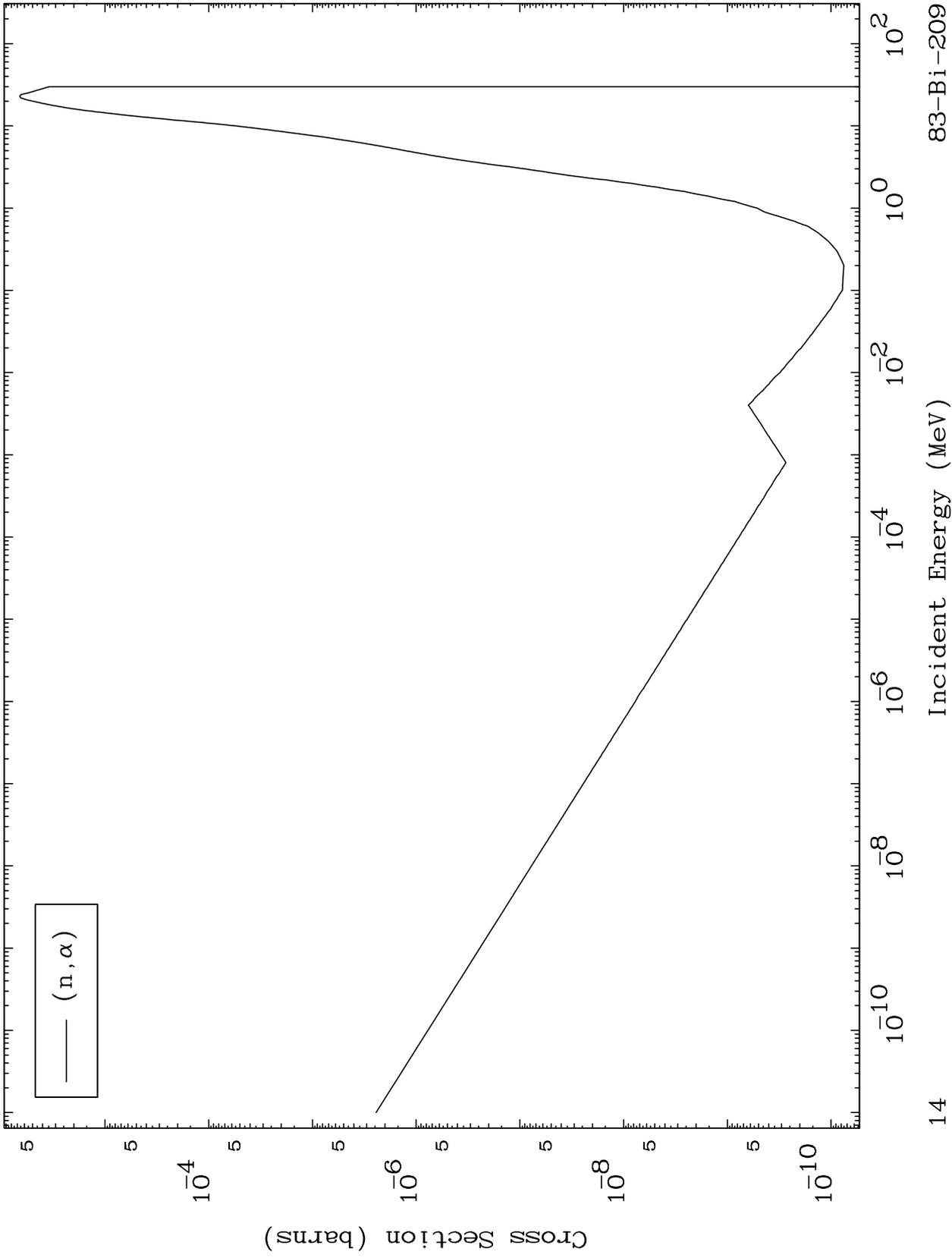
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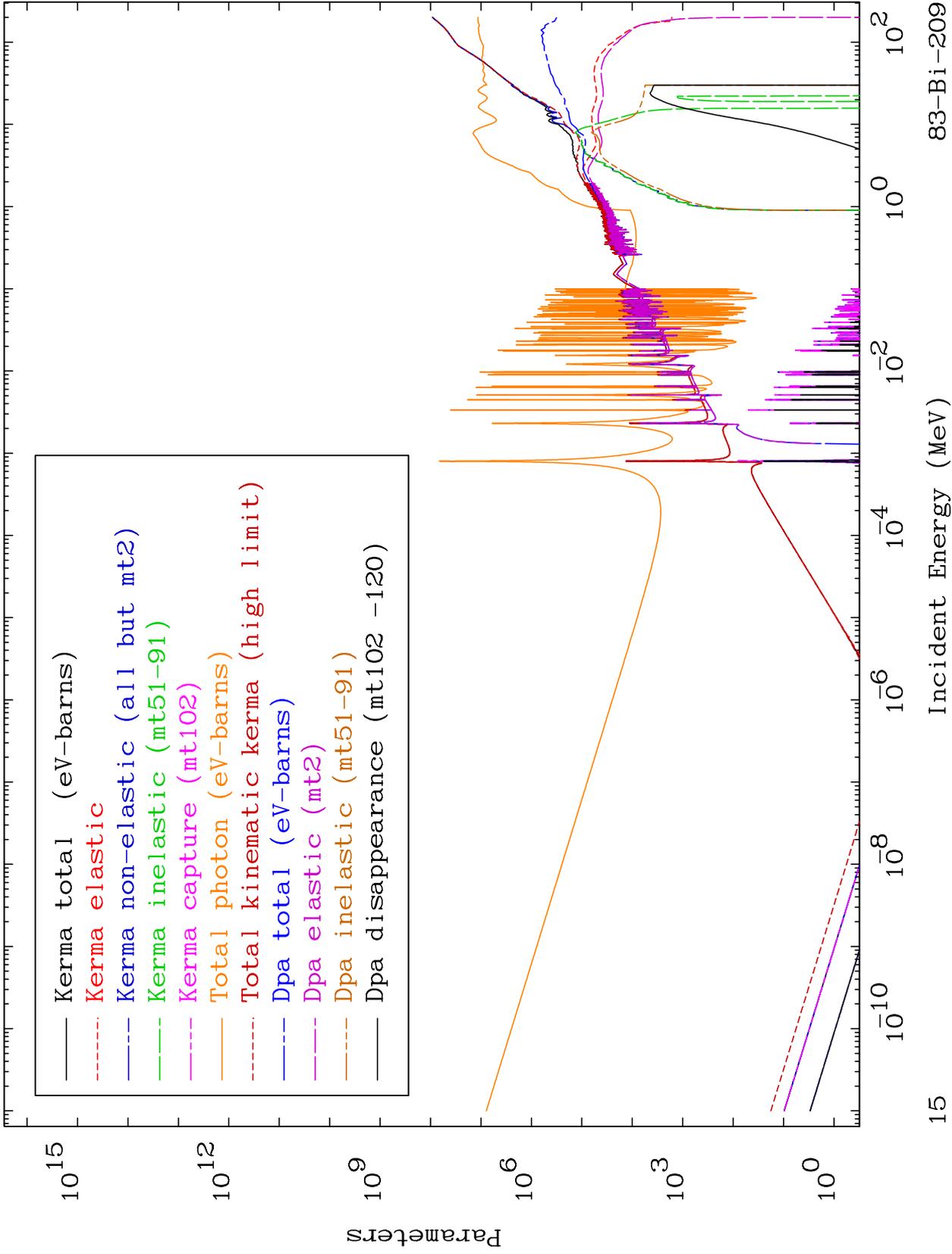
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MAT 8325

(n, α) Levels
293 Kelvin Cross Sections

83-Bi-209

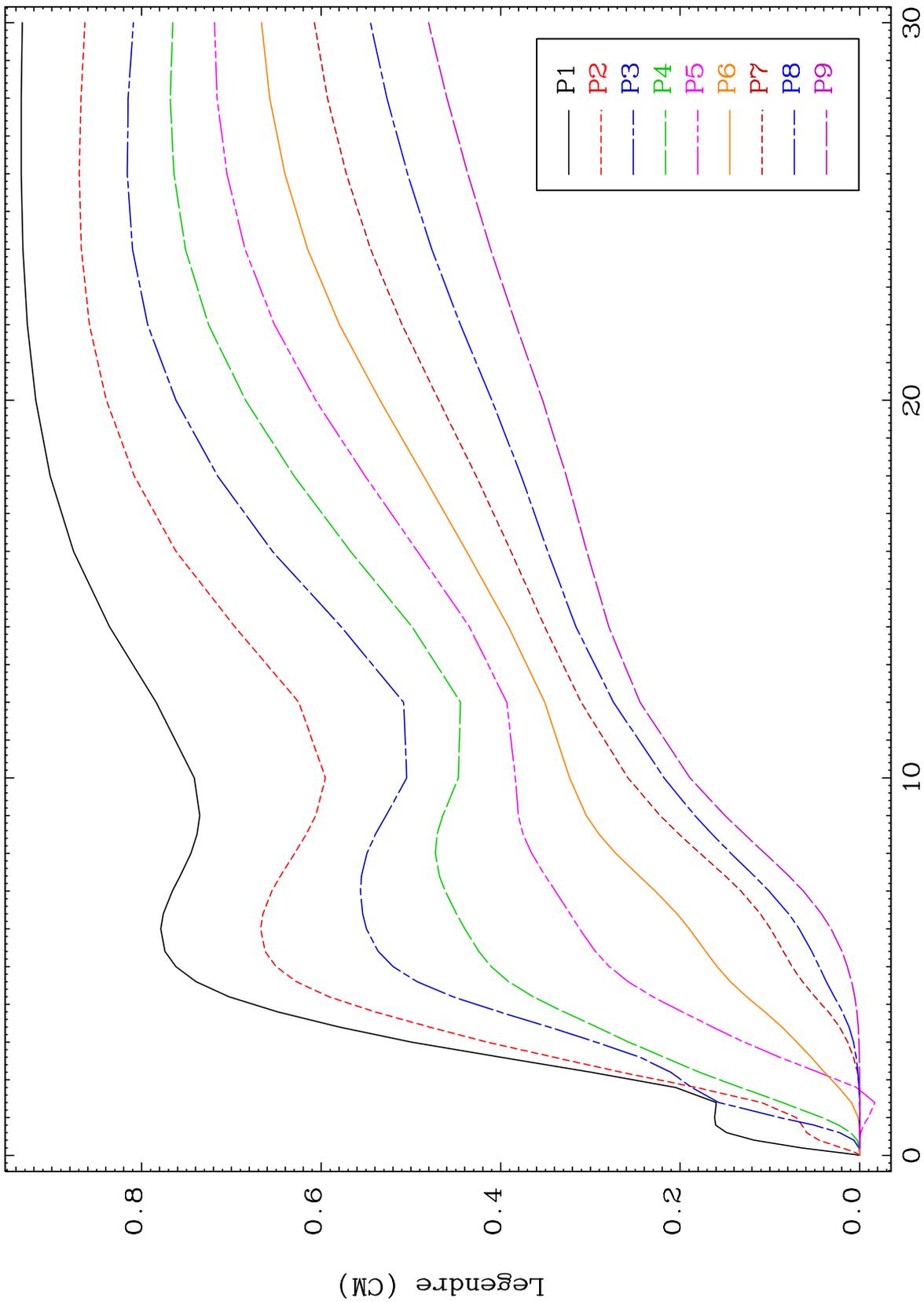




MAT 8325

83-Bi-209

Elastic Legendre Coefficients



83-Bi-209

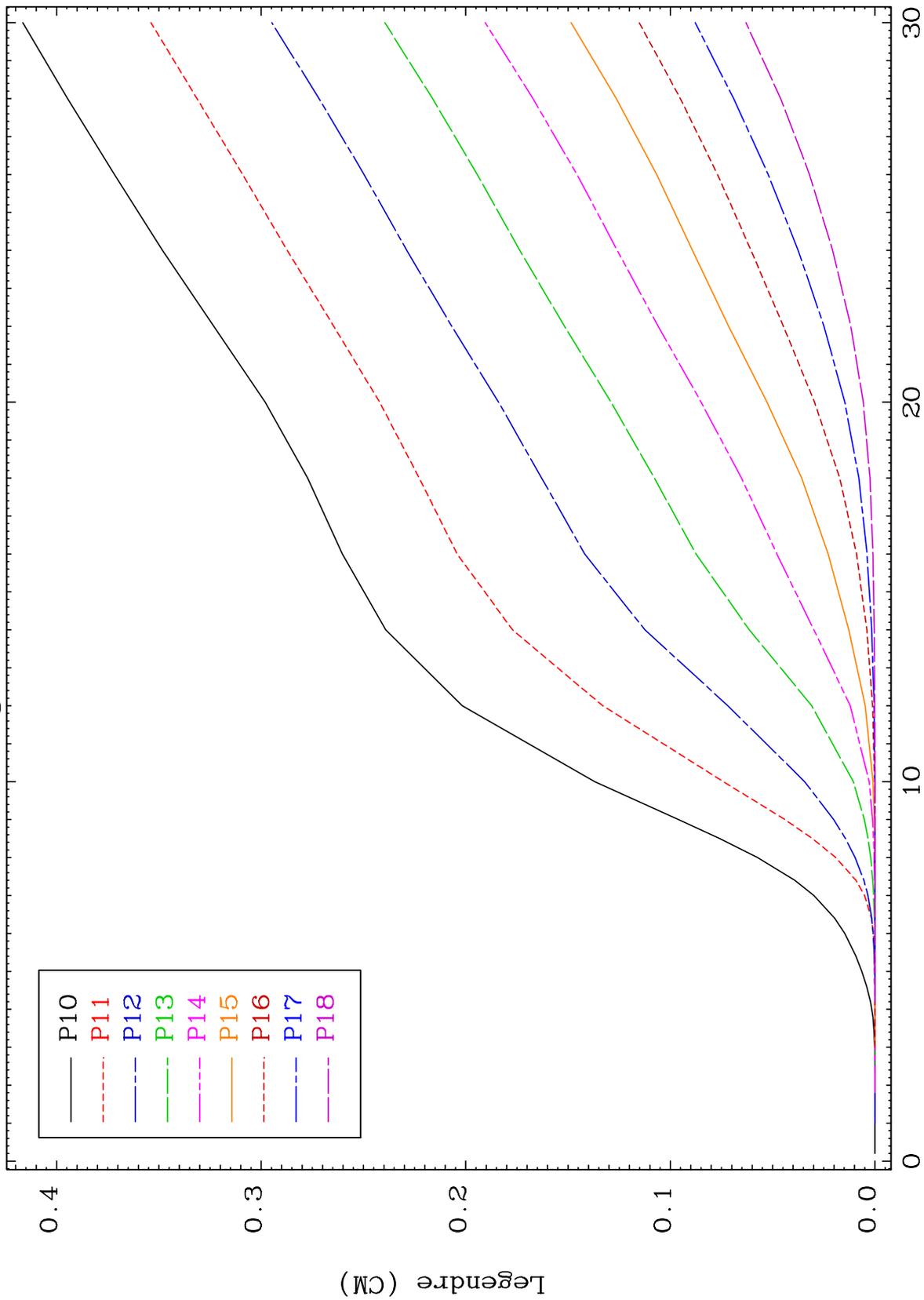
Incident Energy (MeV)

16

MAT 8325

Elastic Legendre Coefficients

83-Bi-209



17

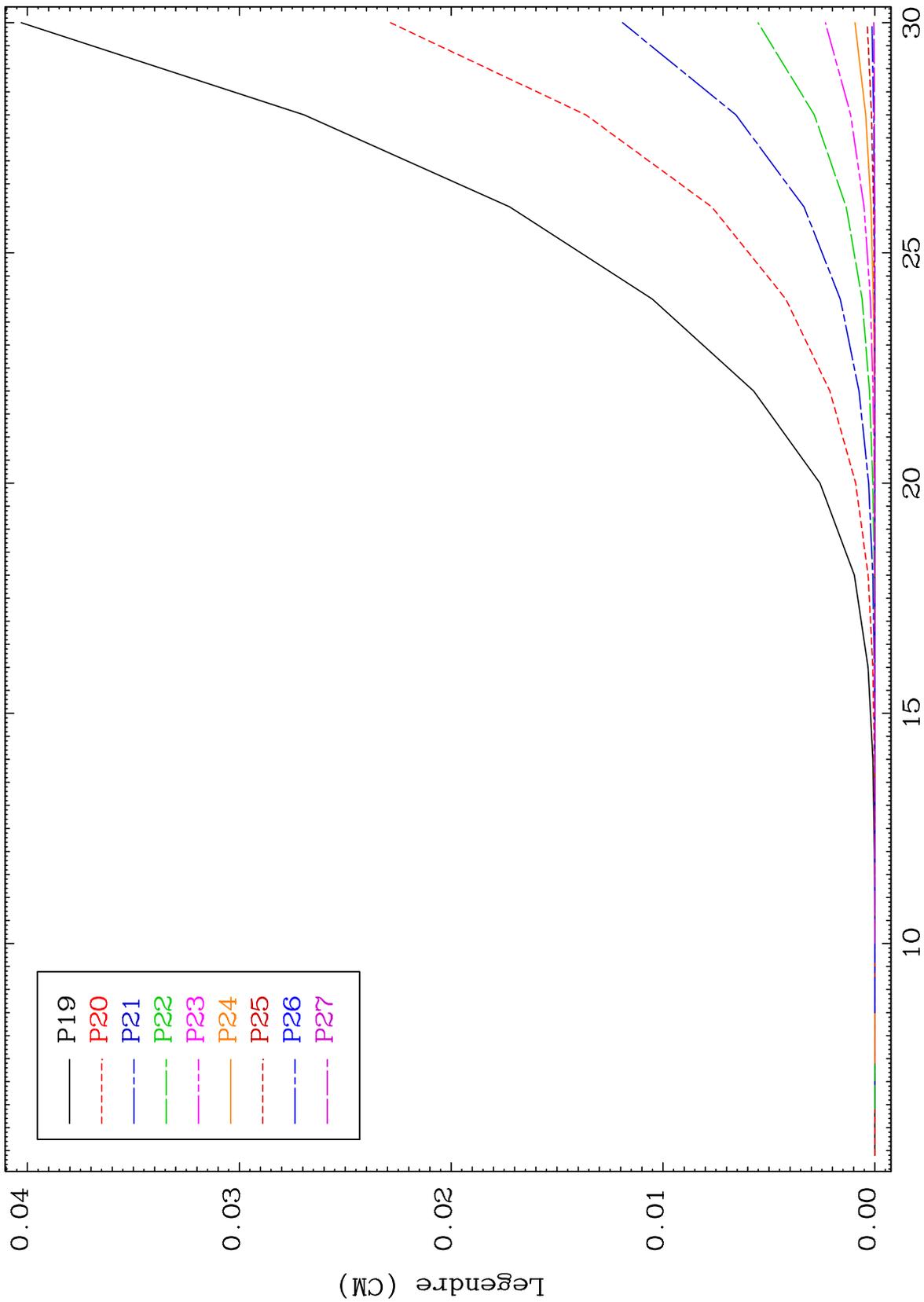
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MAT 8325

Elastic
Legendre Coefficients

83-Bi-209



18

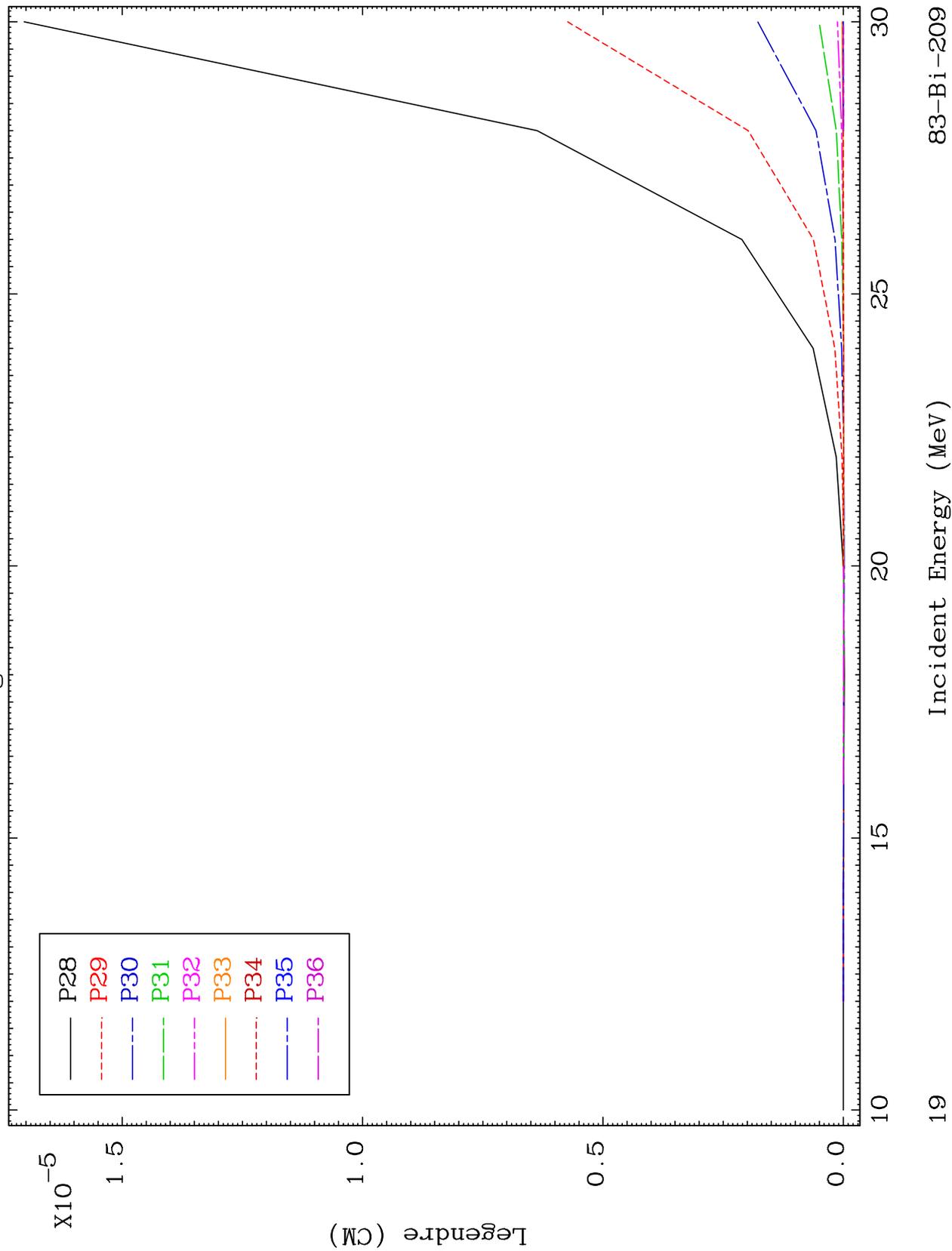
Incident Energy (MeV)

83-Bi-209

MAT 8325

Elastic Legendre Coefficients

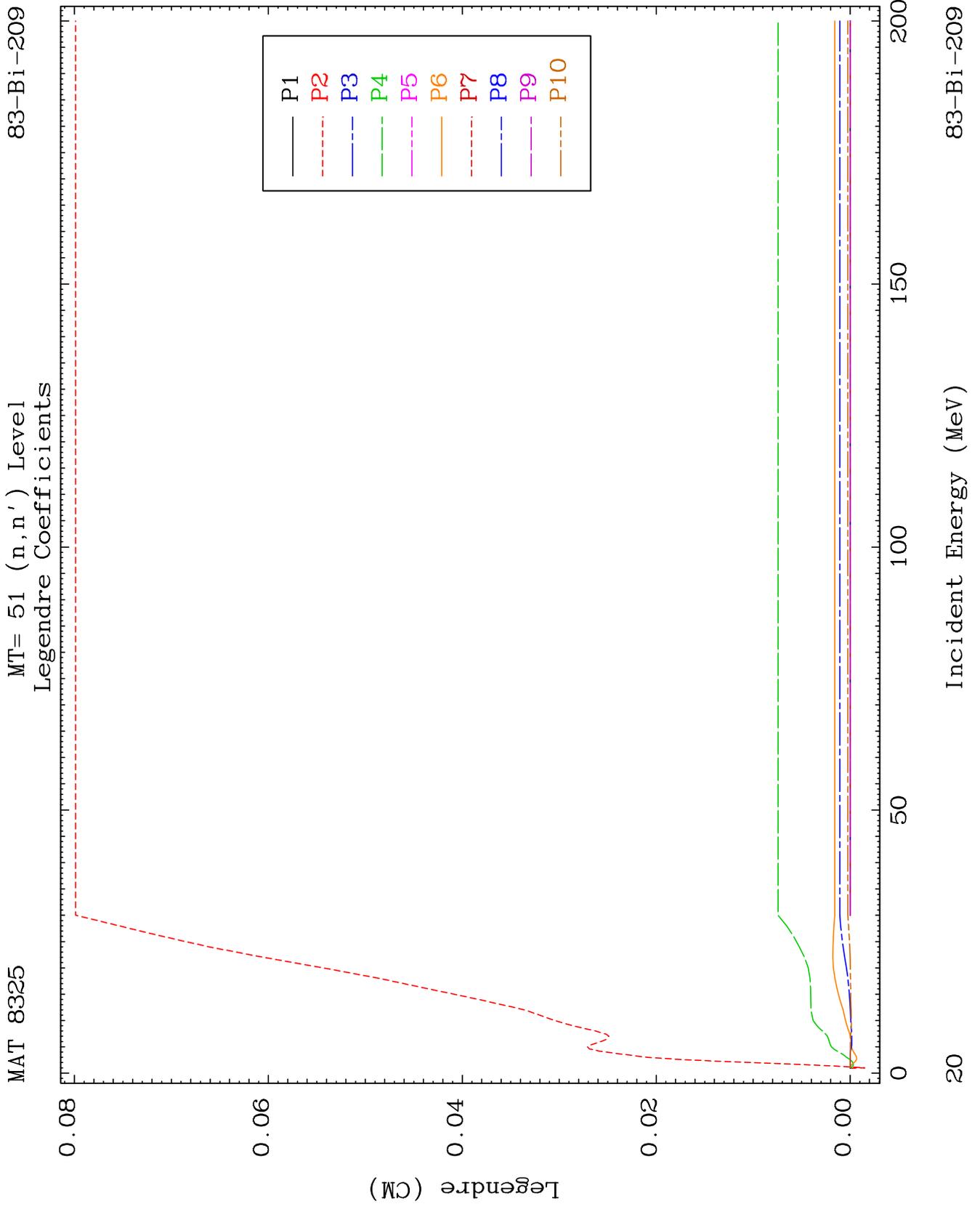
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19

Incident Energy (MeV)

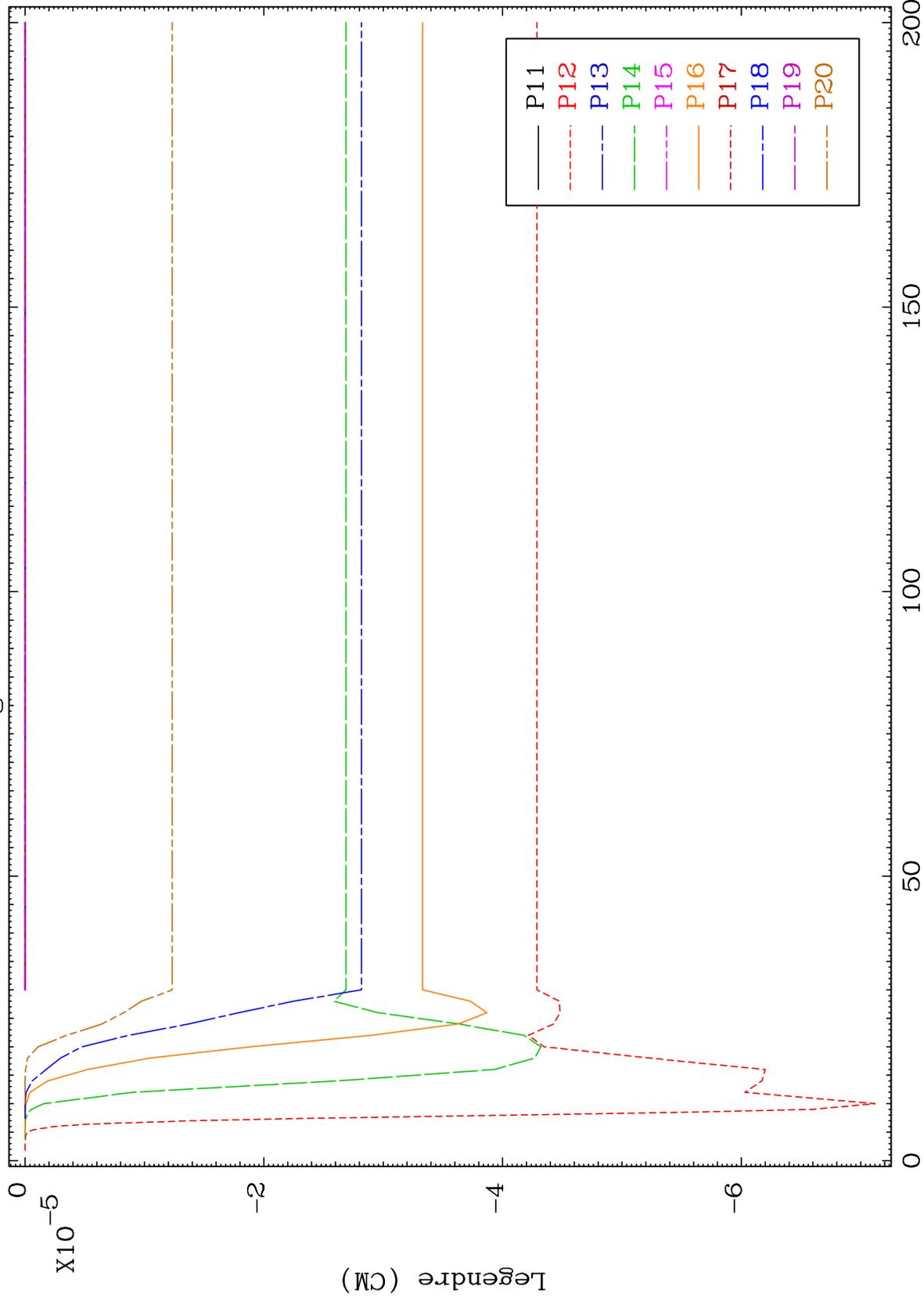
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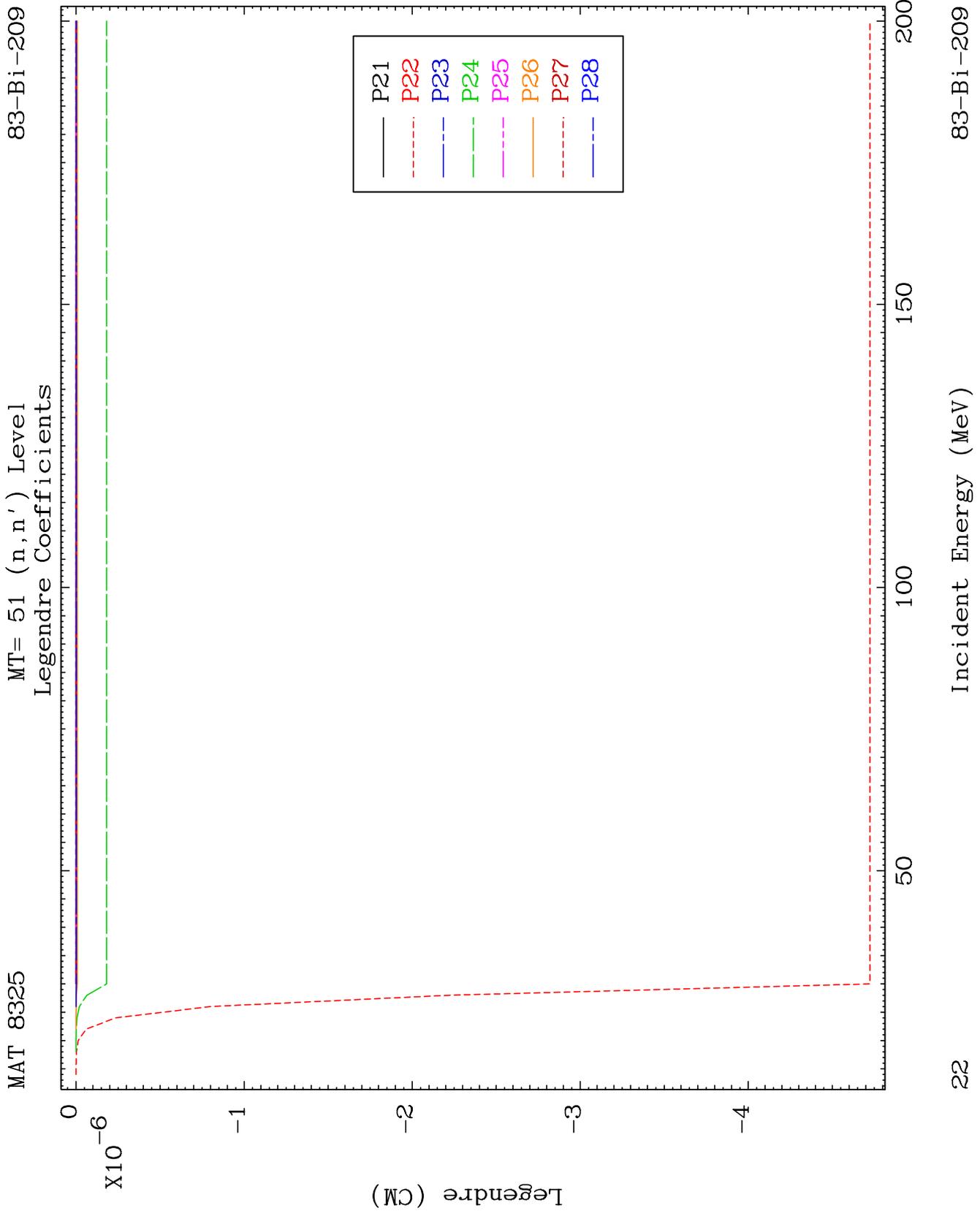
MT= 51 (n,n') Level
Legendre Coefficients

83-Bi-209



21

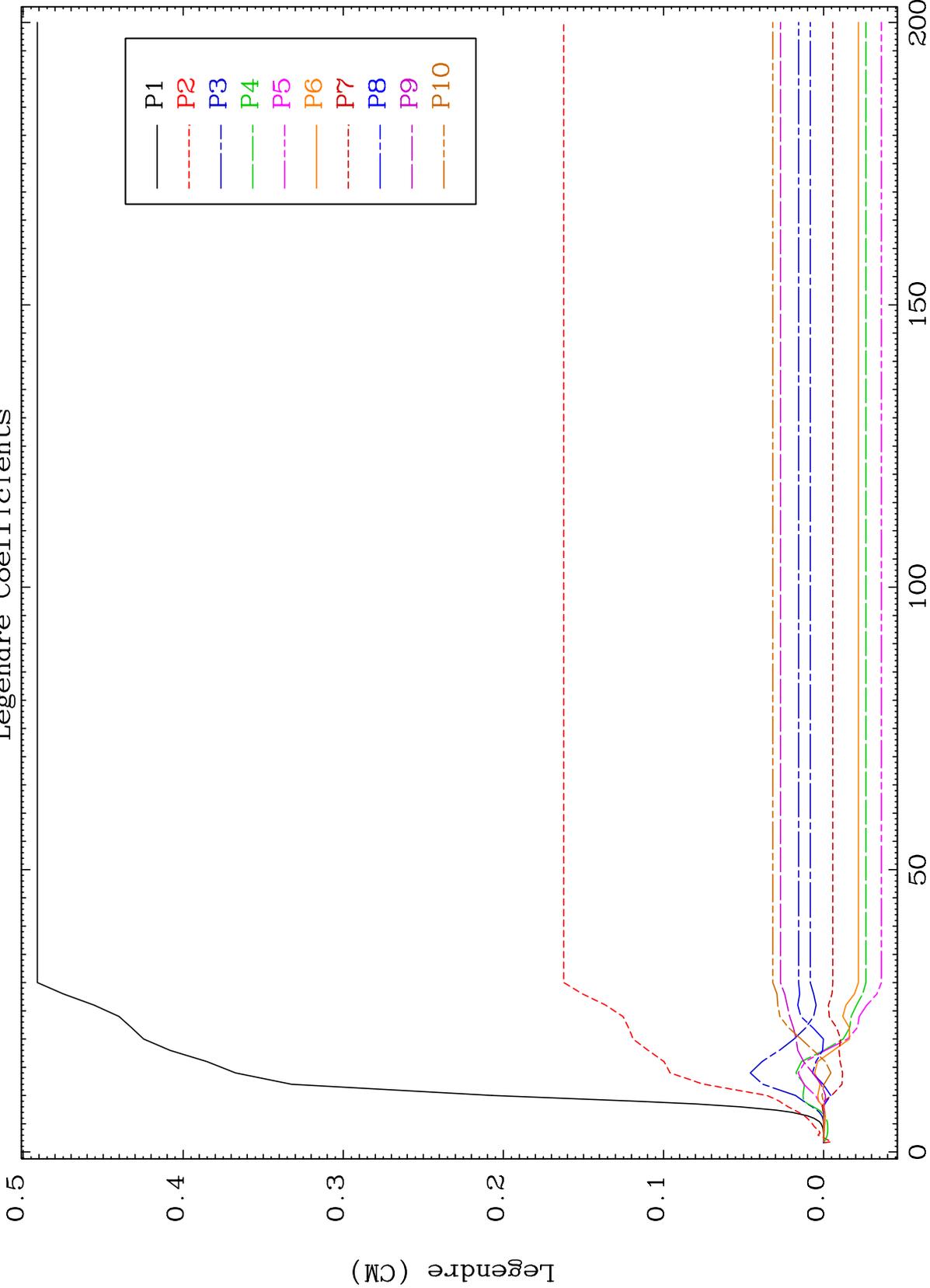
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MAT 8325

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

83-Bi-209



23

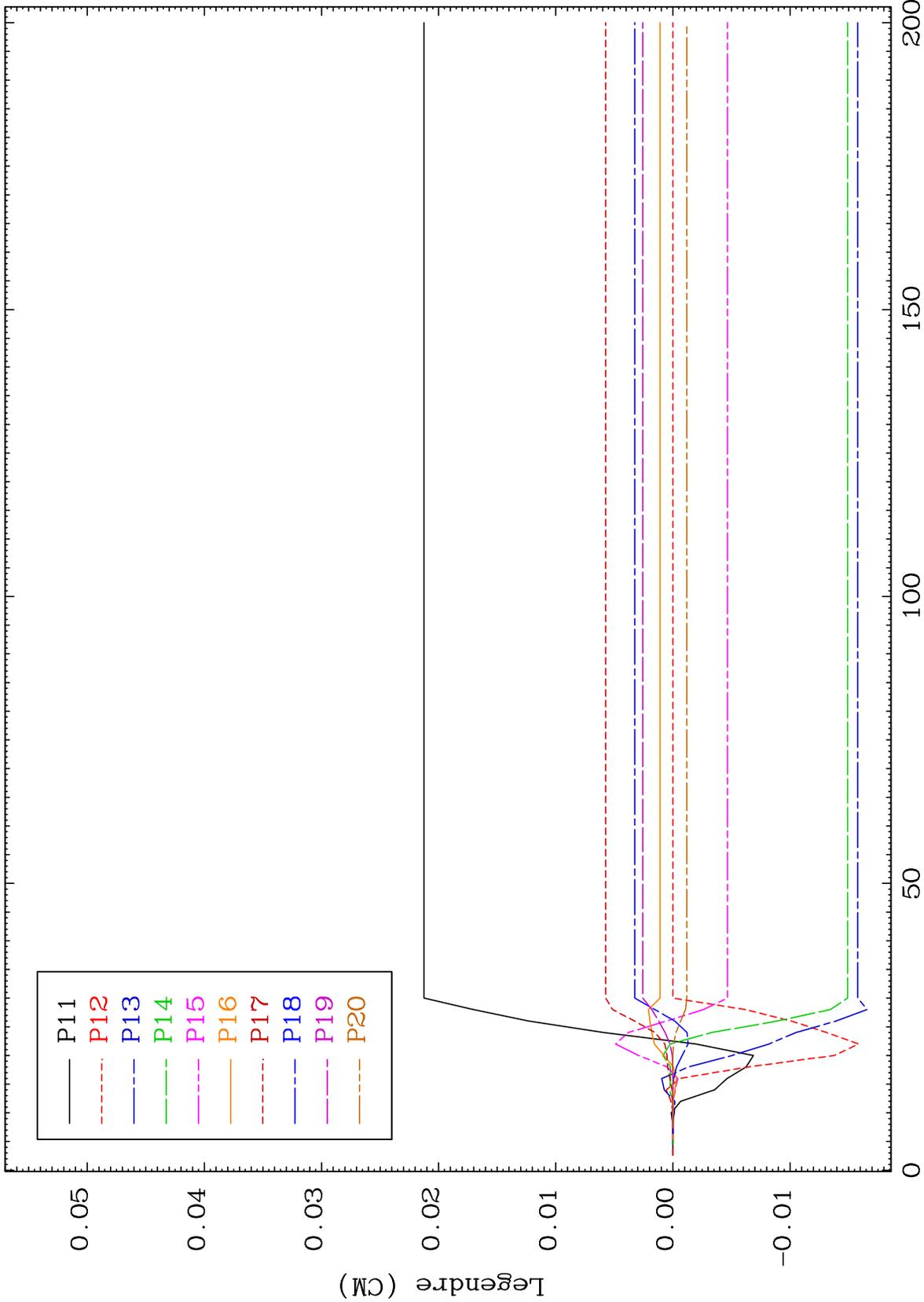
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



24

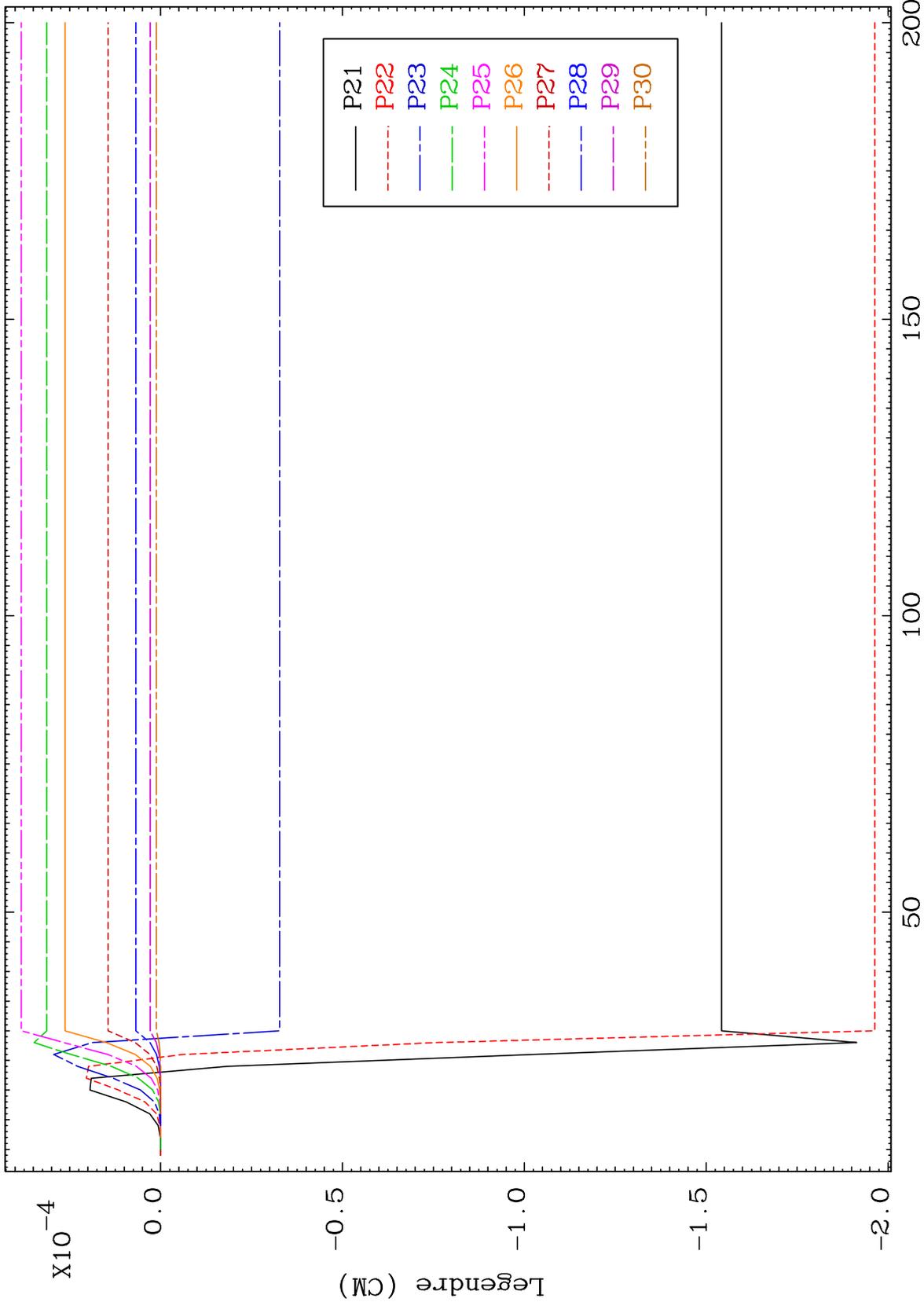
Incident Energy (MeV)

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MAT 8325

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

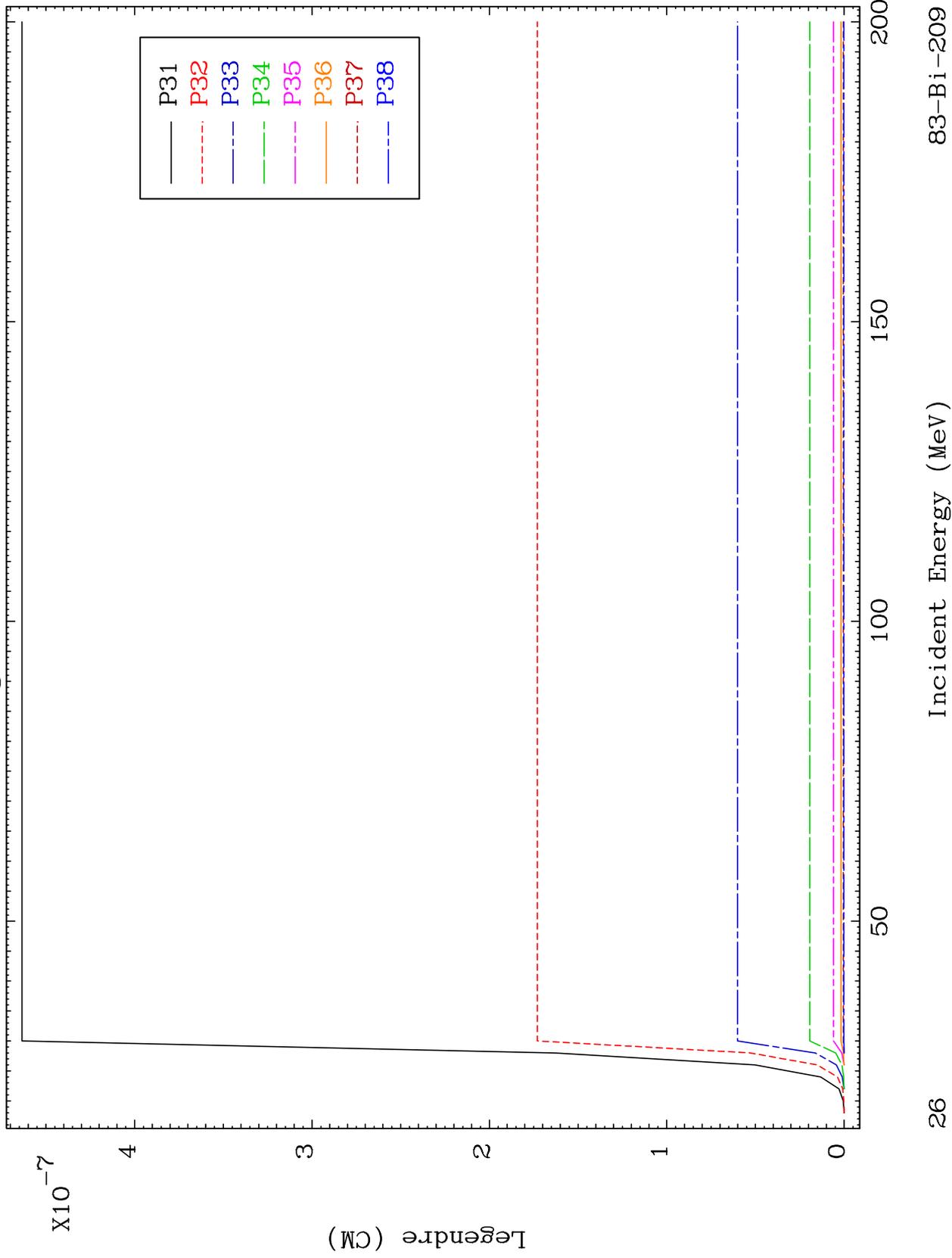
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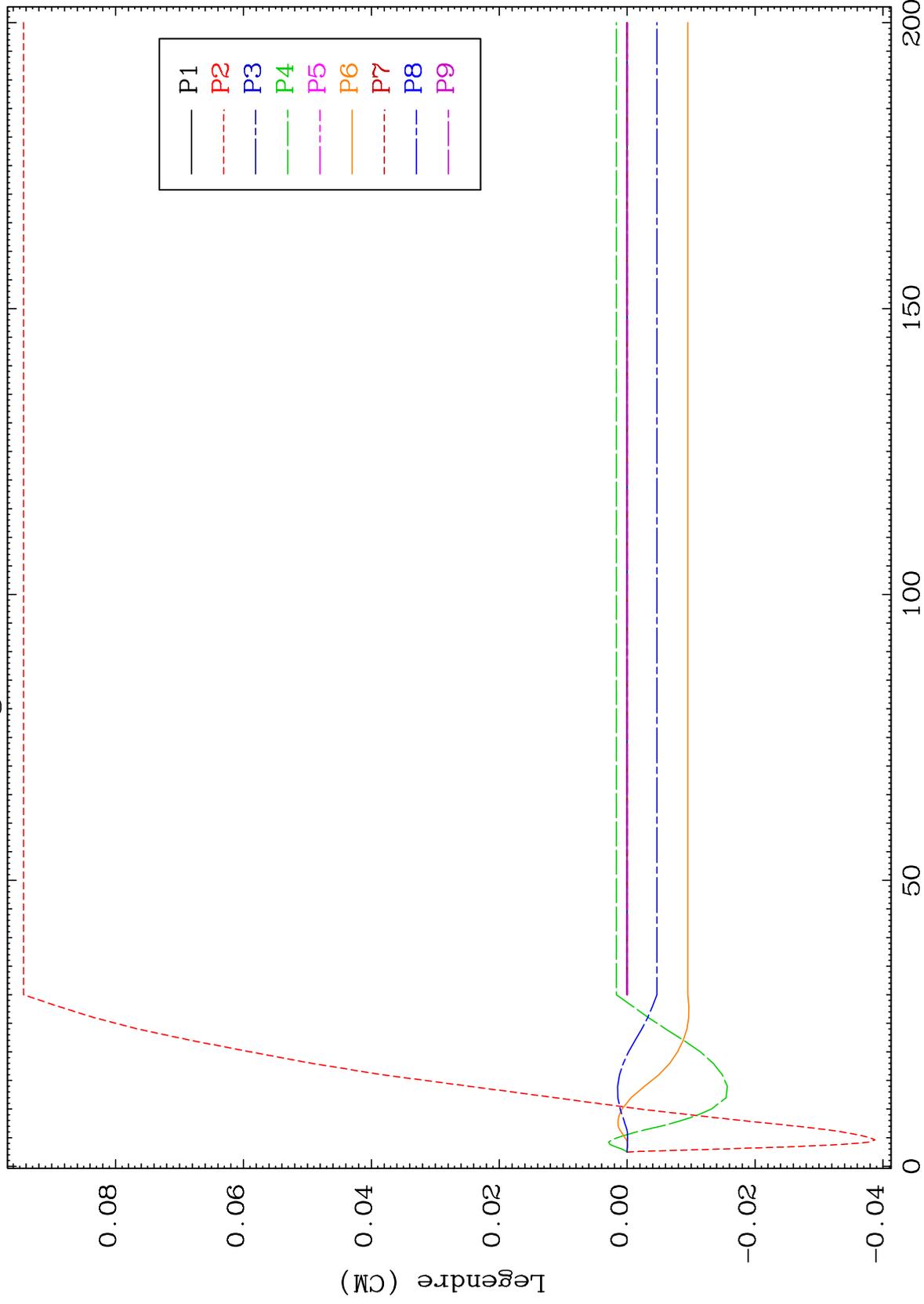
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MAT 8325

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

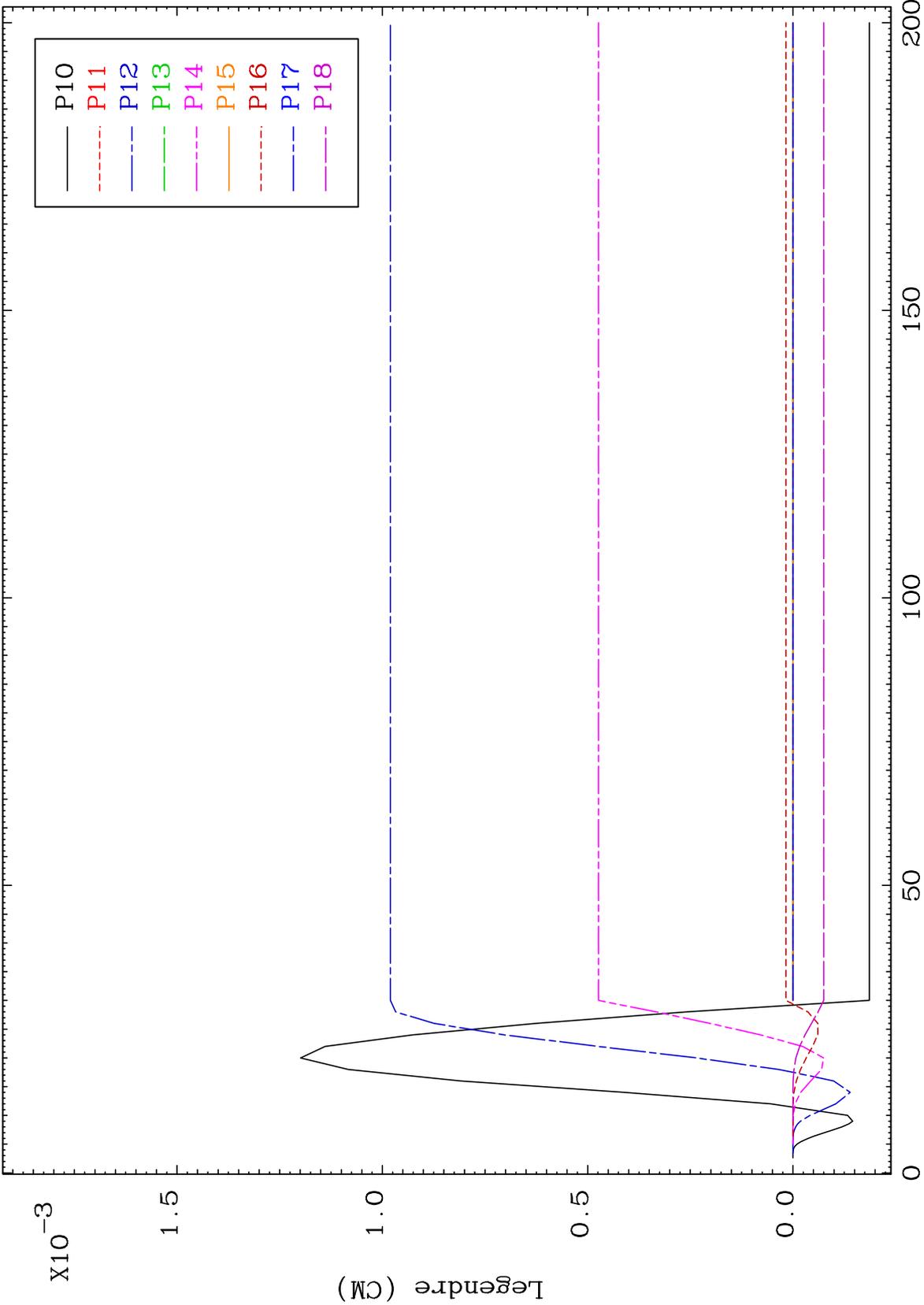
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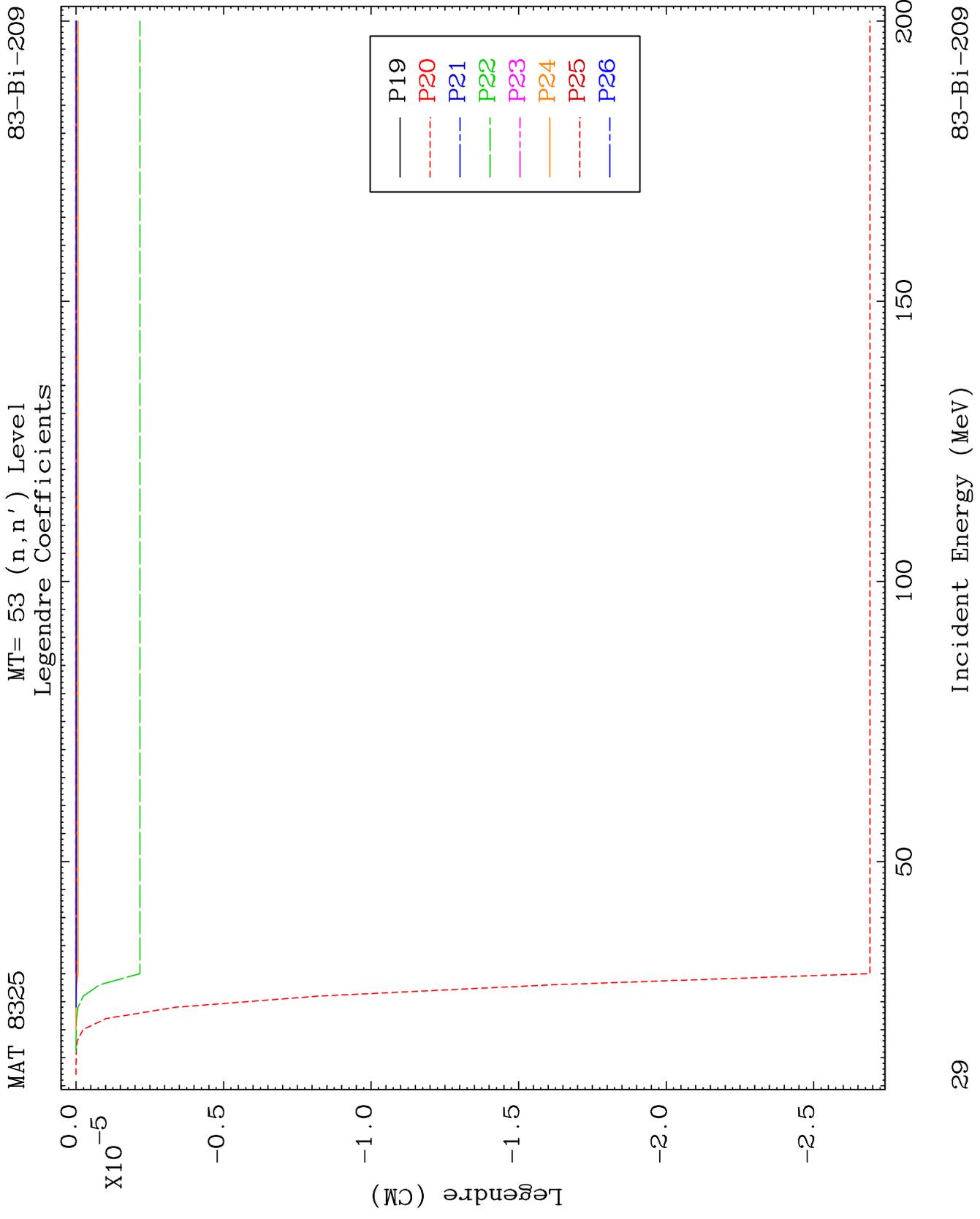


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Incident Energy (MeV)

83-Bi-209

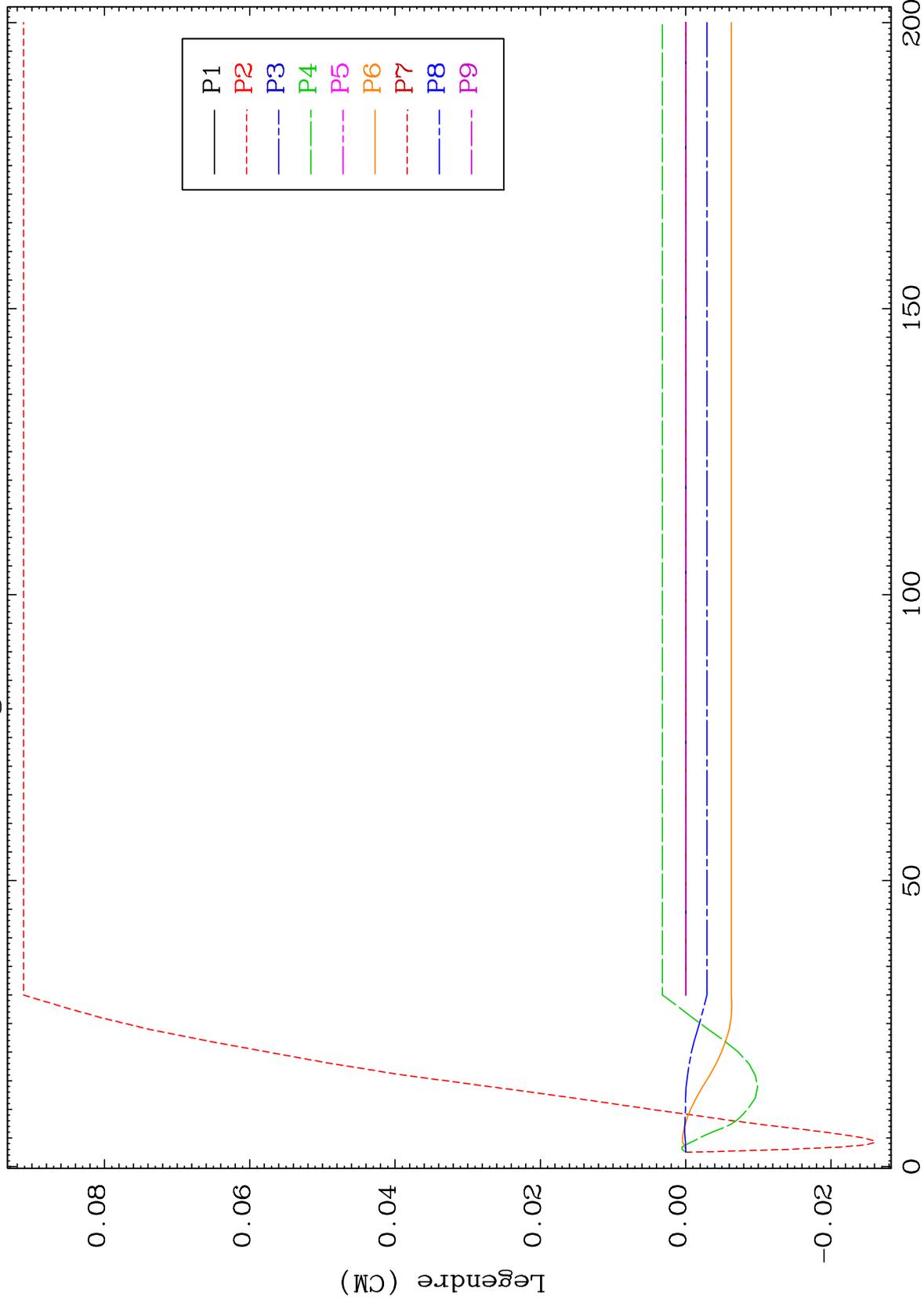




MAT 8325

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

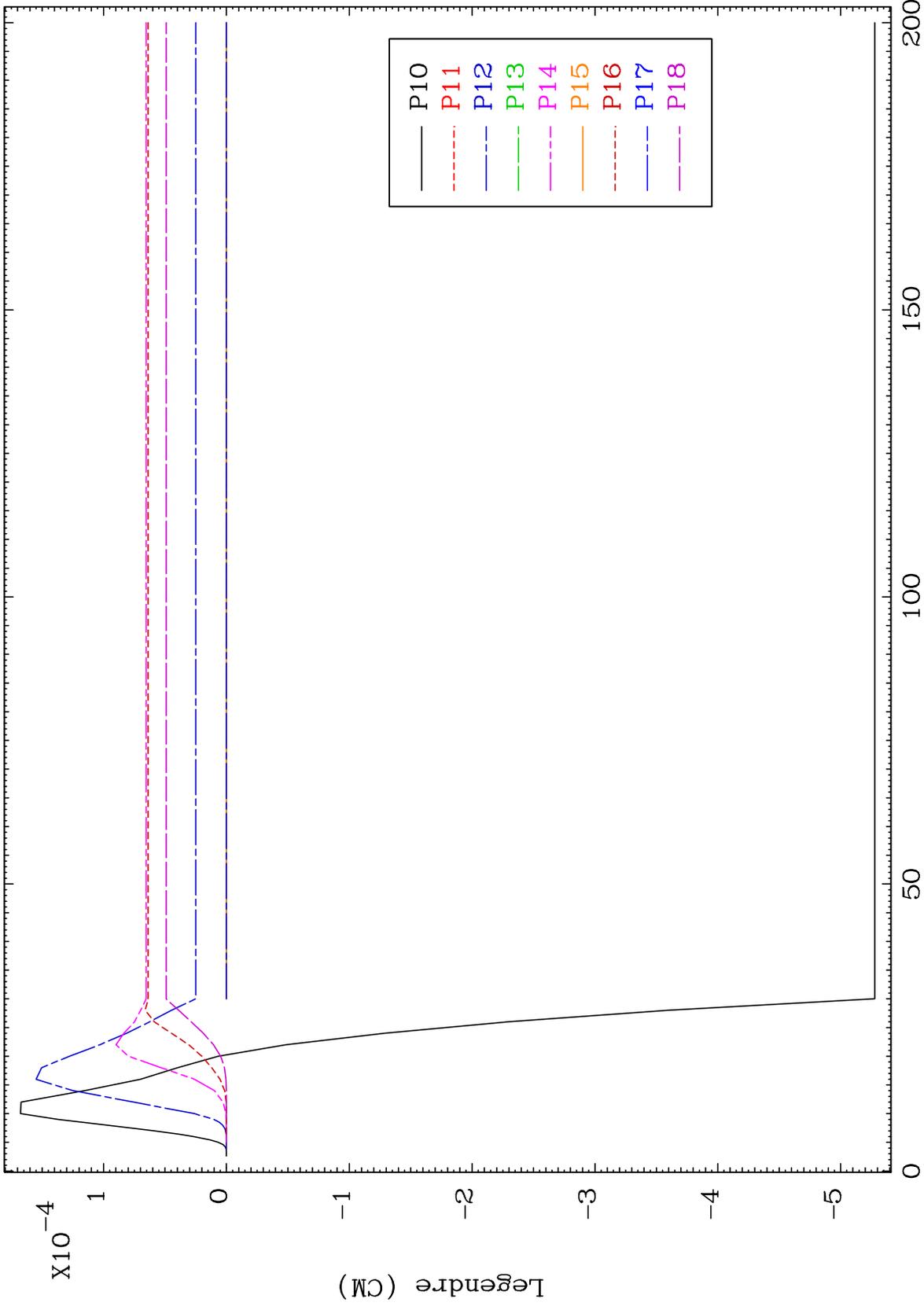
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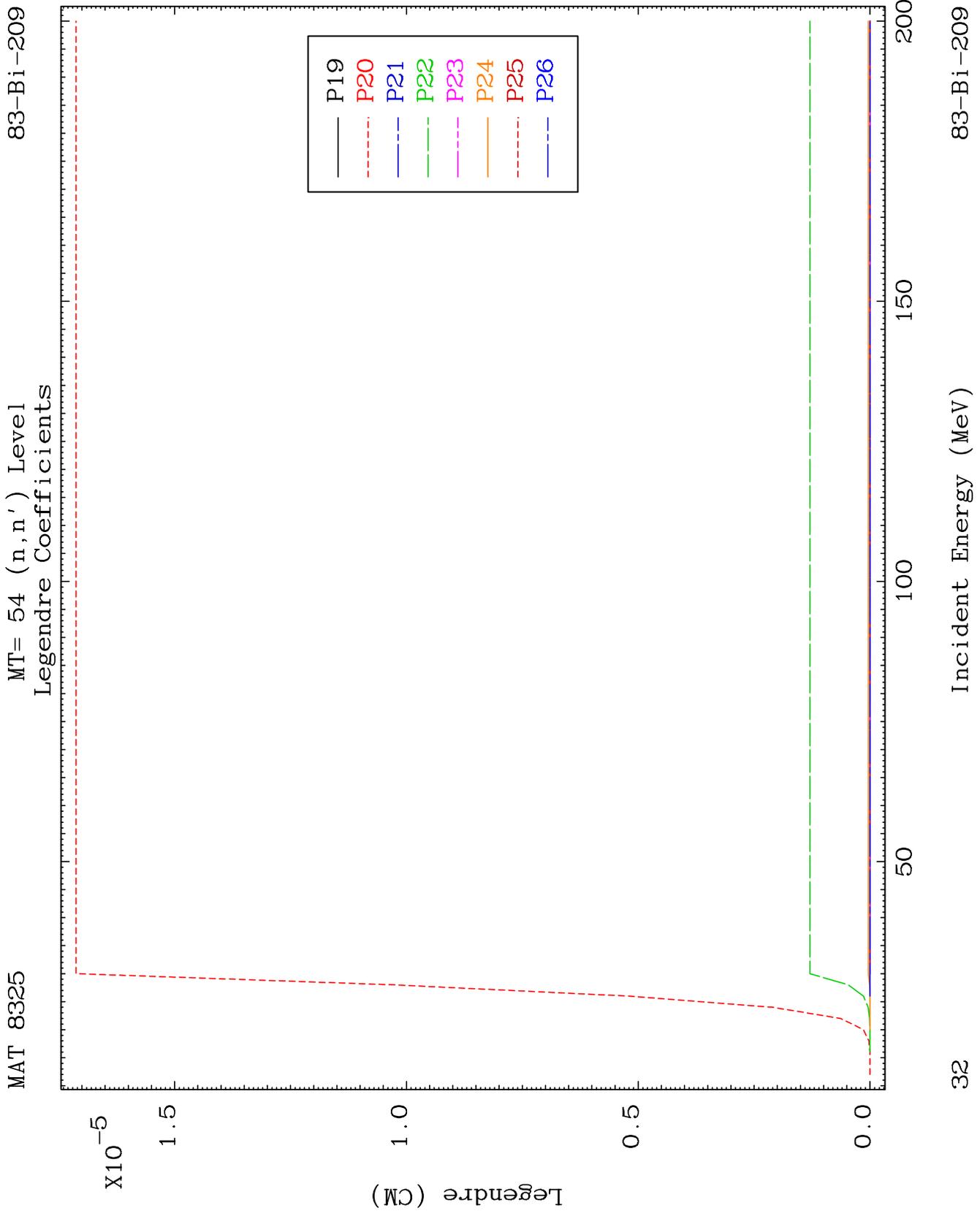


83-Bi-209

Incident Energy (MeV)

30



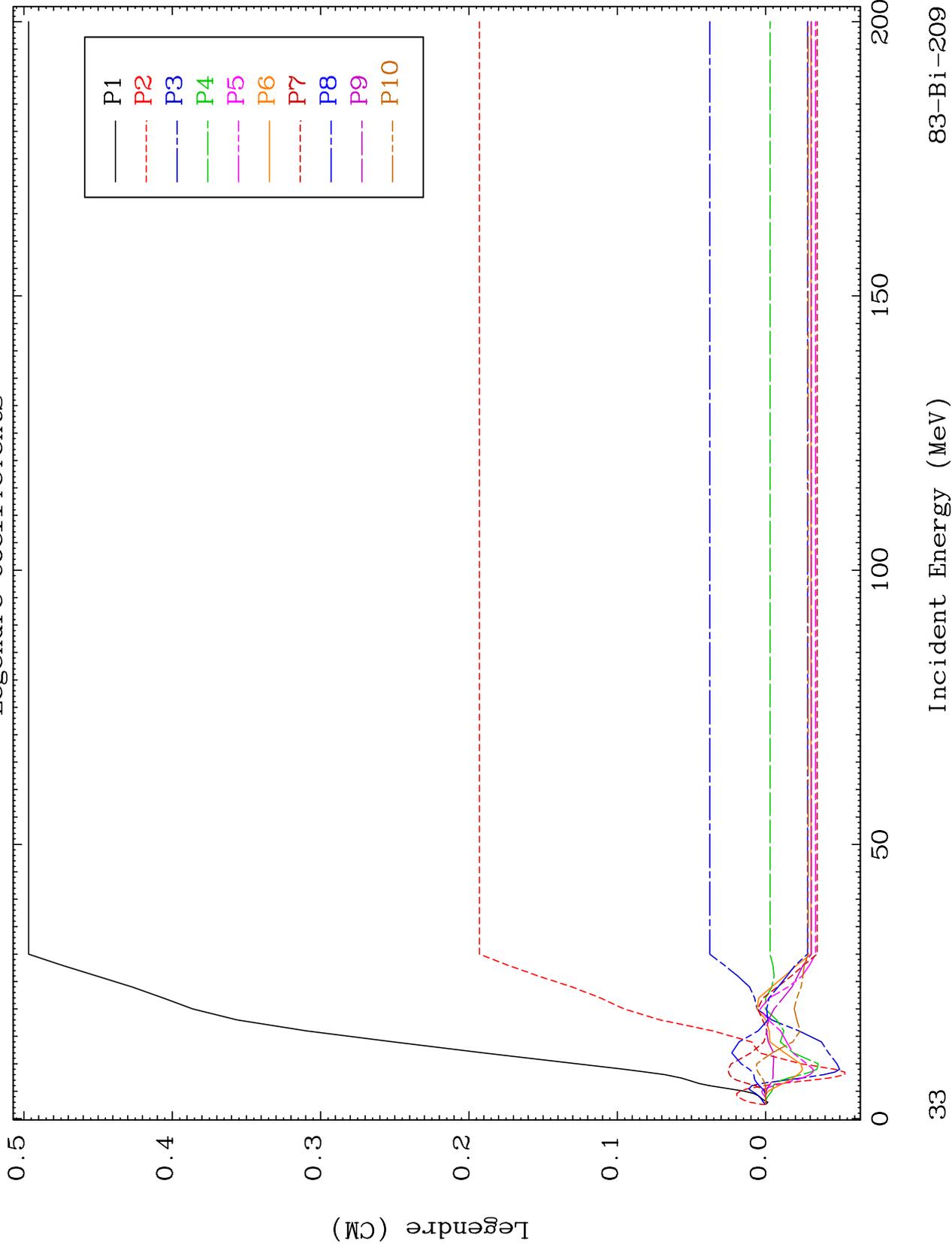


MAT 8325

MT= 55 (n,n') Level

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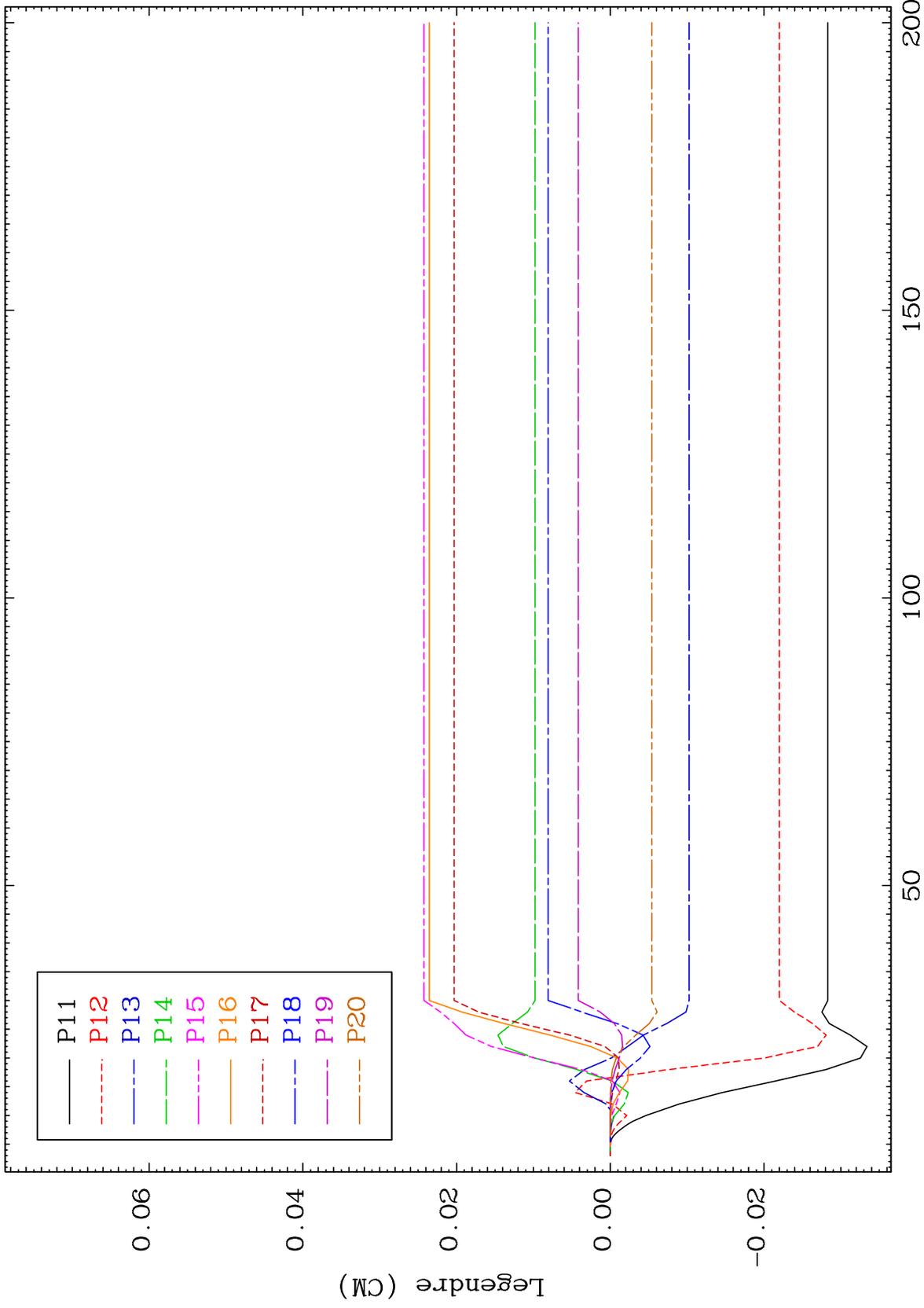
Legendre Coefficients



33

Incident Energy (MeV)

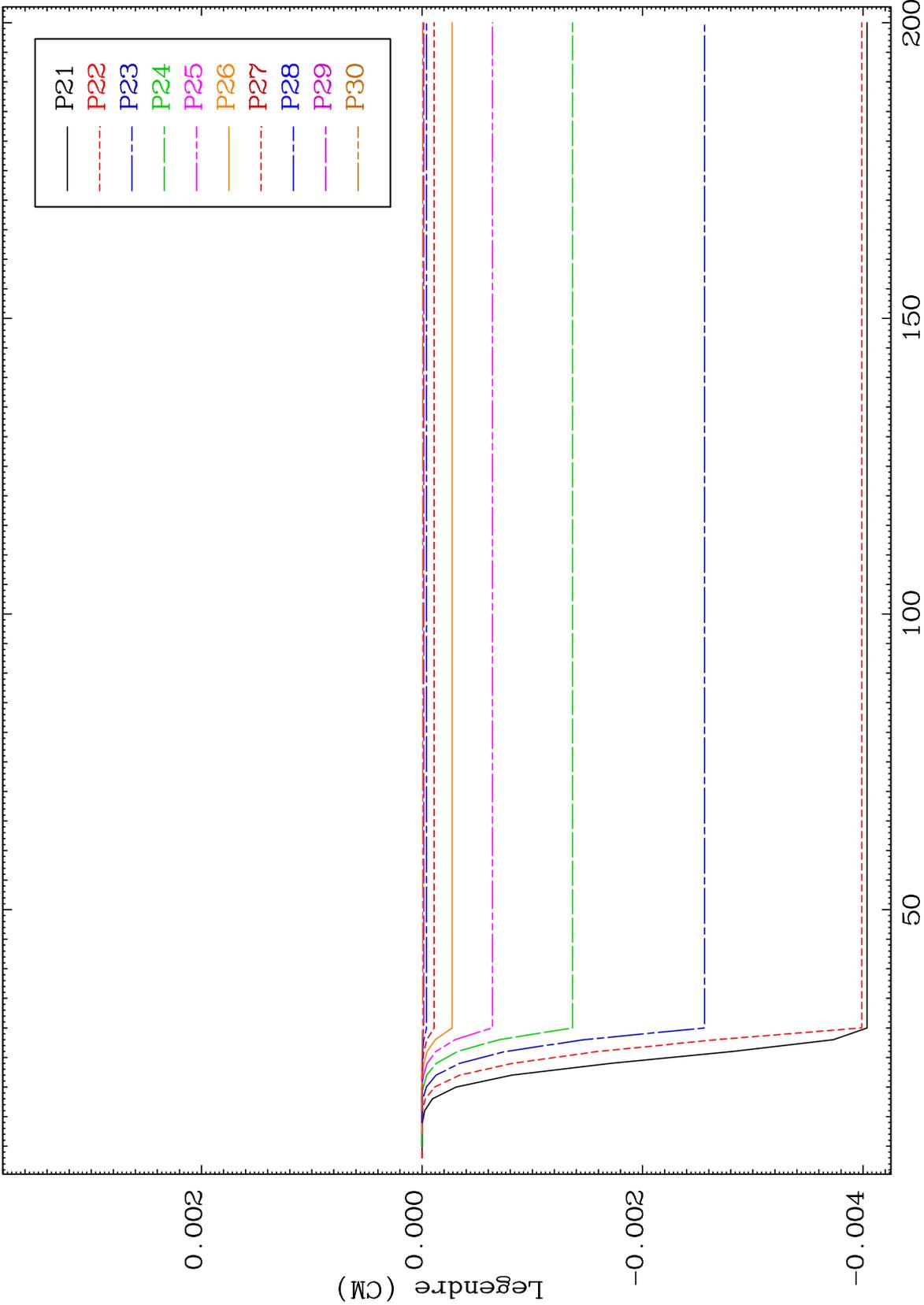
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MAT 8325

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

83-Bi-209



35

Incident Energy (MeV)

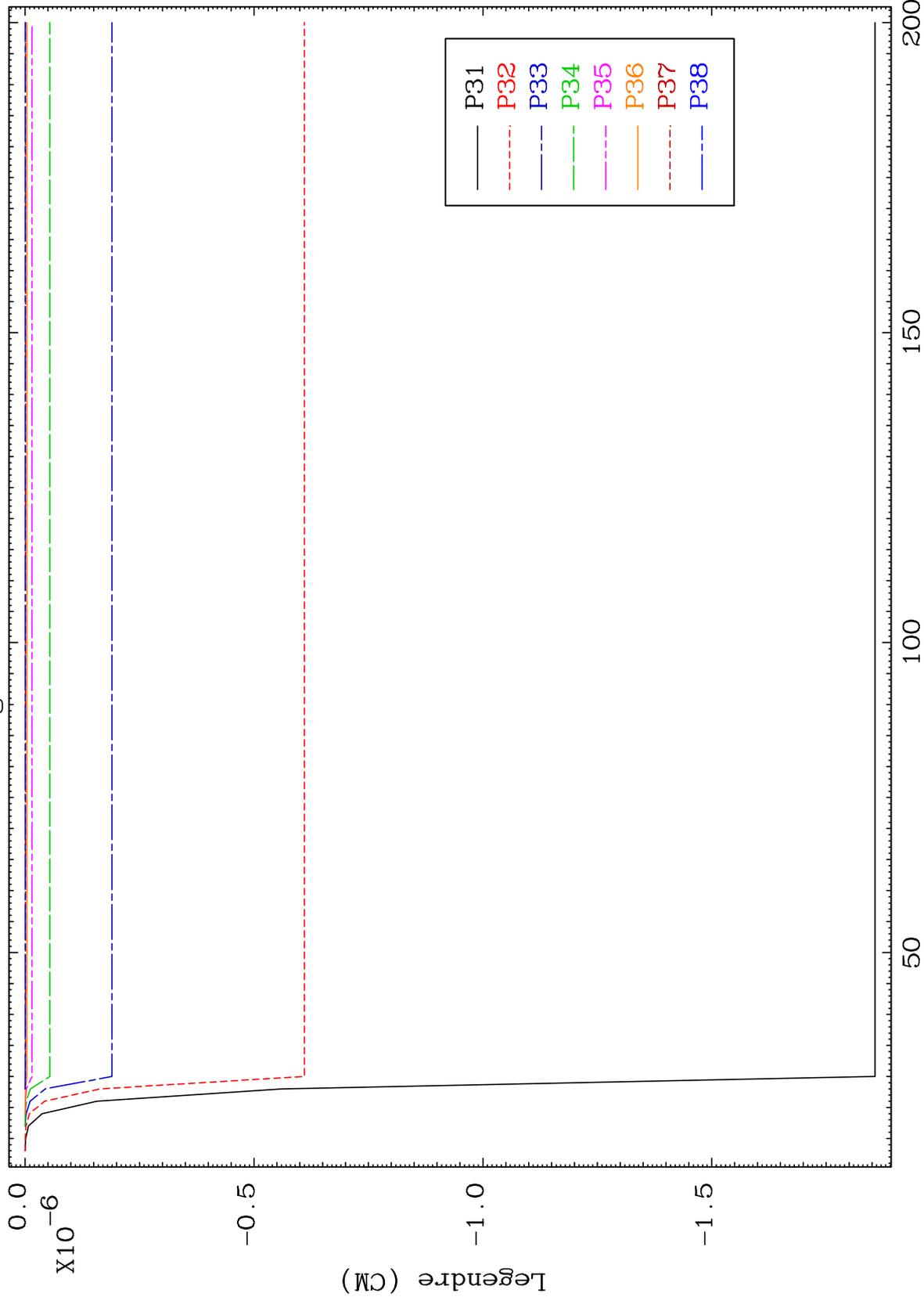
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MAT 8325

MT= 55 (n,n') Level

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Legendre Coefficients

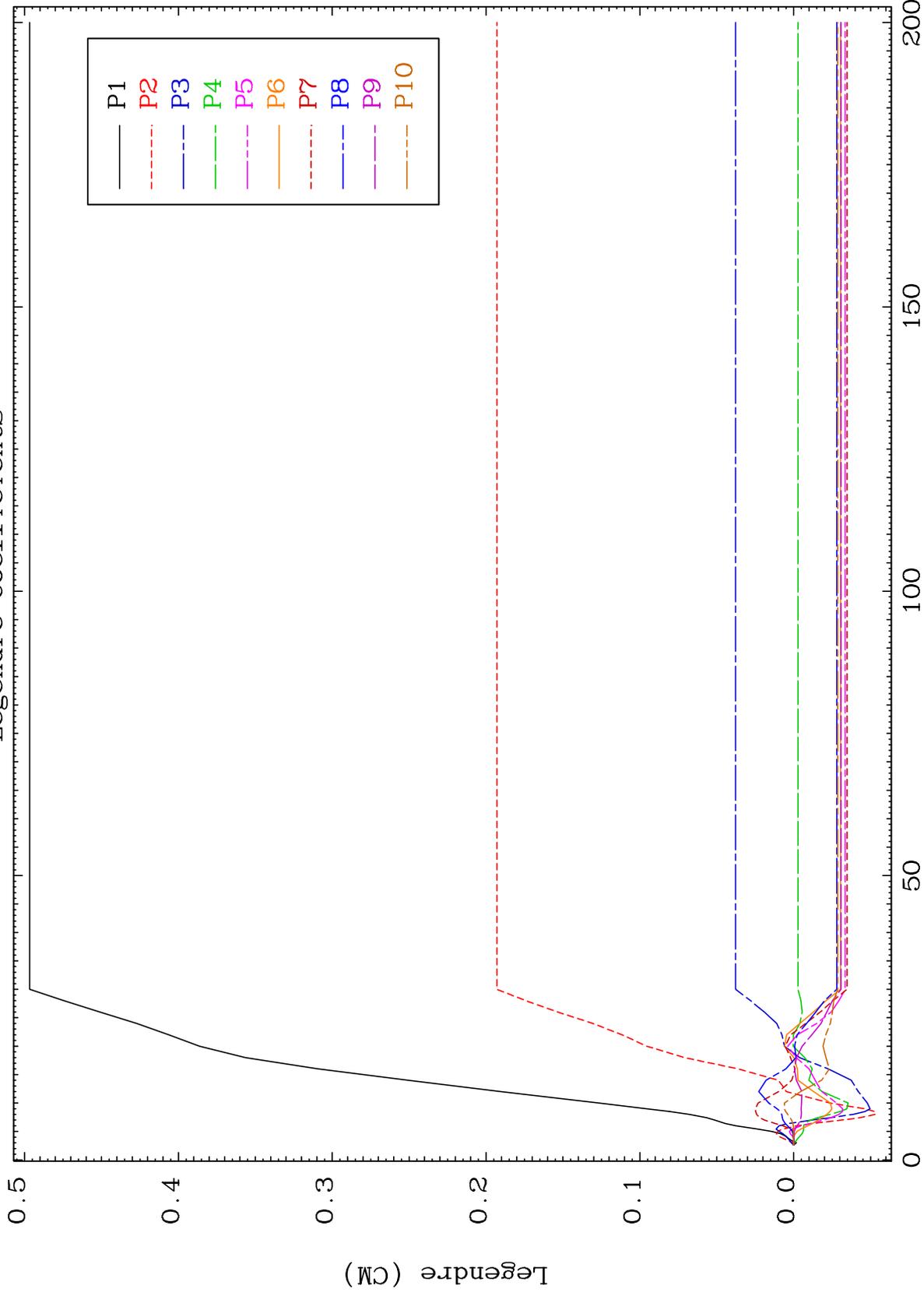


MAT 8325

MT= 56 (n,n') Level

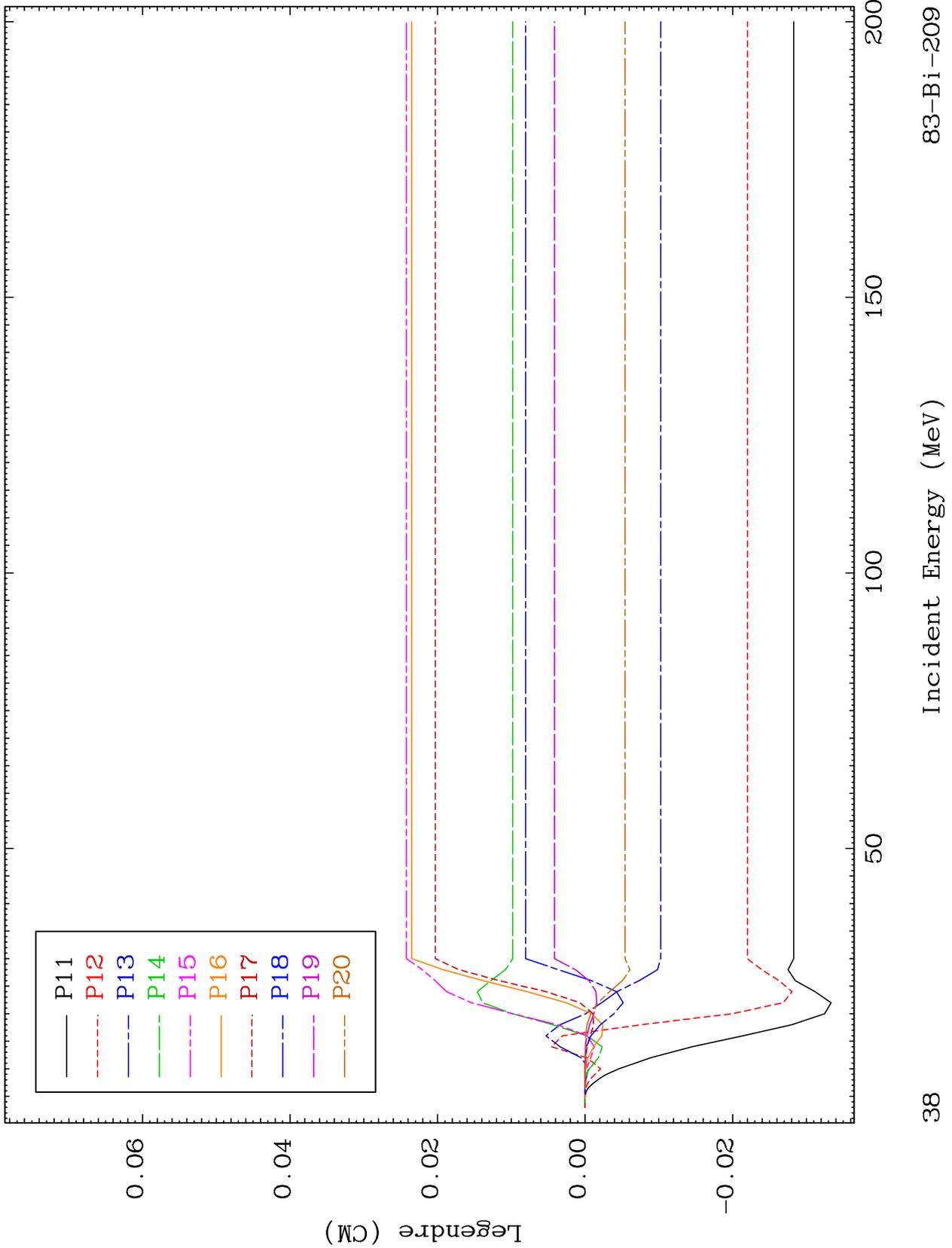
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Legendre Coefficients



37

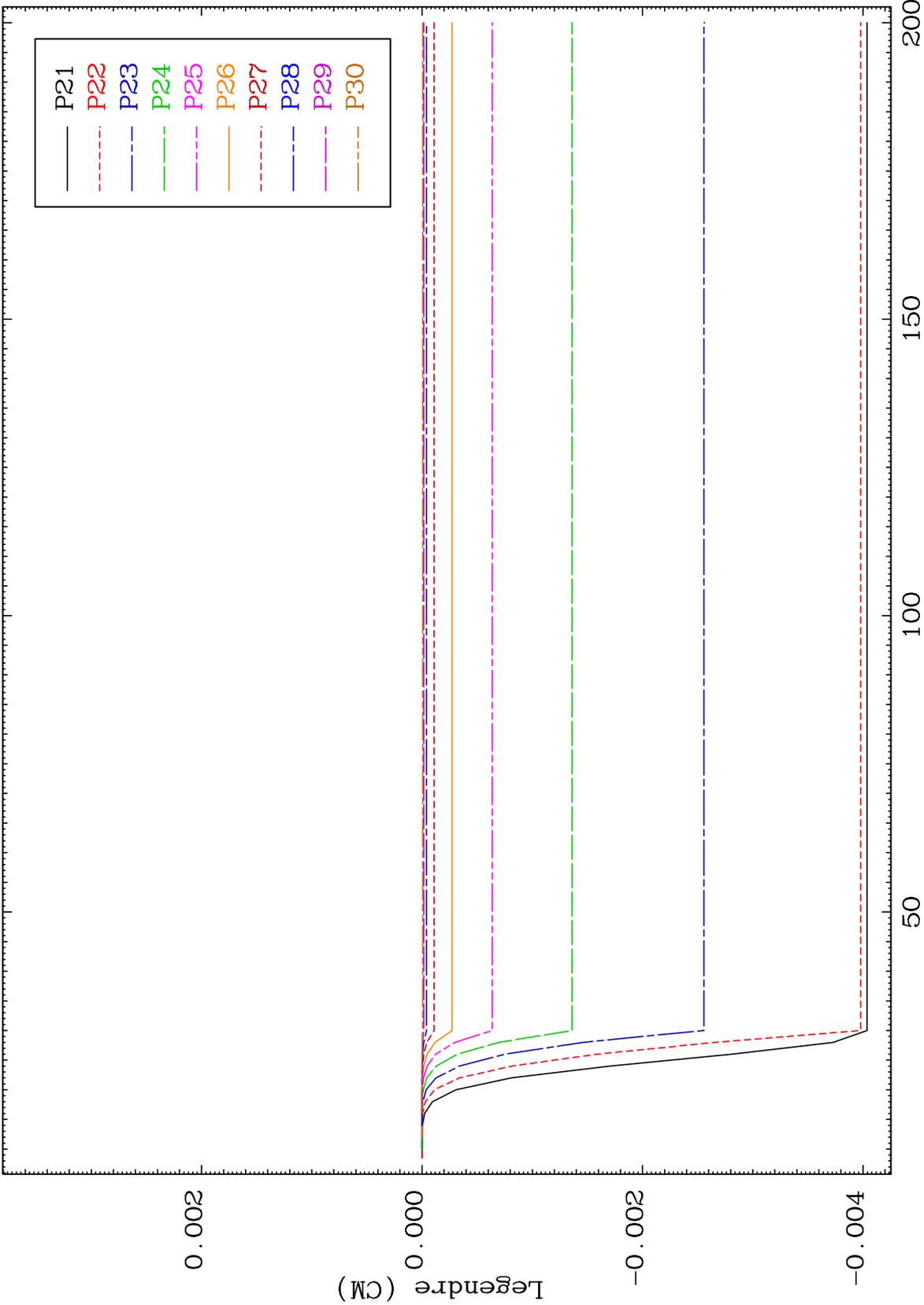
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MAT 8325

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

83-Bi-209



39

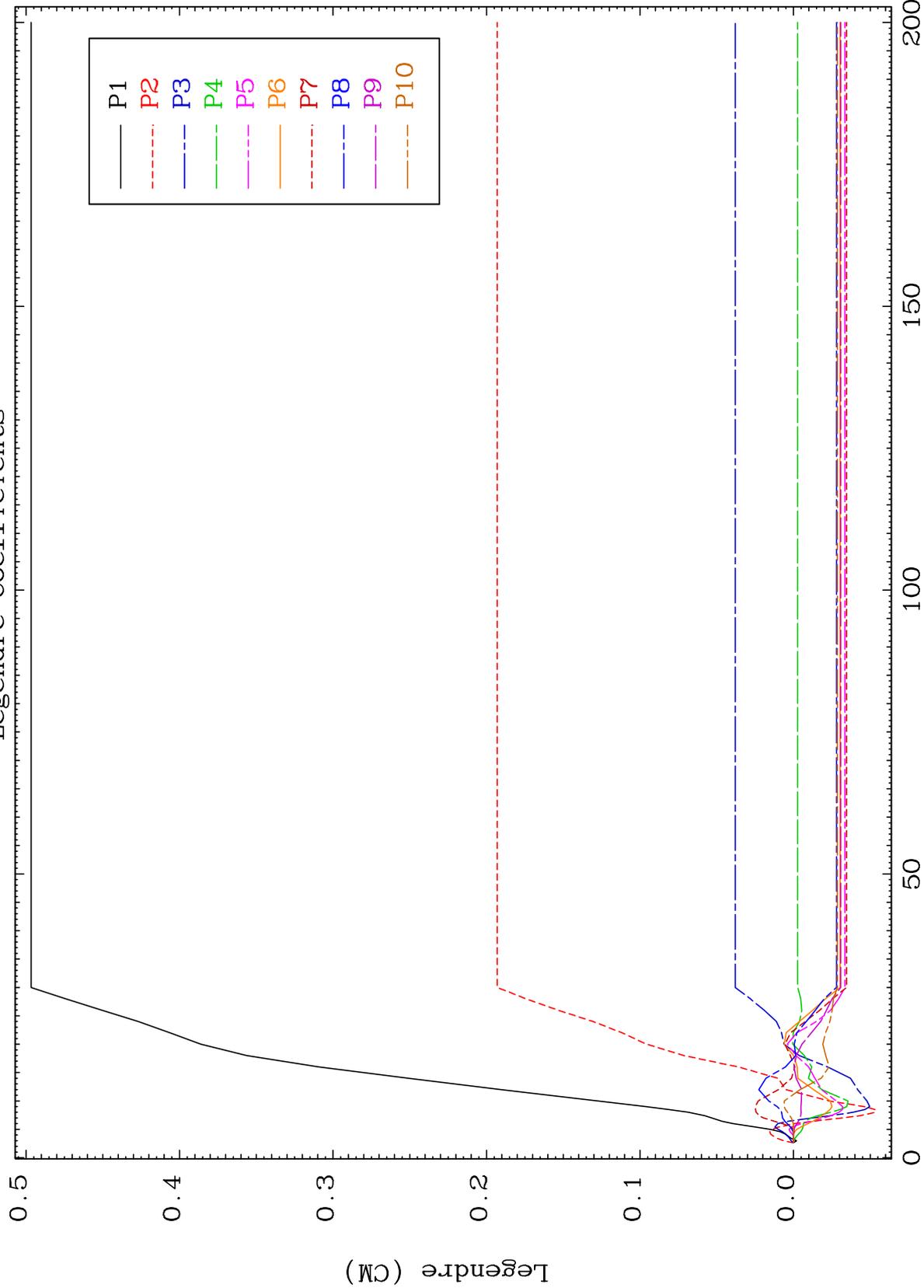
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

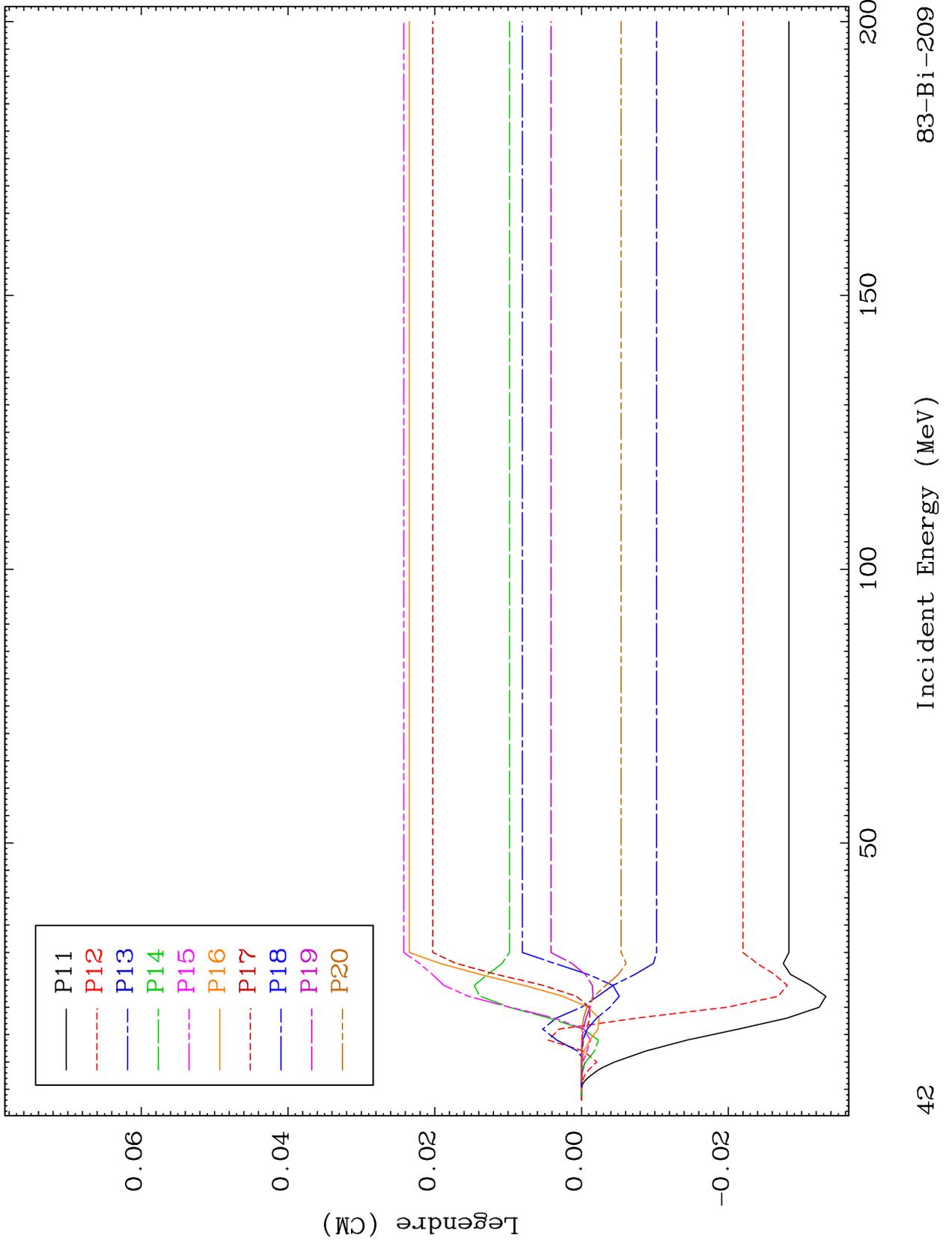
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41

Incident Energy (MeV)

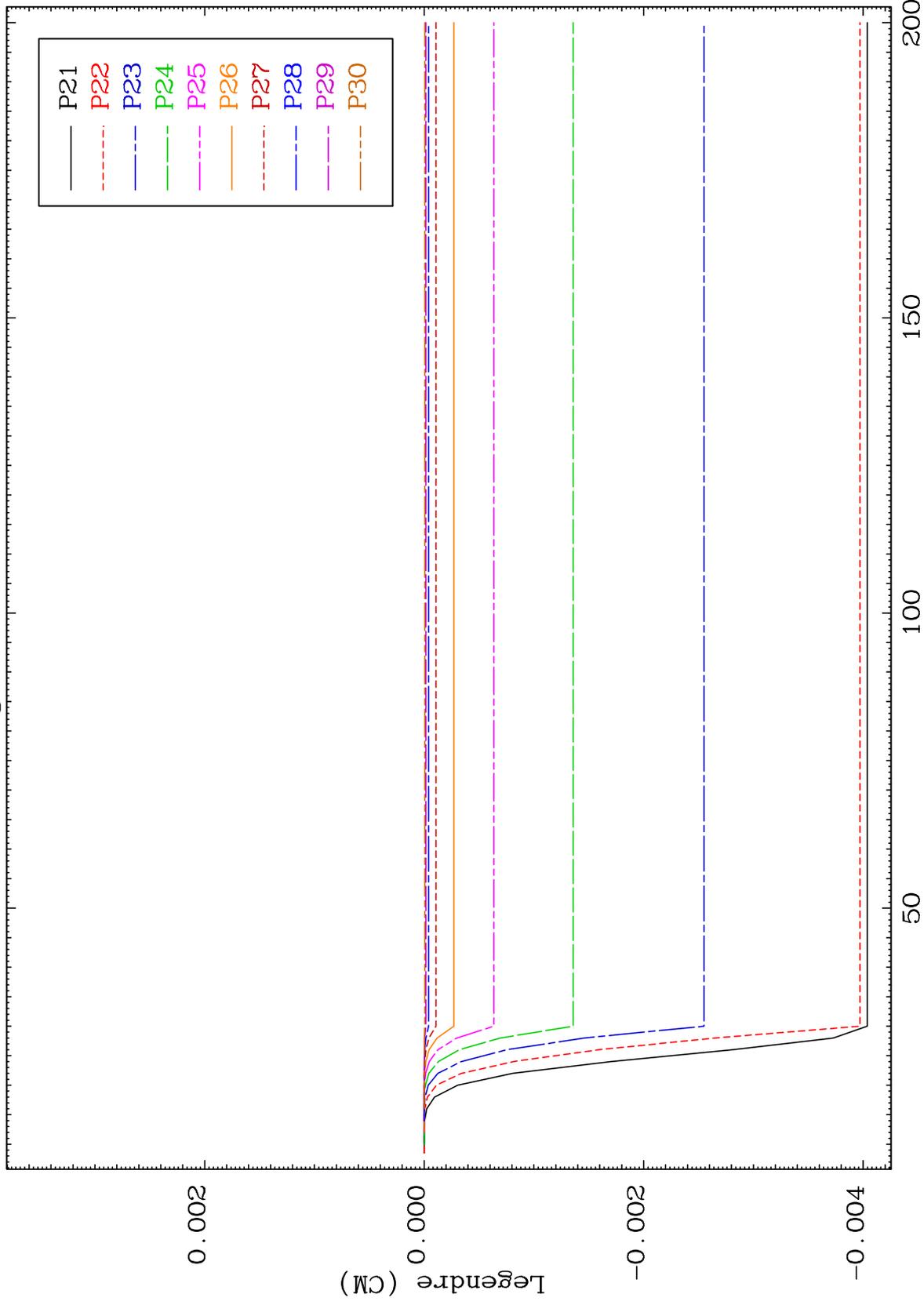
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MAT 8325

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

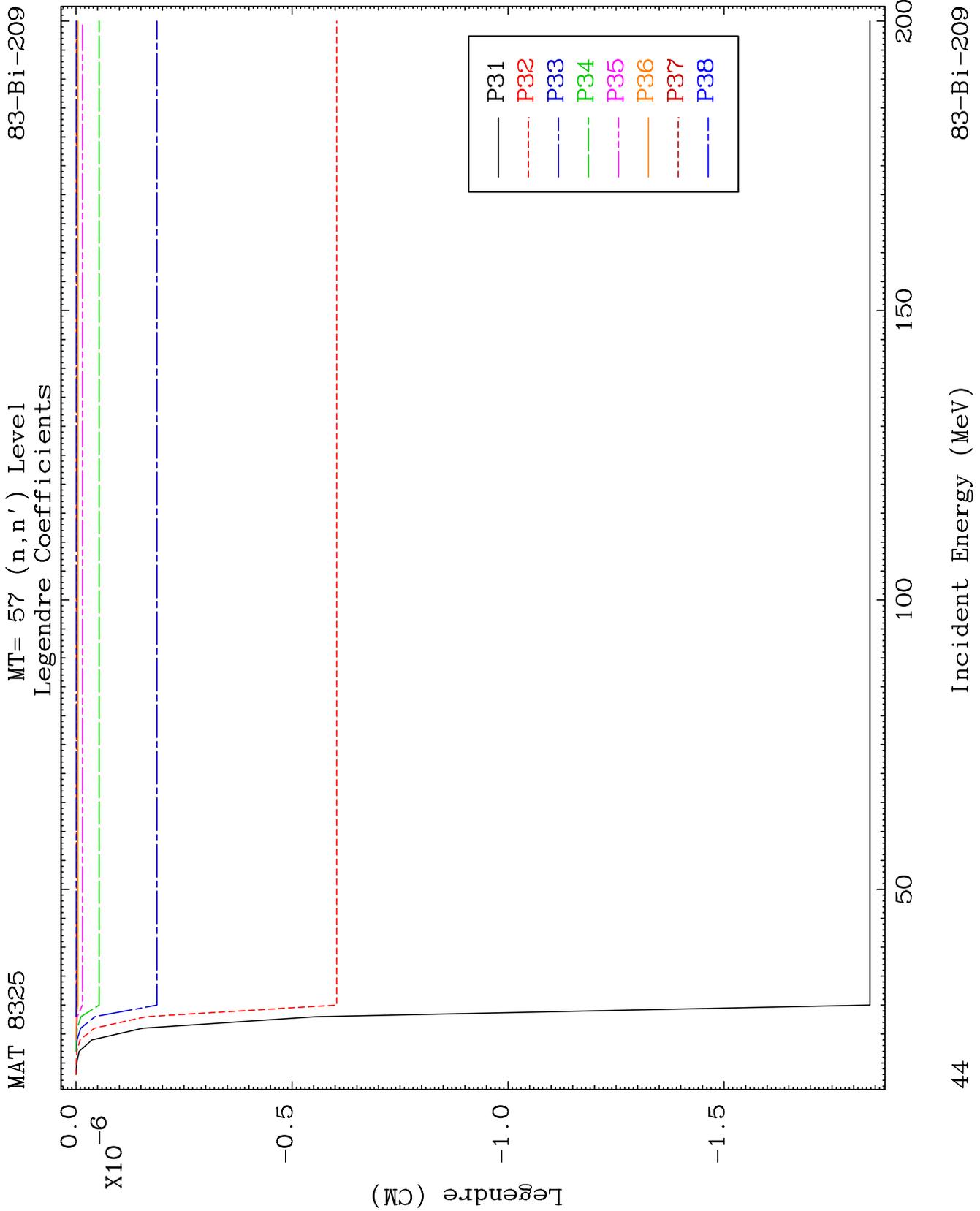
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43

Incident Energy (MeV)

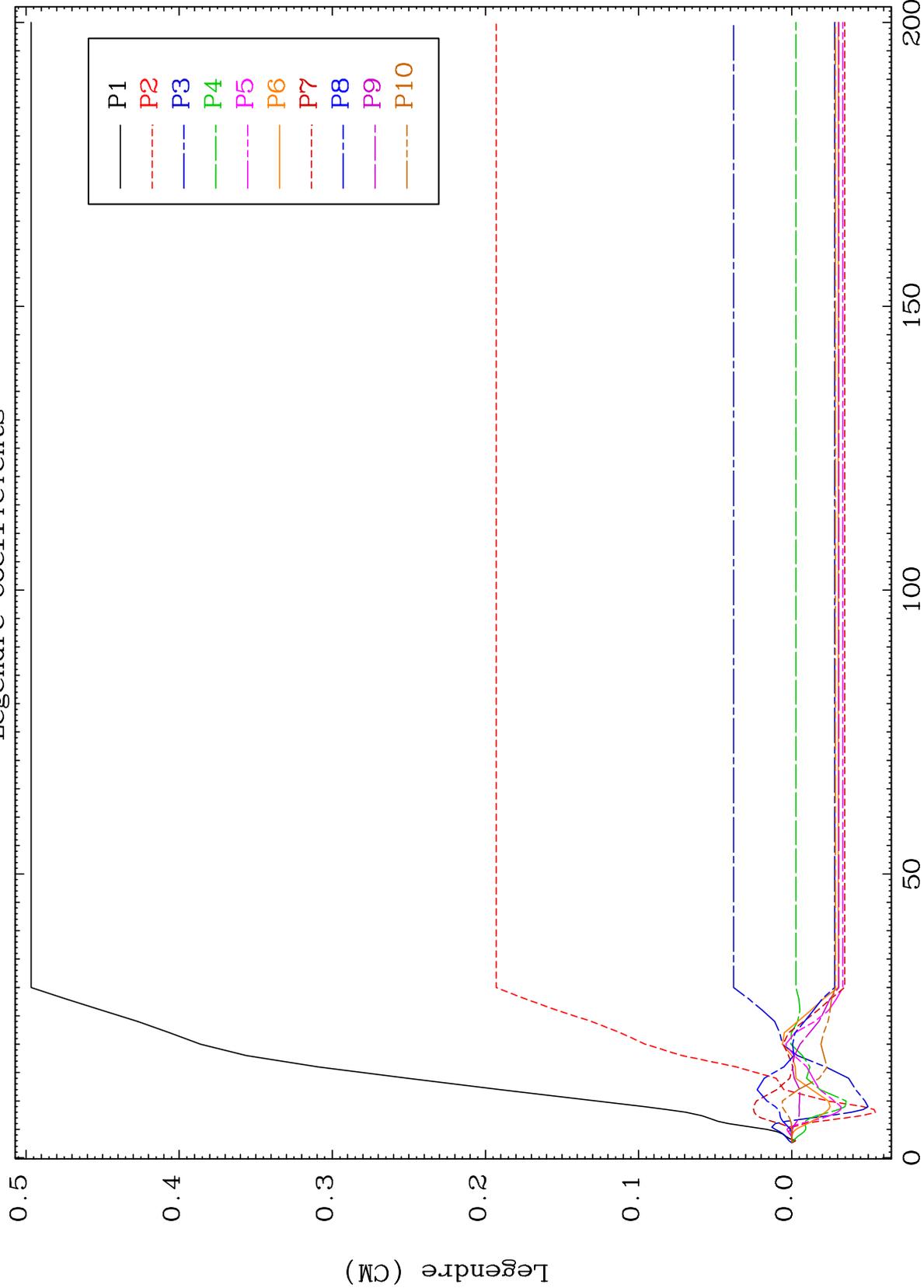
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MAT 8325

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

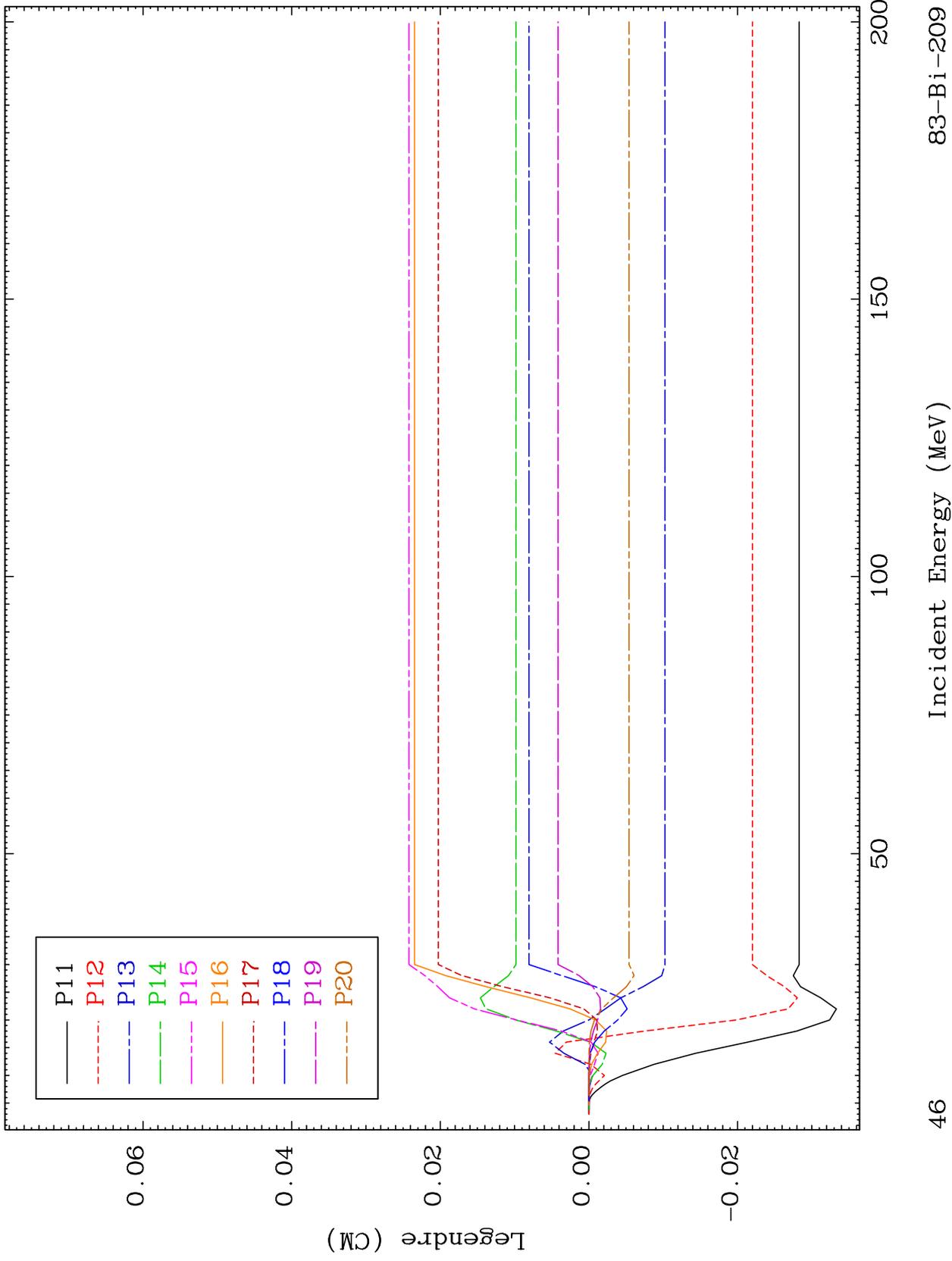
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83-Bi-209

Incident Energy (MeV)

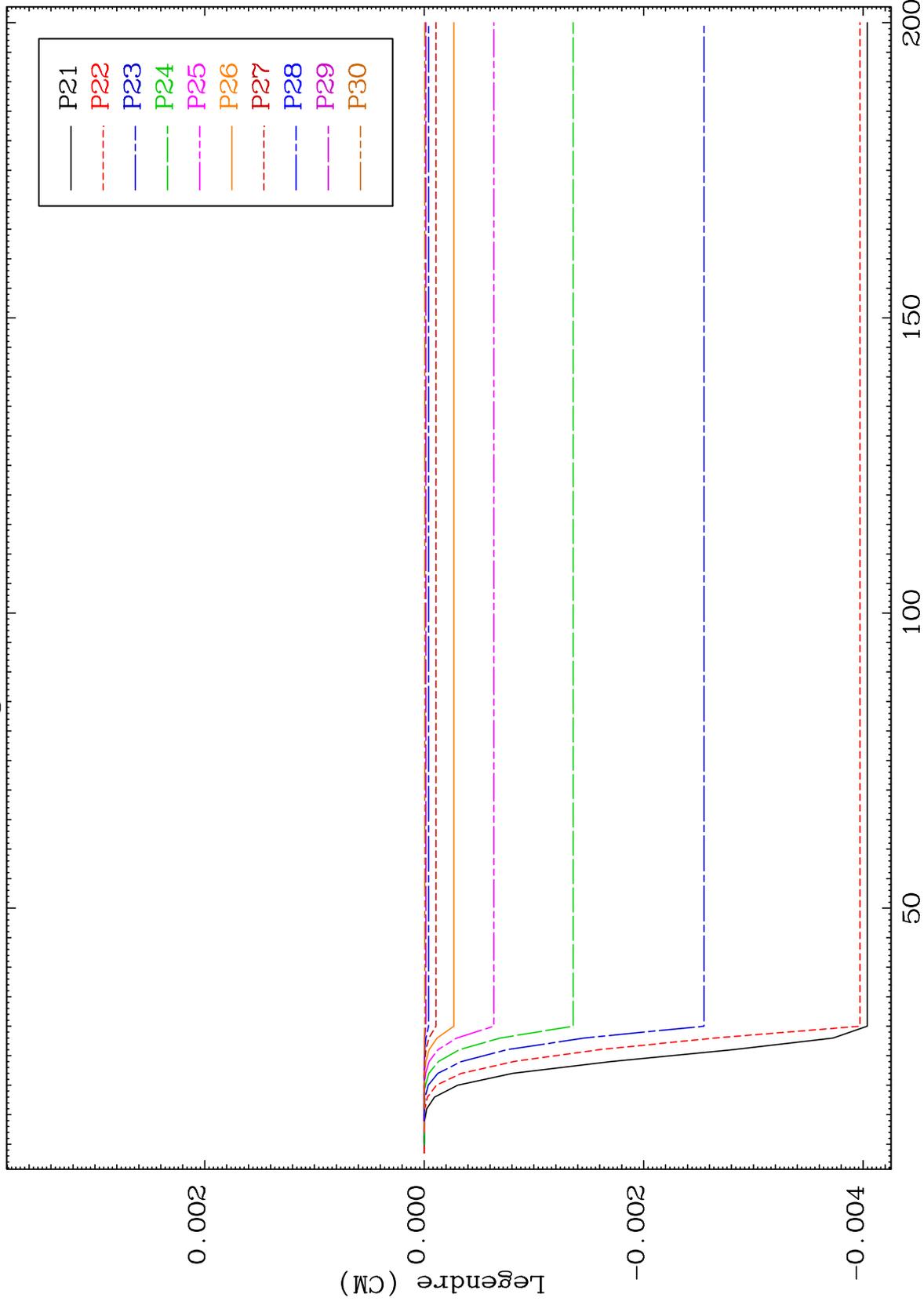
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MAT 8325

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

83-Bi-209



47

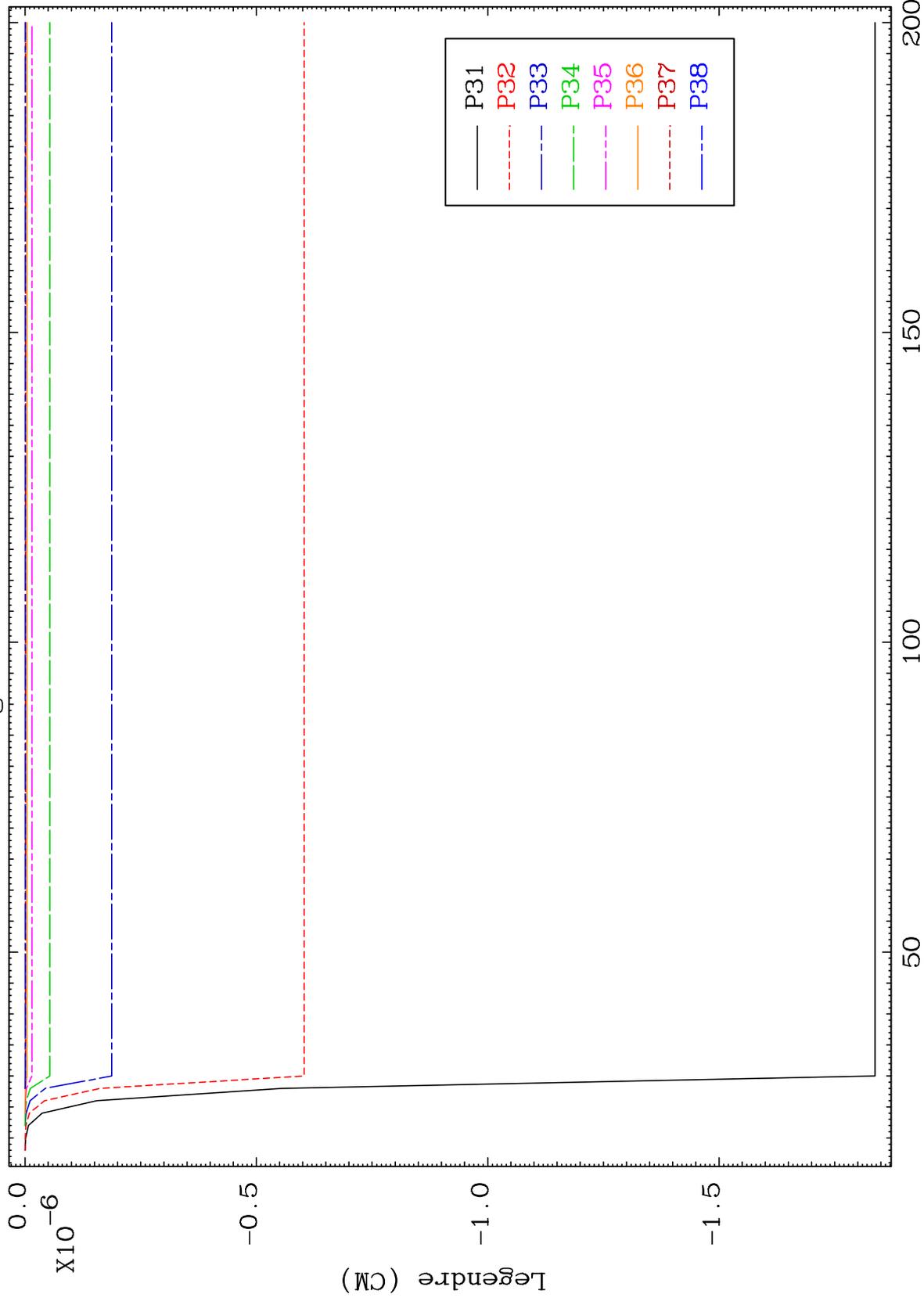
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MAT 8325

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

83-Bi-209



48

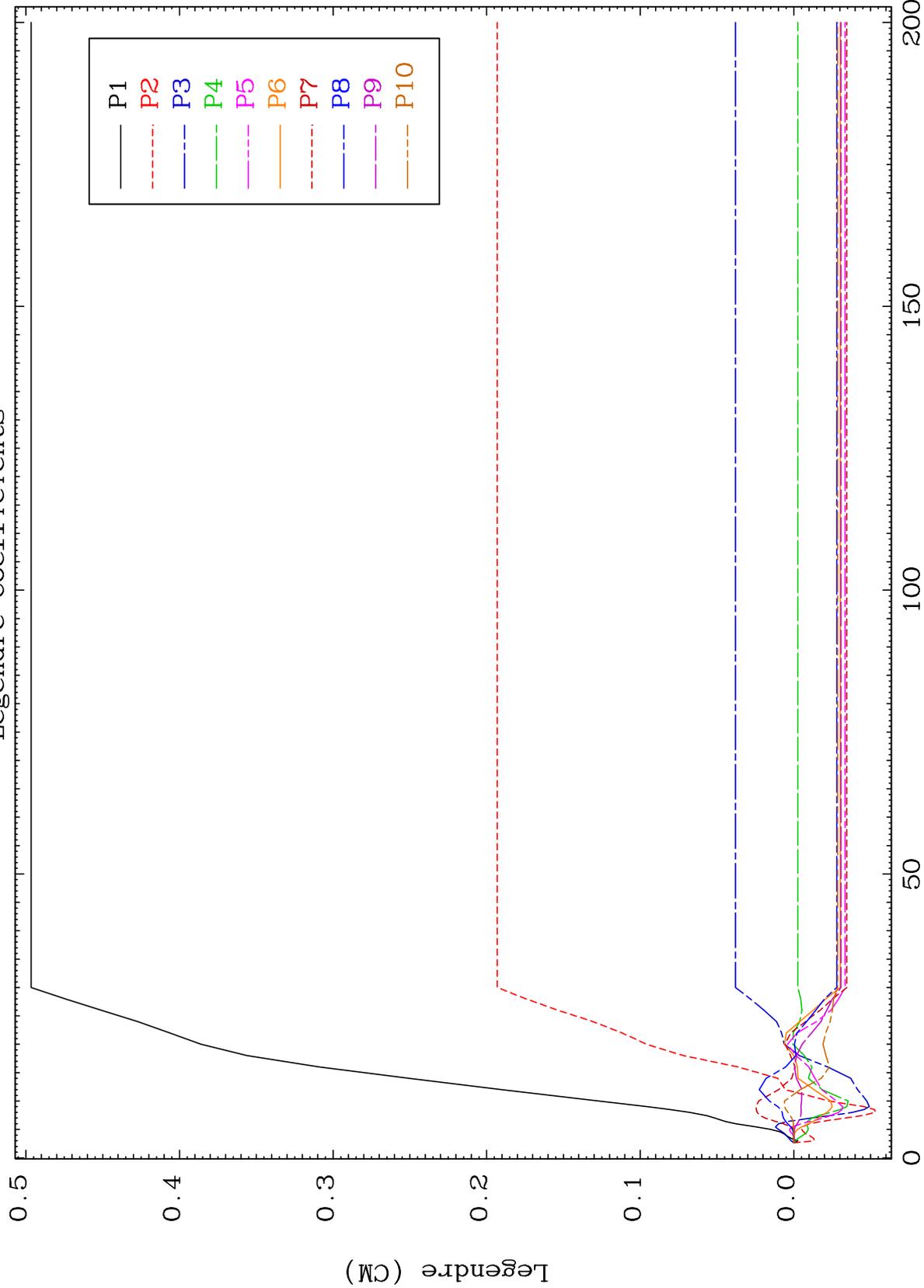
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MAT 8325

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

83-Bi-209



49

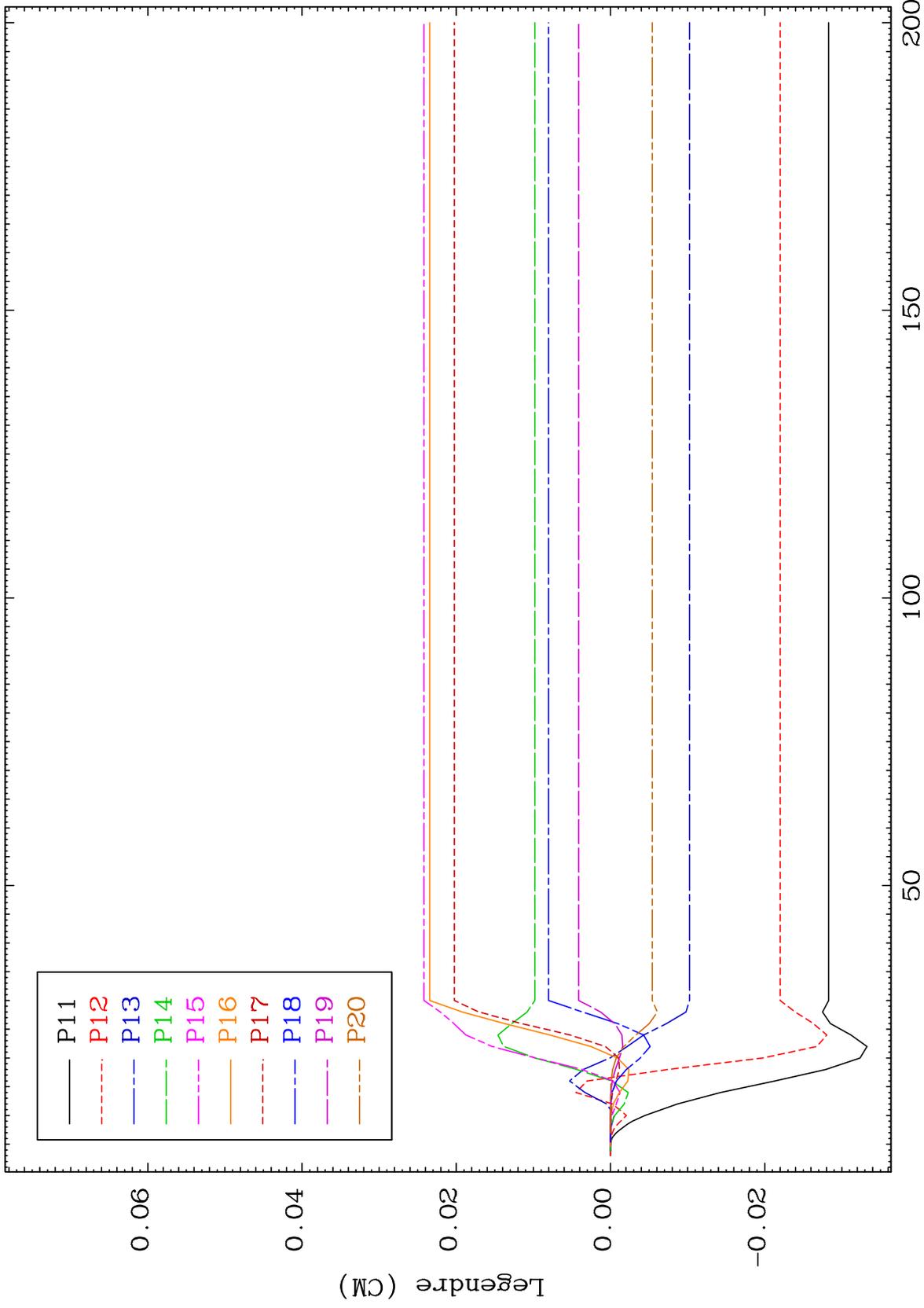
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83-Bi-209

MAT 8325

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

83-Bi-209



50

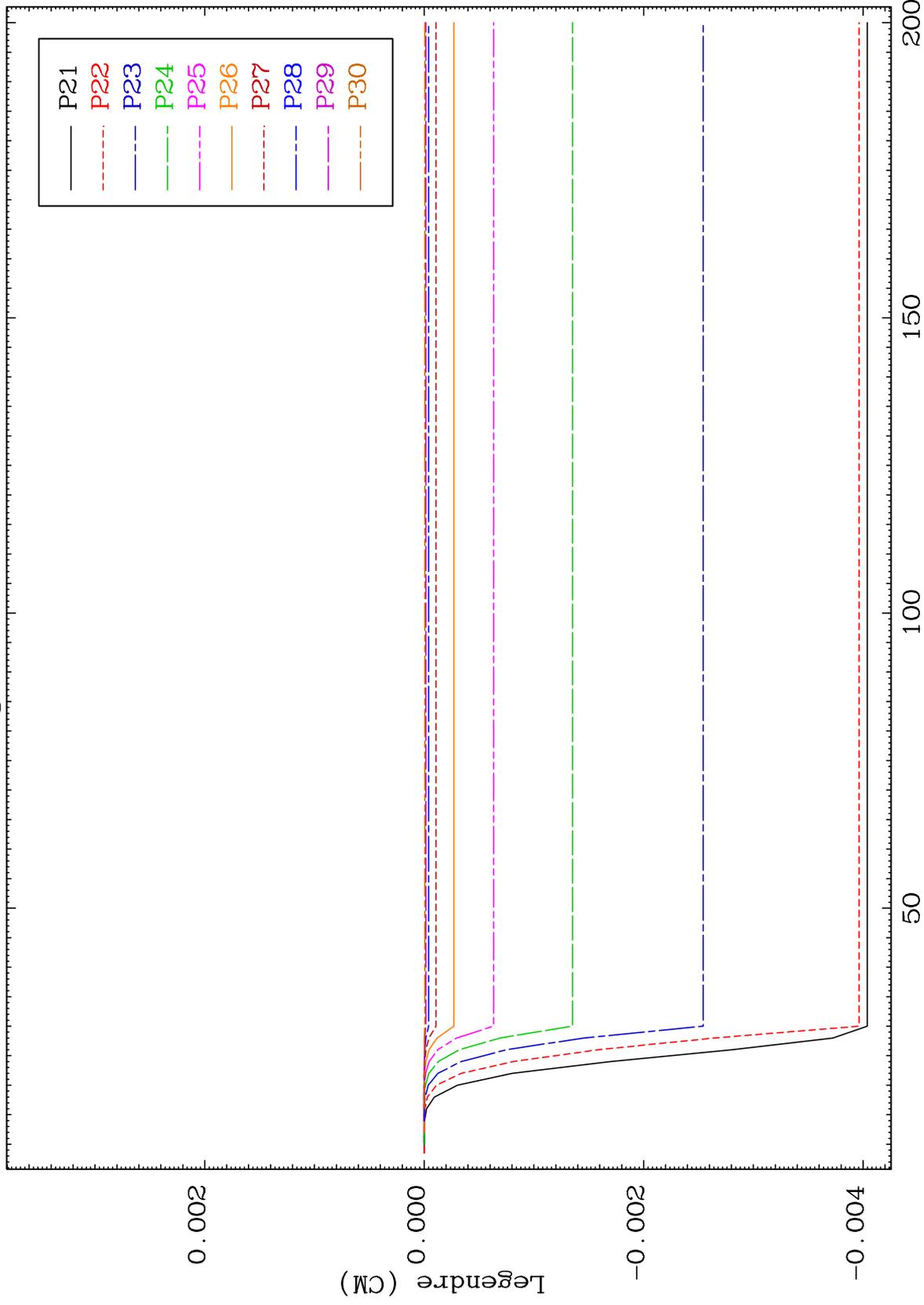
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MAT 8325

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

83-Bi-209



51

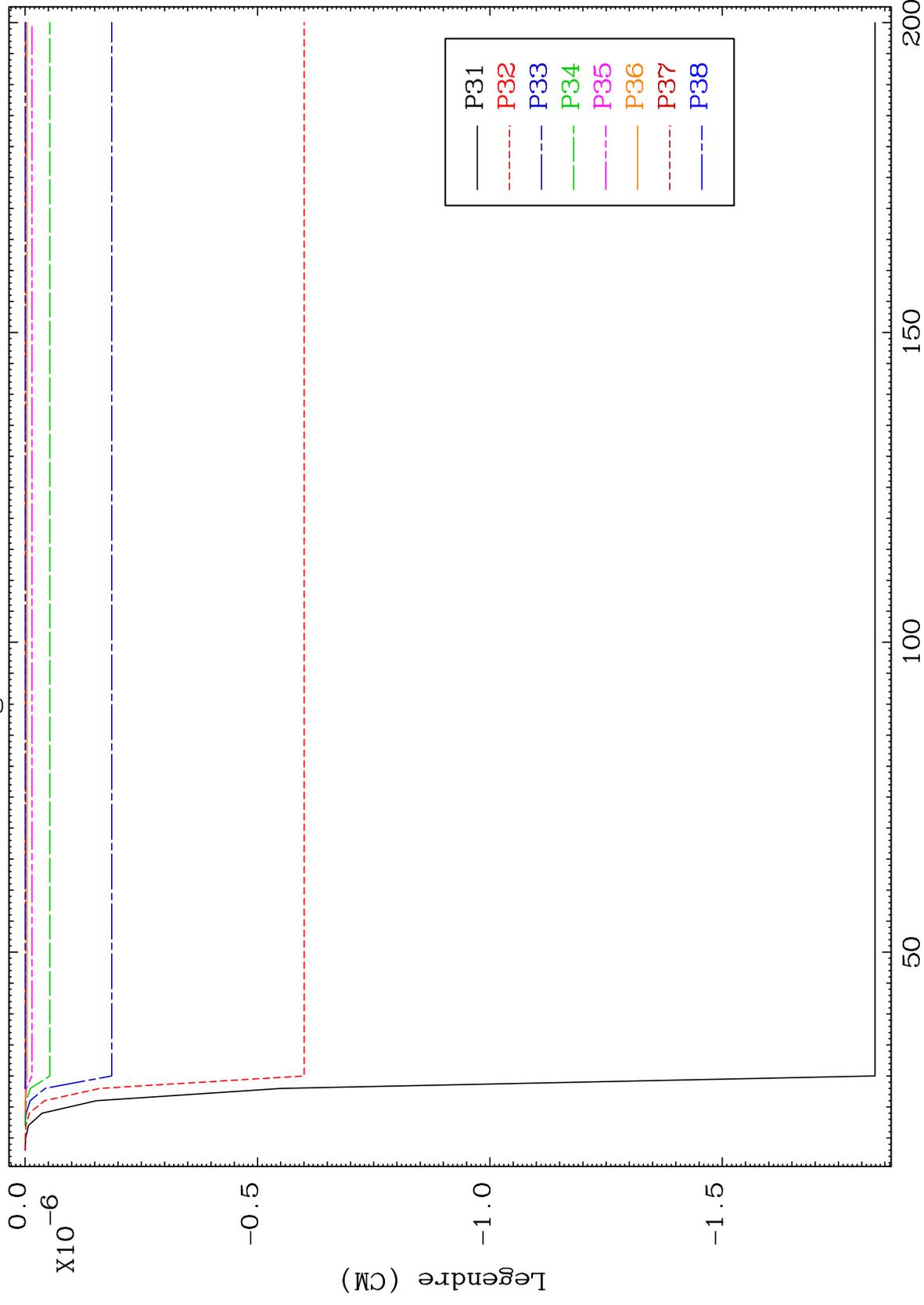
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MAT 8325

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

83-Bi-209



52

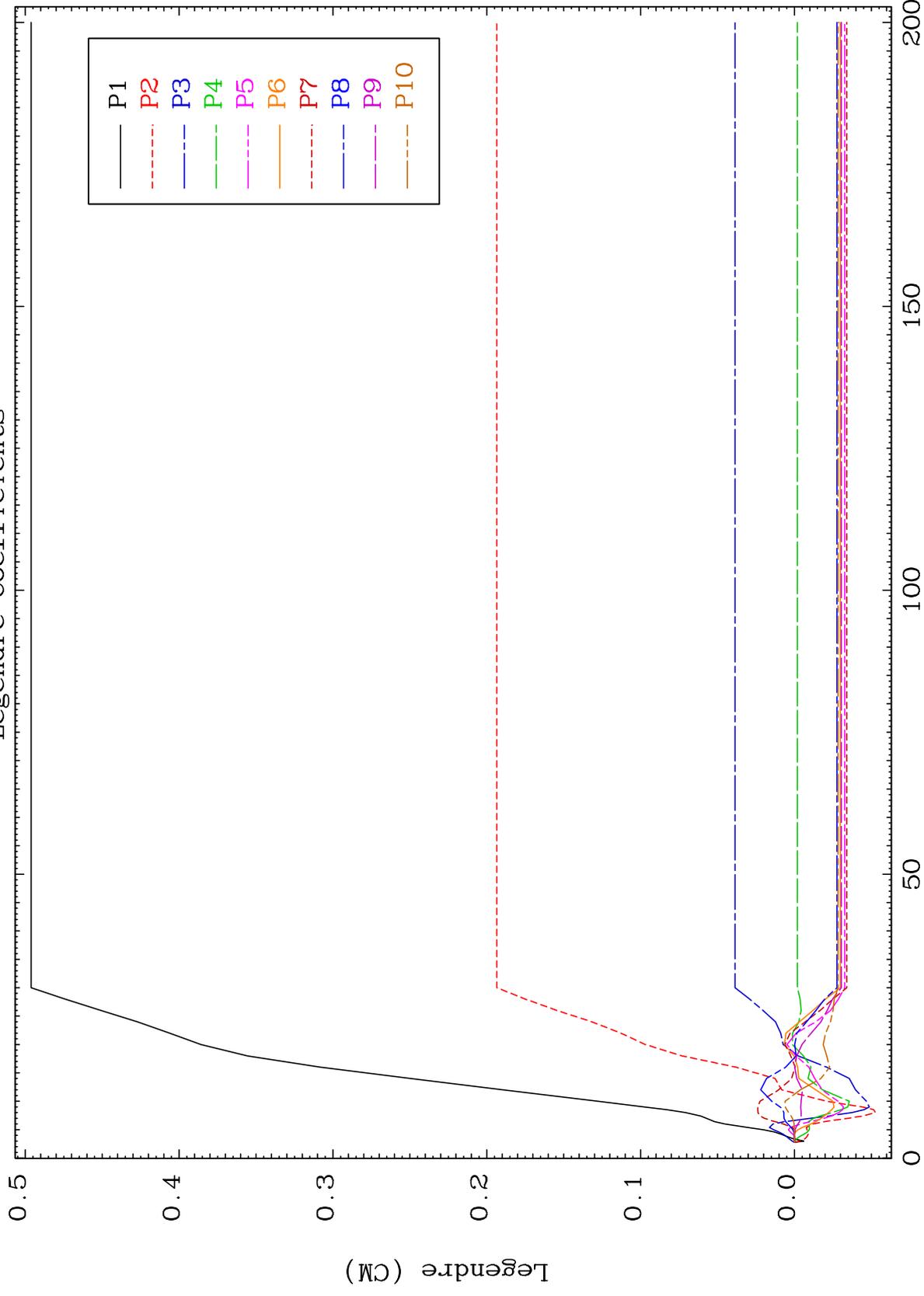
Incident Energy (MeV)

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MAT 8325

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

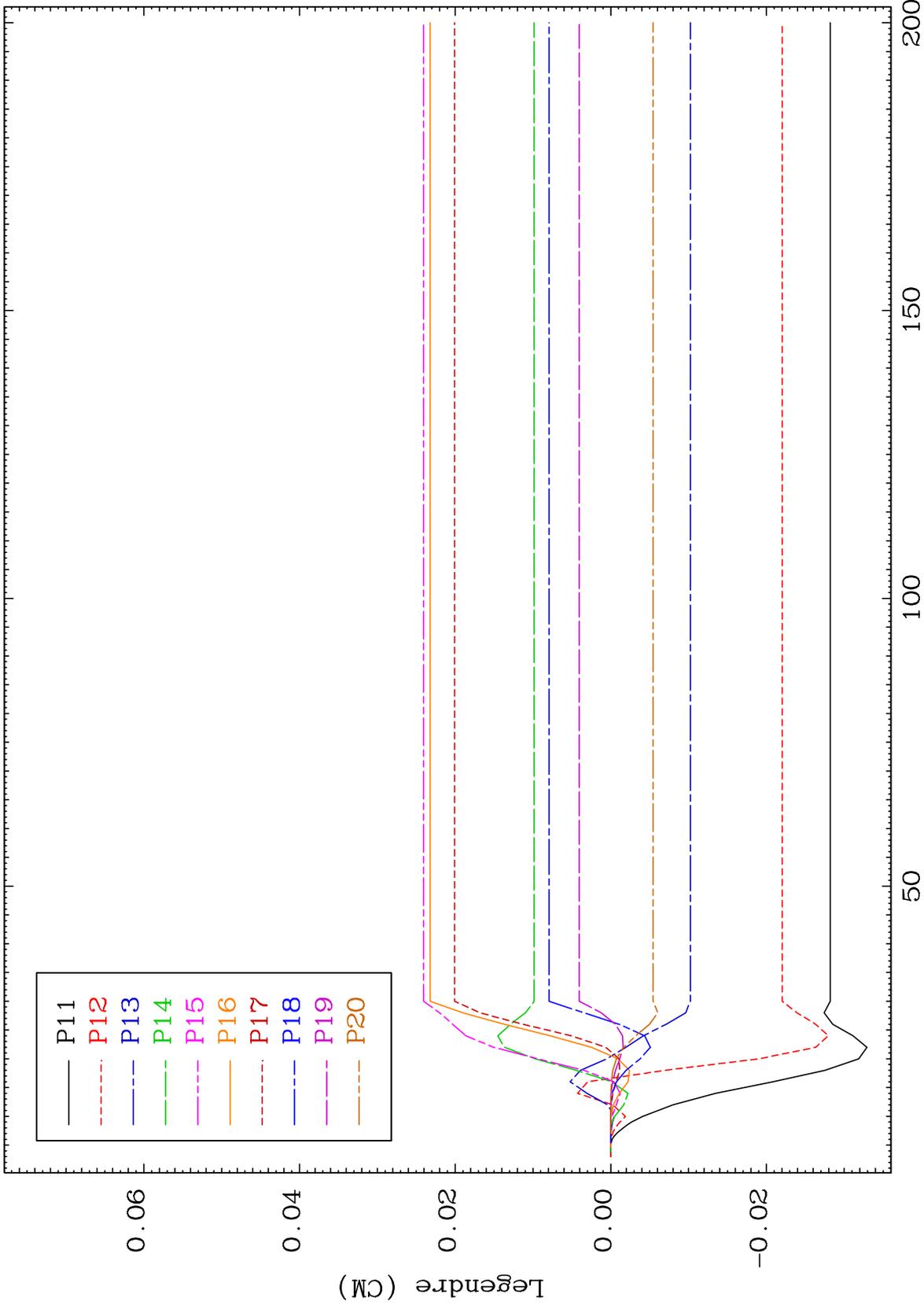
83-Bi-209



53

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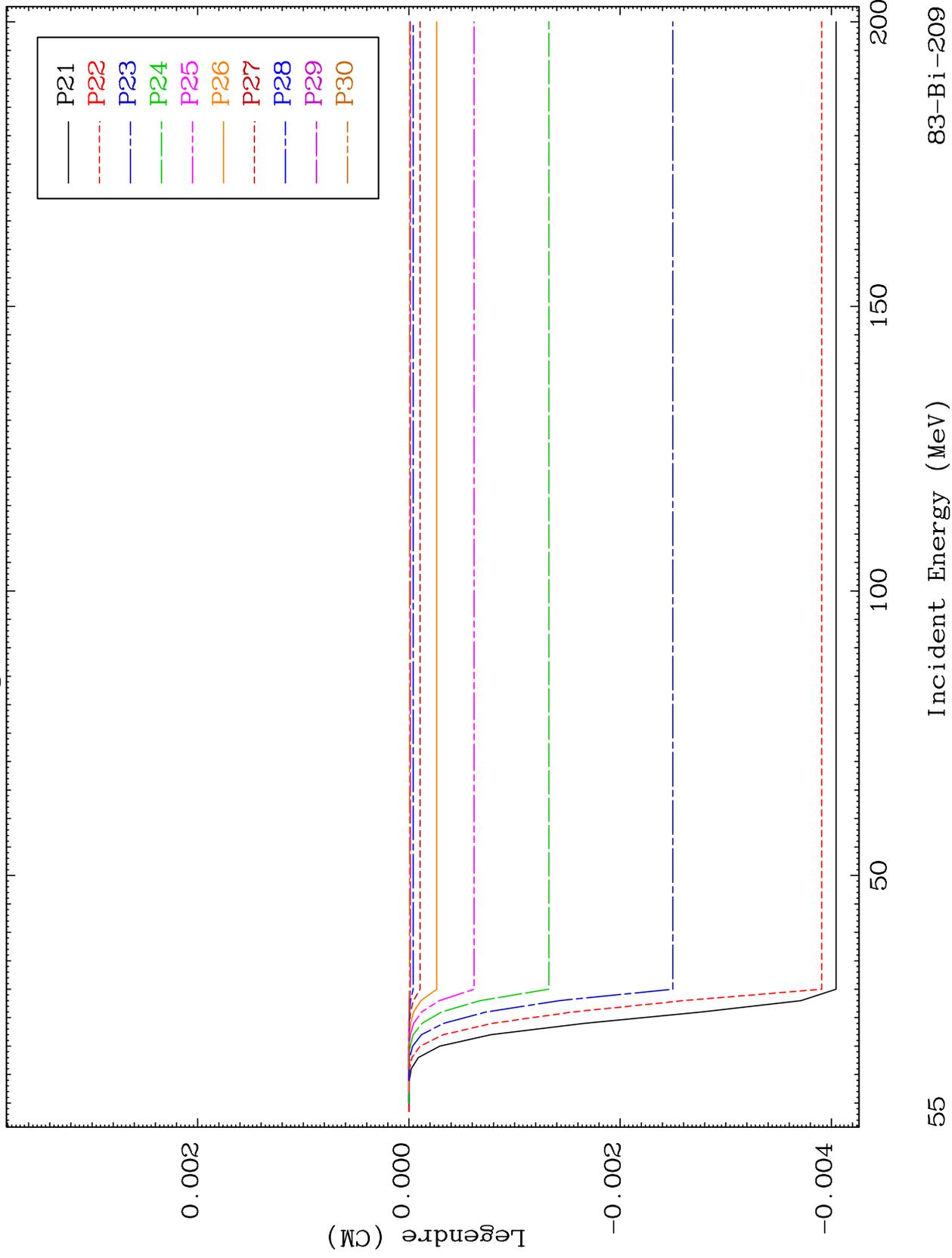
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MAT 8325

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

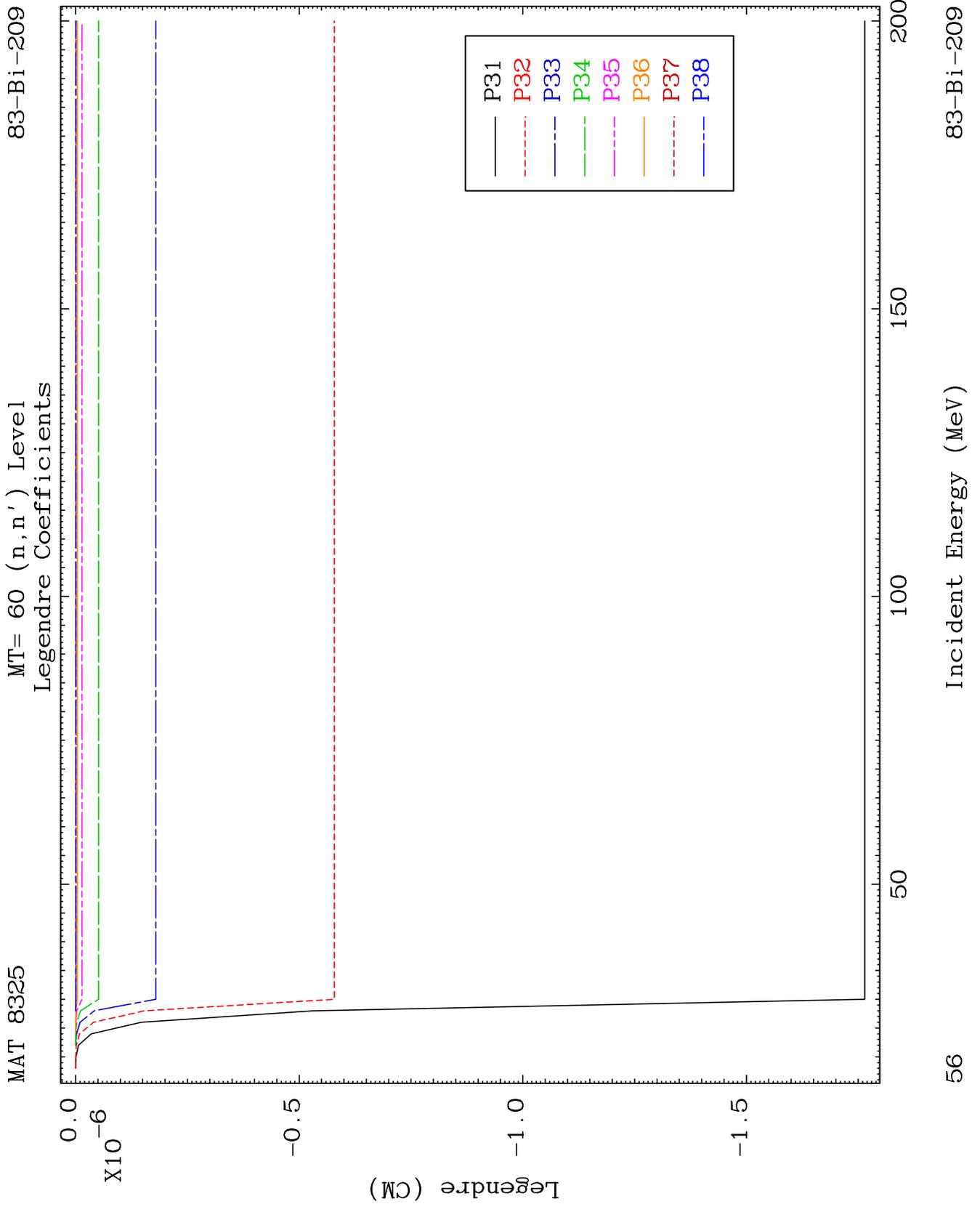
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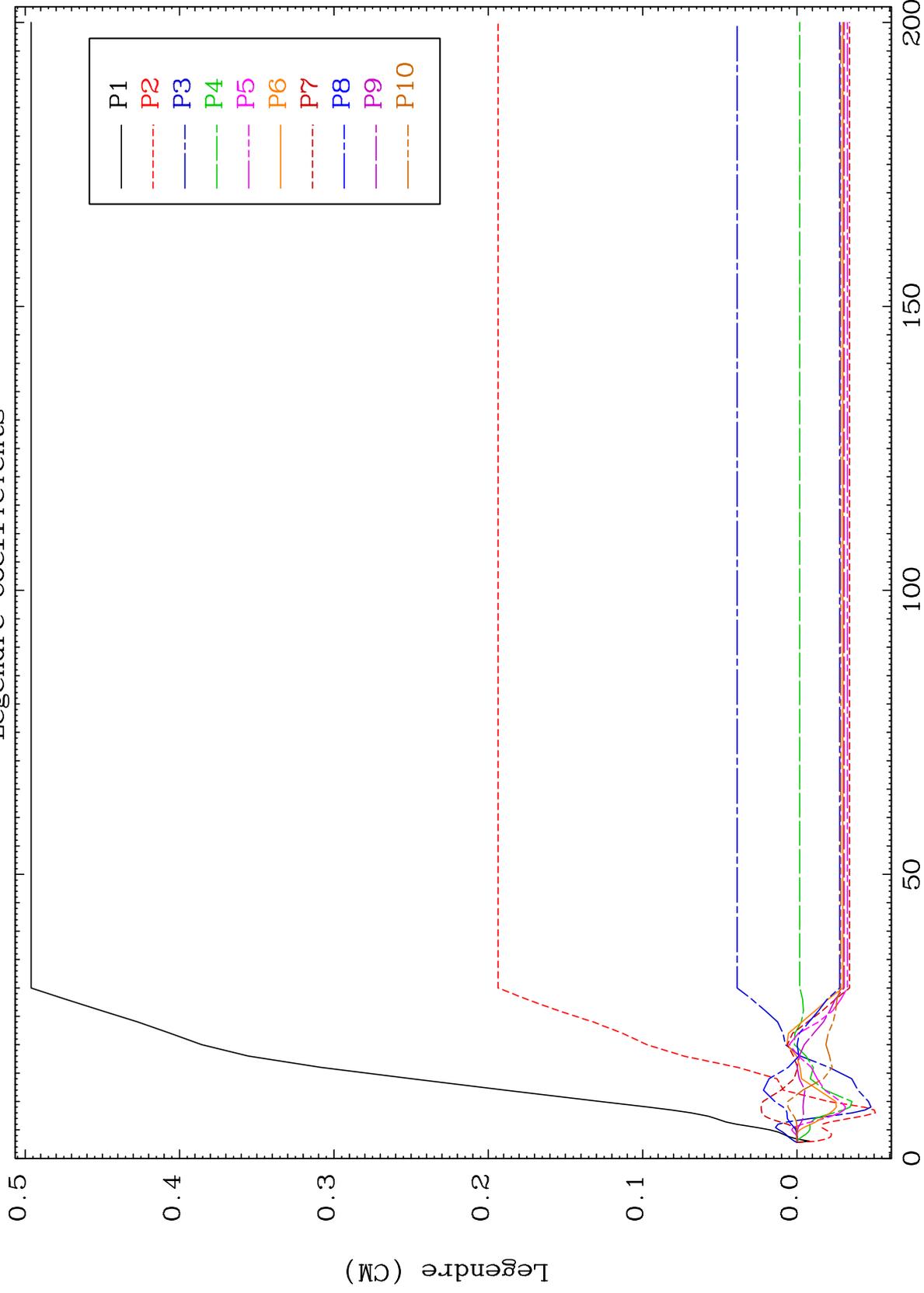
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MAT 8325

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

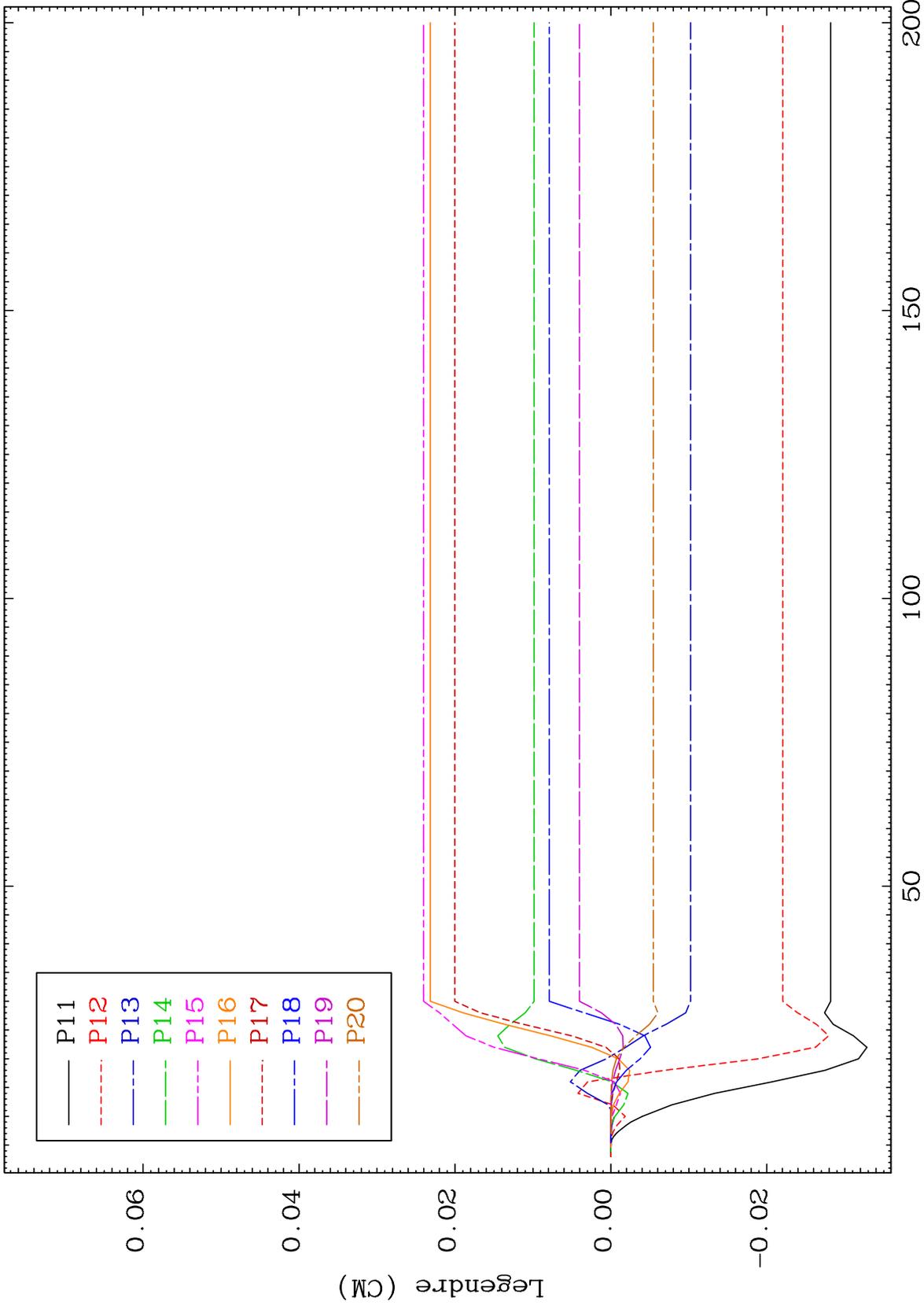
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57

Incident Energy (MeV)

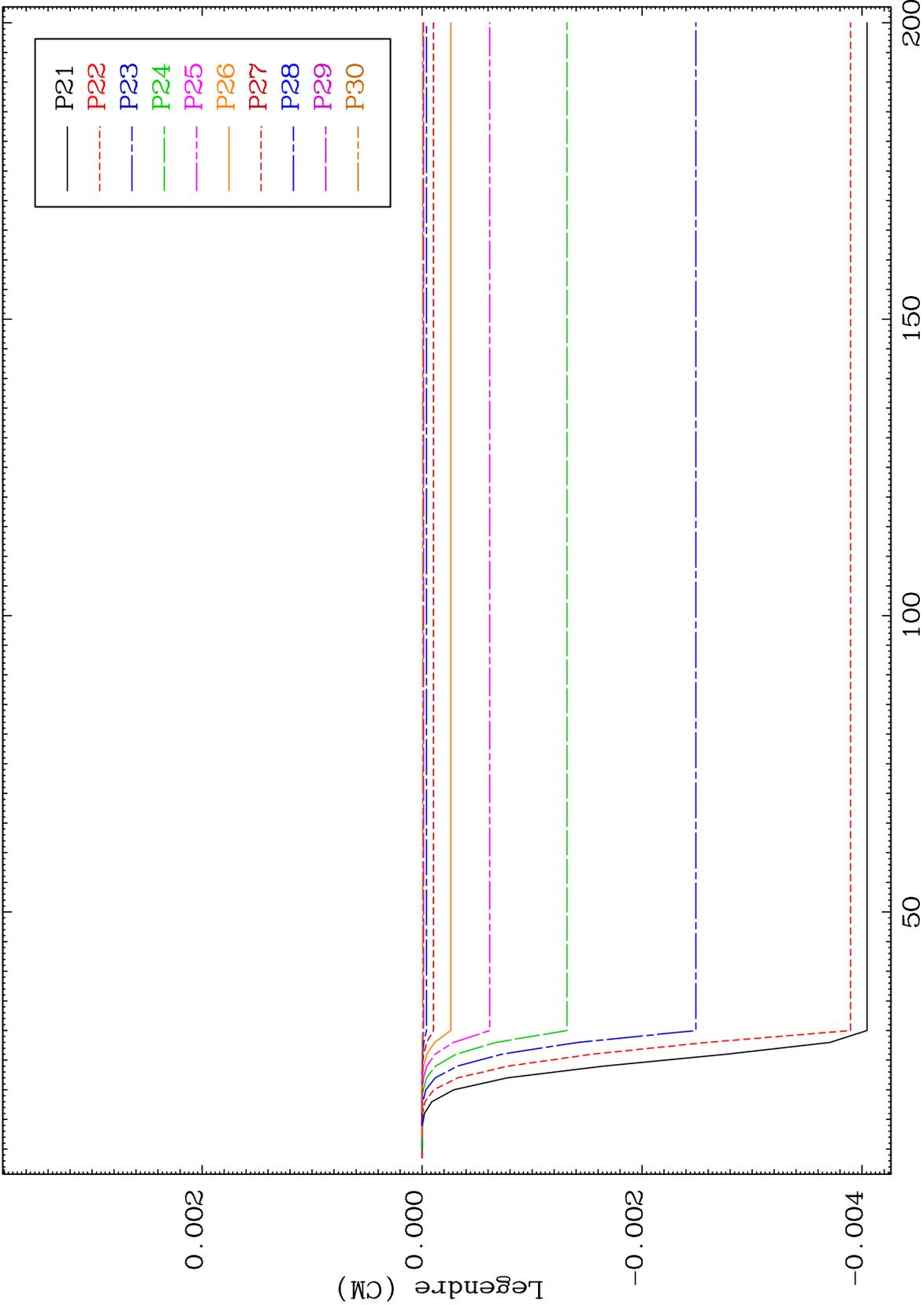
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MAT 8325

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

83-Bi-209



59

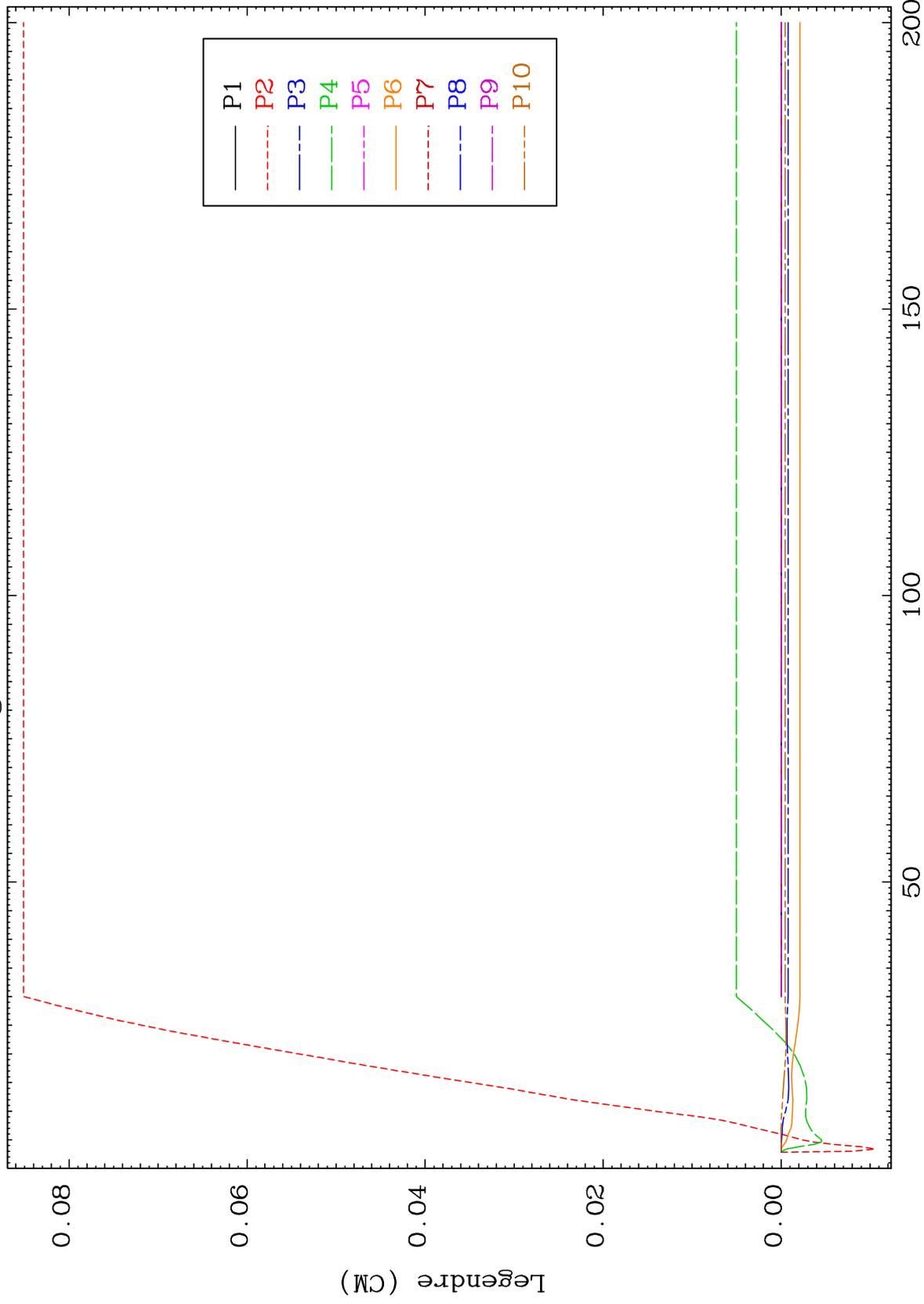
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



61

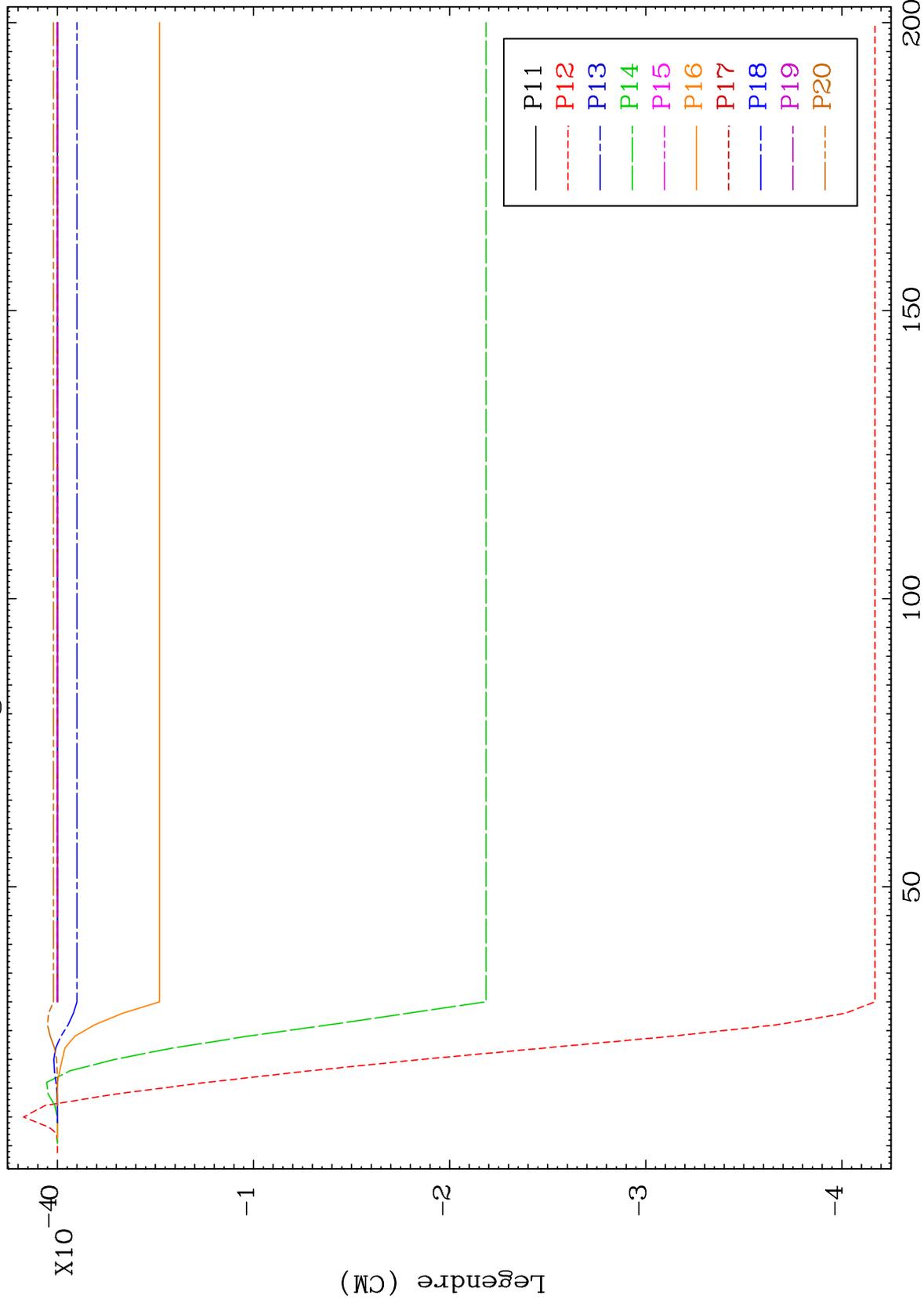
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



62

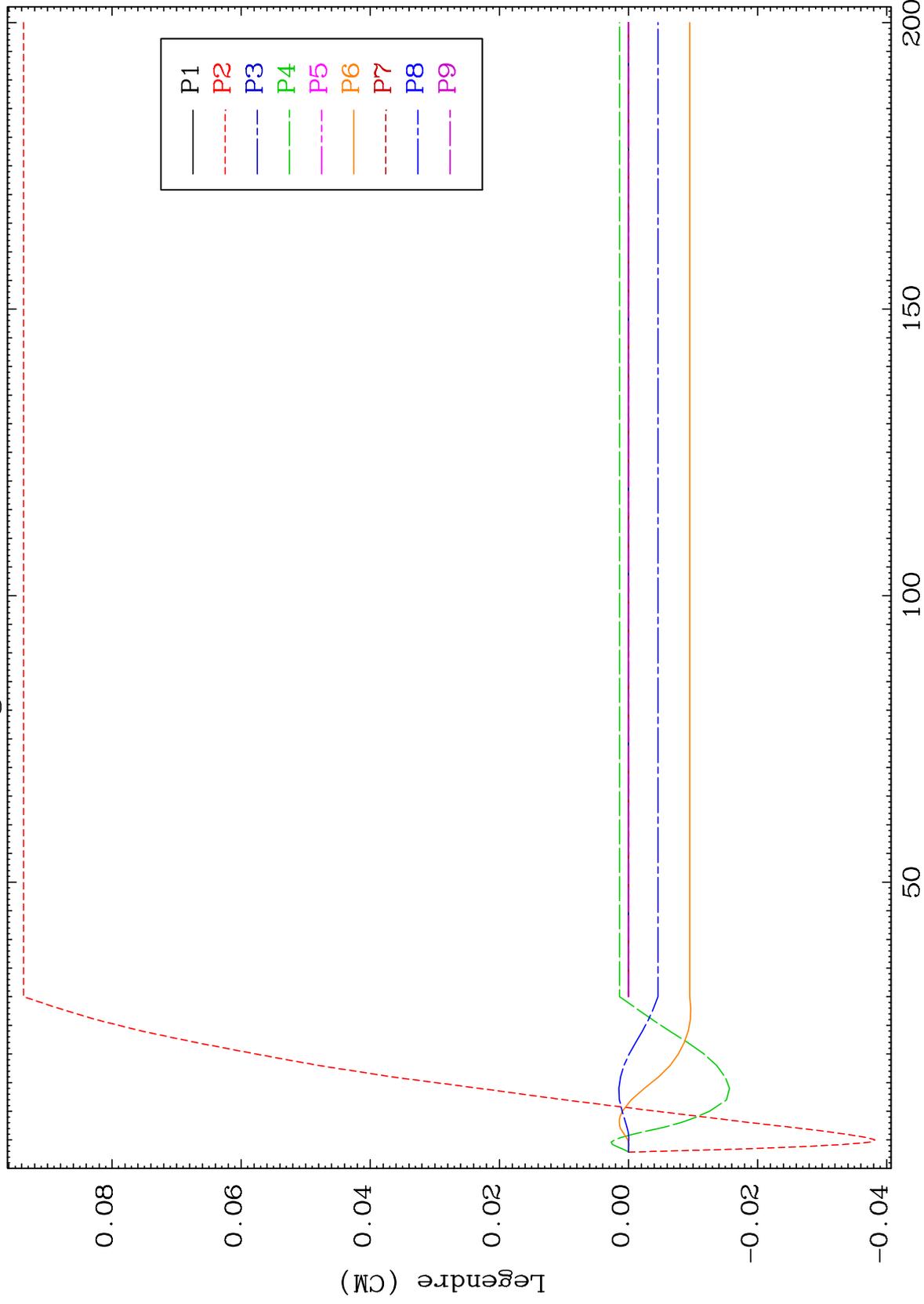
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

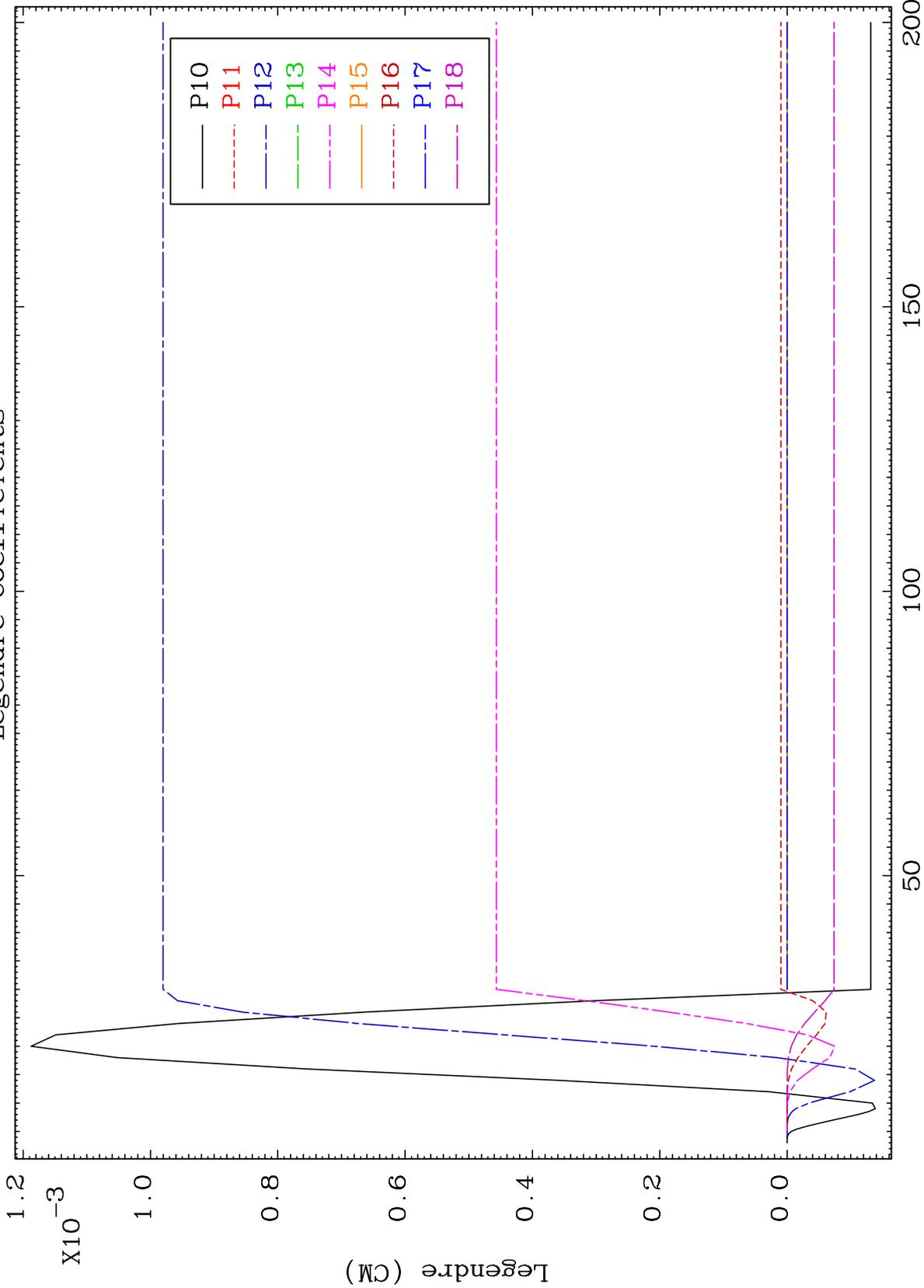
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64

Incident Energy (MeV)

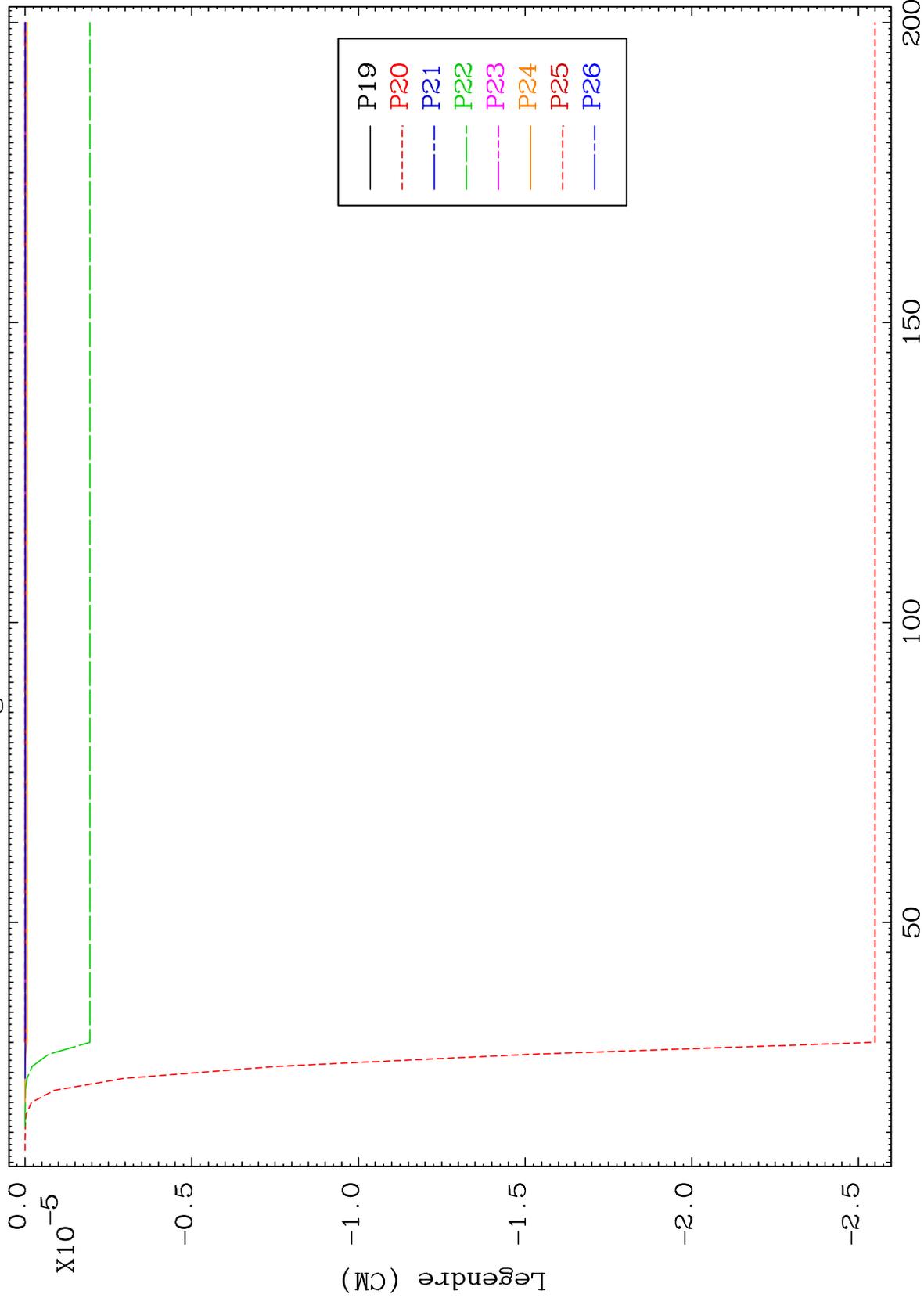
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MAT 8325

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

83-Bi-209



66

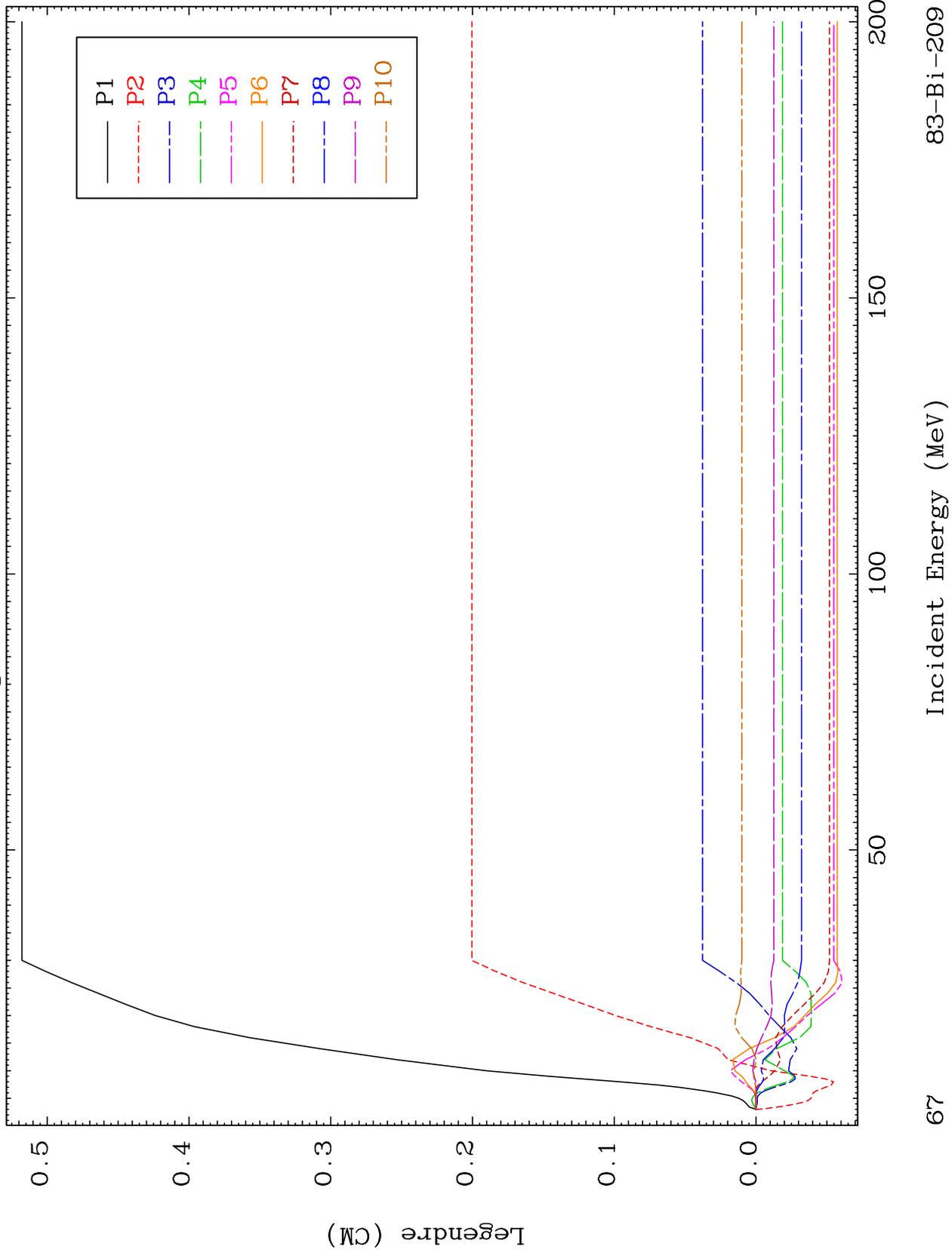
Incident Energy (MeV)

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MAT 8325

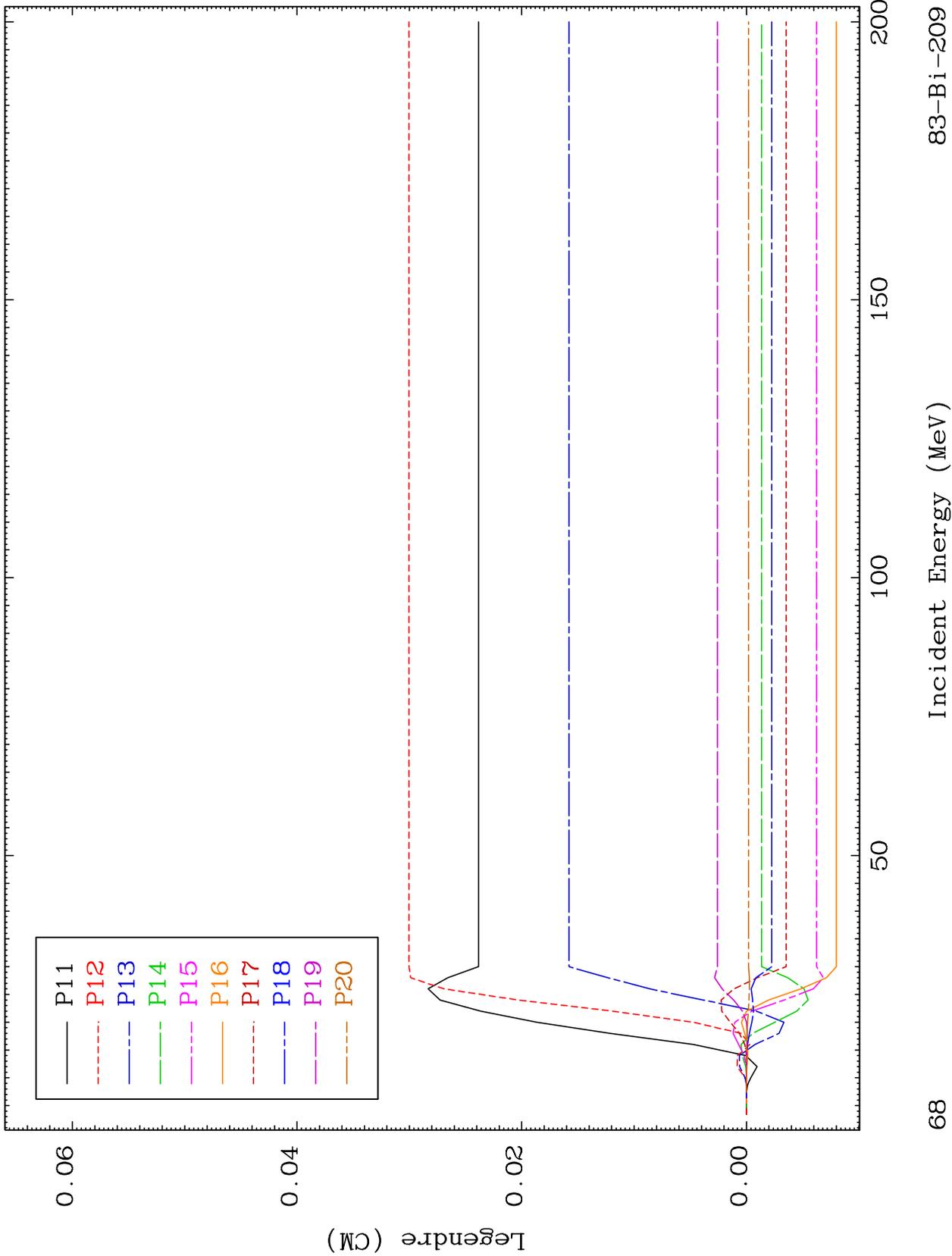
MT= 64 (n,n') Level
Legendre Coefficients

83-Bi-209



67

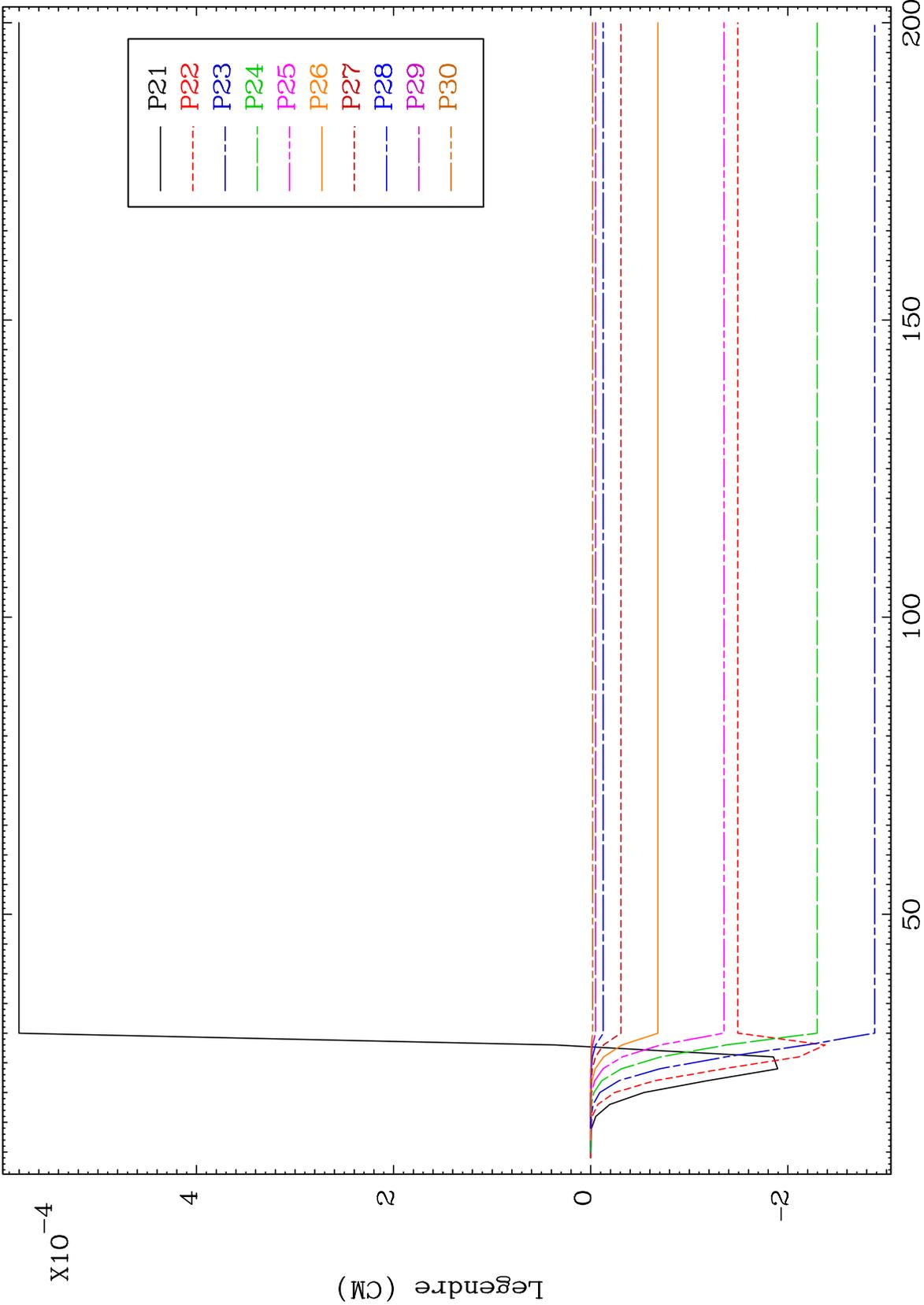
83-Bi-209



MAT 8325

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

83-Bi-209



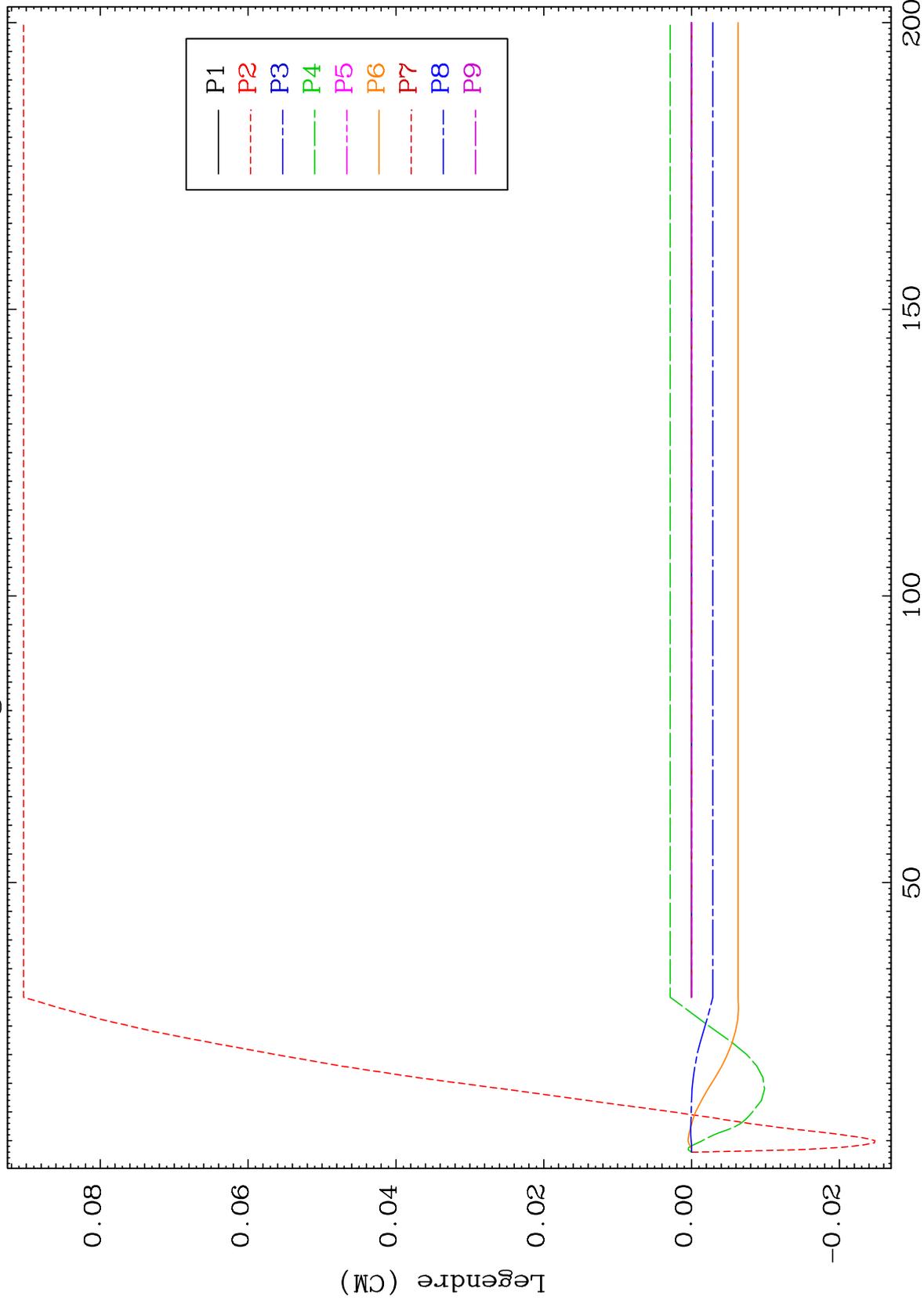
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83-Bi-209

MAT 8325

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

83-Bi-209



71

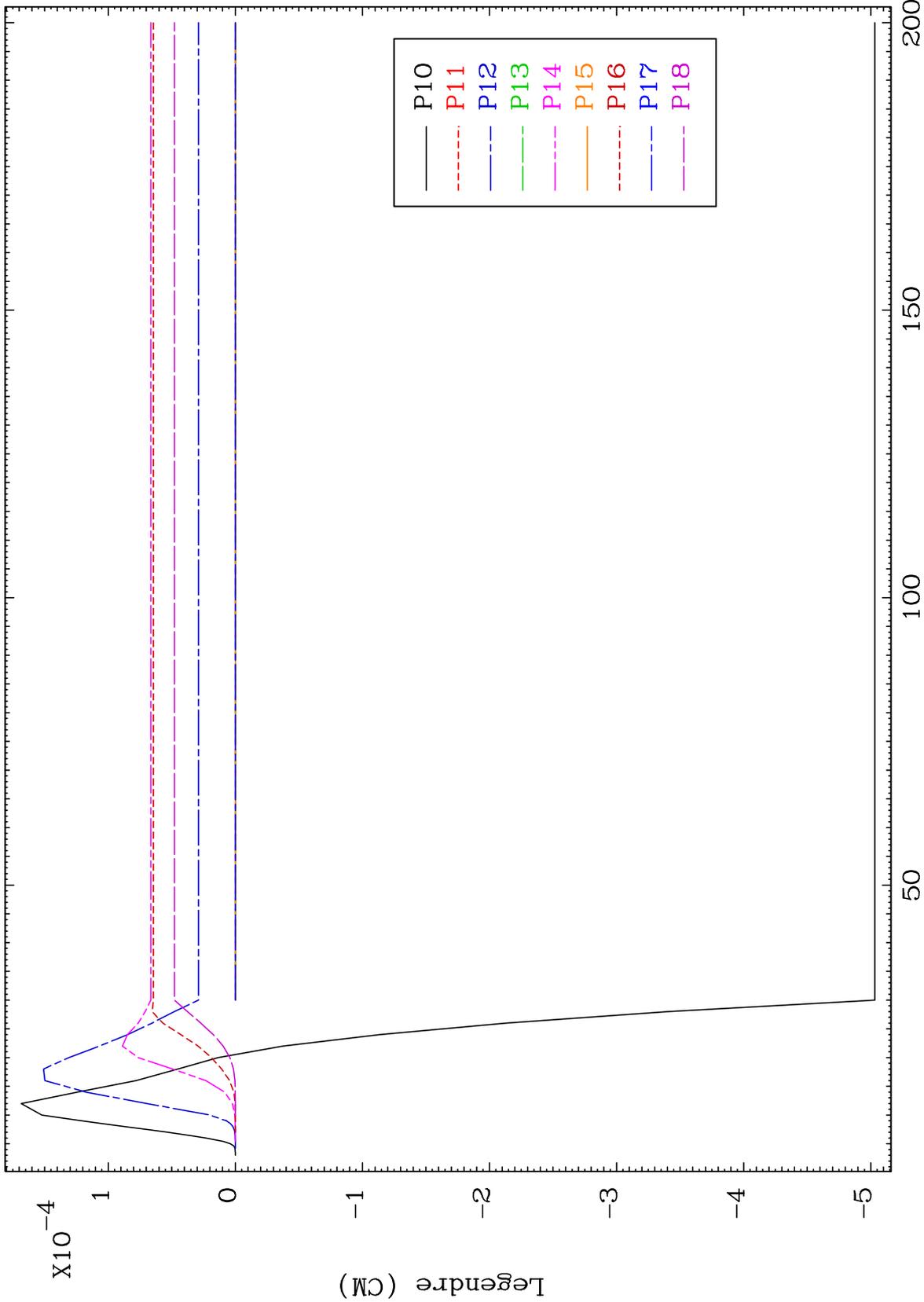
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

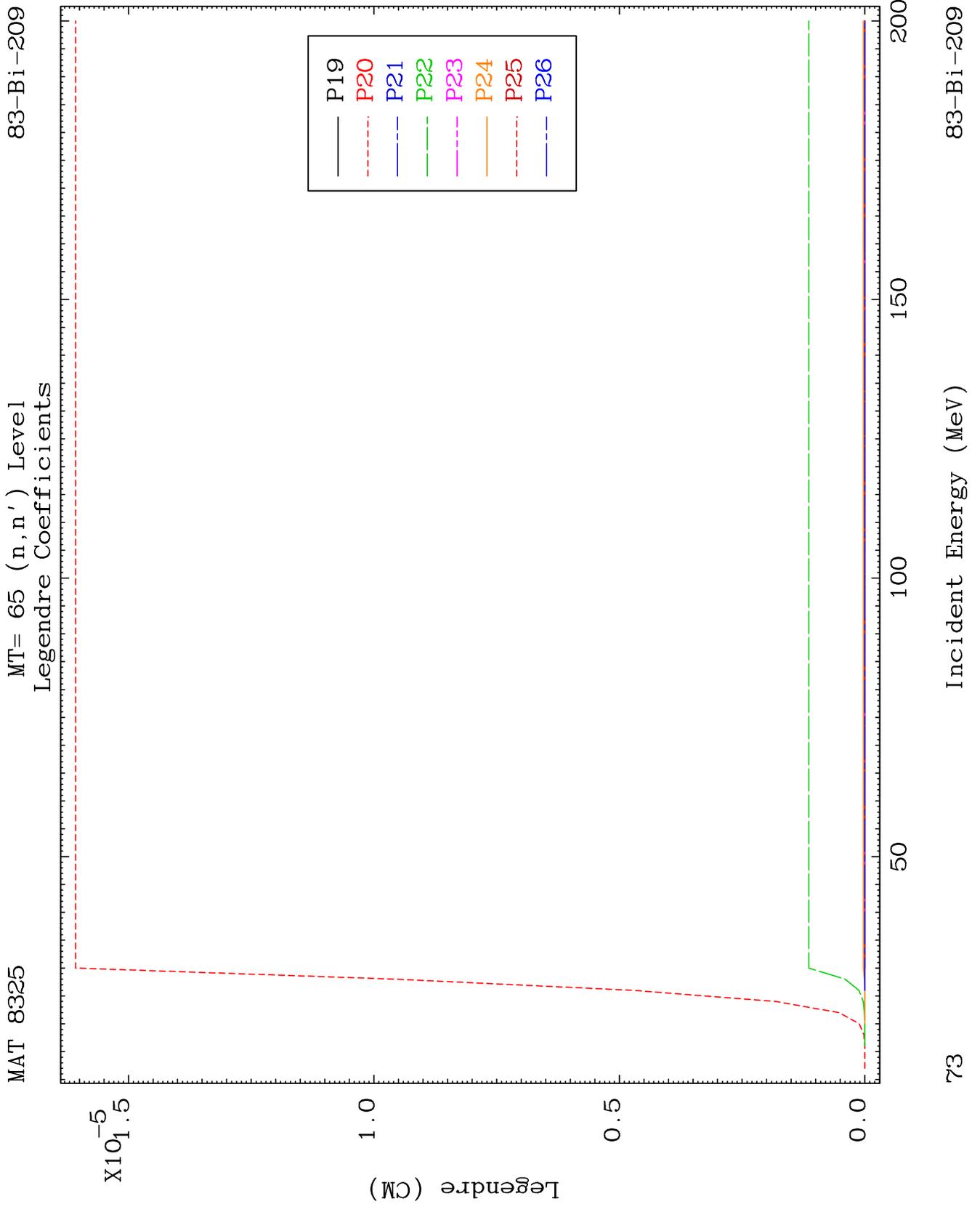
83-Bi-209



72

Incident Energy (MeV)

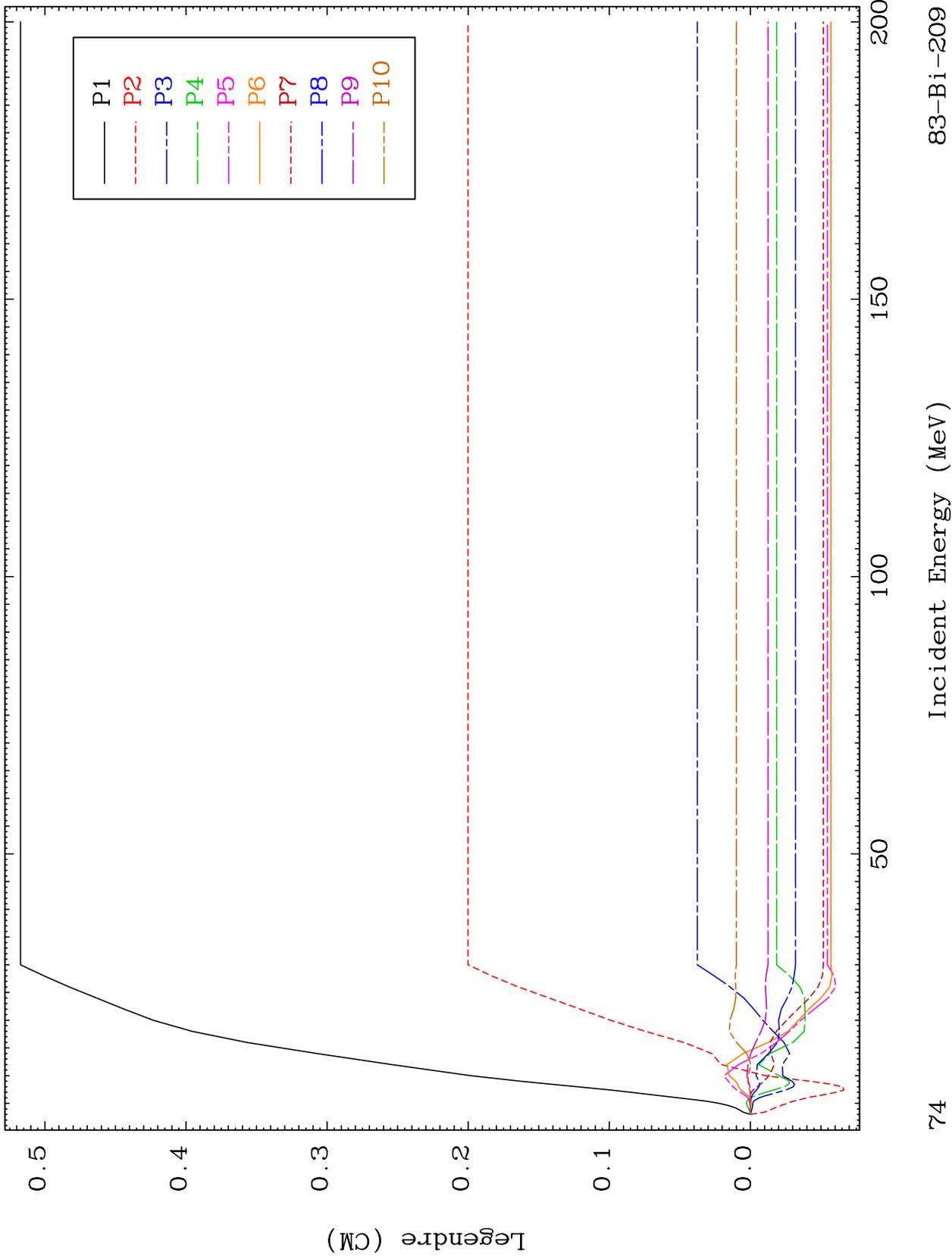
83-Bi-209



MAT 8325

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

83-Bi-209



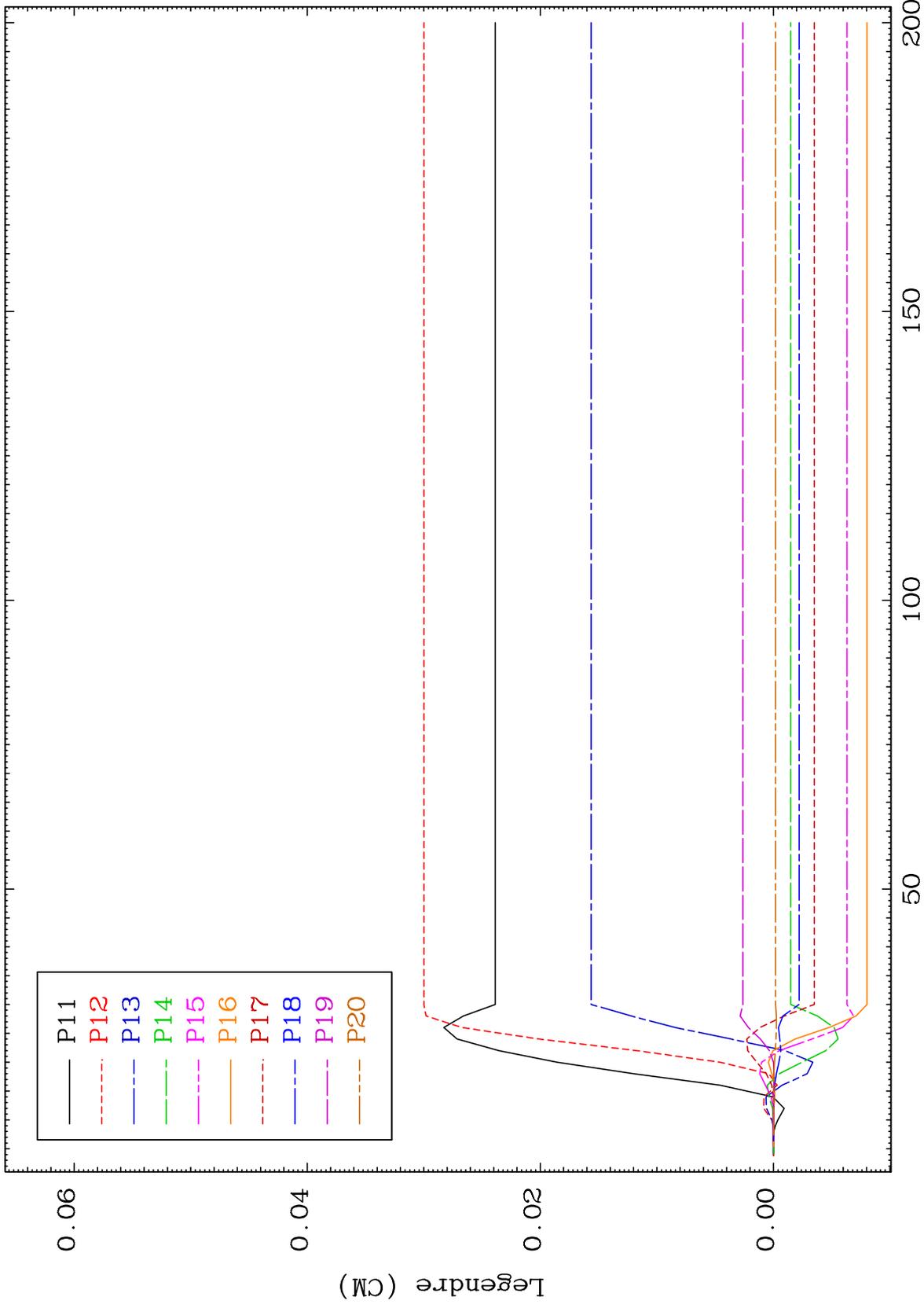
74

83-Bi-209

MAT 8325

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

83-Bi-209



75

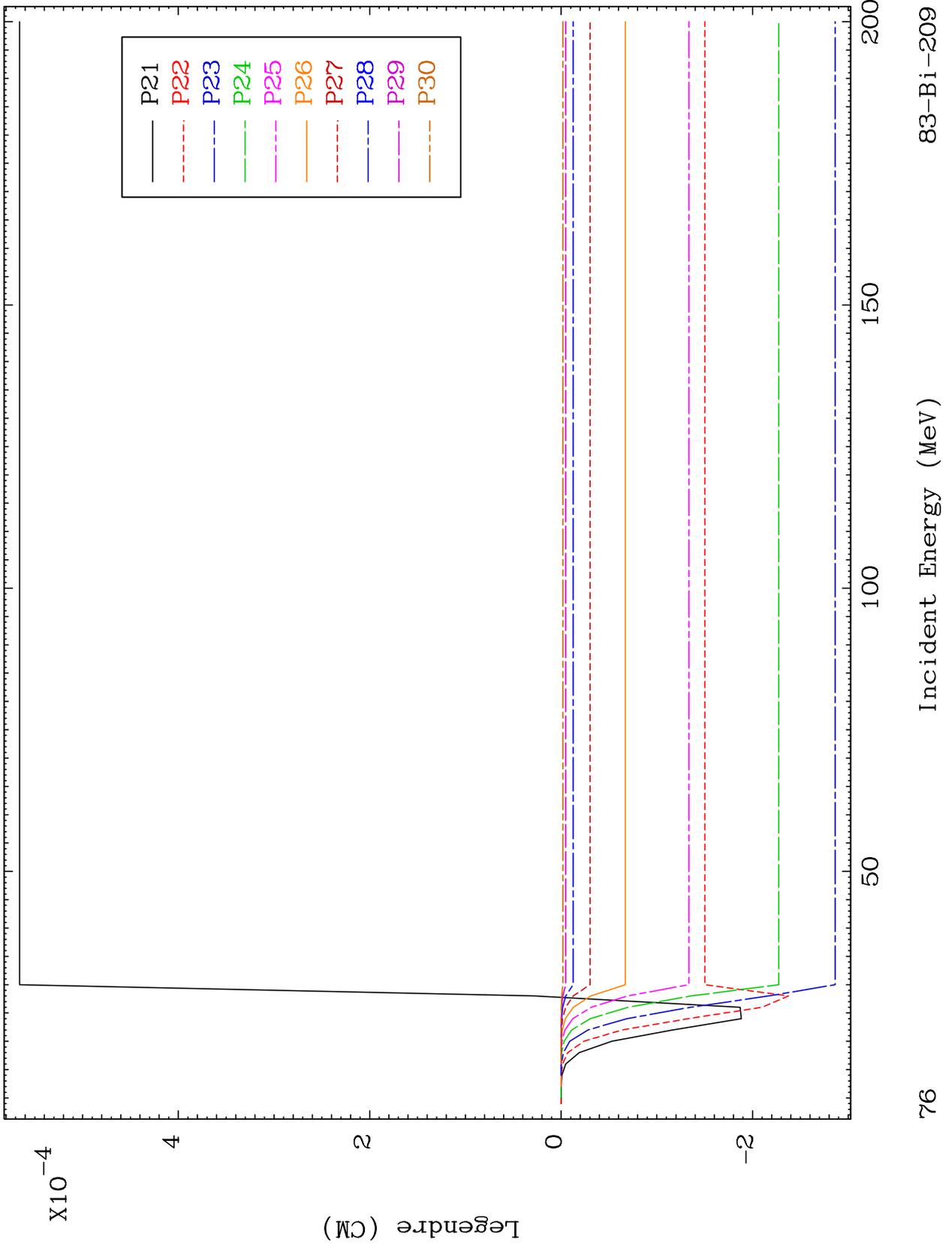
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



76

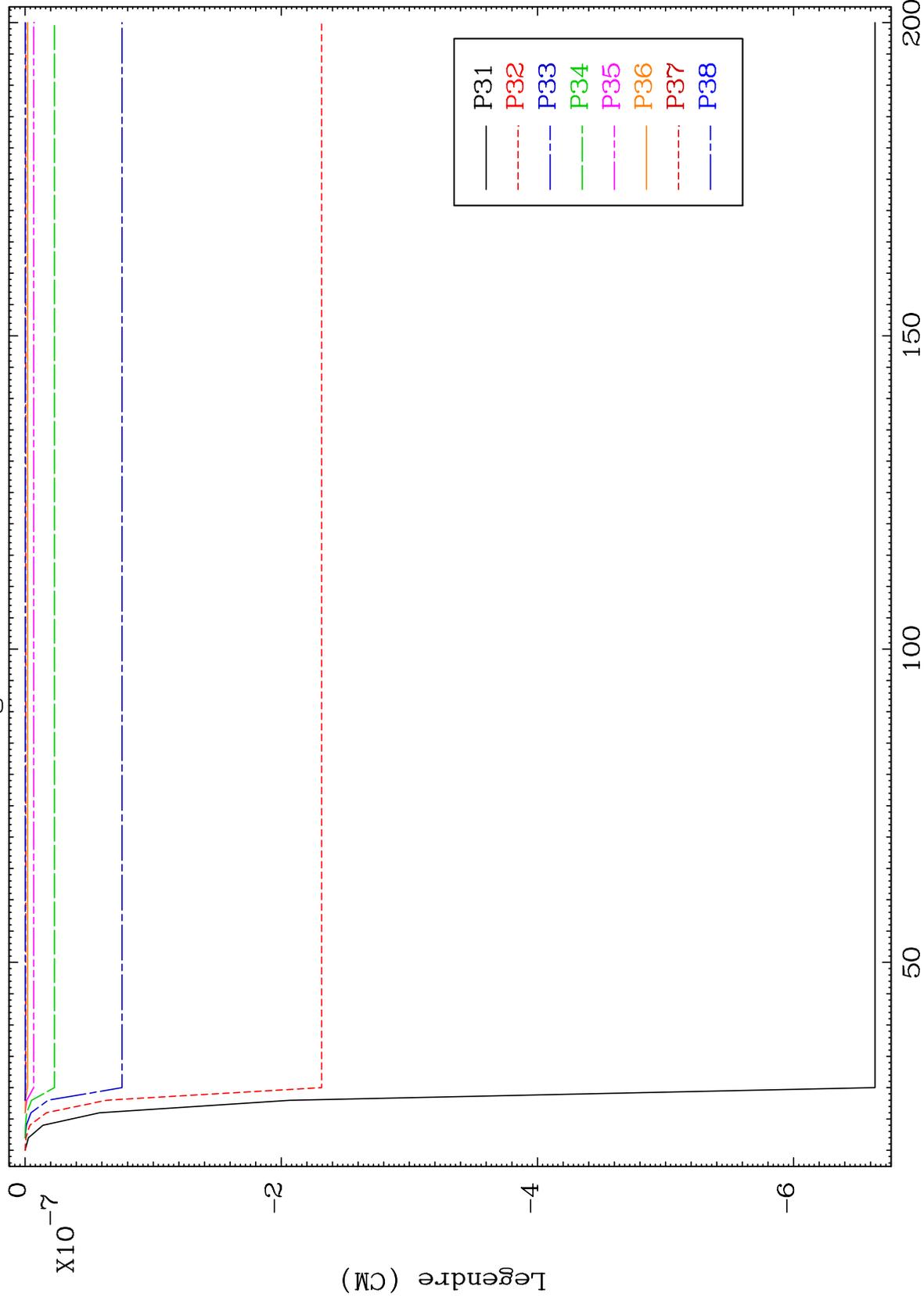
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

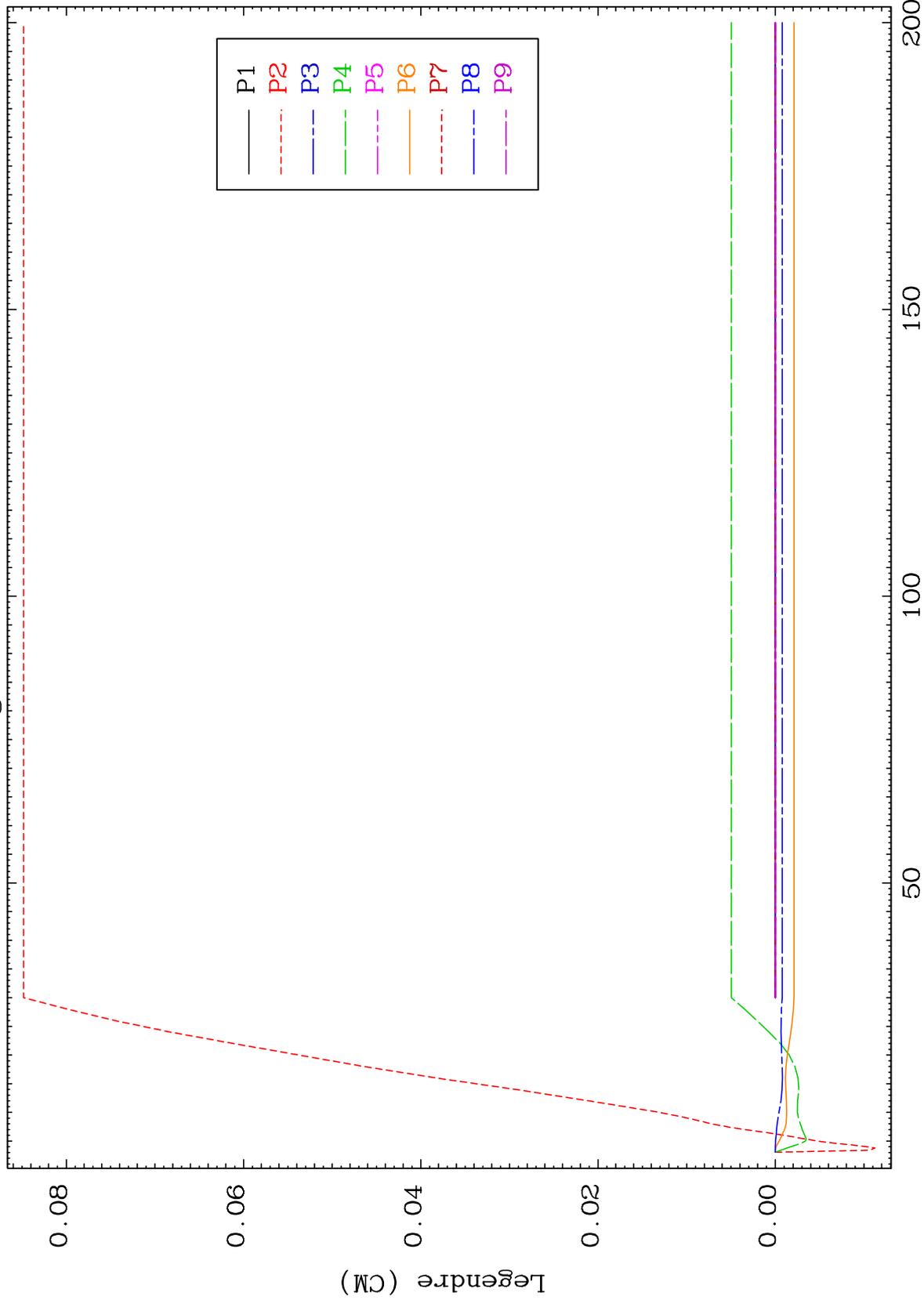
83-Bi-209



MAT 8325

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

83-Bi-209



78

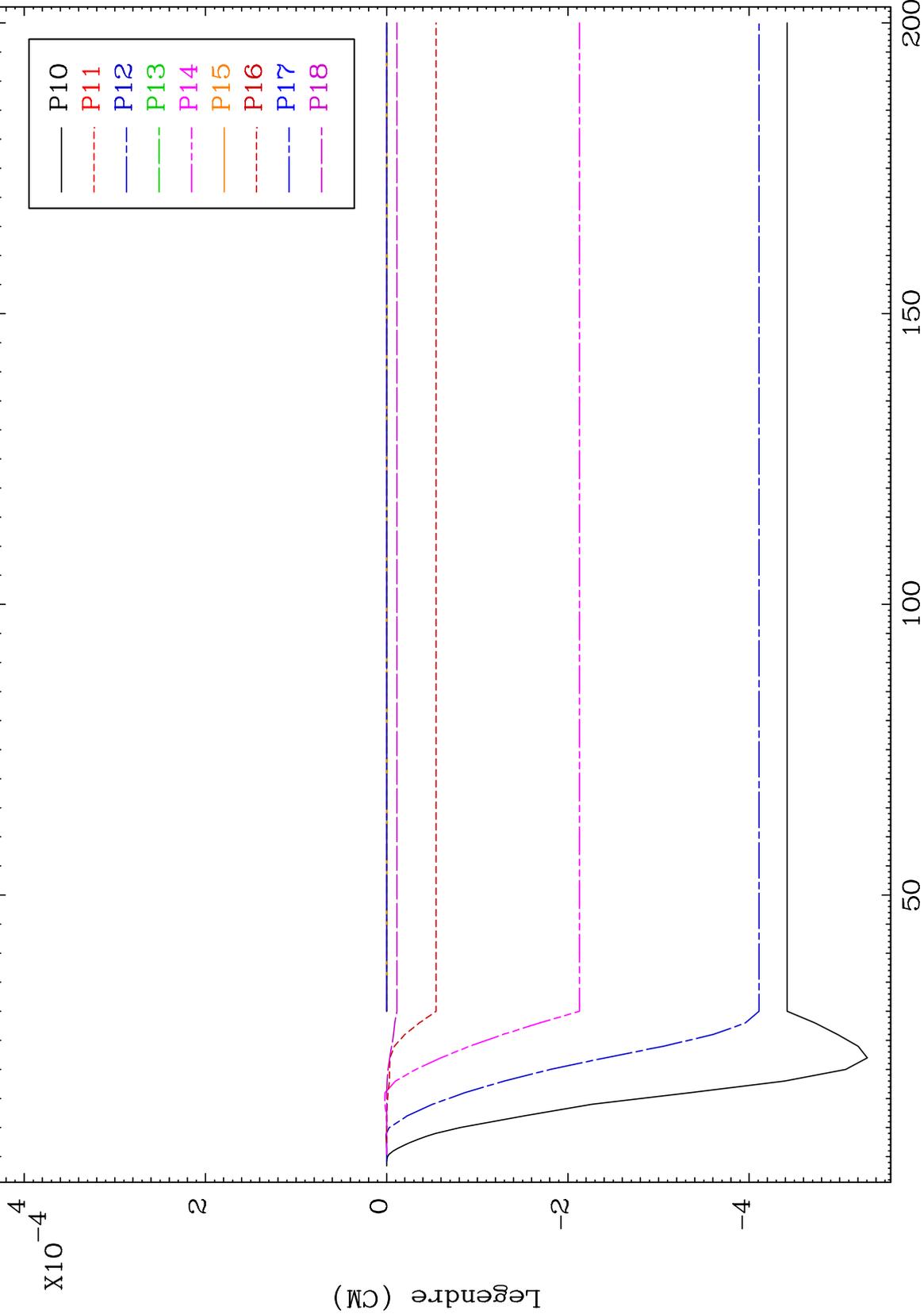
Incident Energy (MeV)

83-Bi-209

MAT 8325

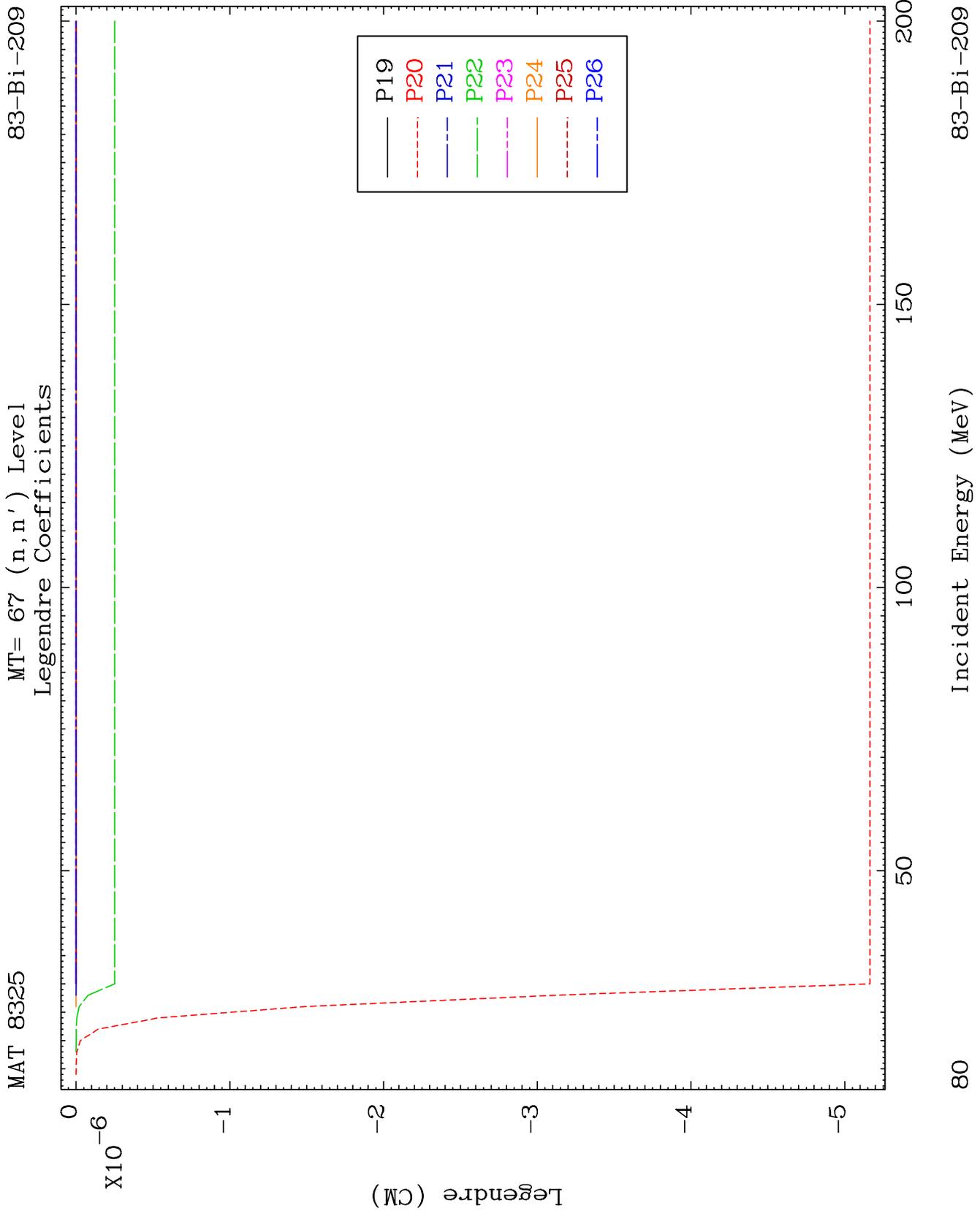
MT= 67 (n,n') Level
Legendre Coefficients

83-Bi-209



79

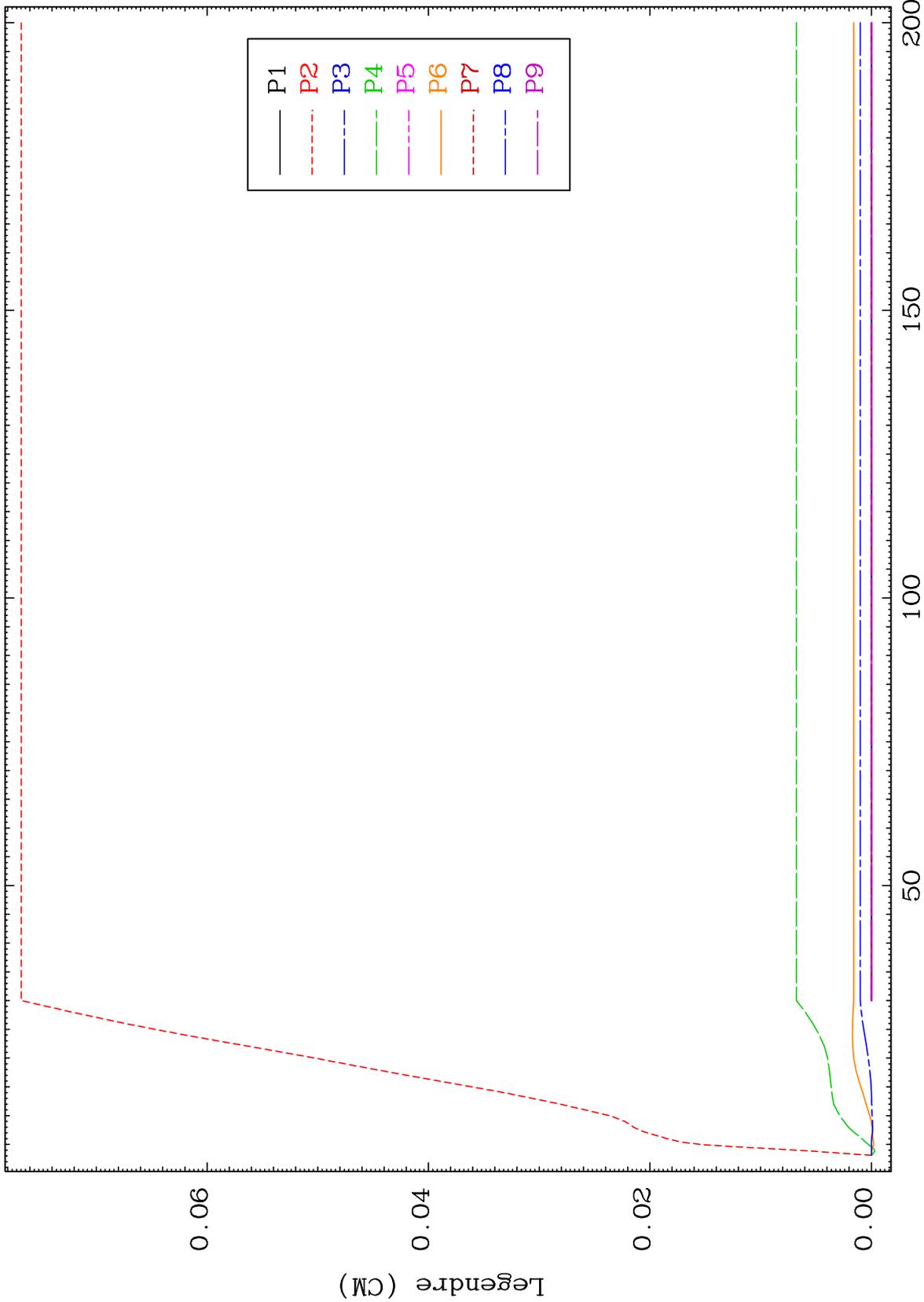
83-Bi-209



MAT 8325

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

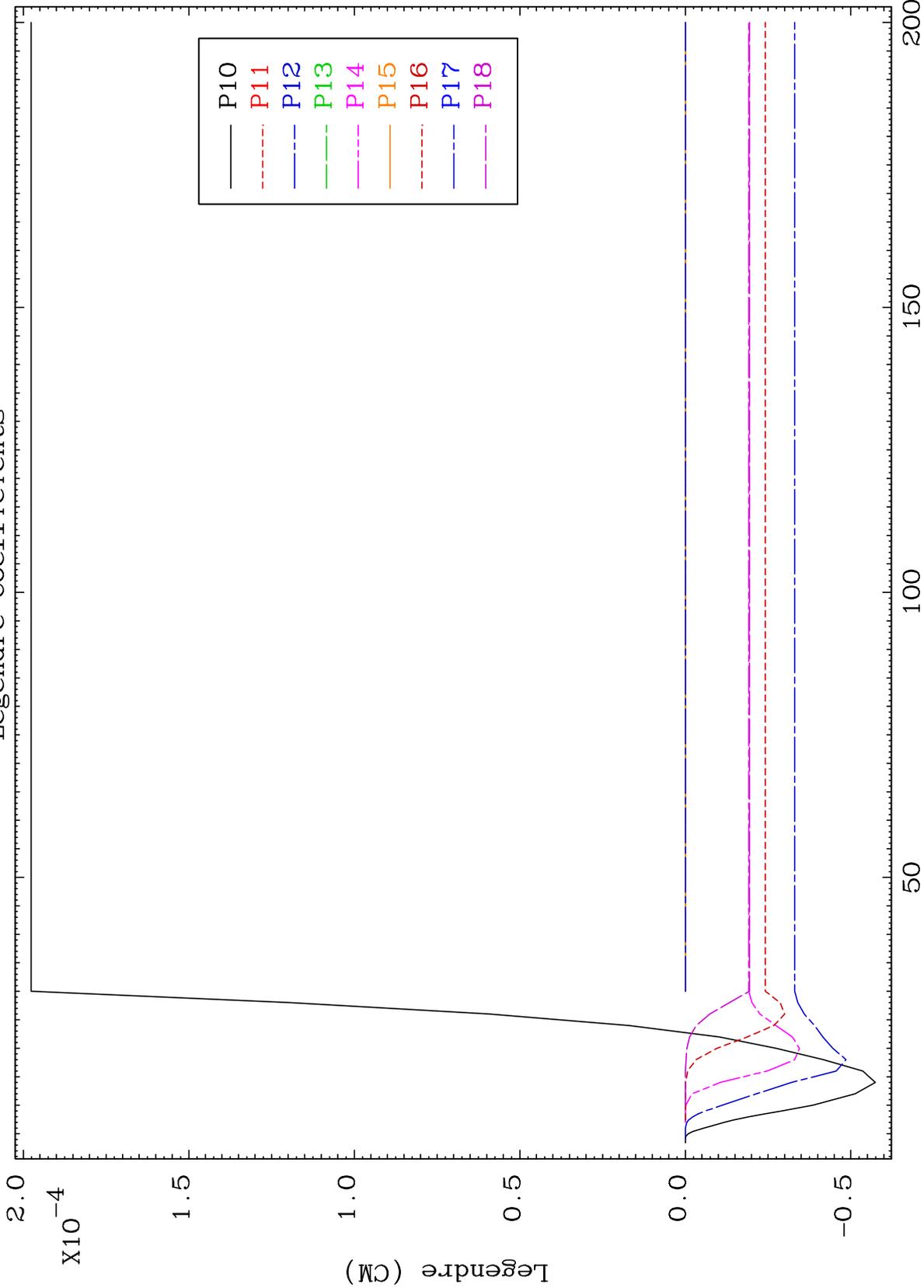
83-Bi-209

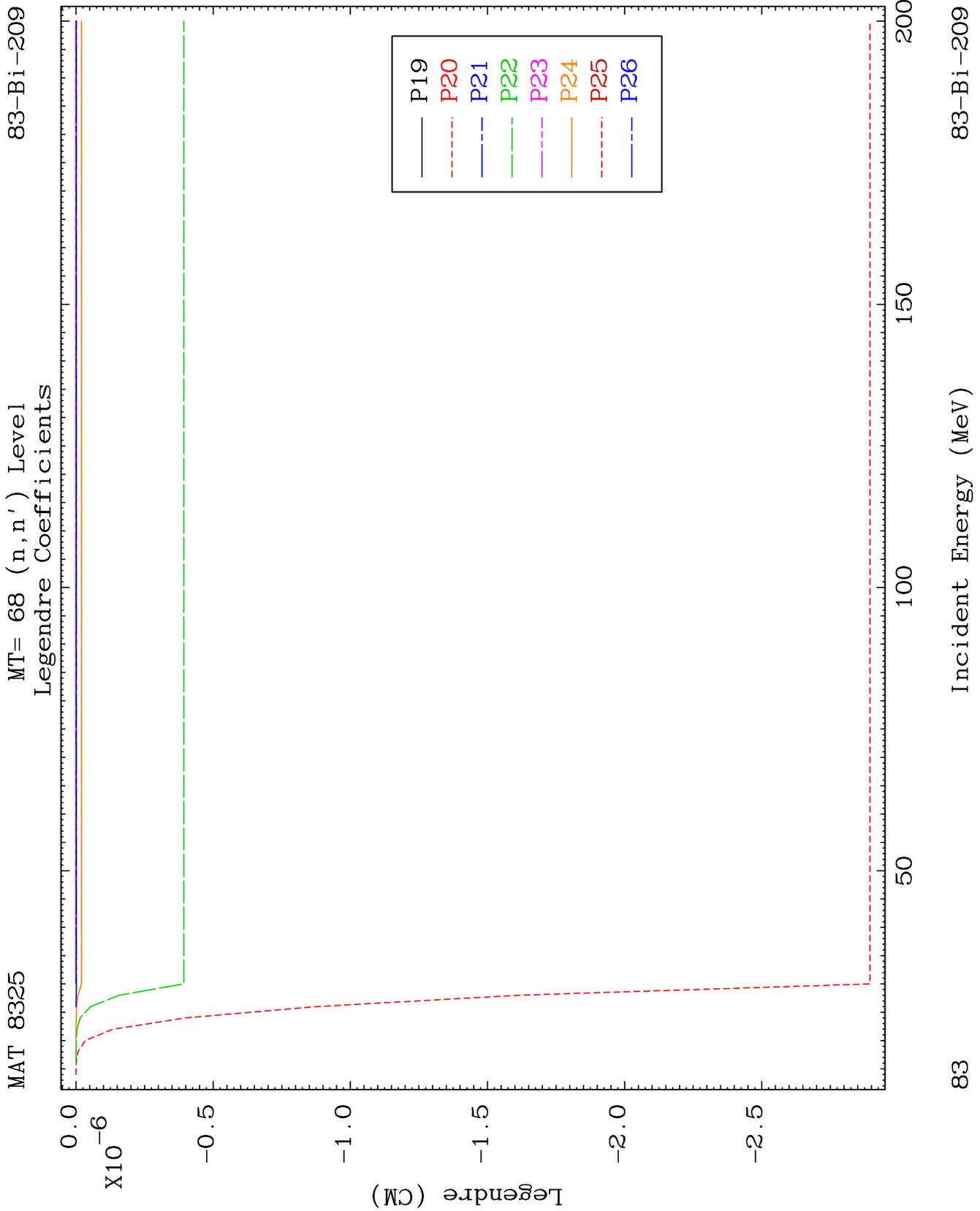


81

Incident Energy (MeV)

83-Bi-209

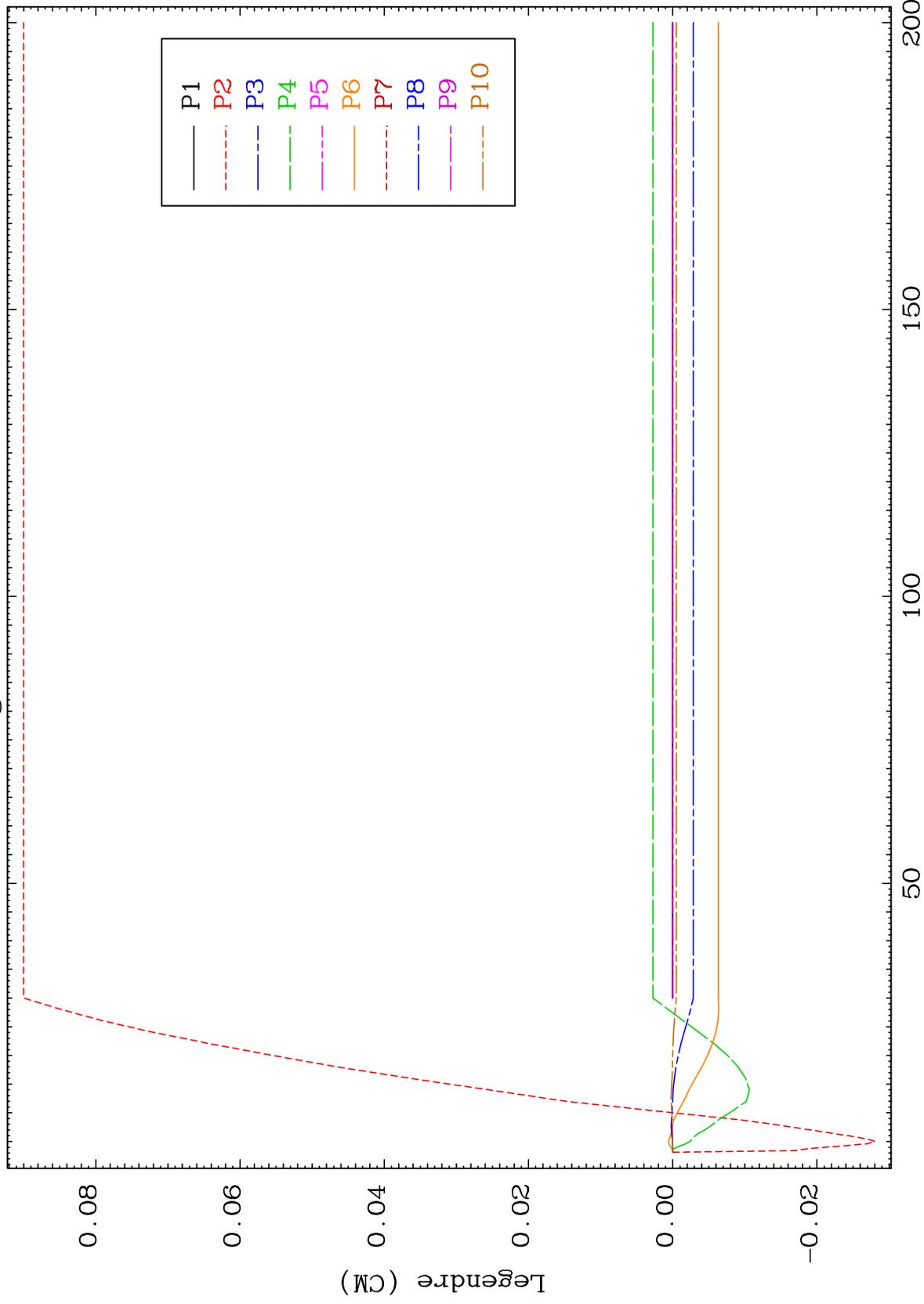




MAT 8325

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

83-Bi-209



84

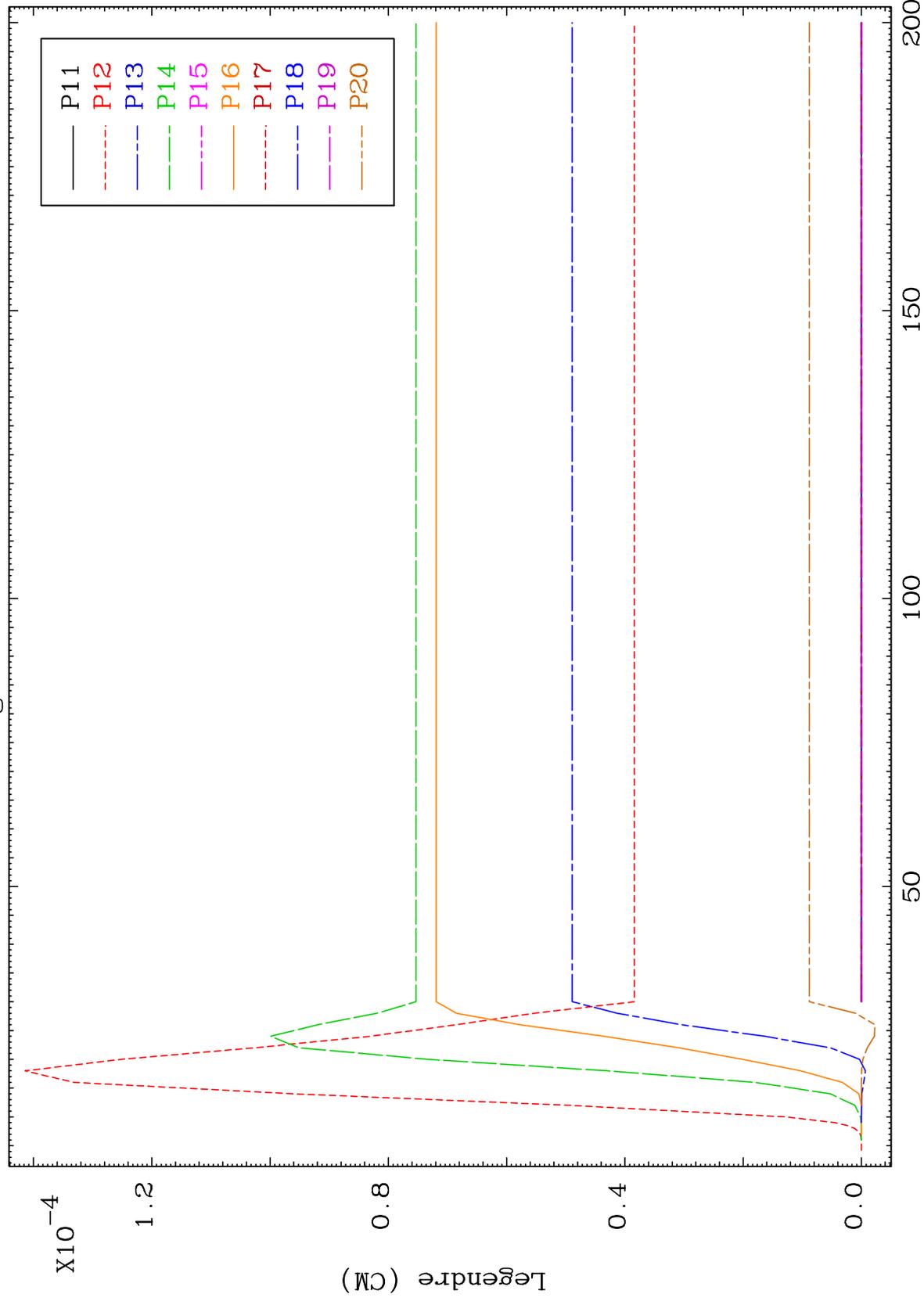
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

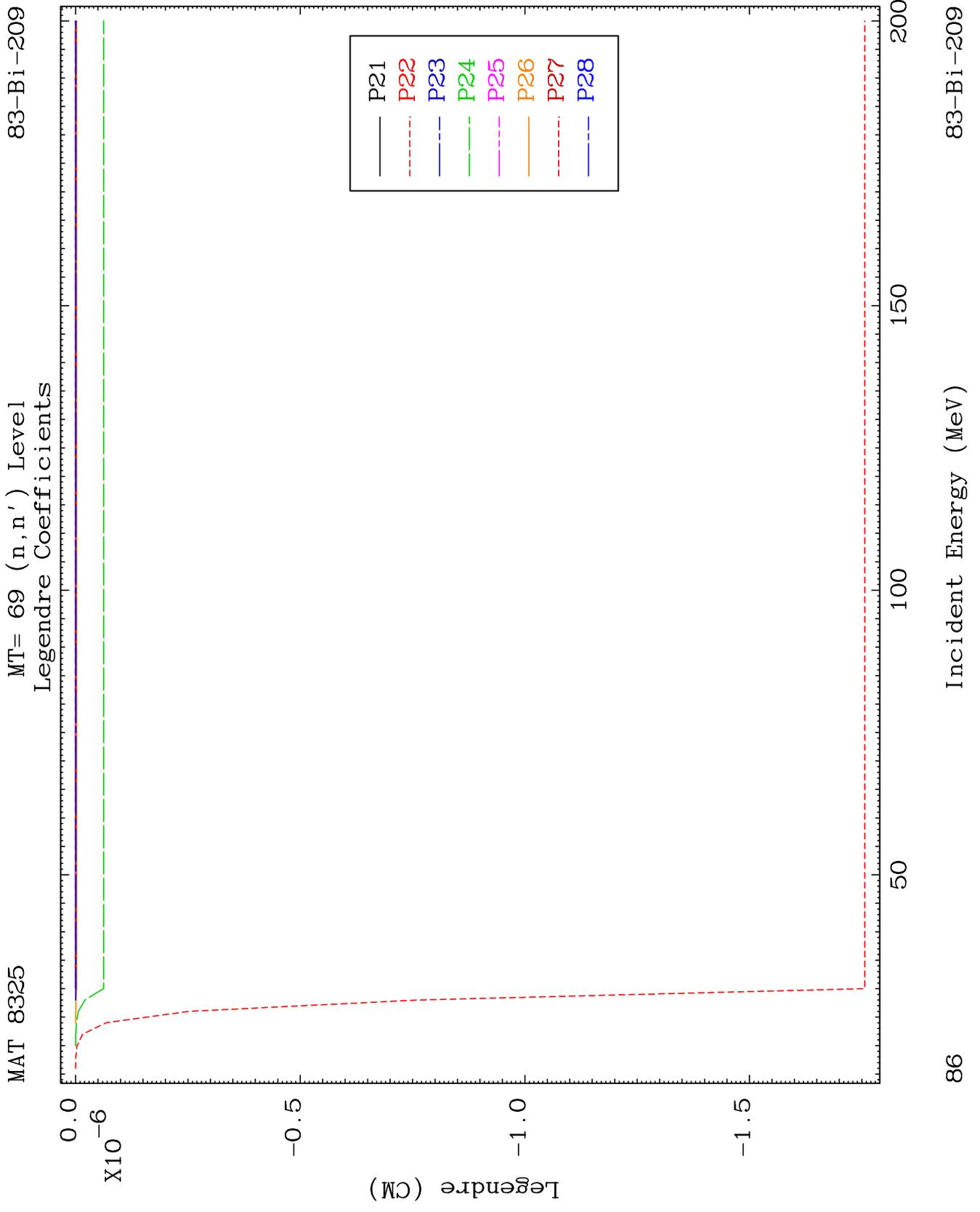
83-Bi-209



85

Incident Energy (MeV)

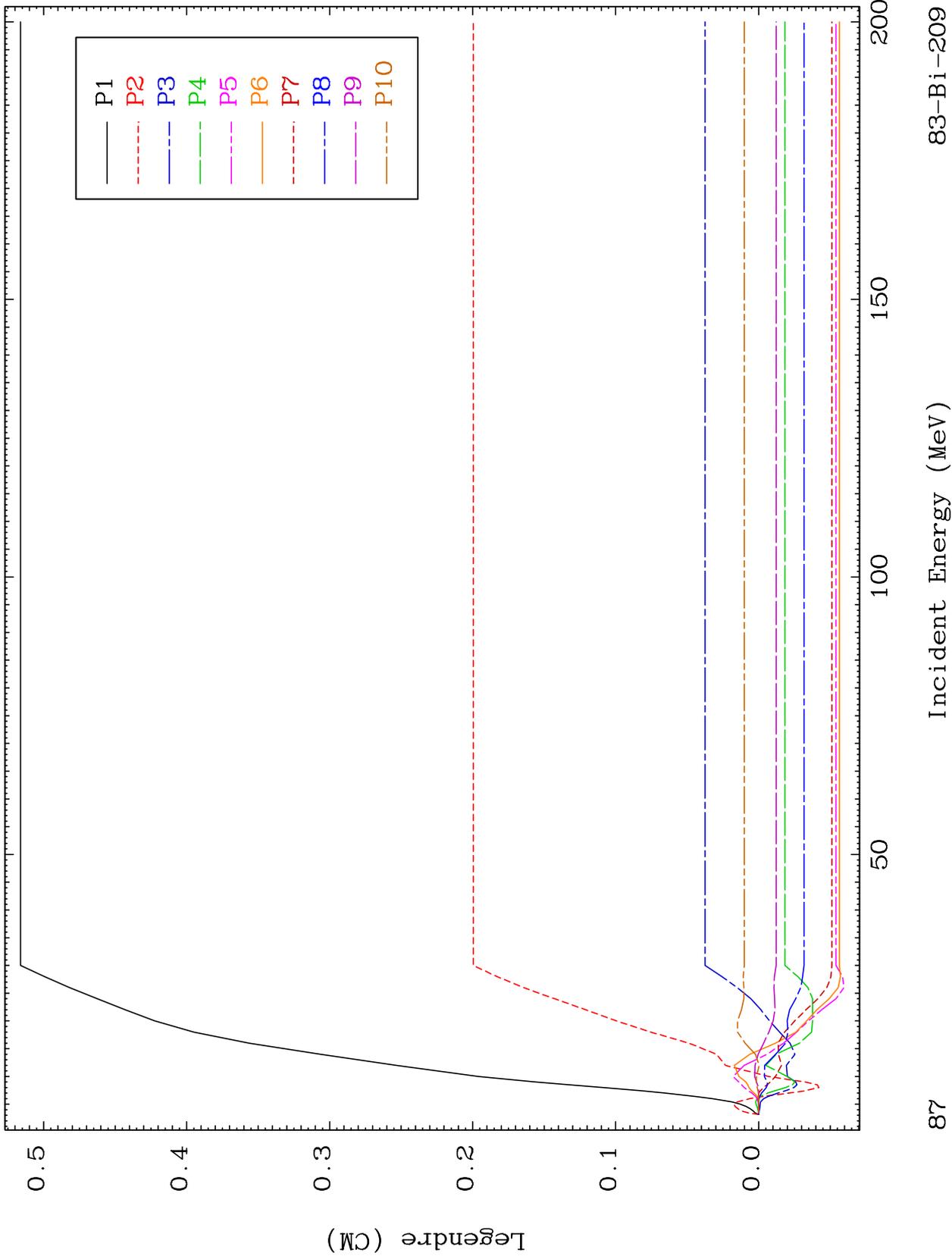
83-Bi-209



MAT 8325

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

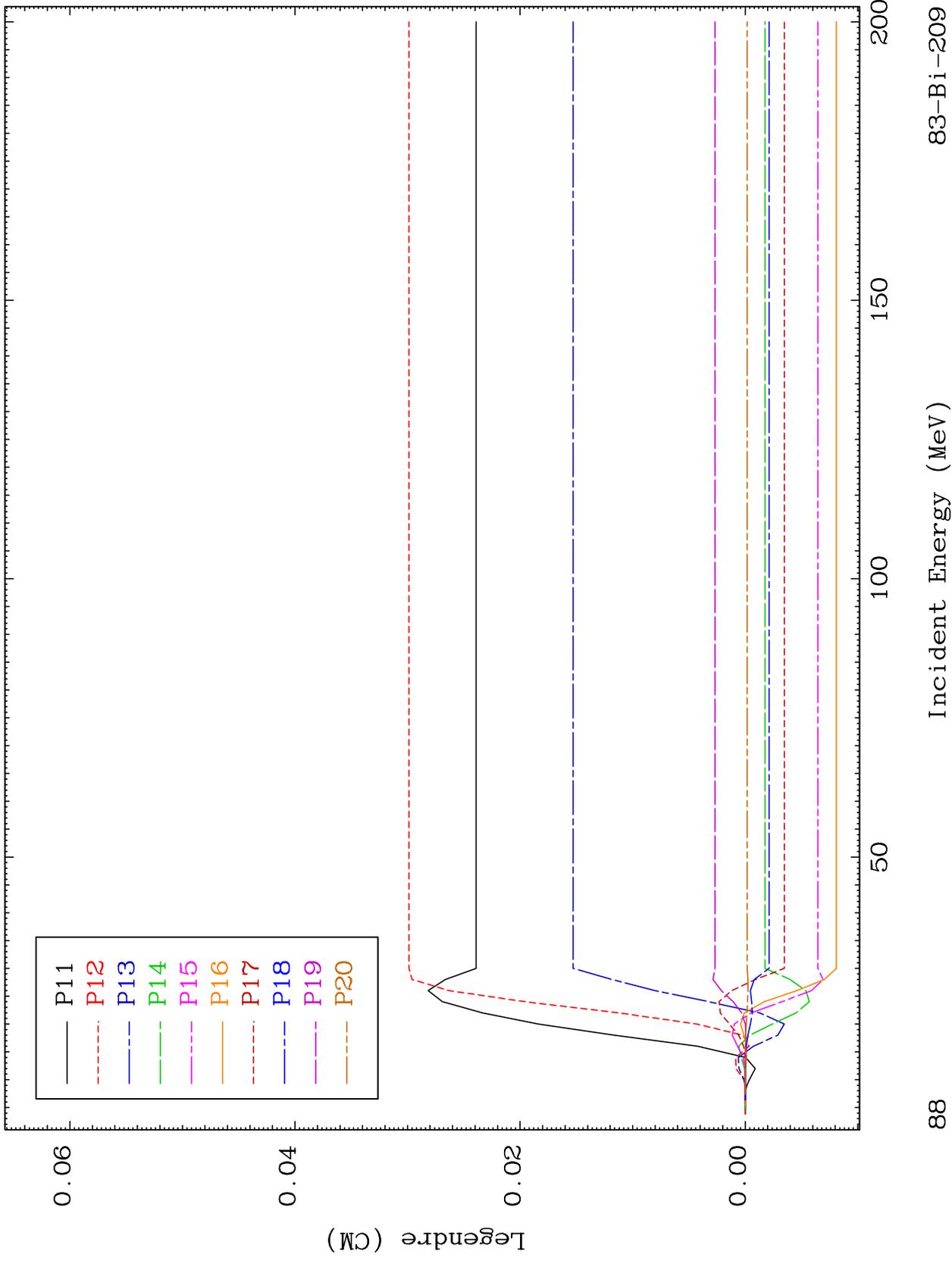
83-Bi-209



87

Incident Energy (MeV)

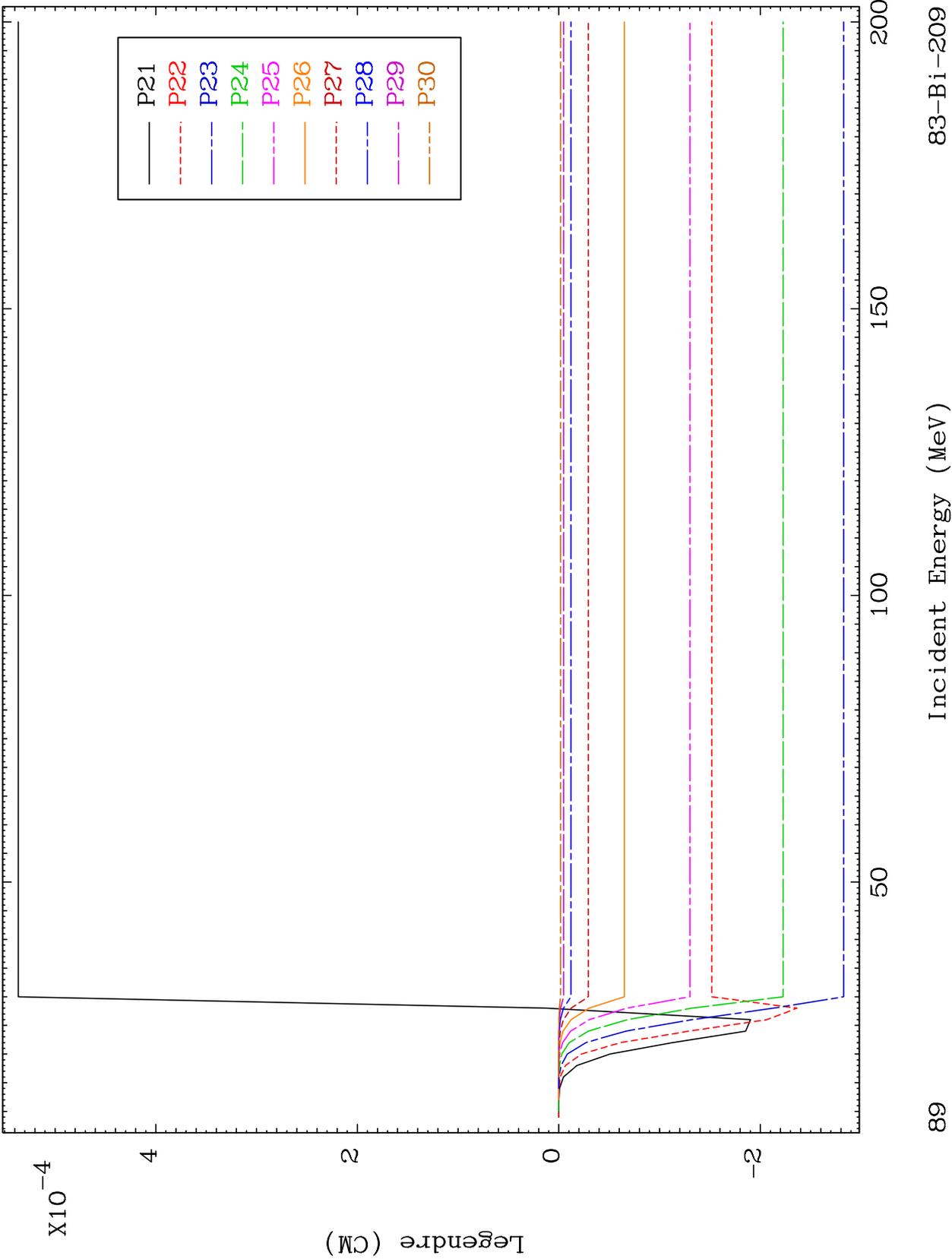
83-Bi-209



MAT 8325

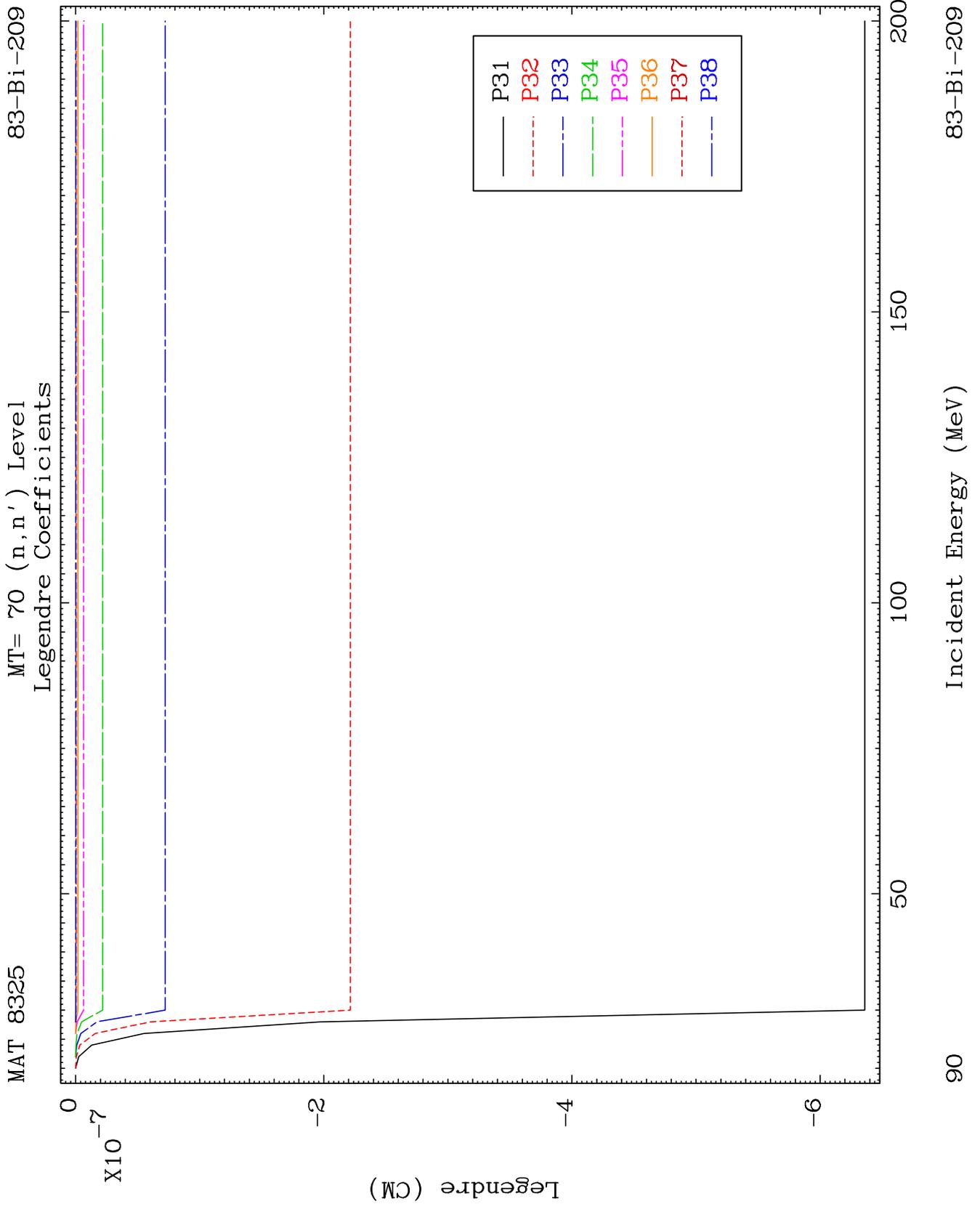
MT= 70 (n,n') Level
Legendre Coefficients

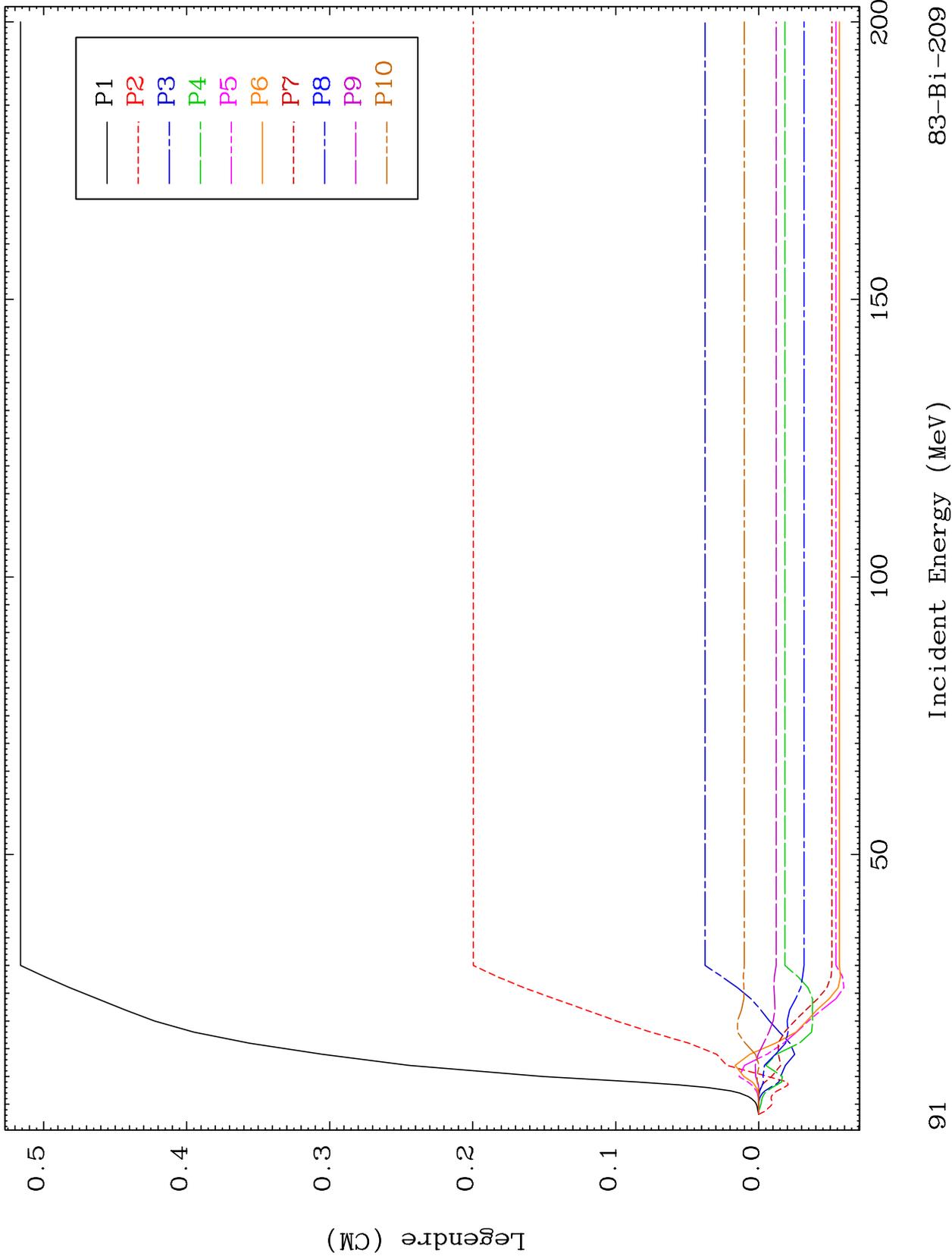
83-Bi-209



89

83-Bi-209

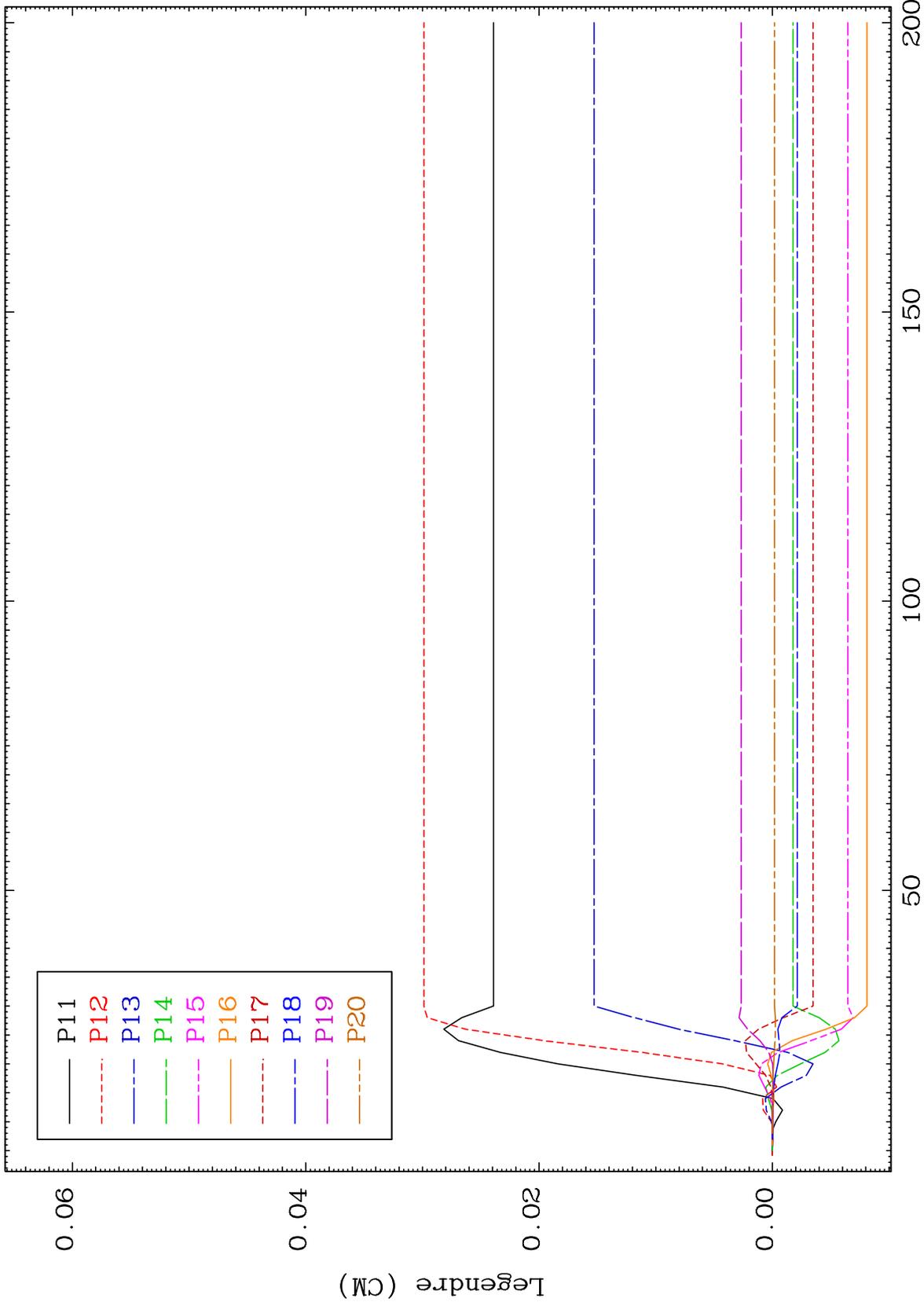




MAT 8325

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

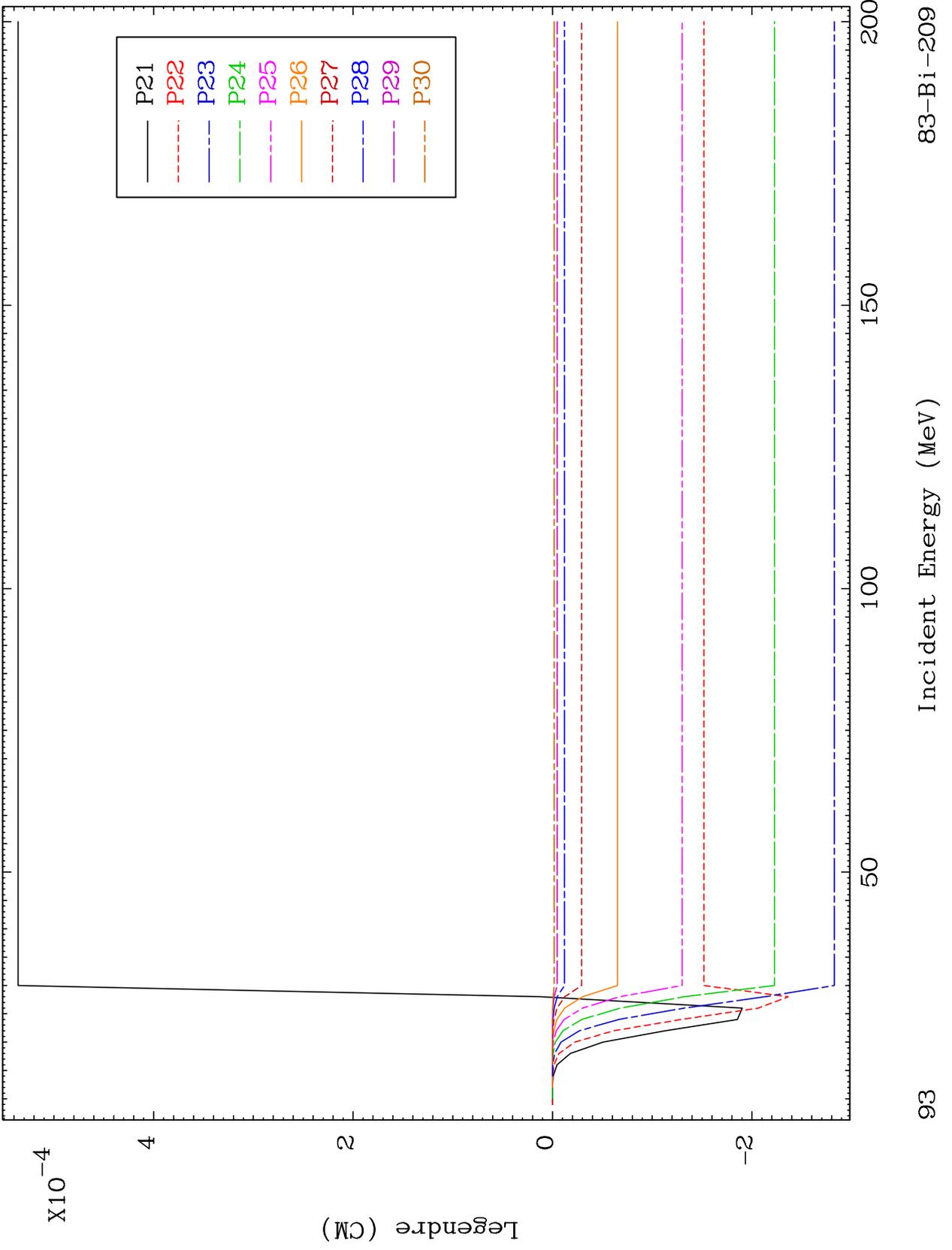
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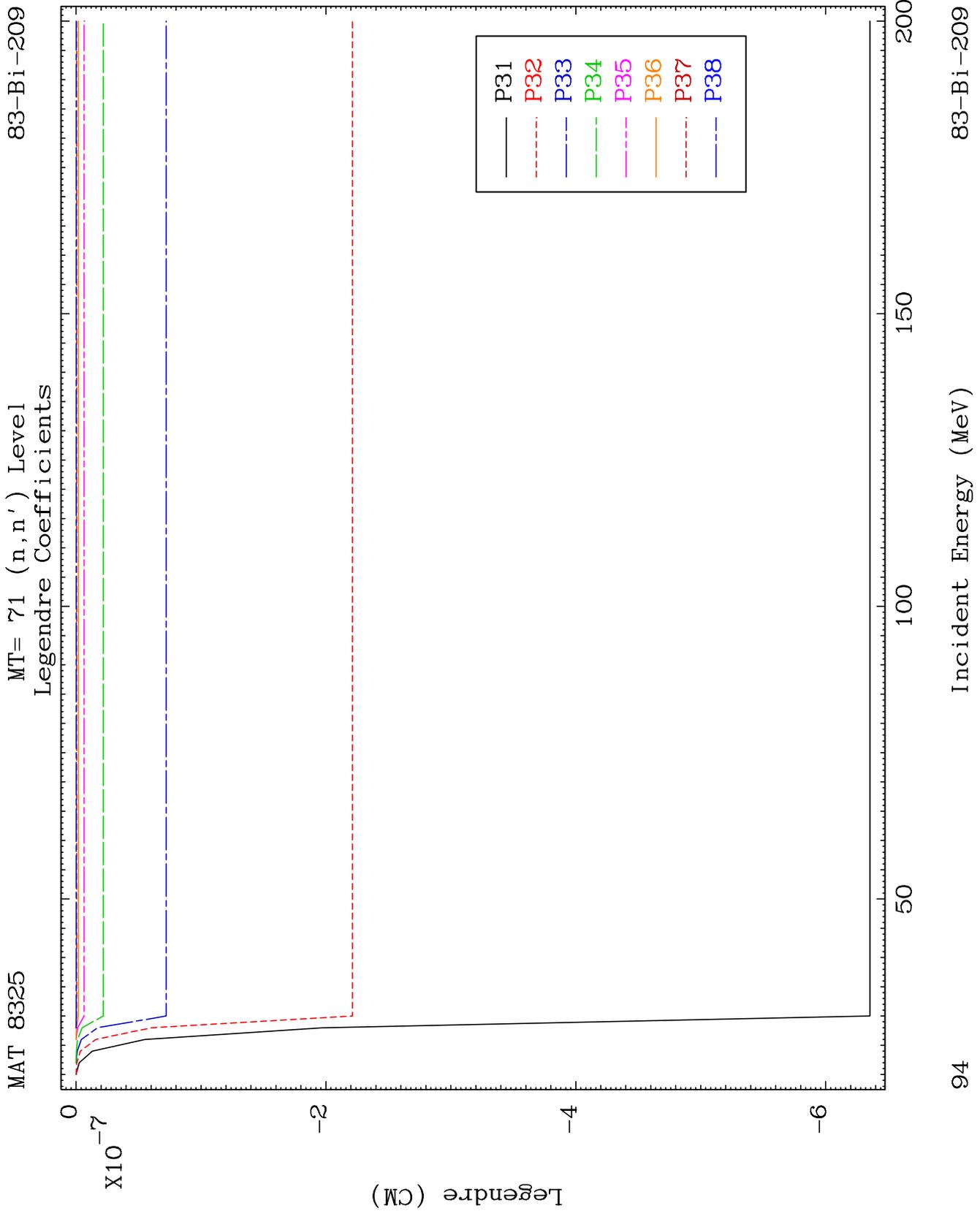


MAT 8325

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

83-Bi-209

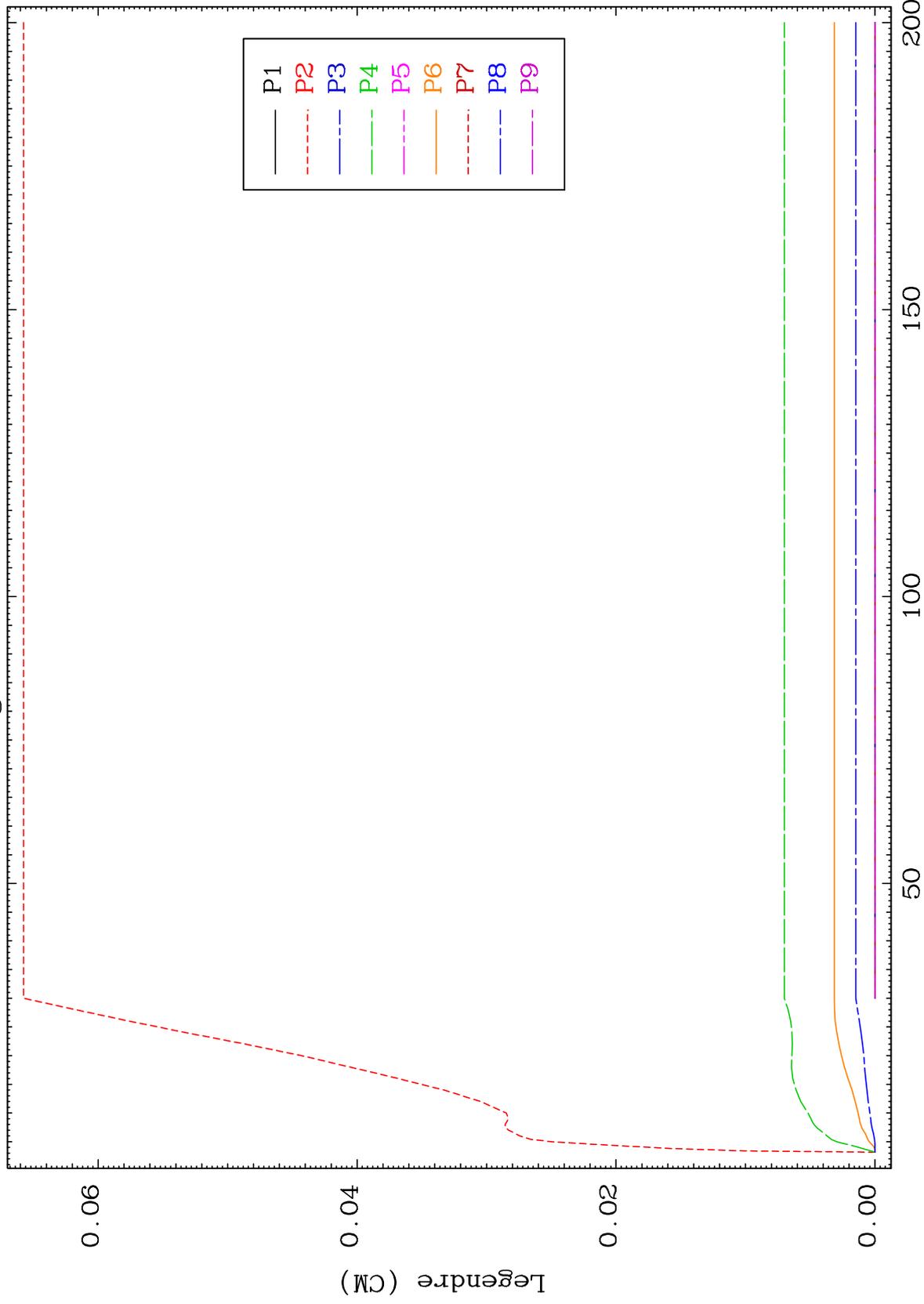




MAT 8325

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

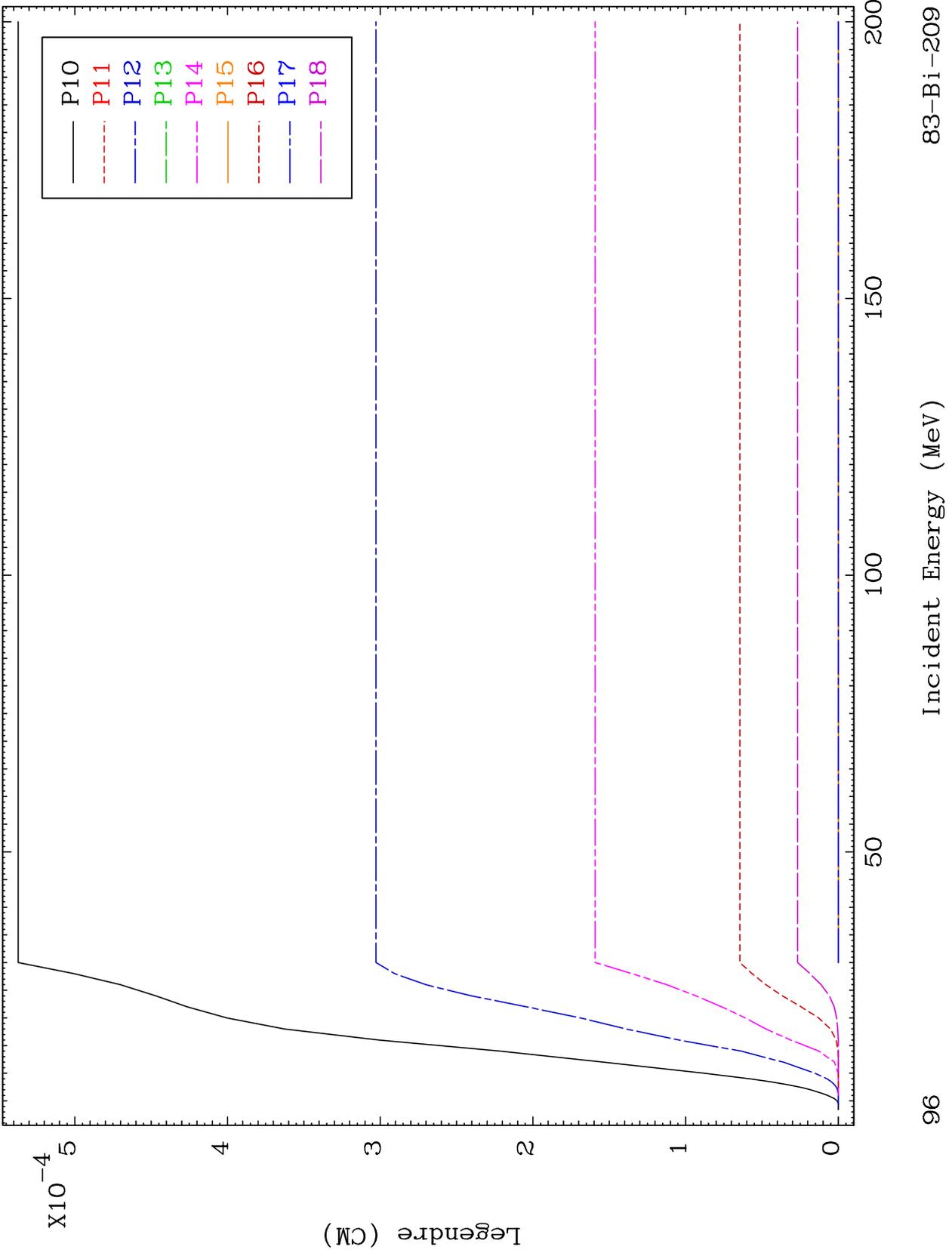
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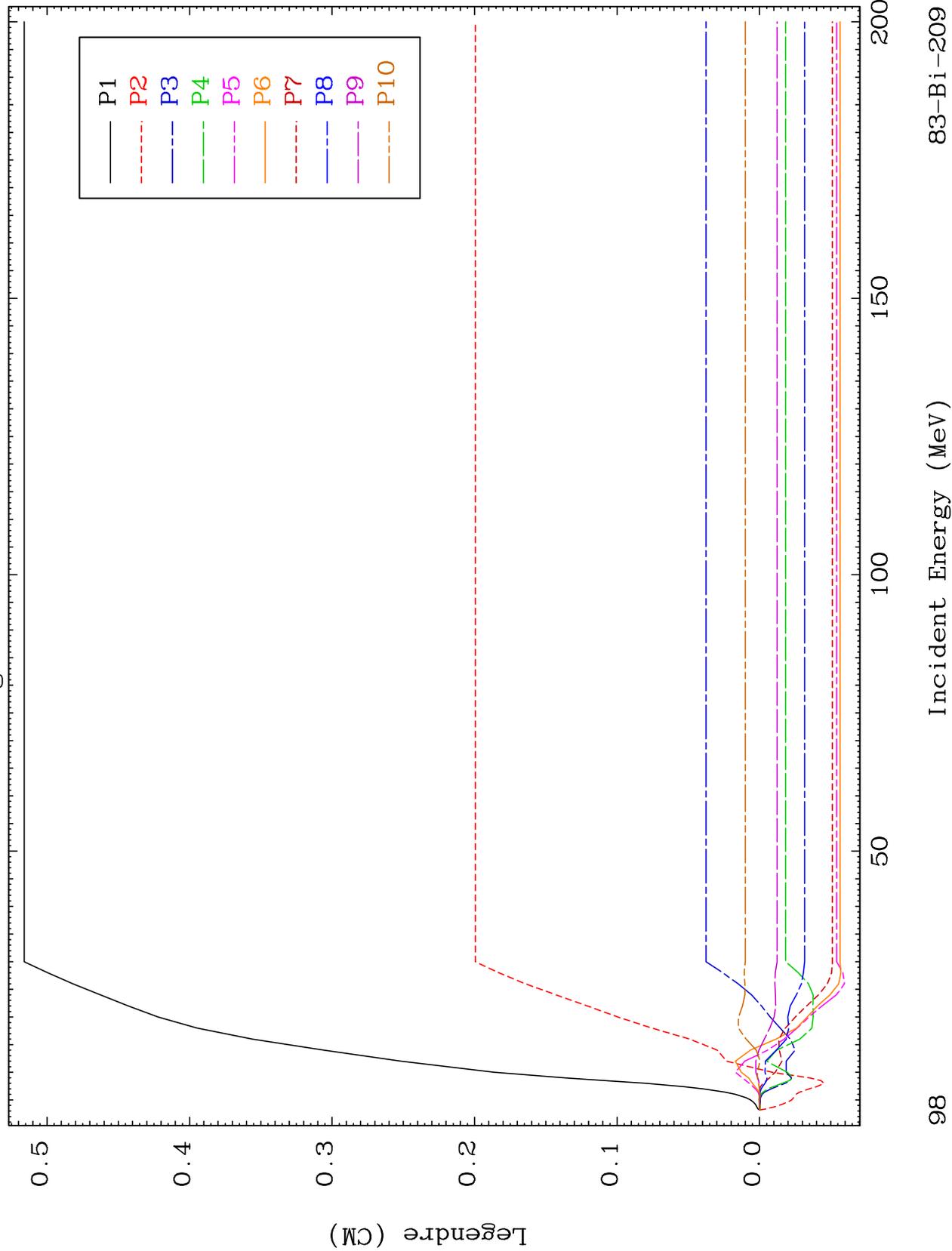


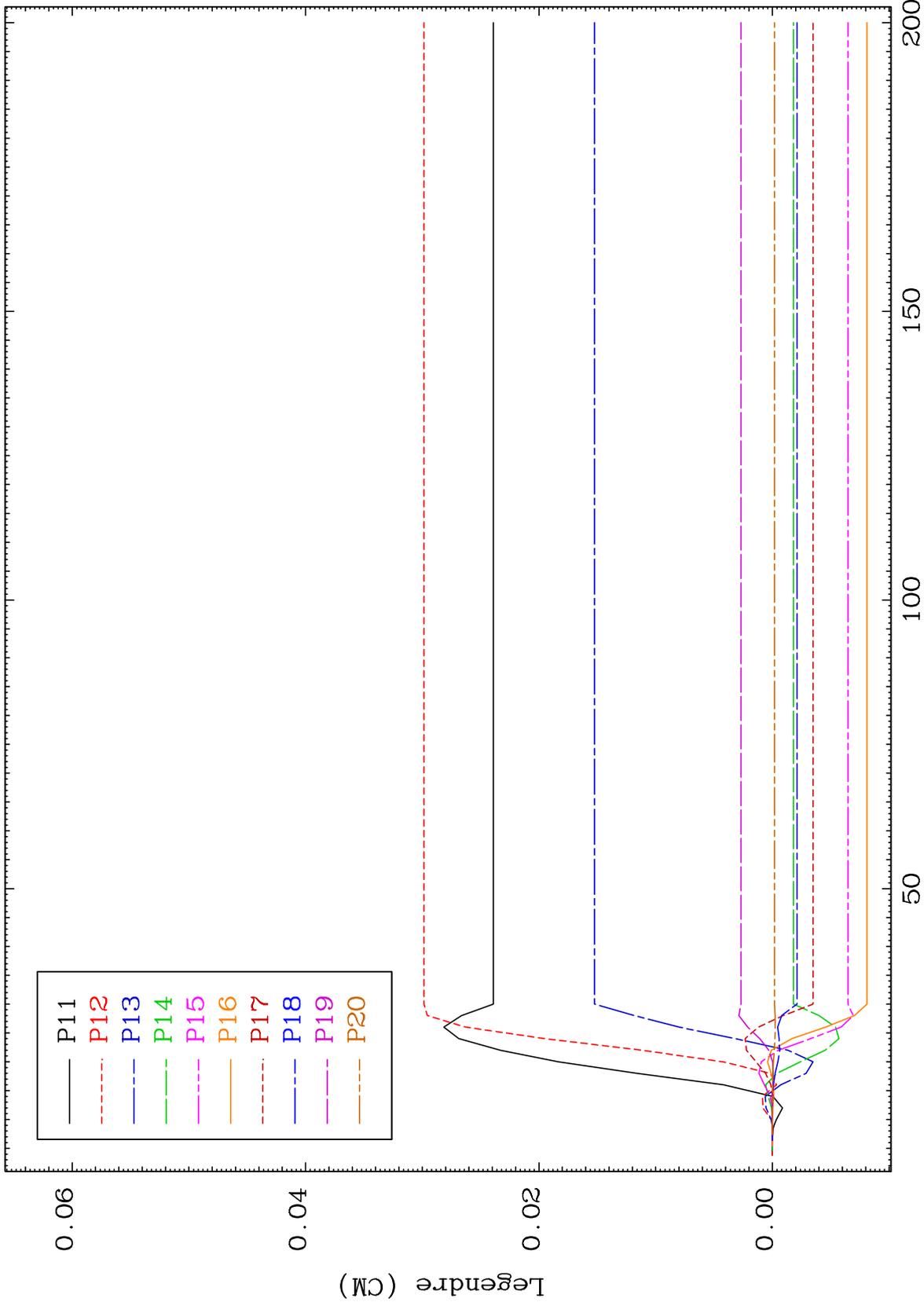
95

Incident Energy (MeV)

83-Bi-209



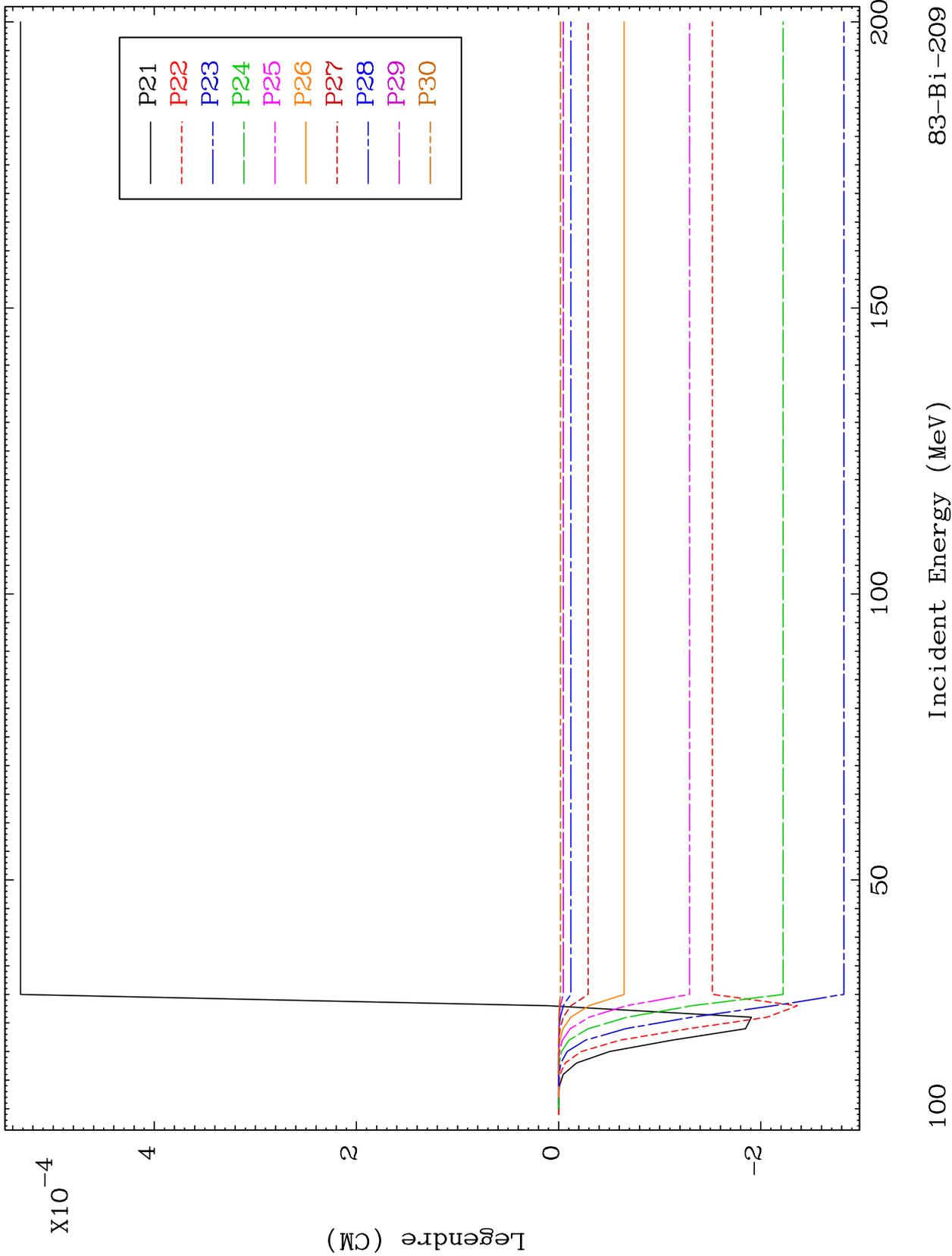




MAT 8325

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

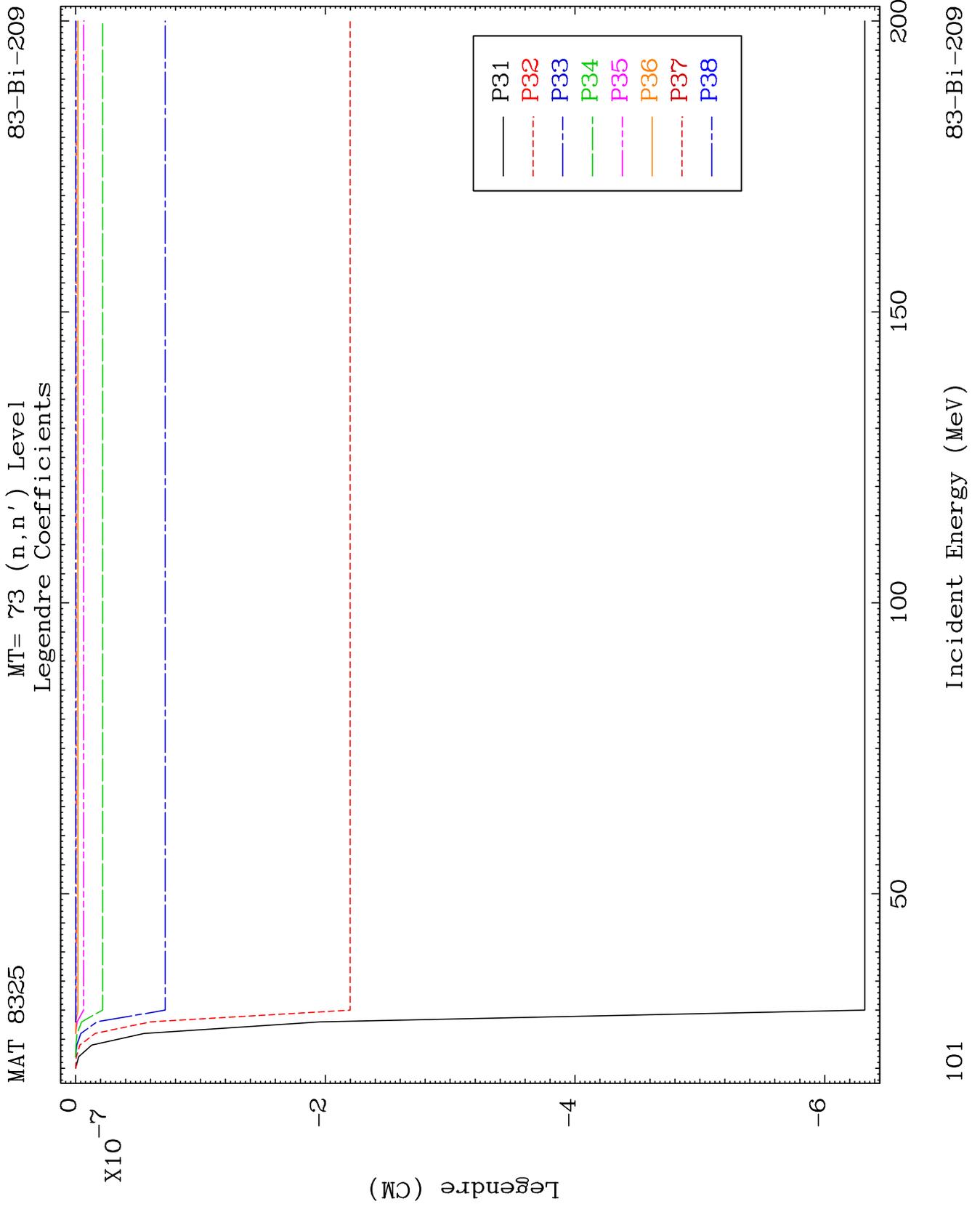
83-Bi-209



83-Bi-209

Incident Energy (MeV)

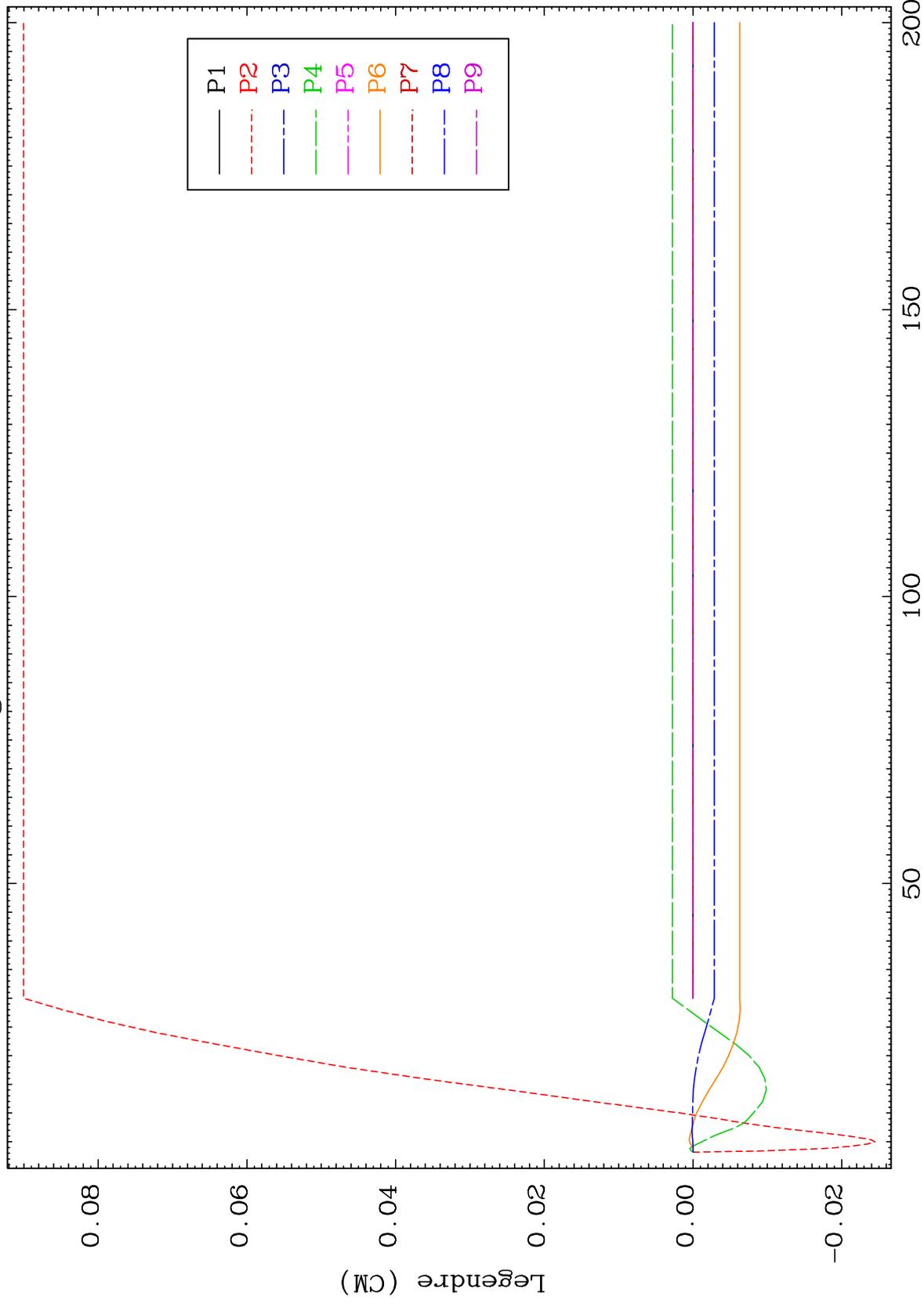
100



MAT 8325

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

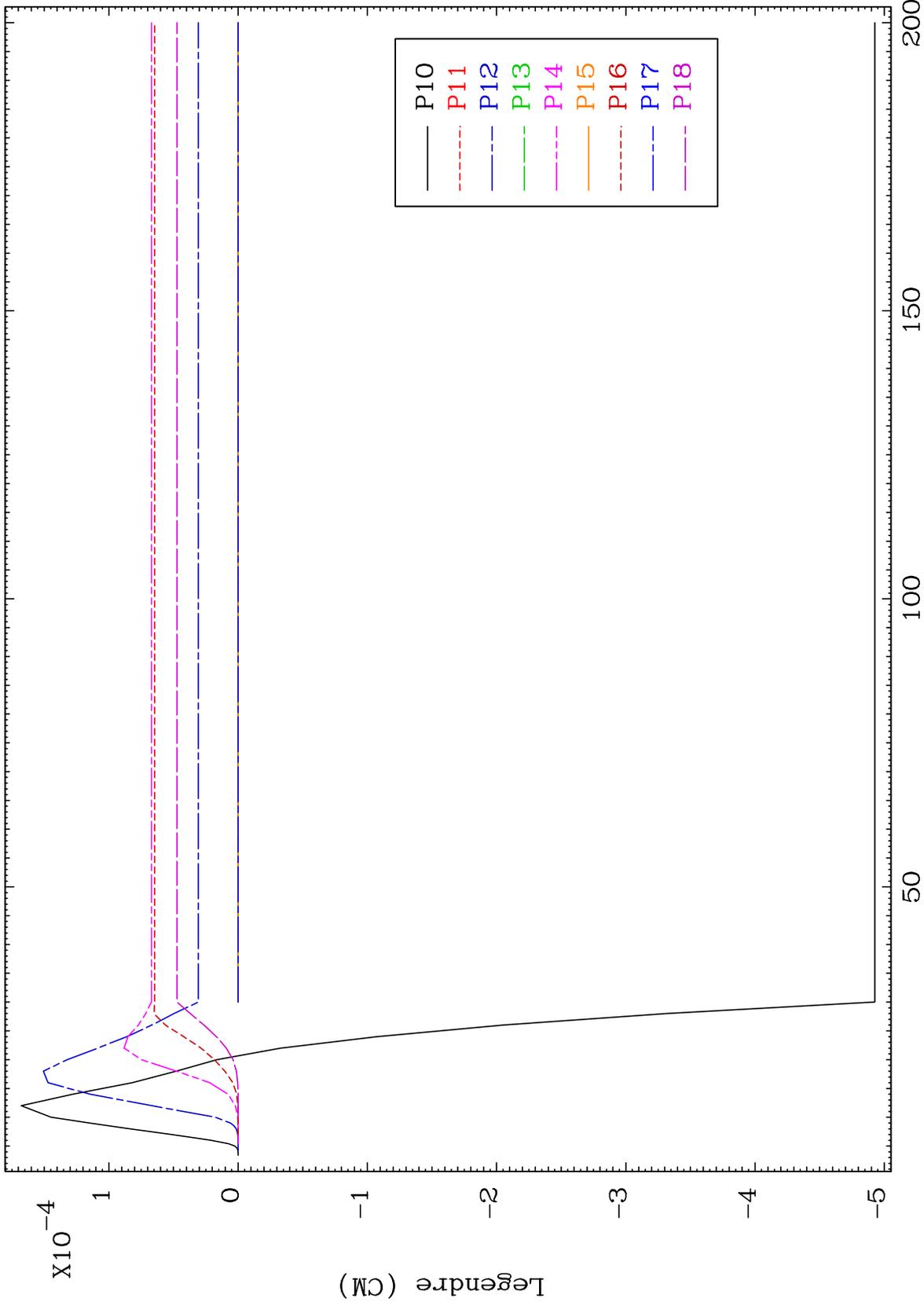
83-Bi-209



83-Bi-209

Incident Energy (MeV)

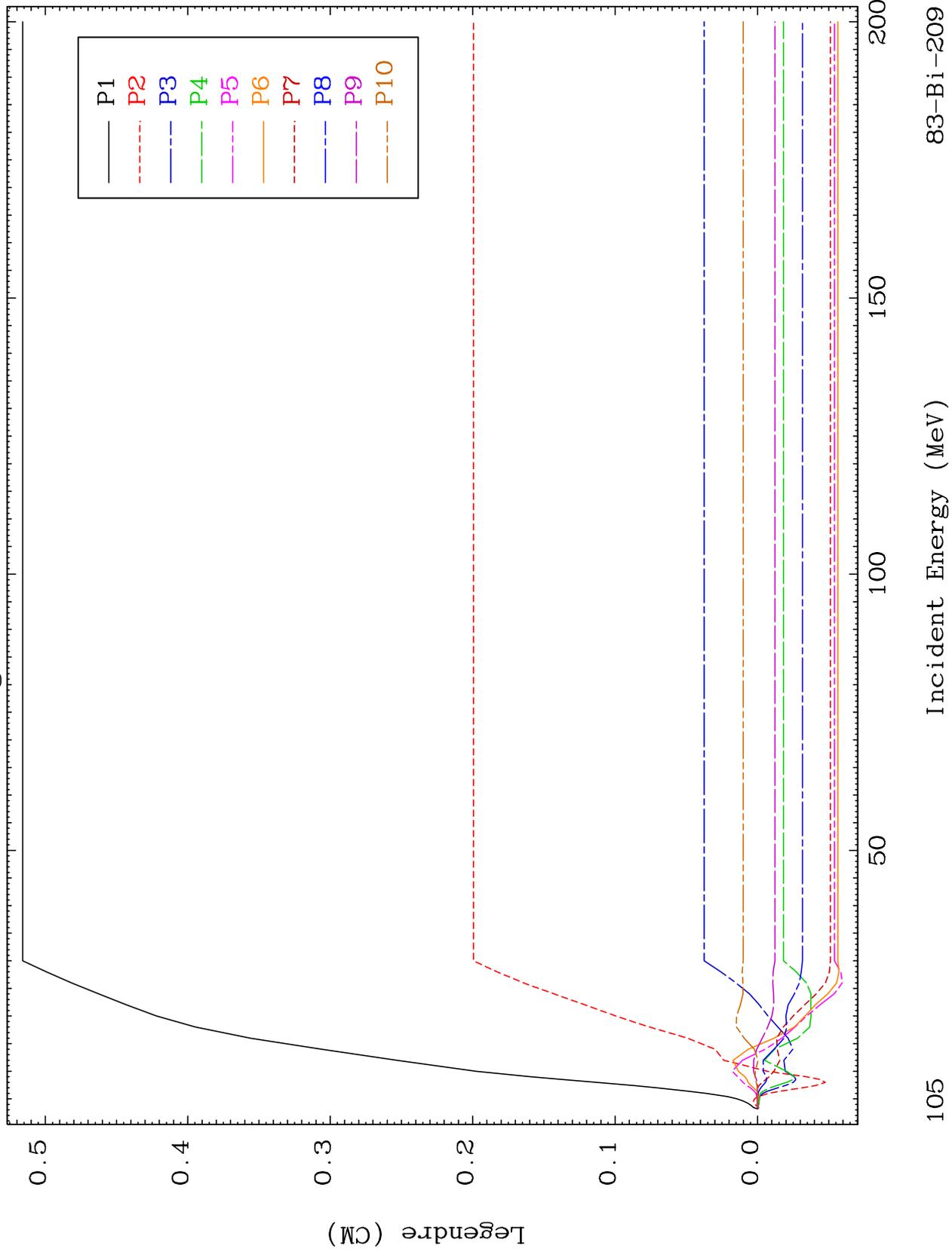
102



MAT 8325

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

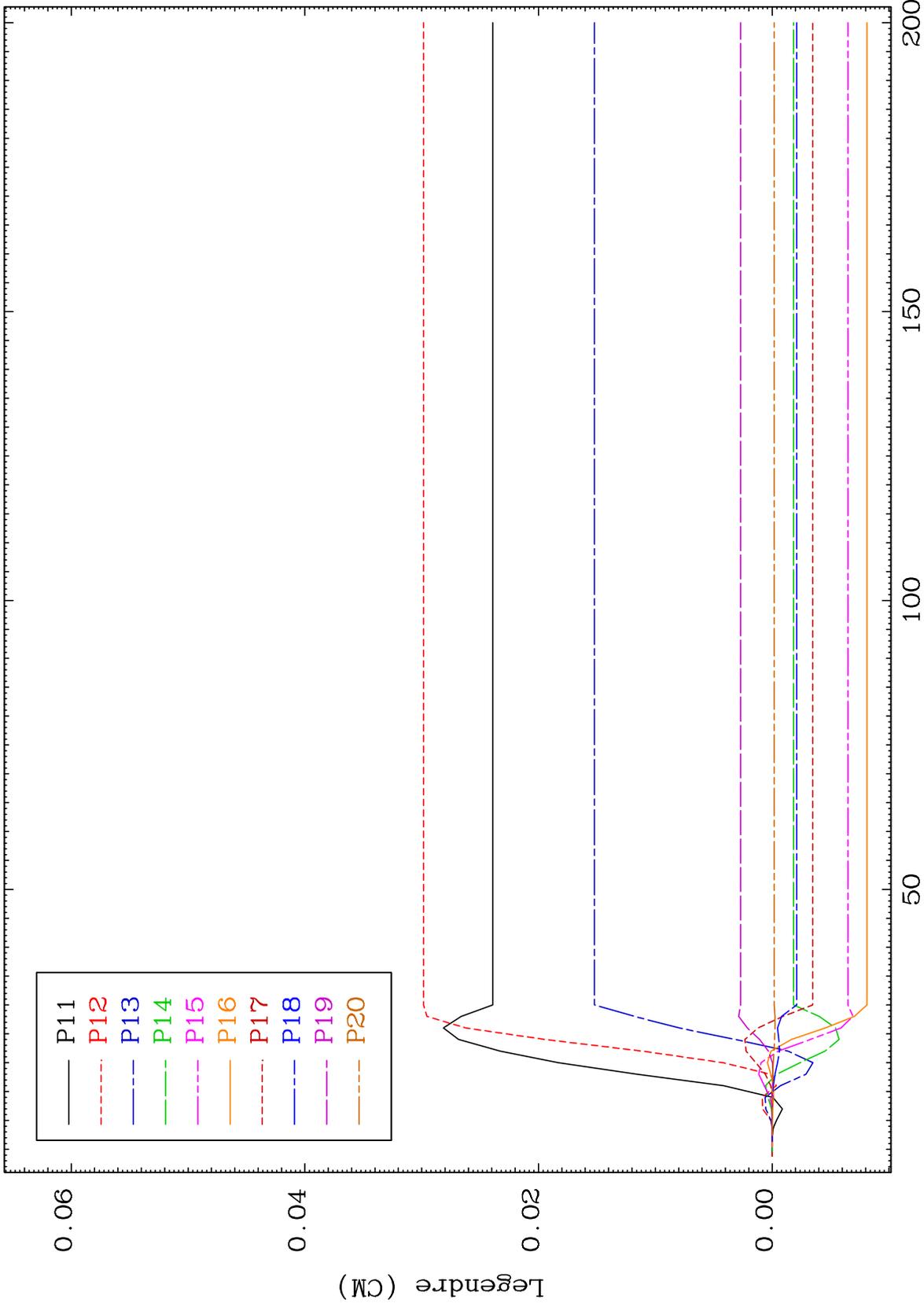
83-Bi-209



83-Bi-209

Incident Energy (MeV)

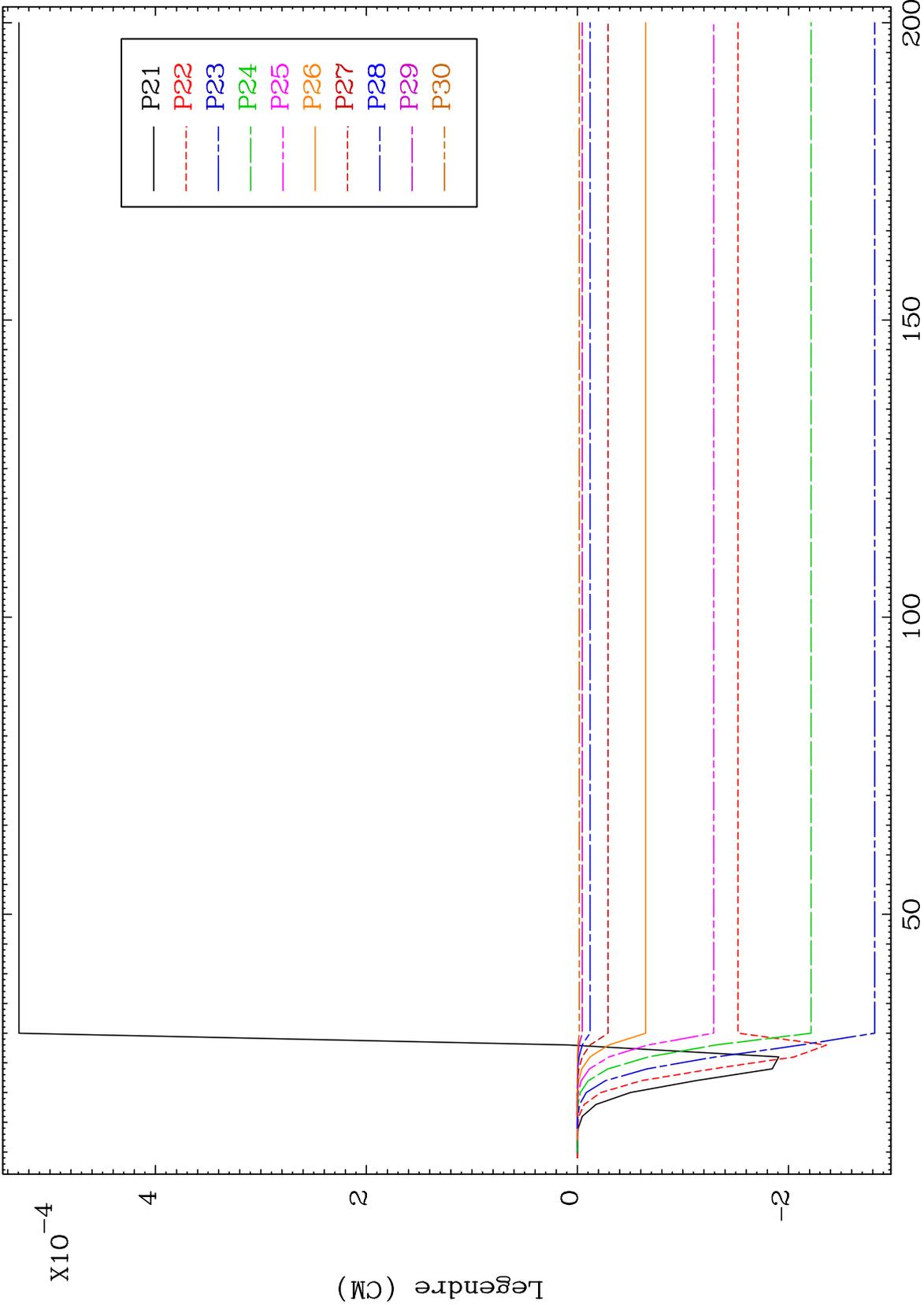
105



MAT 8325

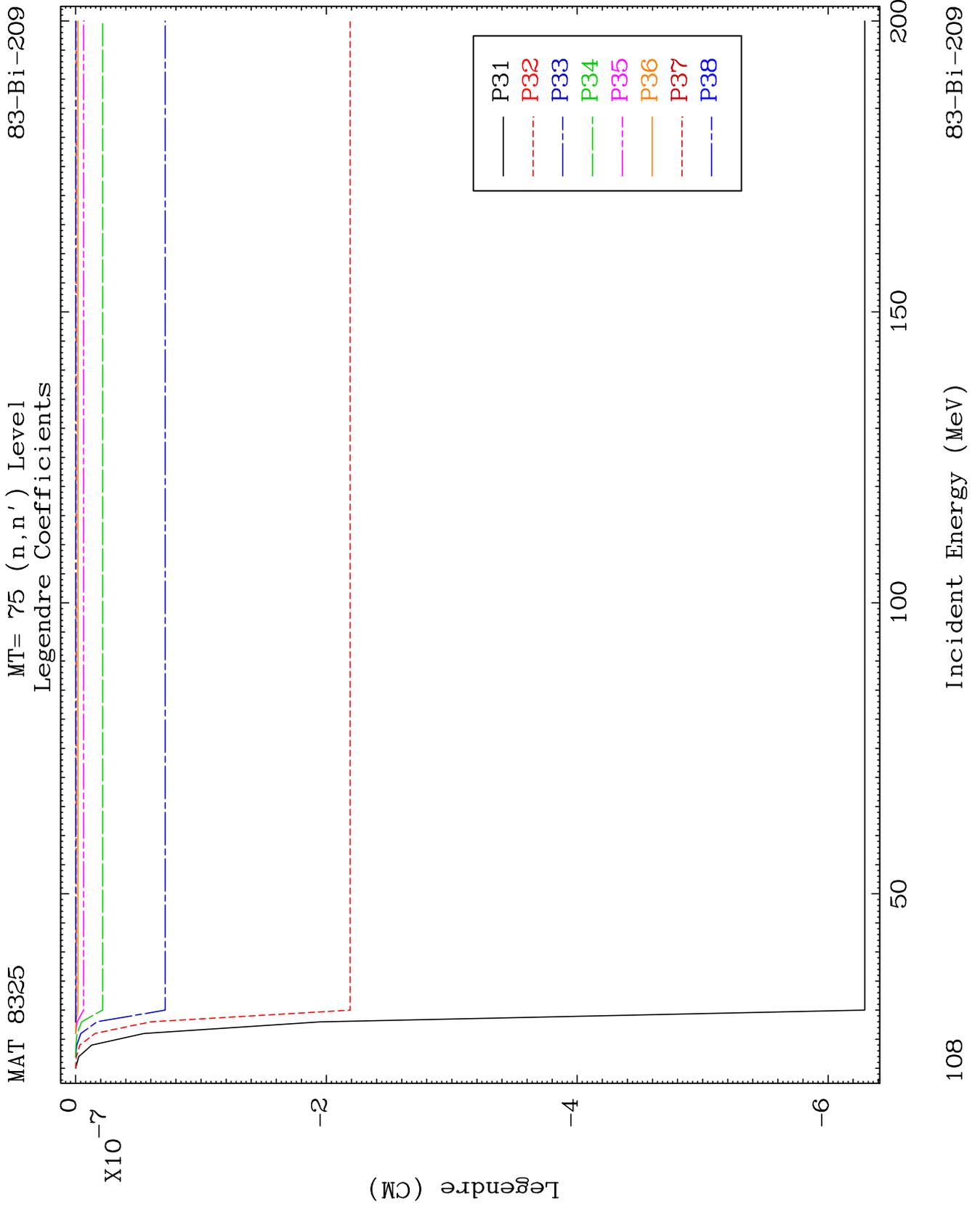
MT= 75 (n,n') Level
Legendre Coefficients

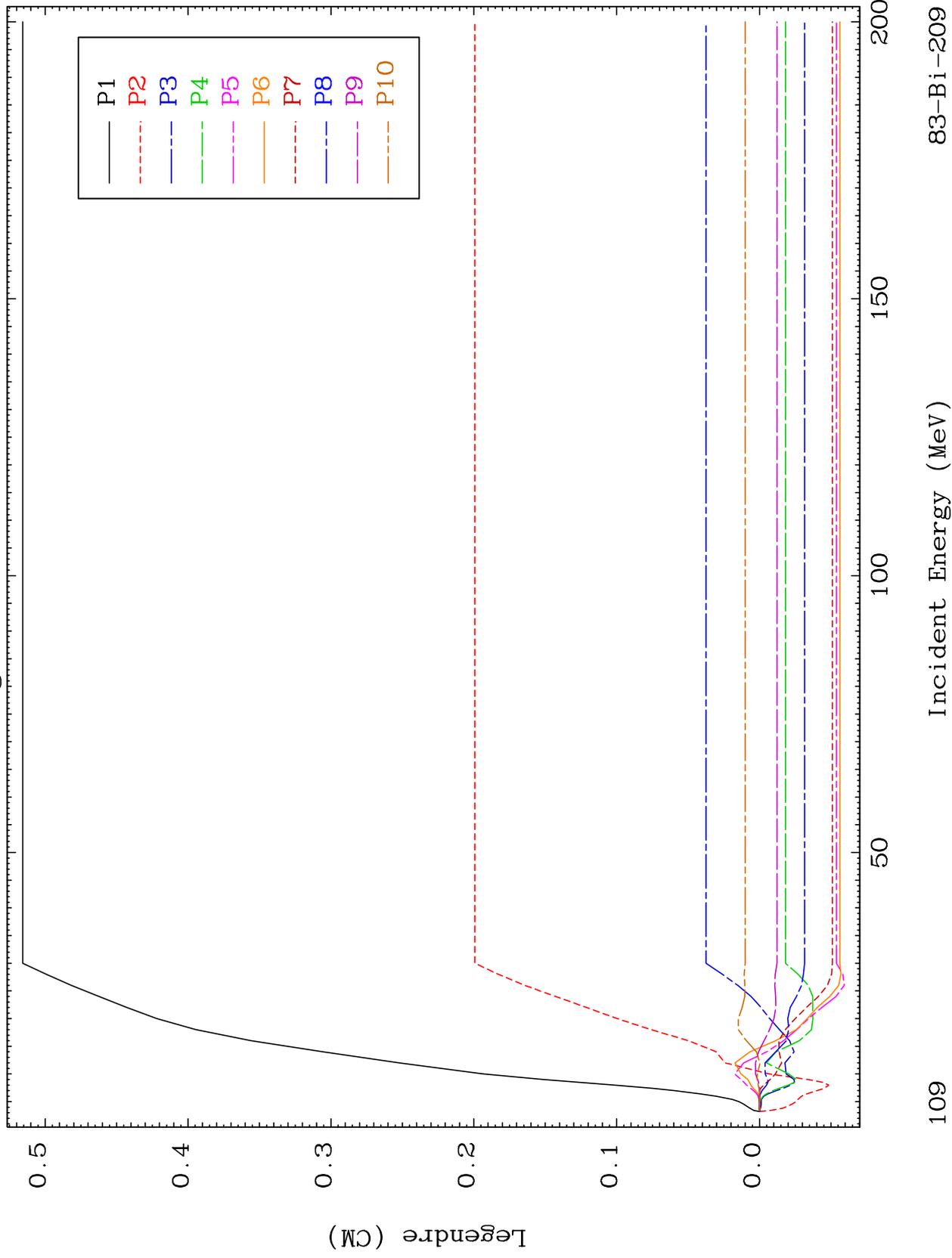
83-Bi-209



107

83-Bi-209

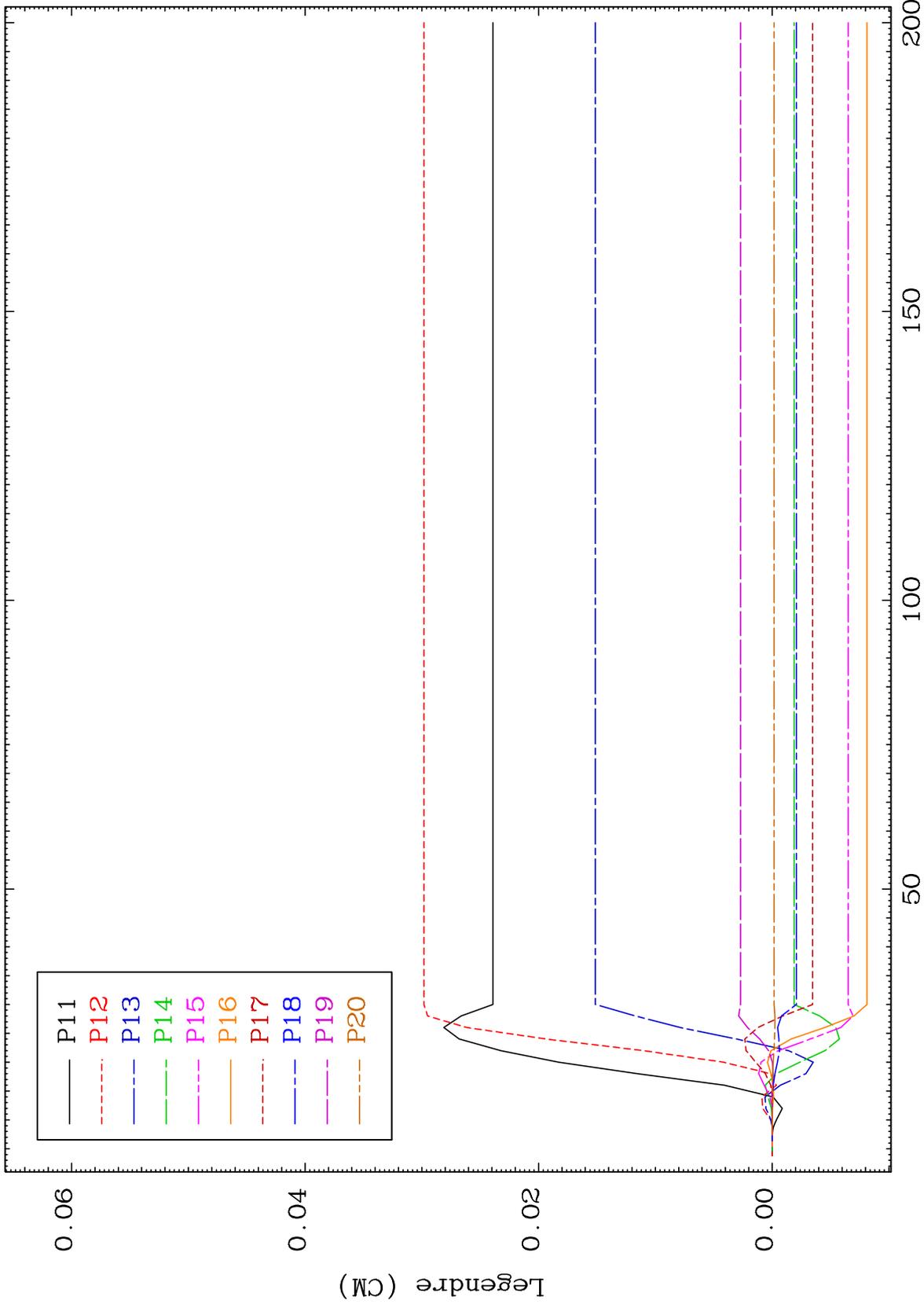




MAT 8325

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

83-Bi-209



110

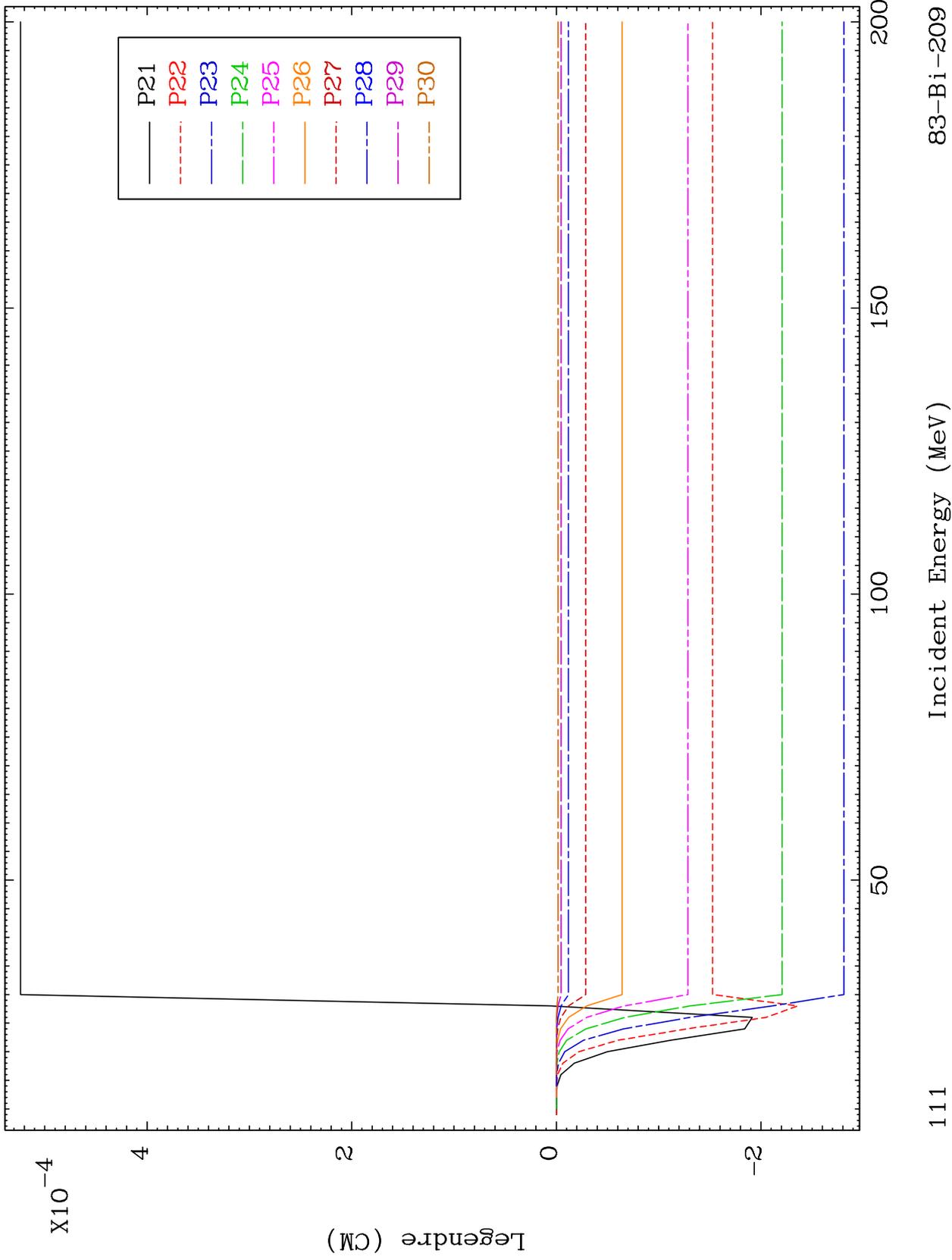
Incident Energy (MeV)

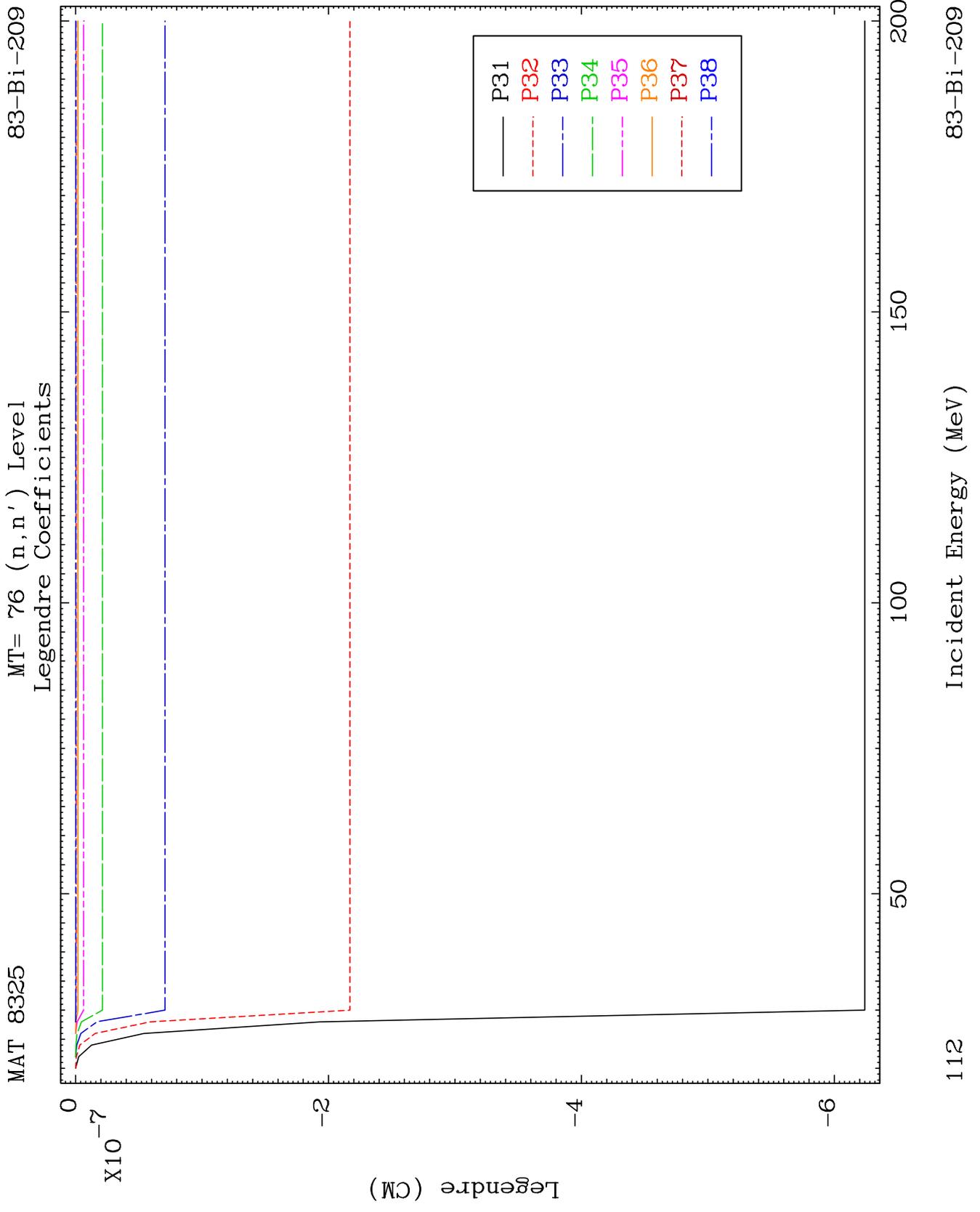
83-Bi-209

MAT 8325

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

83-Bi-209

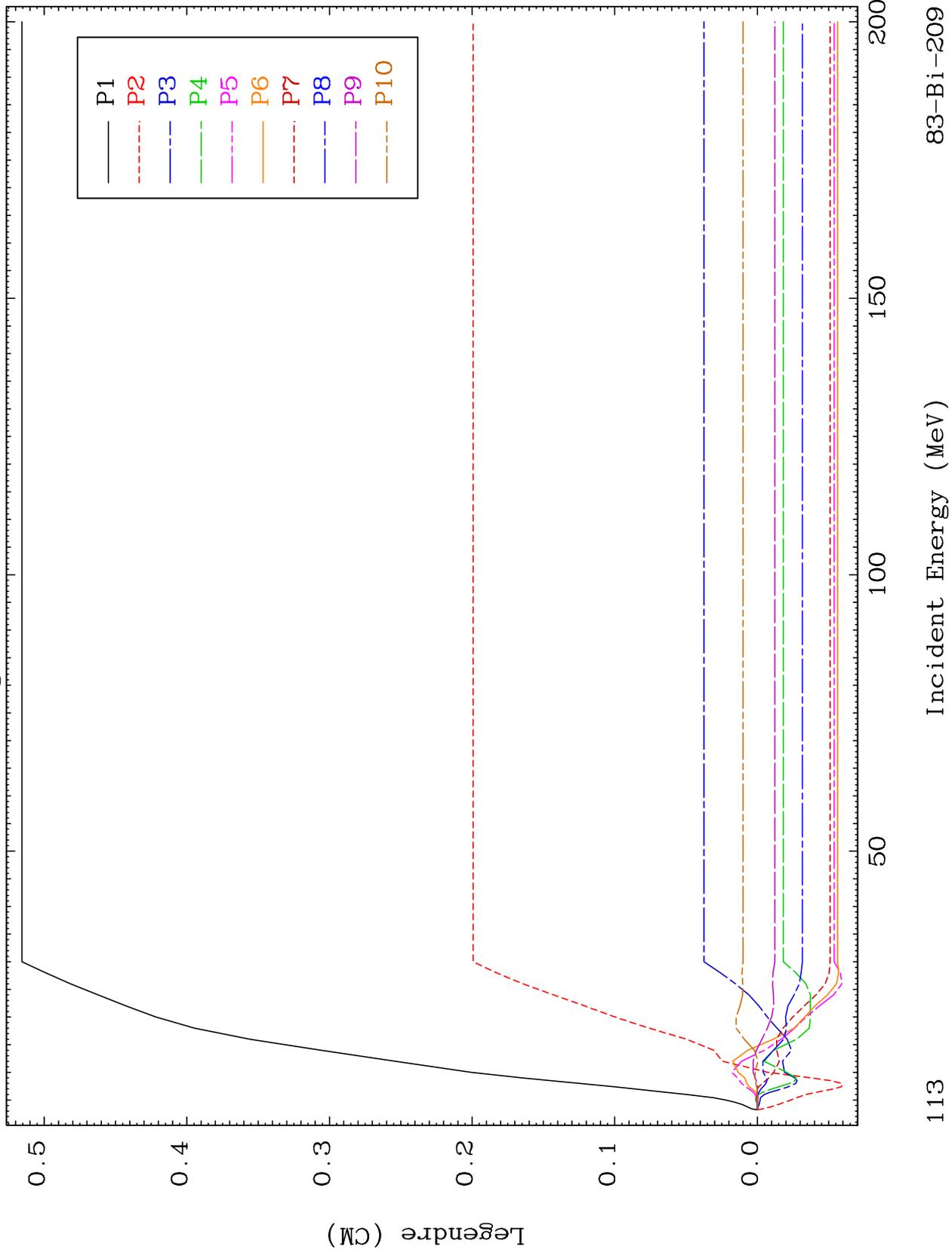




MAT 8325

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

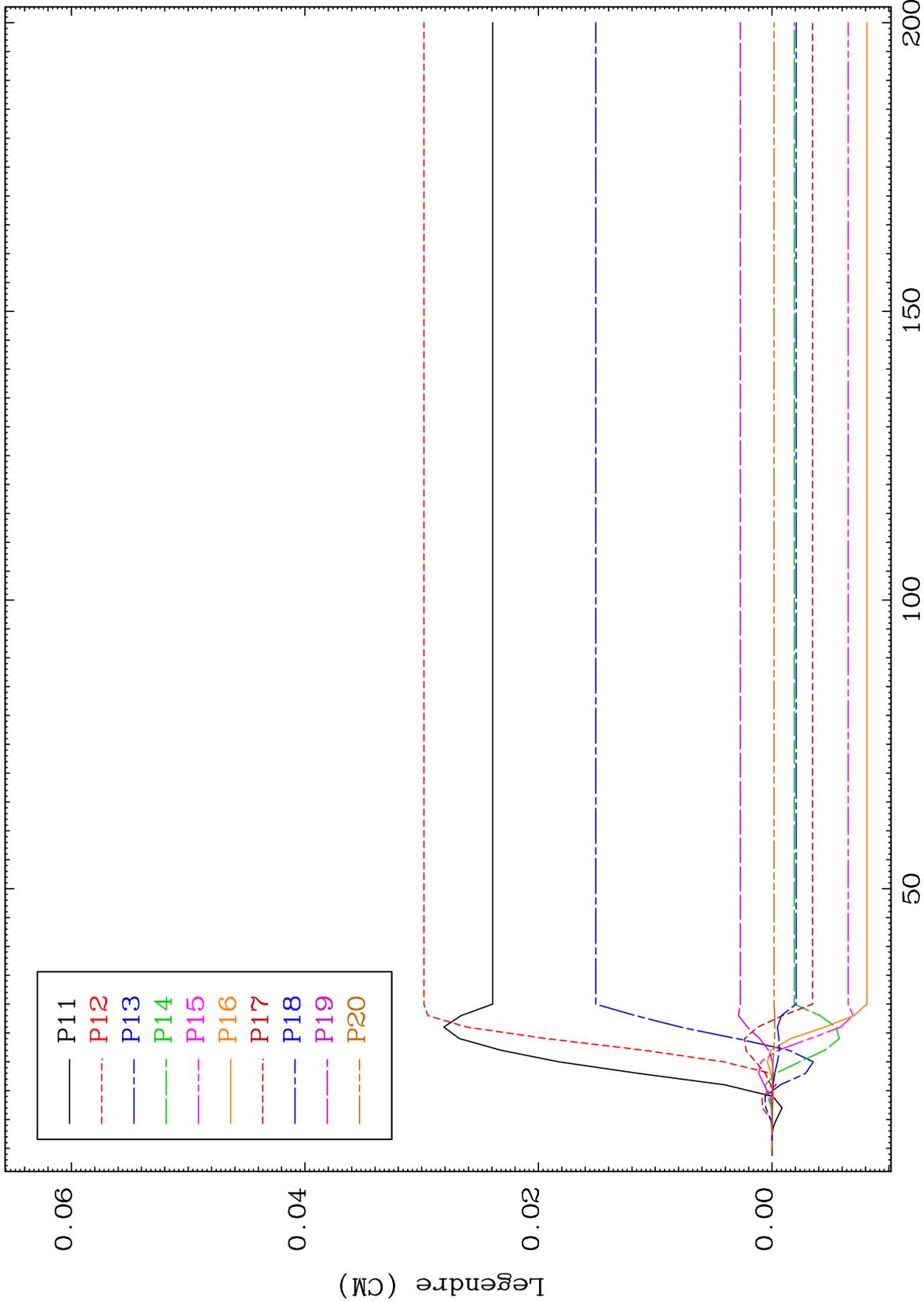
83-Bi-209



113

Incident Energy (MeV)

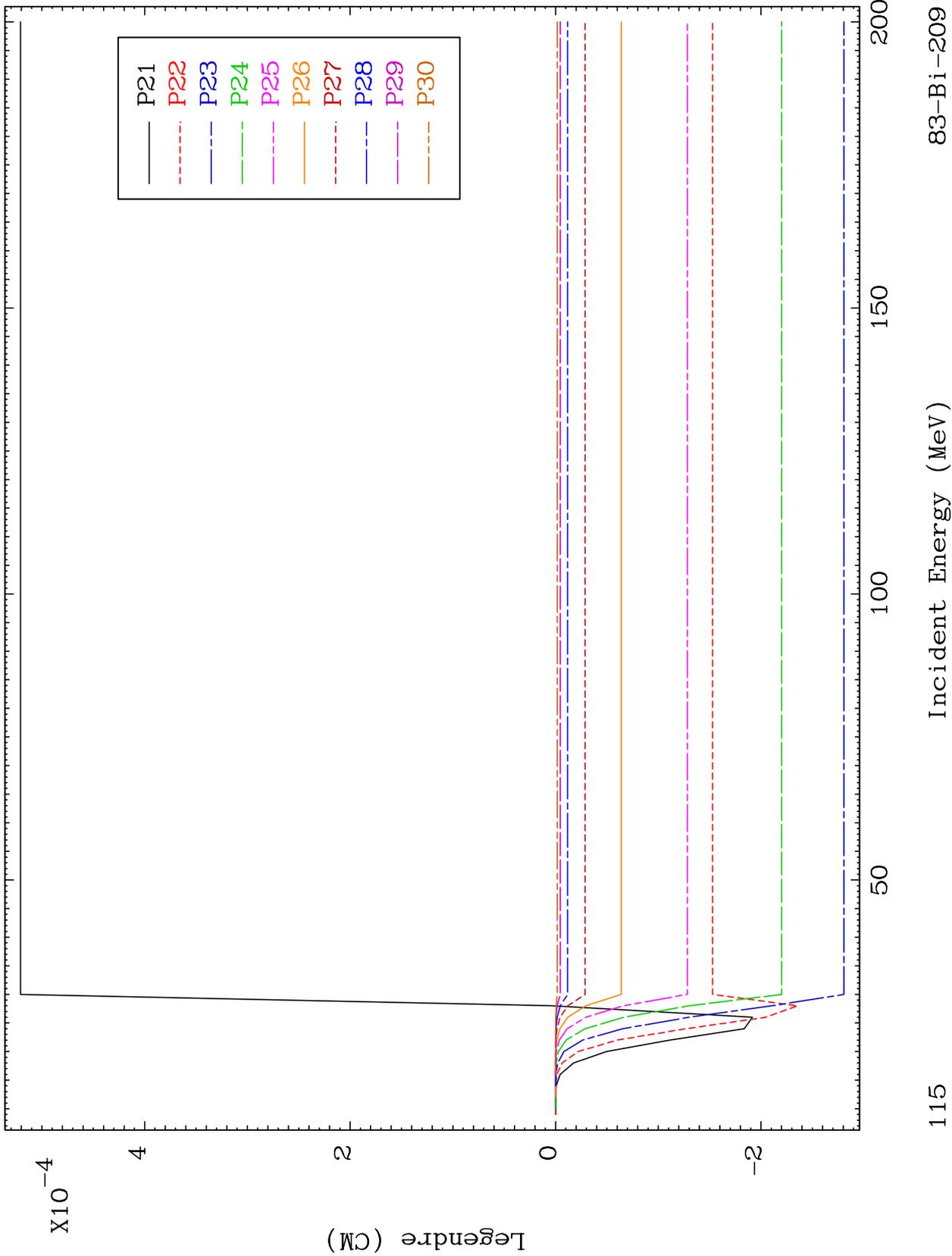
83-Bi-209



MAT 8325

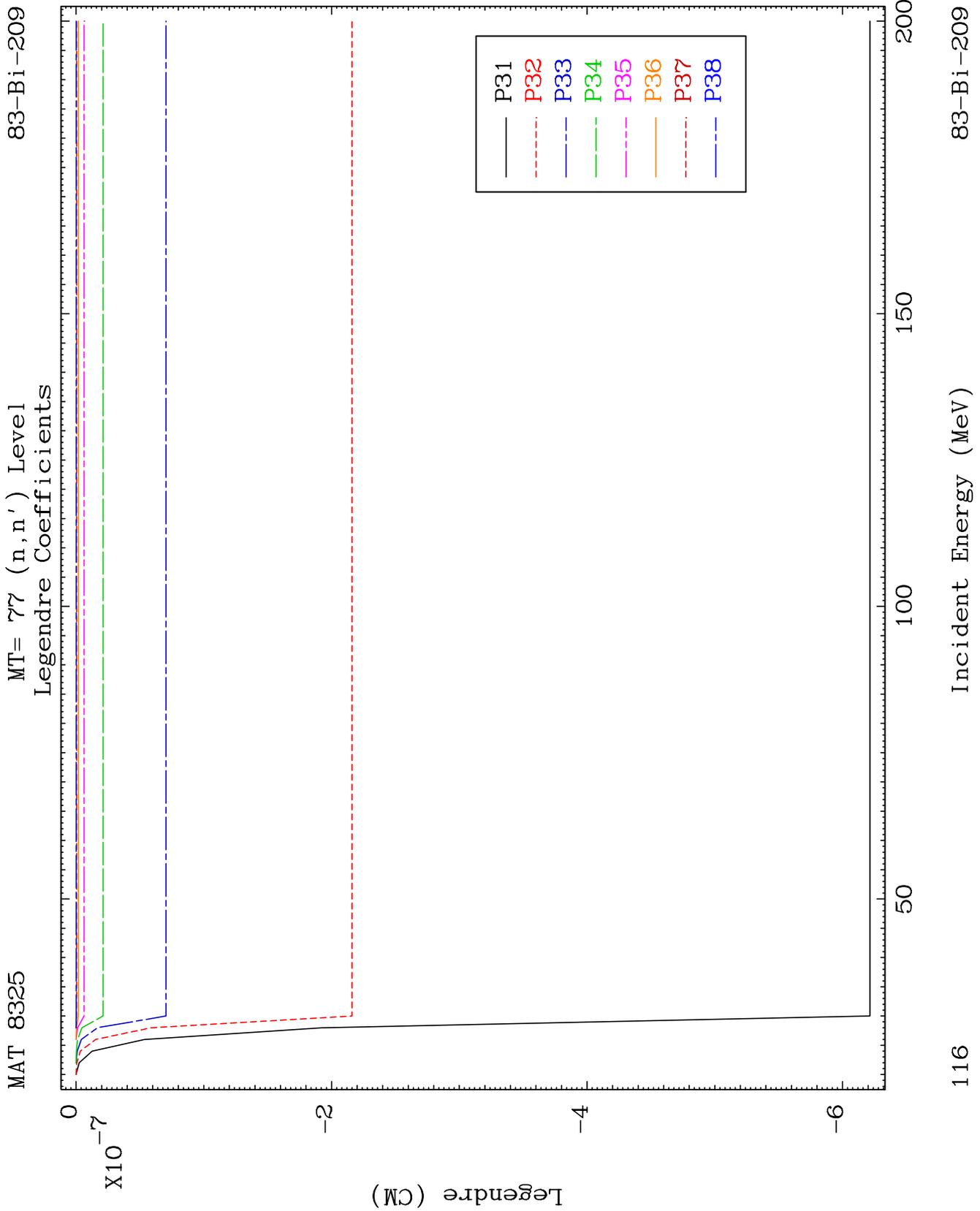
MT= 77 (n,n') Level
Legendre Coefficients

83-Bi-209



115

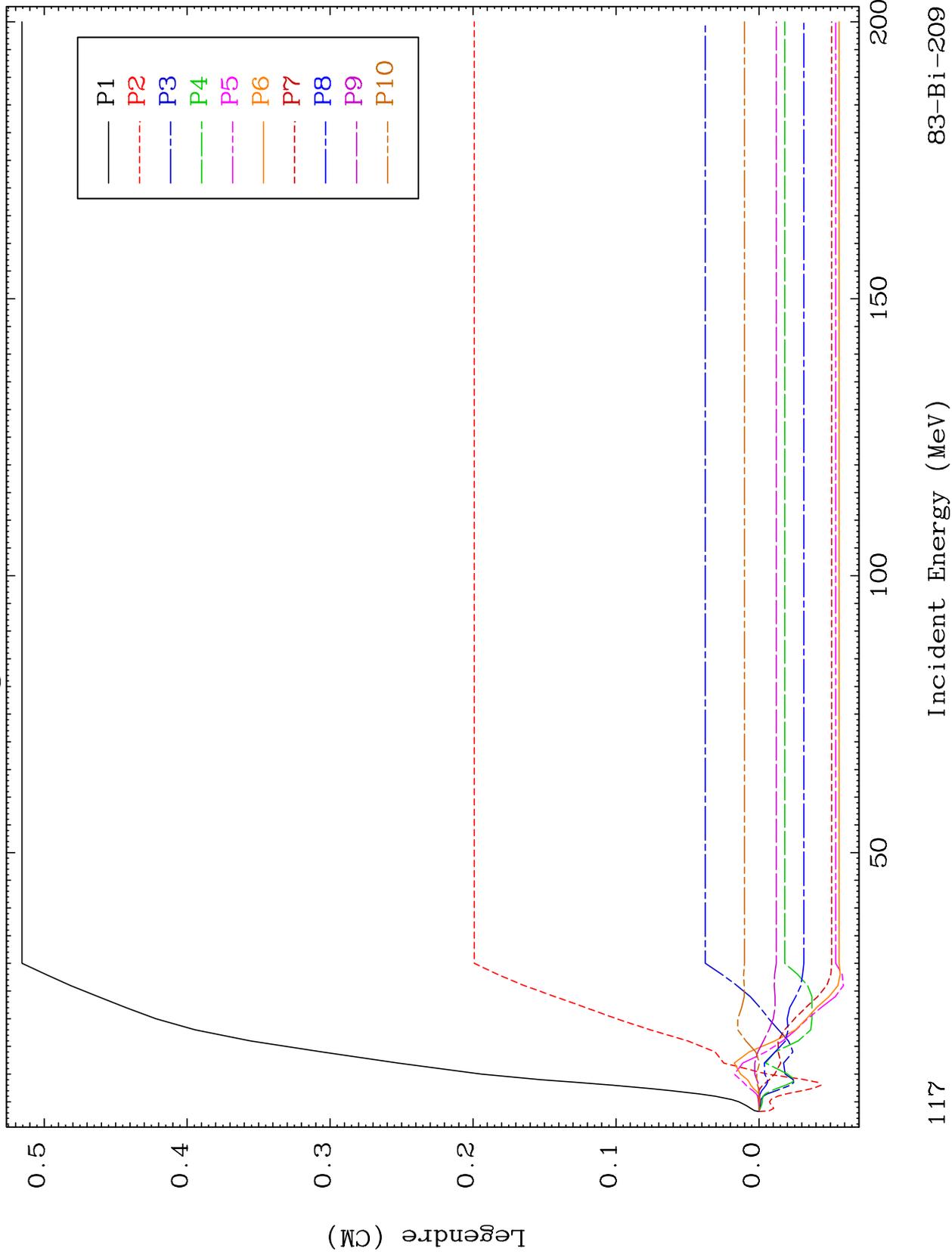
83-Bi-209



MAT 8325

MT= 78 (n,n') Level
Legendre Coefficients

83-Bi-209



117

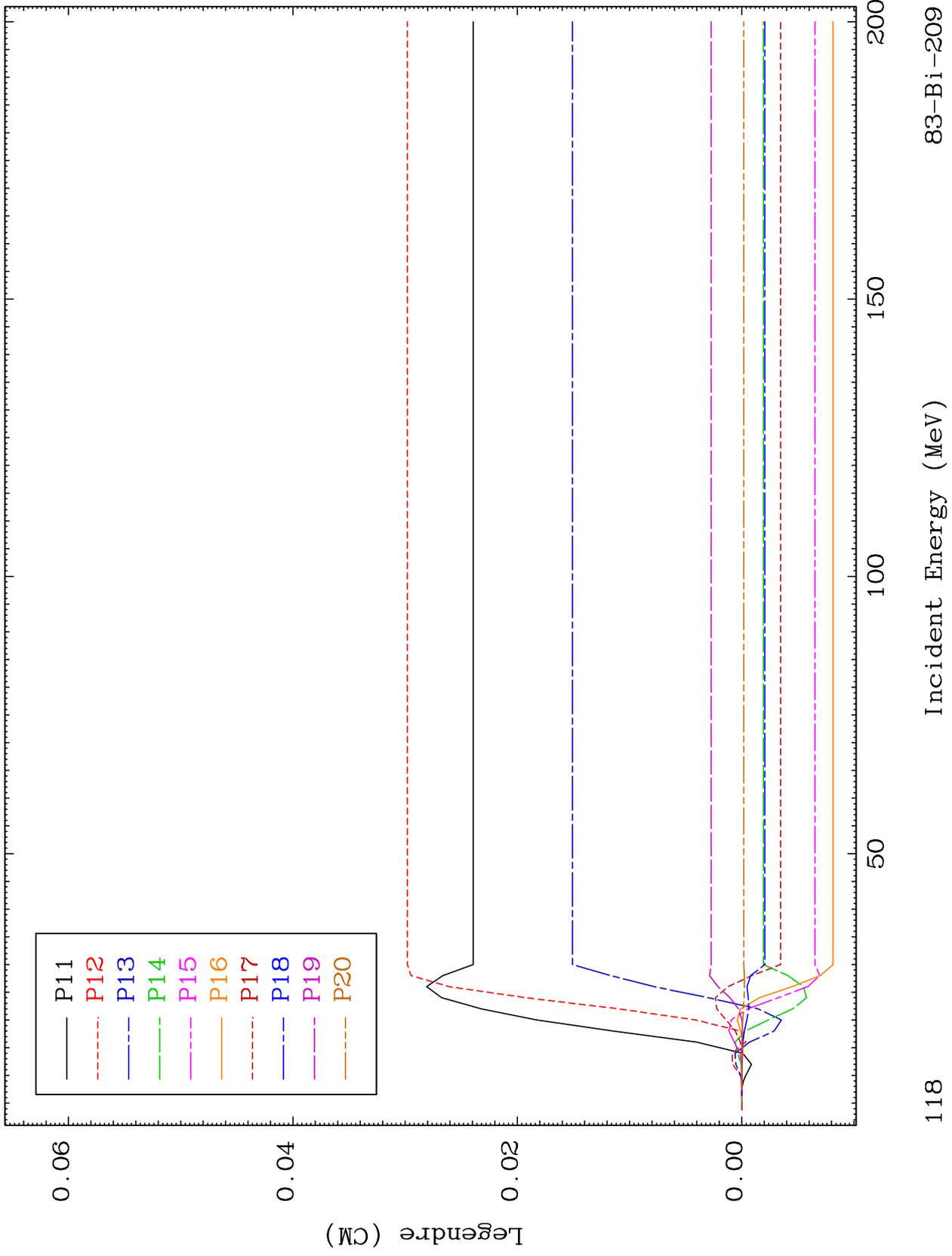
Incident Energy (MeV)

83-Bi-209

MAT 8325

MT= 78 (n,n') Level
Legendre Coefficients

83-Bi-209



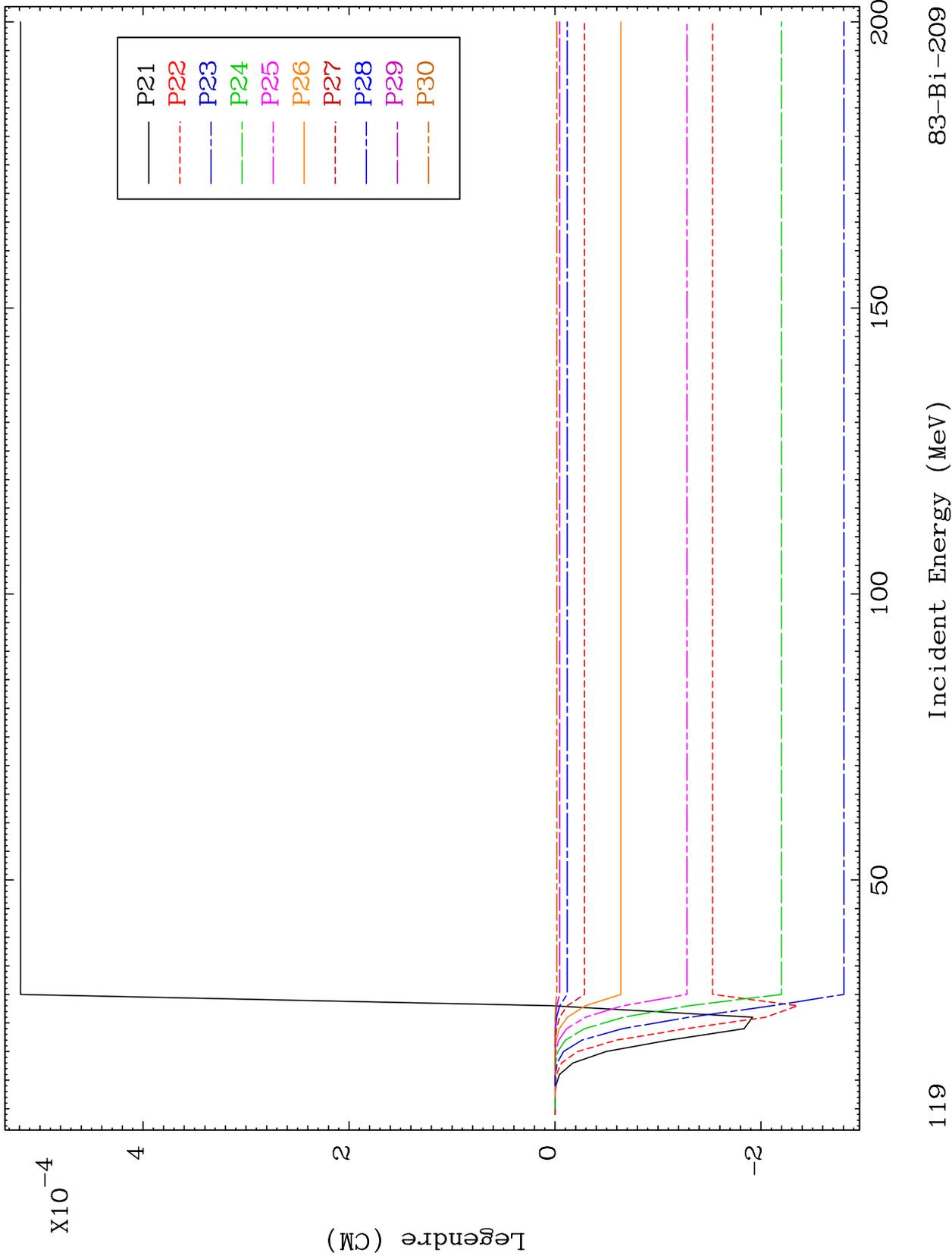
118

83-Bi-209

MAT 8325

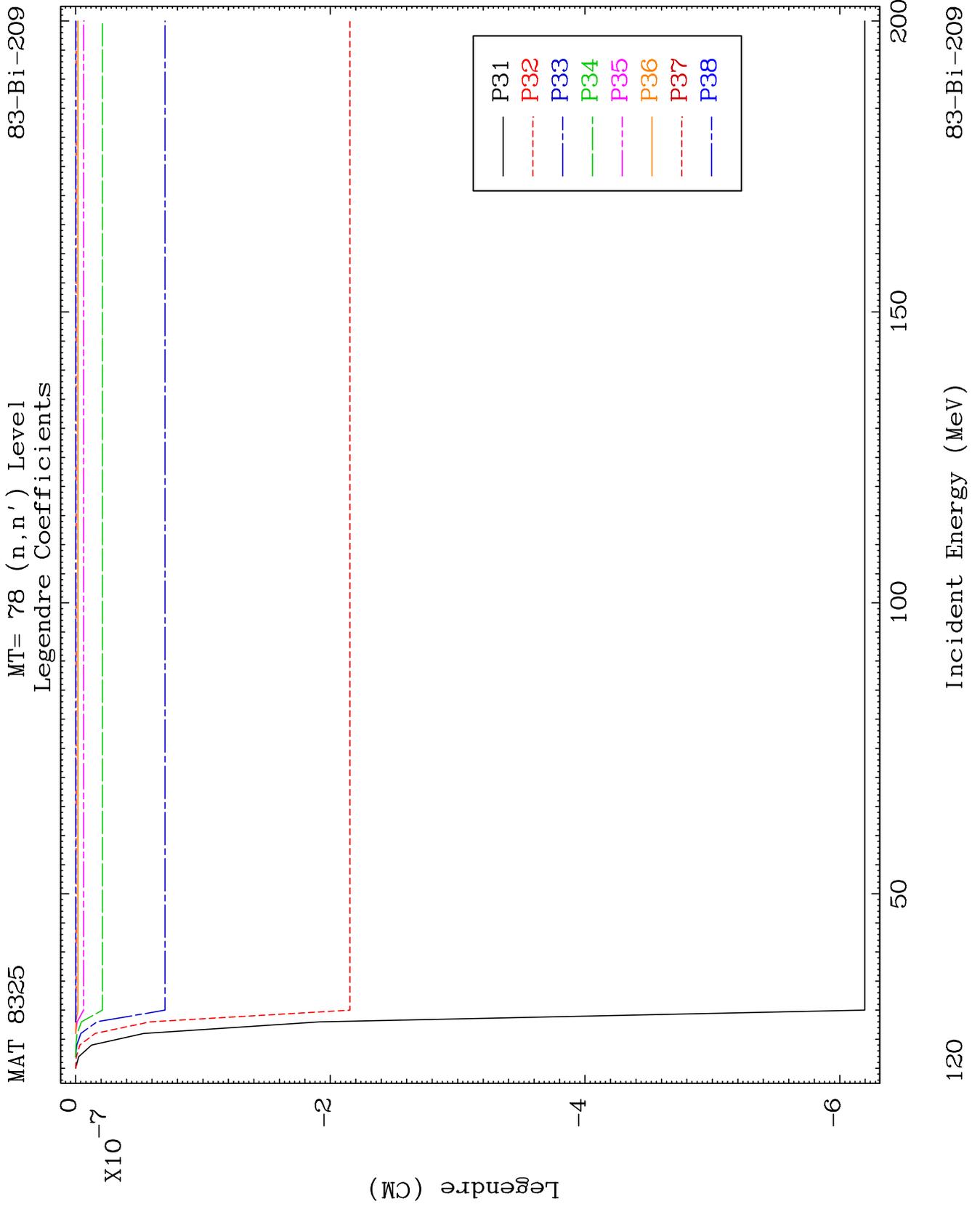
MT= 78 (n,n') Level
Legendre Coefficients

83-Bi-209



119

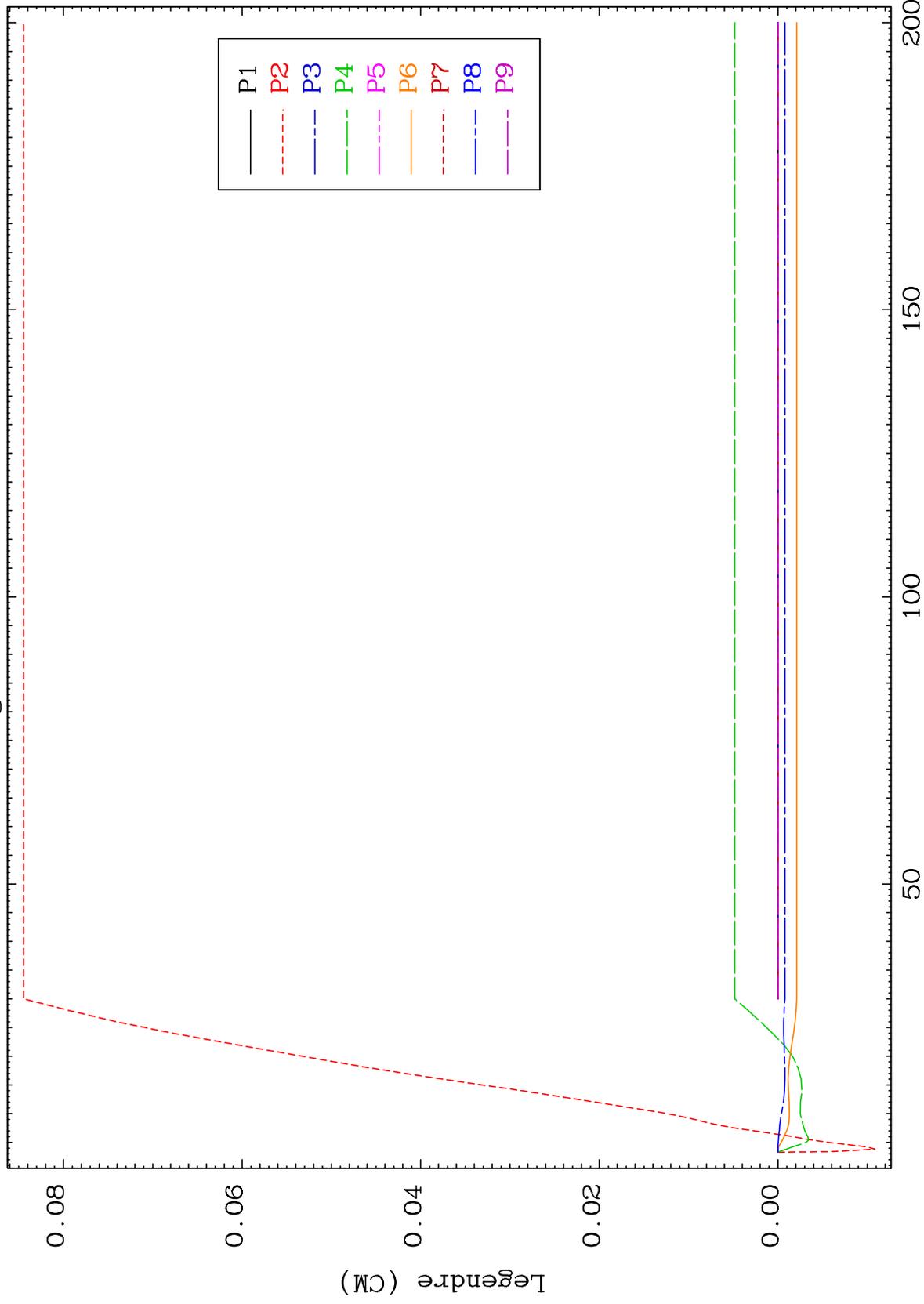
83-Bi-209



MAT 8325

MT= 79 (n,n') Level
Legendre Coefficients

83-Bi-209



121

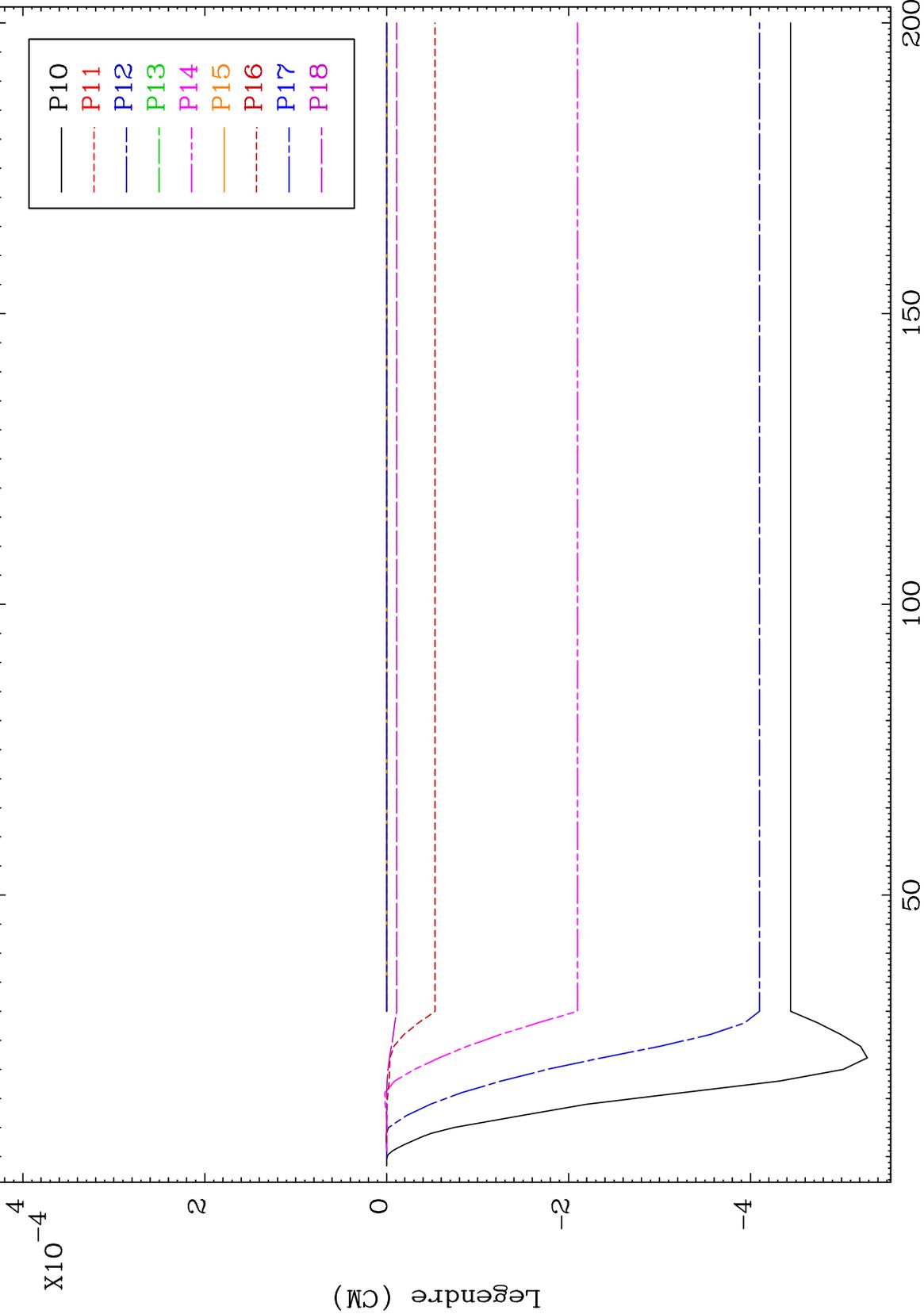
Incident Energy (MeV)

83-Bi-209

MAT 8325

MT= 79 (n,n') Level
Legendre Coefficients

83-Bi-209



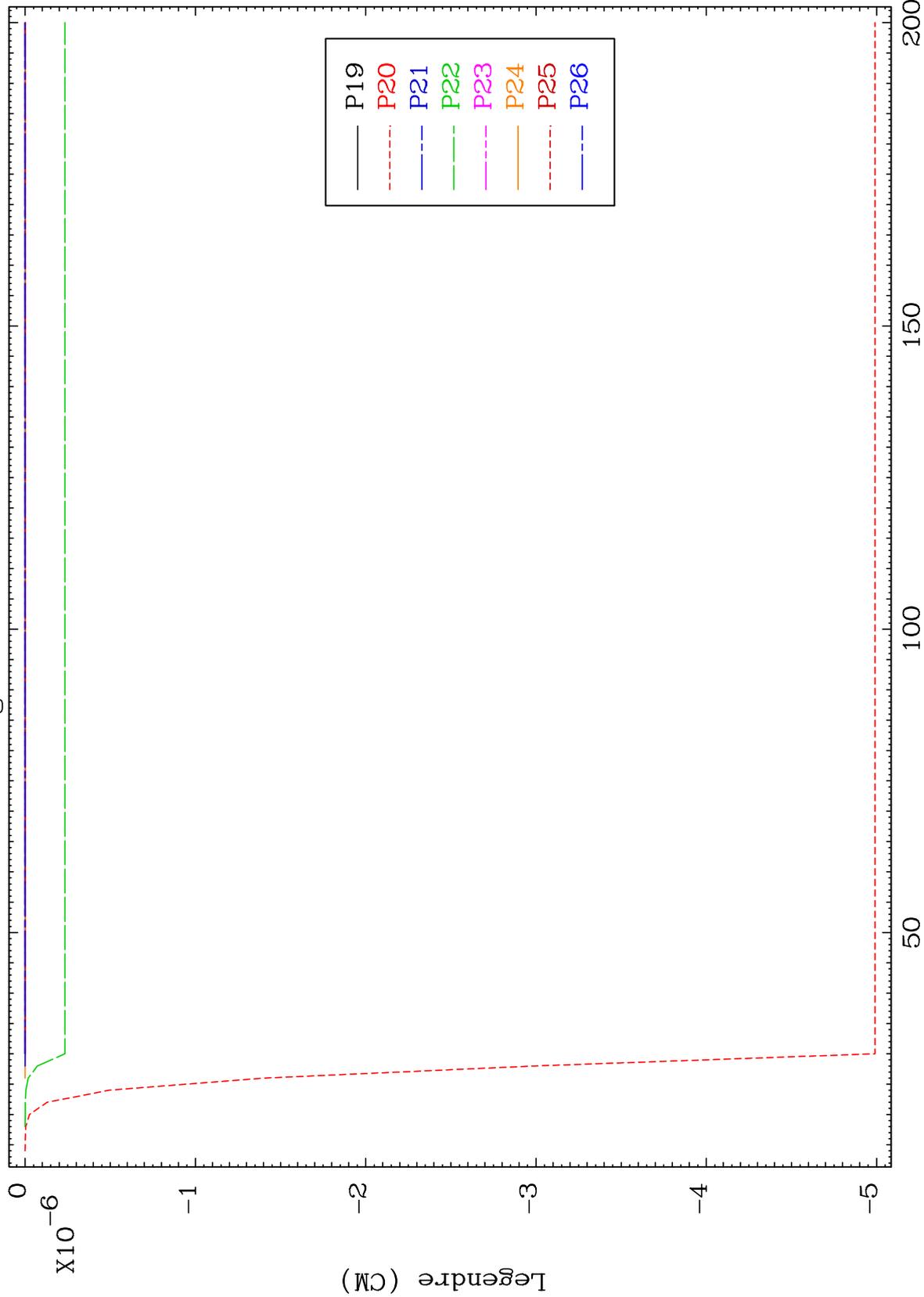
122

83-Bi-209

MAT 8325

MT= 79 (n,n') Level
Legendre Coefficients

83-Bi-209



123

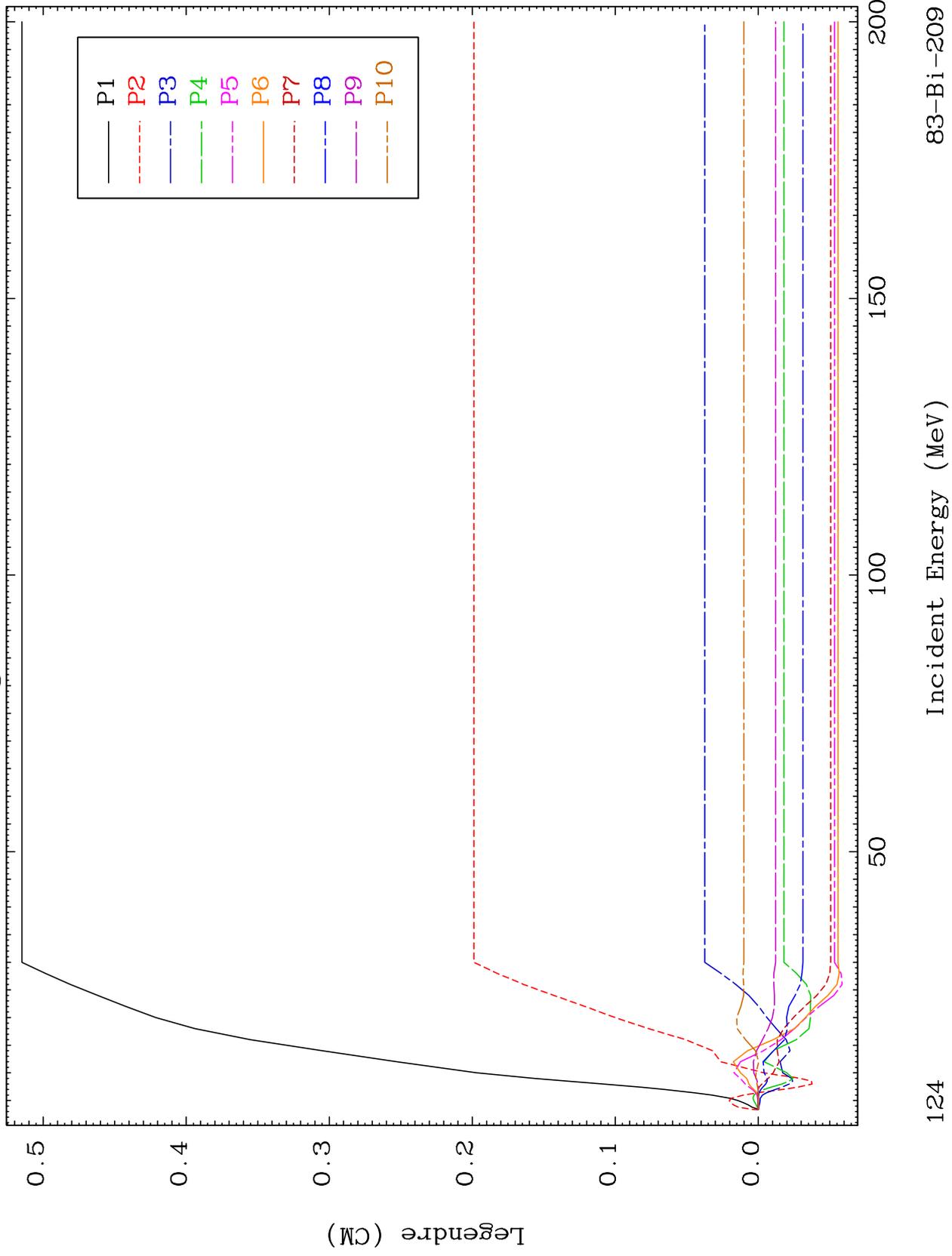
Incident Energy (MeV)

83-Bi-209

MAT 8325

MT= 80 (n,n') Level
Legendre Coefficients

83-Bi-209



124

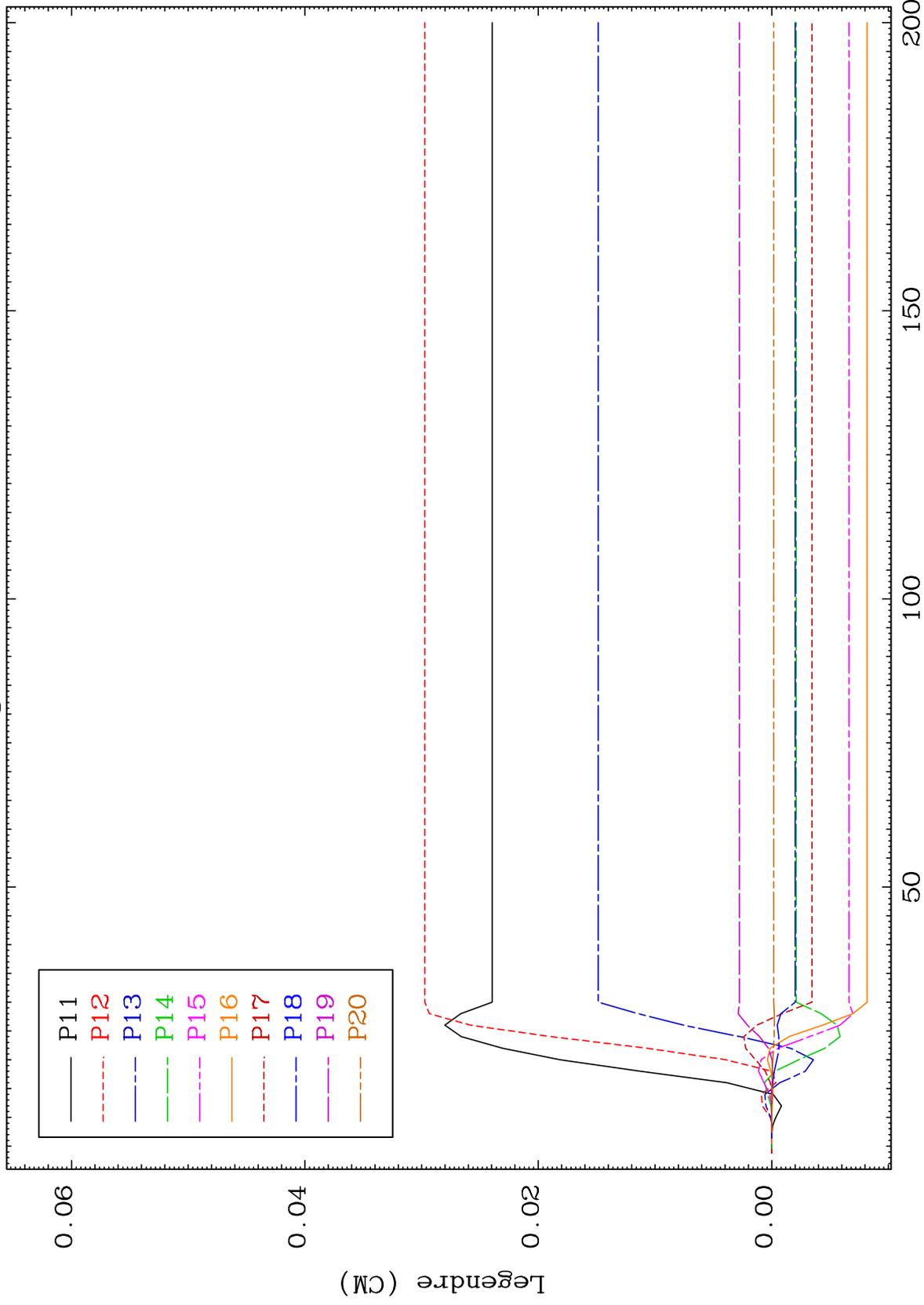
Incident Energy (MeV)

83-Bi-209

MAT 8325

MT= 80 (n,n') Level
Legendre Coefficients

83-Bi-209



125

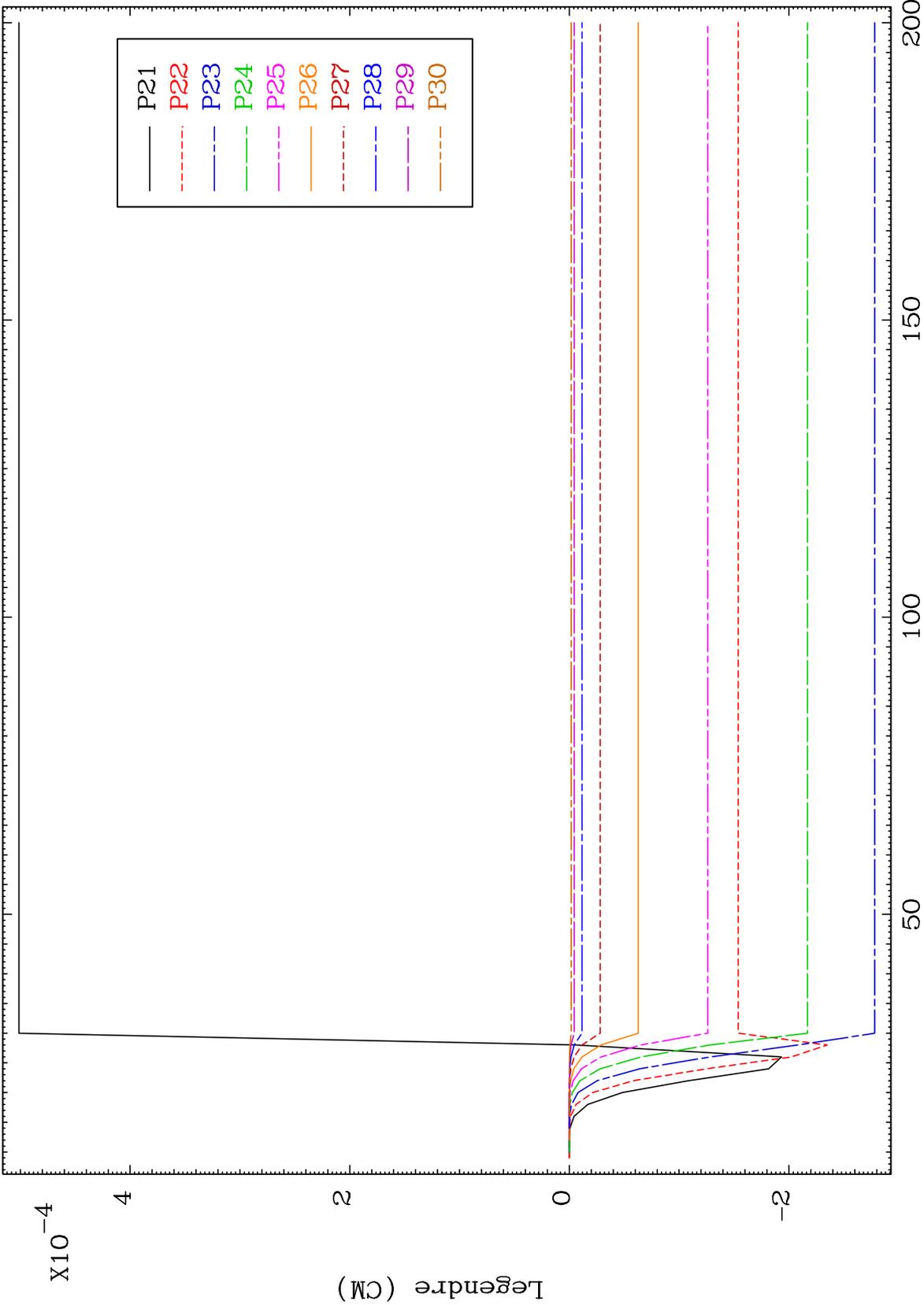
Incident Energy (MeV)

83-Bi-209

MAT 8325

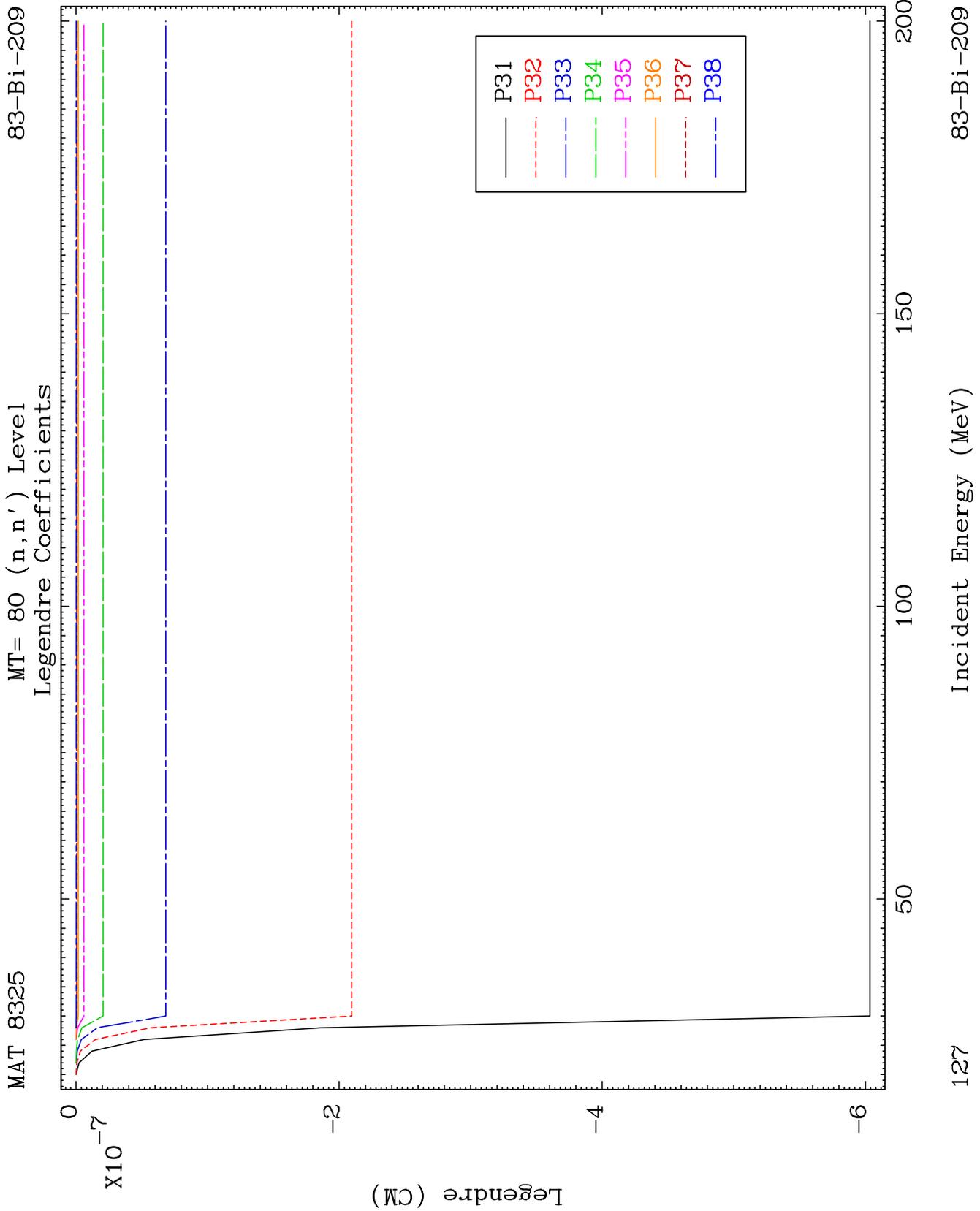
MT= 80 (n,n') Level
Legendre Coefficients

83-Bi-209



126

83-Bi-209

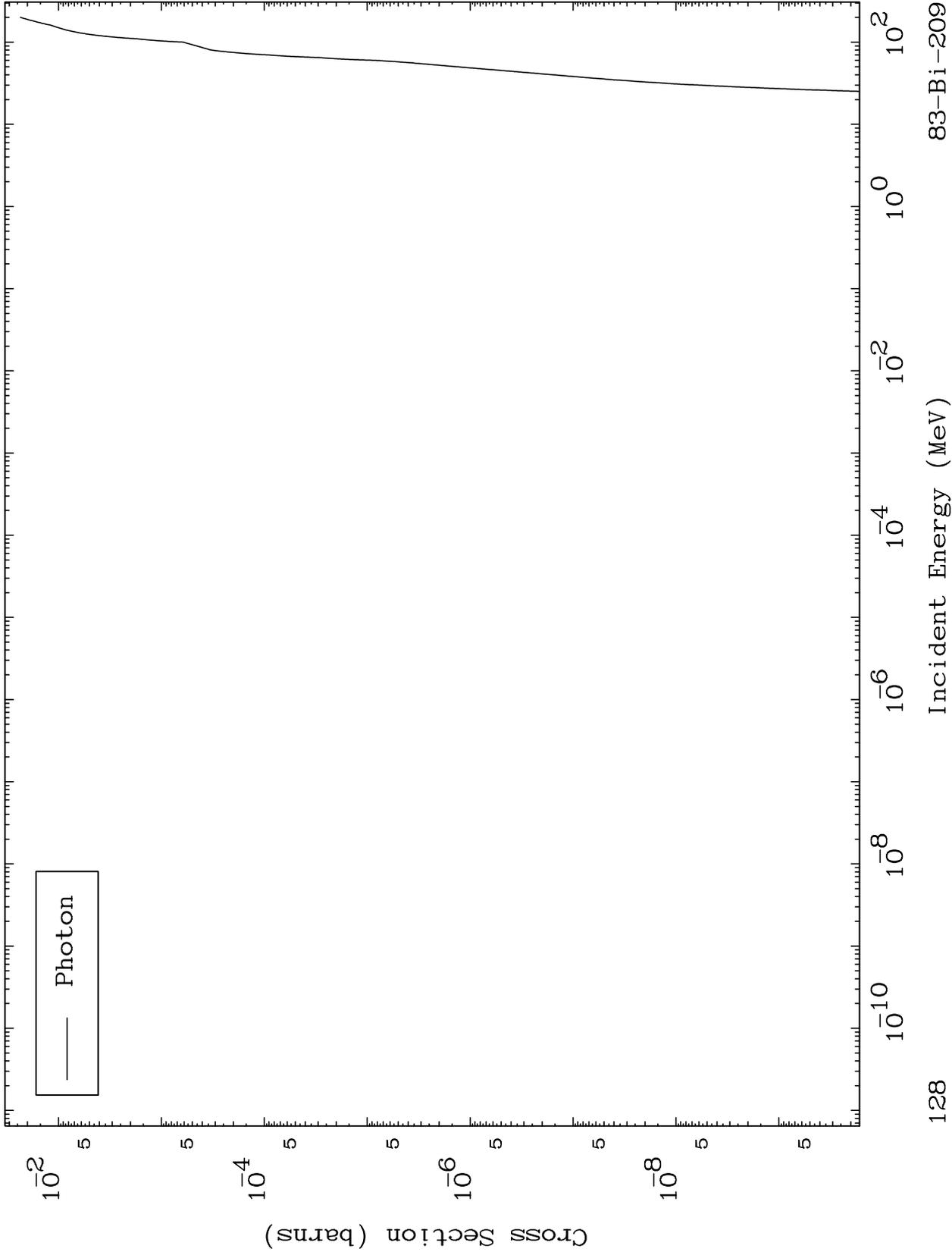


MAT 8325

Fission

83-Bi-209

Radionuclide Production Cross Section



128

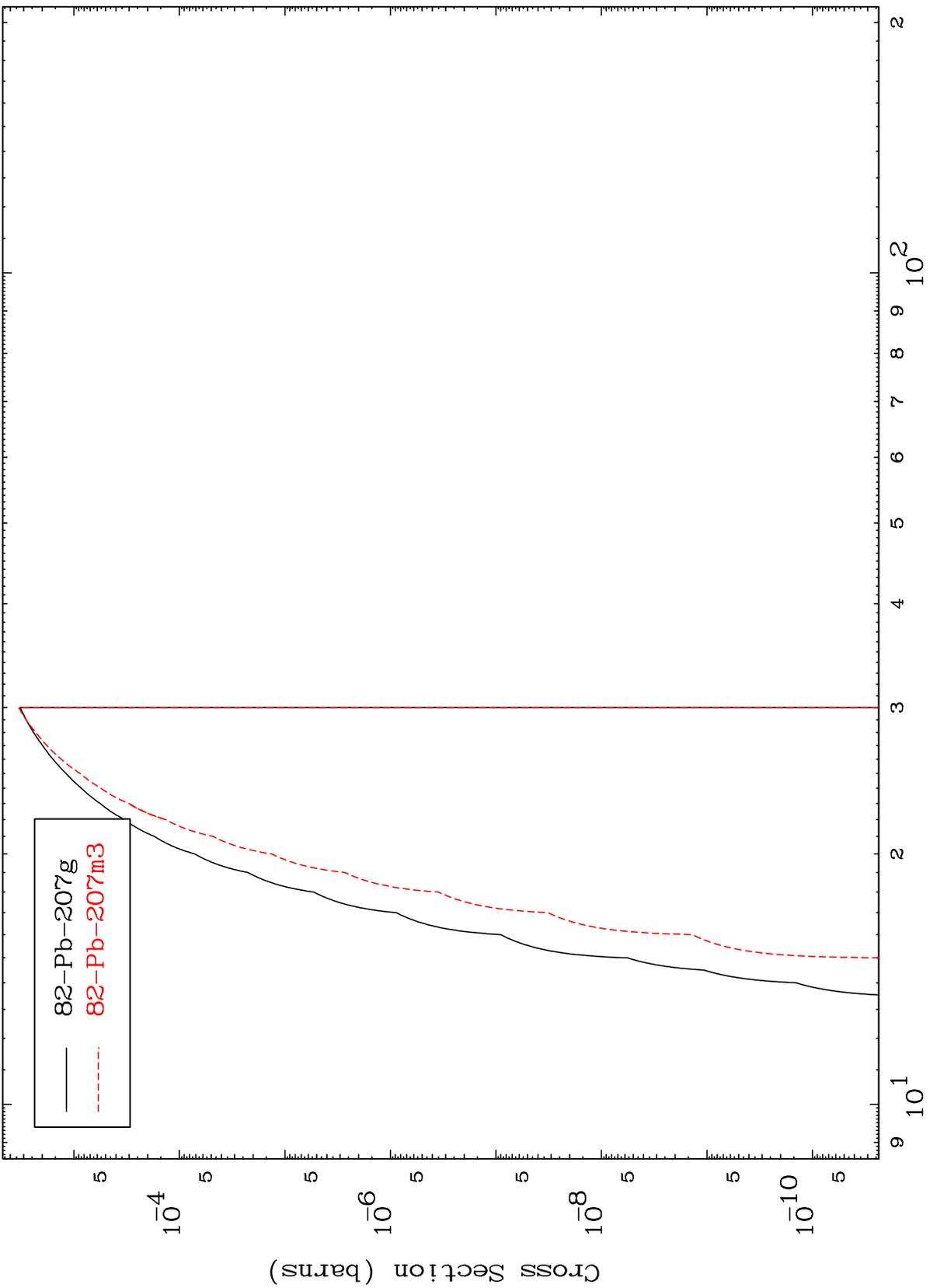
83-Bi-209

MAT 8325

(n,n') d

83-Bi-209

Radionuclide Production Cross Section

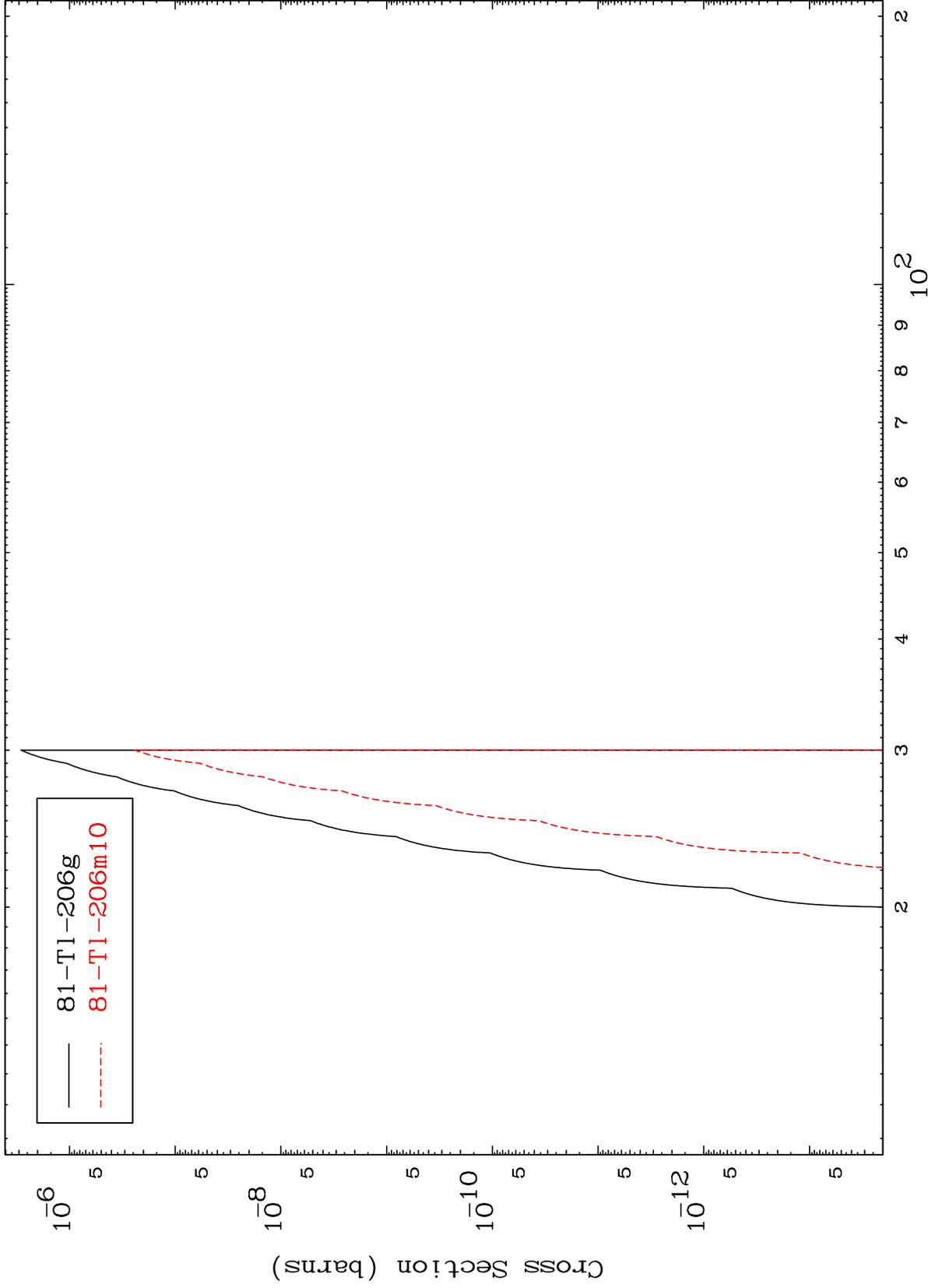


129

Incident Energy (MeV)

83-Bi-209

Radionuclide Production Cross Section

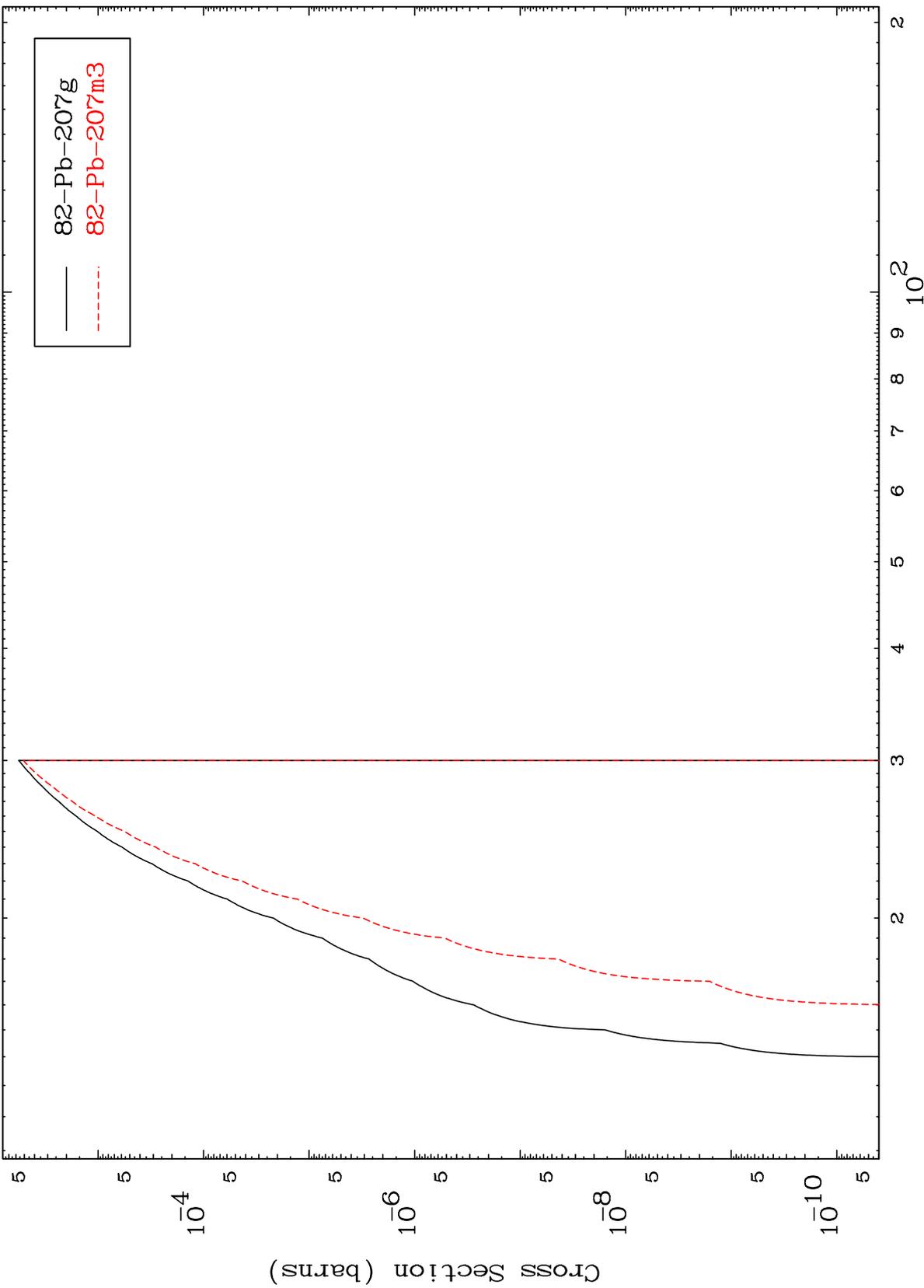


MAT 8325

(n,2n) p

83-Bi-209

Radionuclide Production Cross Section



131

Incident Energy (MeV)

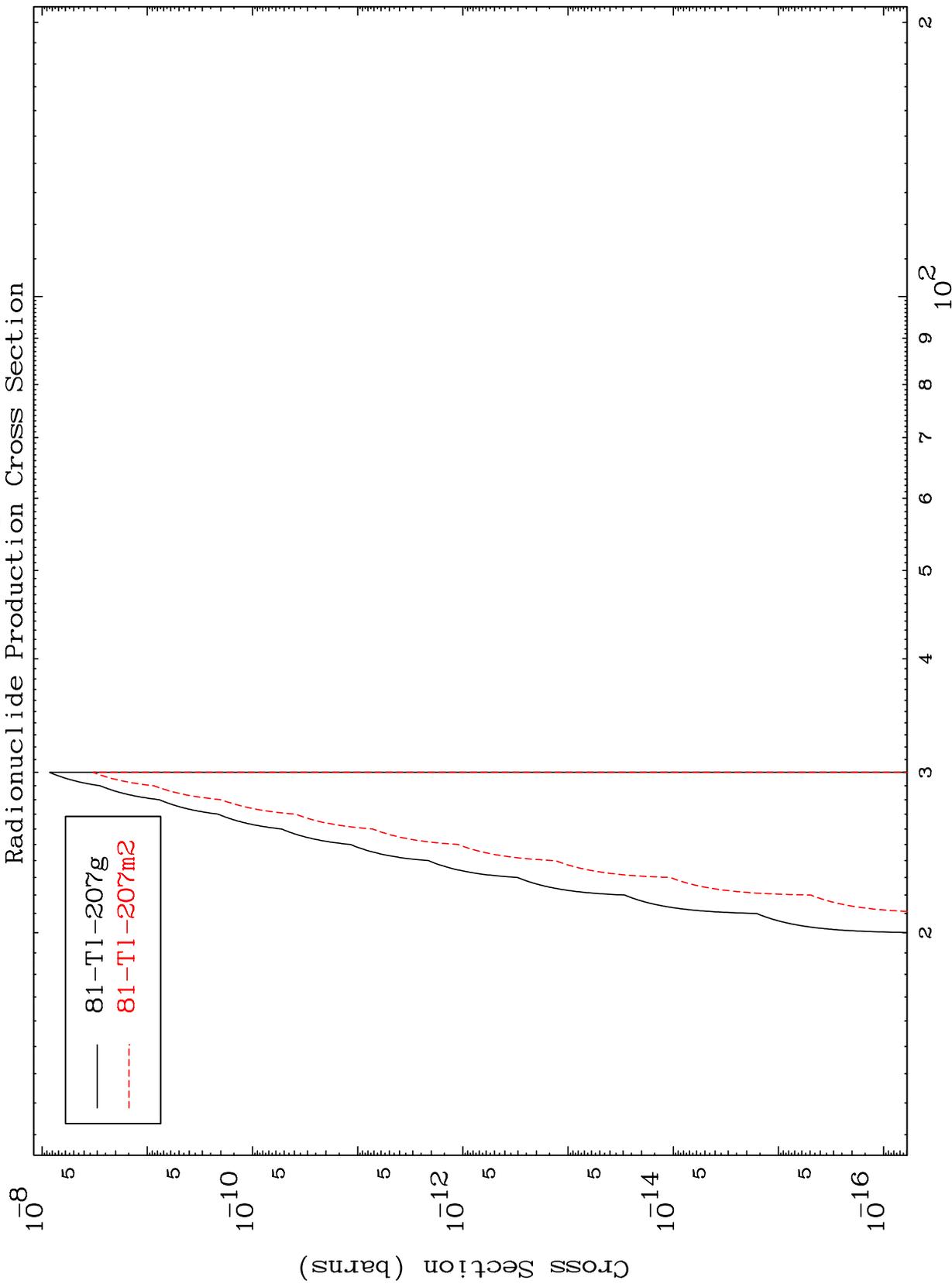
83-Bi-209

MAT 8325

(n,2n) p

83-Bi-209

Radionuclide Production Cross Section



Incident Energy (MeV)

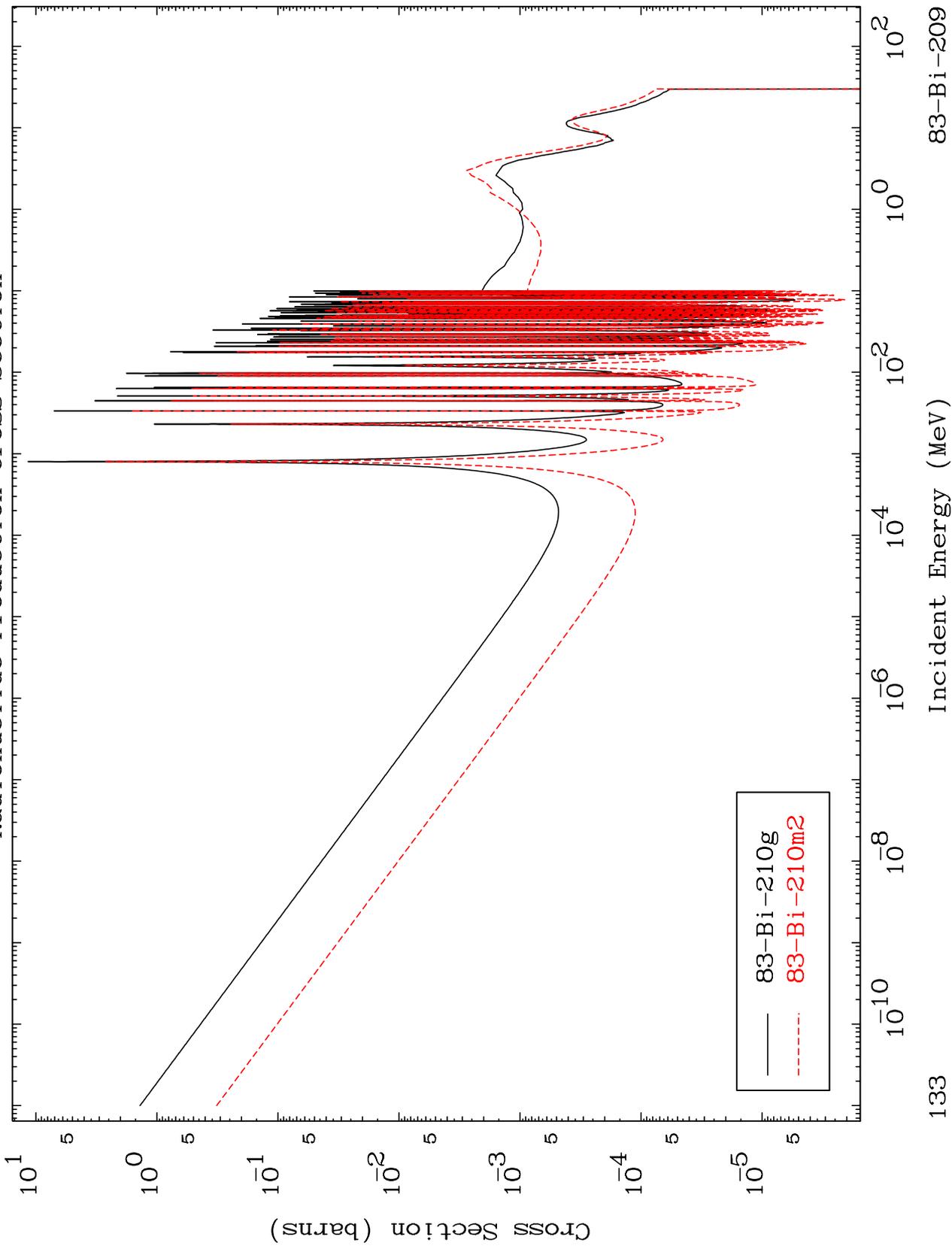
83-Bi-209

132

MAT 8325

83-Bi-209

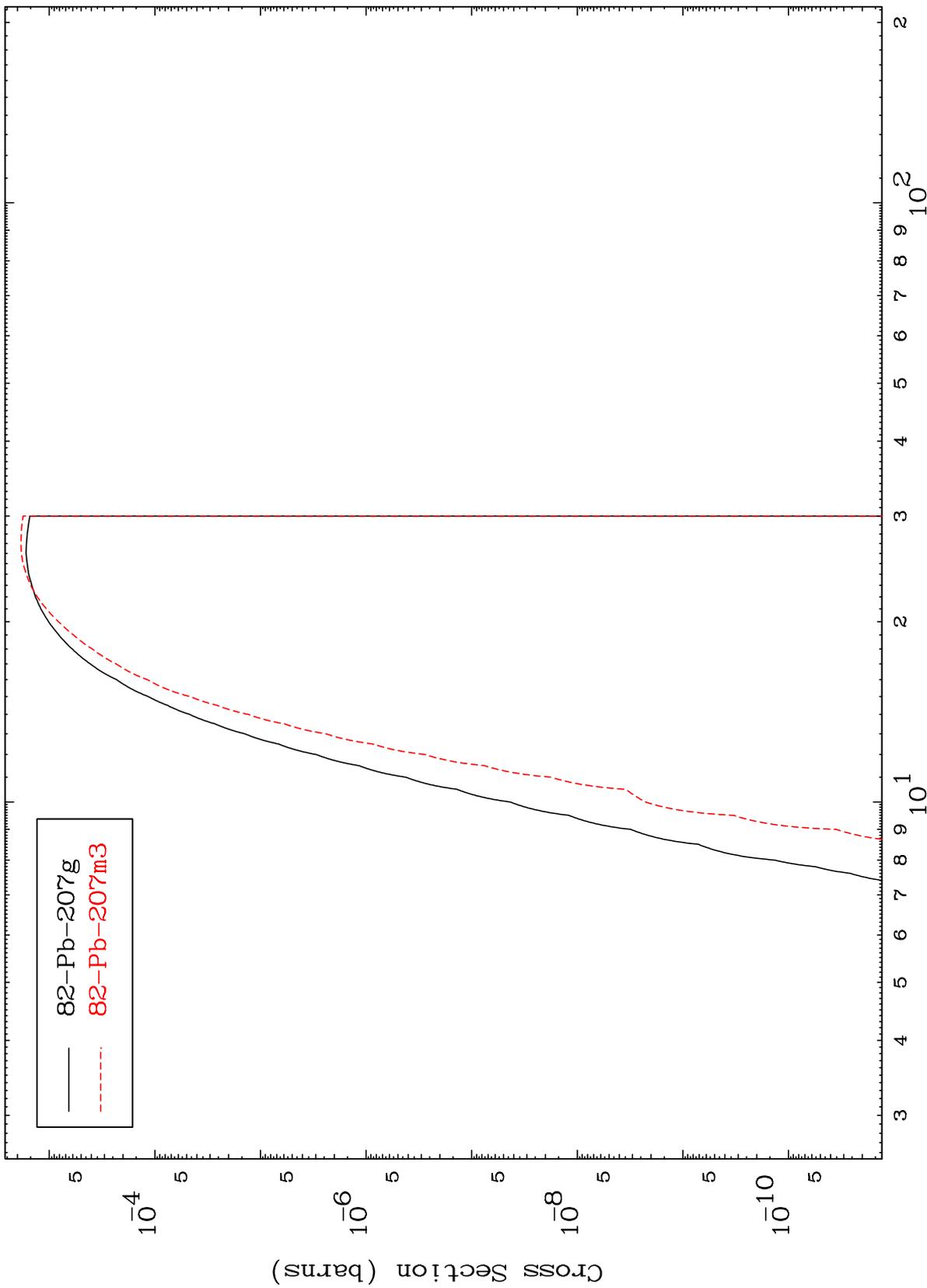
(n, γ)
Radionuclide Production Cross Section



MAT 8325

83-Bi-209

(n, t)
Radionuclide Production Cross Section



134

Incident Energy (MeV)

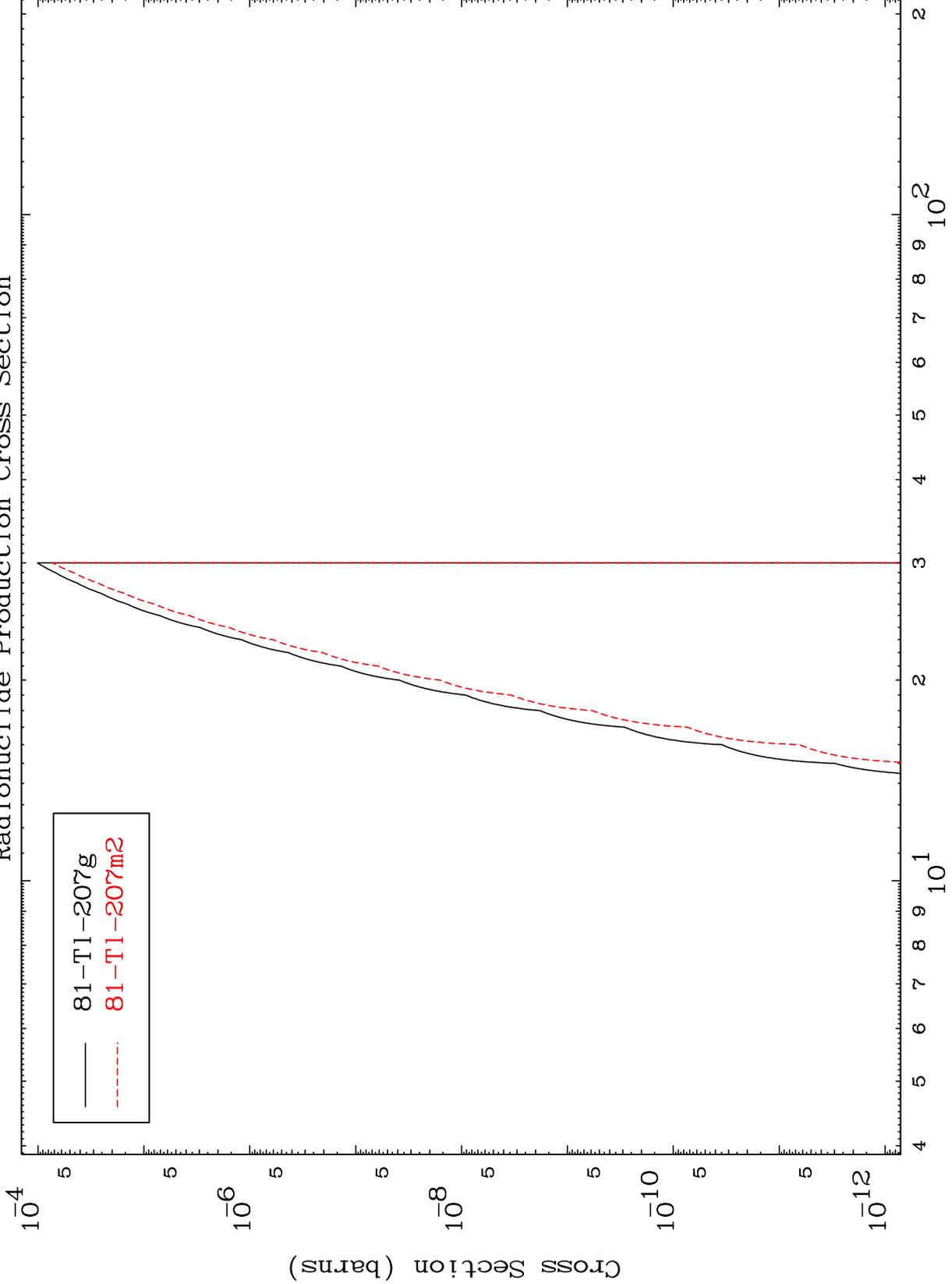
83-Bi-209

MAT 8325

(n,He-3)

83-Bi-209

Radionuclide Production Cross Section



135

Incident Energy (MeV)

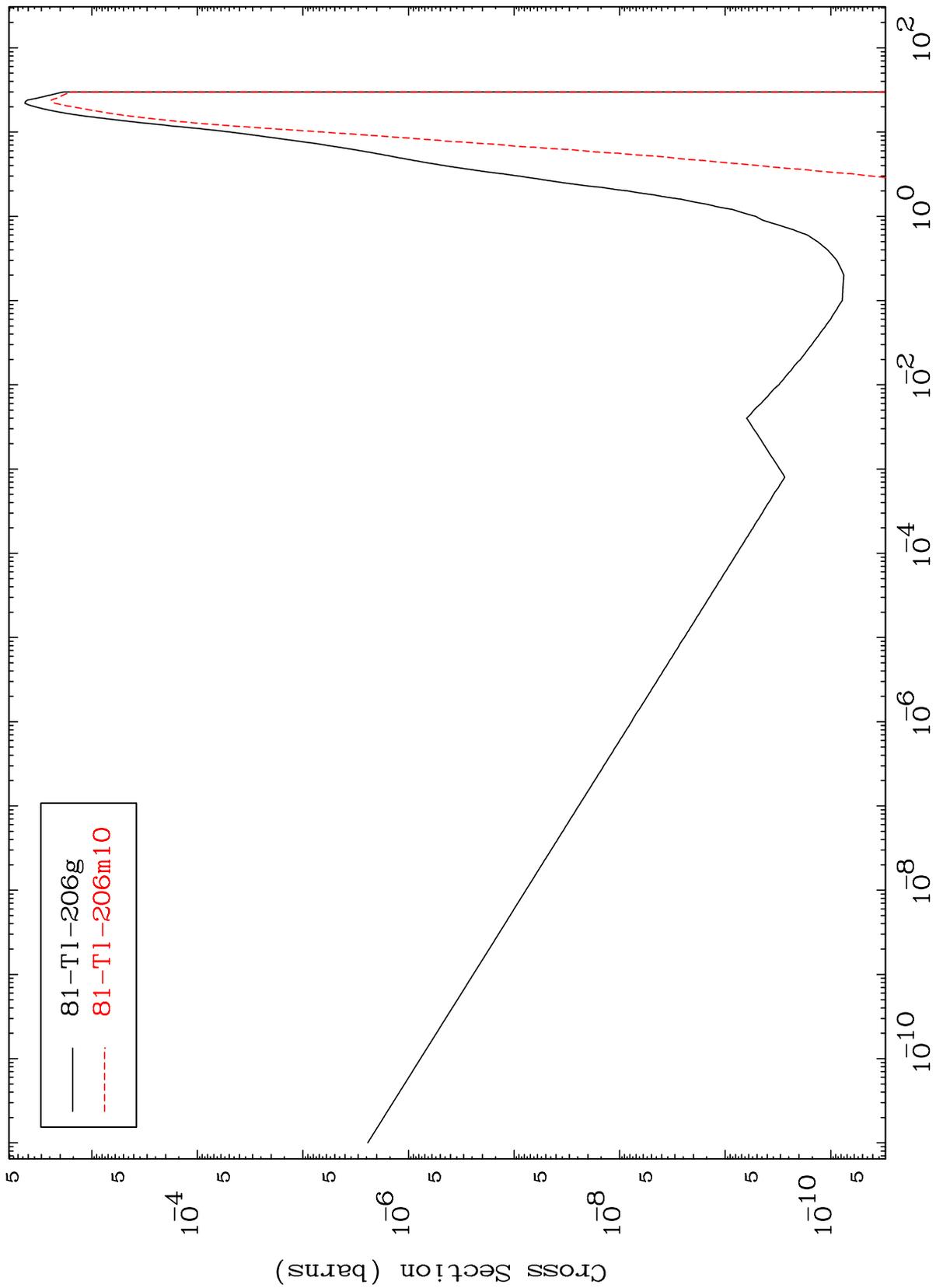
83-Bi-209

MAT 8325

(n, α)

83-Bi-209

Radionuclide Production Cross Section



136

Incident Energy (MeV)

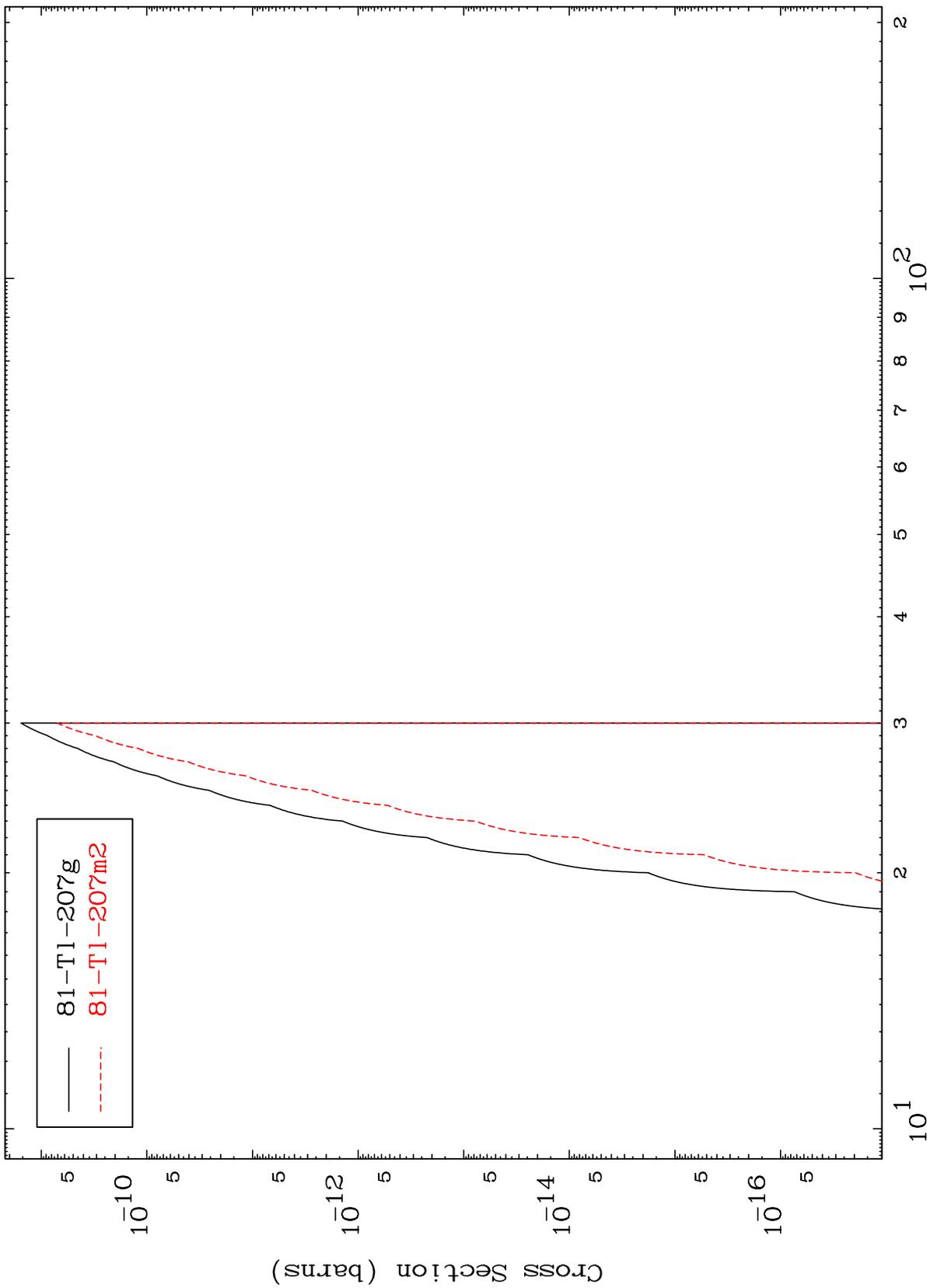
83-Bi-209

MAT 8325

(n,p) d

83-Bi-209

Radionuclide Production Cross Section



81-Tl-207g
81-Tl-207m2

137

Incident Energy (MeV)

83-Bi-209