

Program EVALPLOT  
(Version 2018-1)

by

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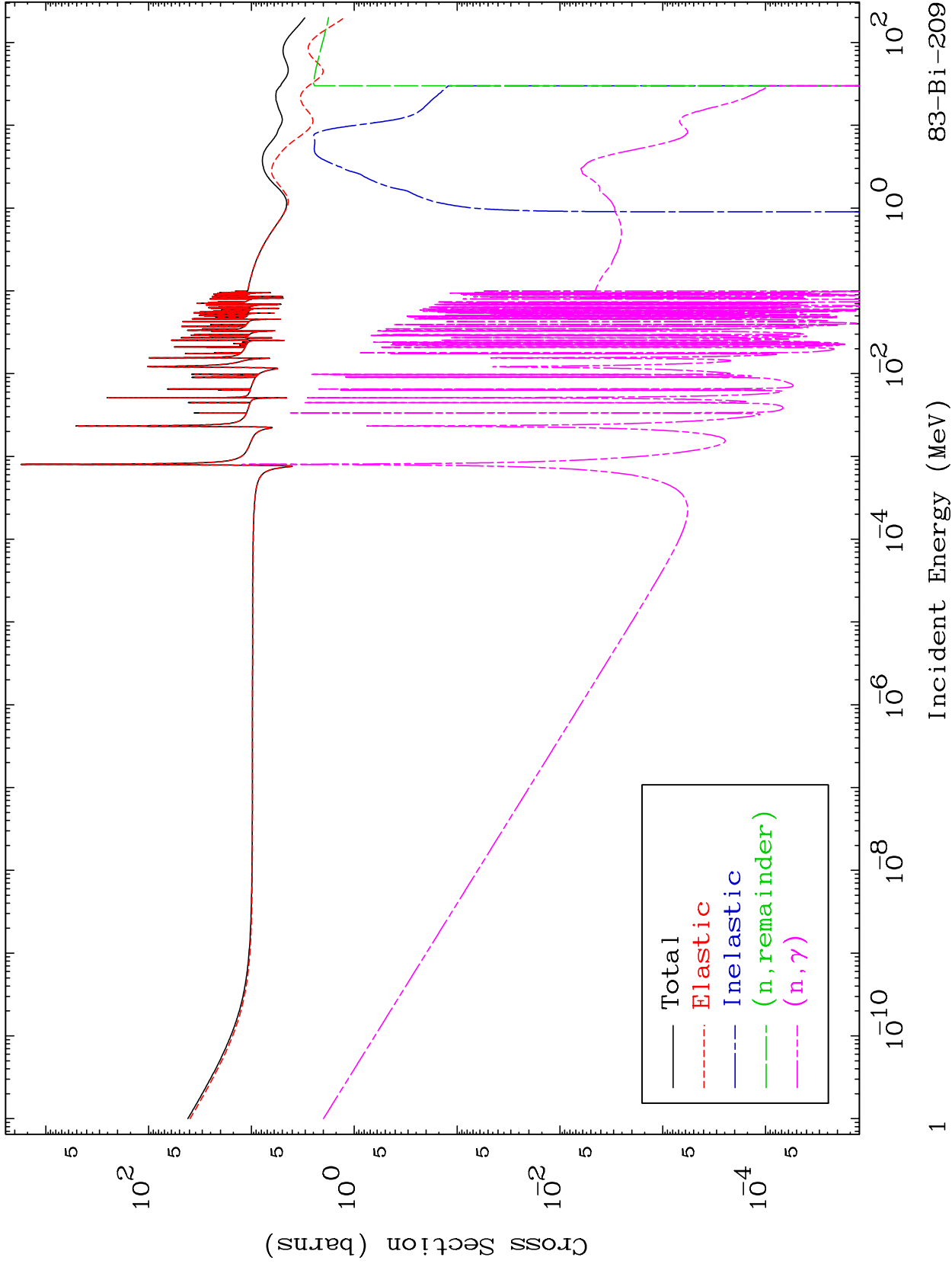
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Press Mouse Button to Start

MAT 8325

Major  
293 Kelvin Cross Sections

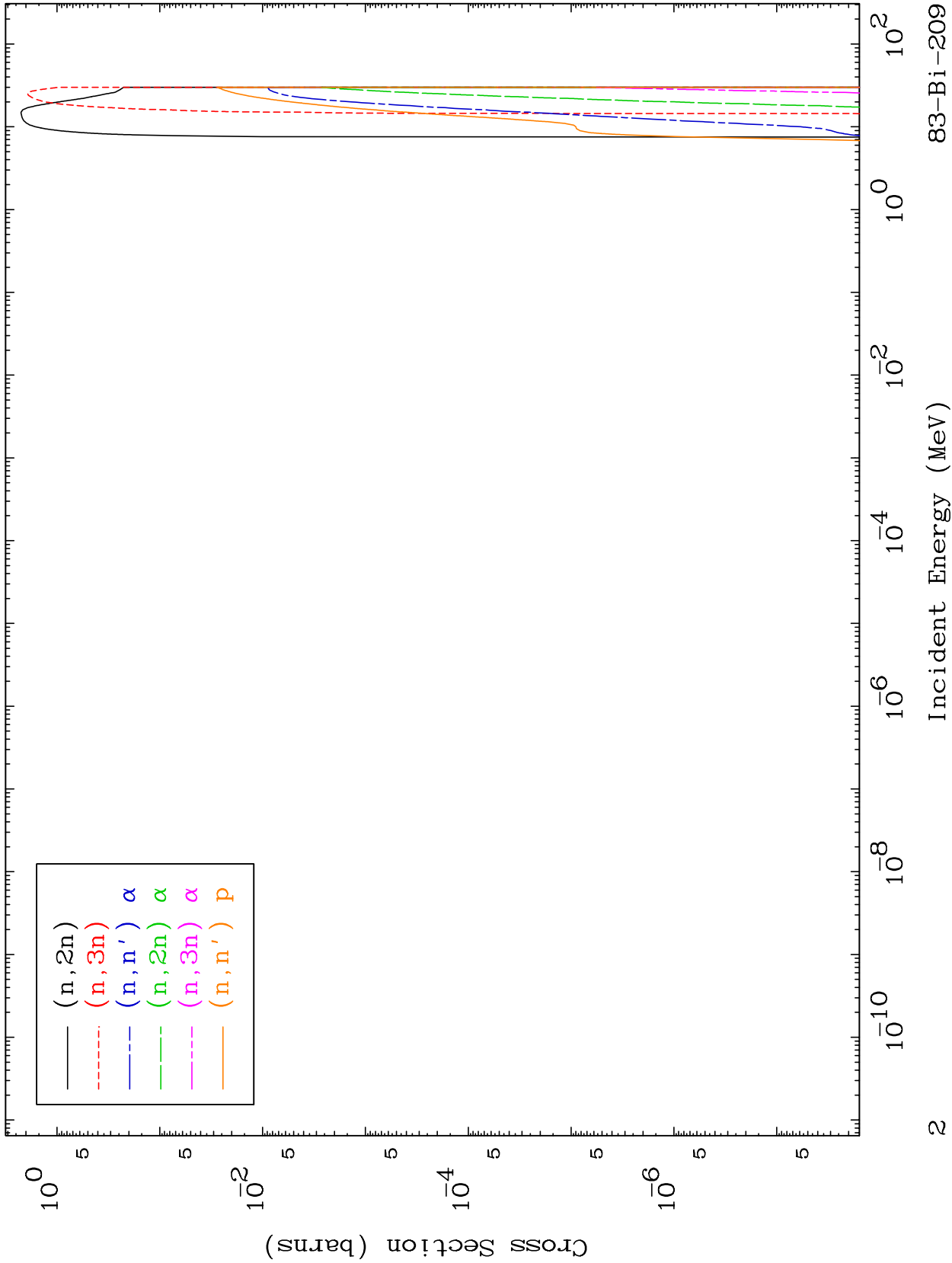
83-Bi-209

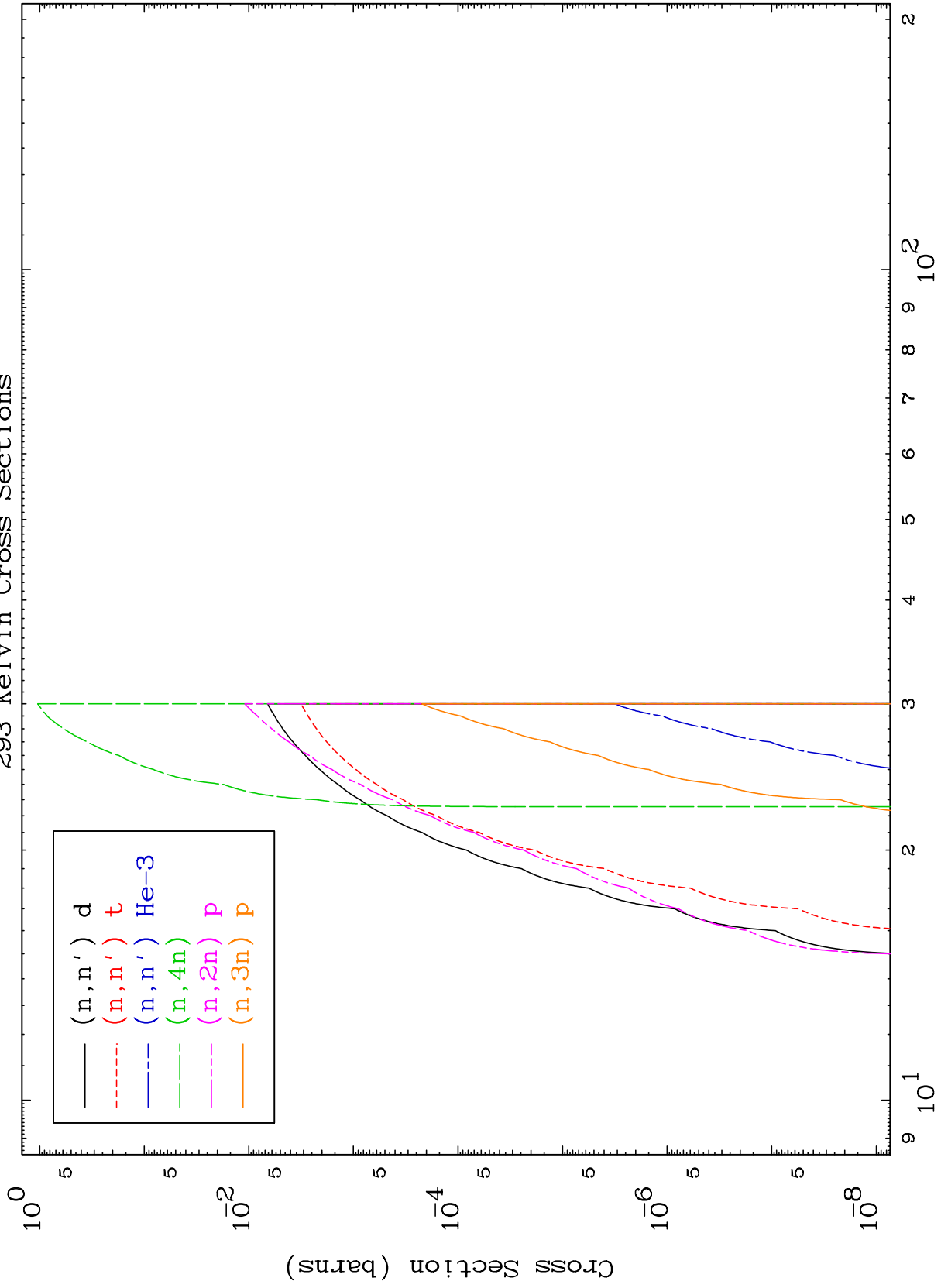


MAT 8325

Neutron Production  
293 Kelvin Cross Sections

83-Bi-209

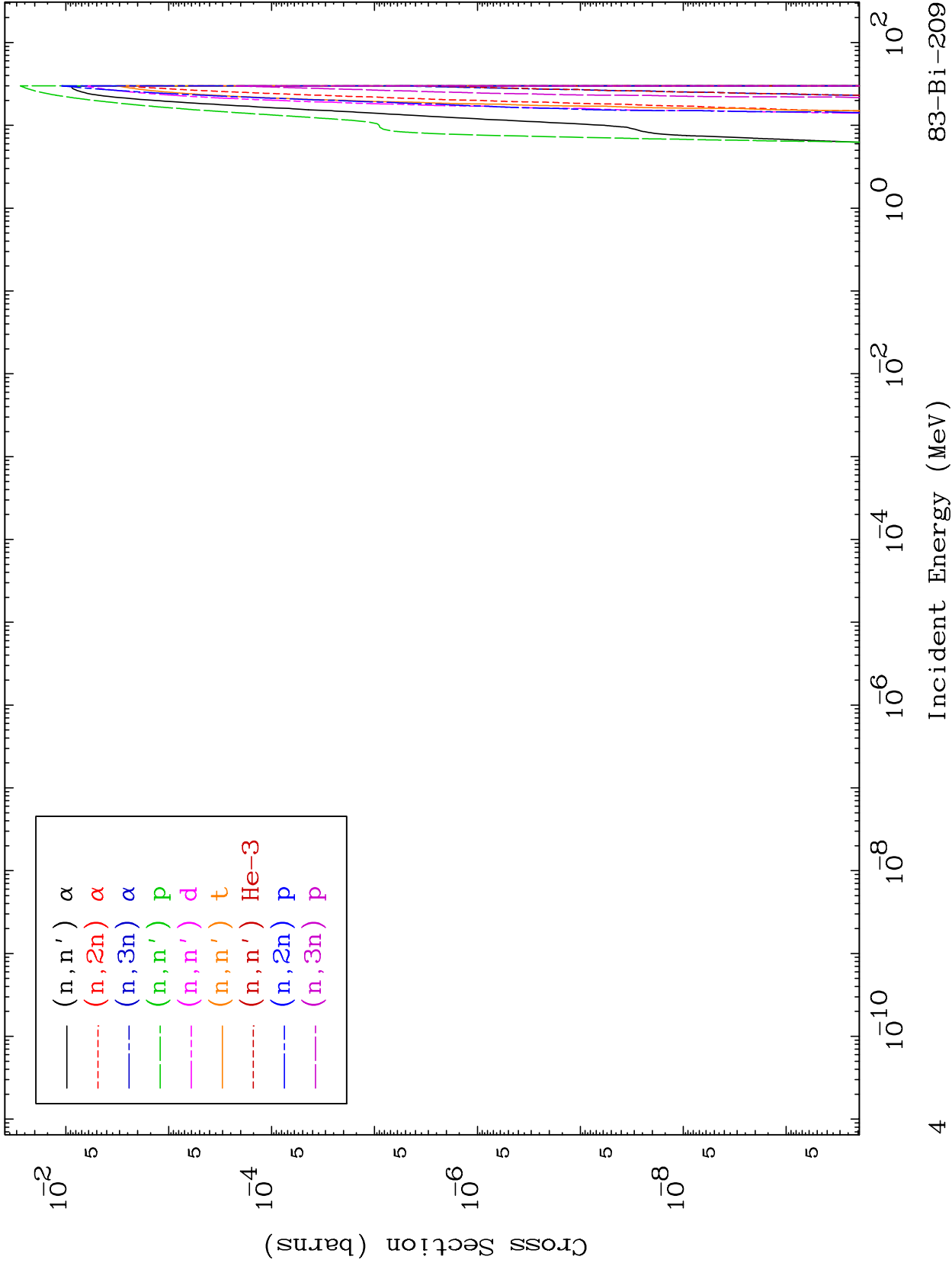




MAT 8325

Charged Particle  
293 Kelvin Cross Sections

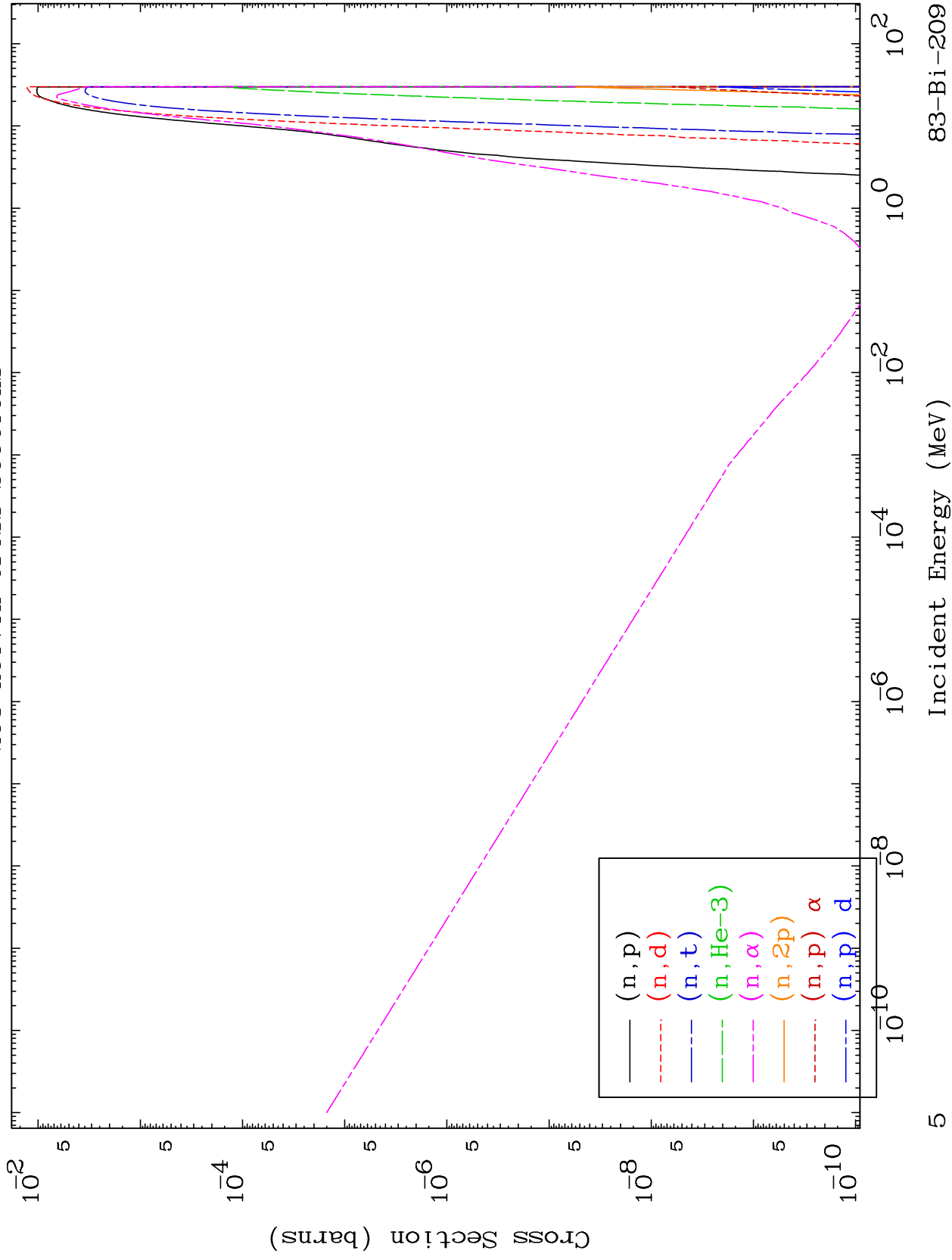
83-Bi-209



MAT 8325

Charged Particle  
293 Kelvin Cross Sections

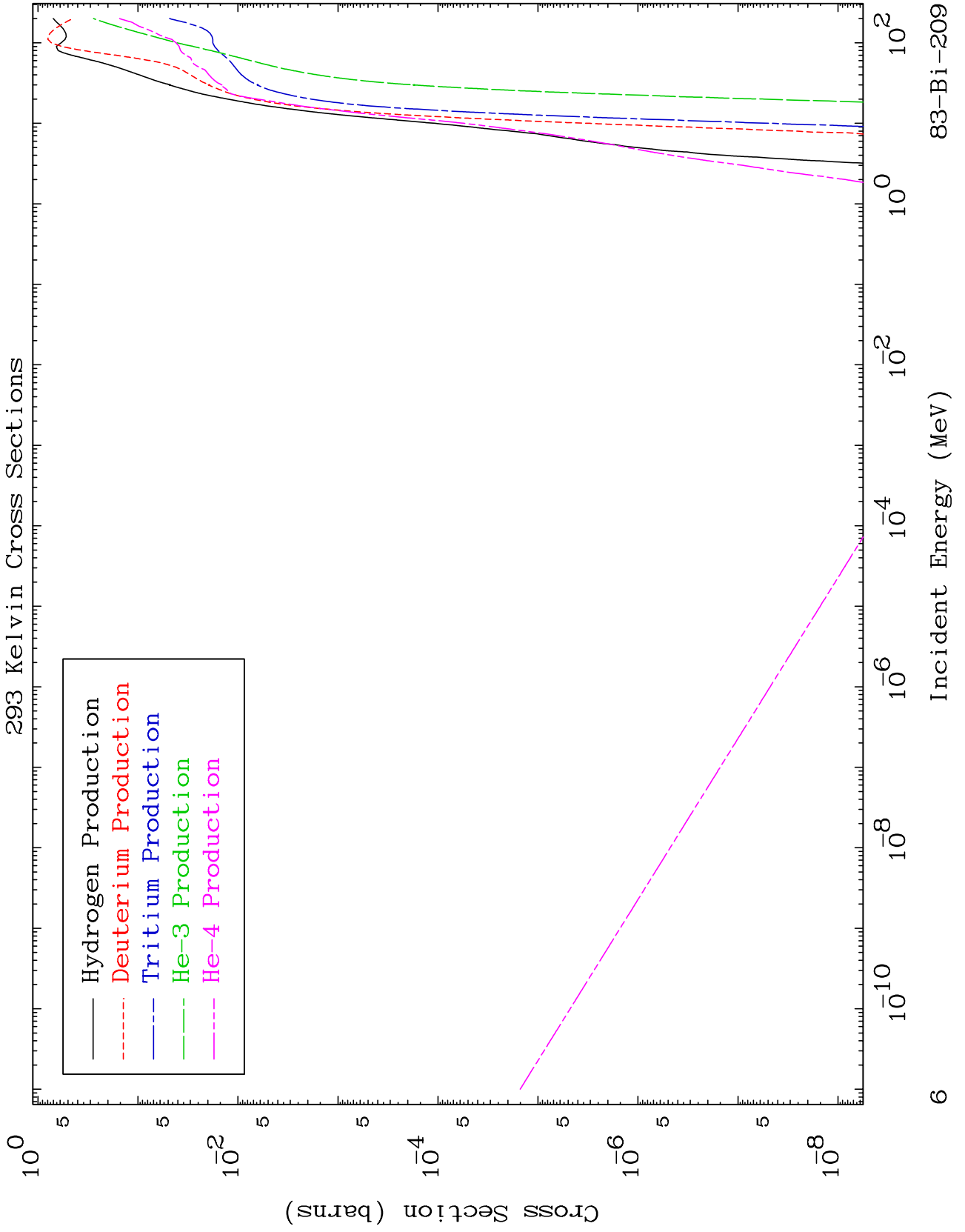
83-Bi-209



MAT 8325

Particle Production  
293 Kelvin Cross Sections

83-Bi-209

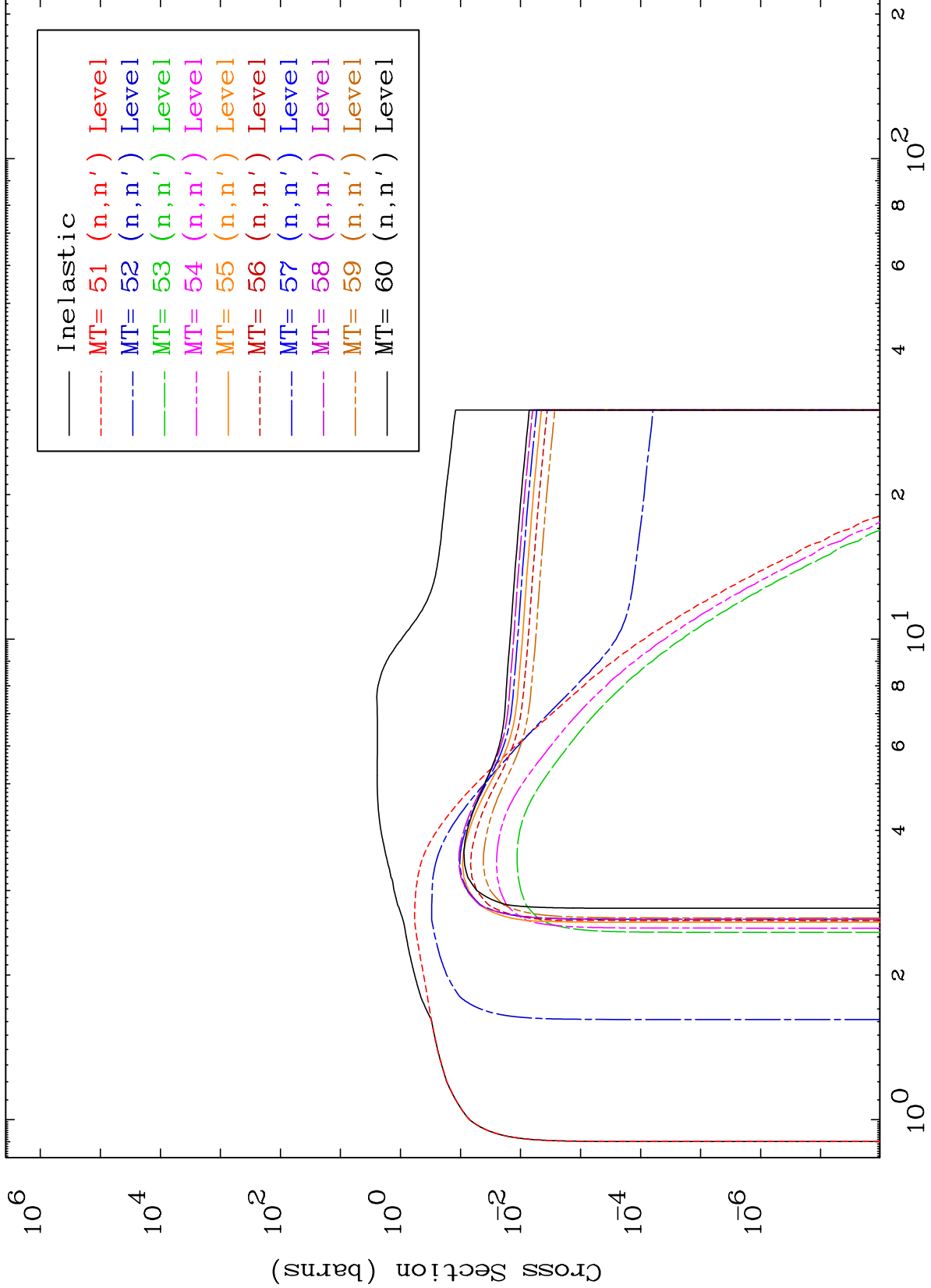


MAT 8325

(n,n') Level

83-Bi-209

293 Kelvin Cross Sections



Incident Energy (MeV)

83-Bi-209

7

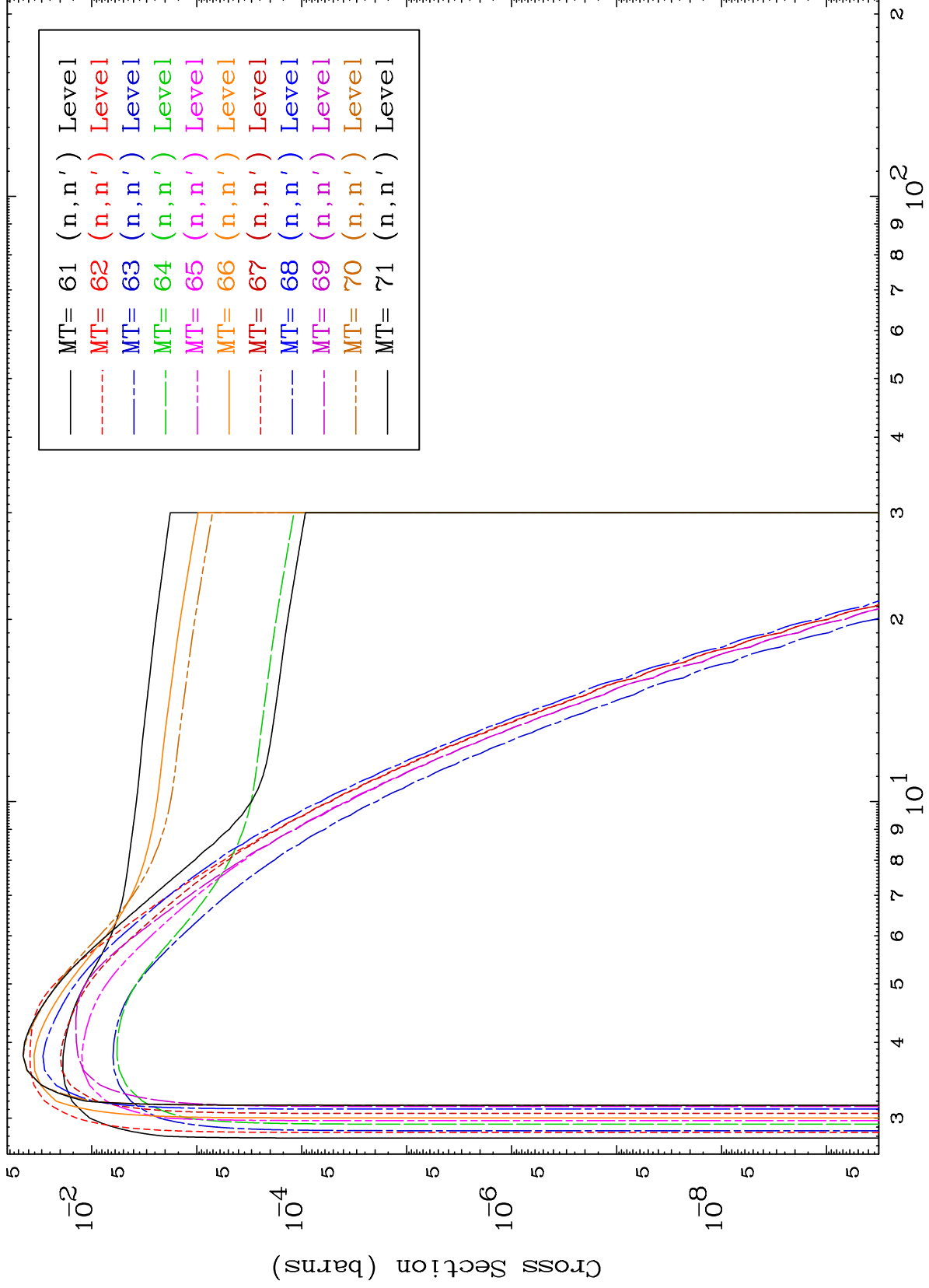


MAT 8325

(n,n') Level

83-Bi-209

293 Kelvin Cross Sections



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Incident Energy (MeV)

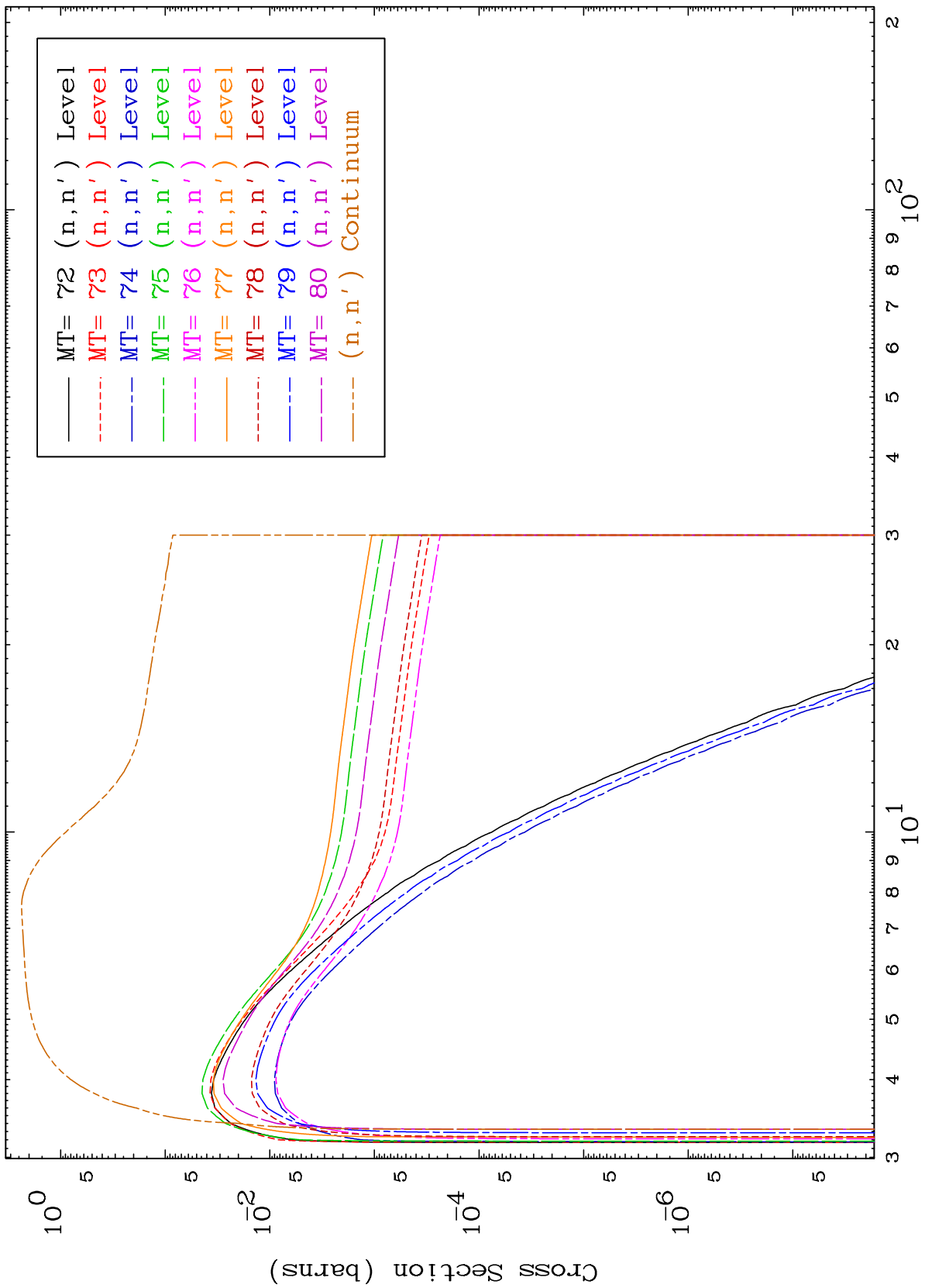
83-Bi-209

MAT 8325

(n,n') Level

83-Bi-209

293 Kelvin Cross Sections



9

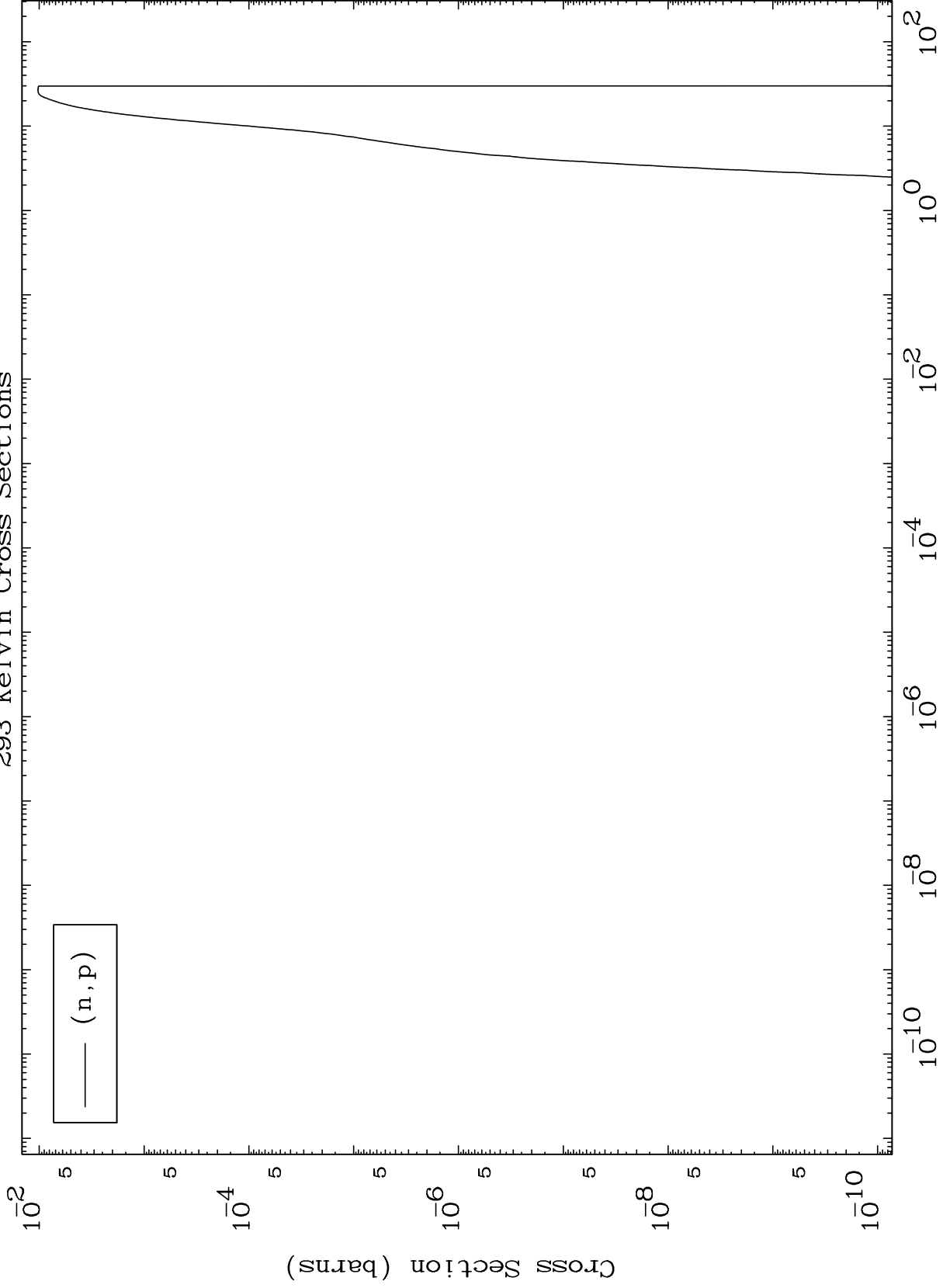
Incident Energy (MeV)

83-Bi-209

MAT 8325

(n,p) Levels  
293 Kelvin Cross Sections

83-Bi-209



(n,p)

10

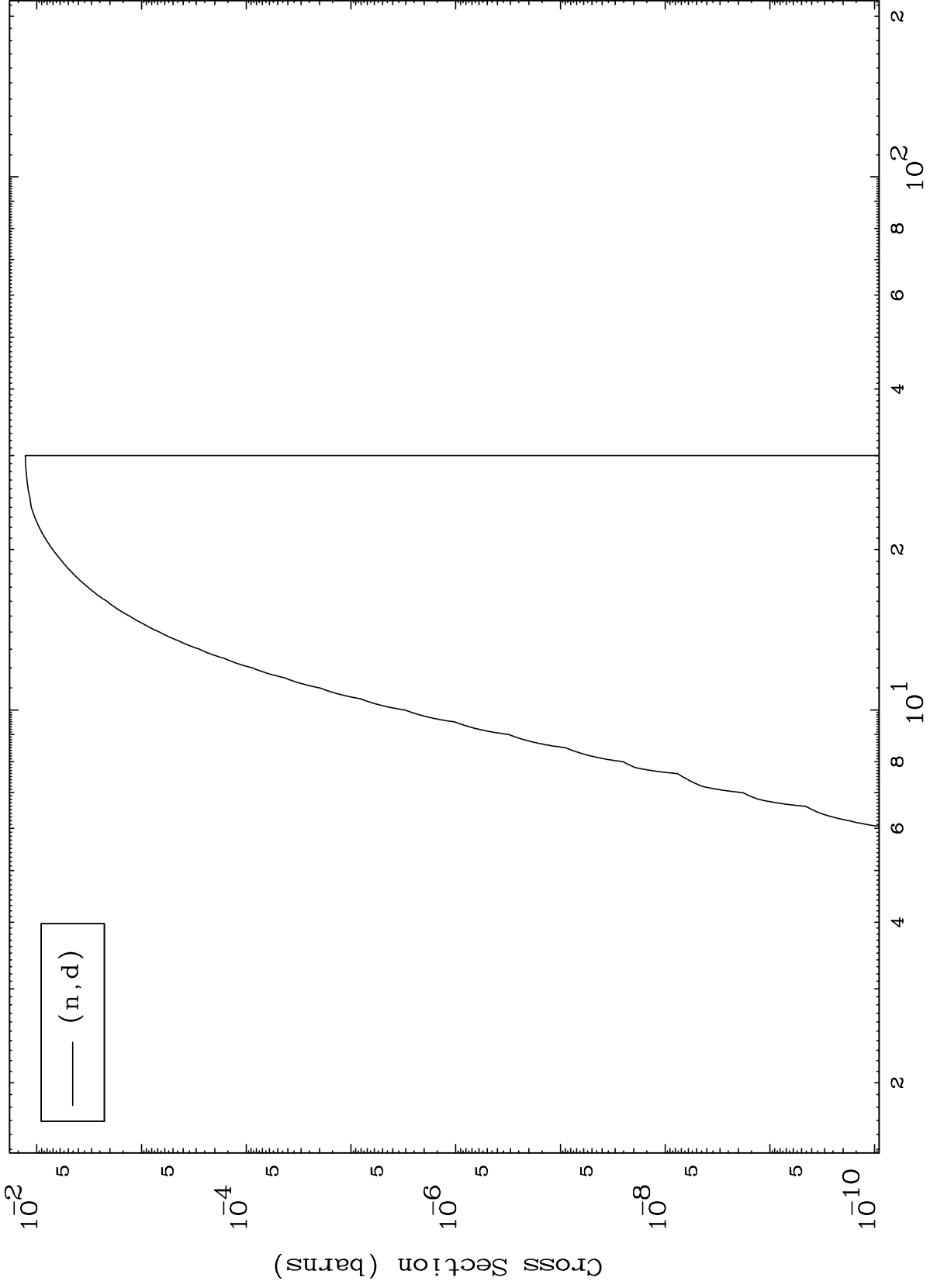
Incident Energy (MeV)

83-Bi-209

MAT 8325

(n,d) Levels  
293 Kelvin Cross Sections

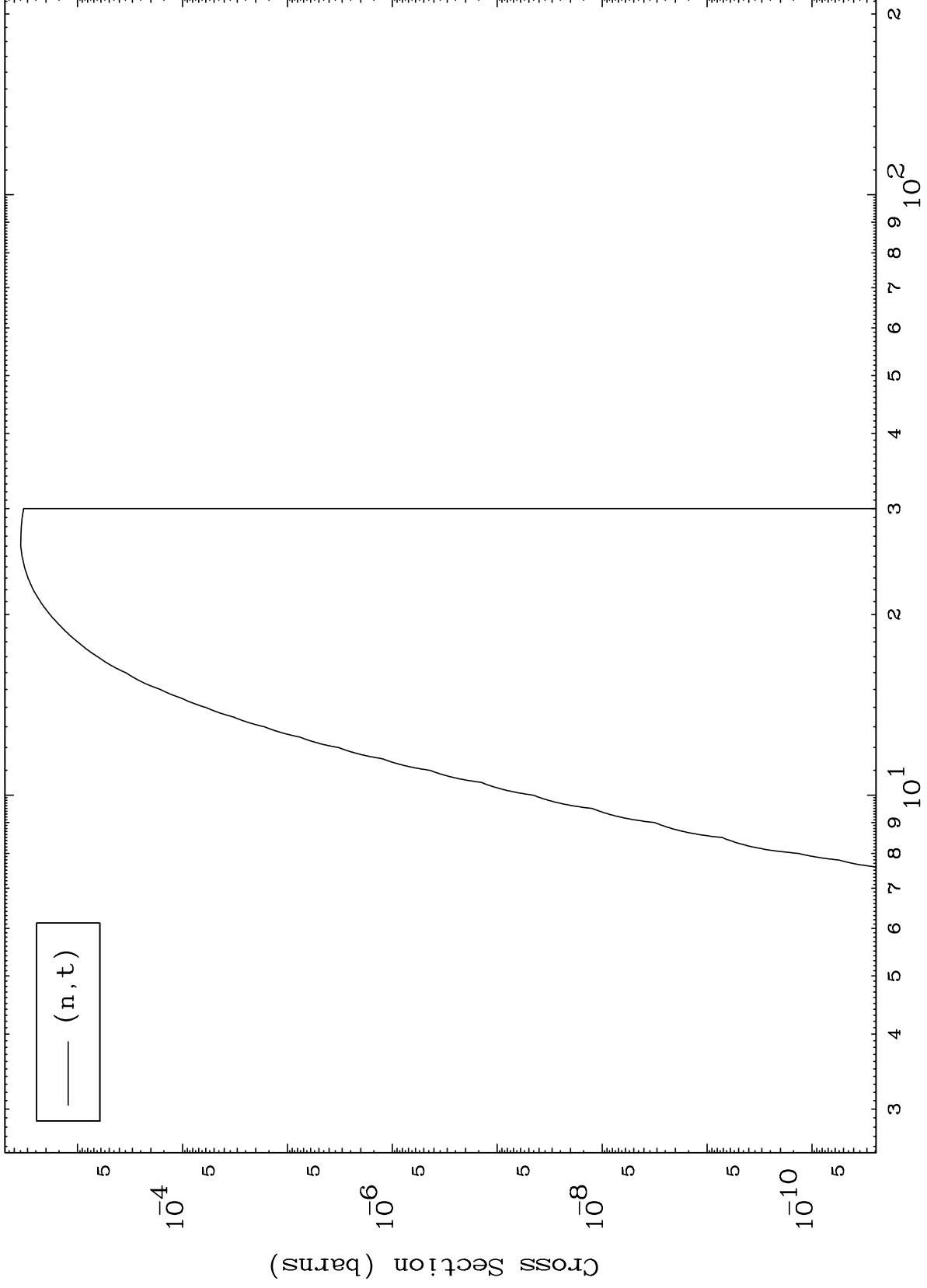
83-Bi-209



MAT 8325

(n,t) Levels  
293 Kelvin Cross Sections

83-Bi-209



12

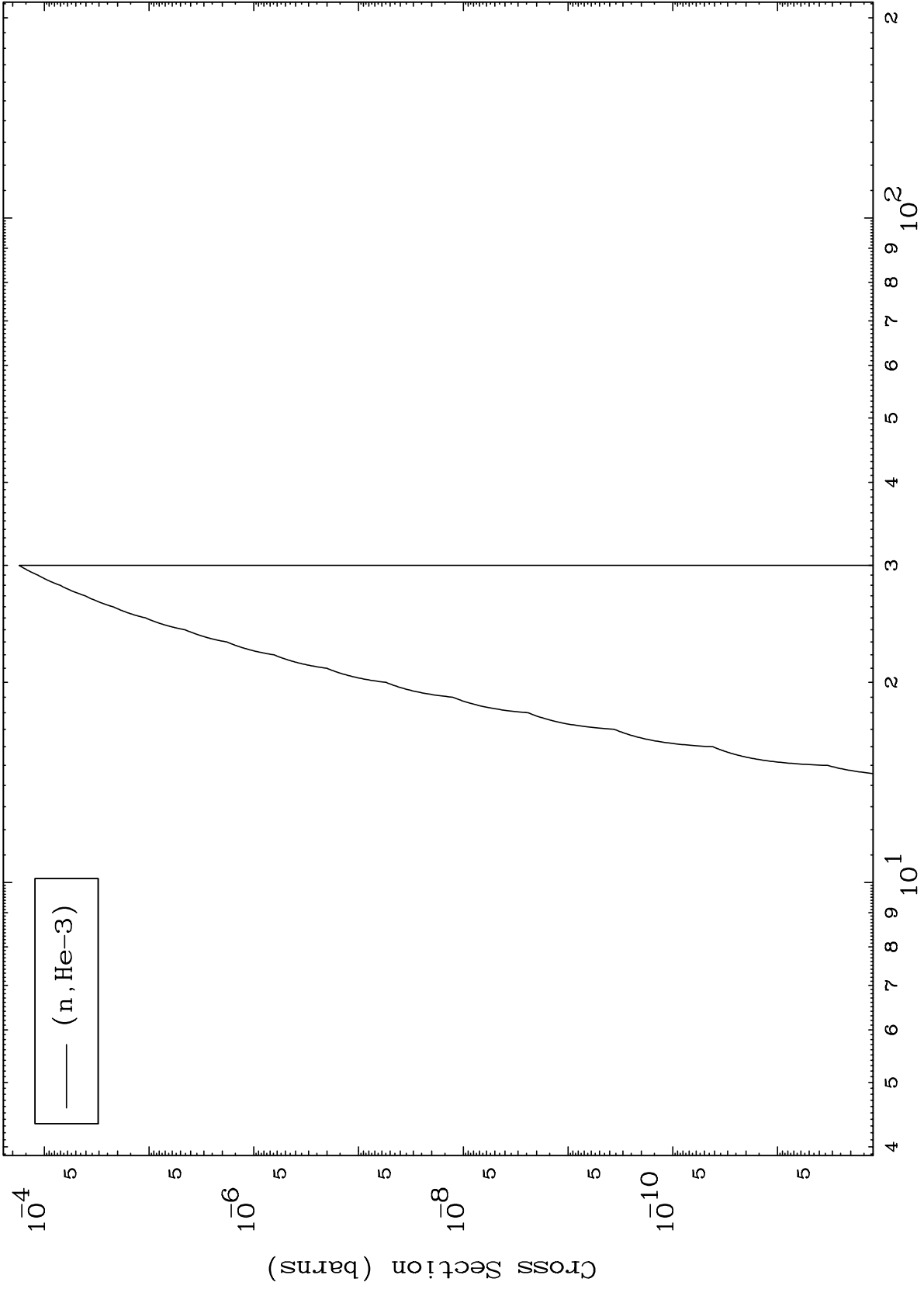
Incident Energy (MeV)

83-Bi-209

MAT 8325

(n,He3) Levels  
293 Kelvin Cross Sections

83-Bi-209



13

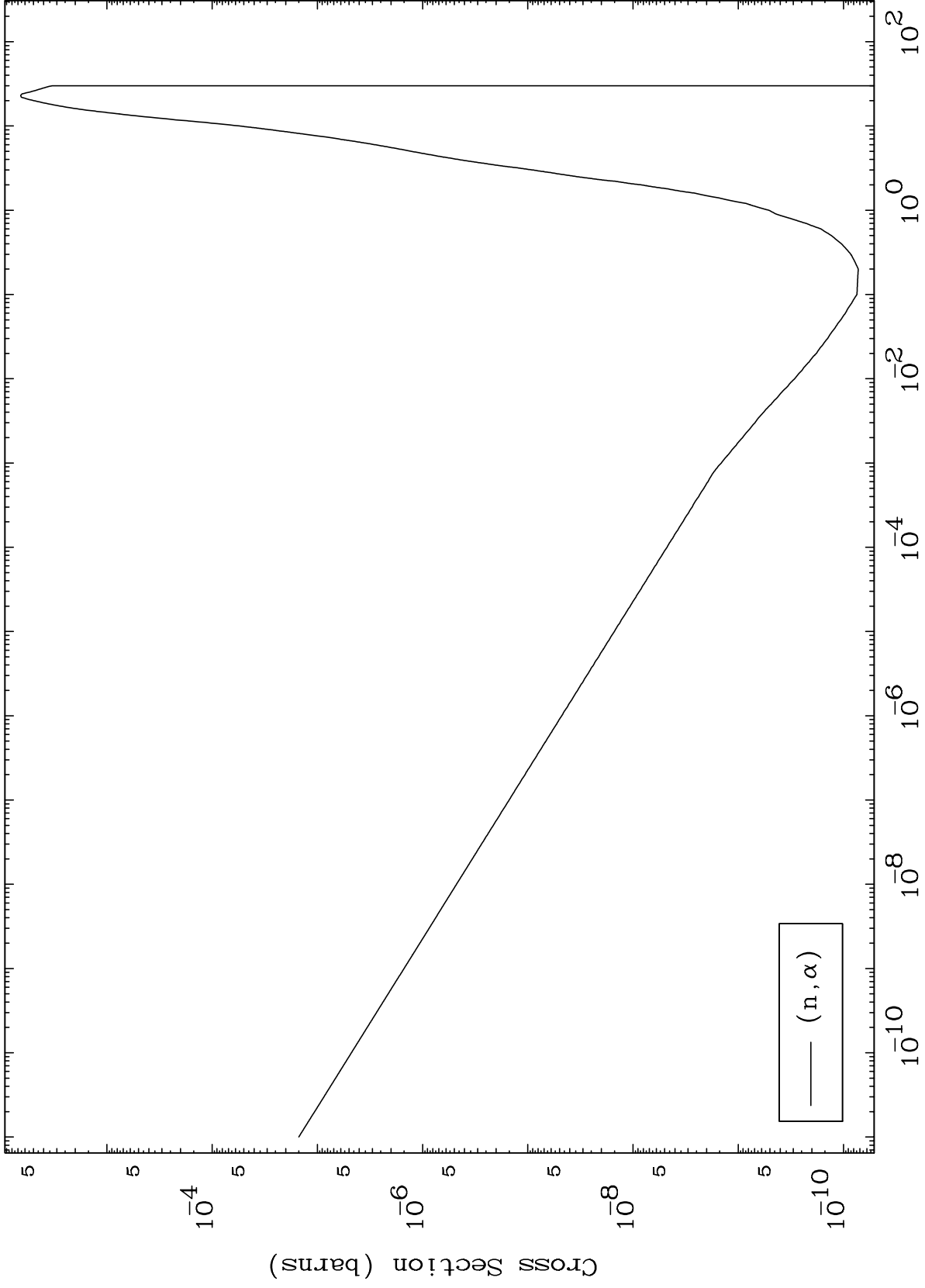
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83-Bi-209

MAT 8325

(n,α) Levels  
293 Kelvin Cross Sections

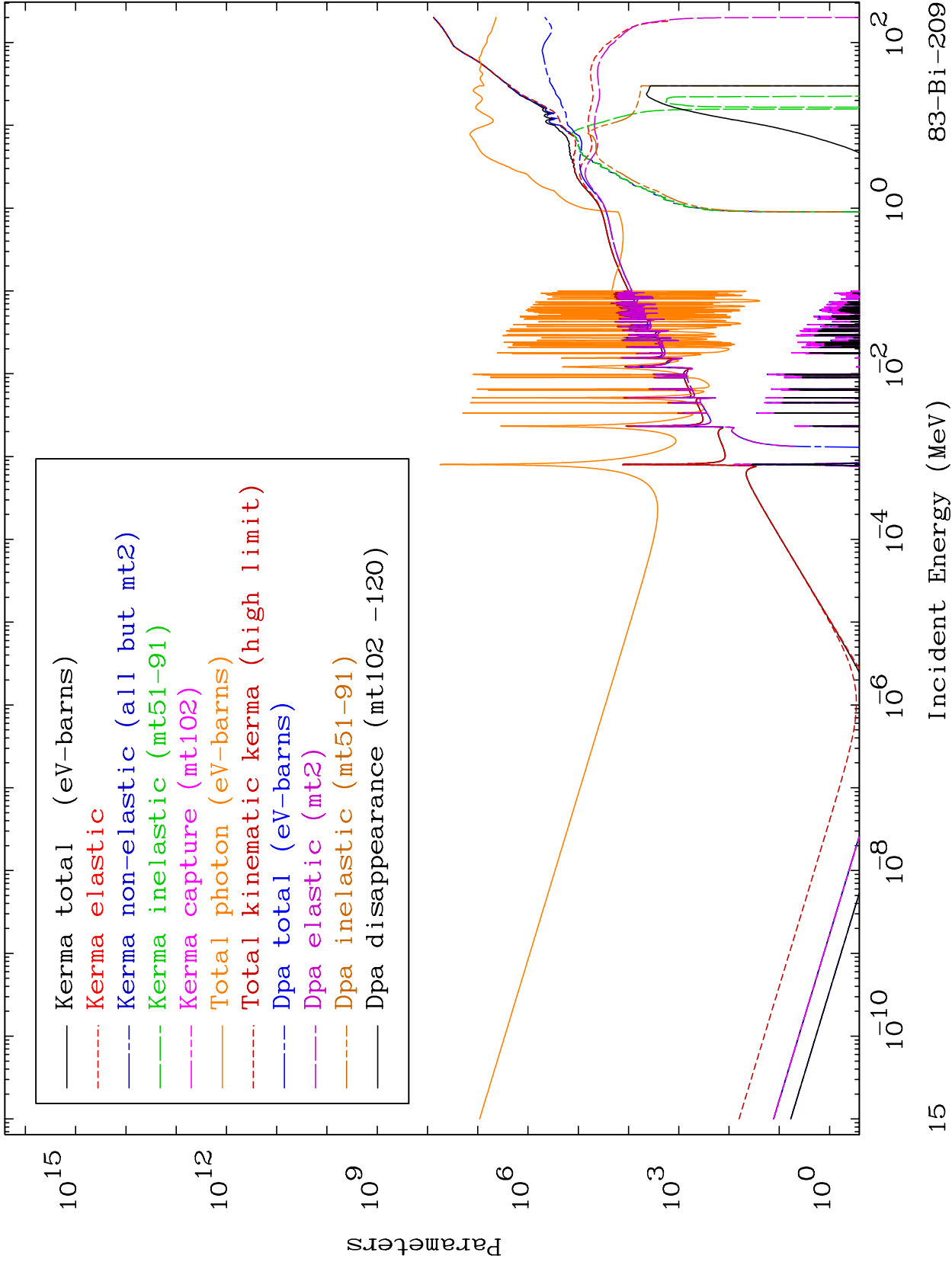
83-Bi-209



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Incident Energy (MeV)

83-Bi-209

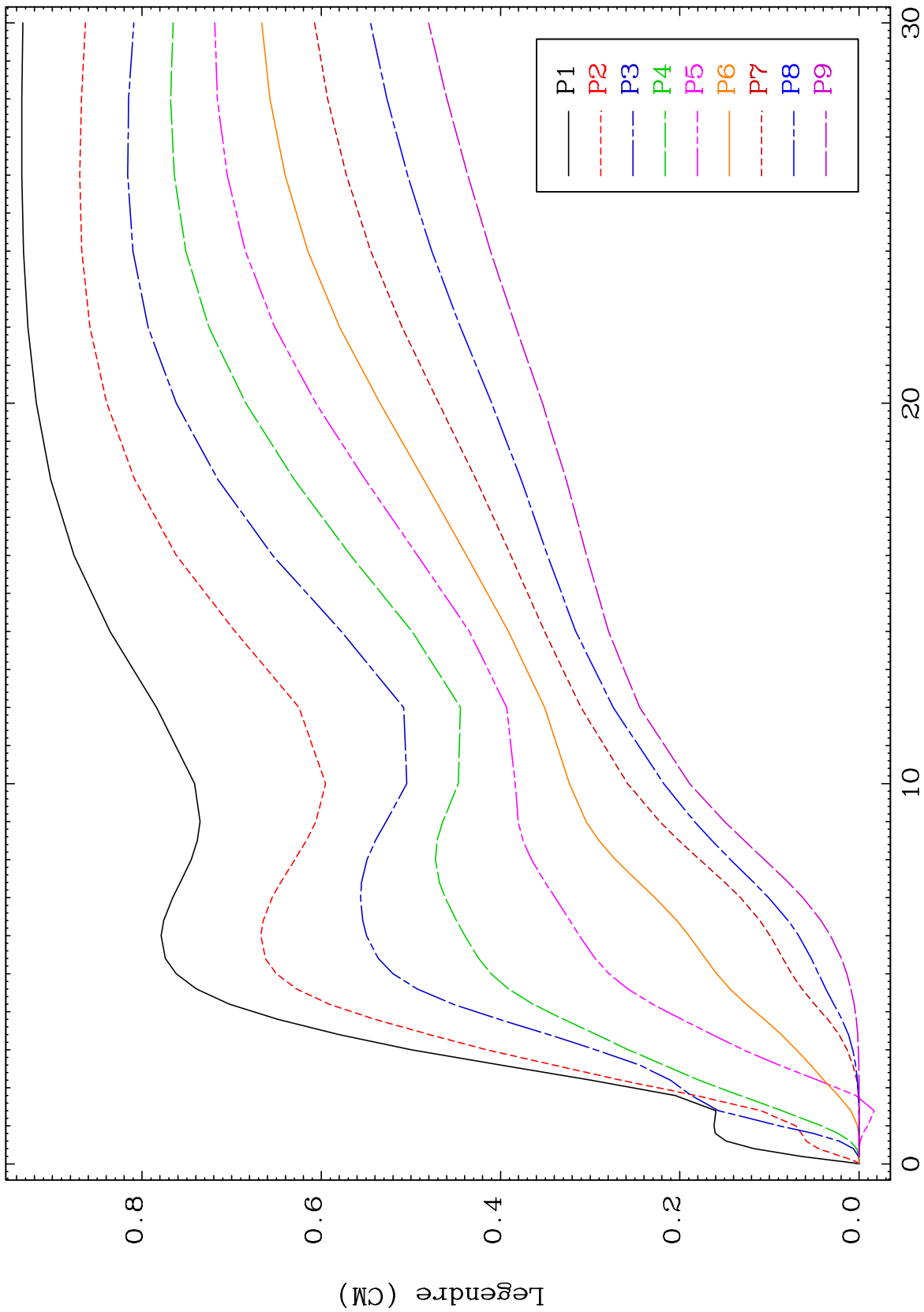




MAT 8325

83-Bi-209

Elastic Legendre Coefficients



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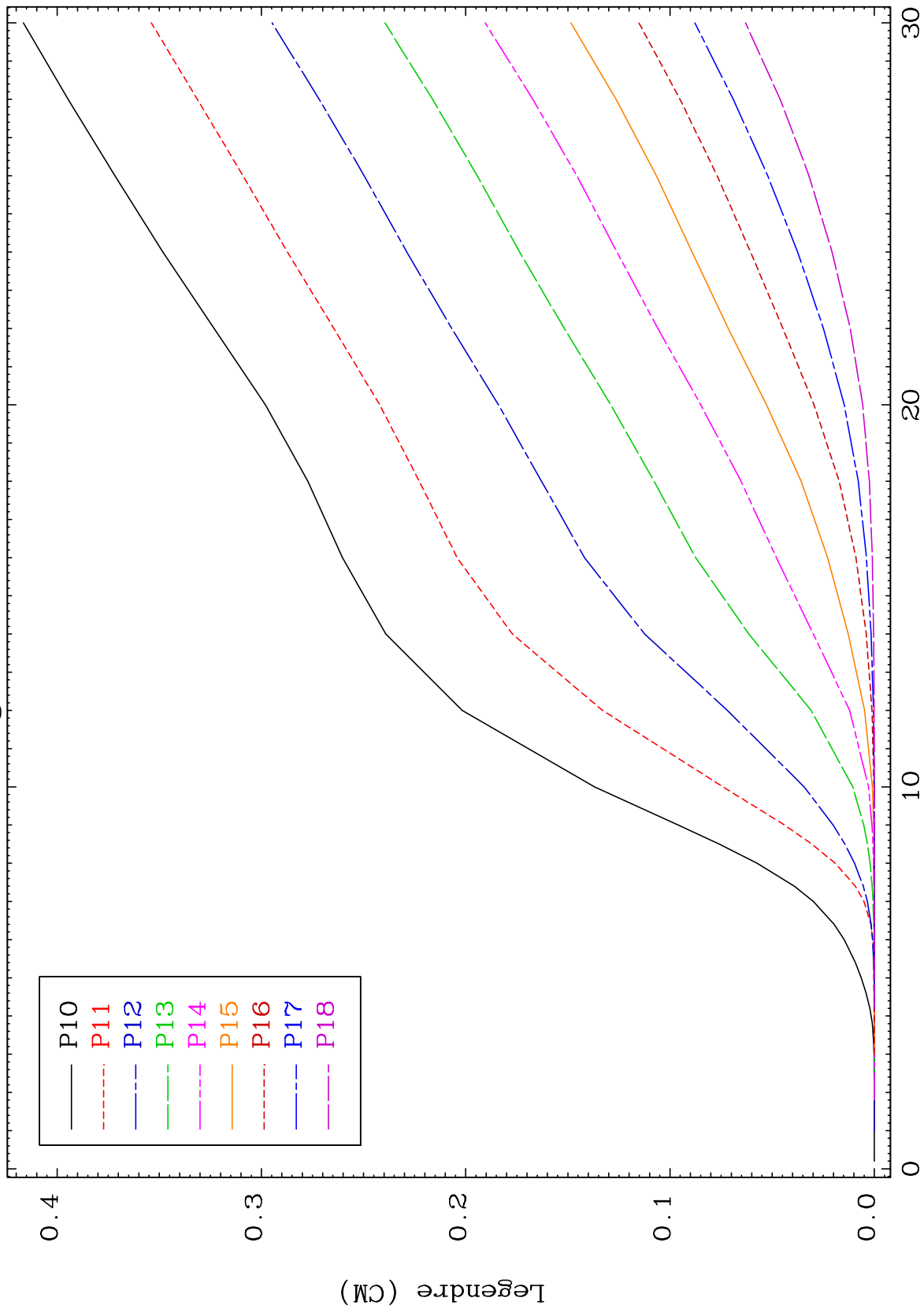
Incident Energy (MeV)

83-Bi-209

MAT 8325

Elastic Legendre Coefficients

83-Bi-209



17

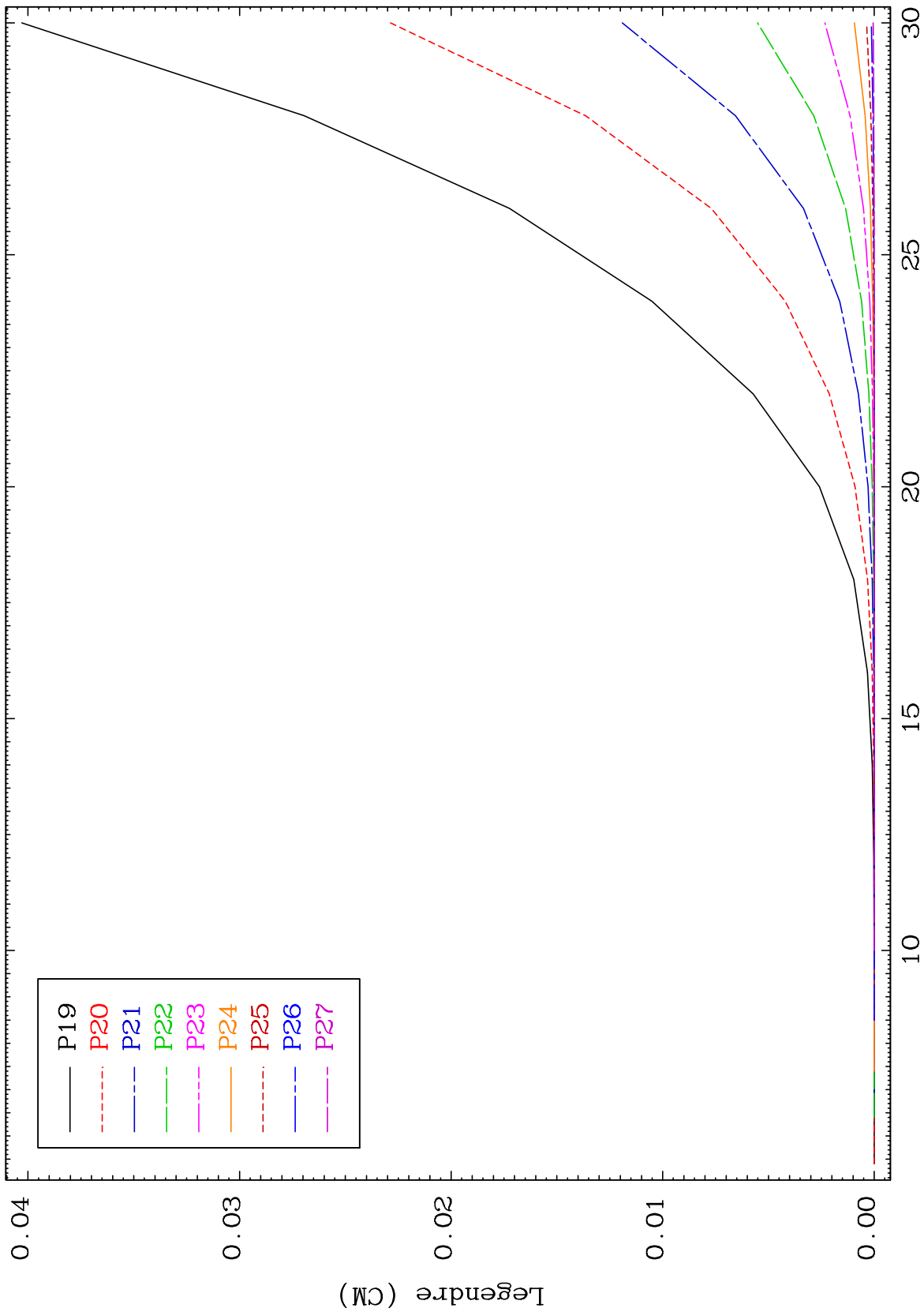
Incident Energy (MeV)

83-Bi-209

MAT 8325

### Elastic Legendre Coefficients

83-Bi-209



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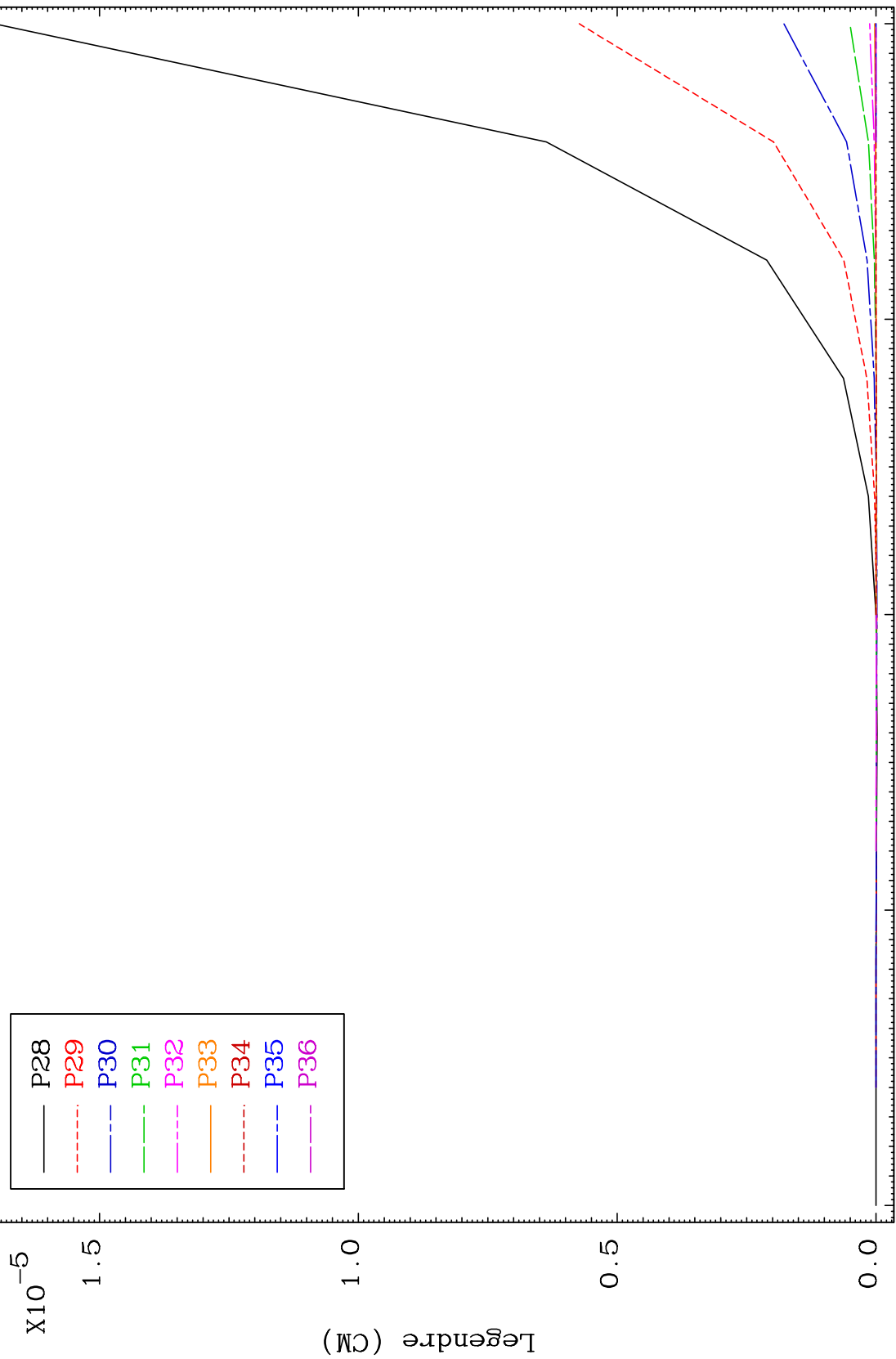
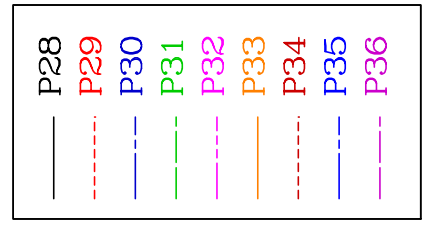
Incident Energy (MeV)

83-Bi-209

MAT 8325

Elastic Legendre Coefficients

83-Bi-209



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Incident Energy (MeV)

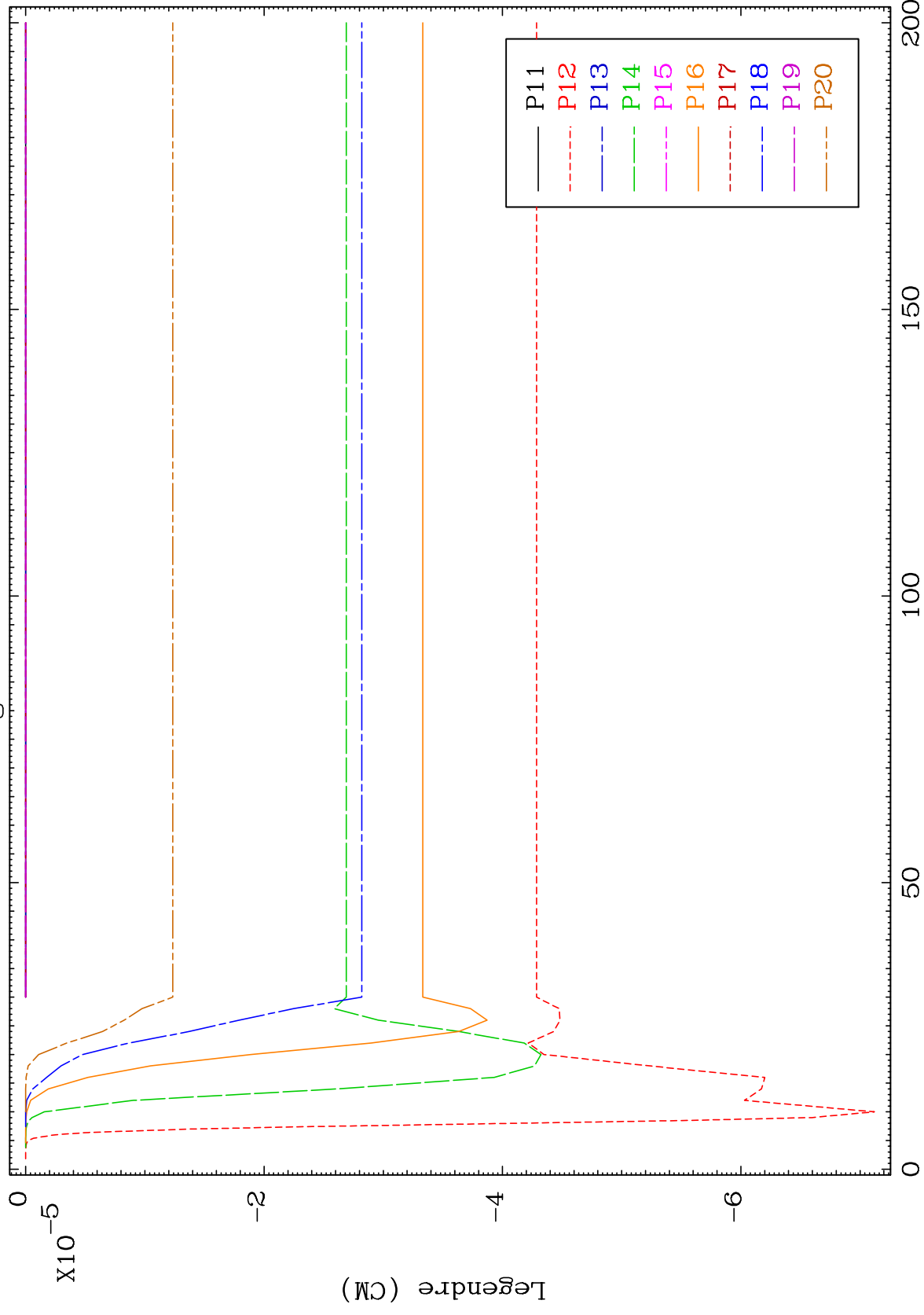
83-Bi-209



MAT 8325

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

83-Bi-209



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Incident Energy (MeV)

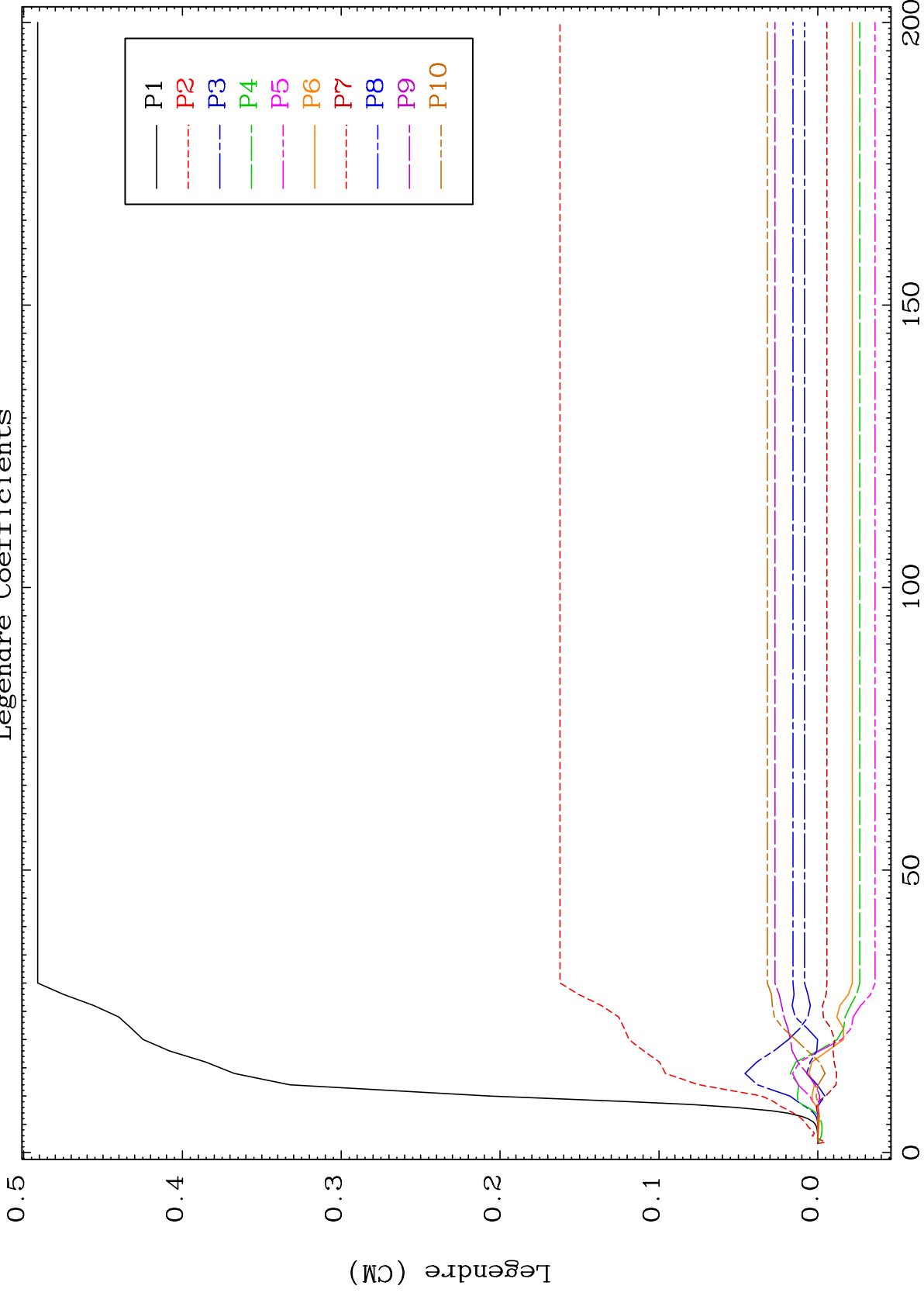
83-Bi-209



MAT 8325

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

83-Bi-209



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Incident Energy (MeV)

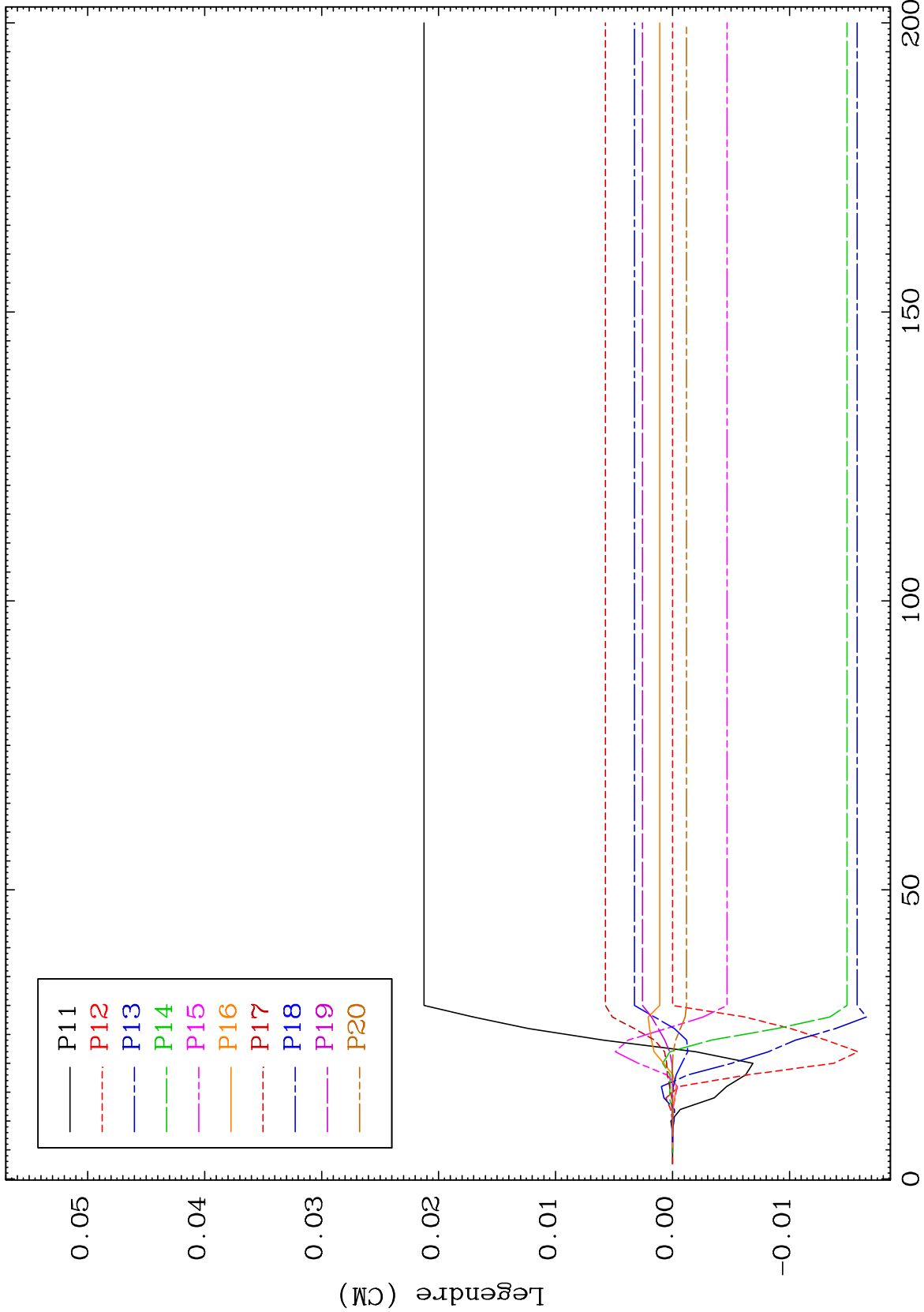
83-Bi-209



MAT 8325

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

83-Bi-209



24

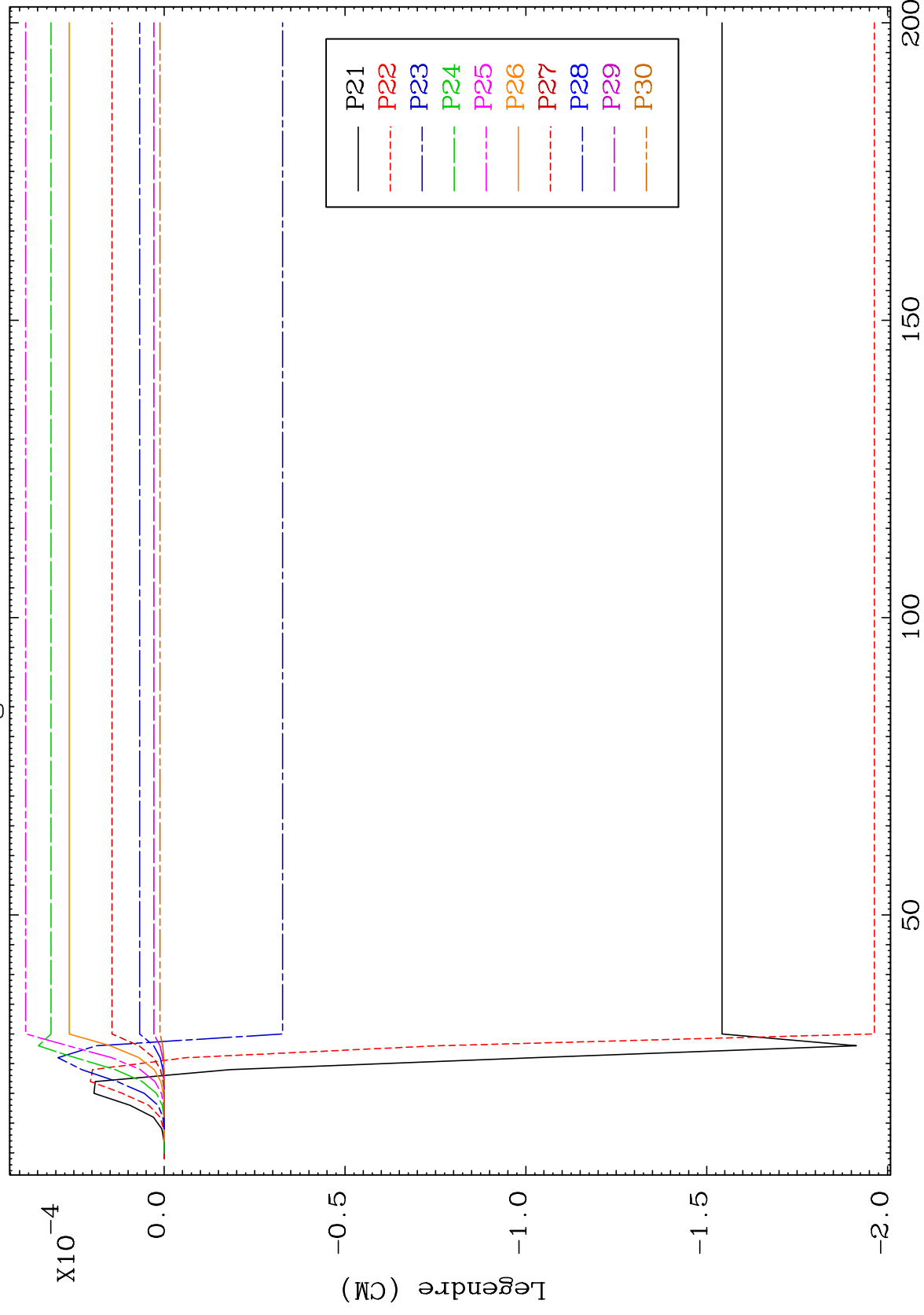
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

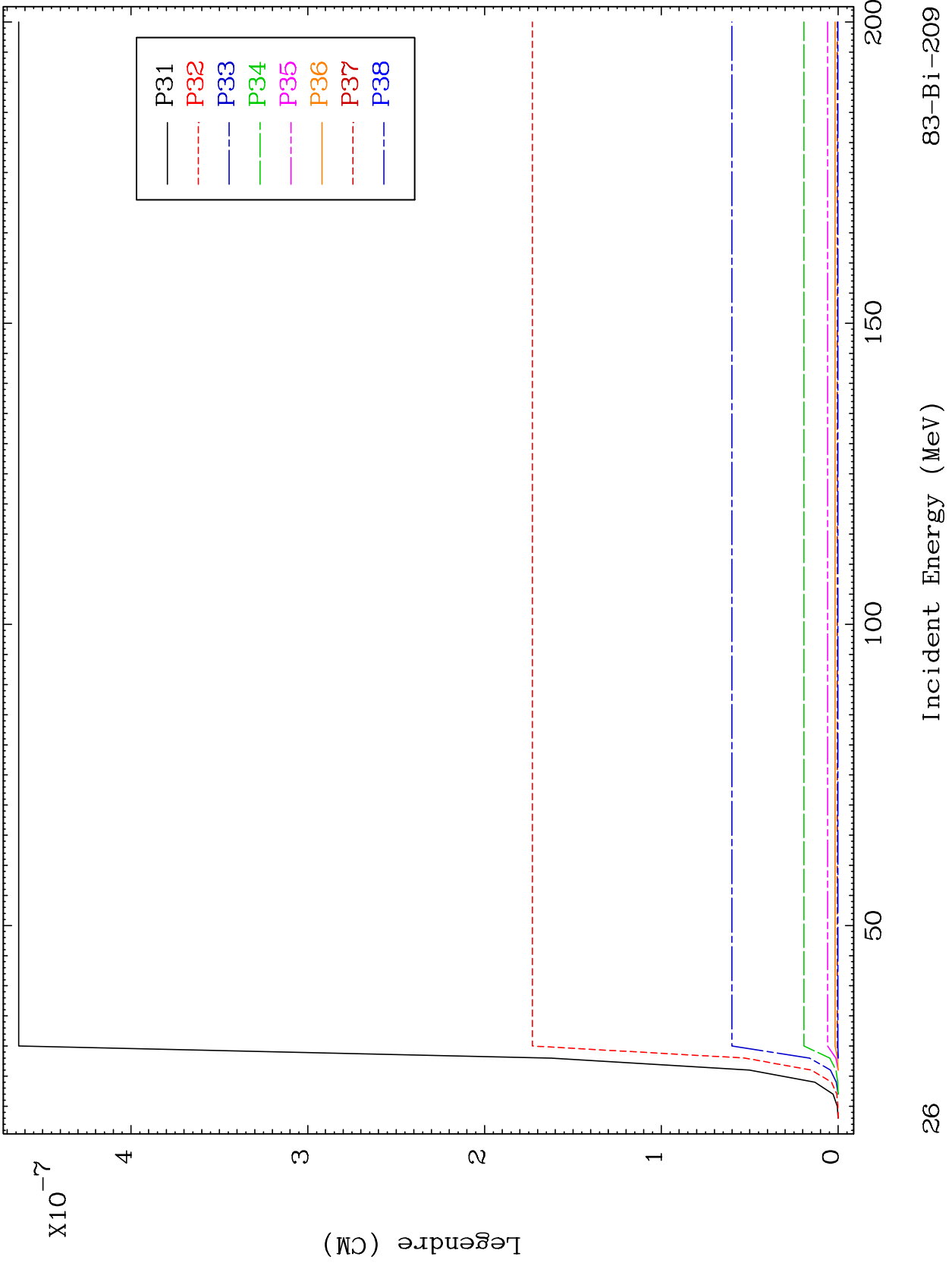
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25

Incident Energy (MeV)

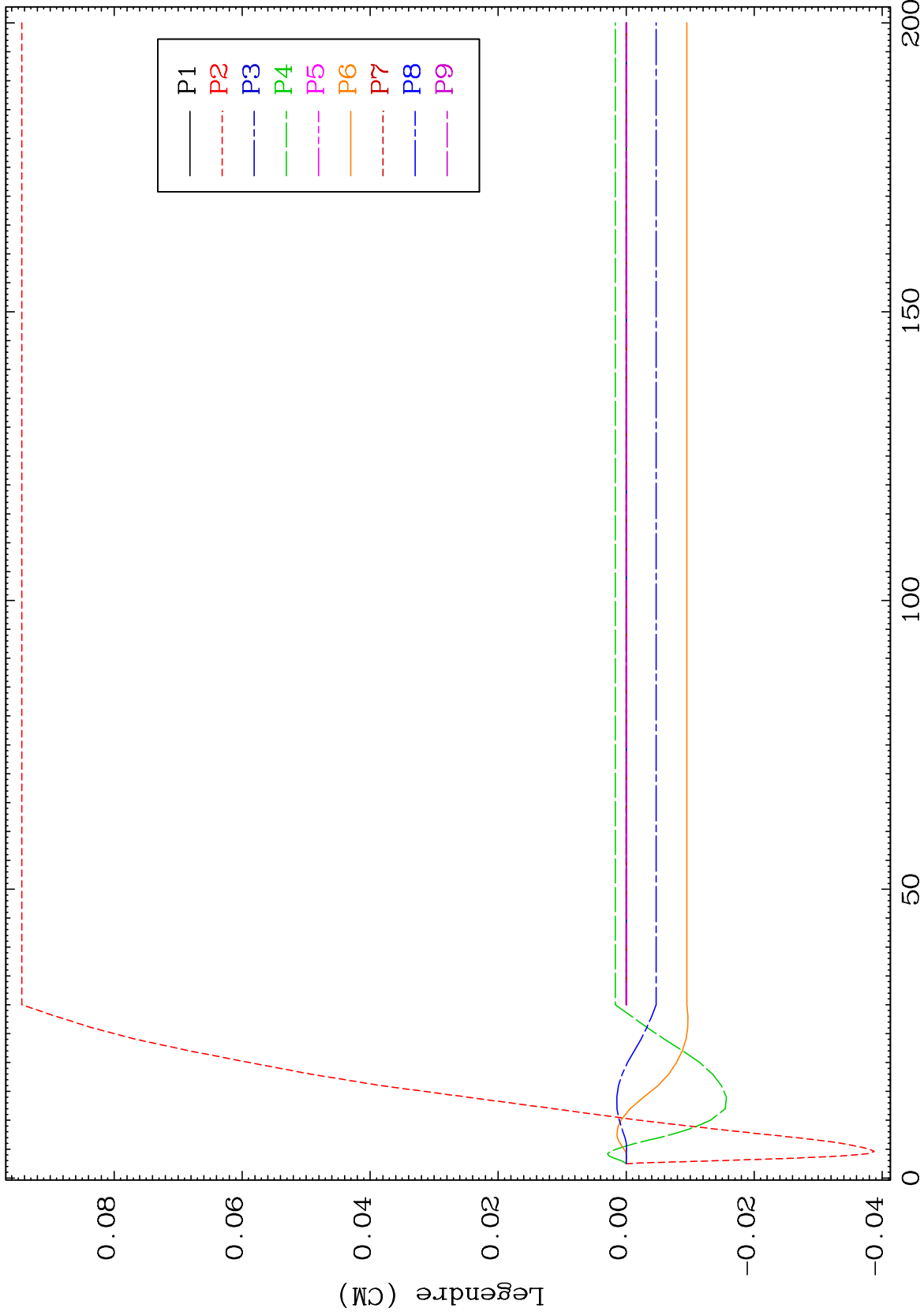
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MAT 8325

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

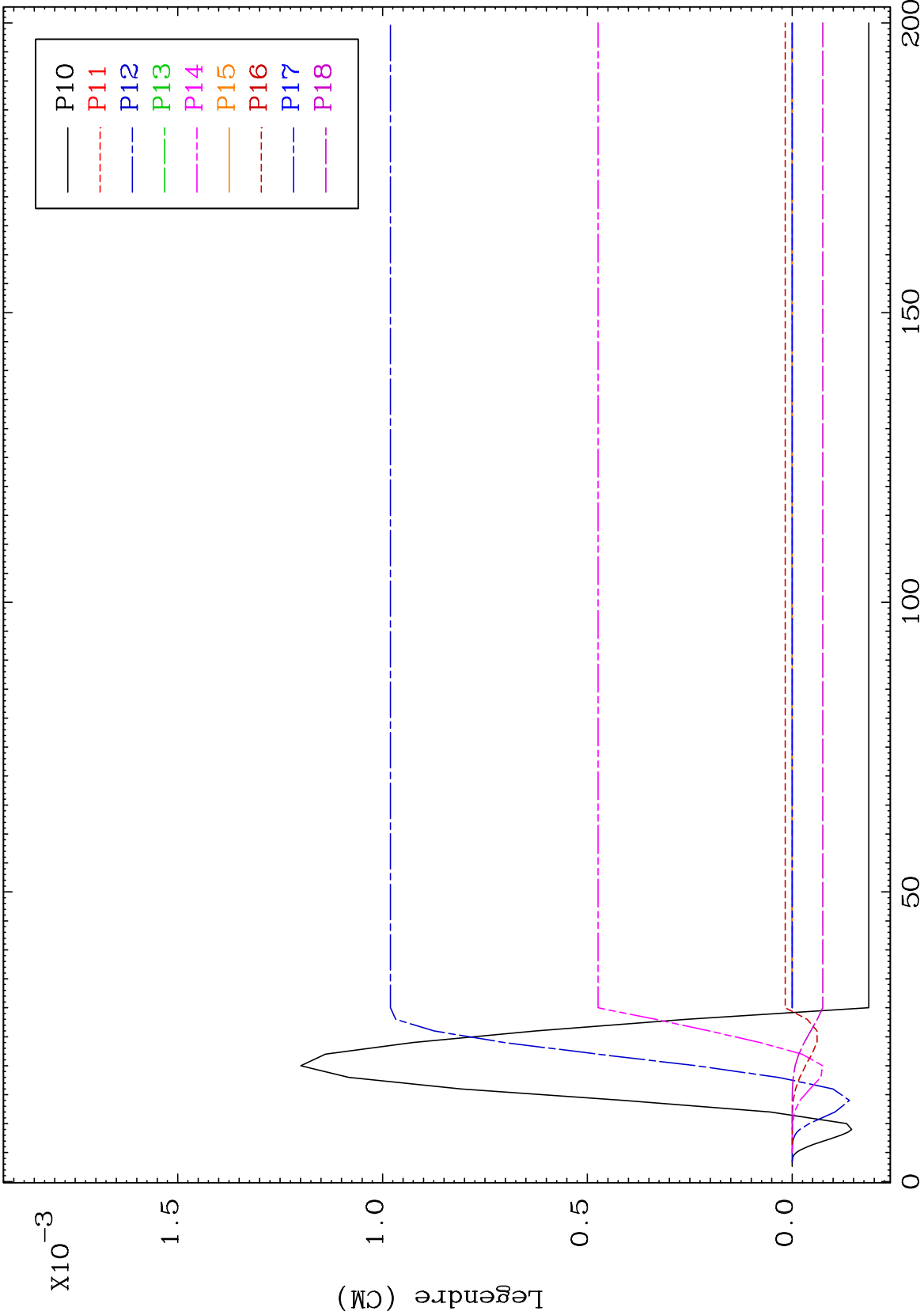
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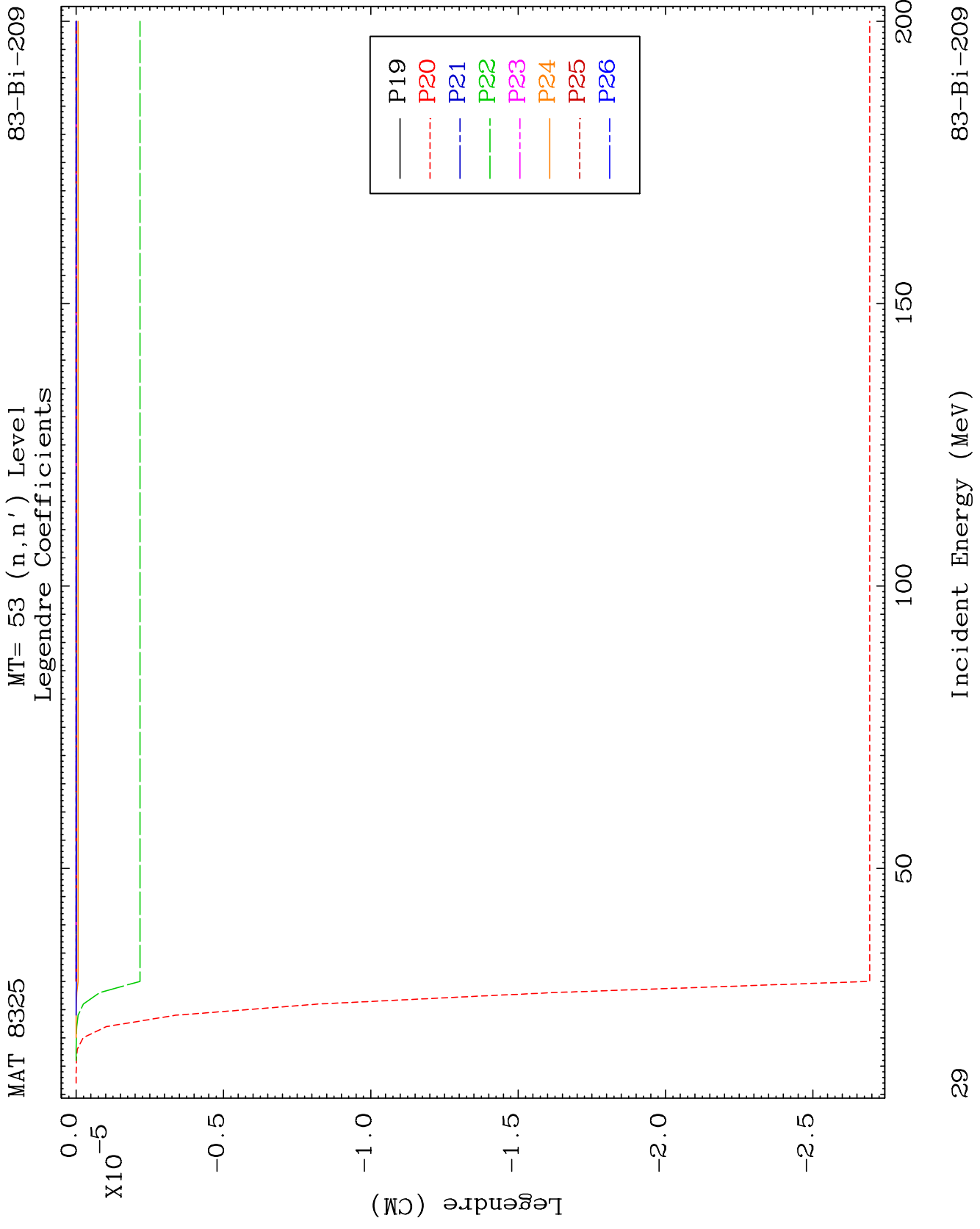


27

Incident Energy (MeV)

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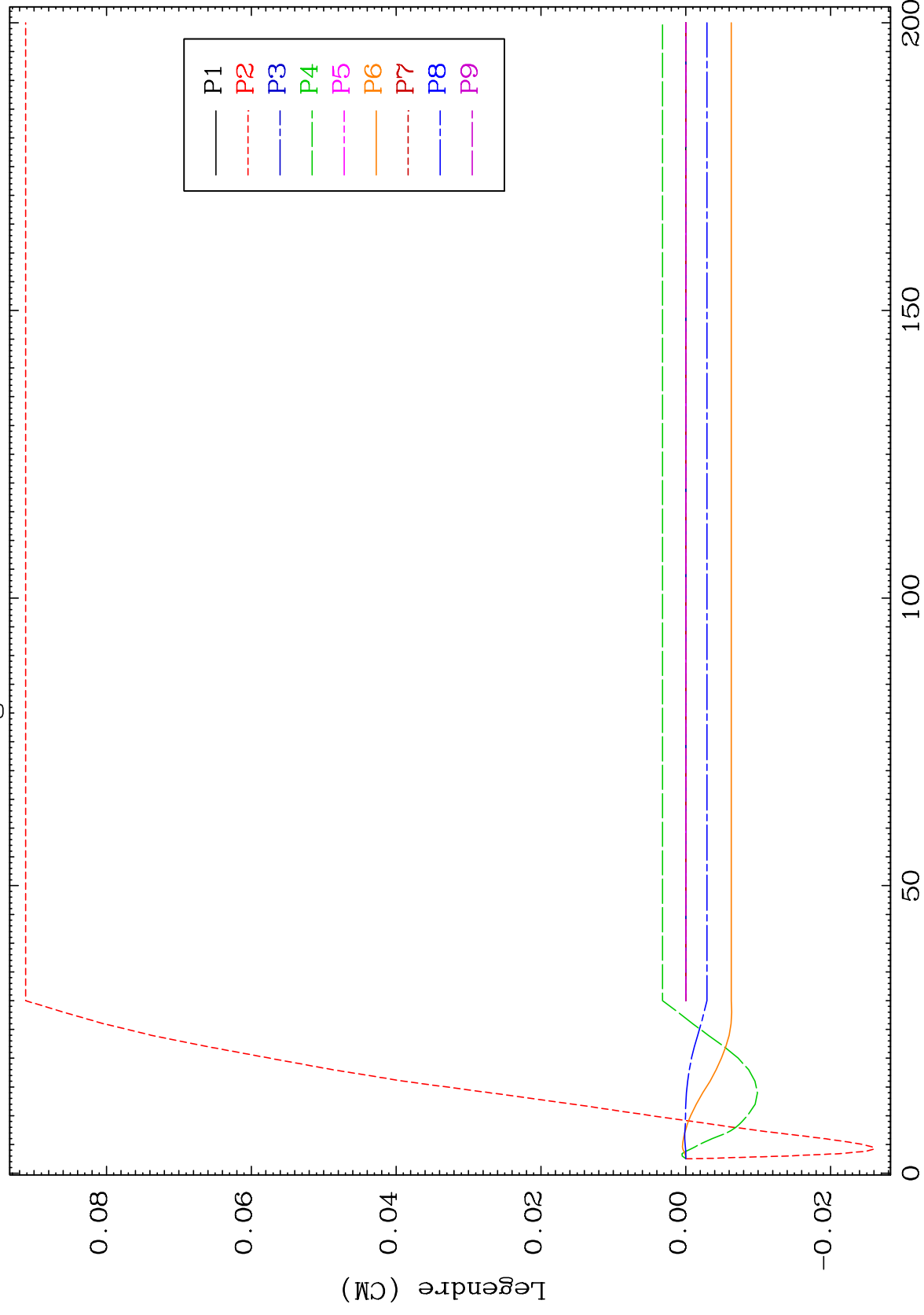




MAT 8325

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

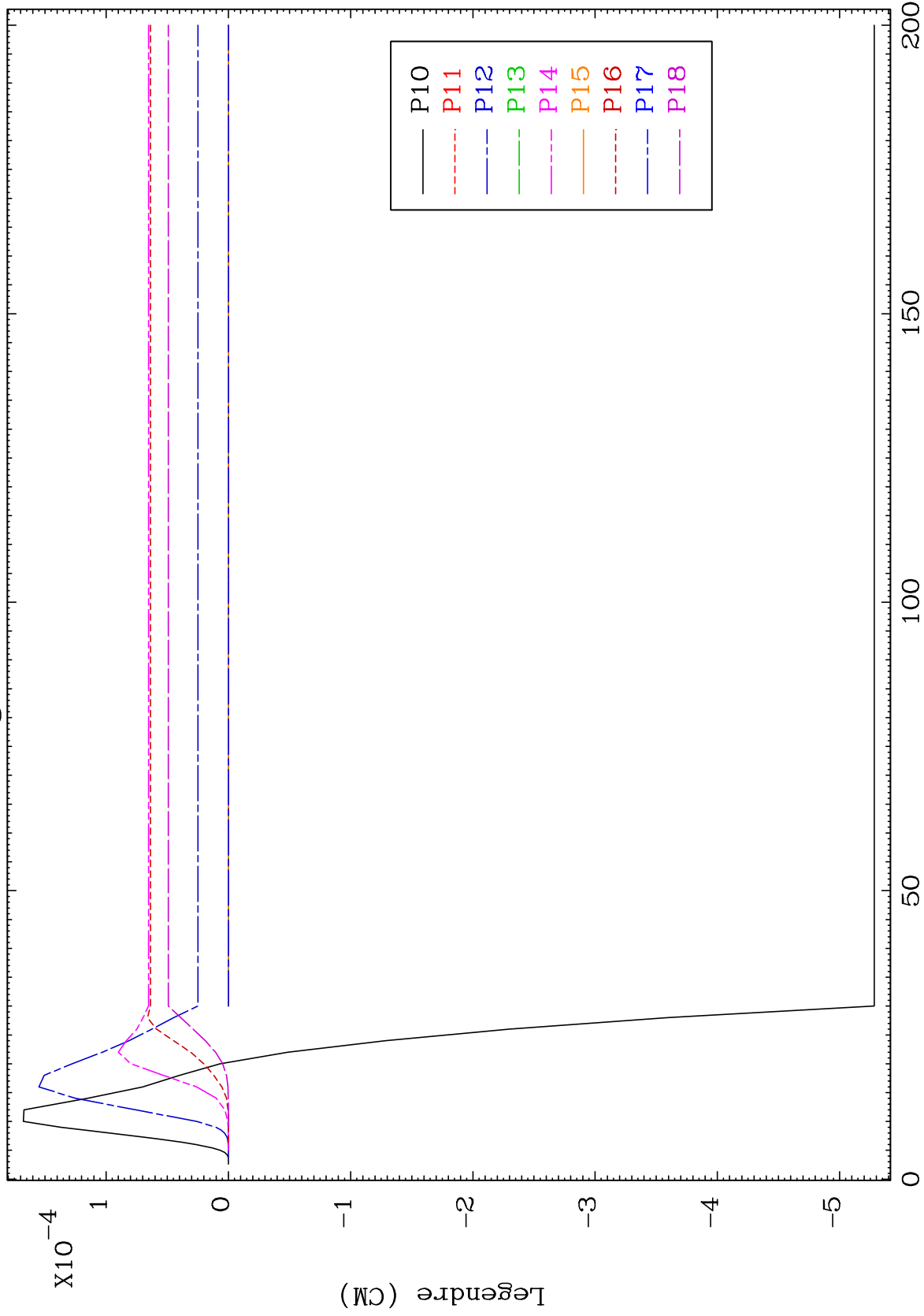
83-Bi-209



83-Bi-209

Incident Energy (MeV)

30

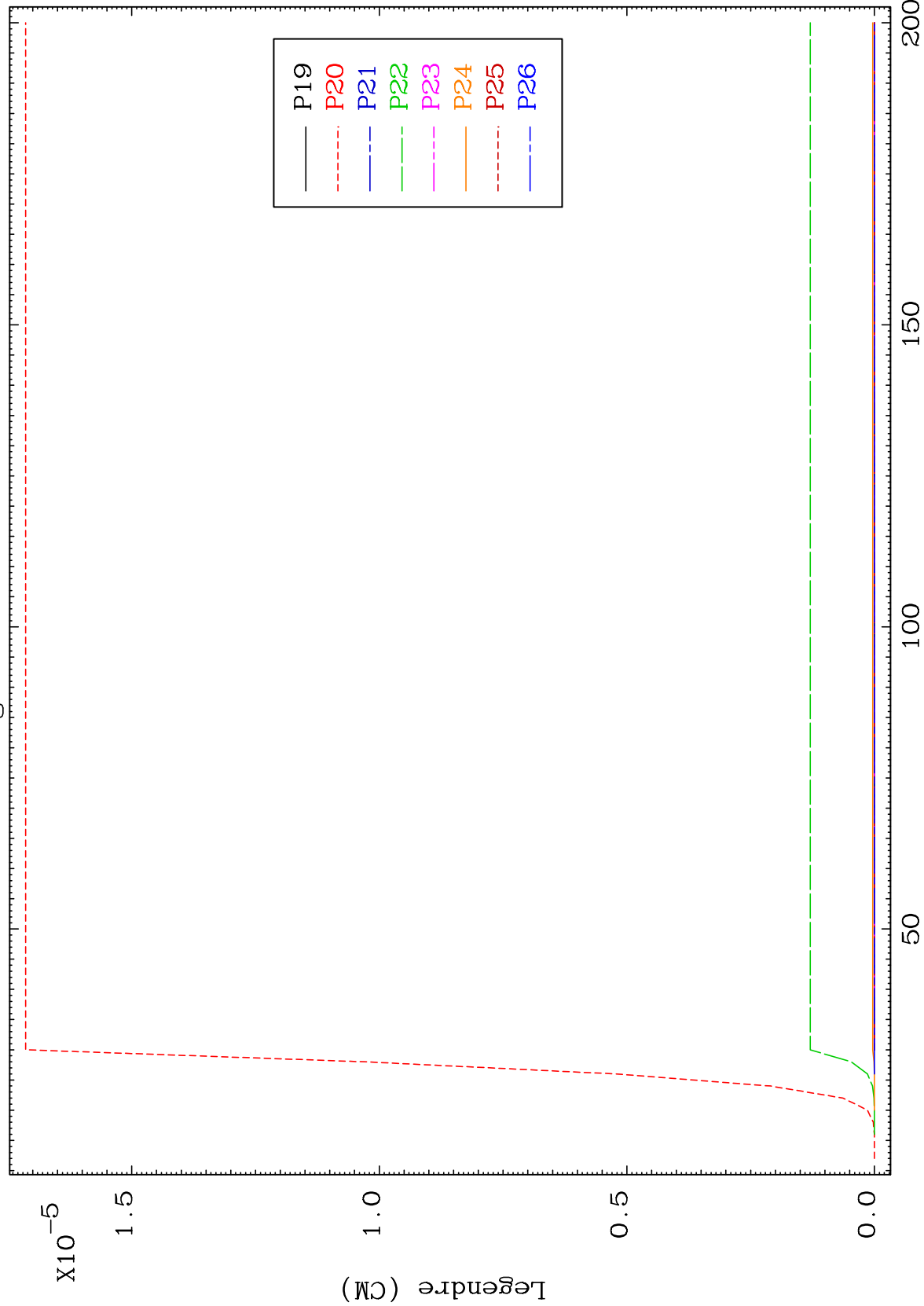




MAT 8325

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

83-Bi-209



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Incident Energy (MeV)

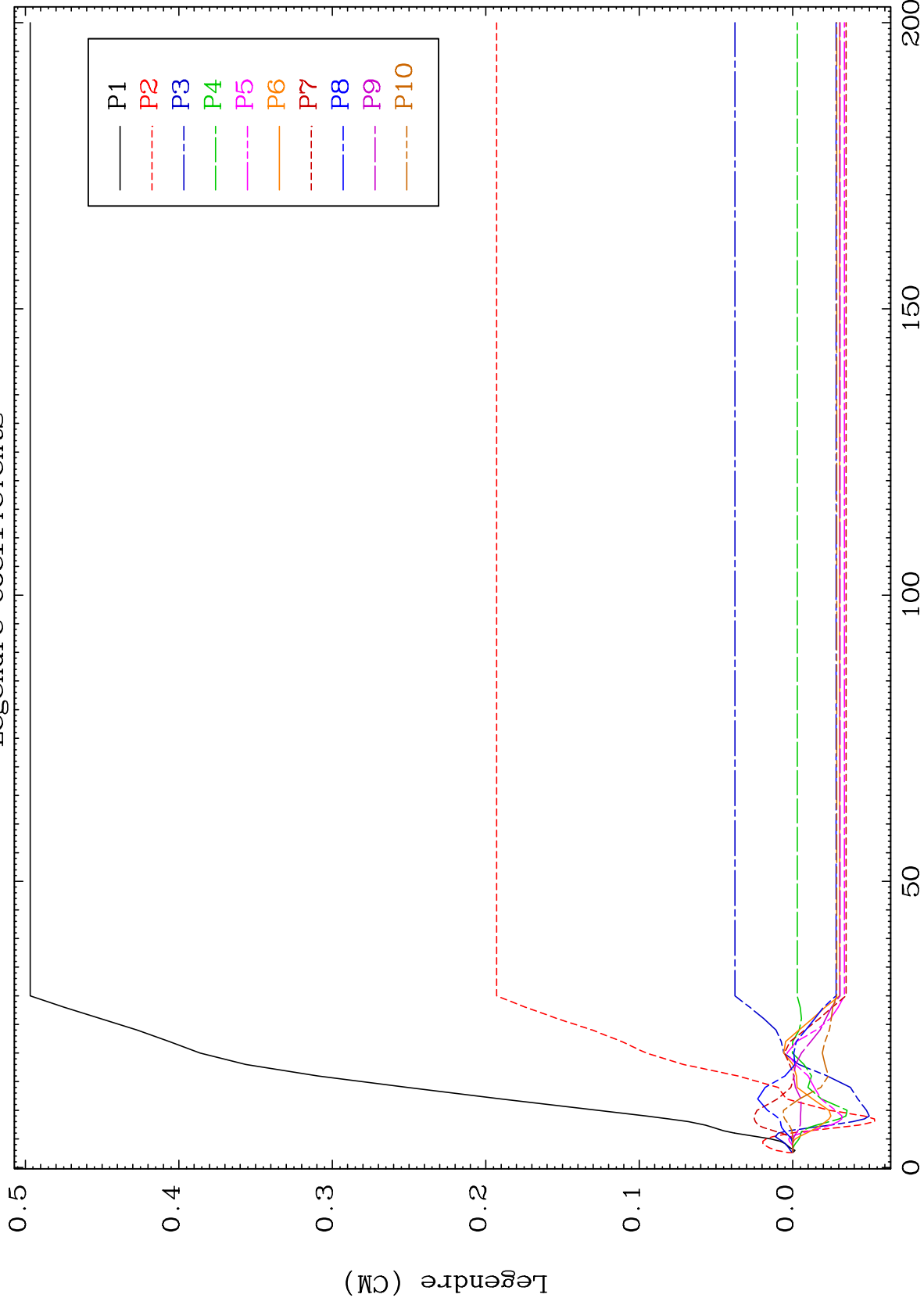
83-Bi-209

MAT 8325

MT= 55 (n,n') Level

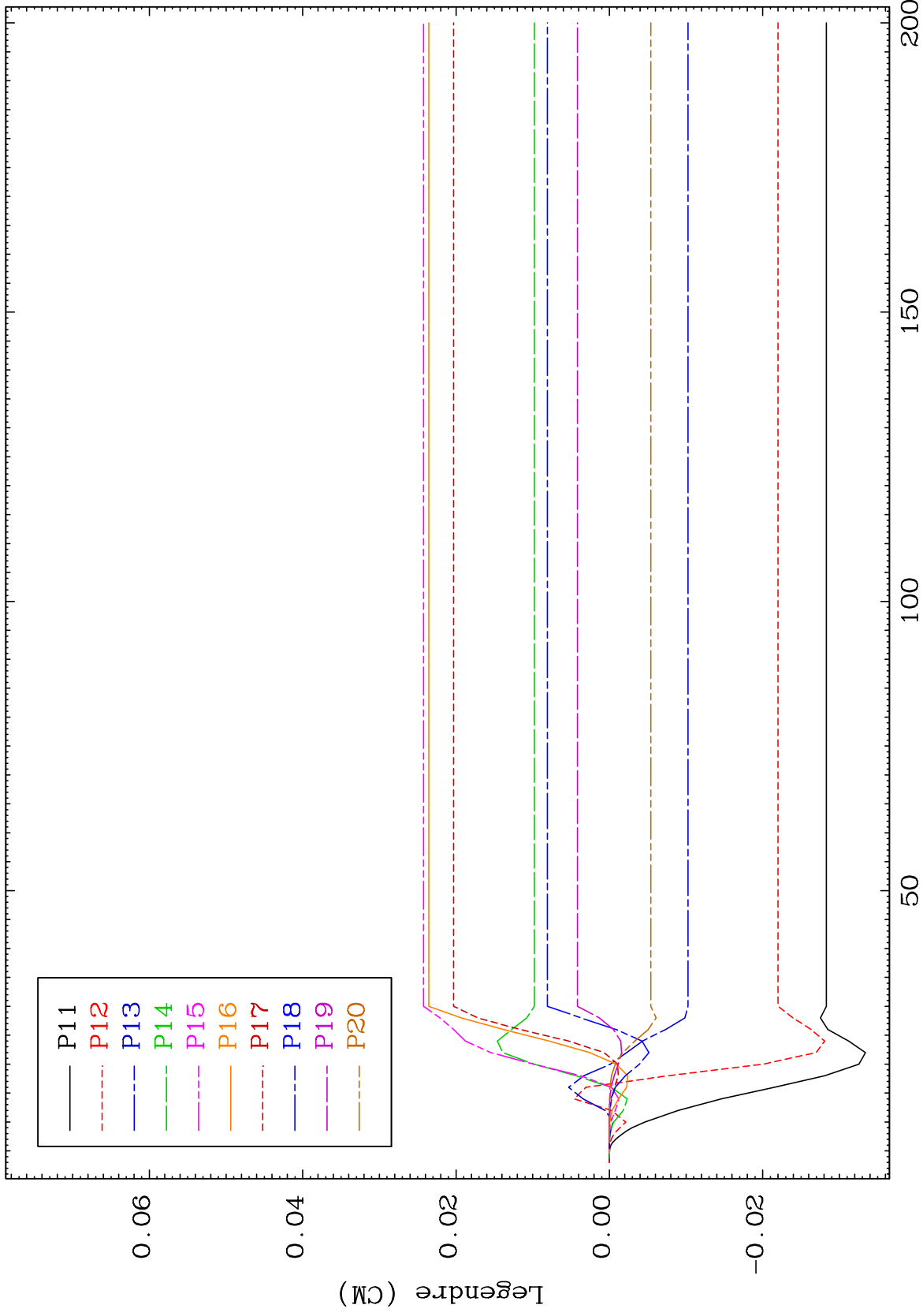
83-Bi-209

Legendre Coefficients



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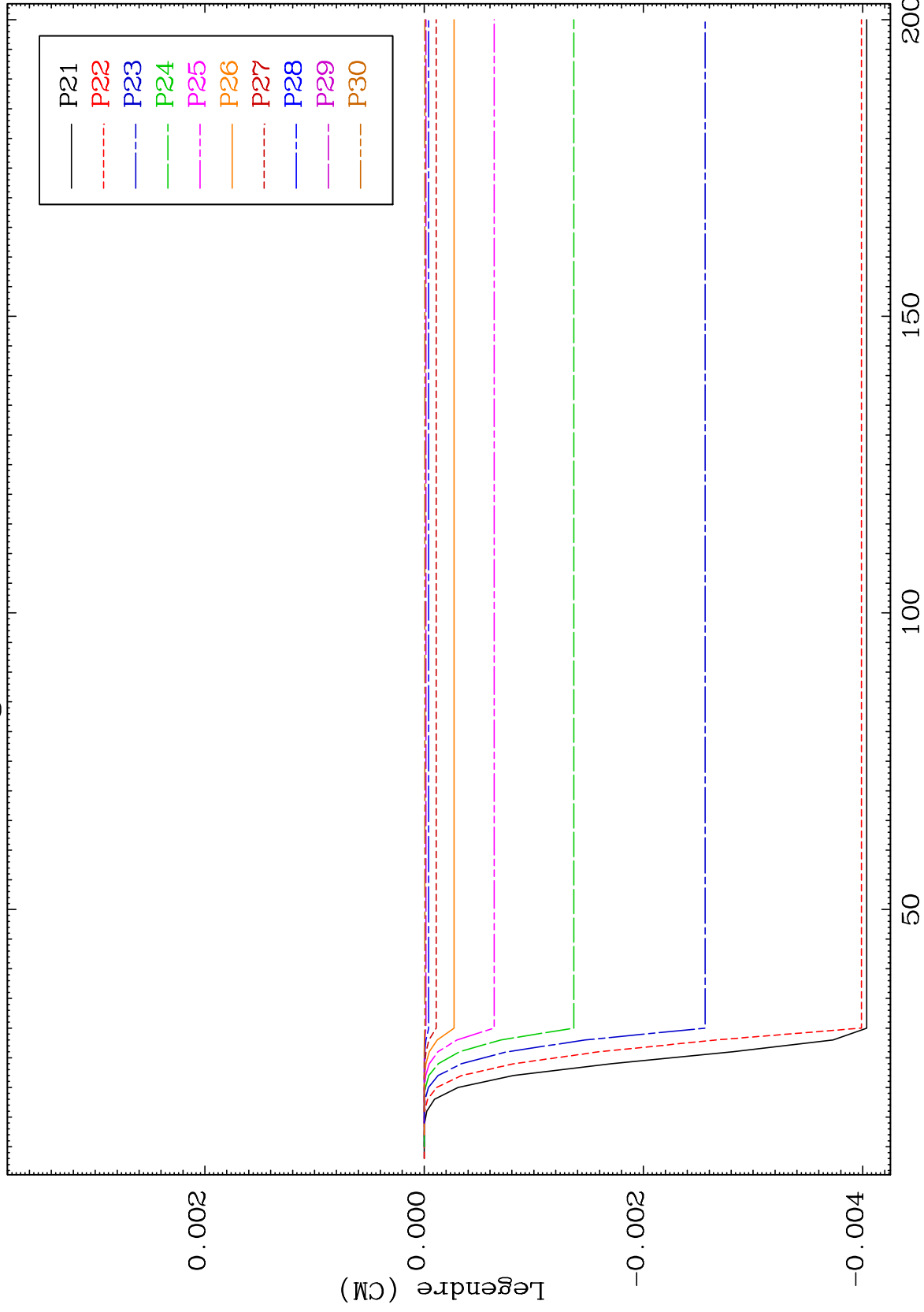
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MAT 8325

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

83-Bi-209



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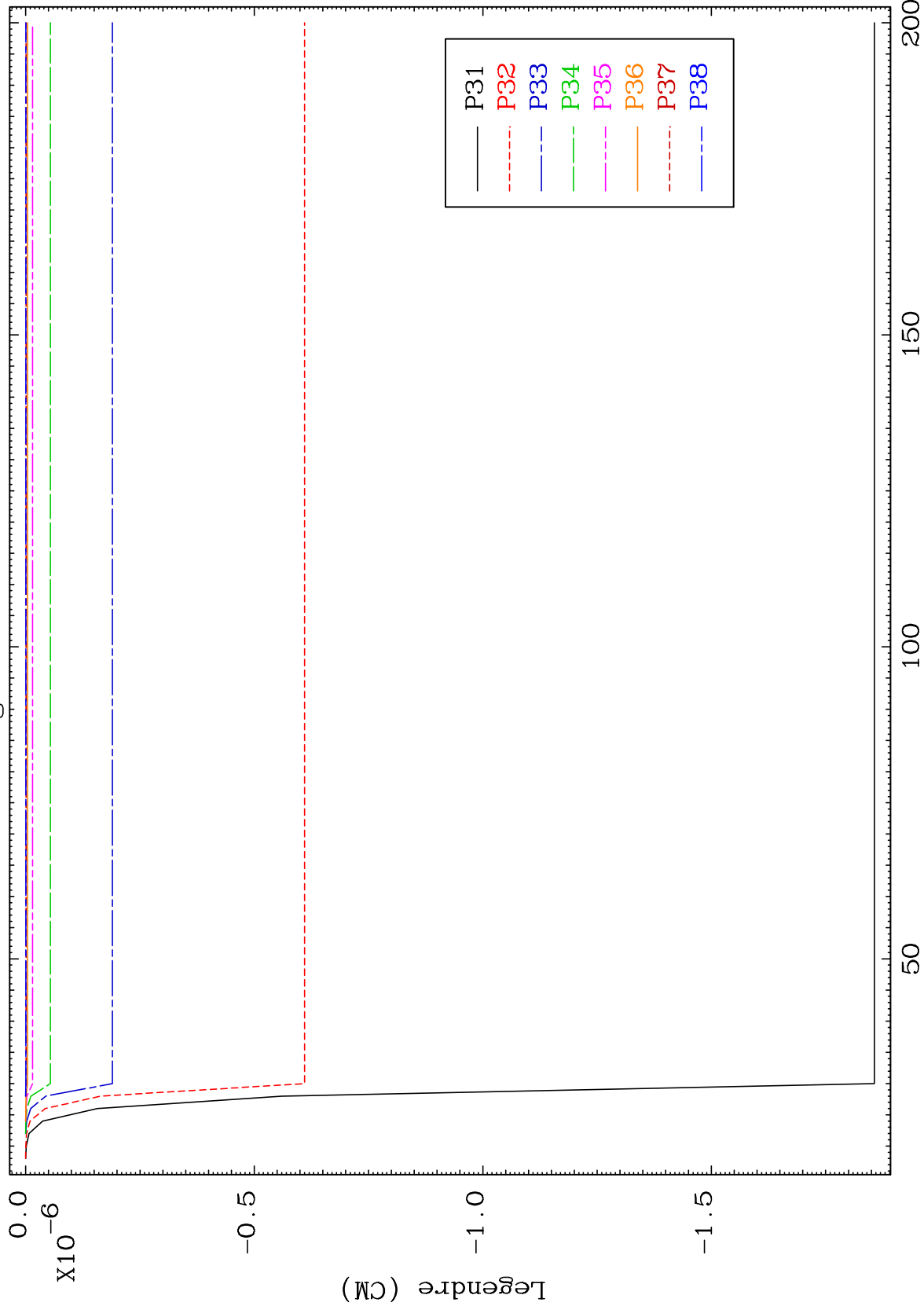
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

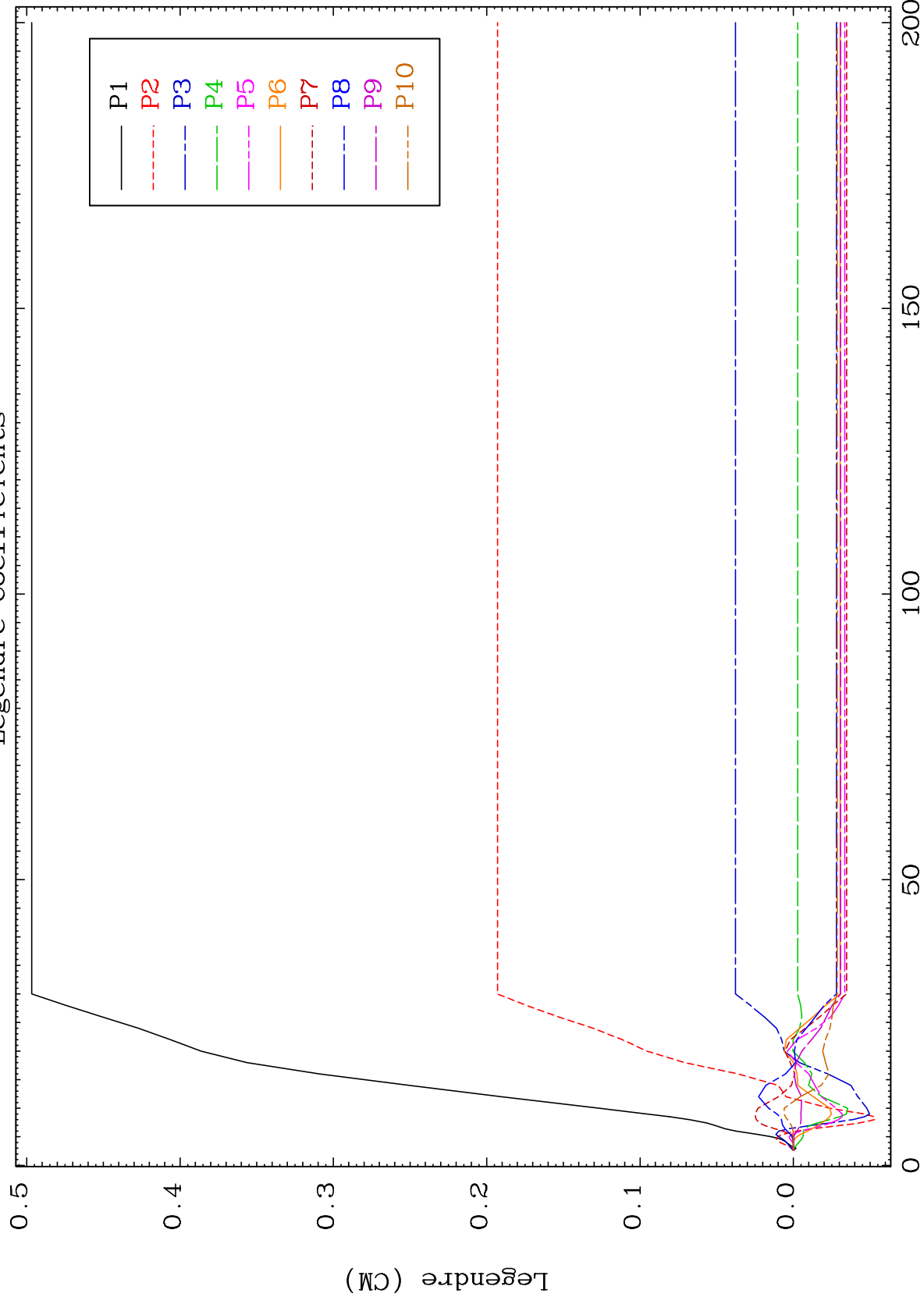
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MAT 8325

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

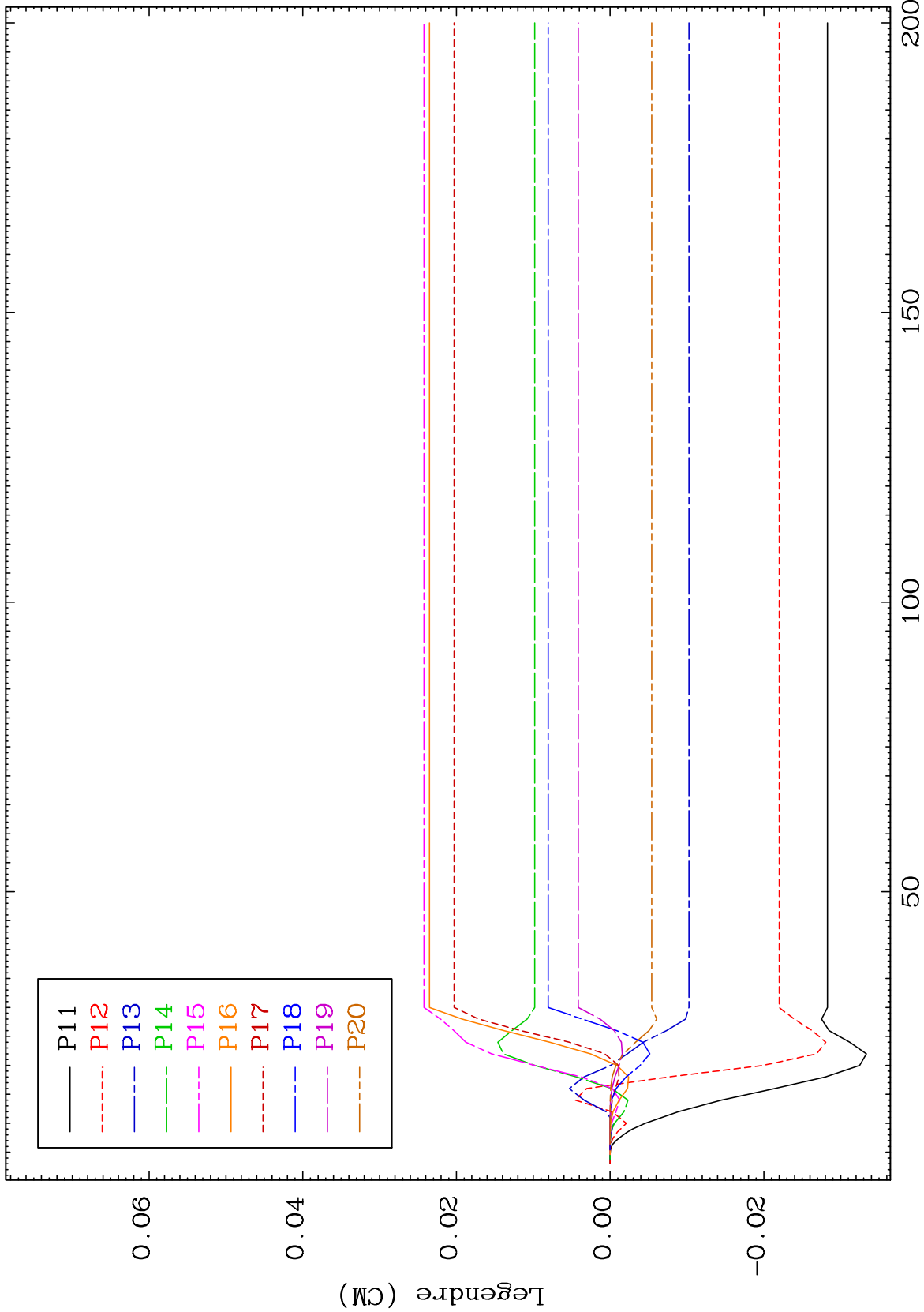
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Incident Energy (MeV)

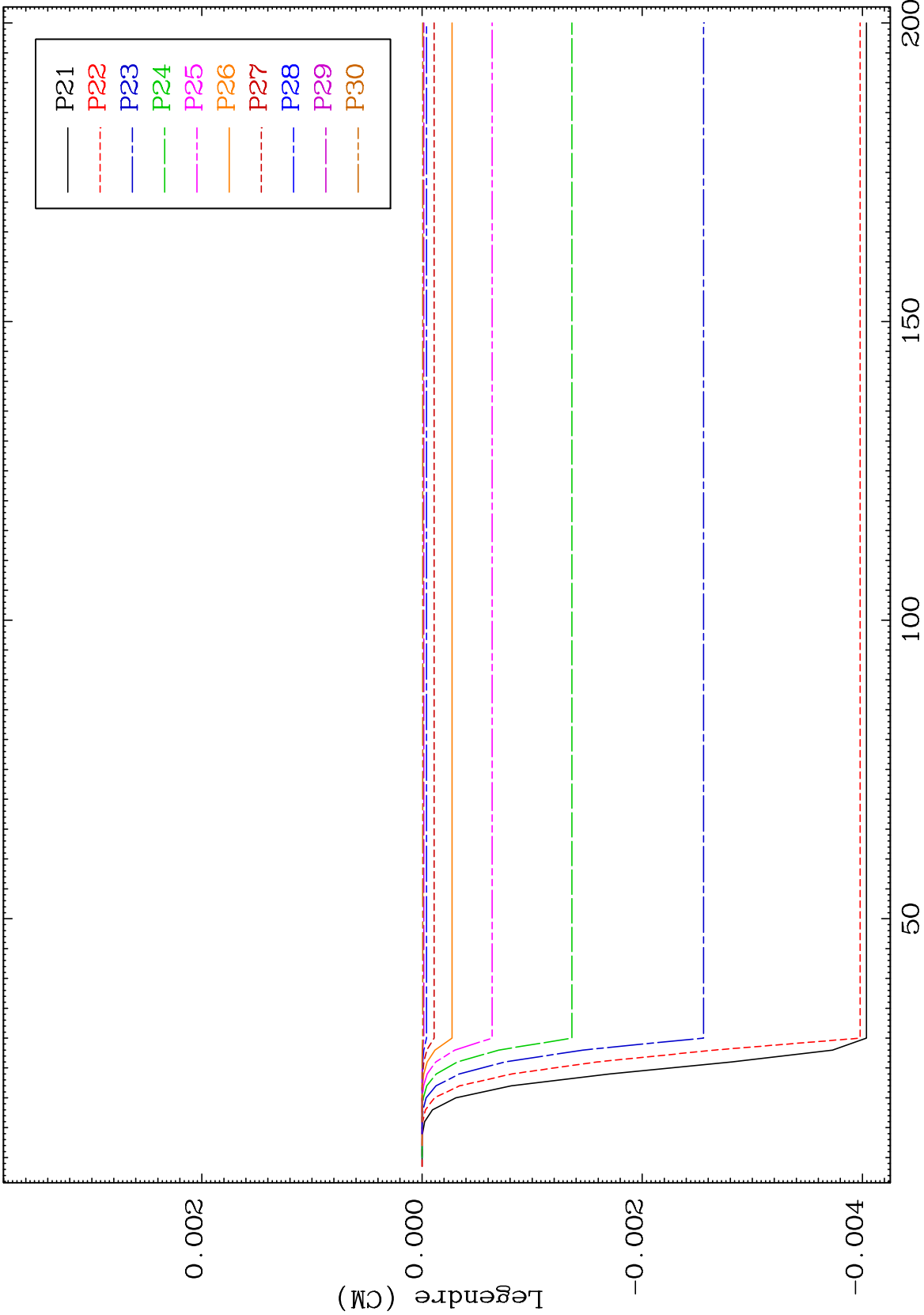
83-Bi-209



MAT 8325

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

83-Bi-209



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Incident Energy (MeV)

83-Bi-209

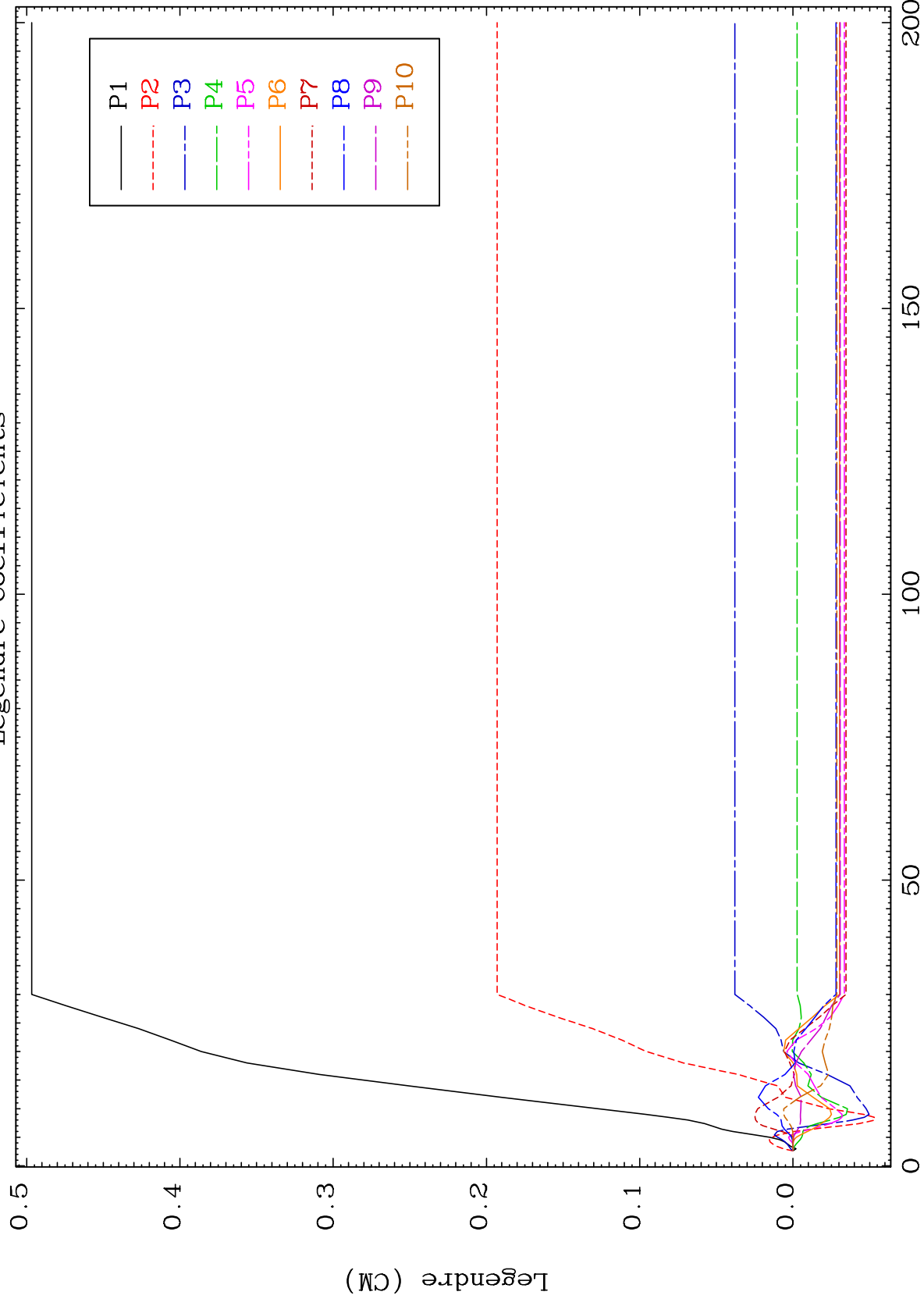




MAT 8325

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

83-Bi-209



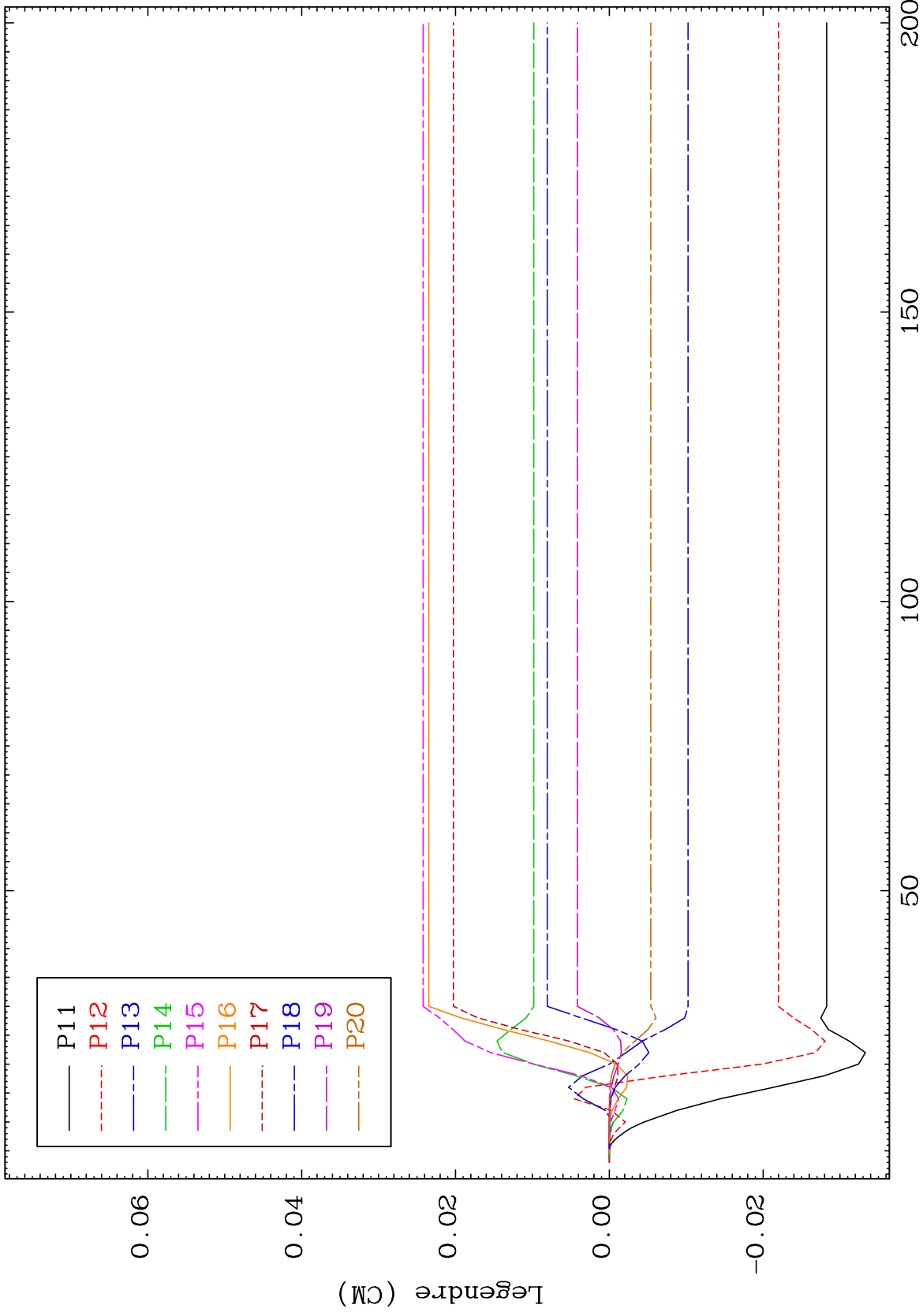
41

83-Bi-209

MAT 8325

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

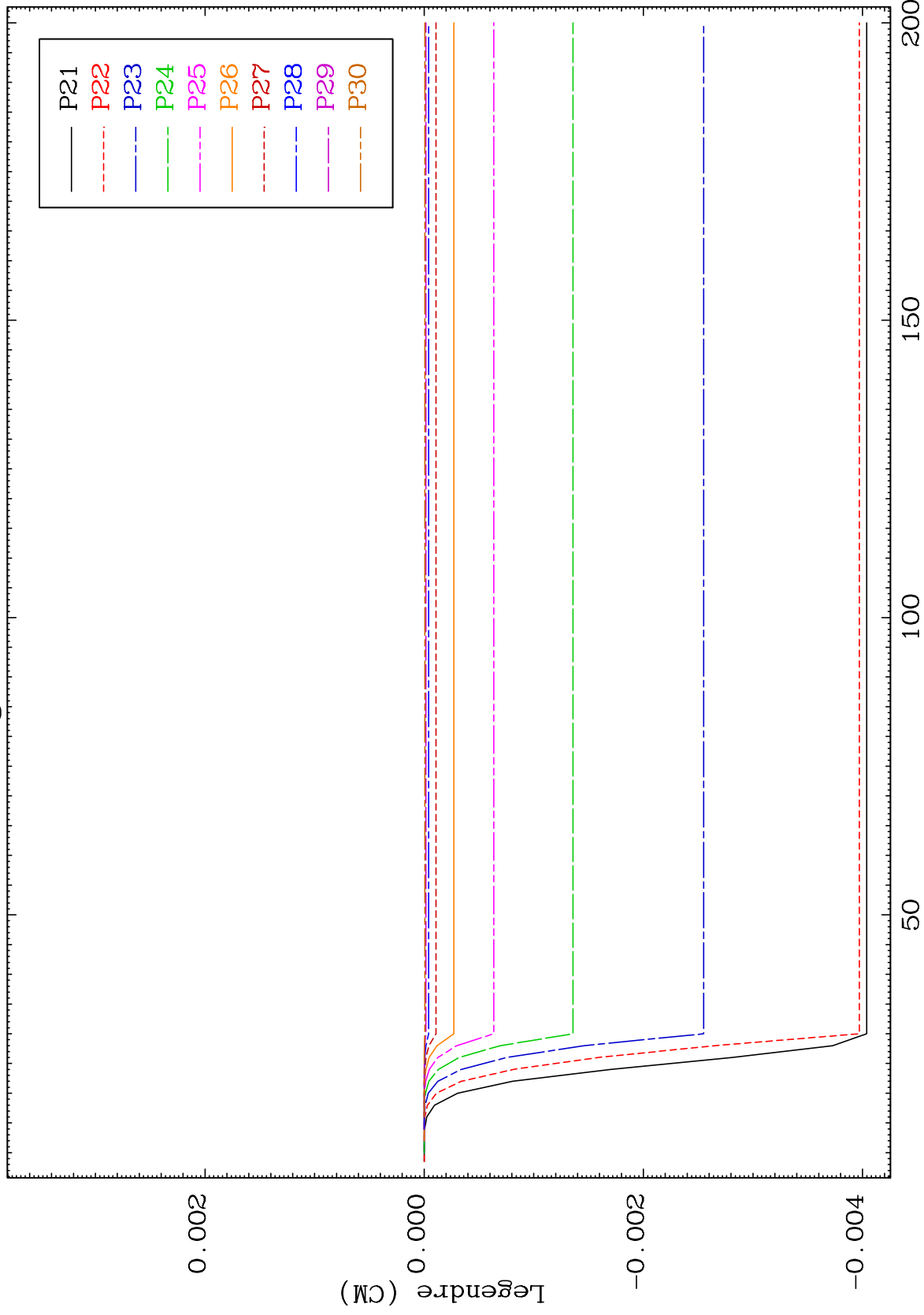
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MAT 8325

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

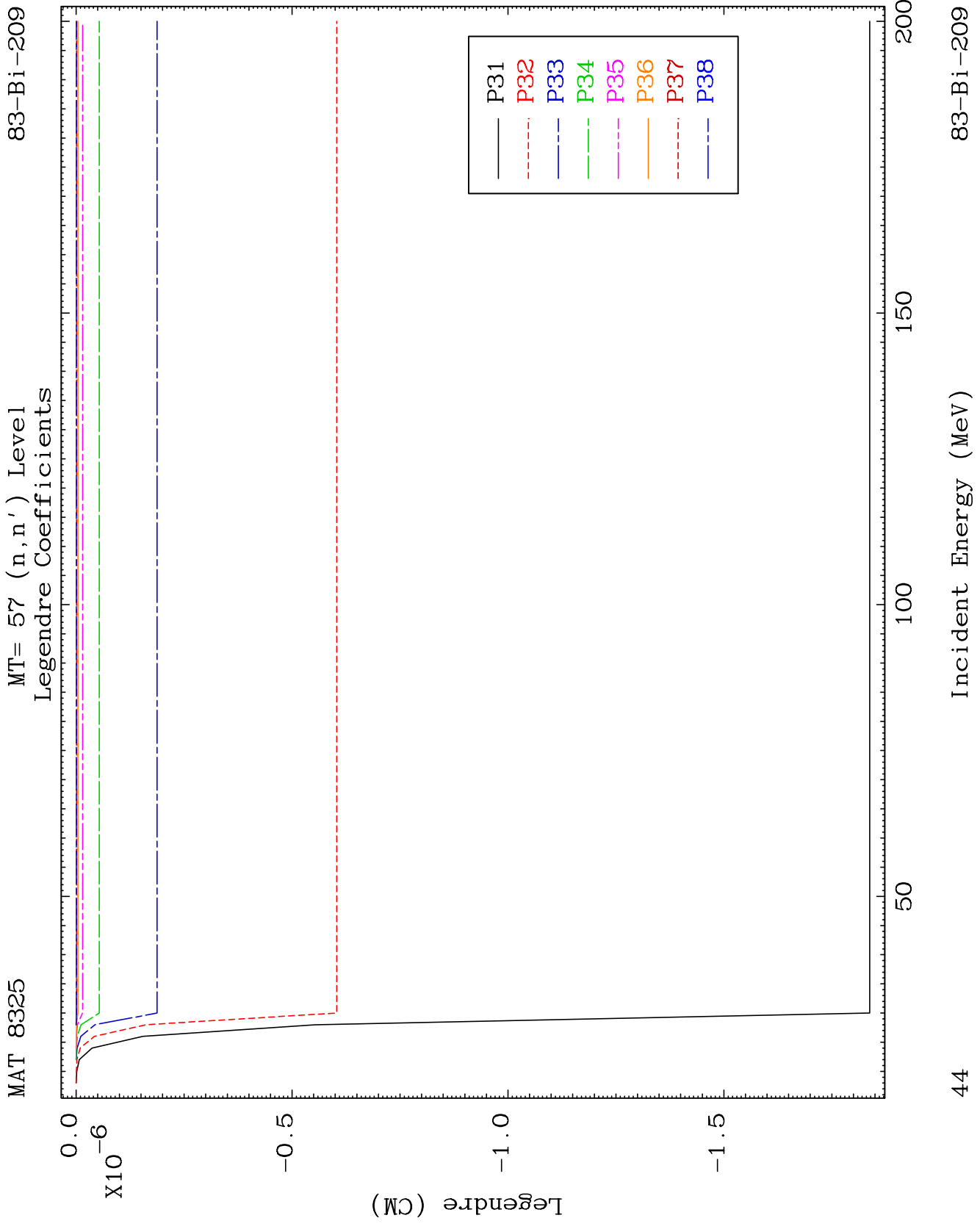
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43

Incident Energy (MeV)

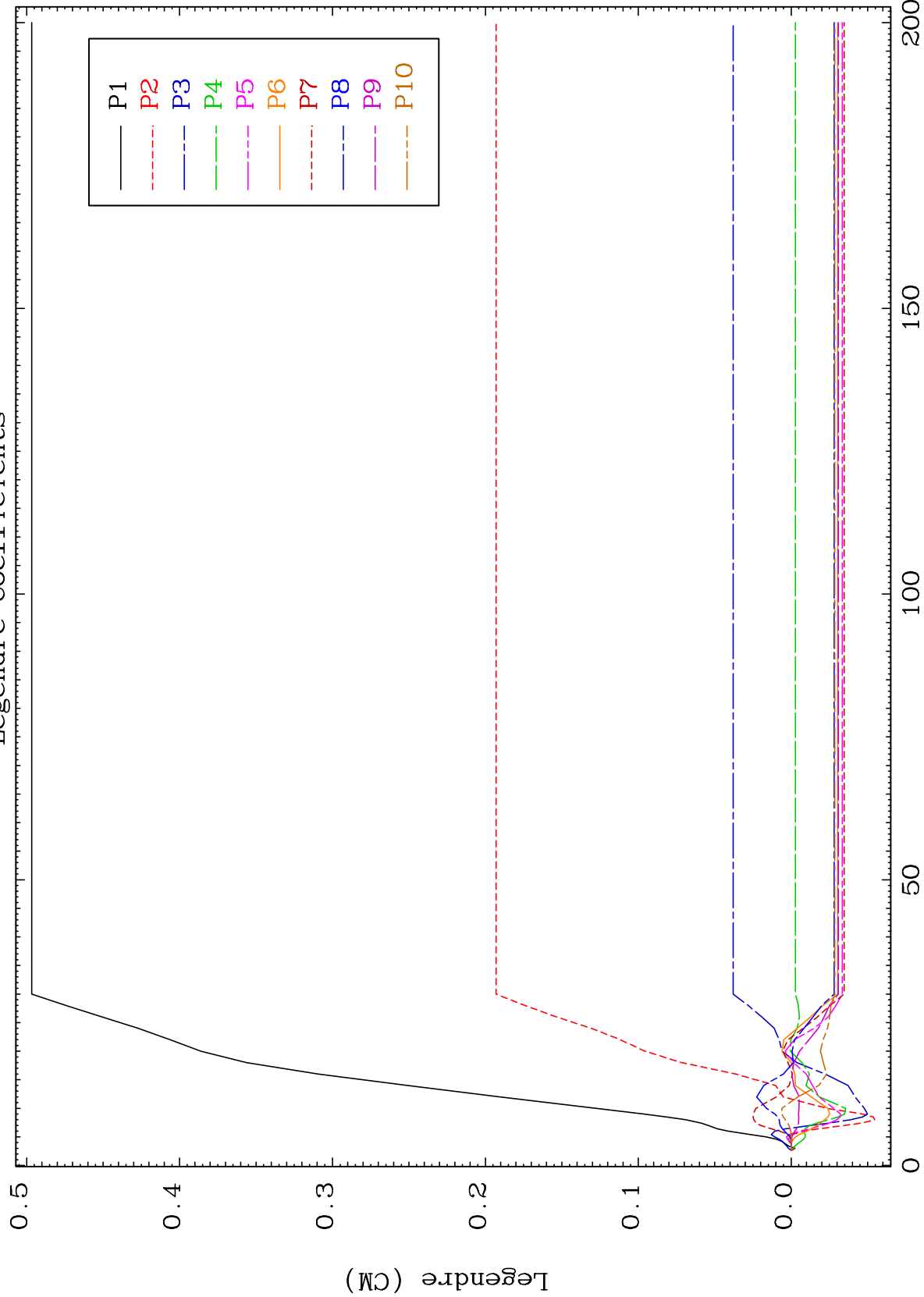
83-Bi-209



MAT 8325

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

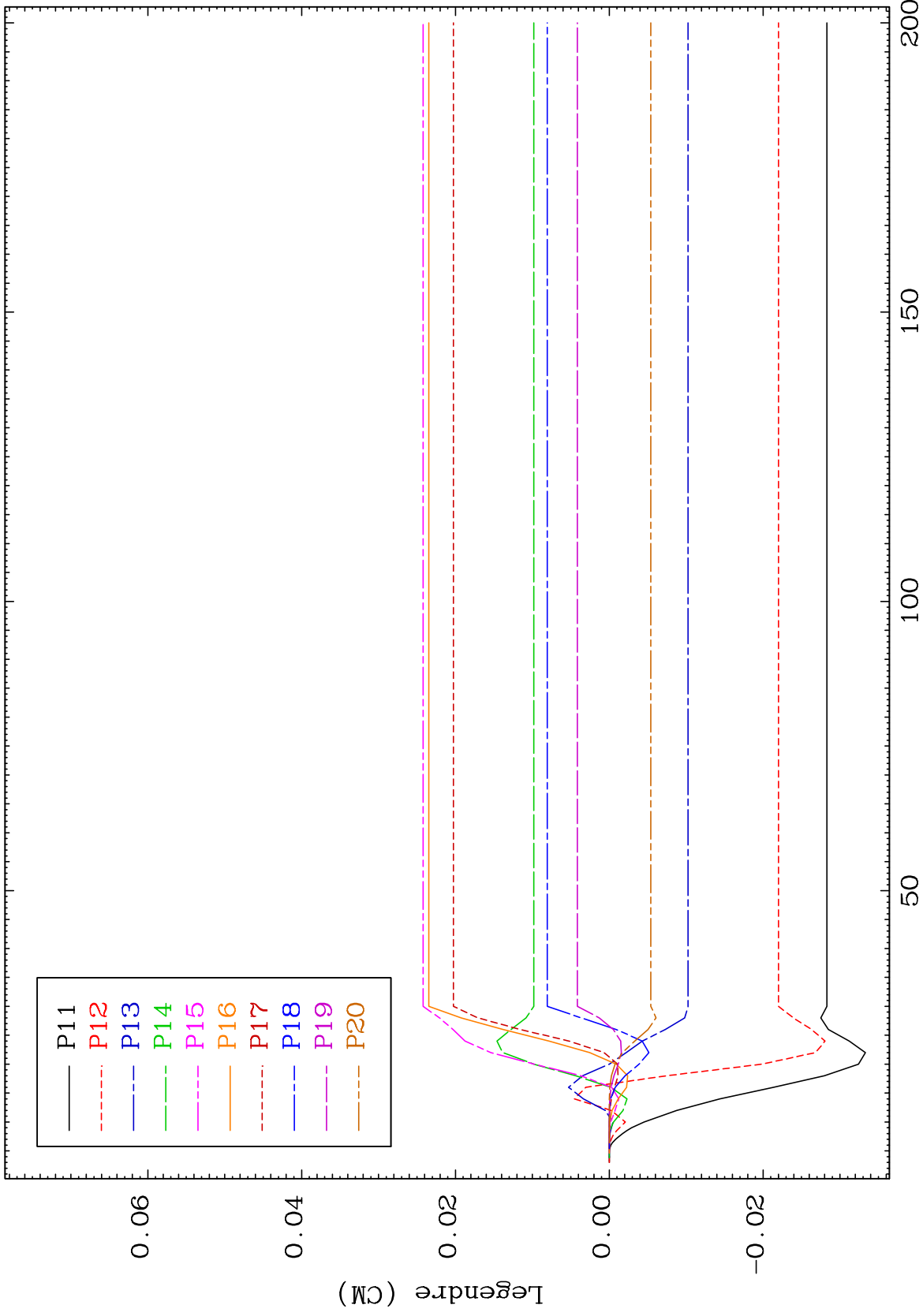
83-Bi-209



83-Bi-209

Incident Energy (MeV)

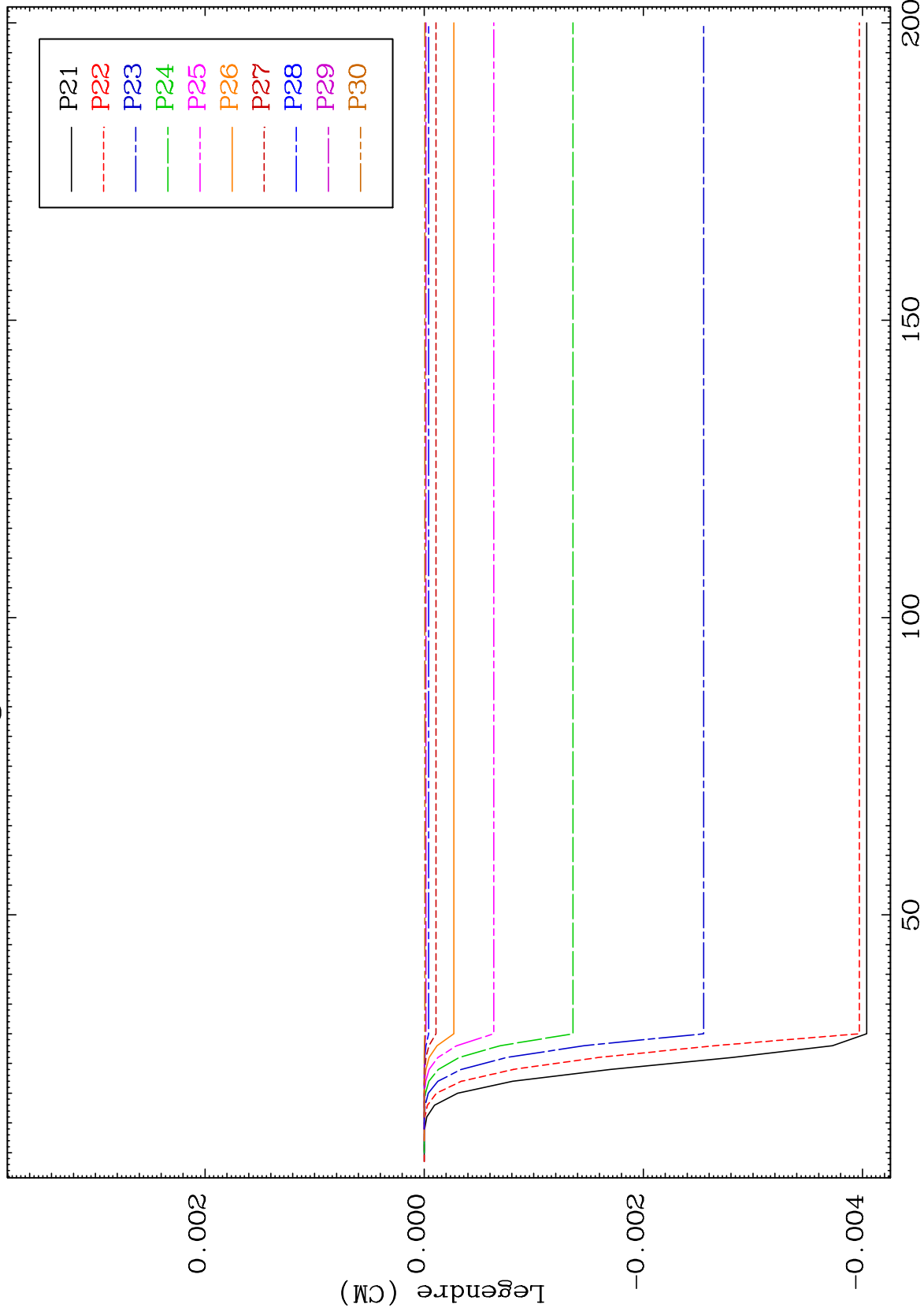
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MAT 8325

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

83-Bi-209

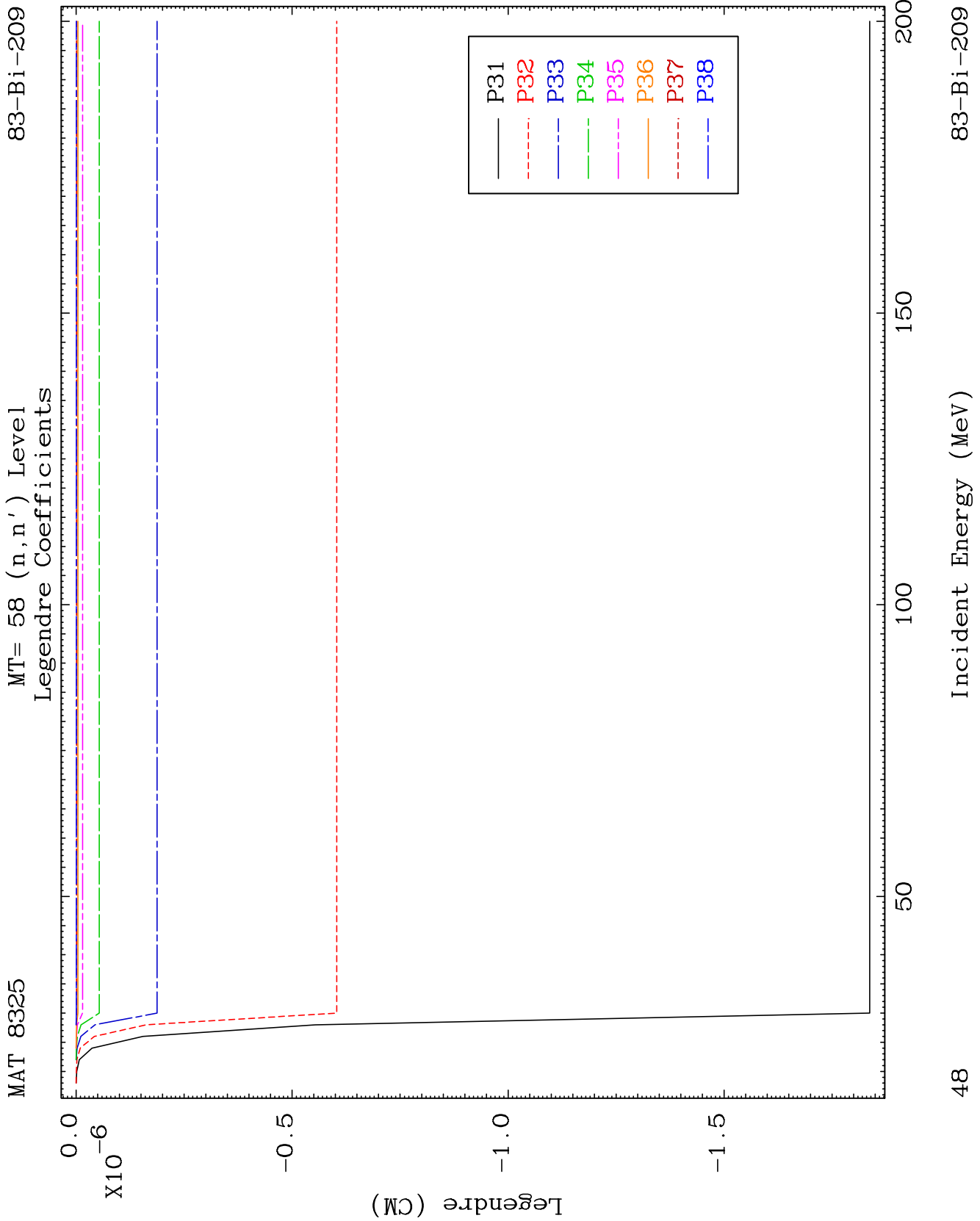


47

Incident Energy (MeV)

83-Bi-209

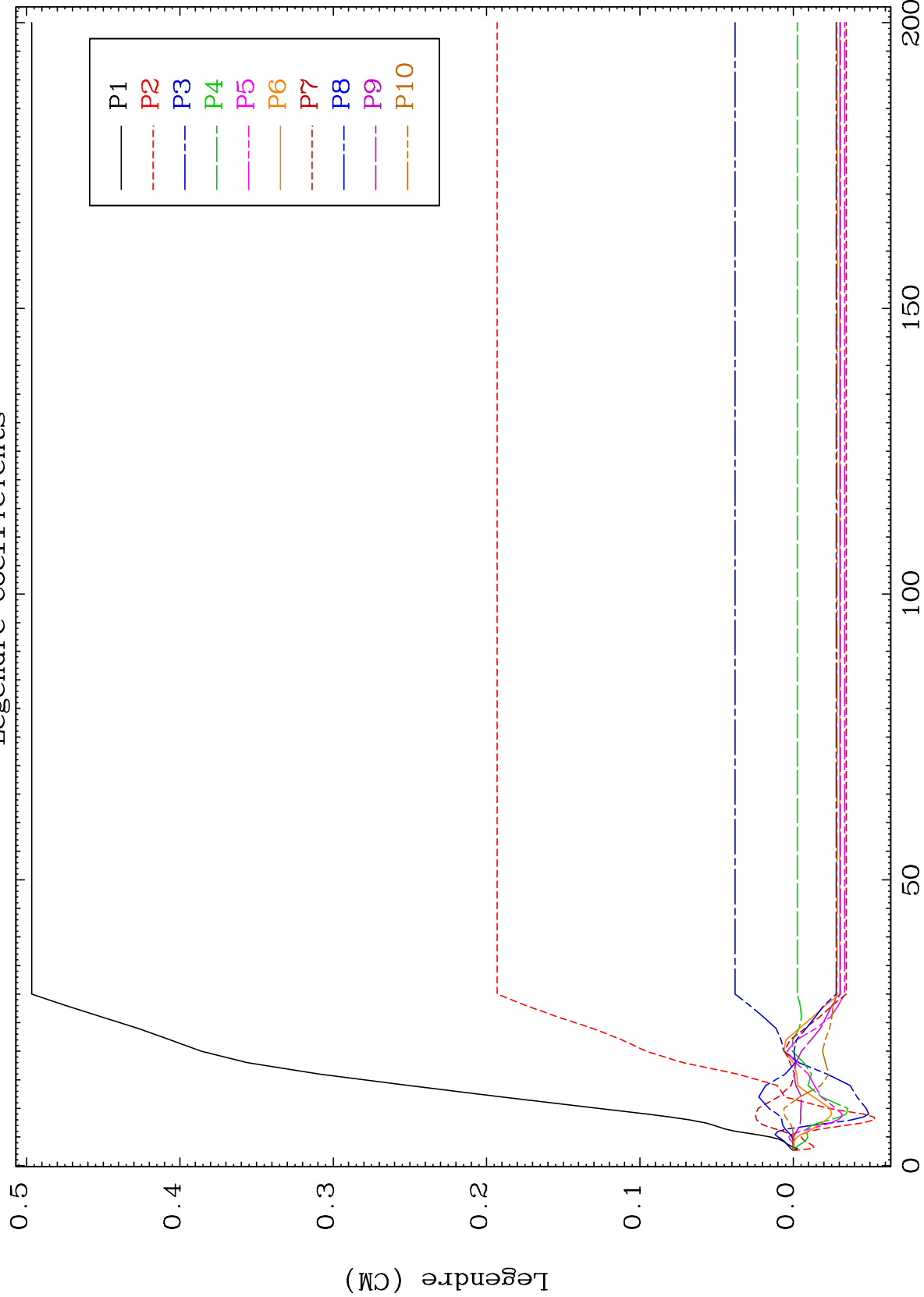




MAT 8325

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

83-Bi-209



49

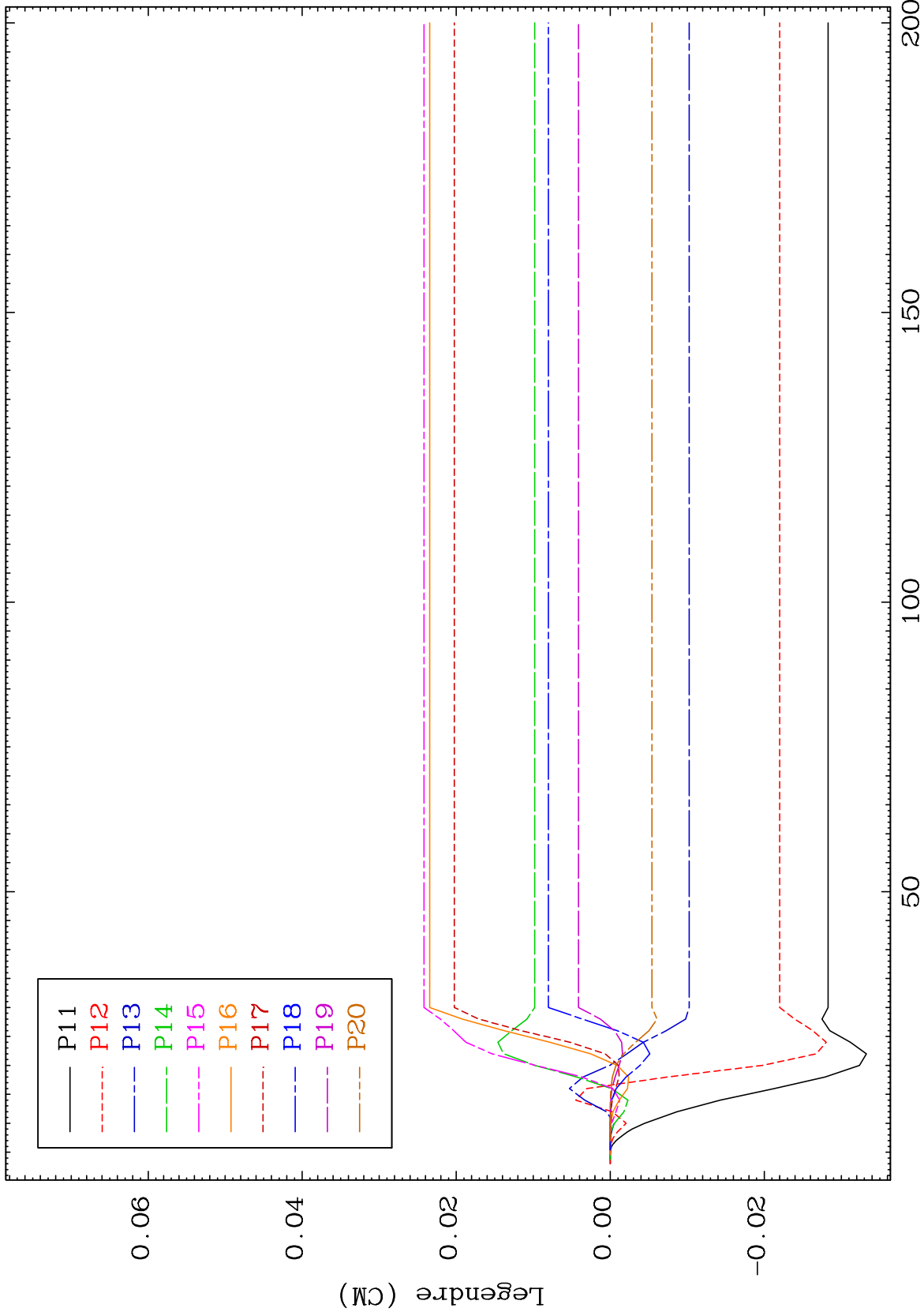
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



50

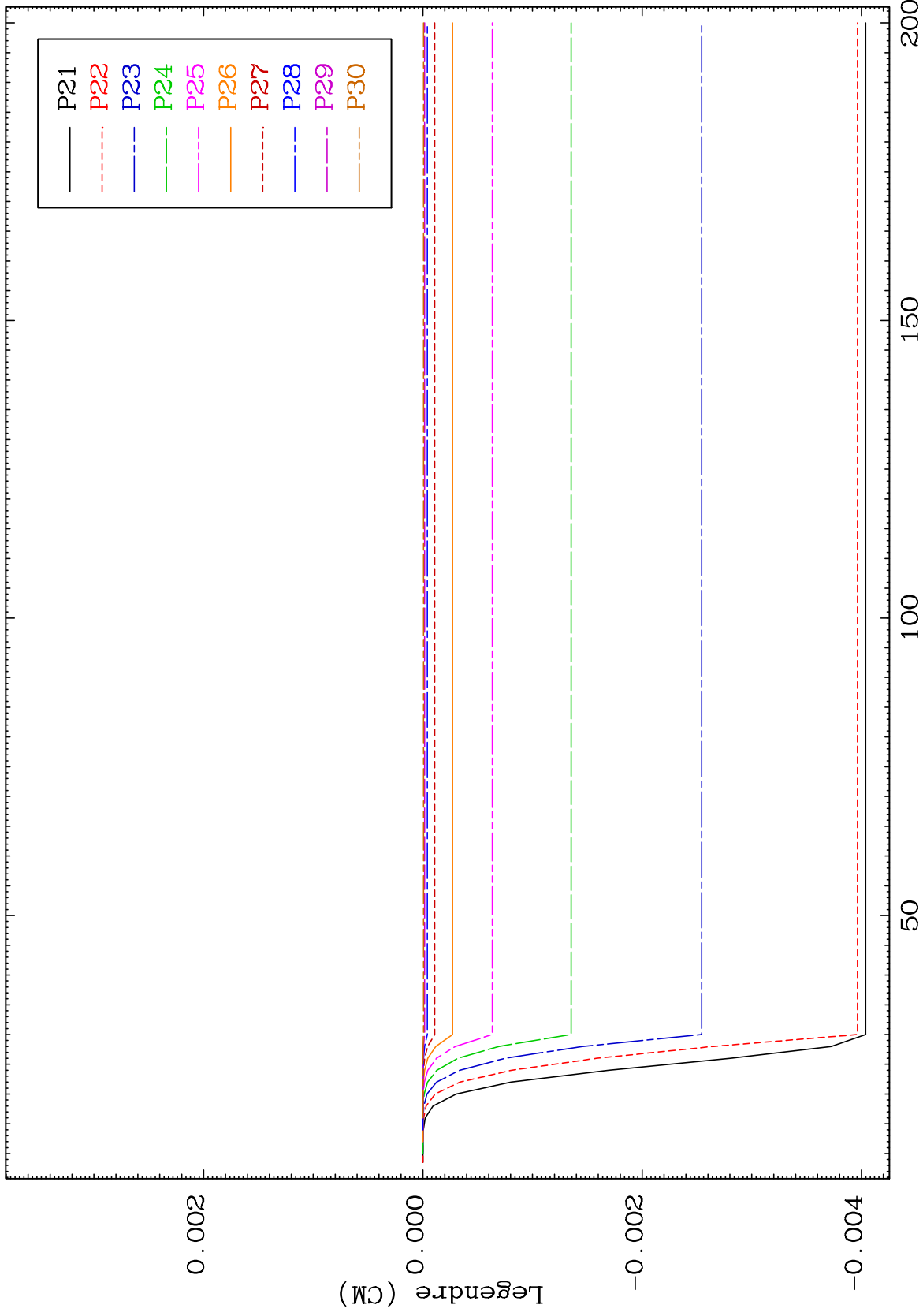
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

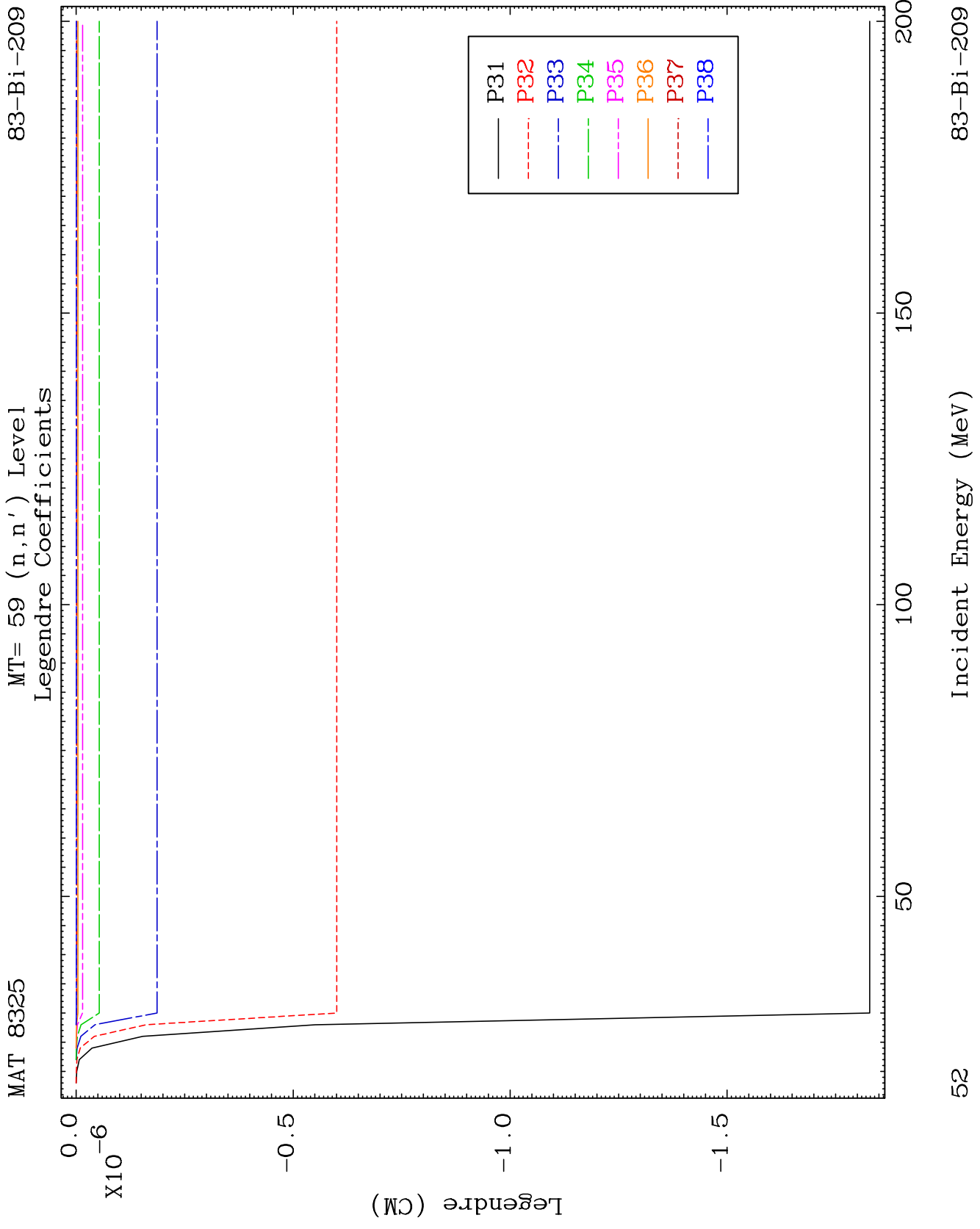
83-Bi-209



51

Incident Energy (MeV)

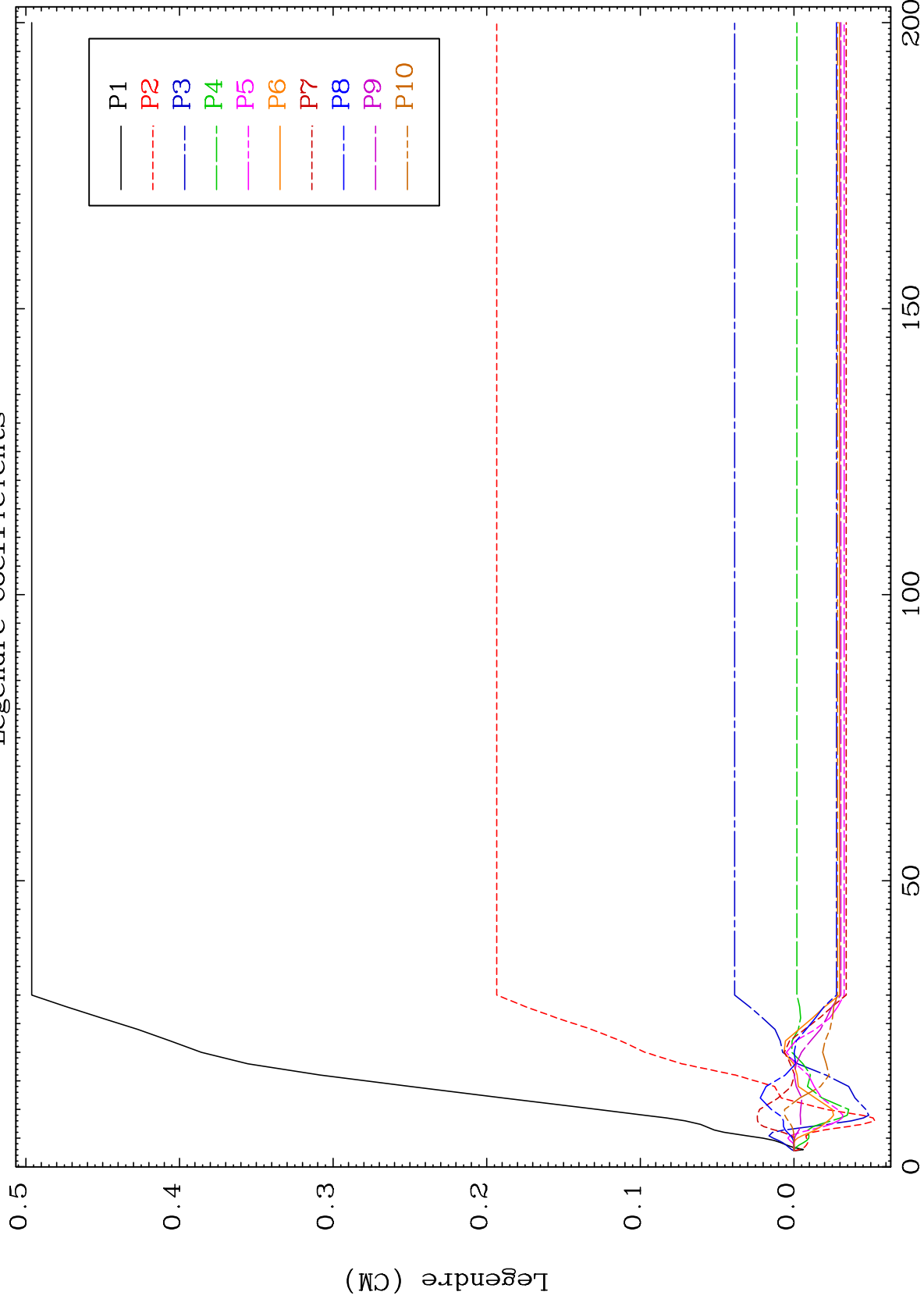
83-Bi-209



MAT 8325

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

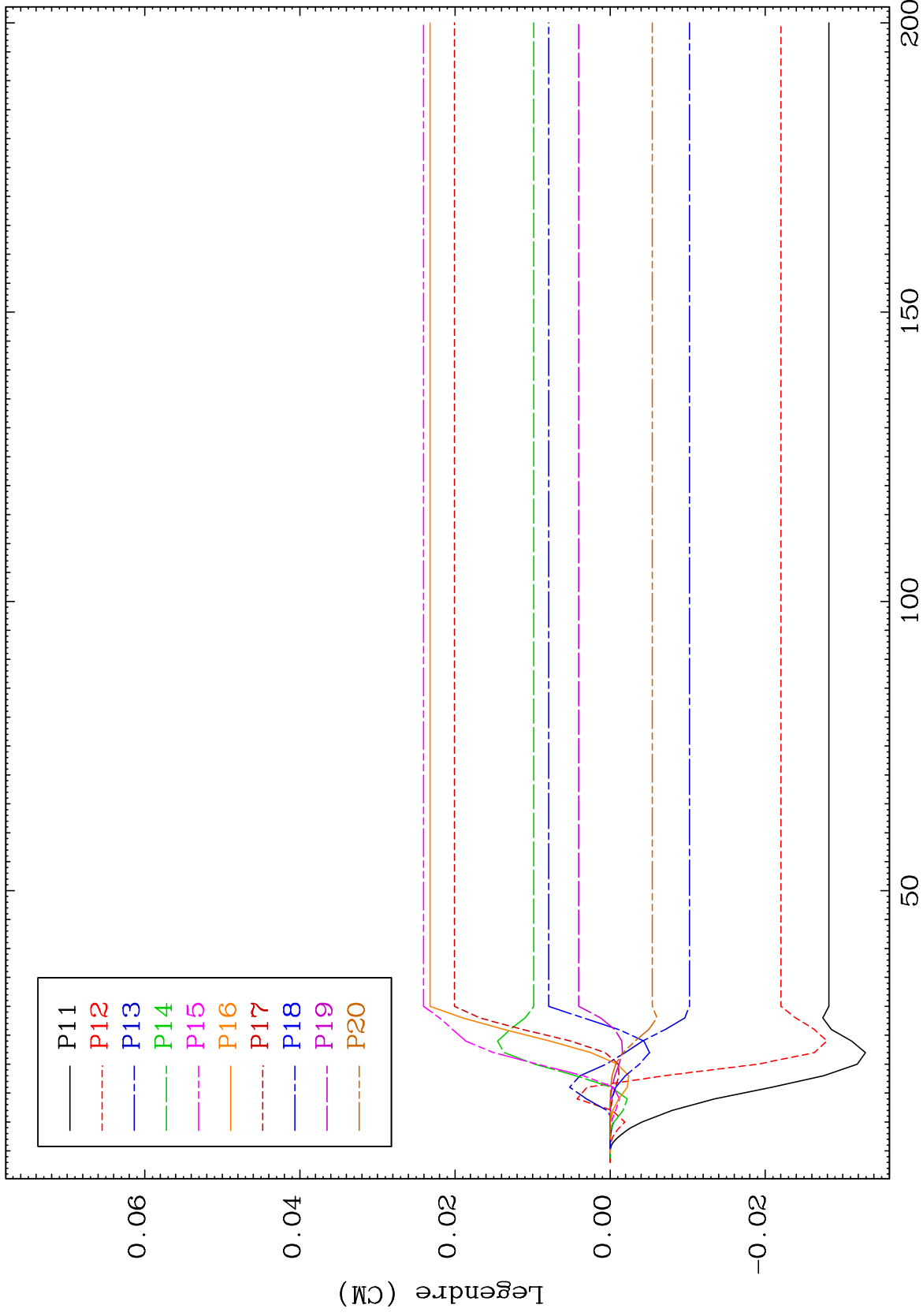
83-Bi-209



83-Bi-209

Incident Energy (MeV)

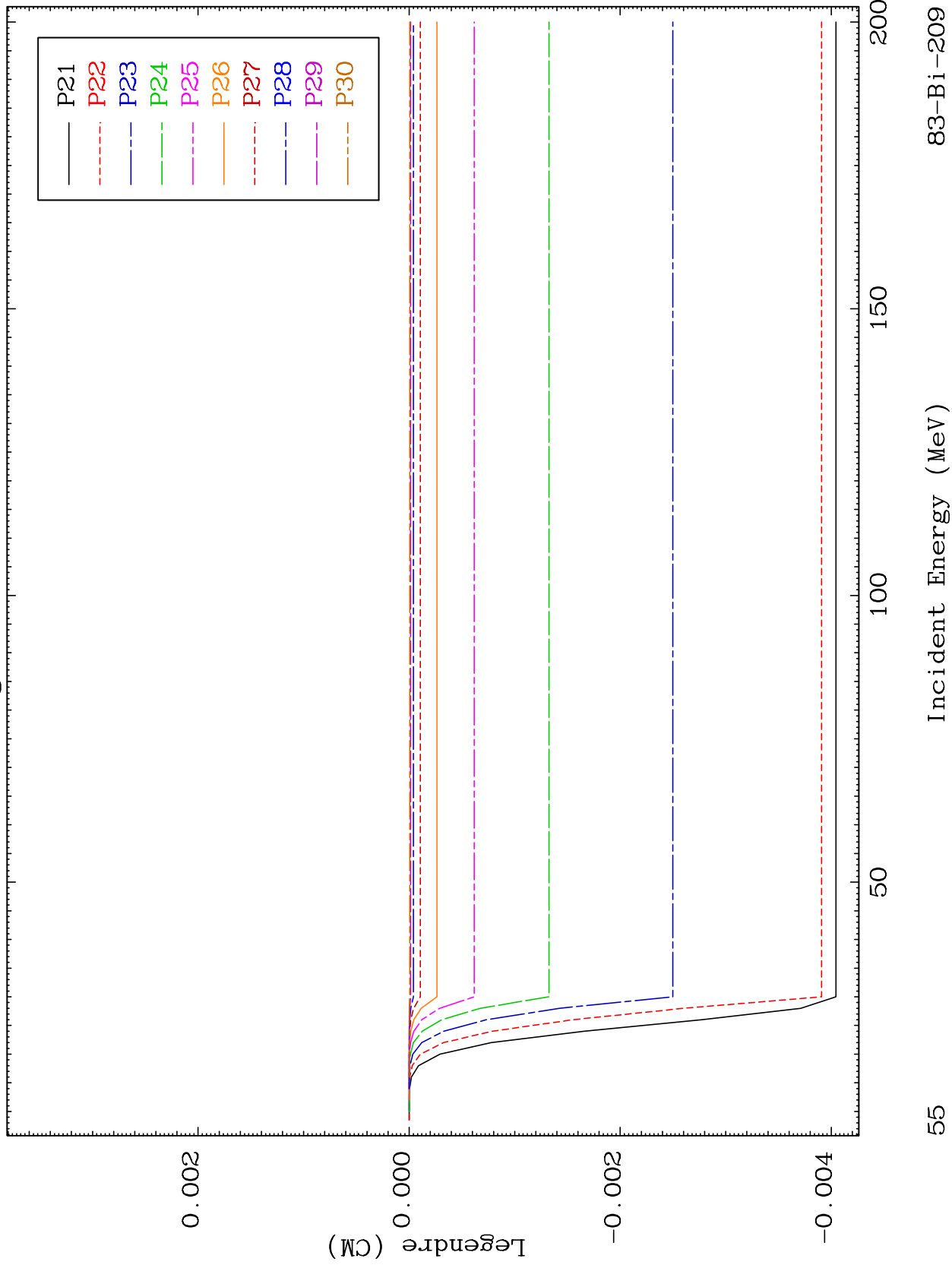
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MAT 8325

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

83-Bi-209



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Incident Energy (MeV)

83-Bi-209

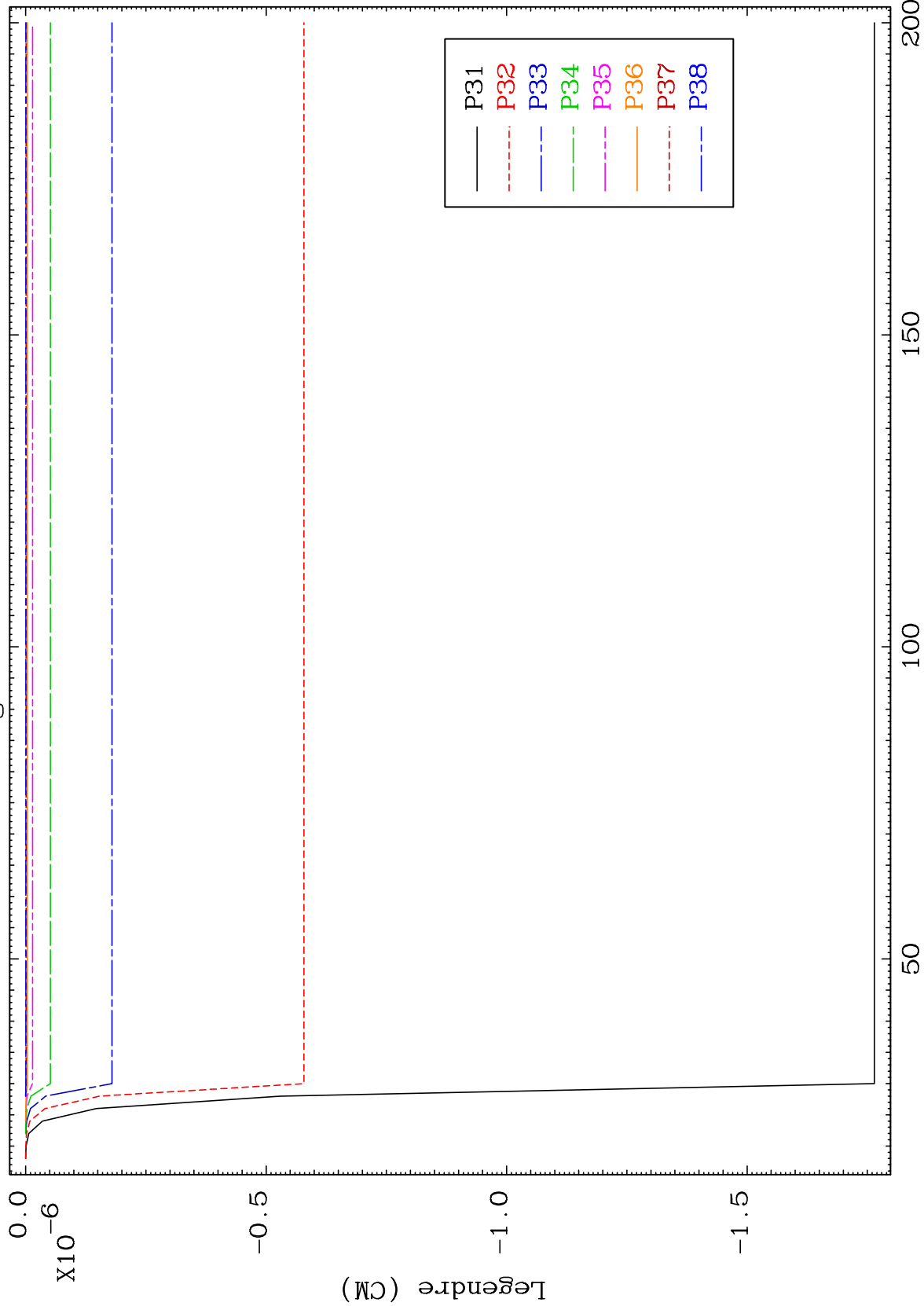


MAT 8325

MT= 60 (n,n') Level

83-Bi-209

Legendre Coefficients



56

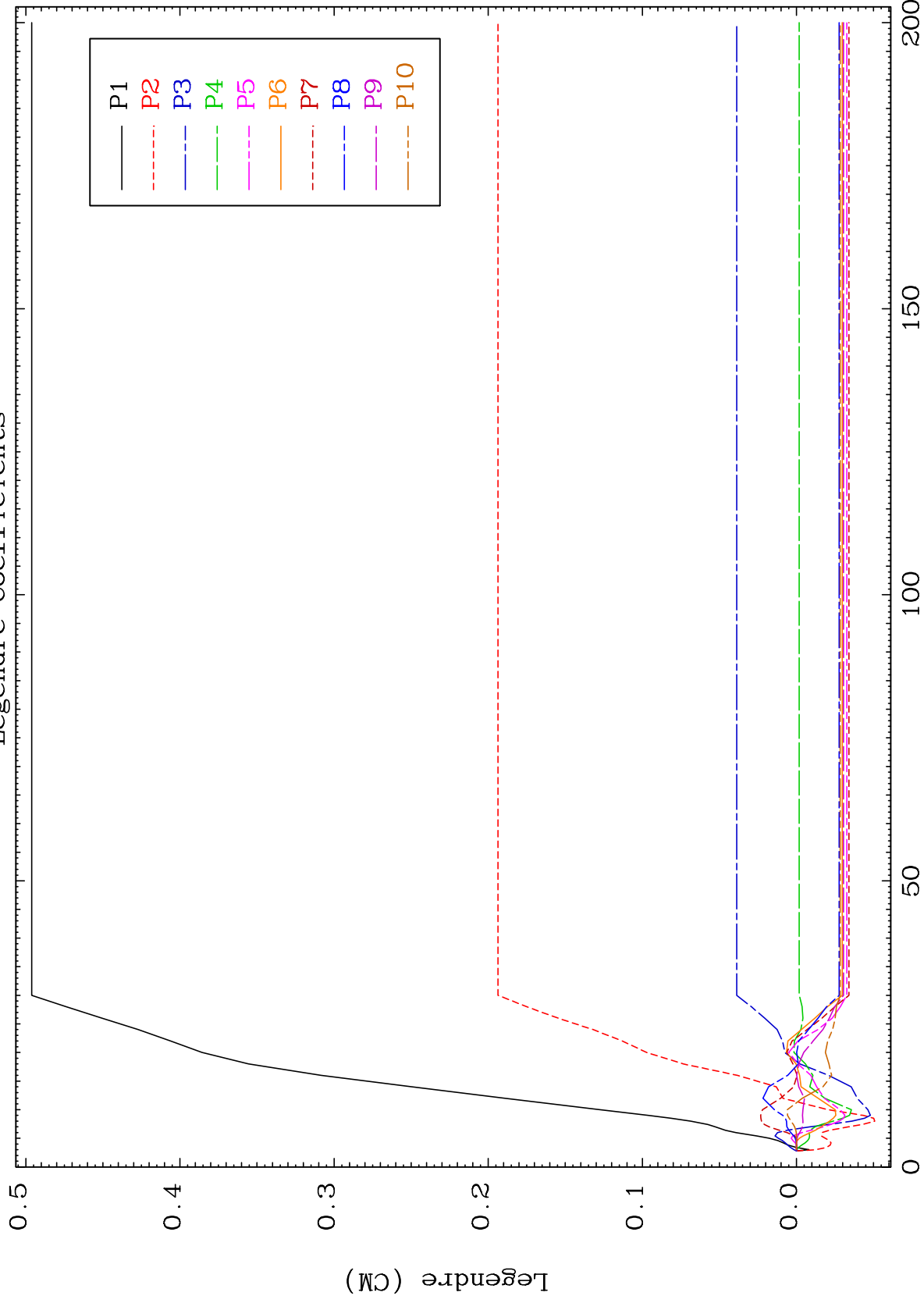
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

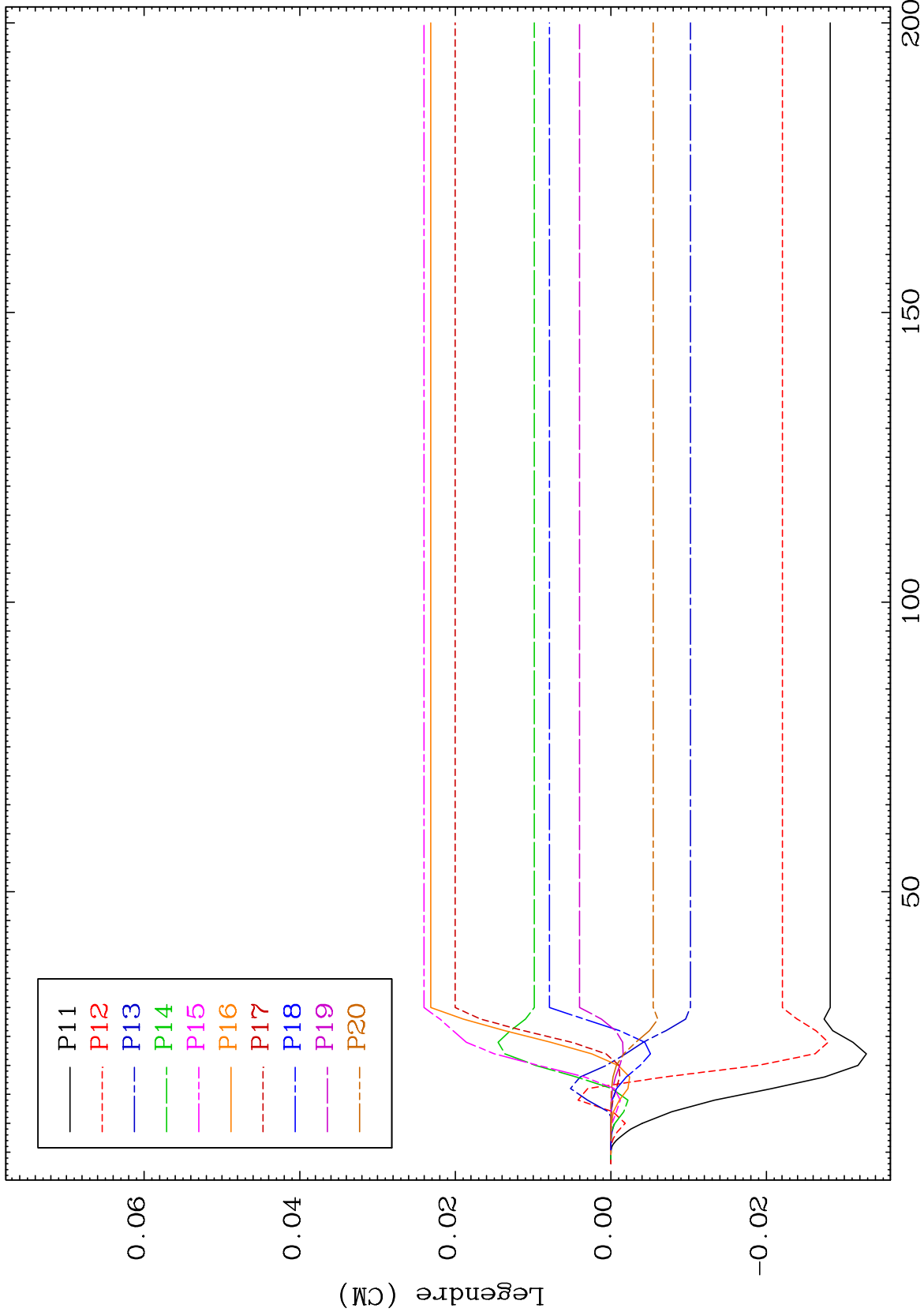
83-Bi-209



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Incident Energy (MeV)

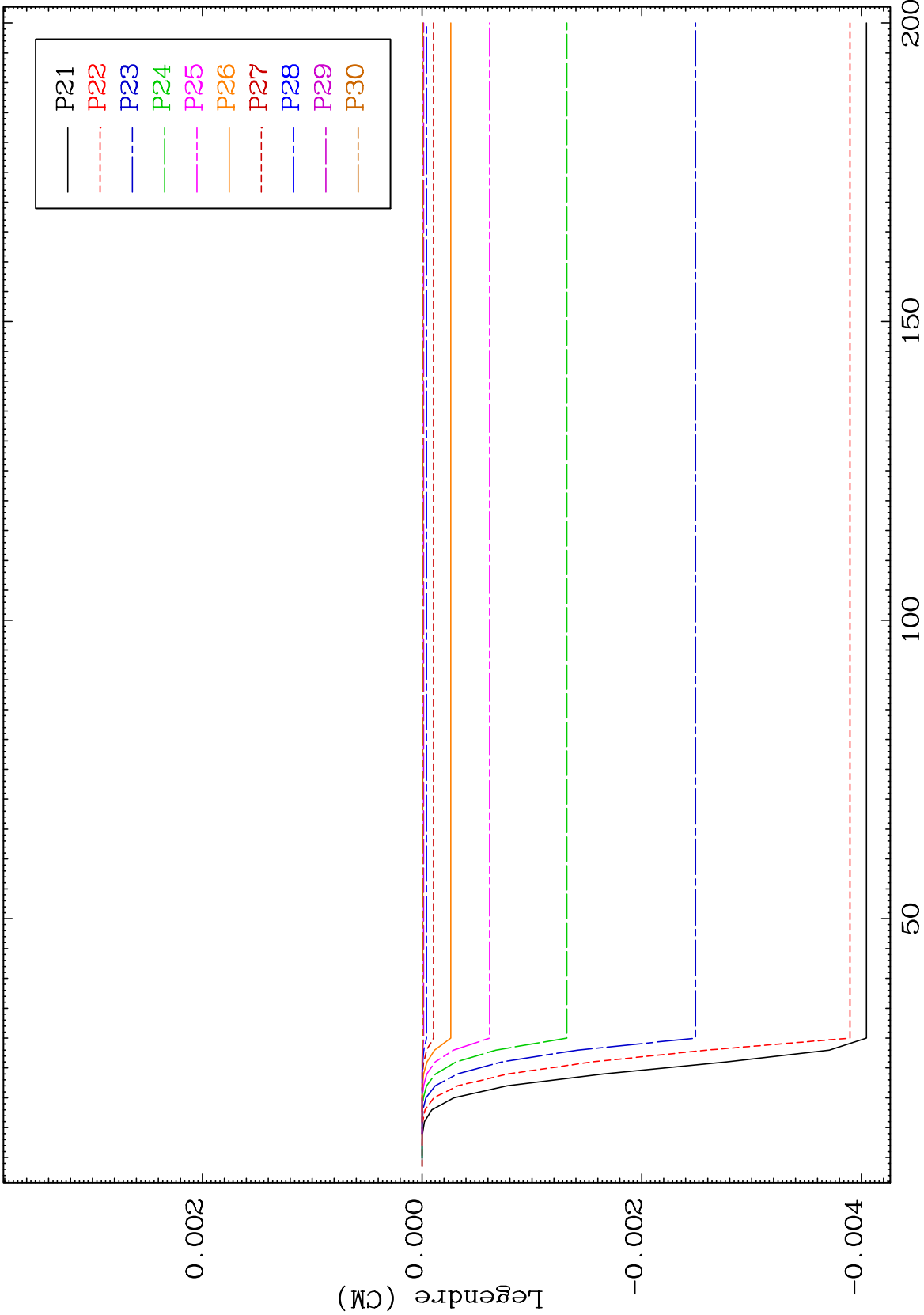
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MAT 8325

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

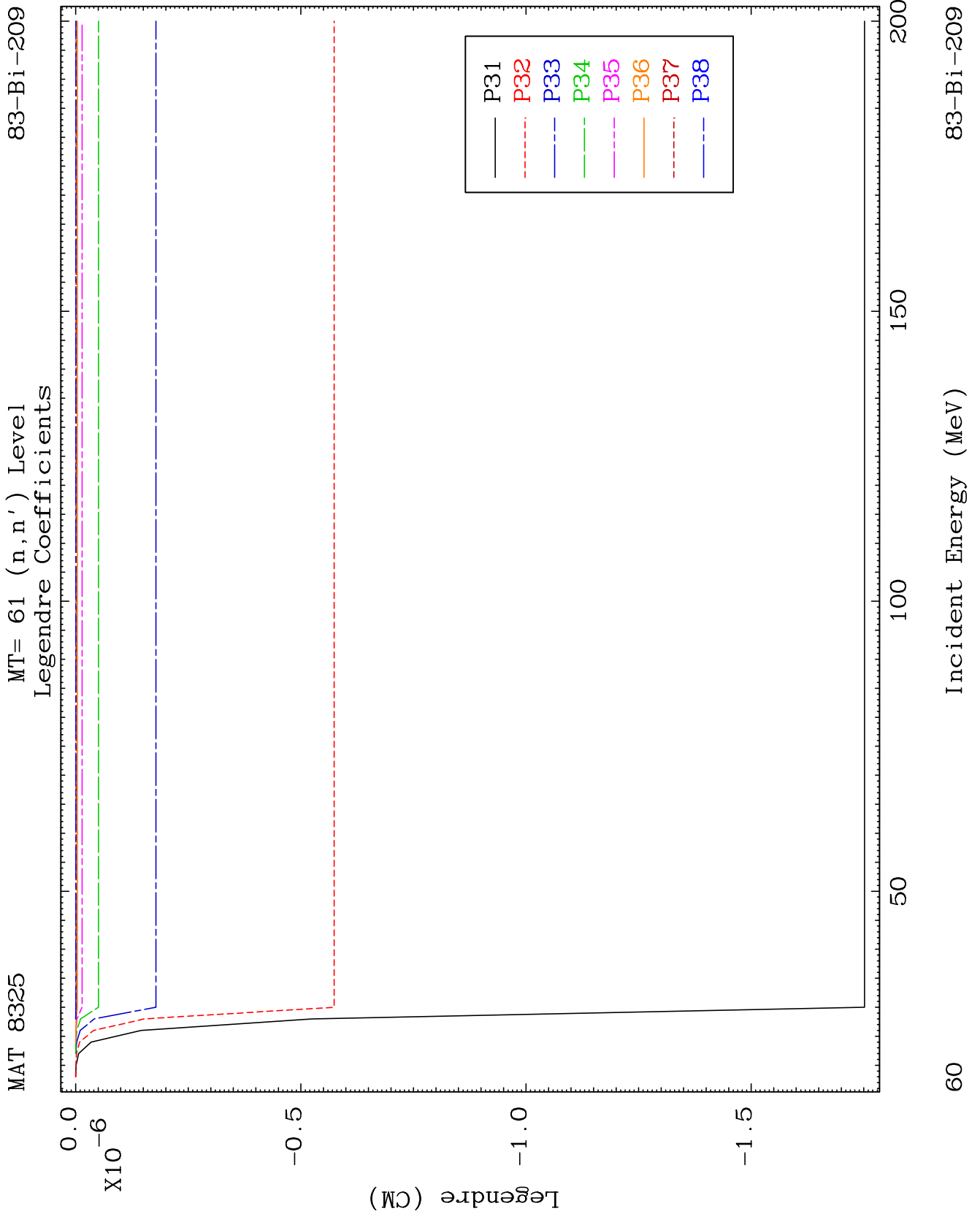
83-Bi-209



59

Incident Energy (MeV)

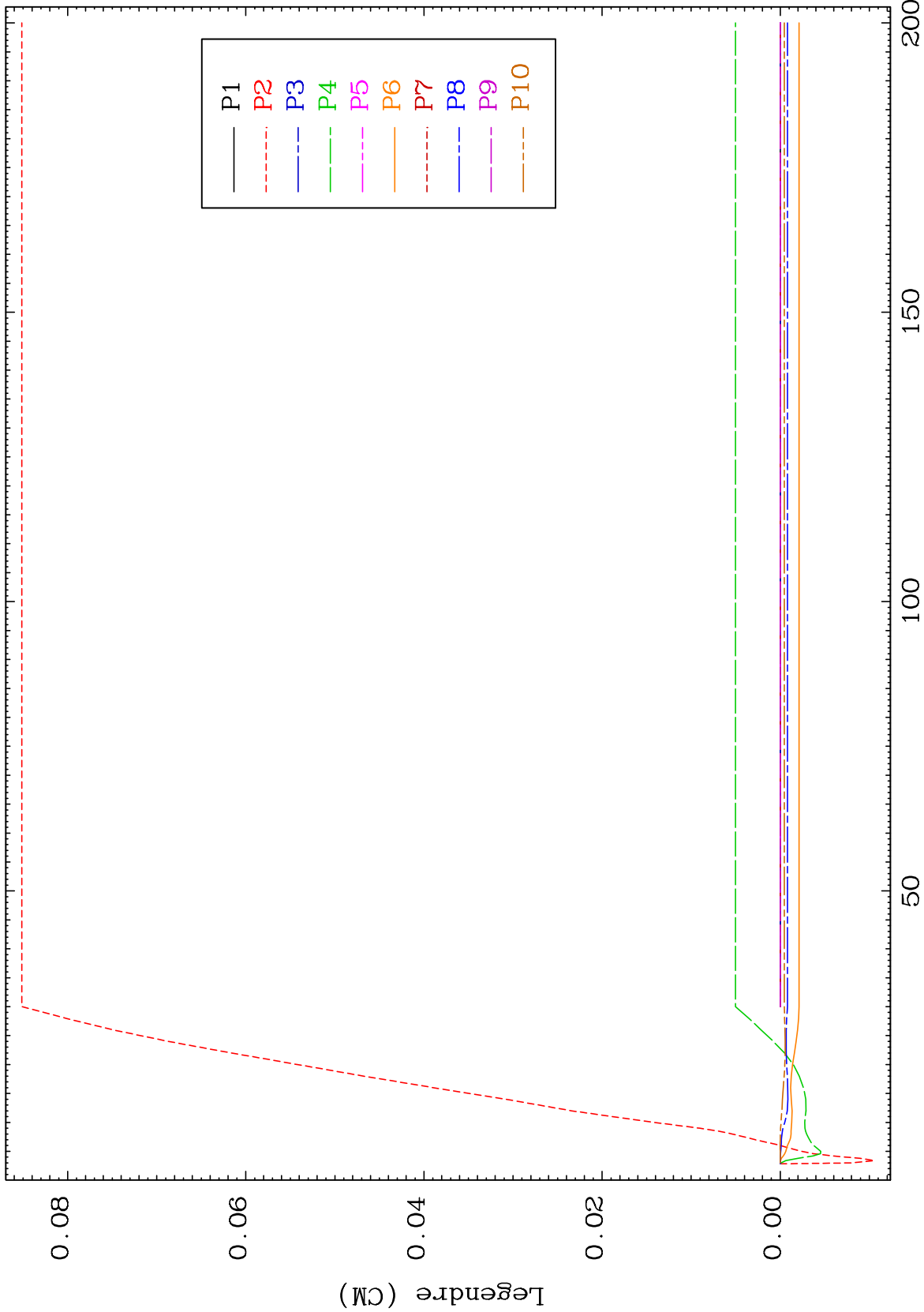
83-Bi-209



MAT 8325

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

83-Bi-209



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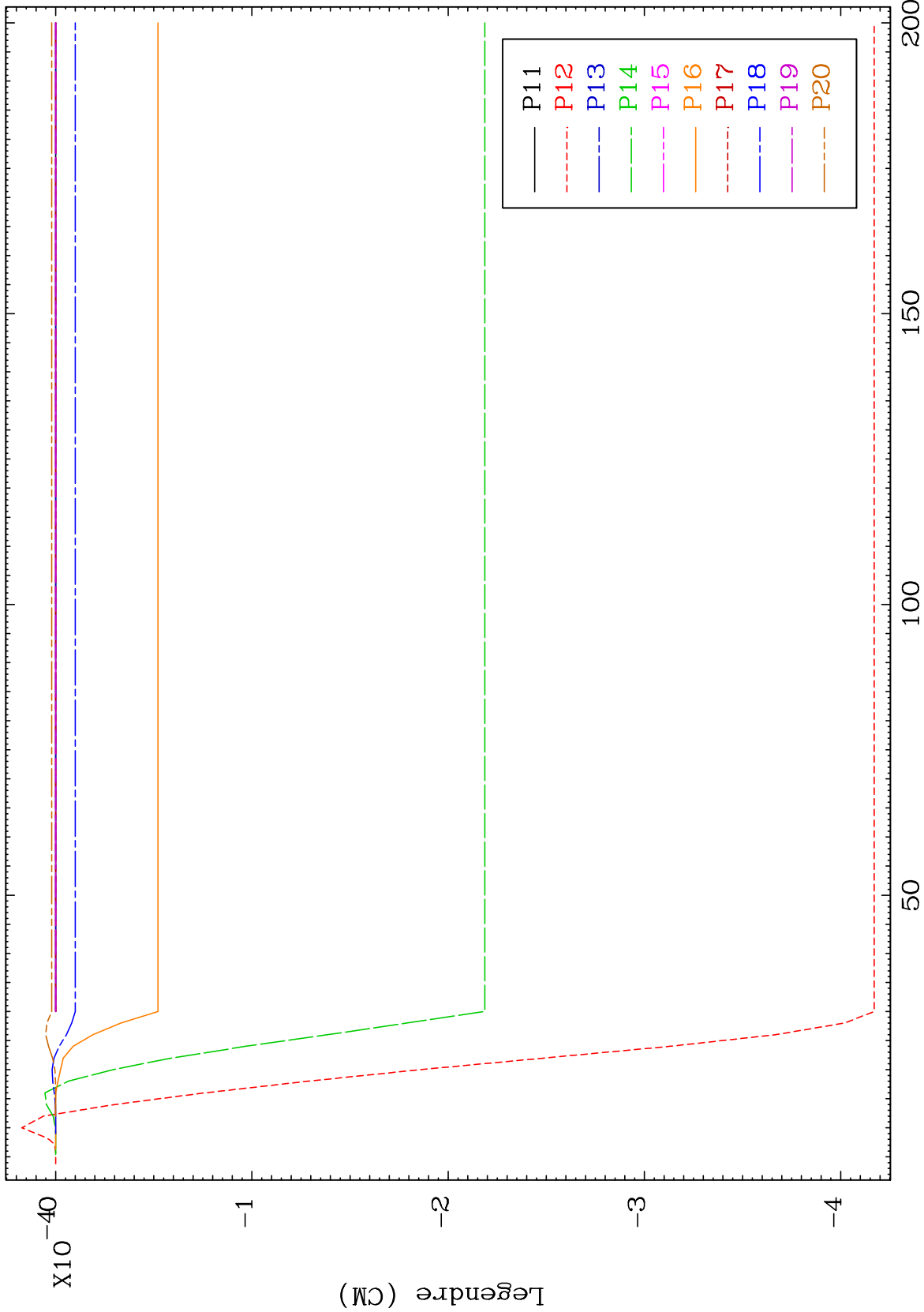
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



62

Incident Energy (MeV)

83-Bi-209

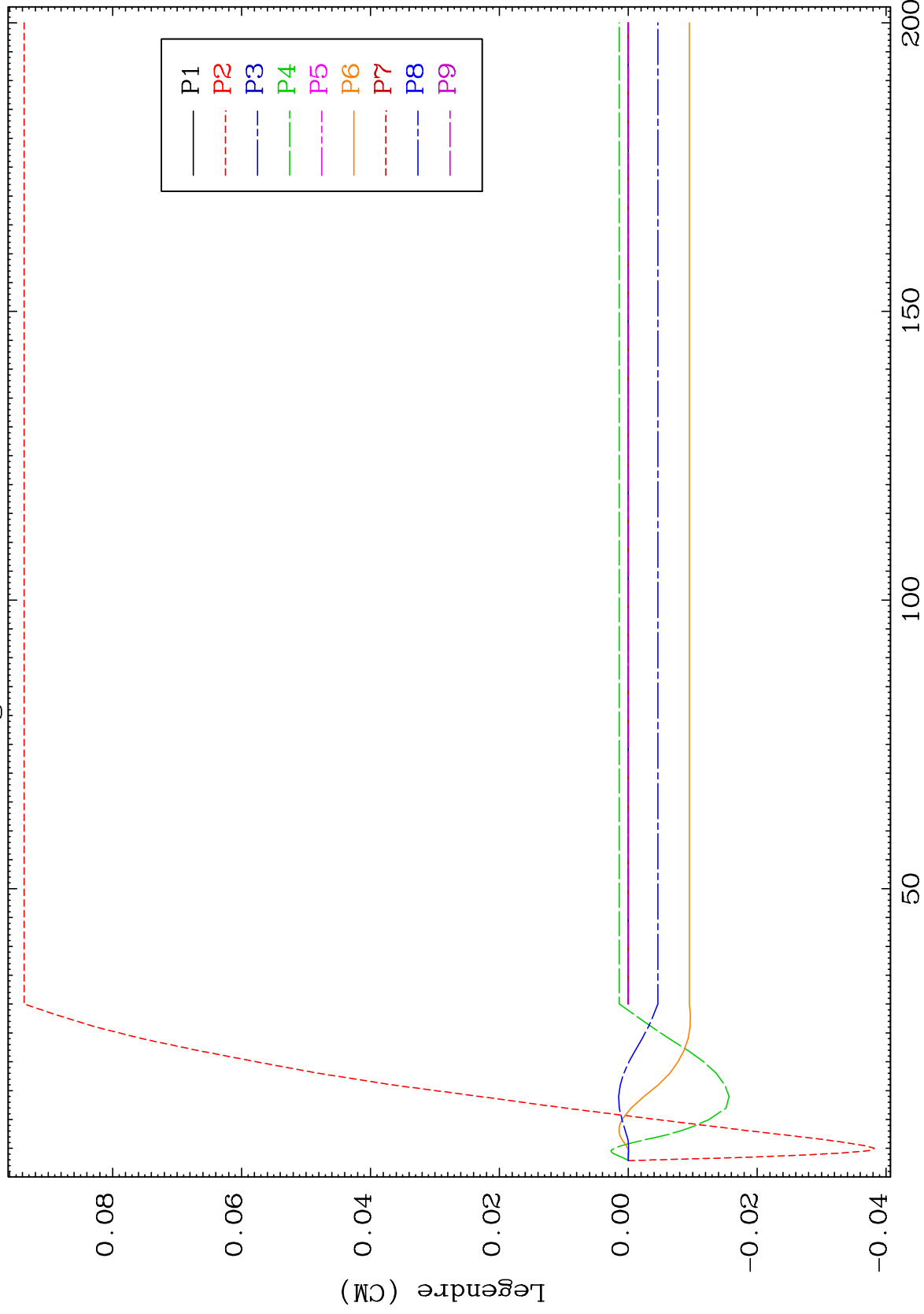




MAT 8325

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

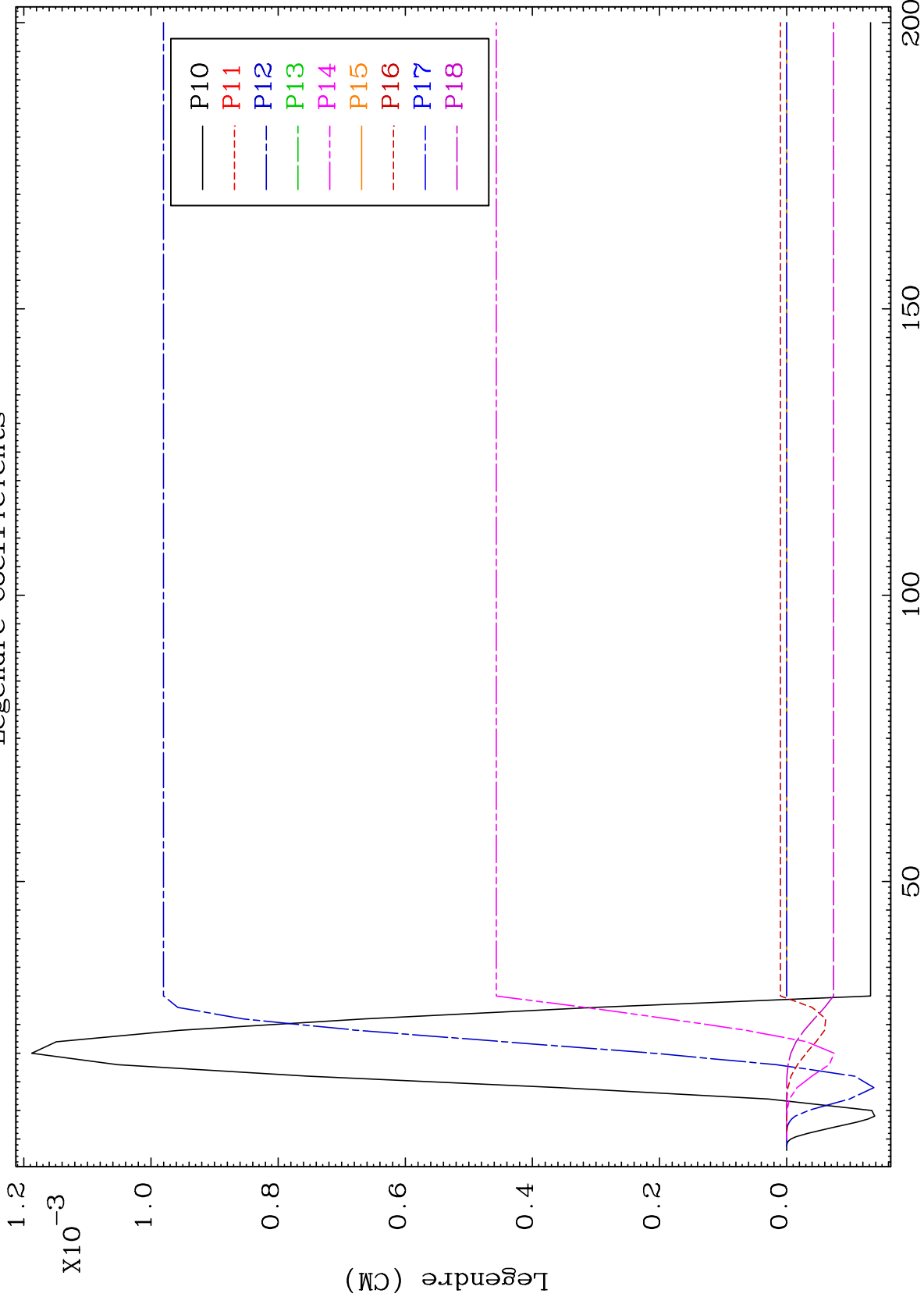
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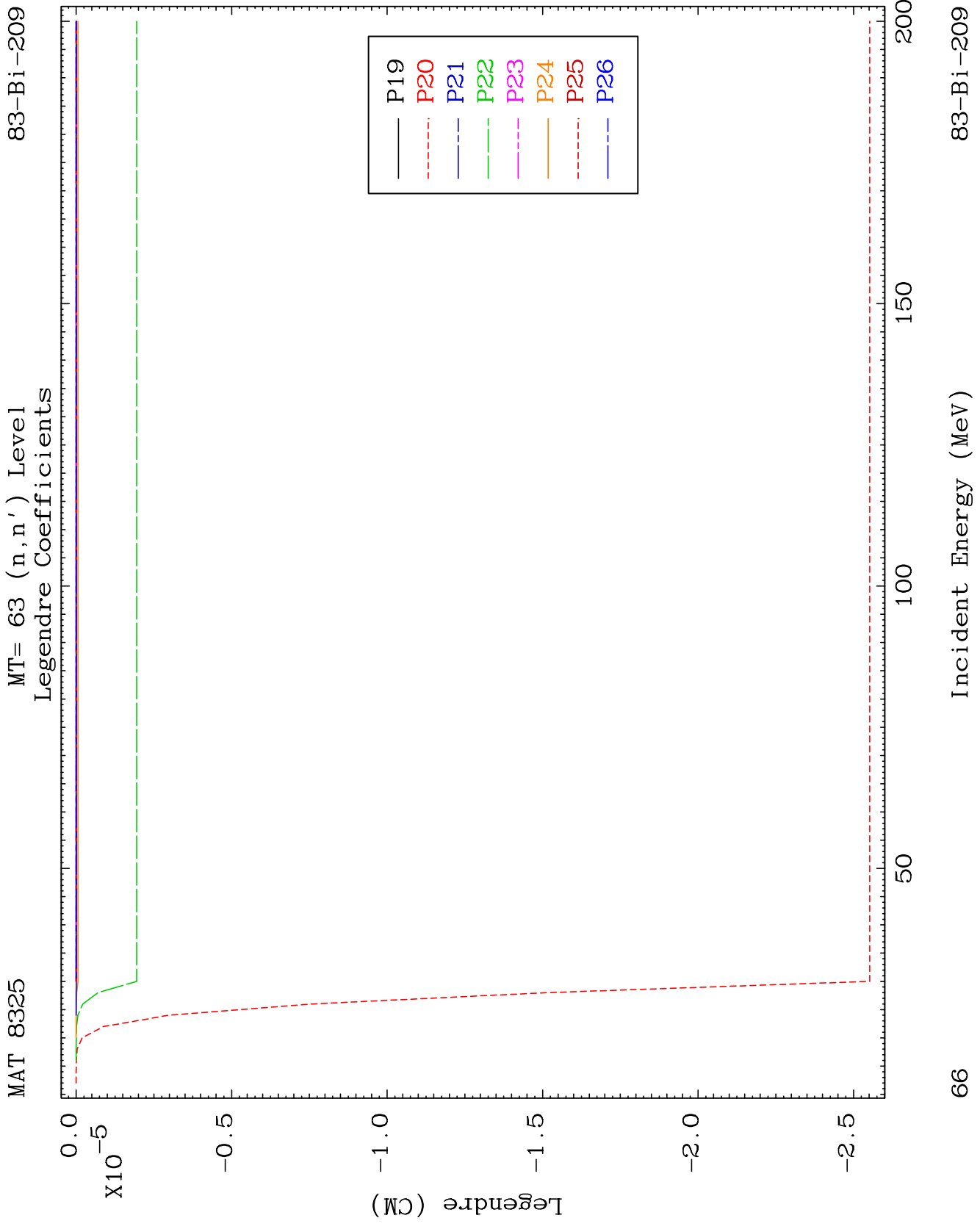


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Incident Energy (MeV)

83-Bi-209

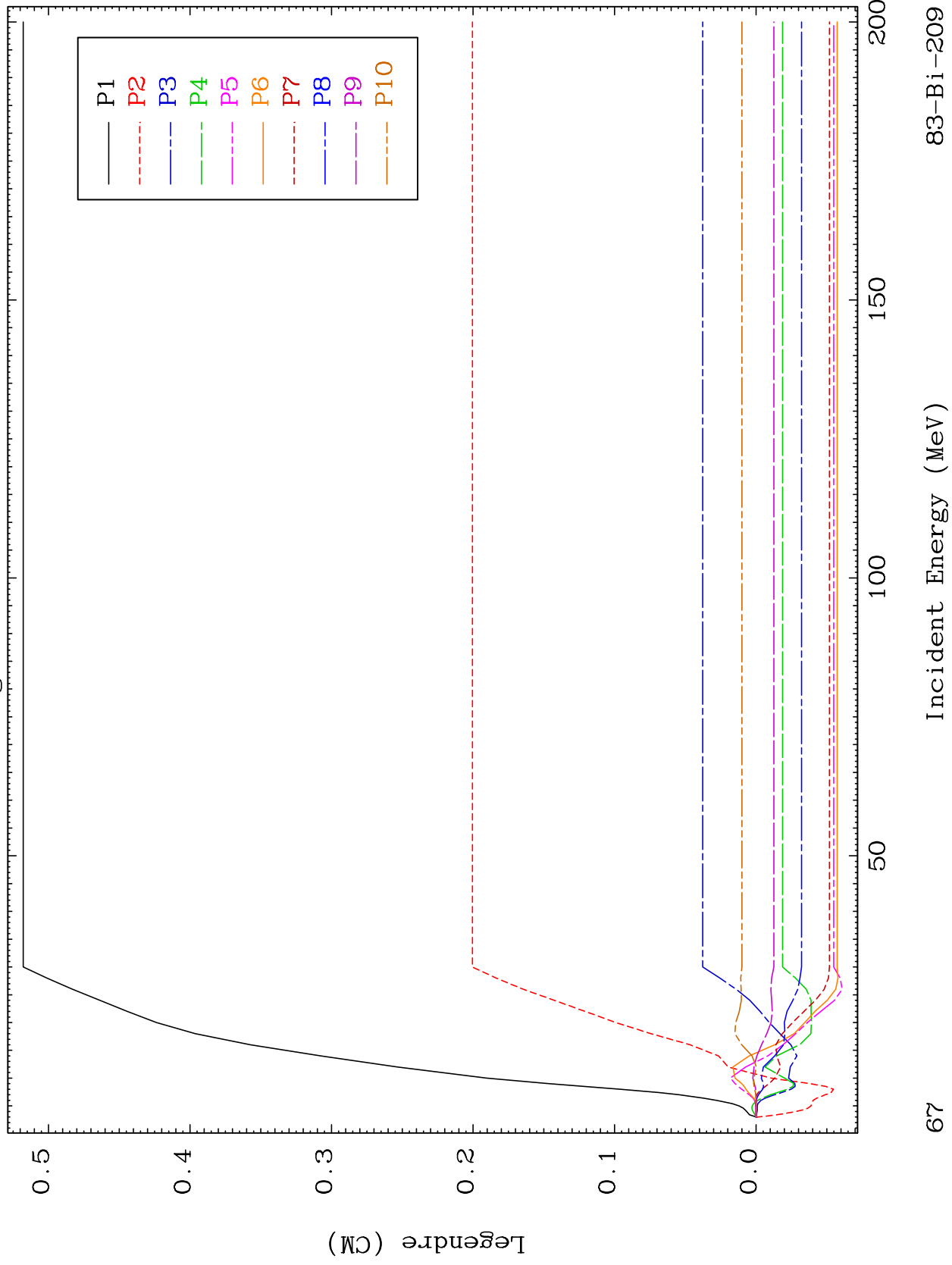




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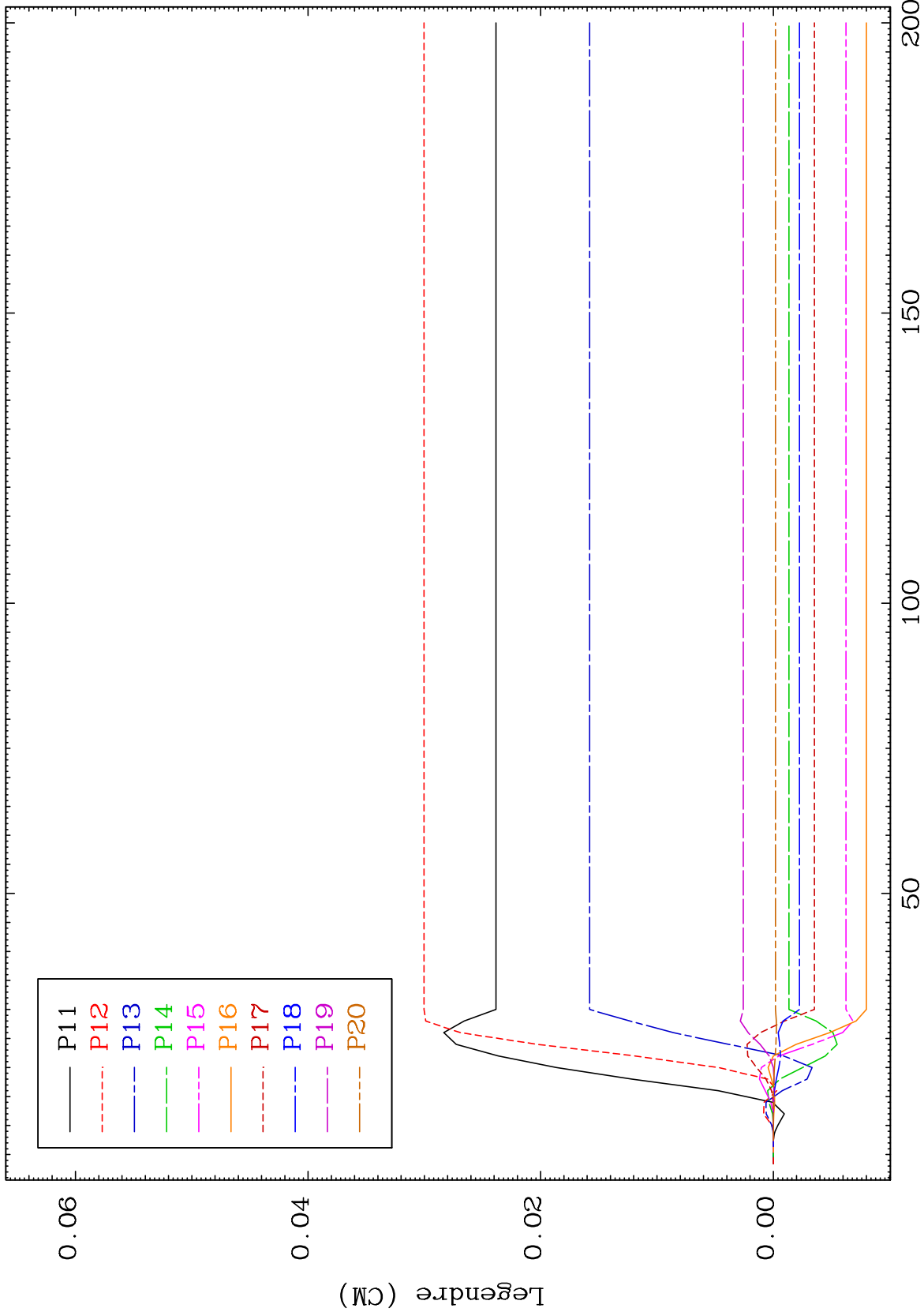
MT= 64 (n,n') Level  
Legendre Coefficients

83-Bi-209



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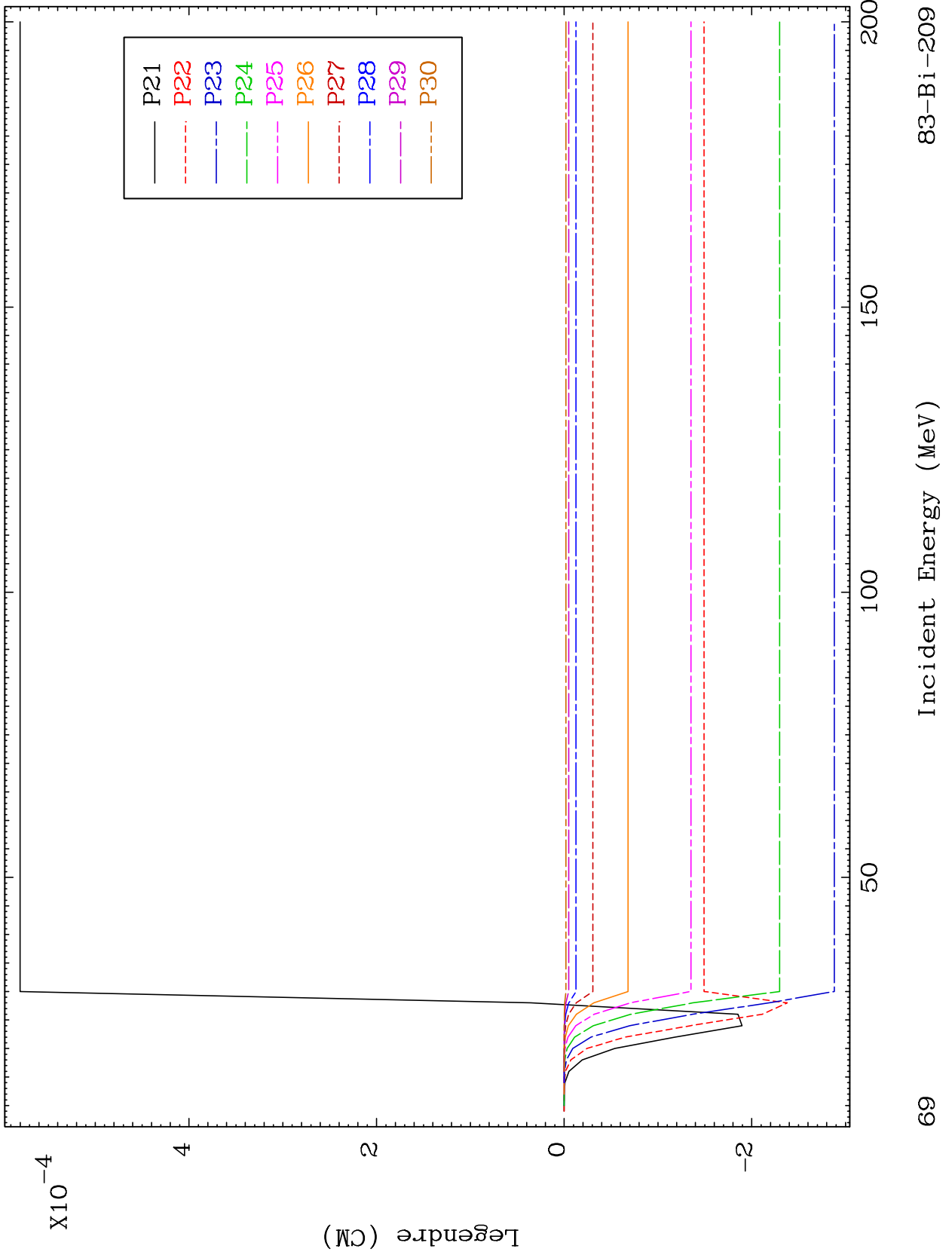
83-Bi-209



MAT 8325

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

83-Bi-209

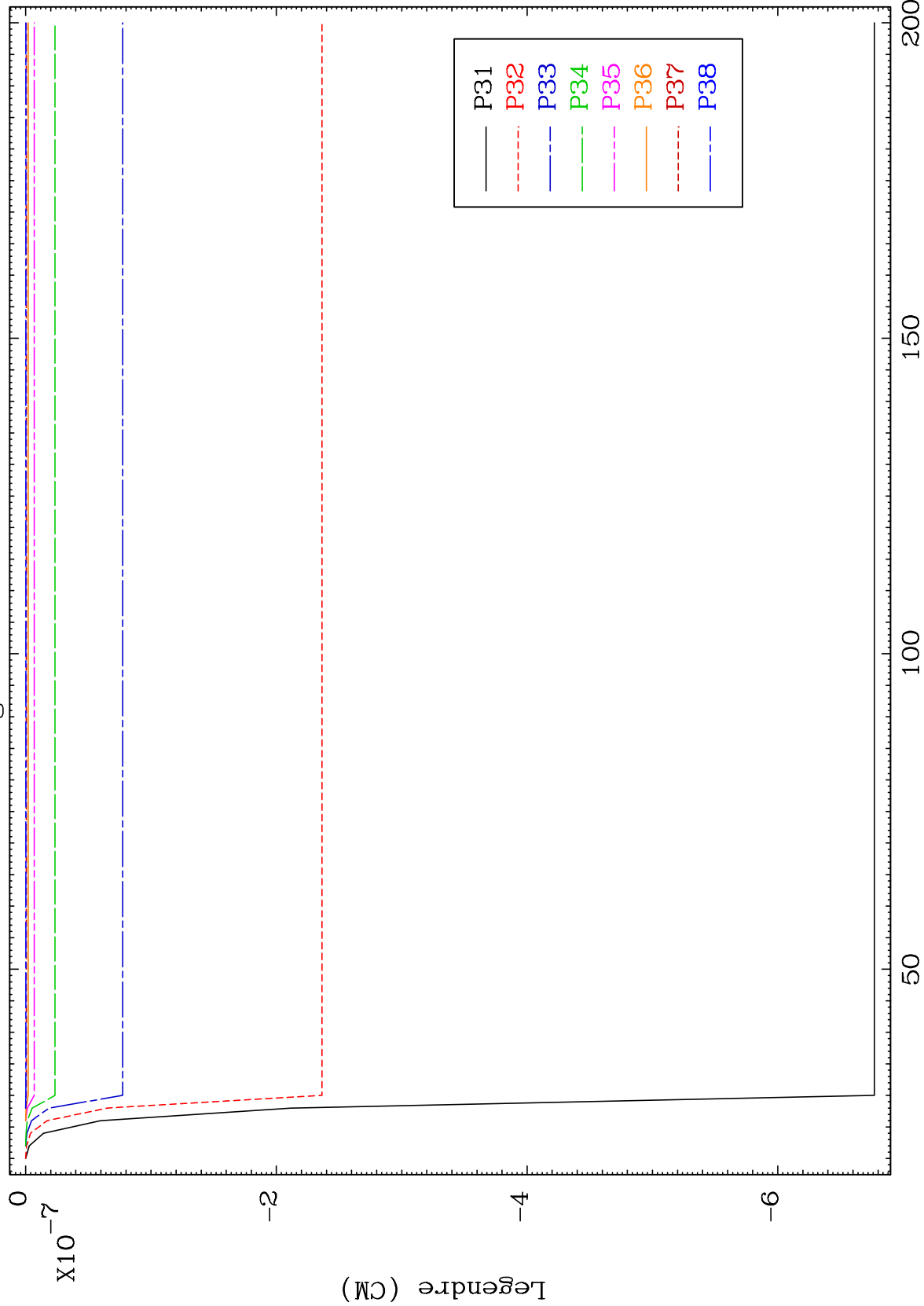


MAT 8325

MT= 64 (n,n') Level

83-Bi-209

Legendre Coefficients



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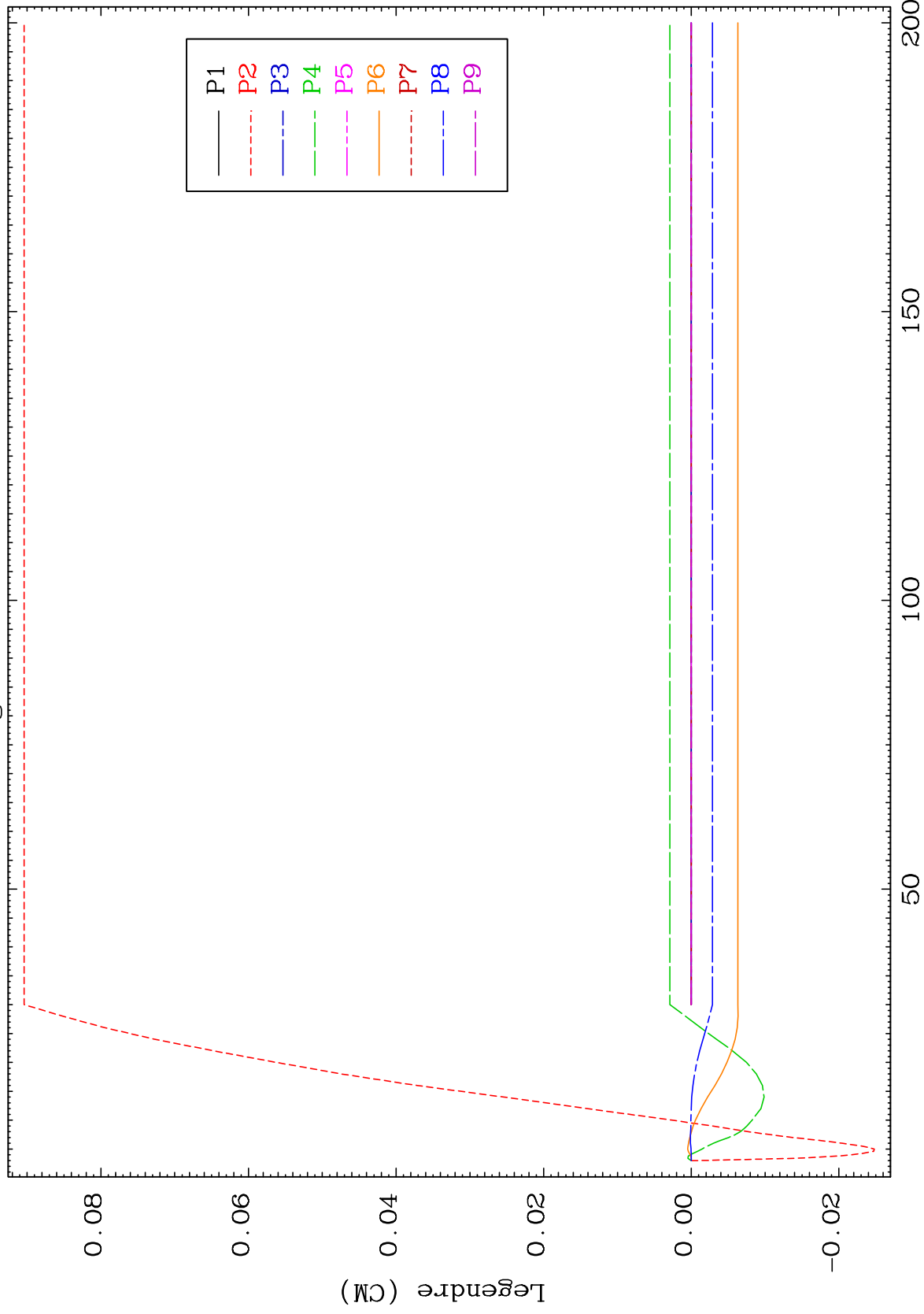
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



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Incident Energy (MeV)

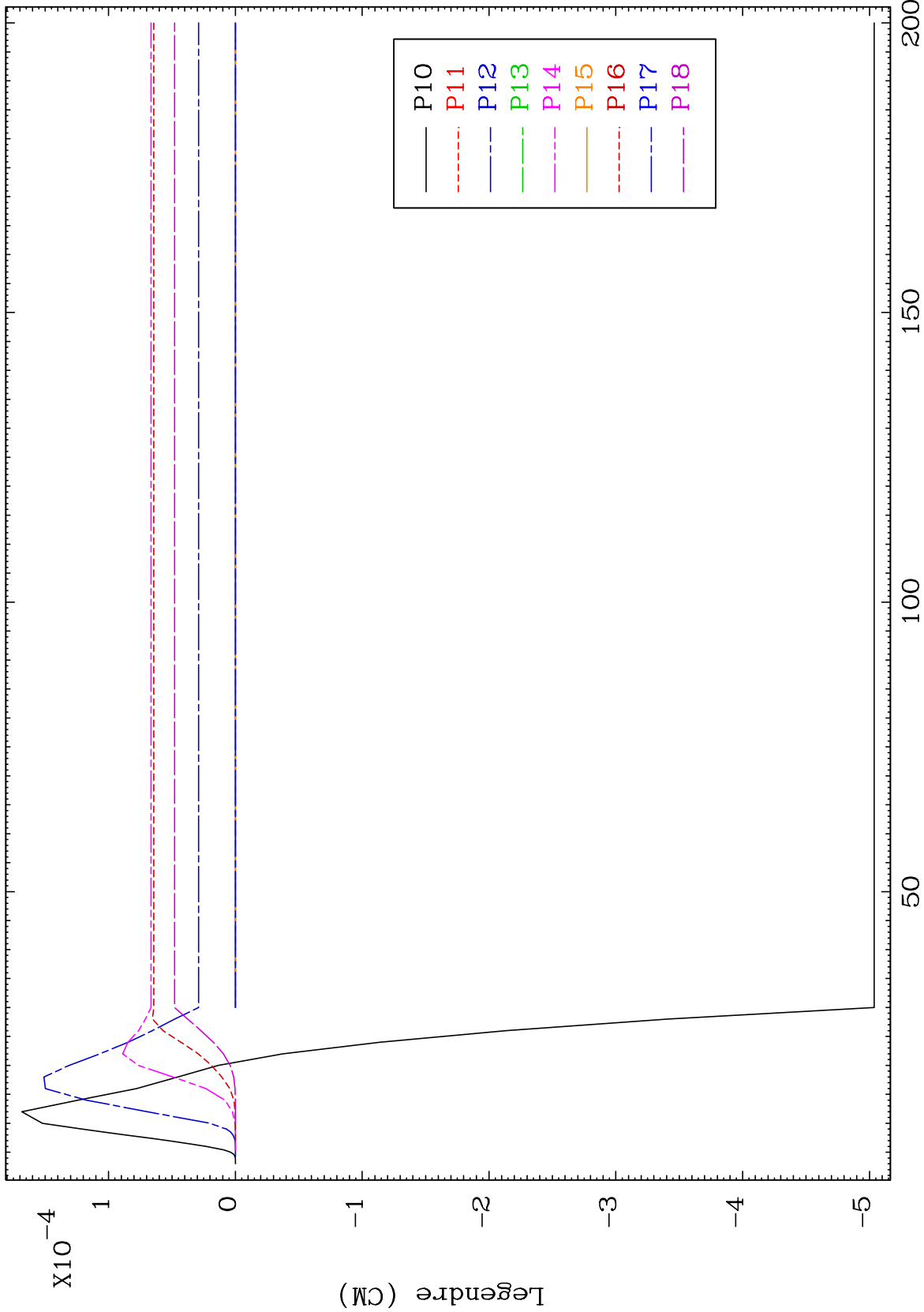
83-Bi-209



MAT 8325

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

83-Bi-209



72

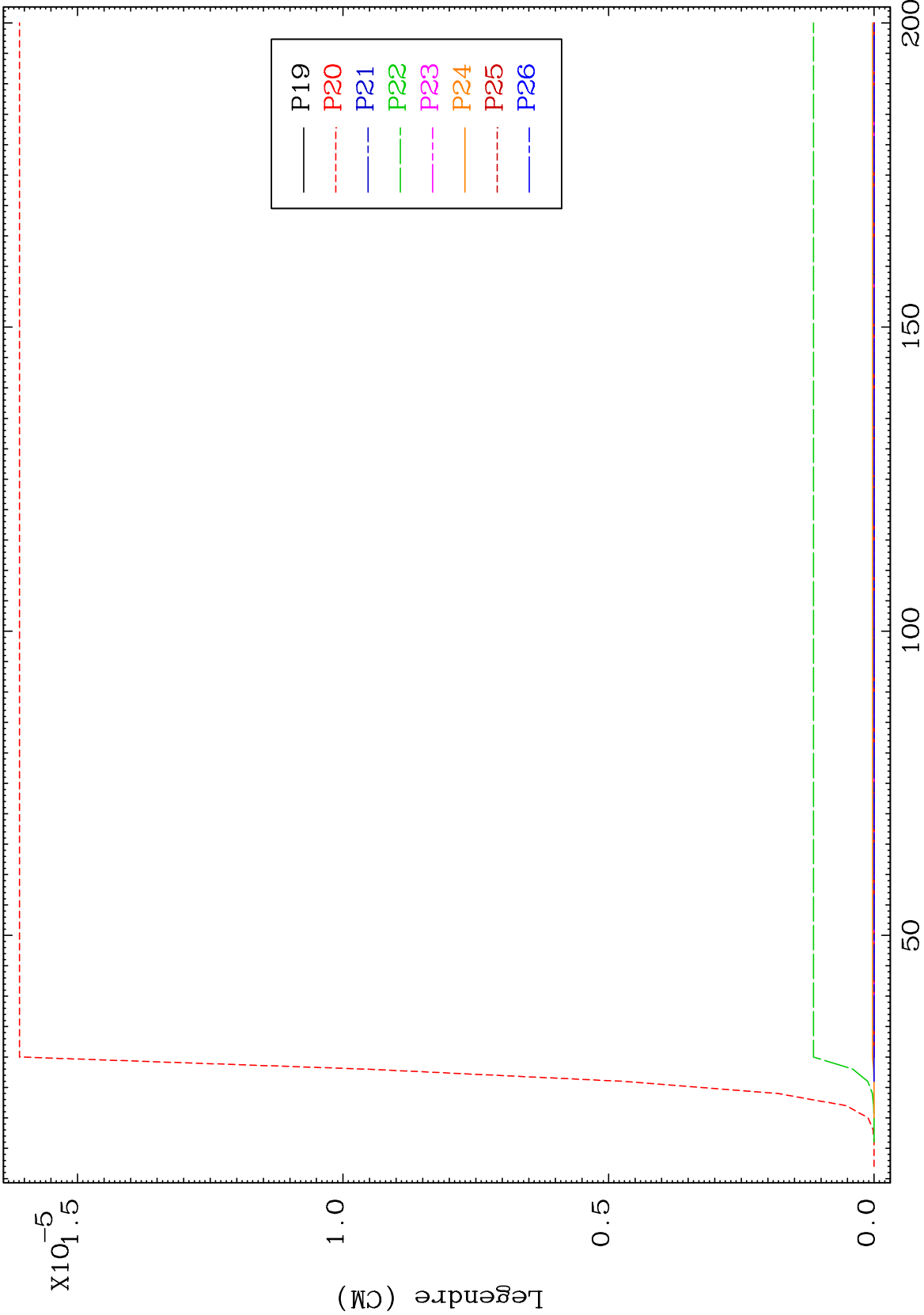
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



73

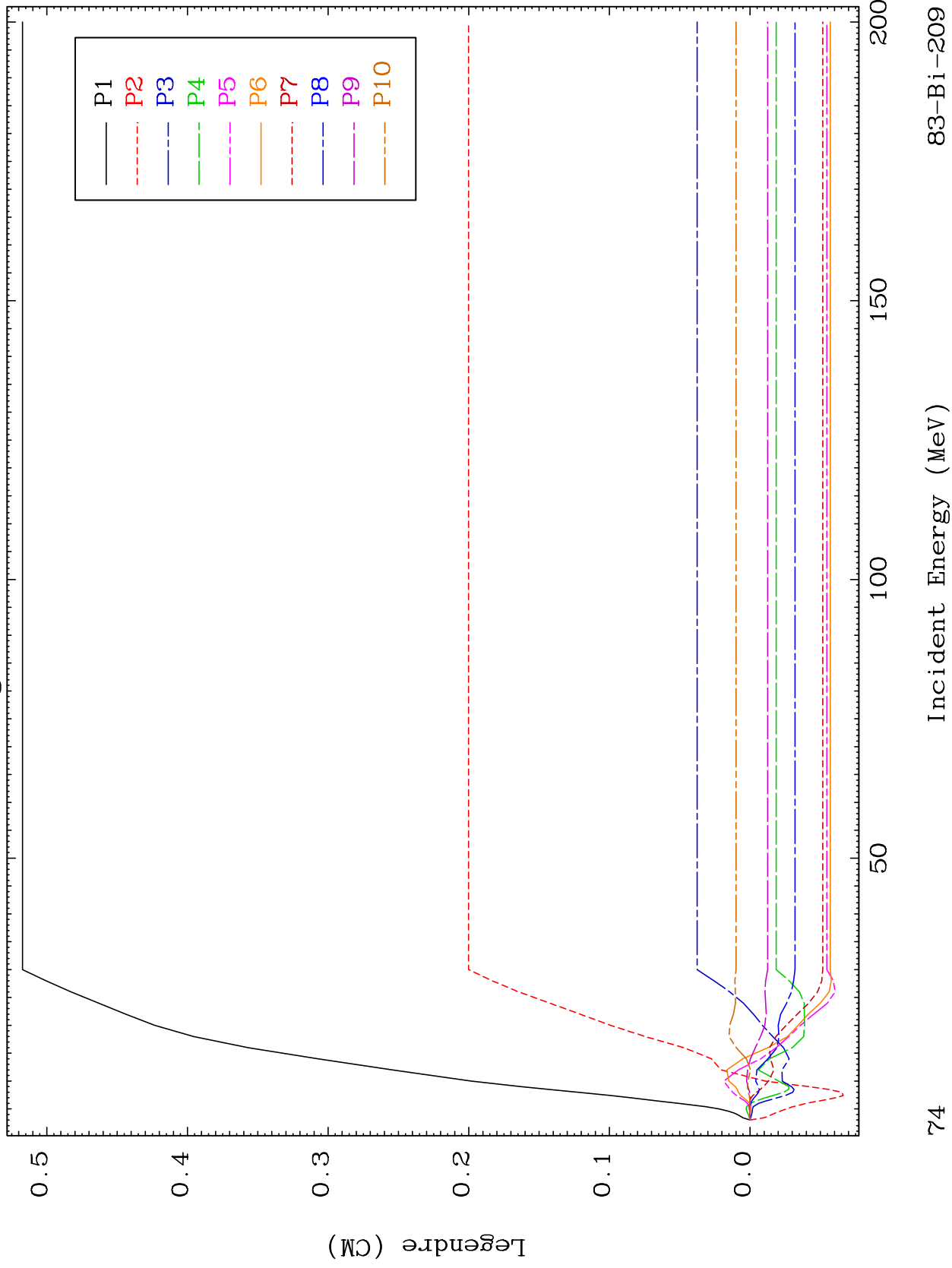
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

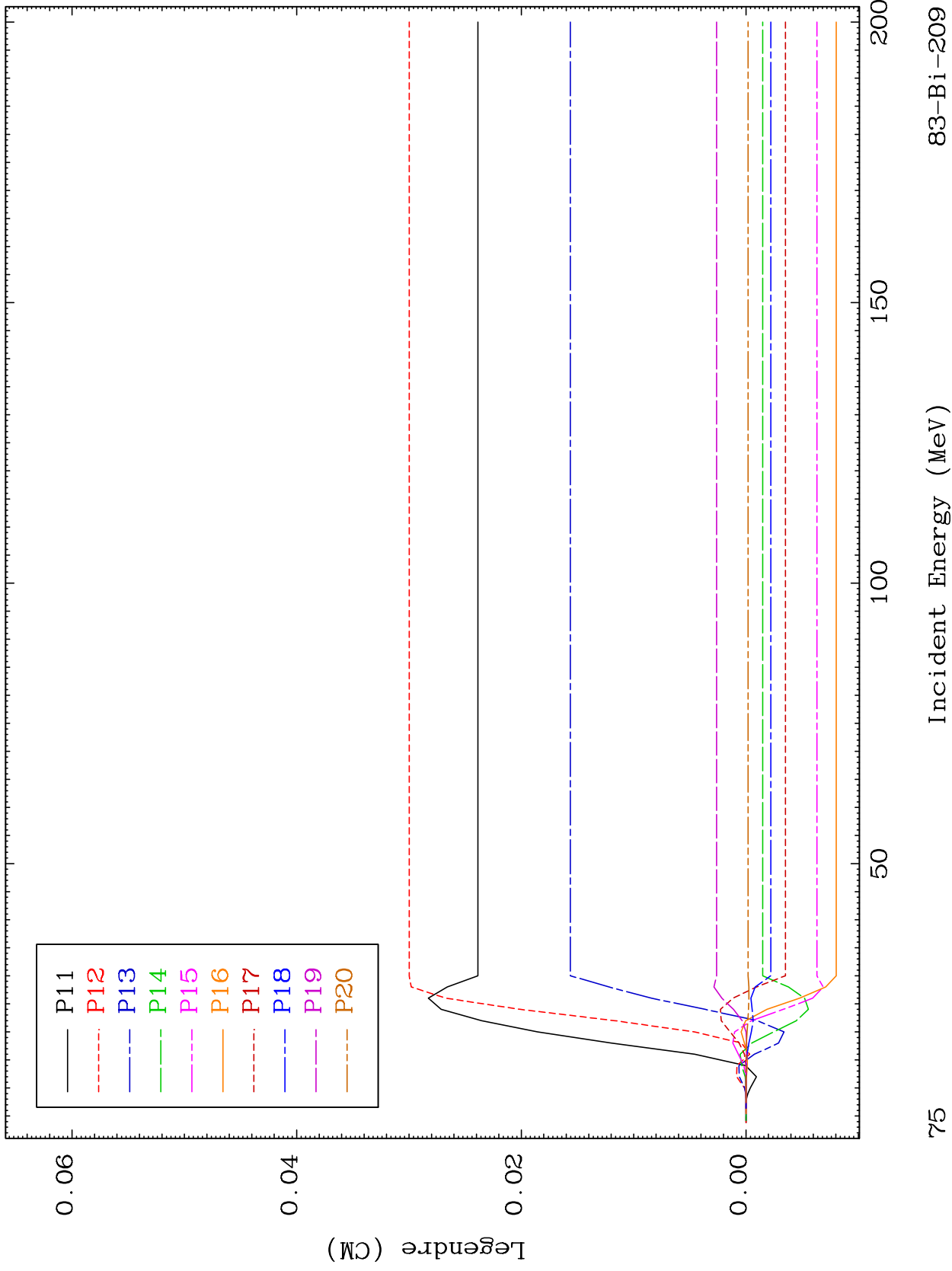
83-Bi-209



MAT 8325

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

83-Bi-209



75

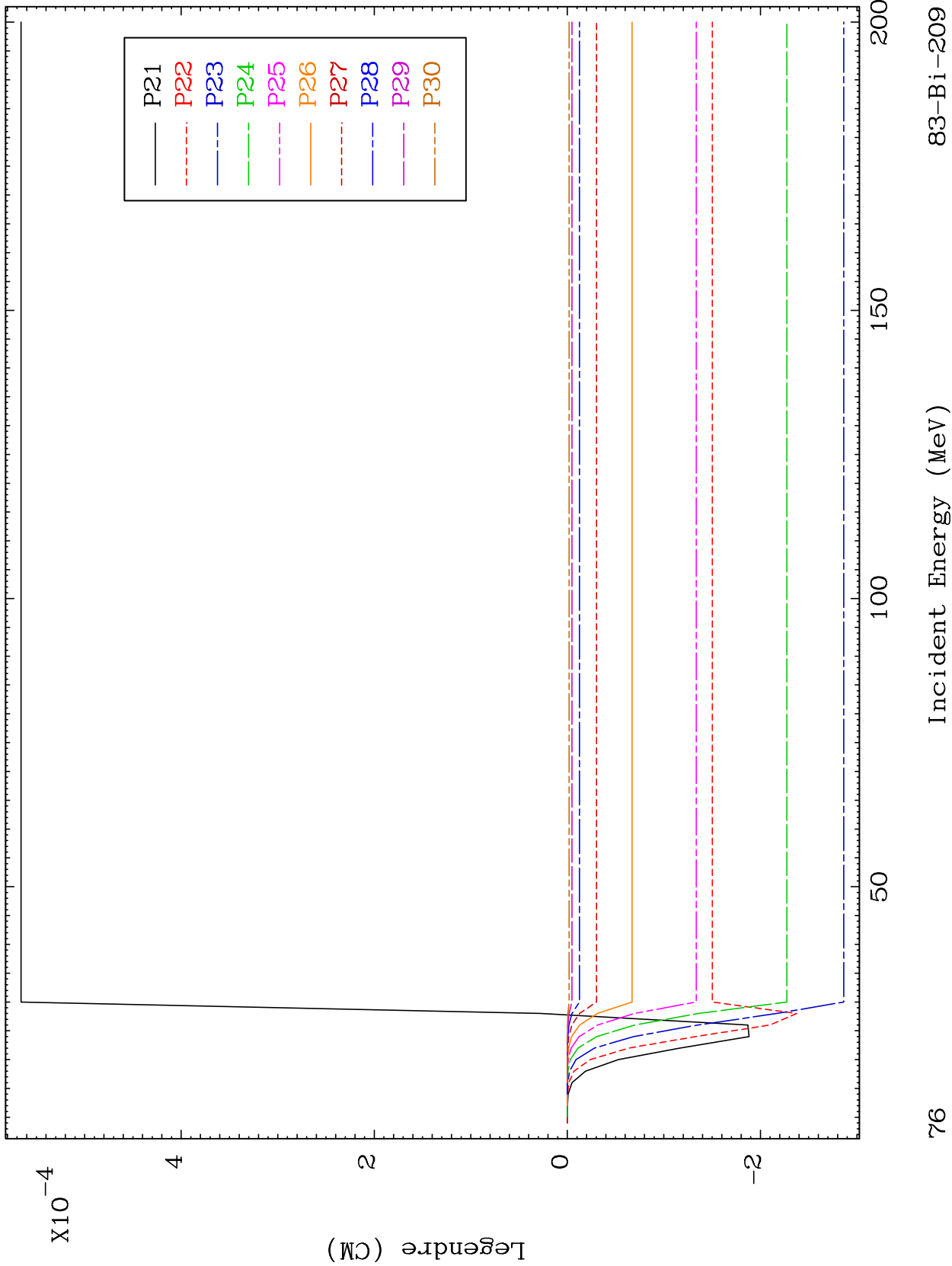
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



76

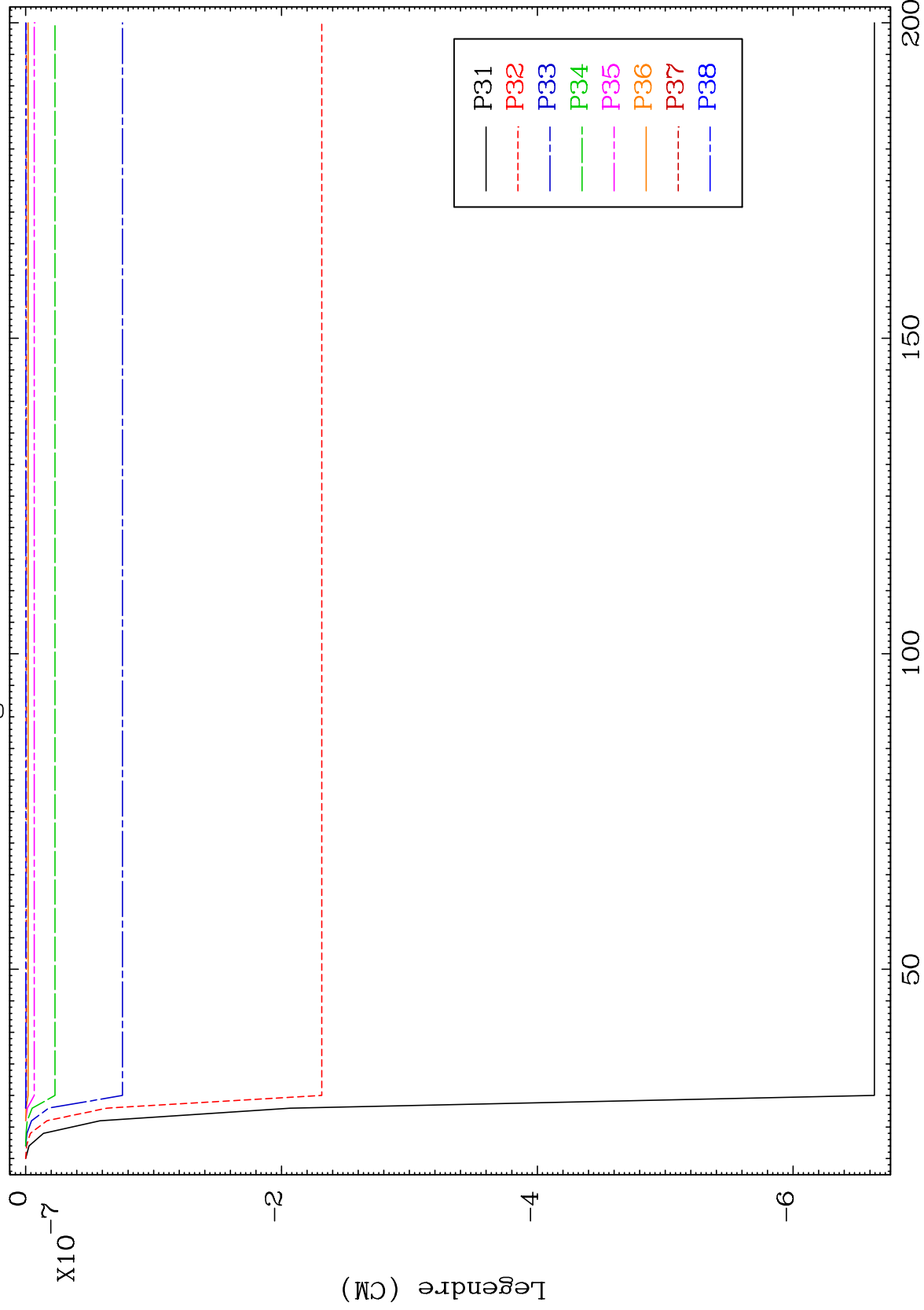
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



77

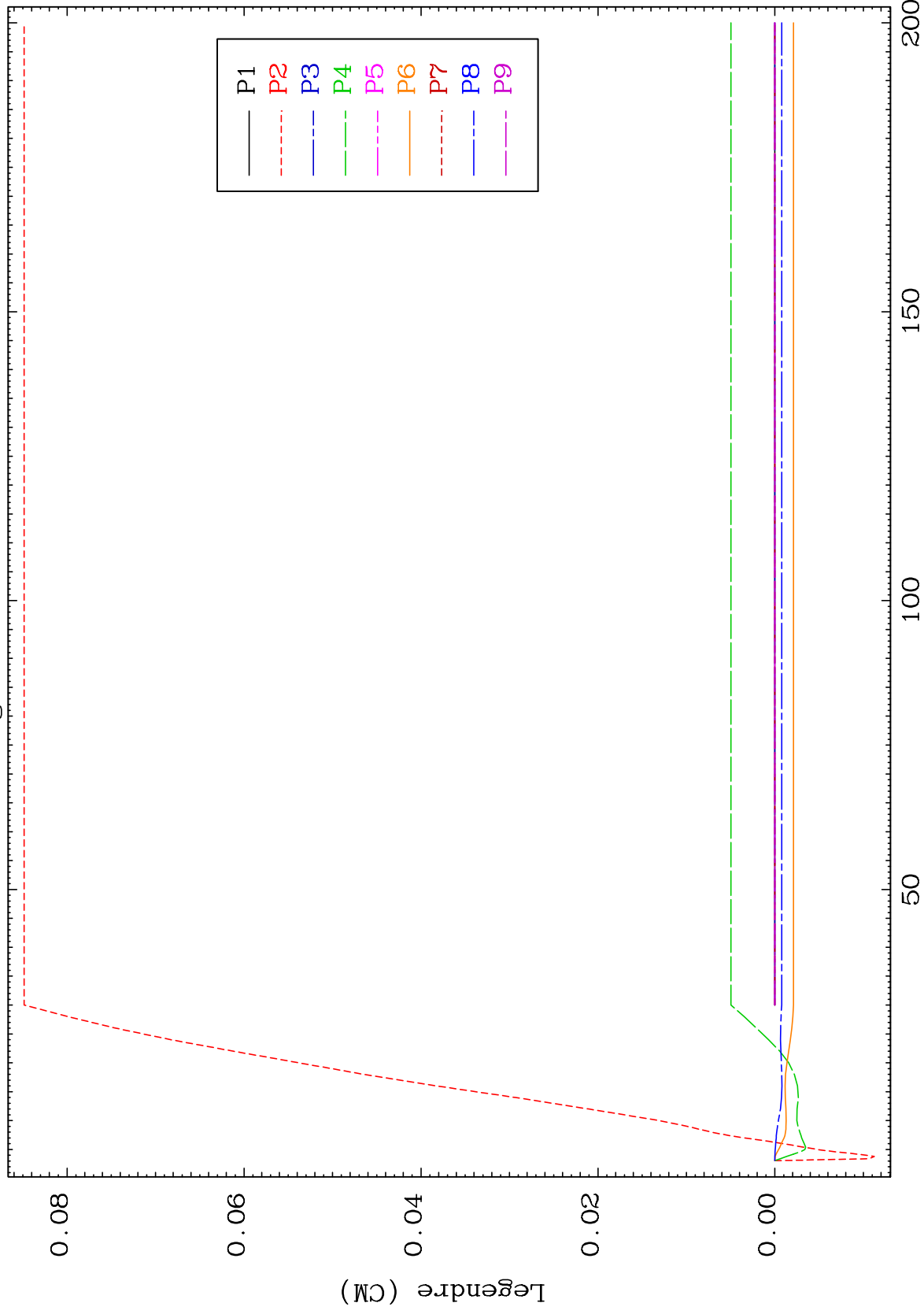
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



78

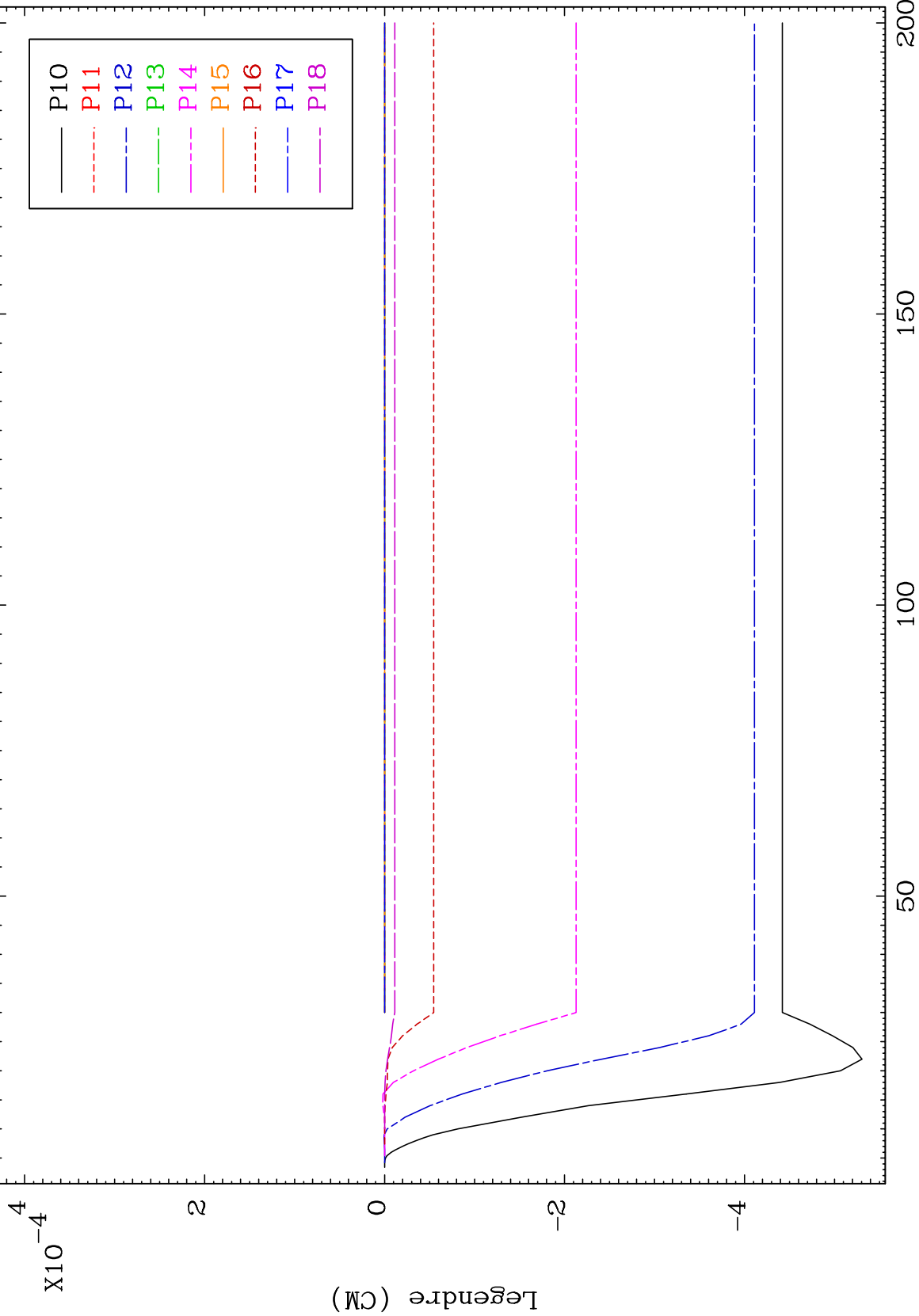
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



79

Incident Energy (MeV)

83-Bi-209

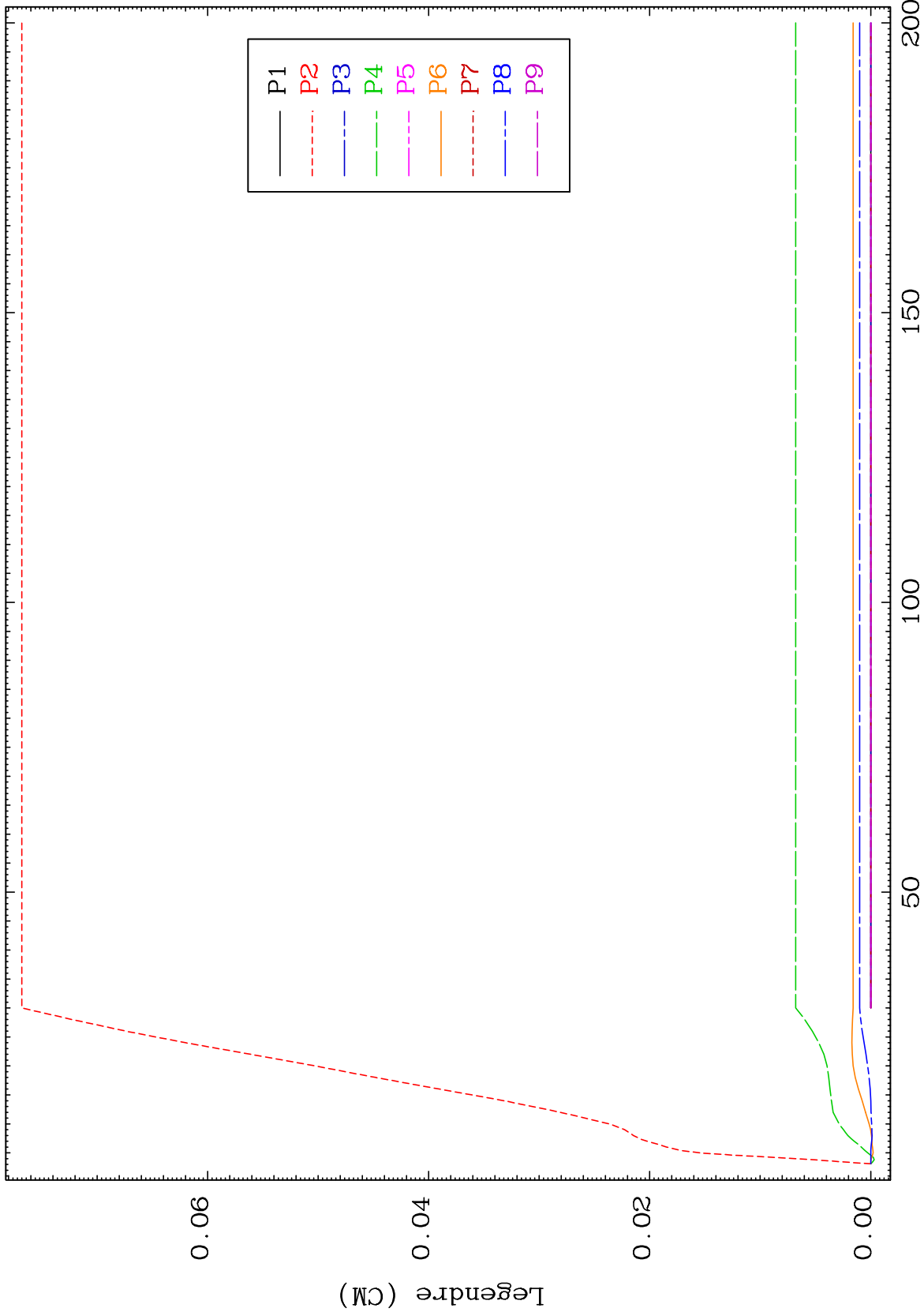




MAT 8325

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

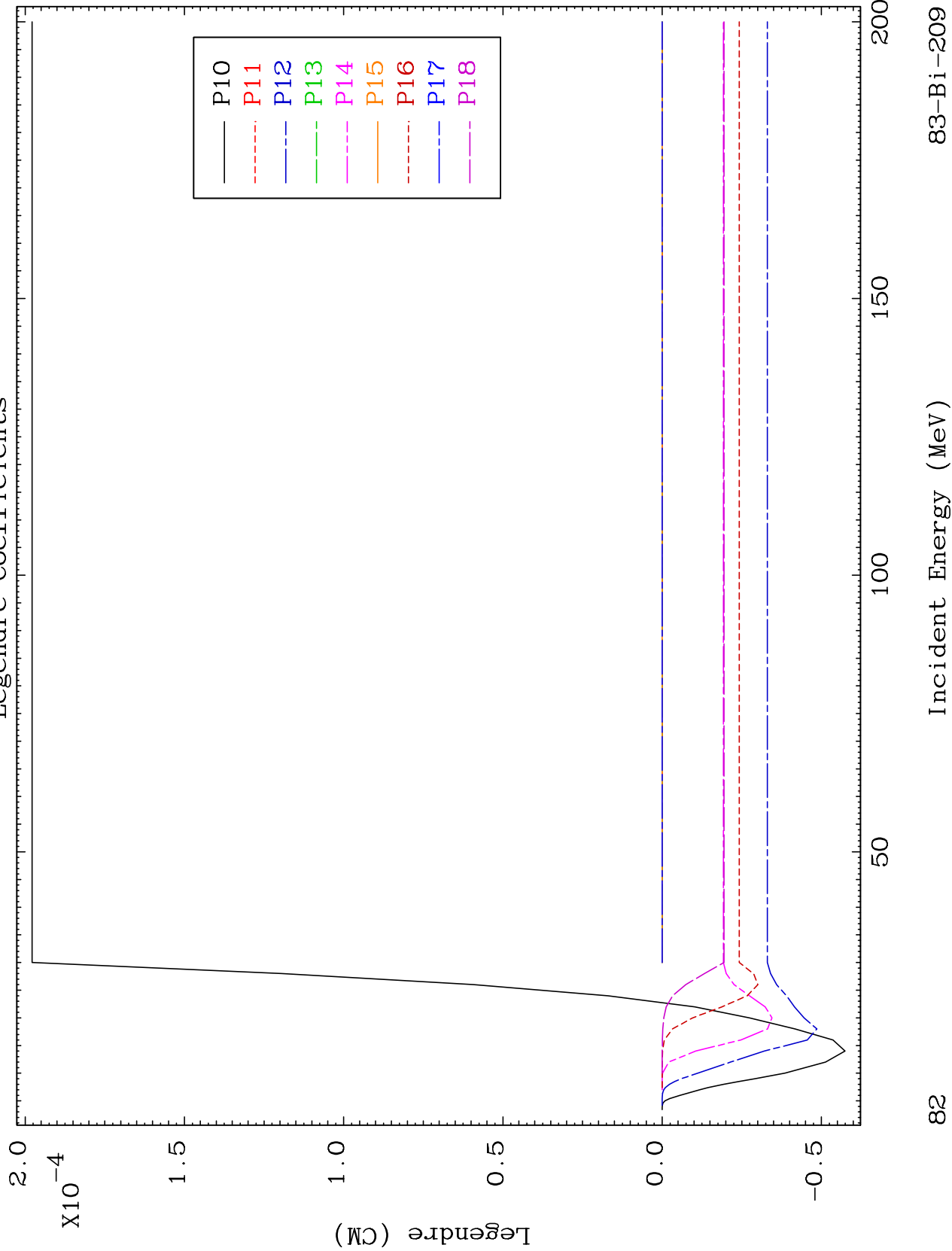
83-Bi-209



81

Incident Energy (MeV)

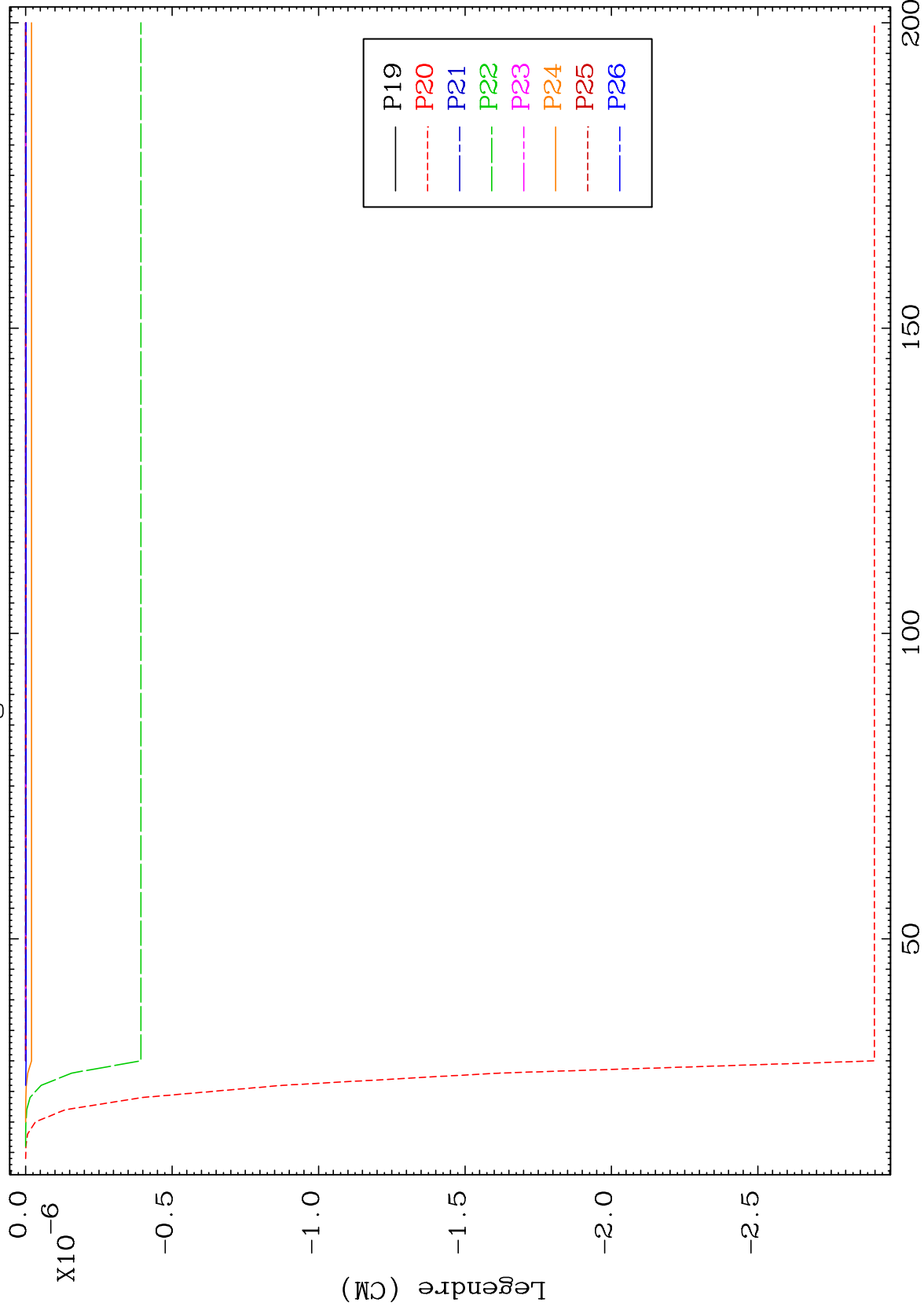
83-Bi-209



MAT 8325

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

83-Bi-209



83

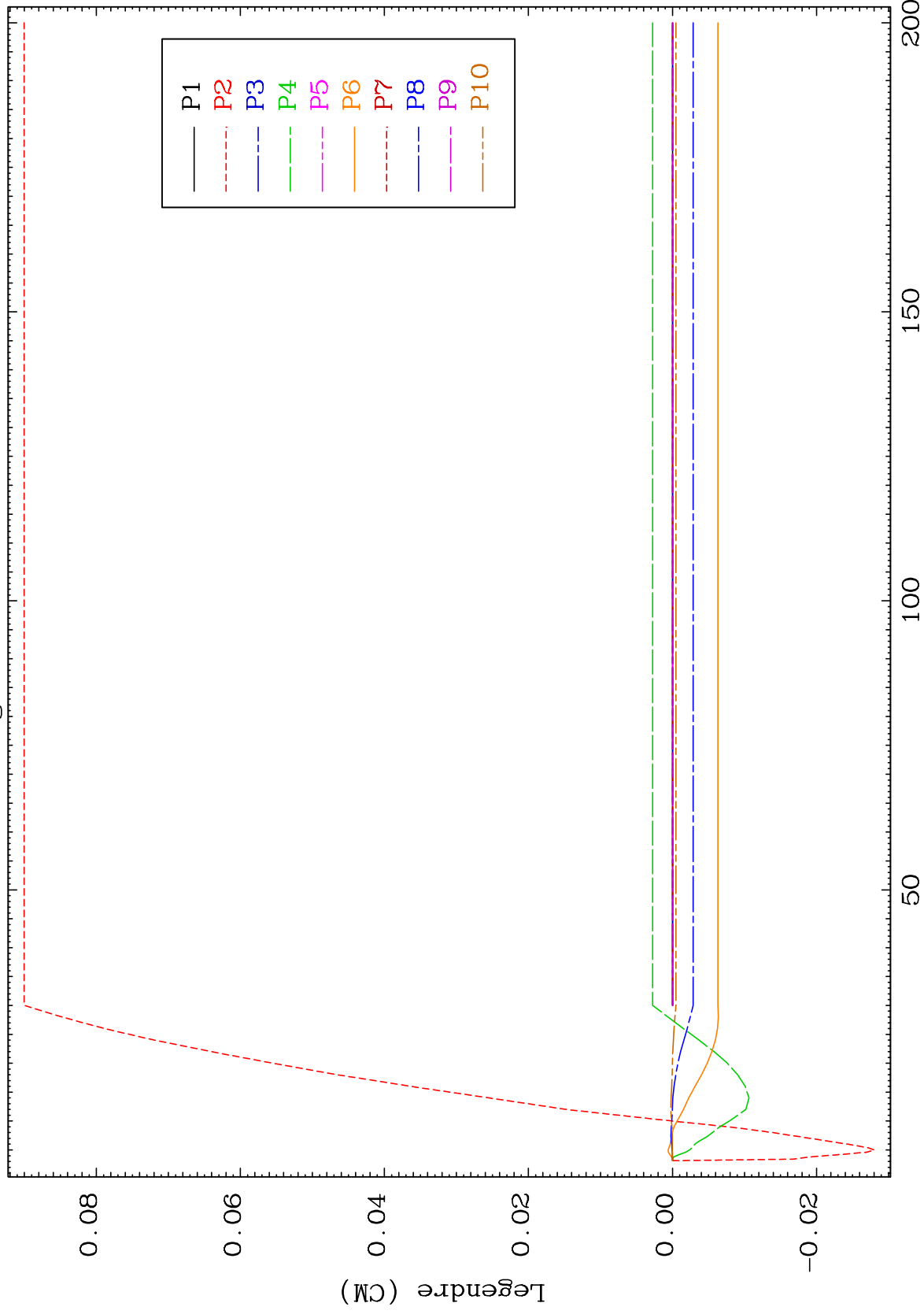
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



84

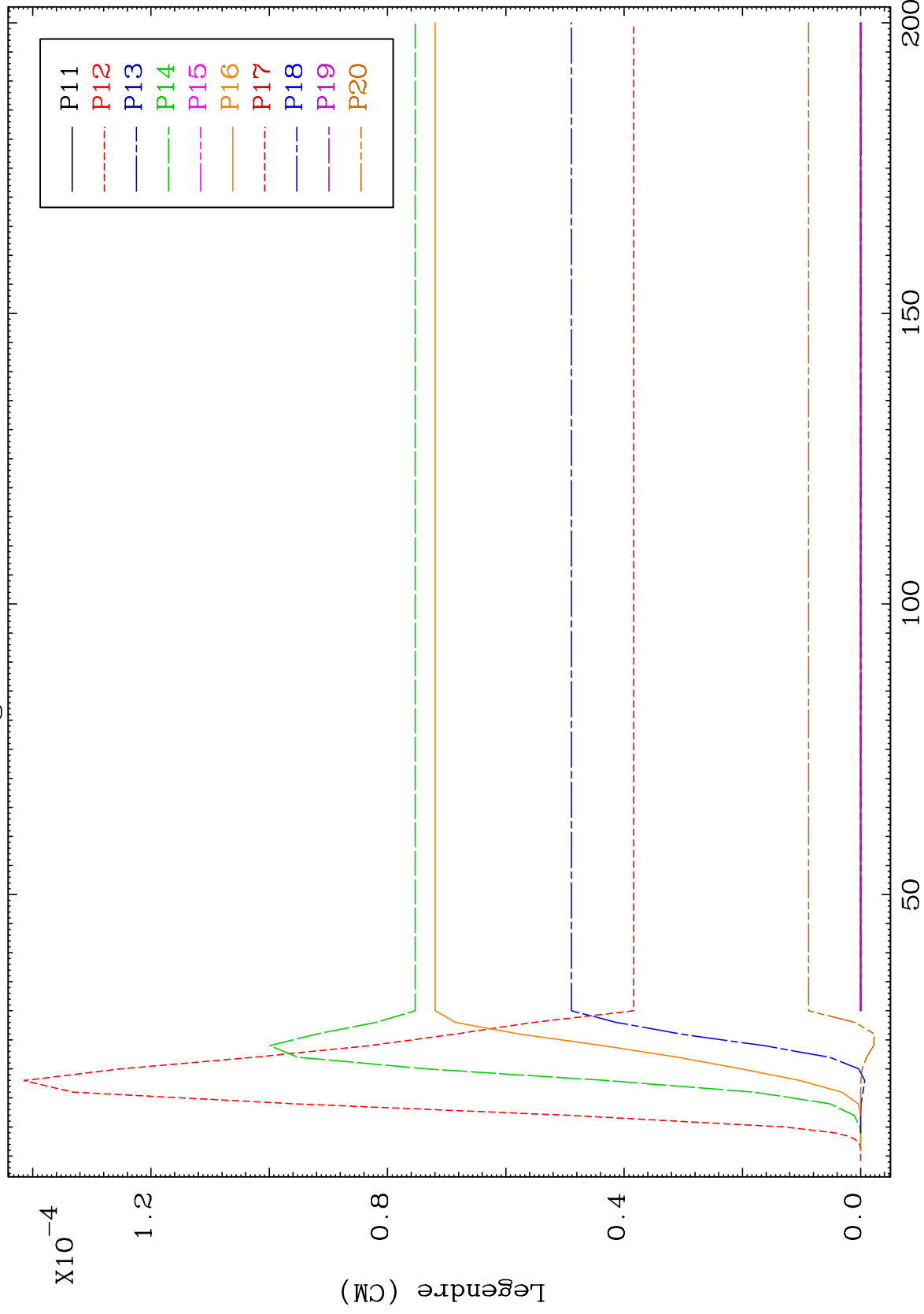
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

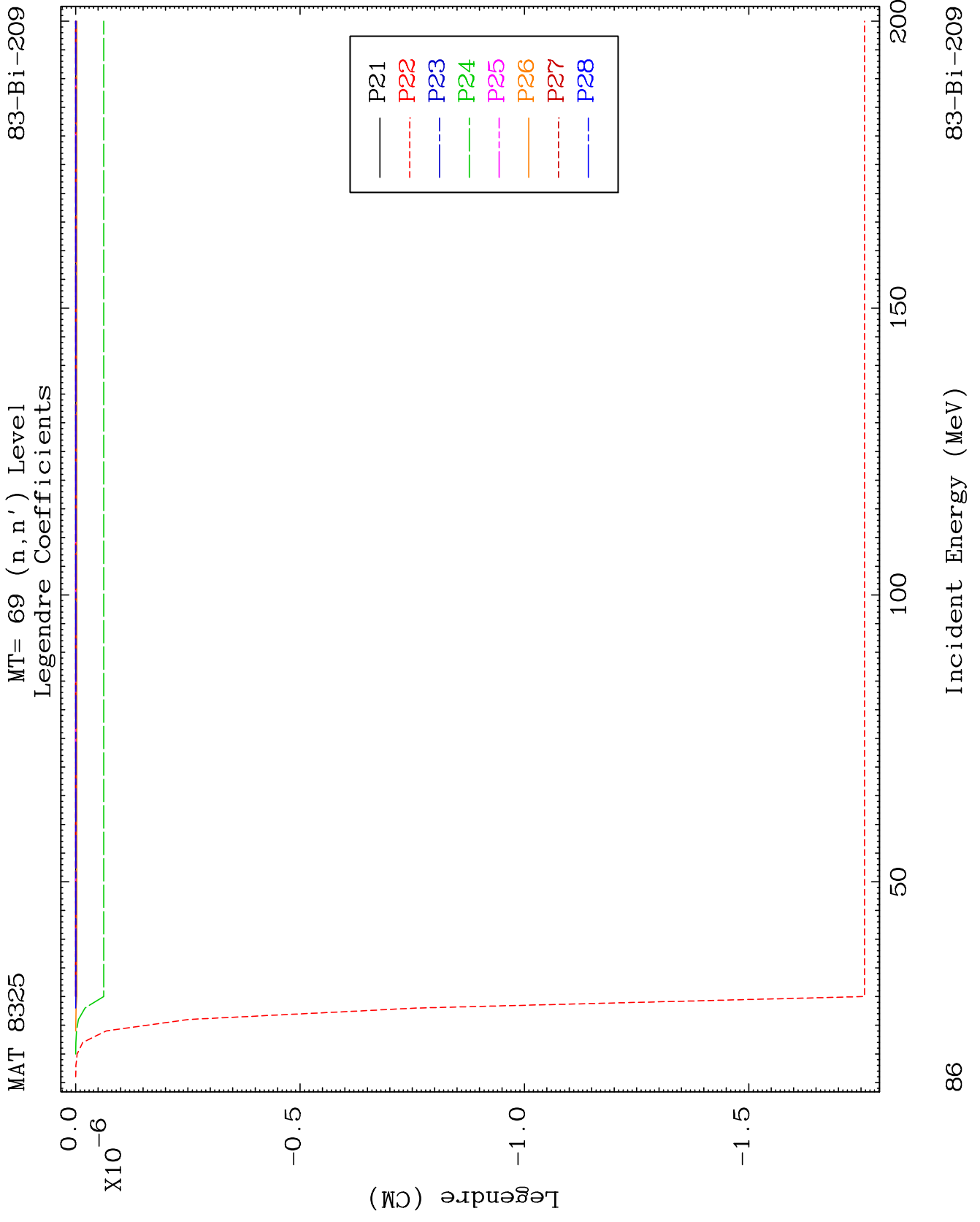
83-Bi-209

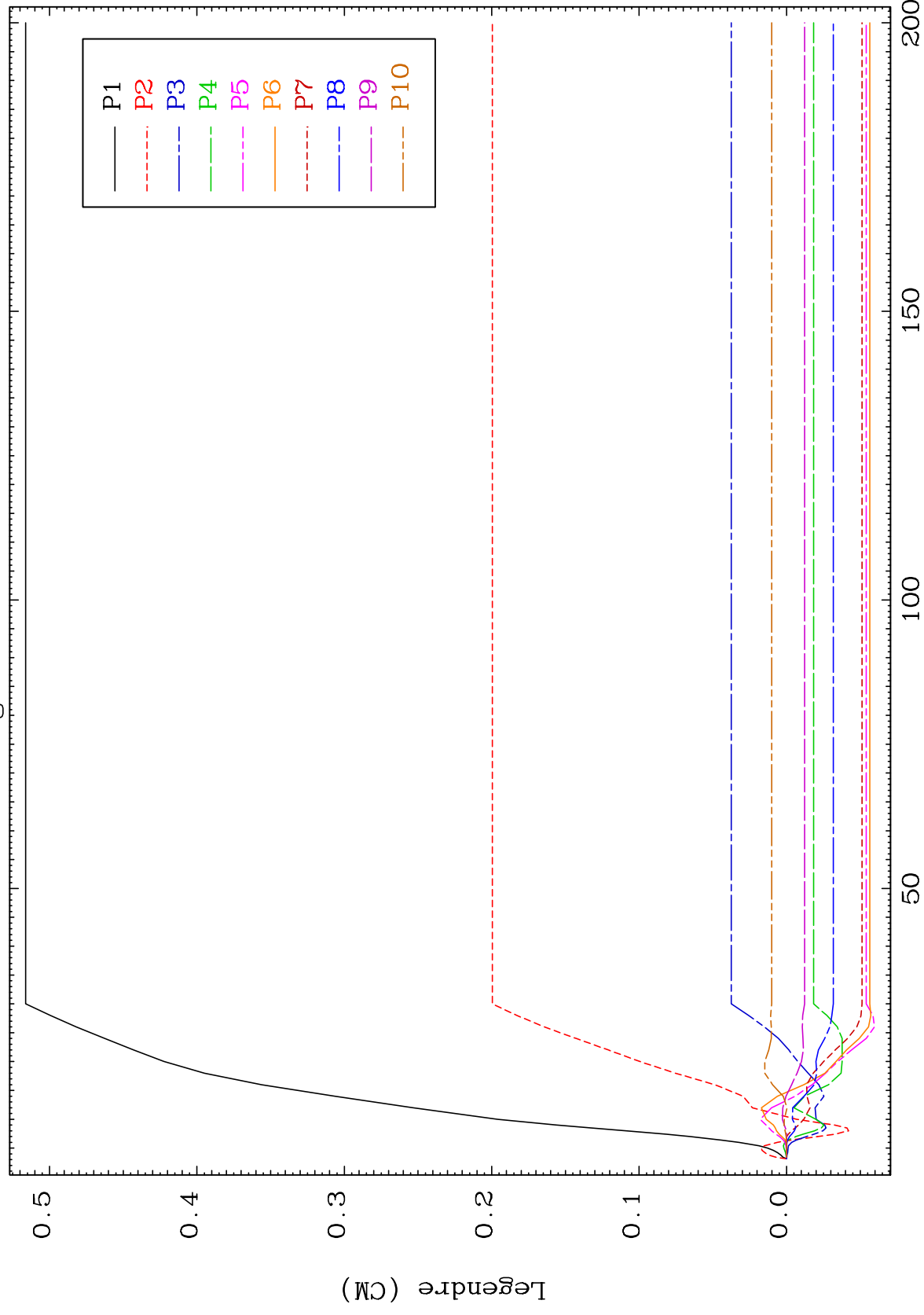


85

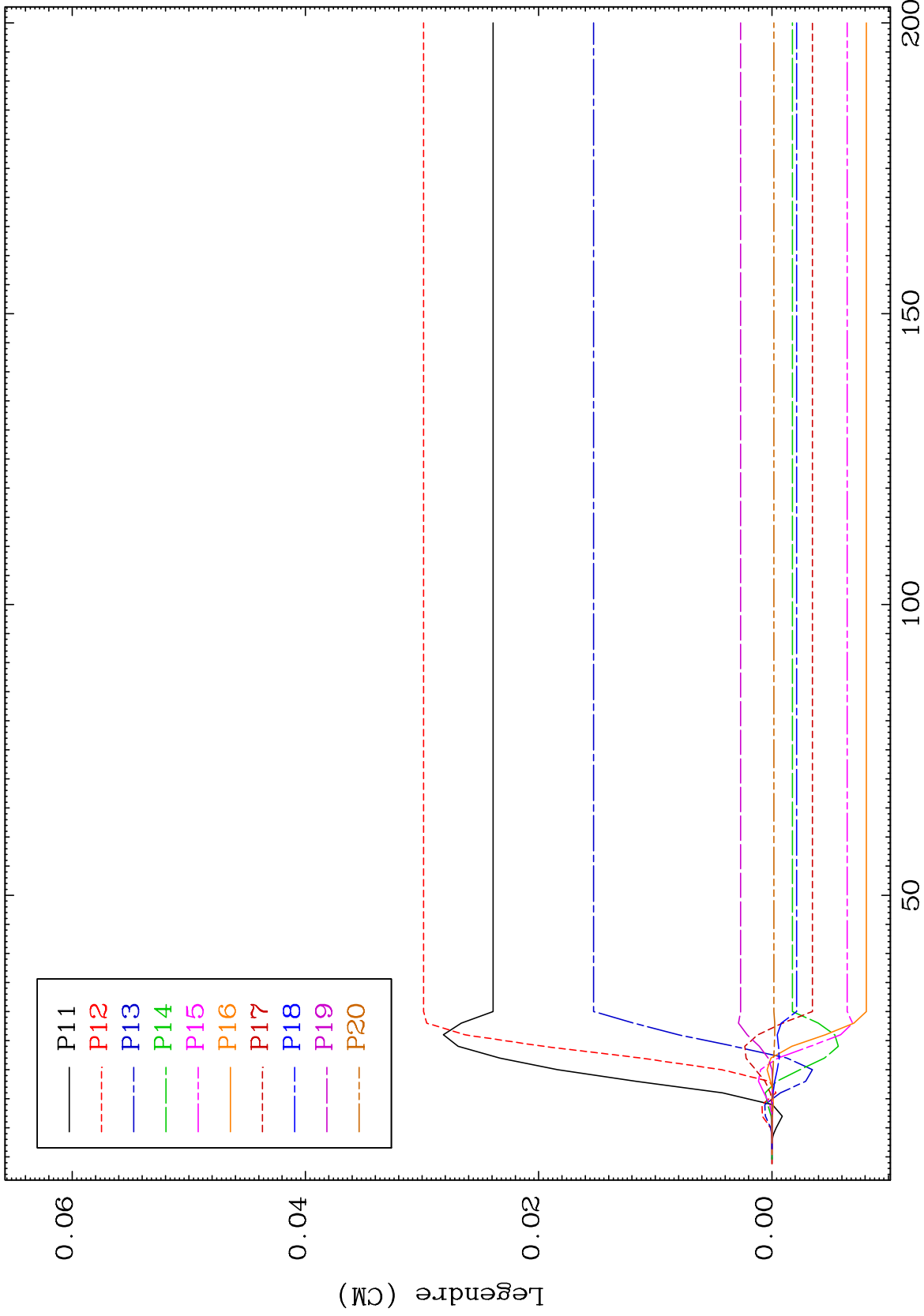
Incident Energy (MeV)

83-Bi-209





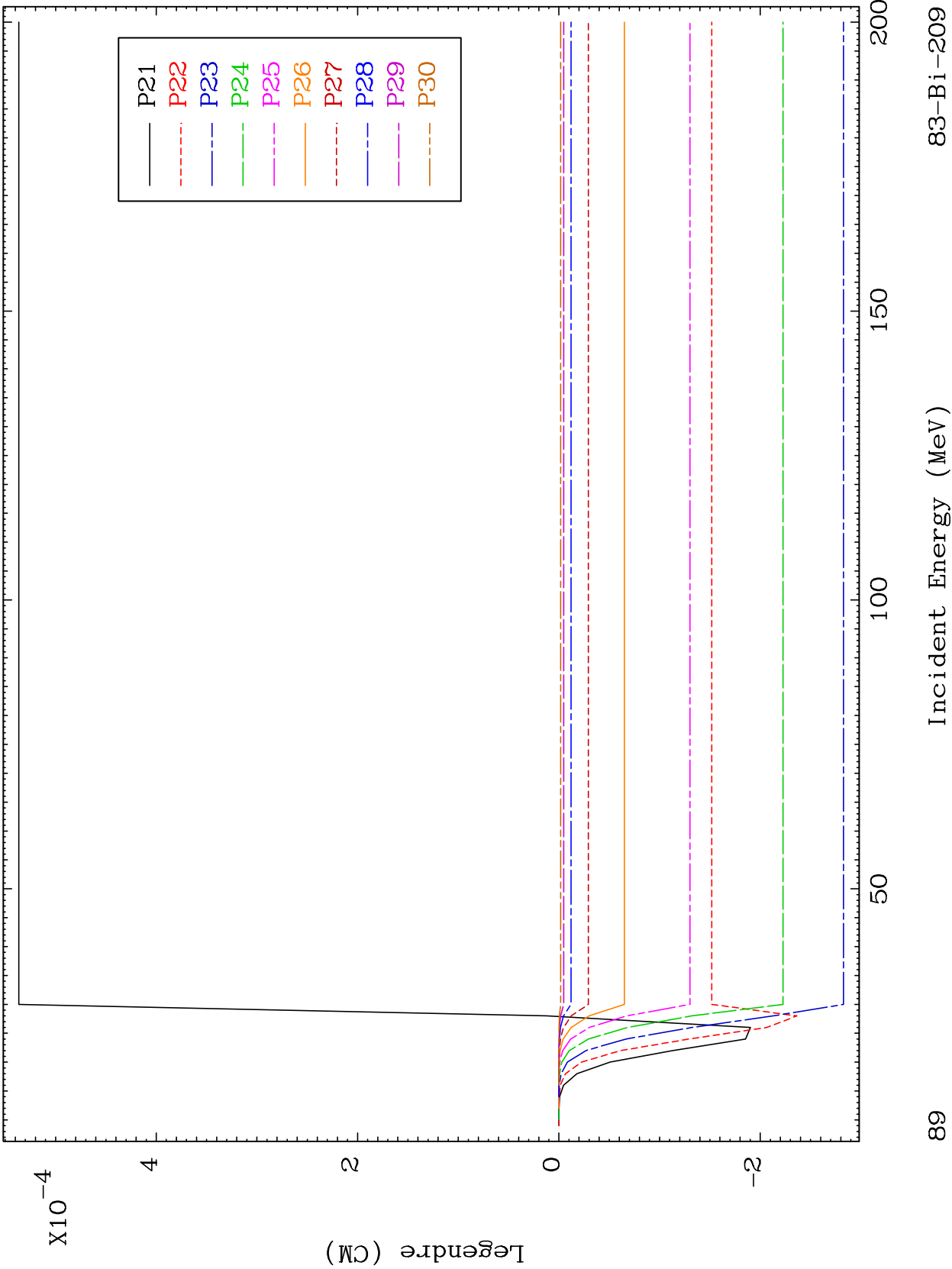




MAT 8325

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

83-Bi-209



89

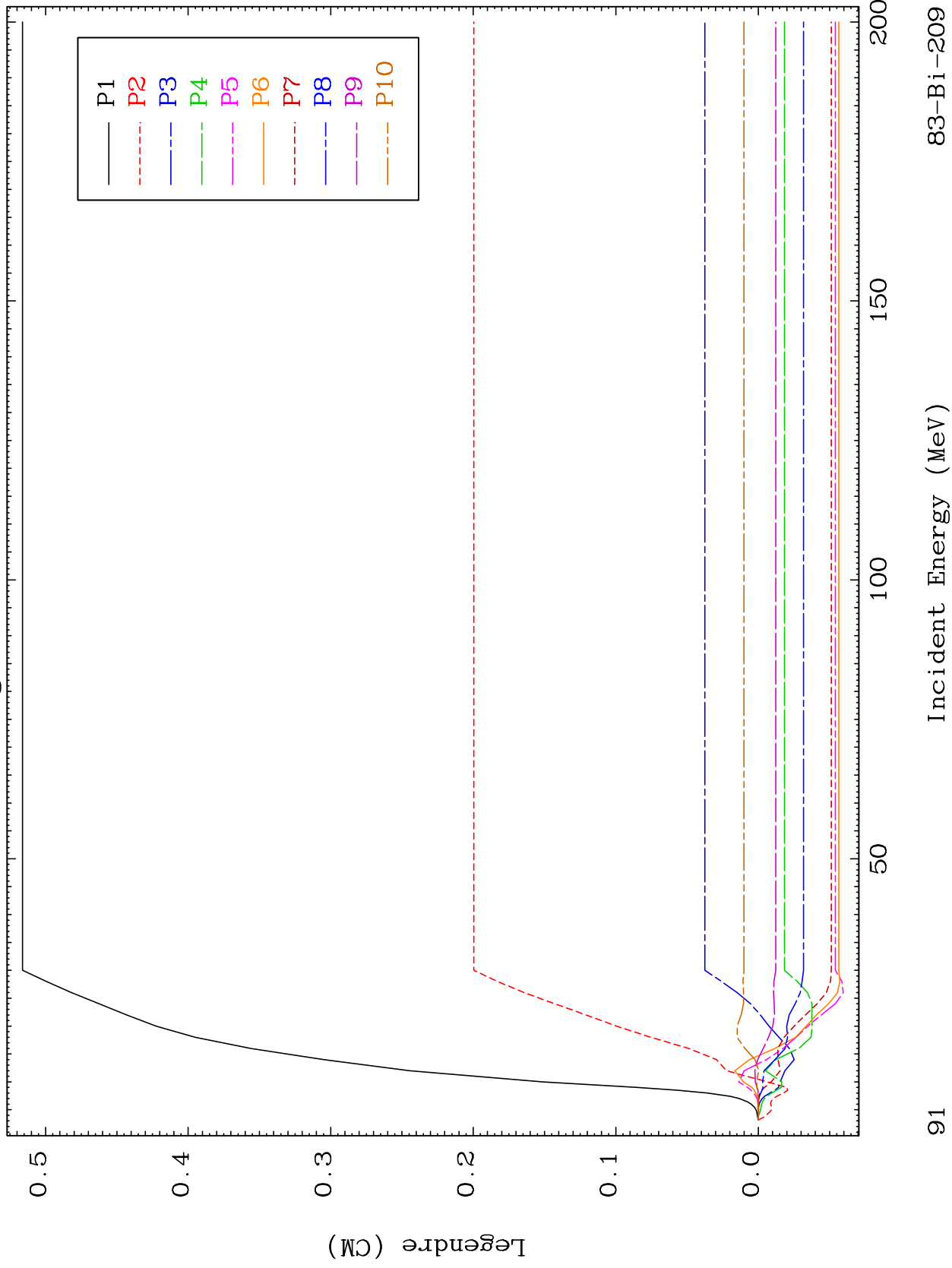
83-Bi-209



MAT 8325

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

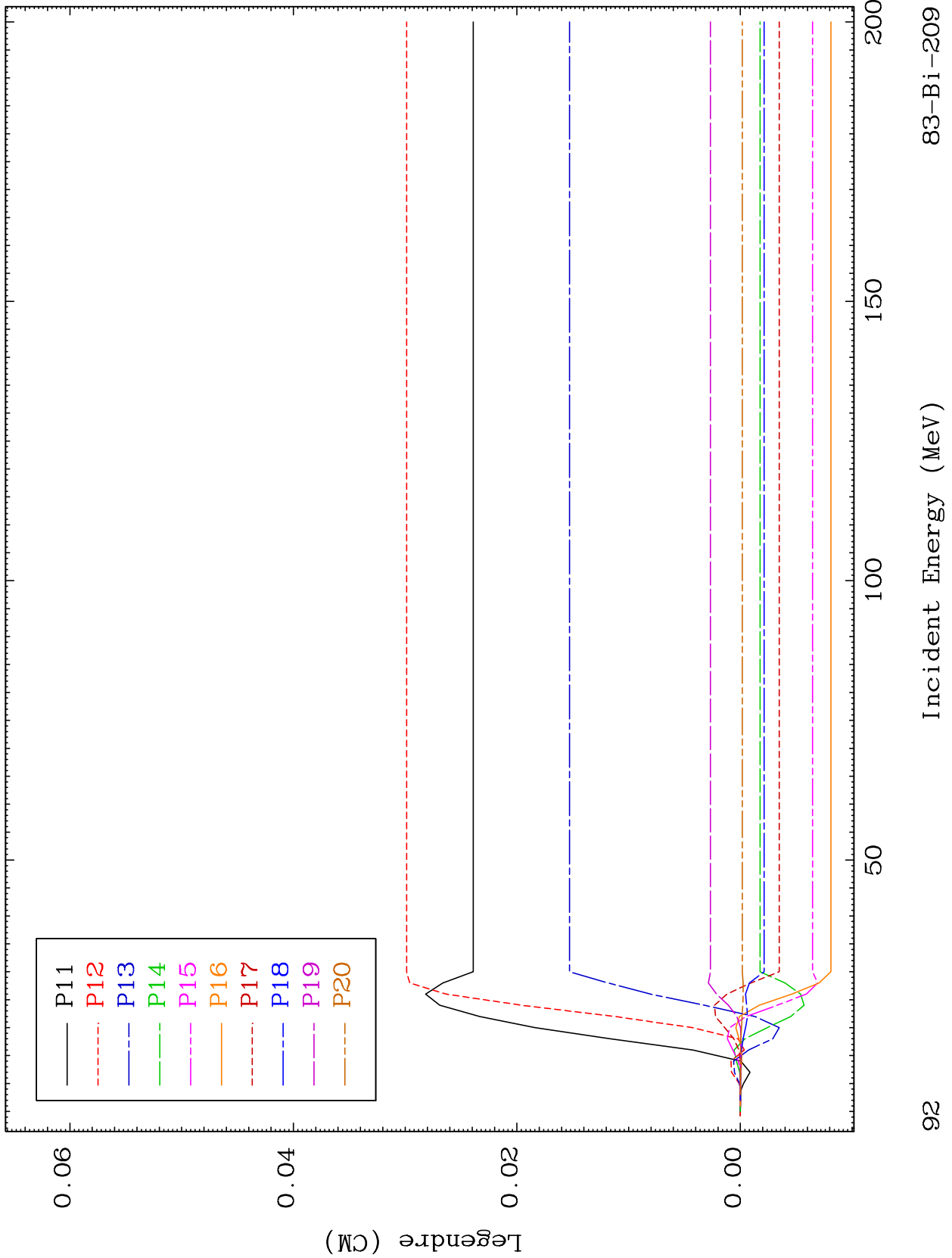
83-Bi-209



MAT 8325

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

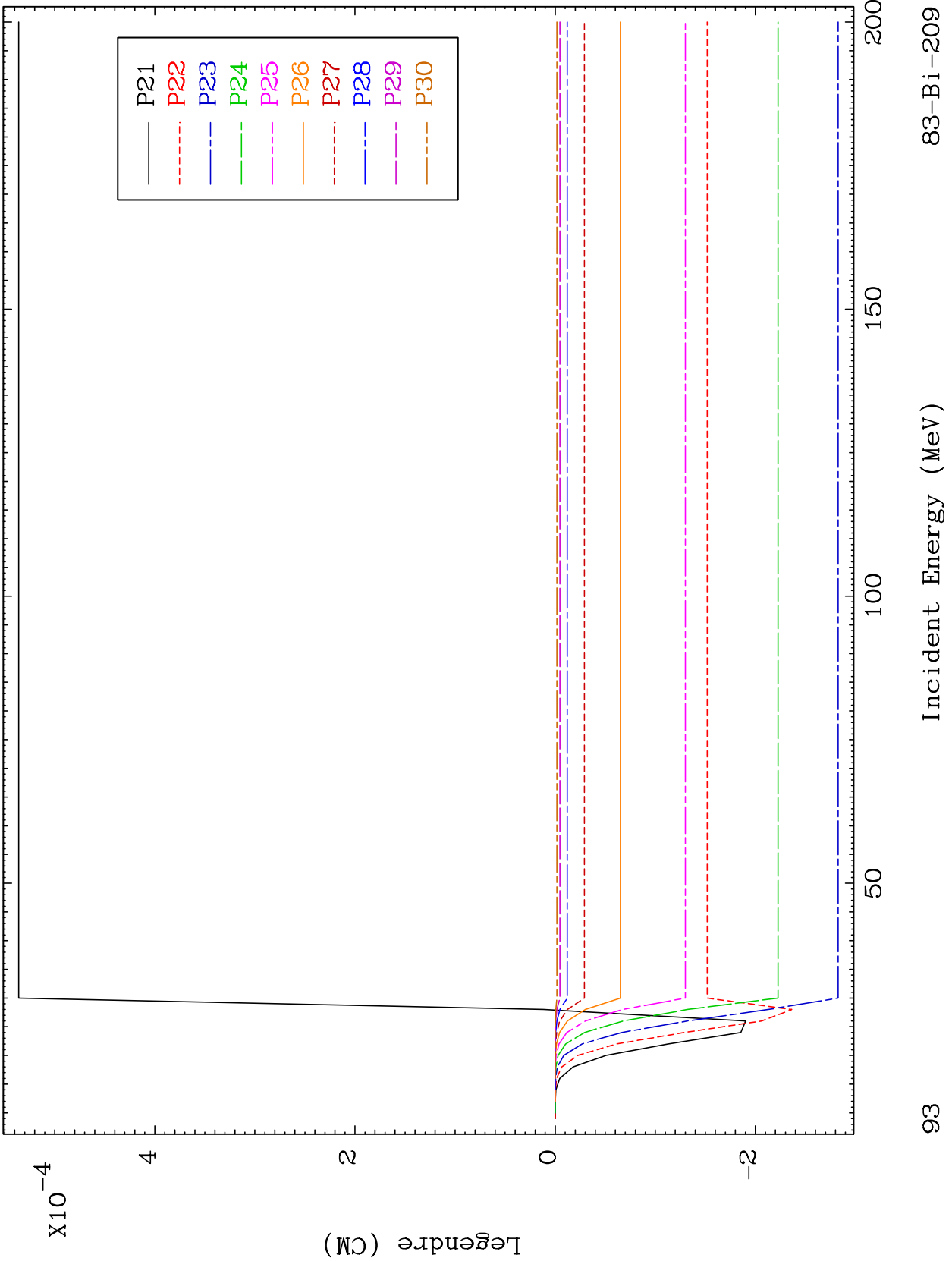
83-Bi-209



MAT 8325

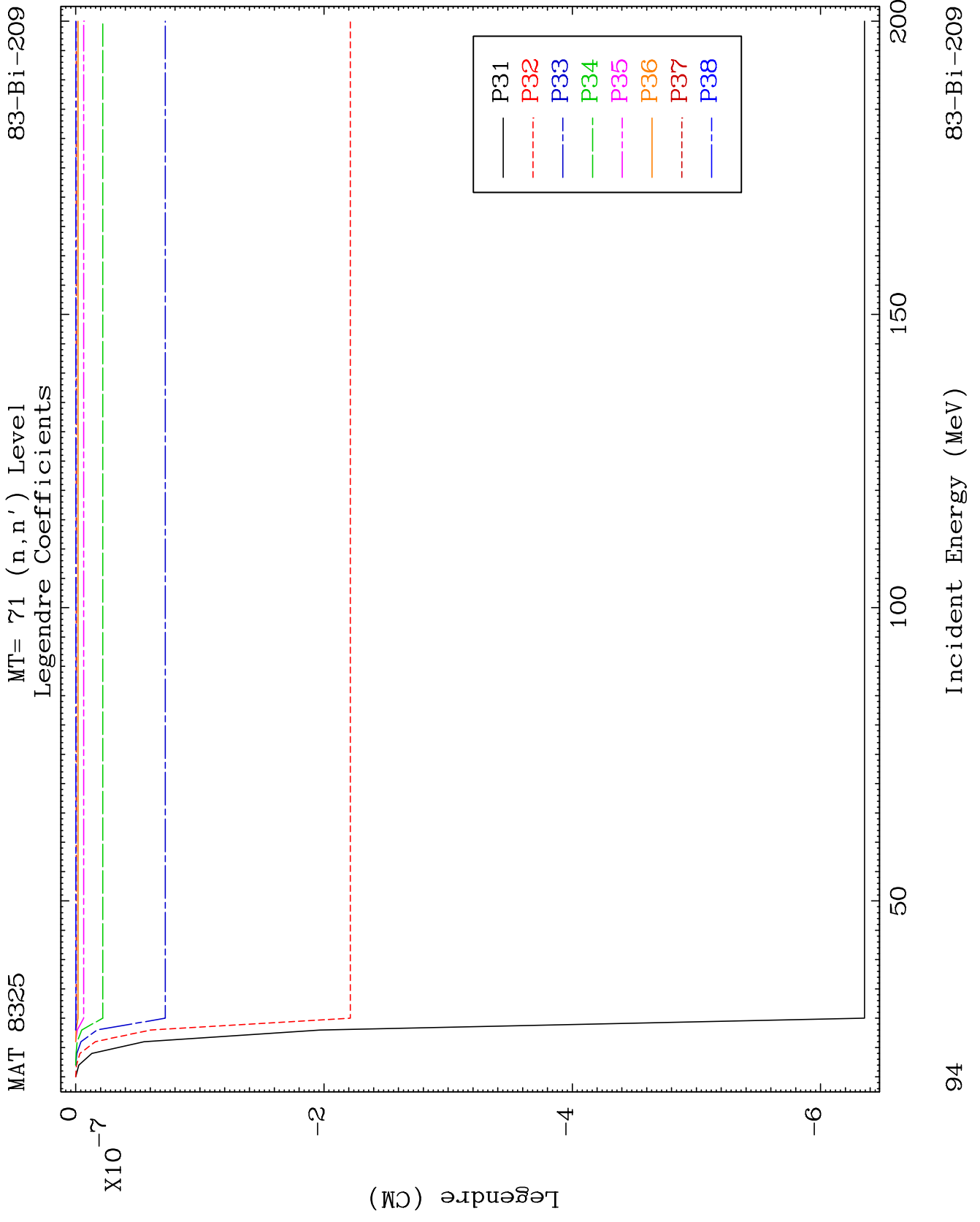
MT= 71 (n,n') Level  
Legendre Coefficients

83-Bi-209



93

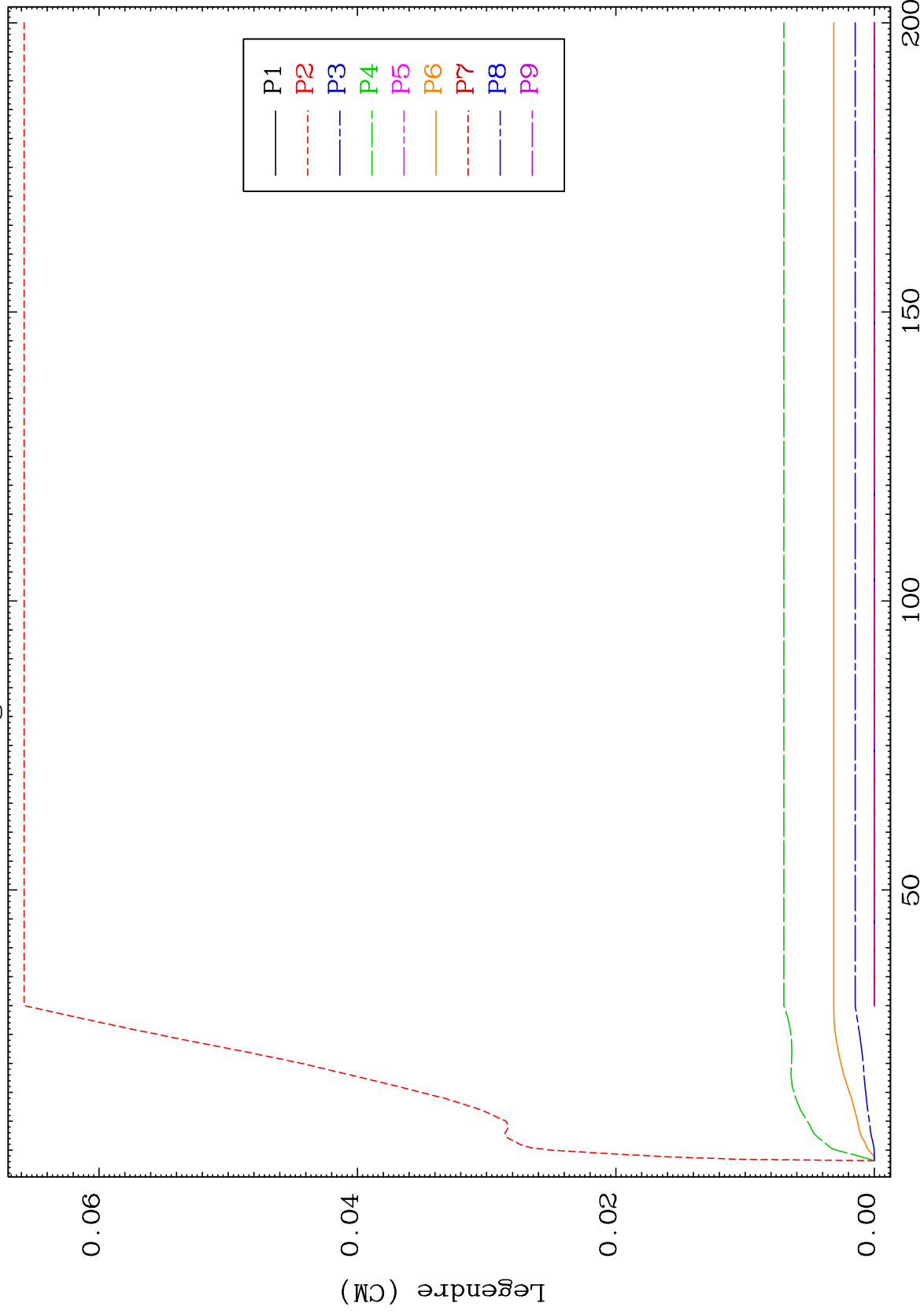
83-Bi-209



MAT 8325

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

83-Bi-209

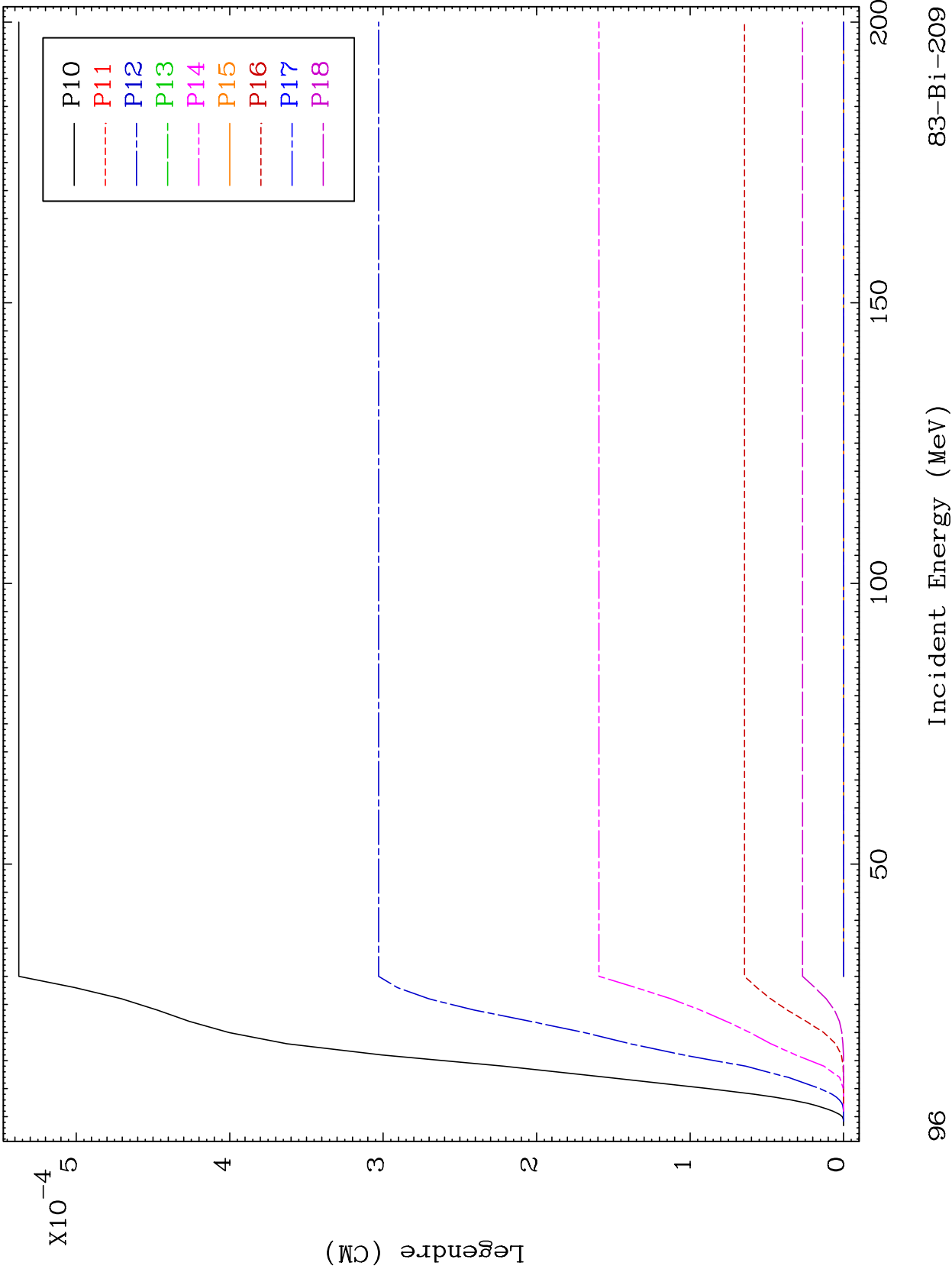


95

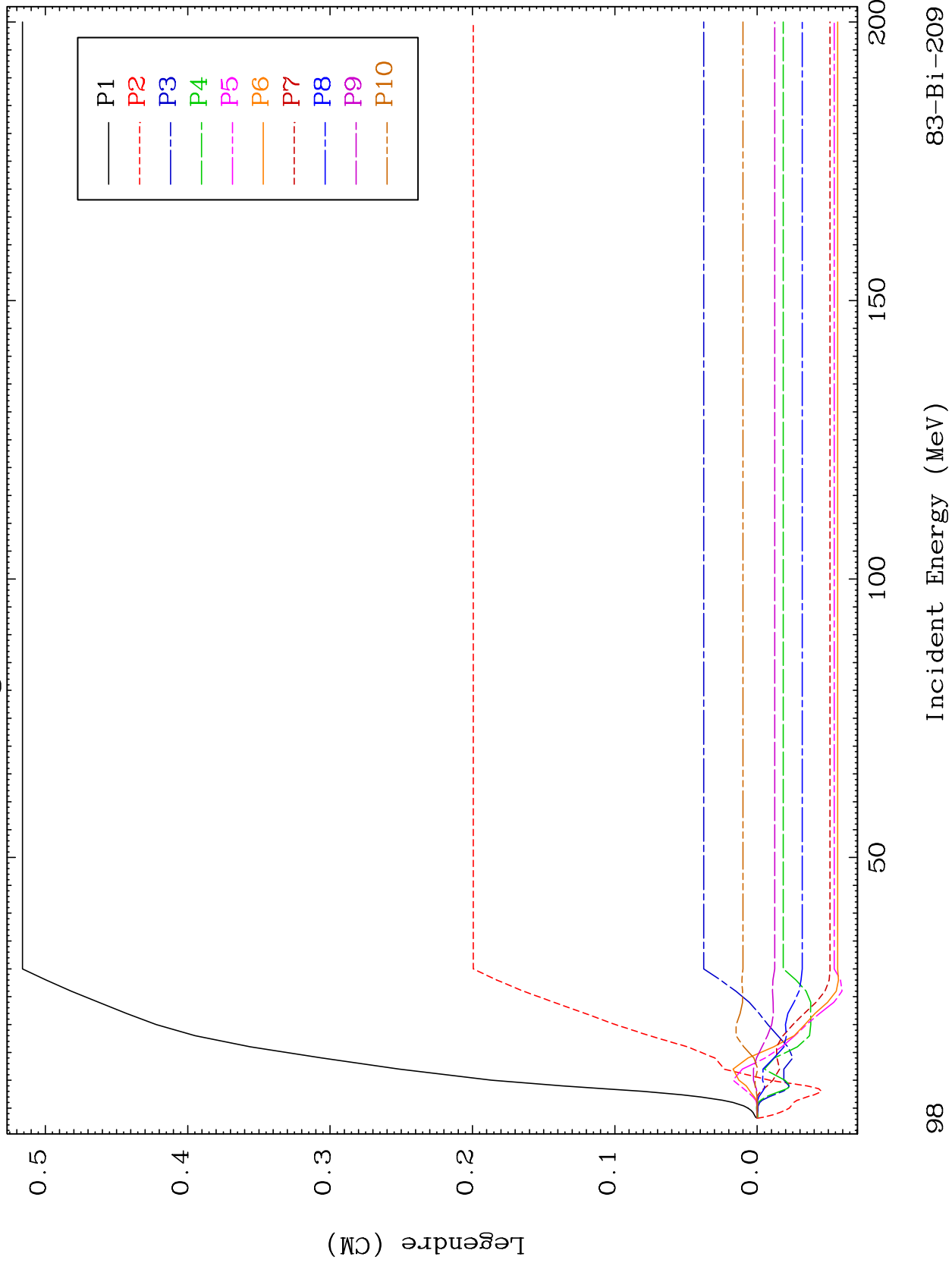
Incident Energy (MeV)

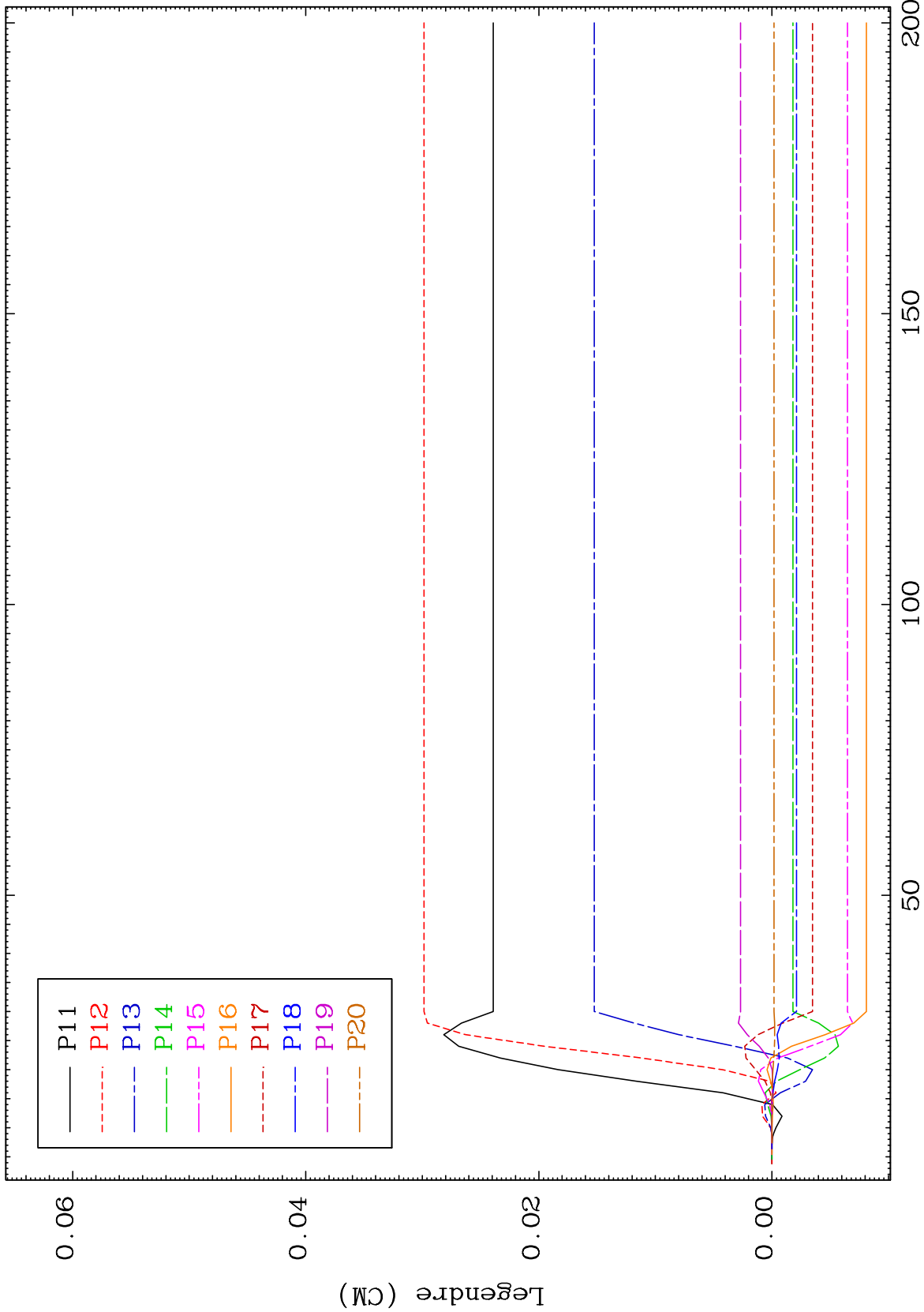
83-Bi-209







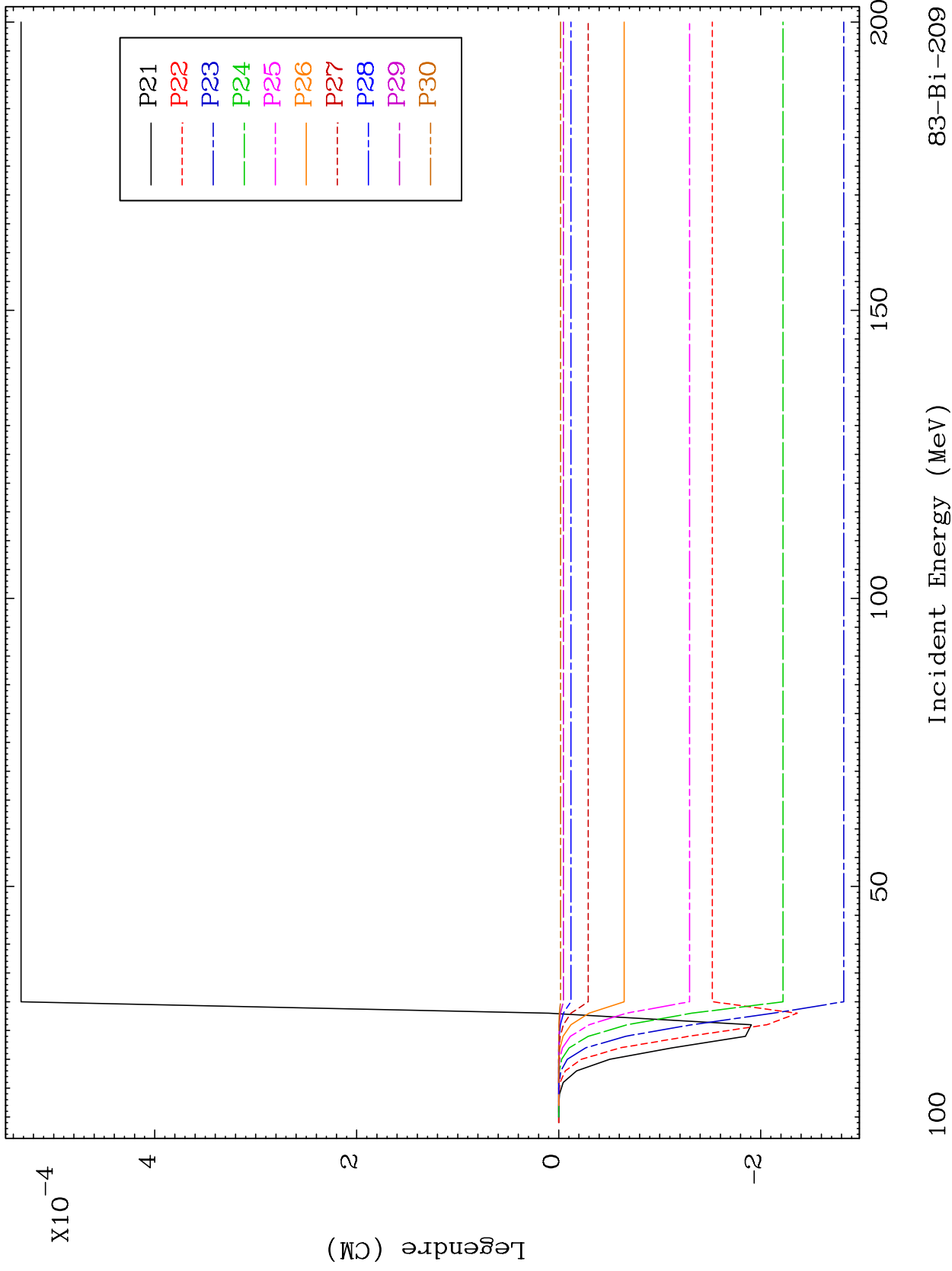




MAT 8325

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

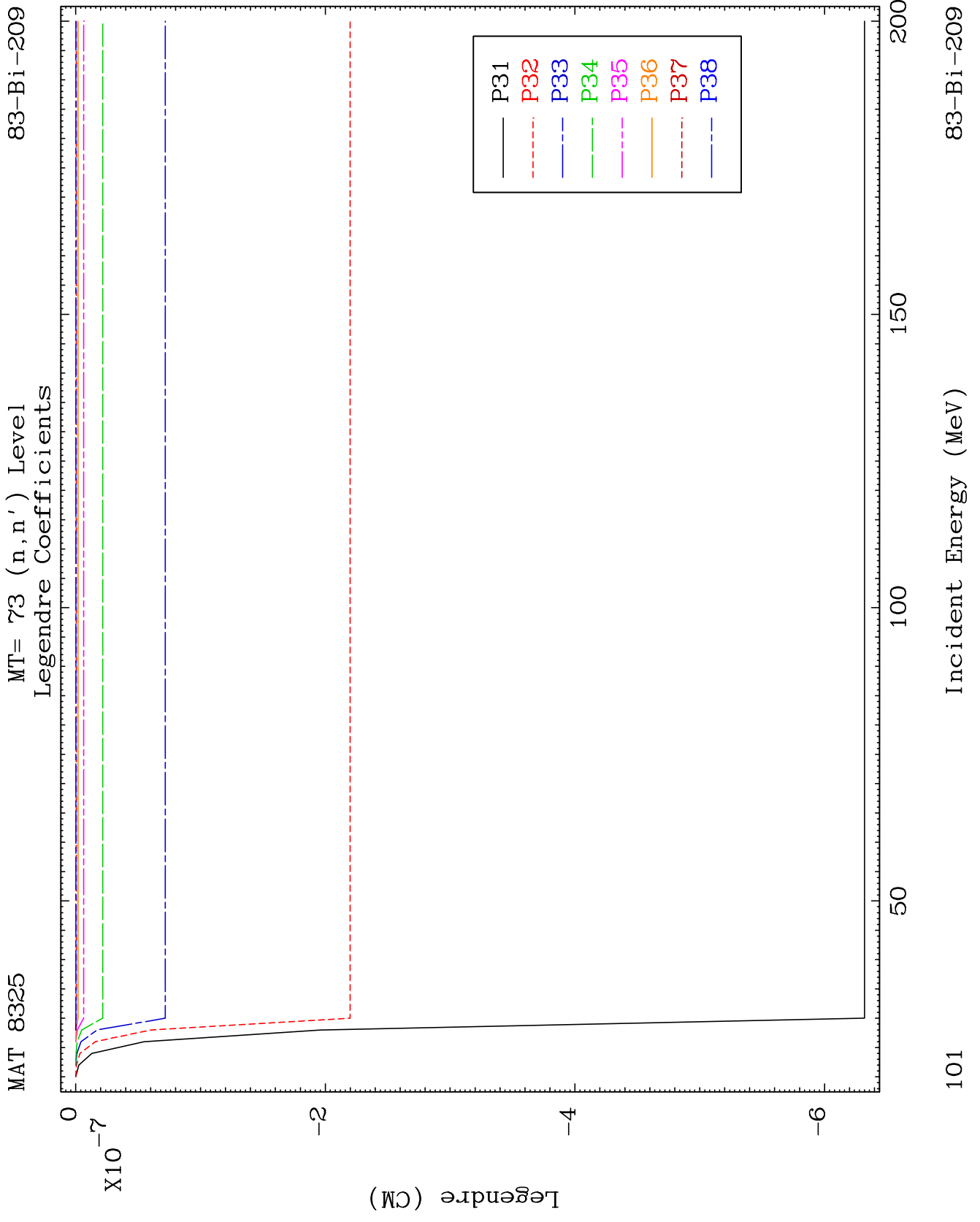
83-Bi-209



83-Bi-209

Incident Energy (MeV)

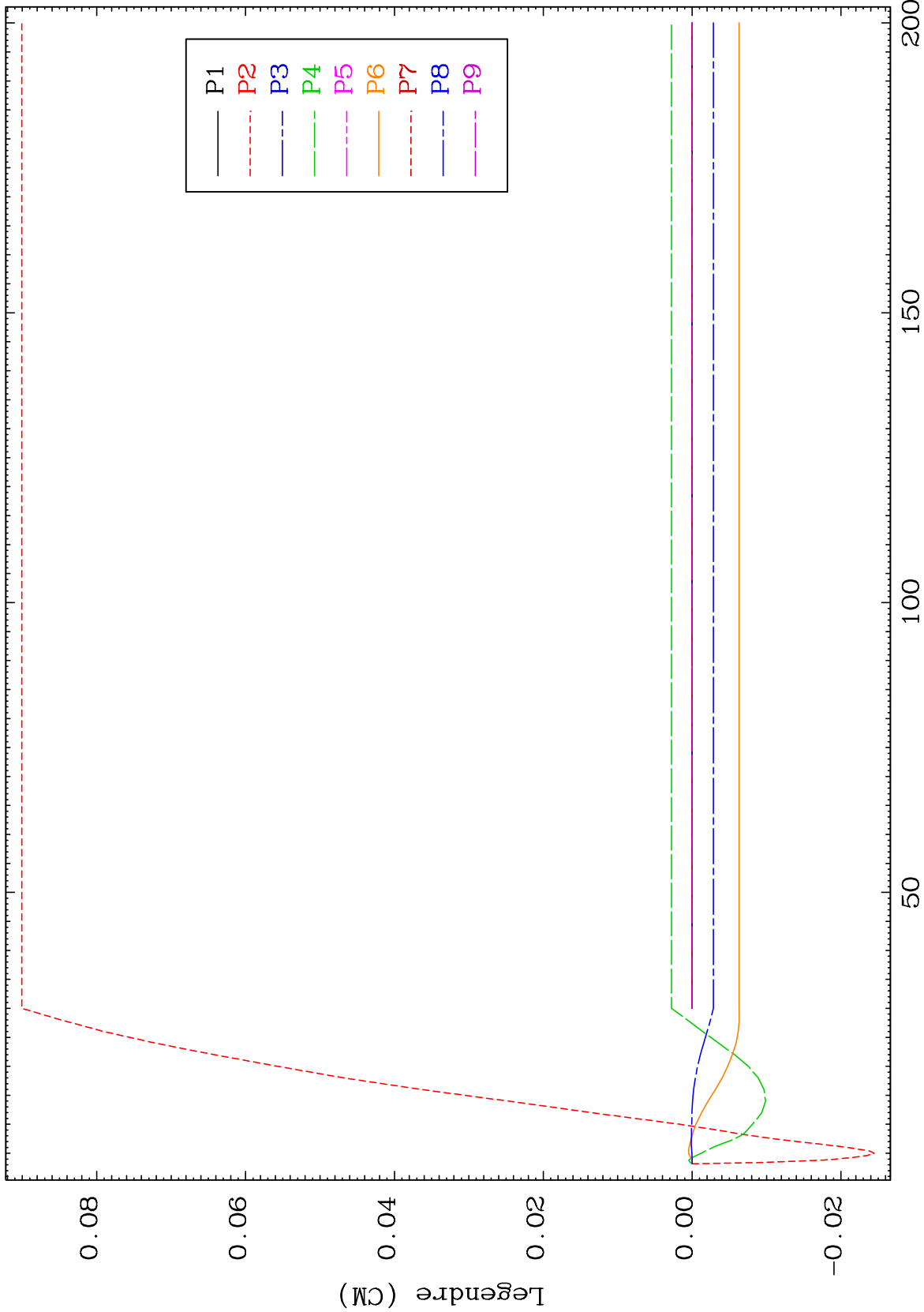
100



MAT 8325

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

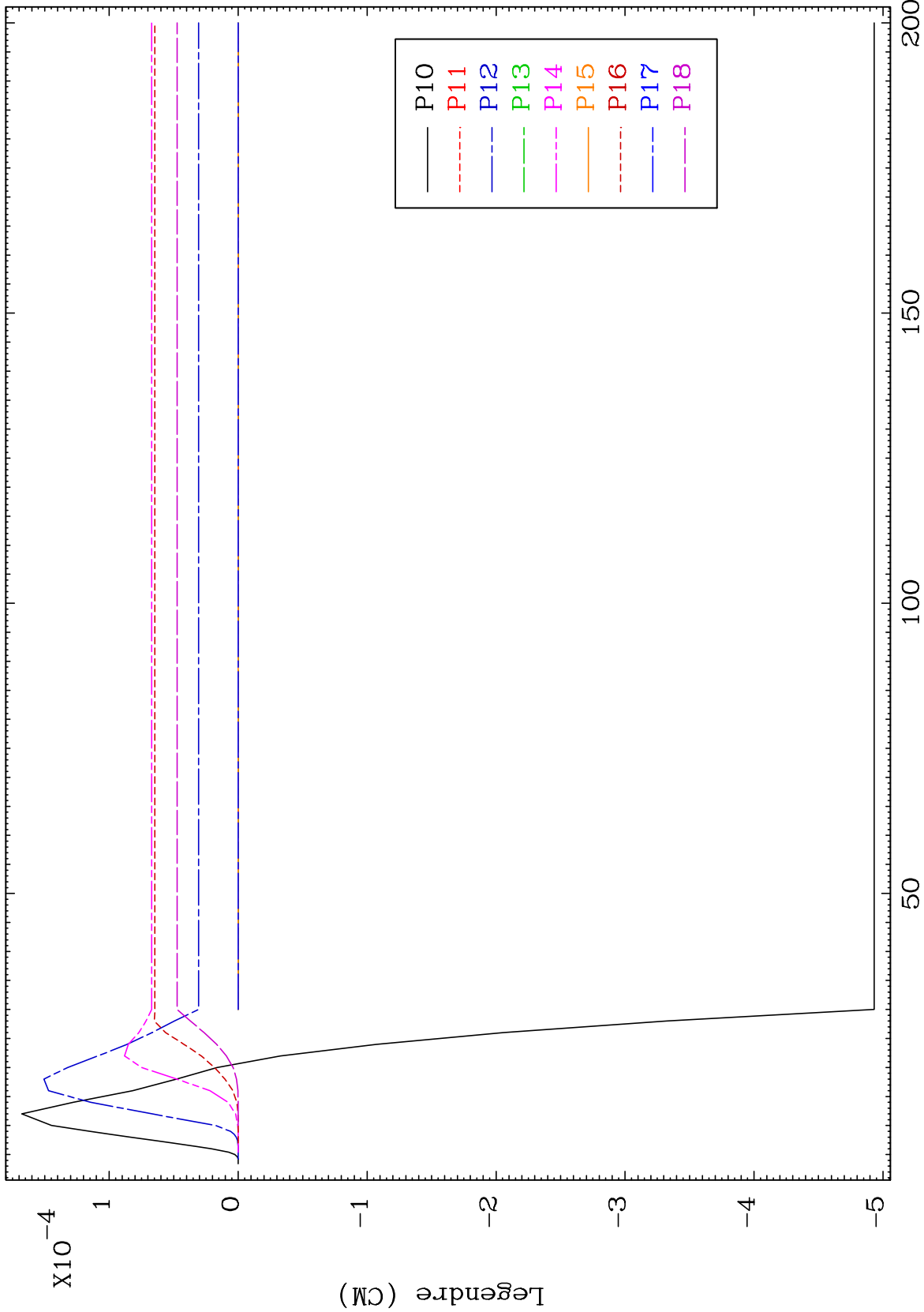
83-Bi-209



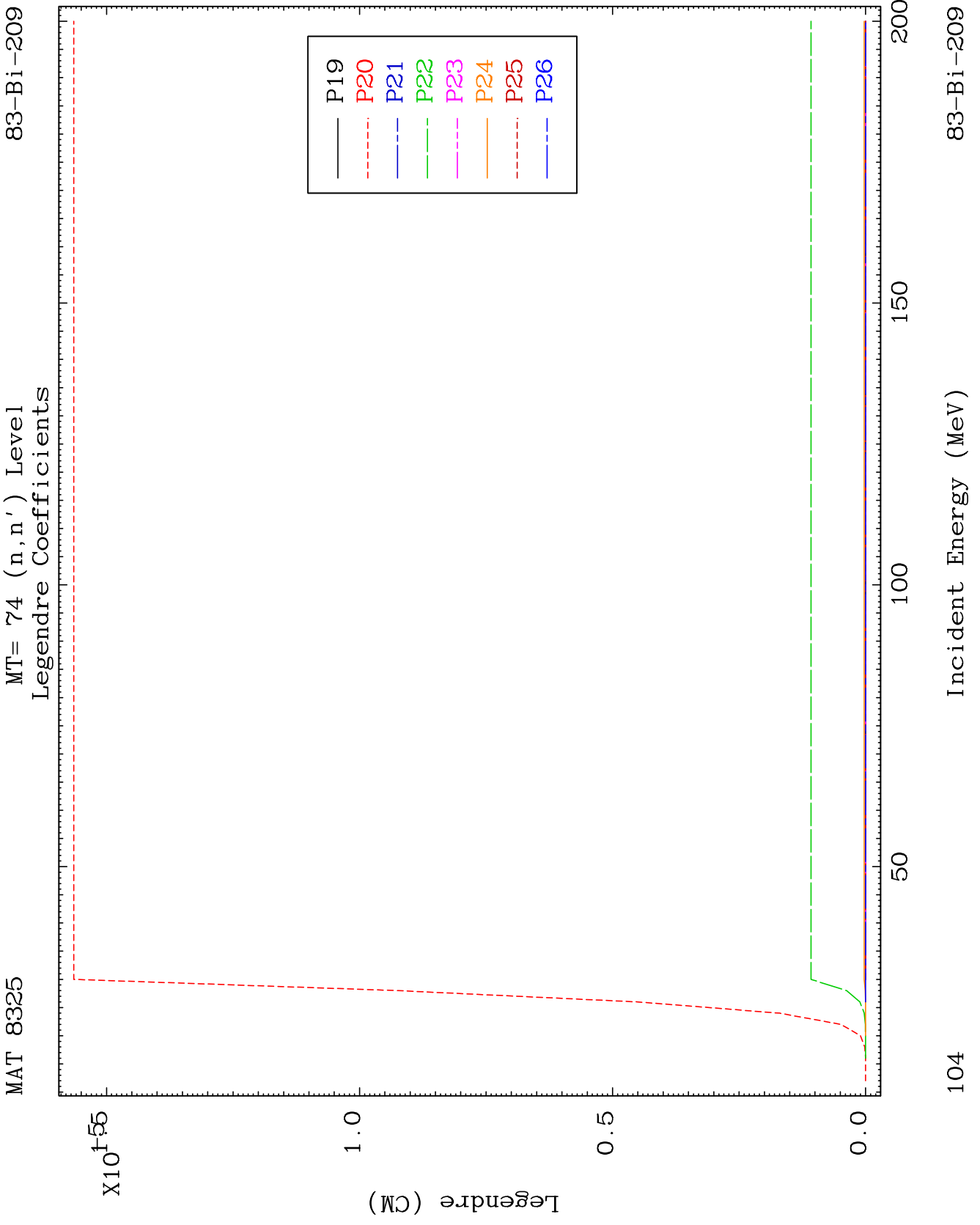
102

Incident Energy (MeV)

83-Bi-209



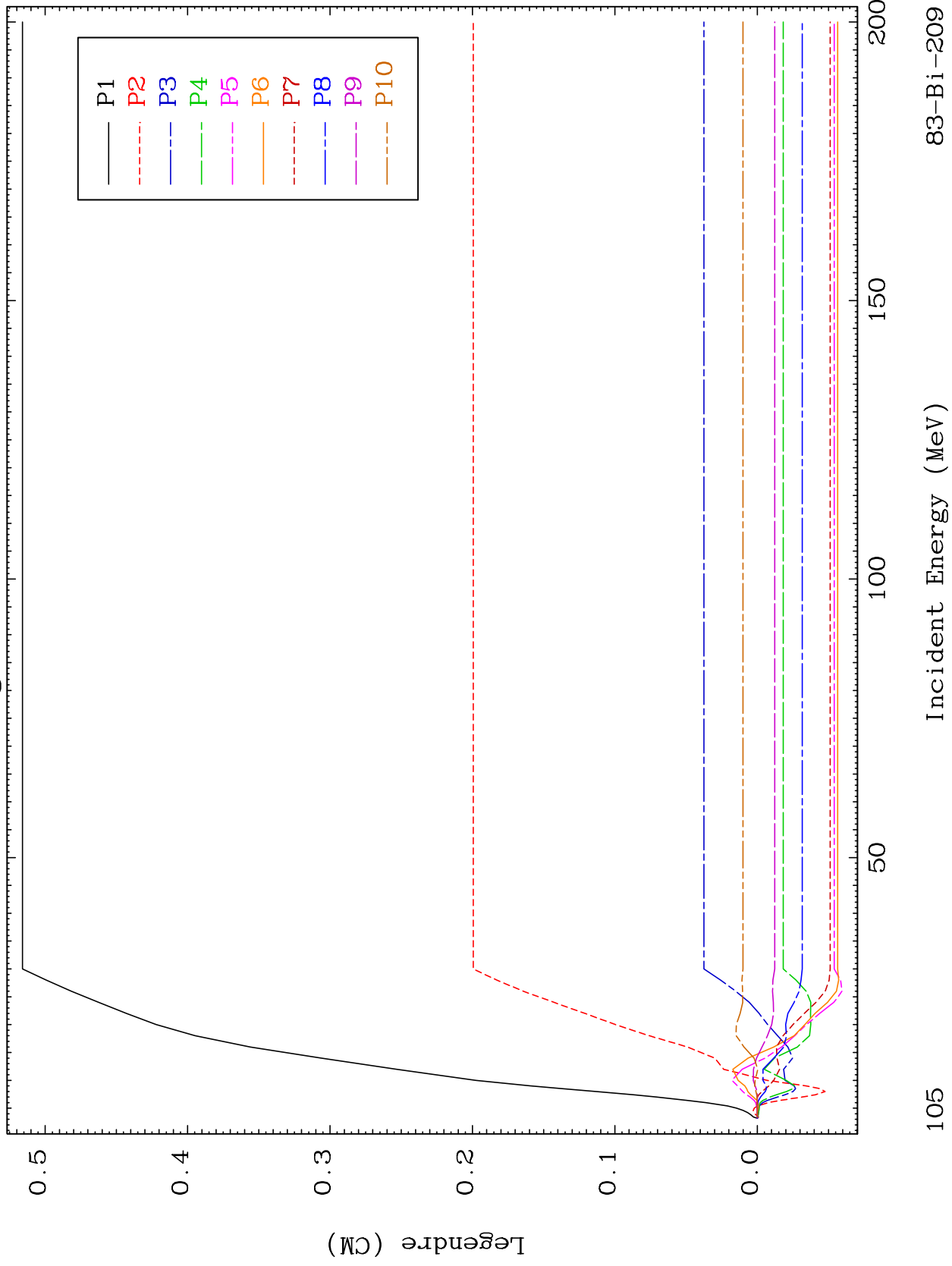




MAT 8325

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

83-Bi-209



83-Bi-209

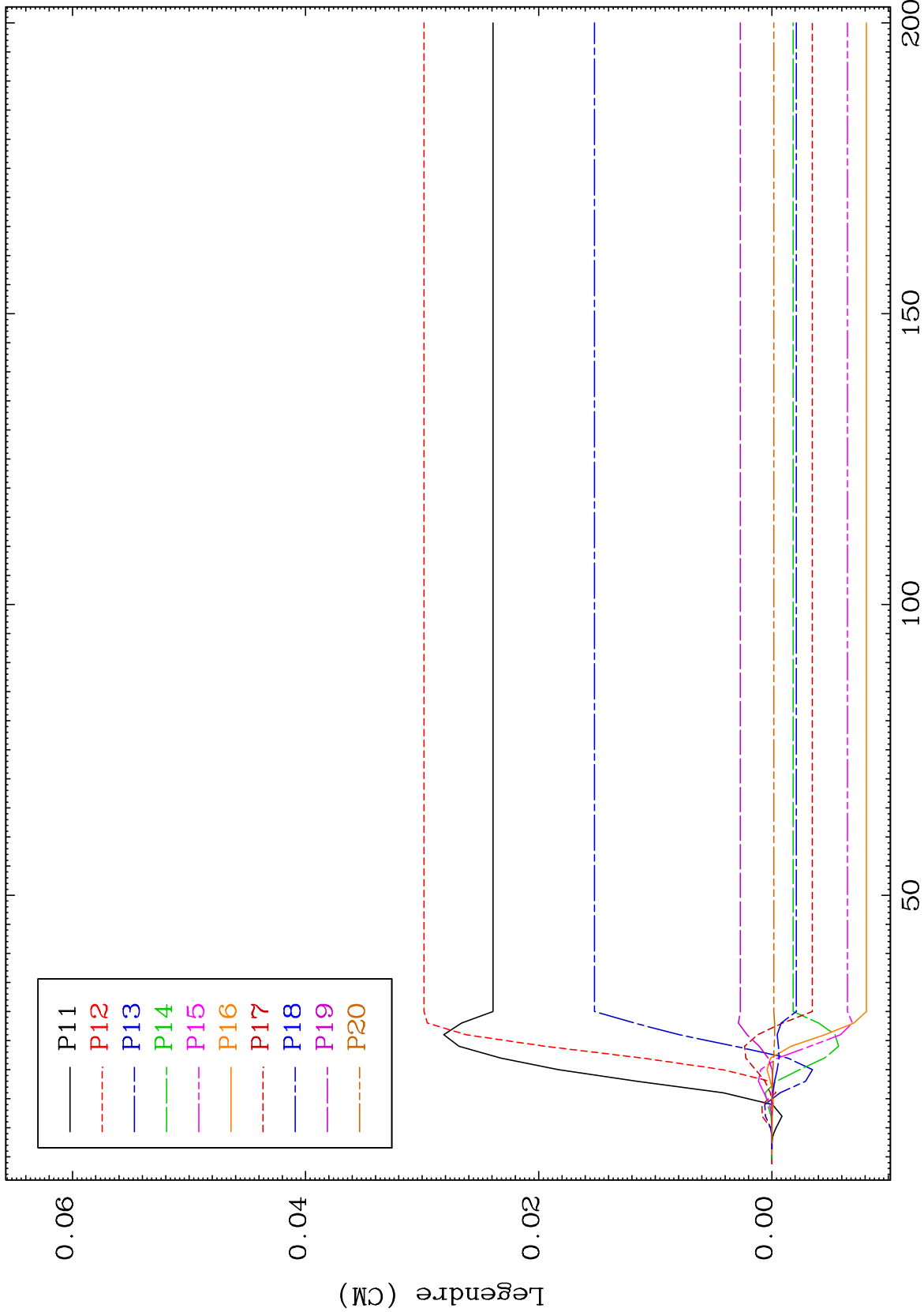
Incident Energy (MeV)

105

MAT 8325

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

83-Bi-209



106

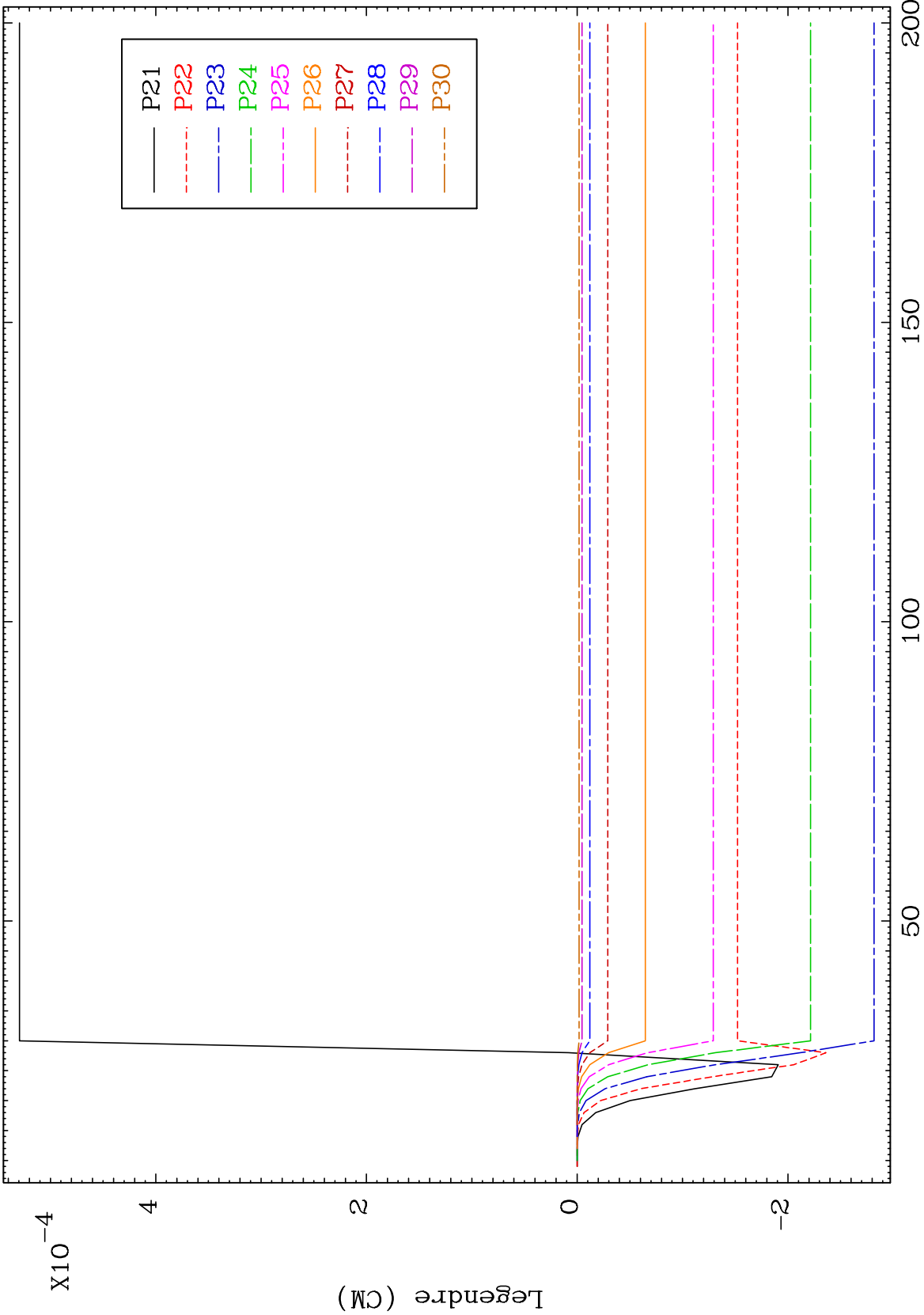
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

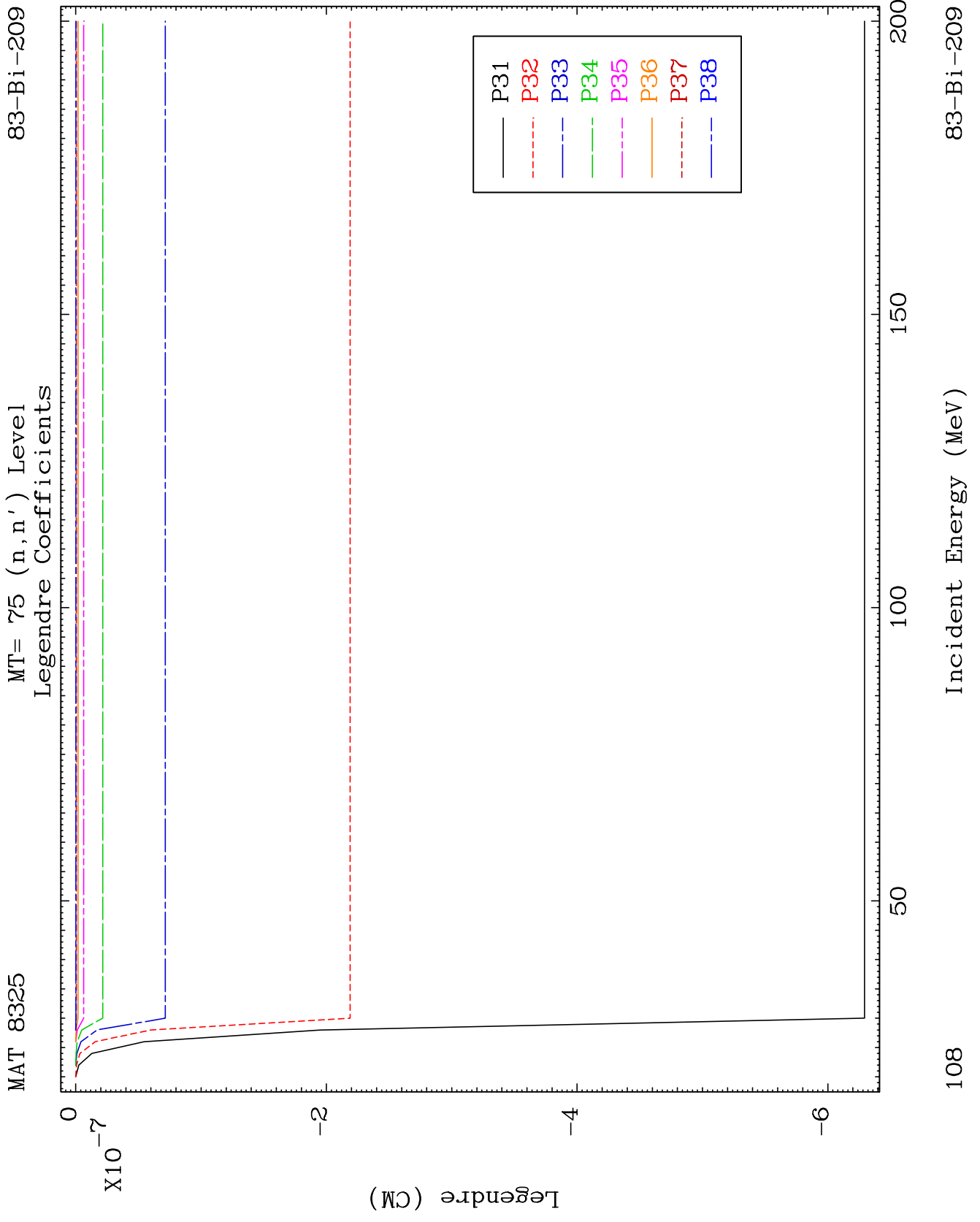
83-Bi-209

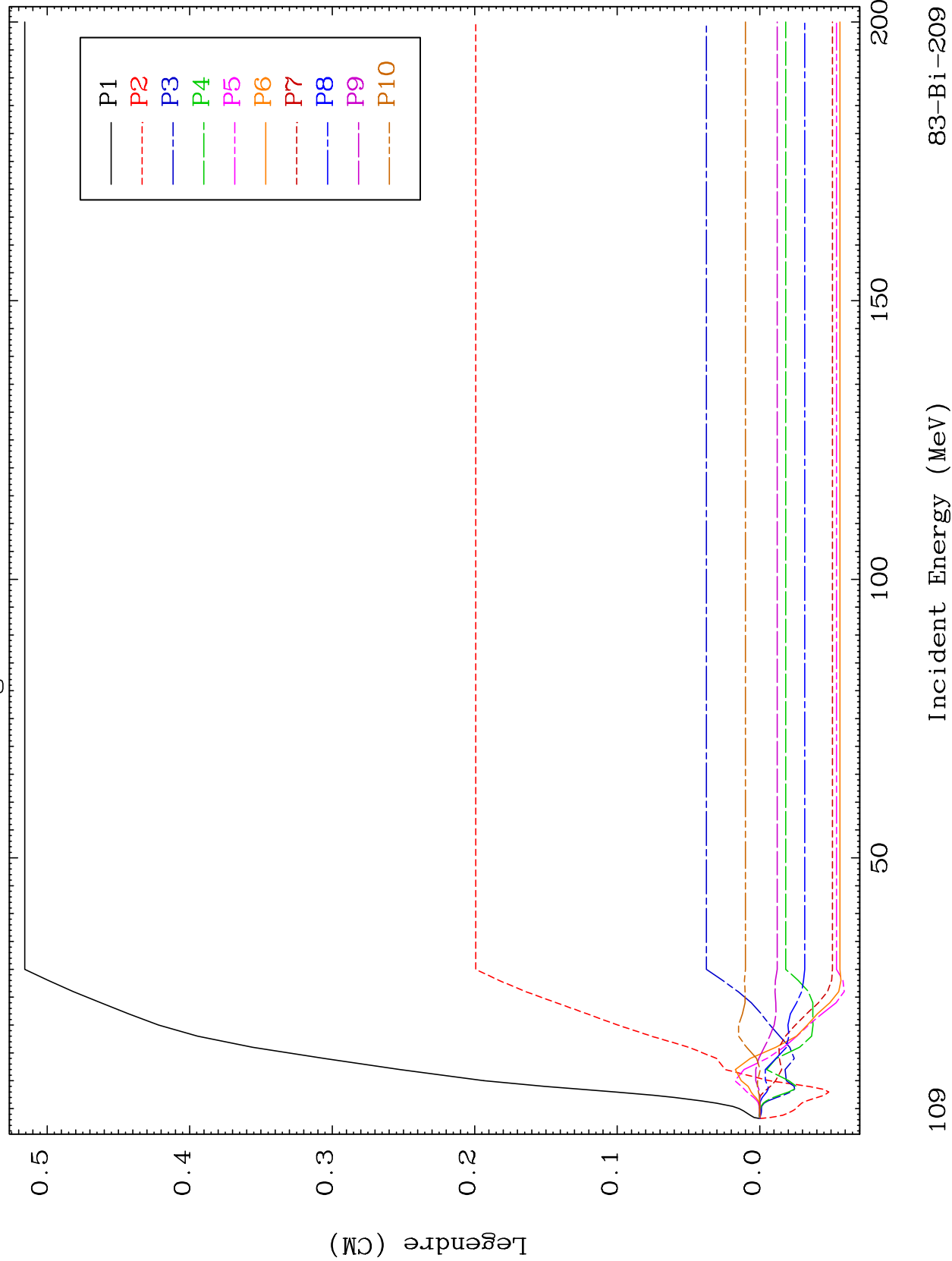


107

Incident Energy (MeV)

83-Bi-209

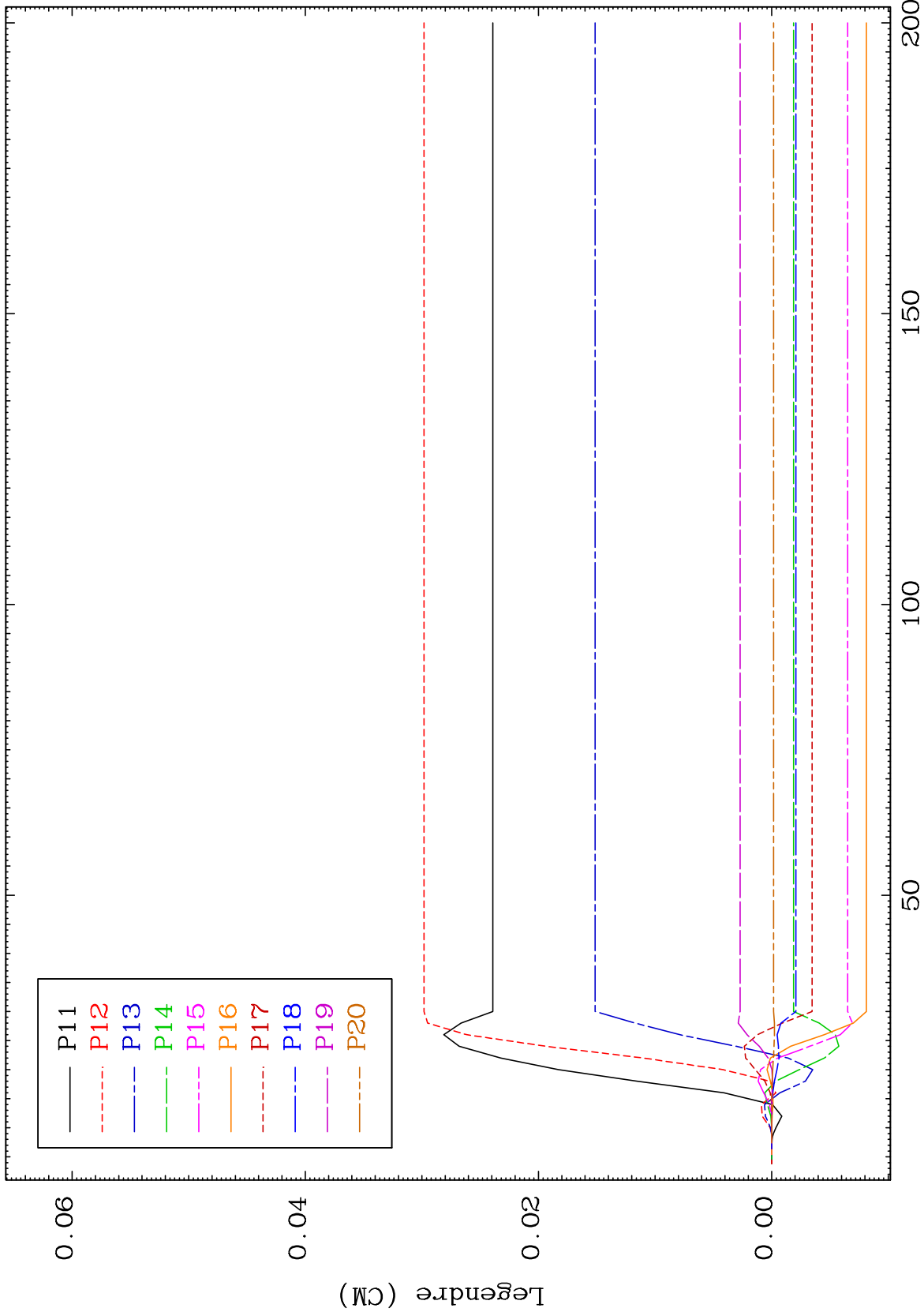




MAT 8325

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

83-Bi-209



110

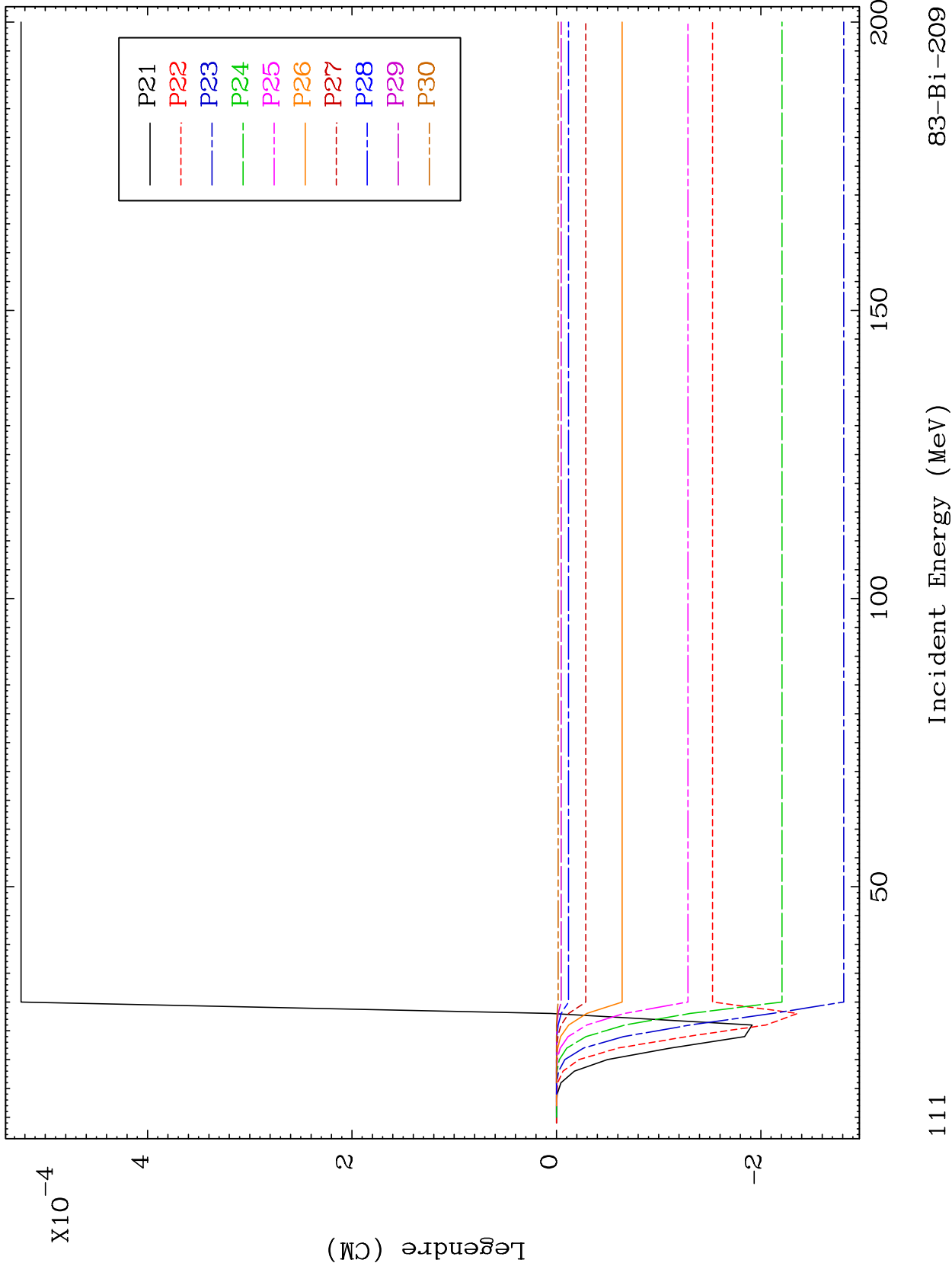
Incident Energy (MeV)

83-Bi-209

MAT 8325

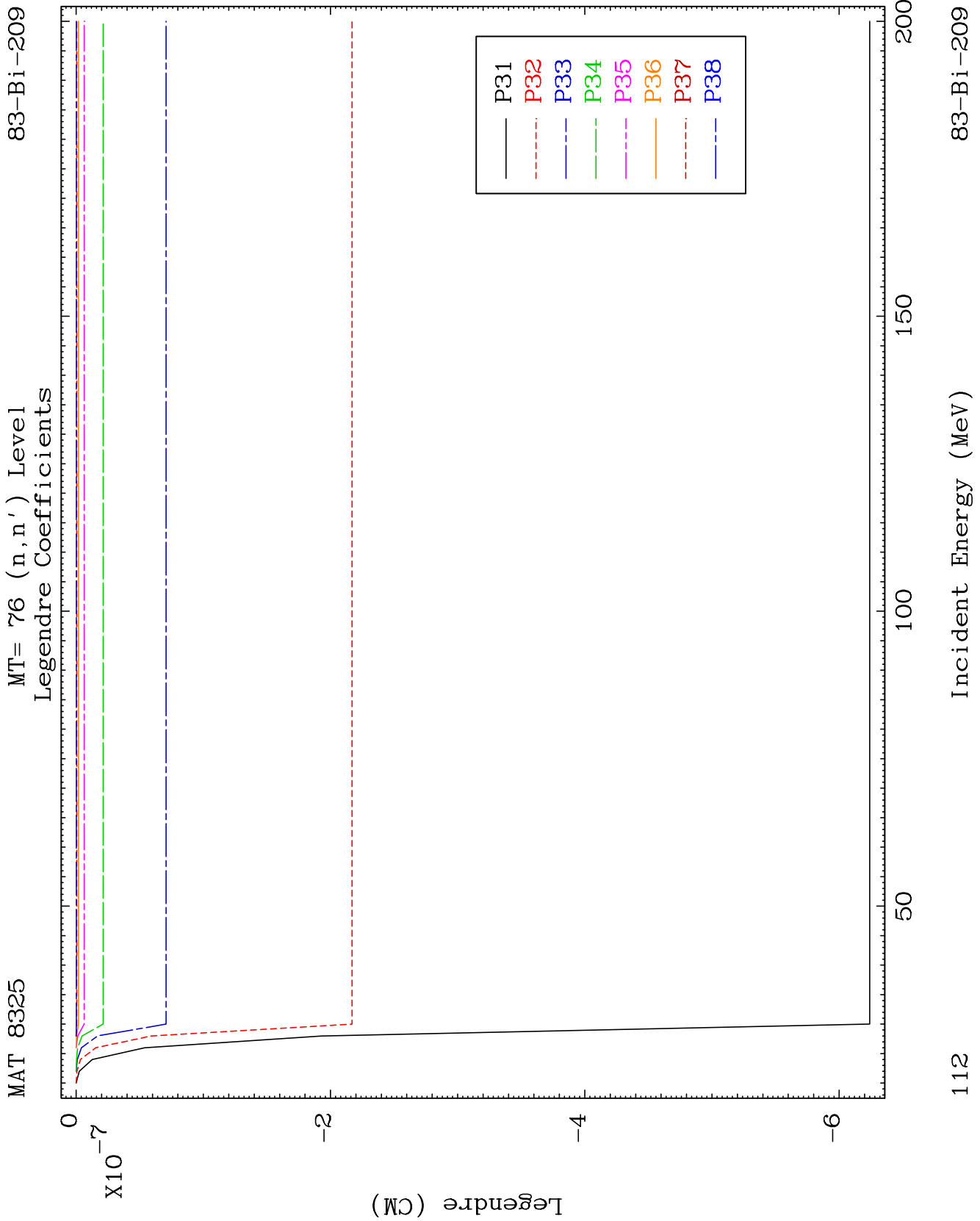
MT= 76 (n,n') Level  
Legendre Coefficients

83-Bi-209



111

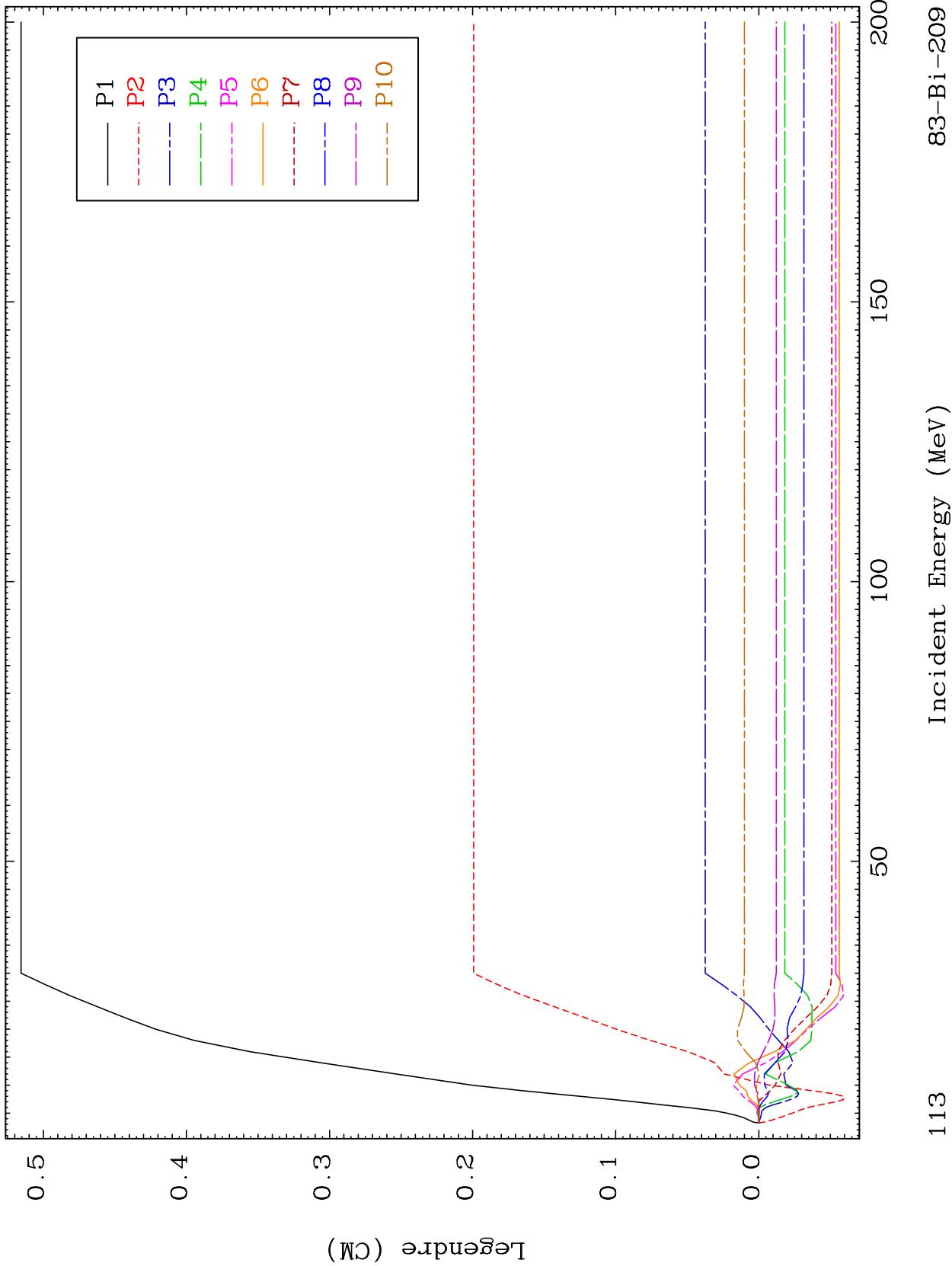




MAT 8325

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

83-Bi-209



113

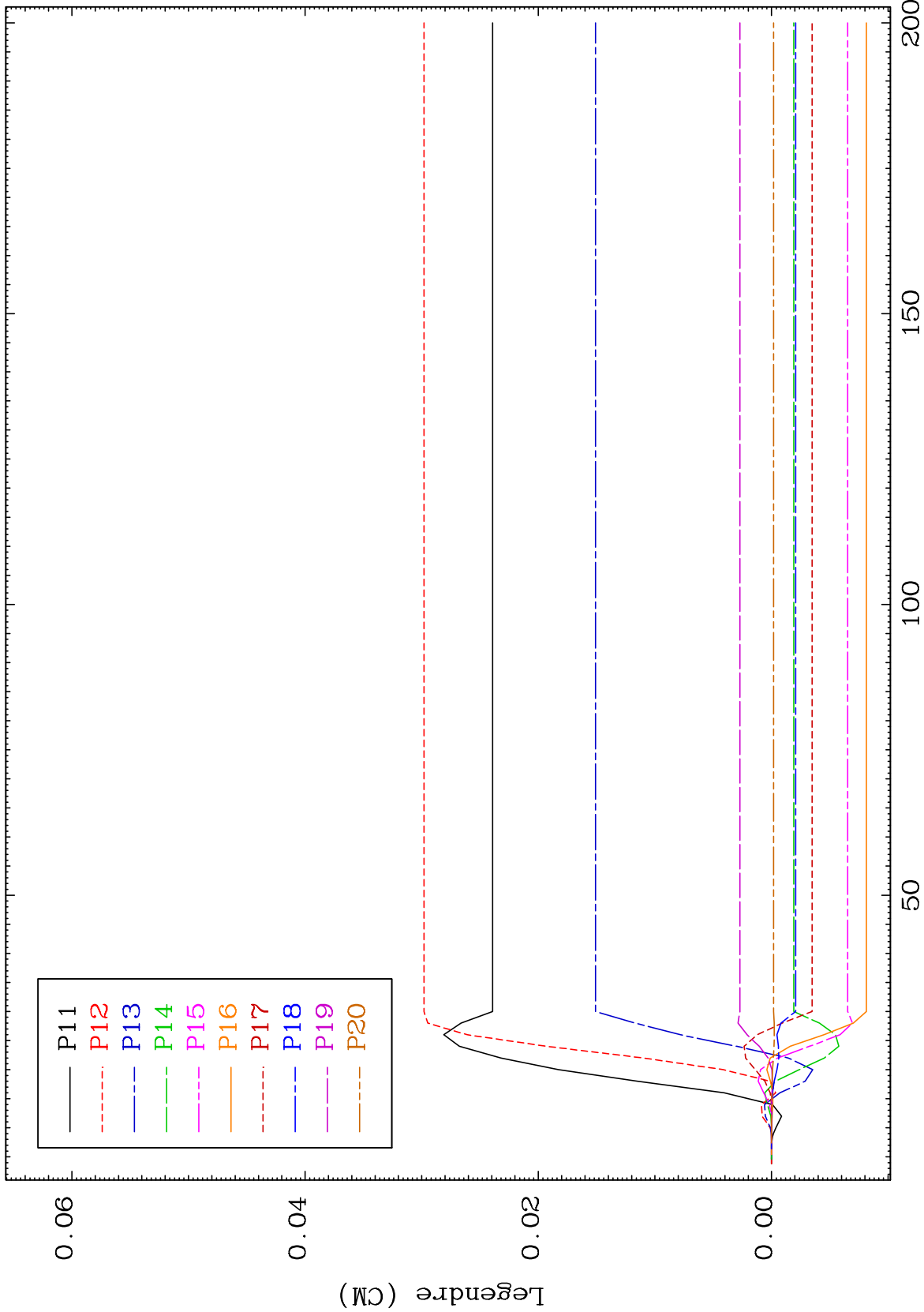
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



114

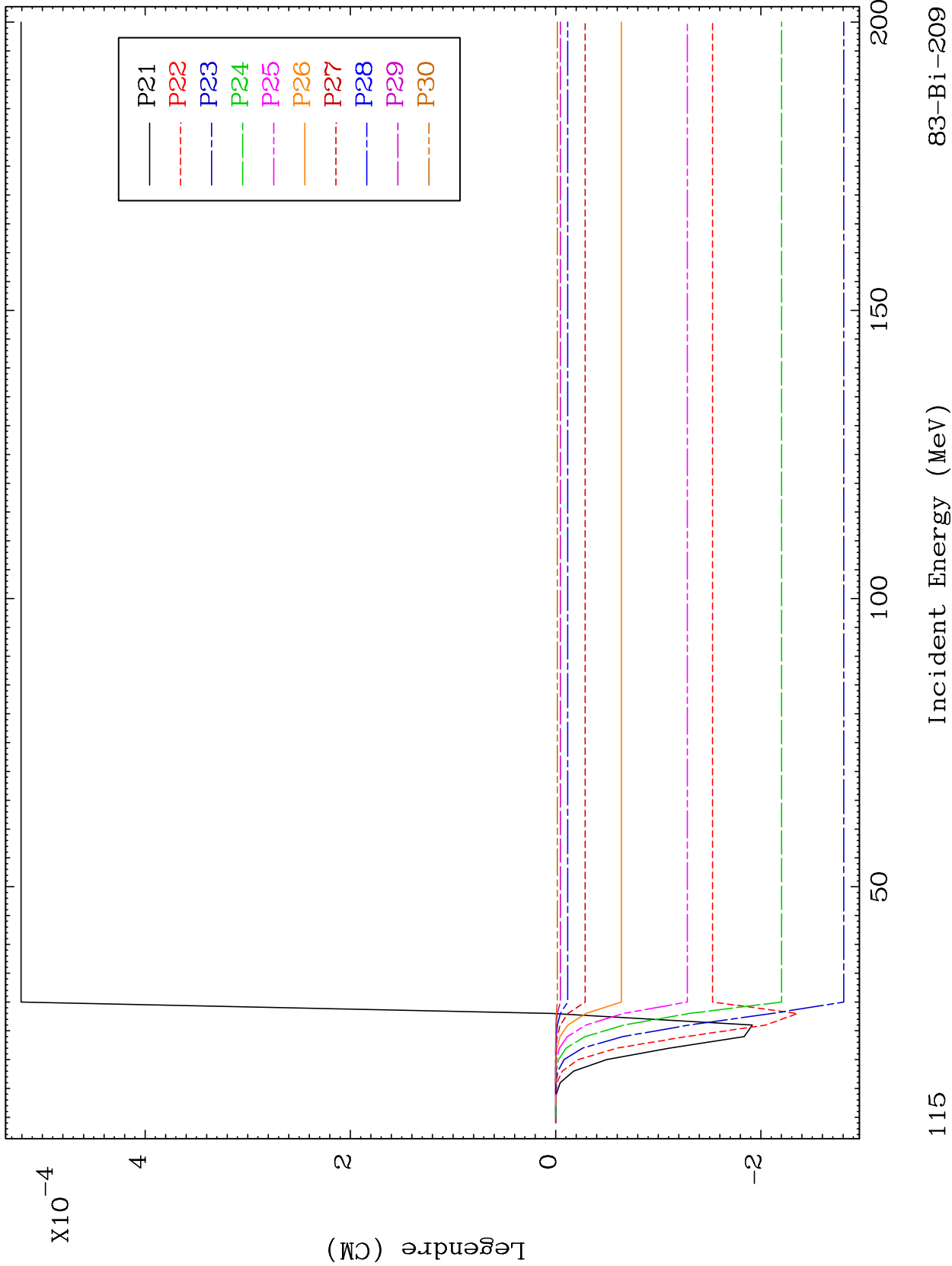
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209

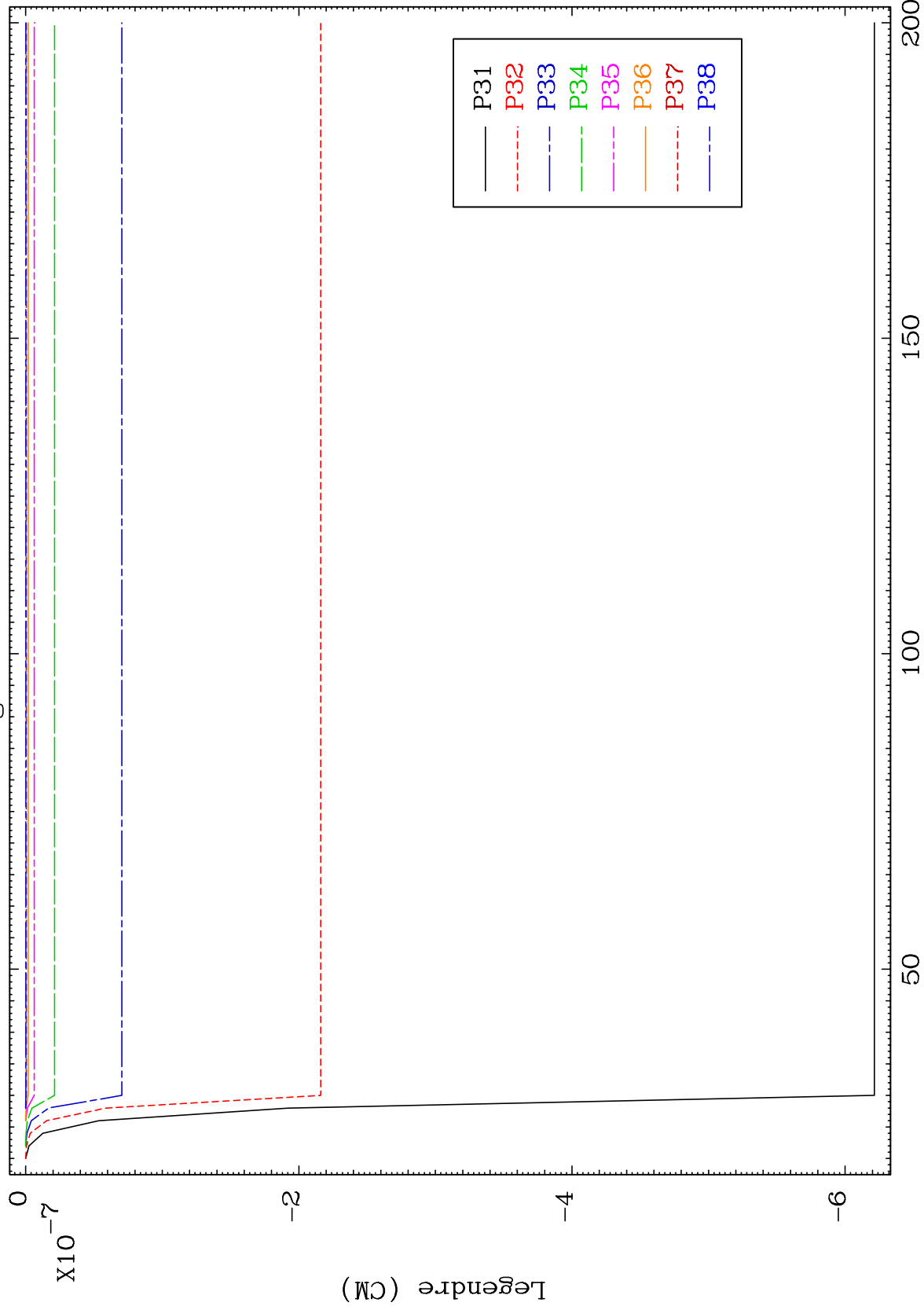


MAT 8325

MT= 77 (n,n') Level

83-Bi-209

Legendre Coefficients



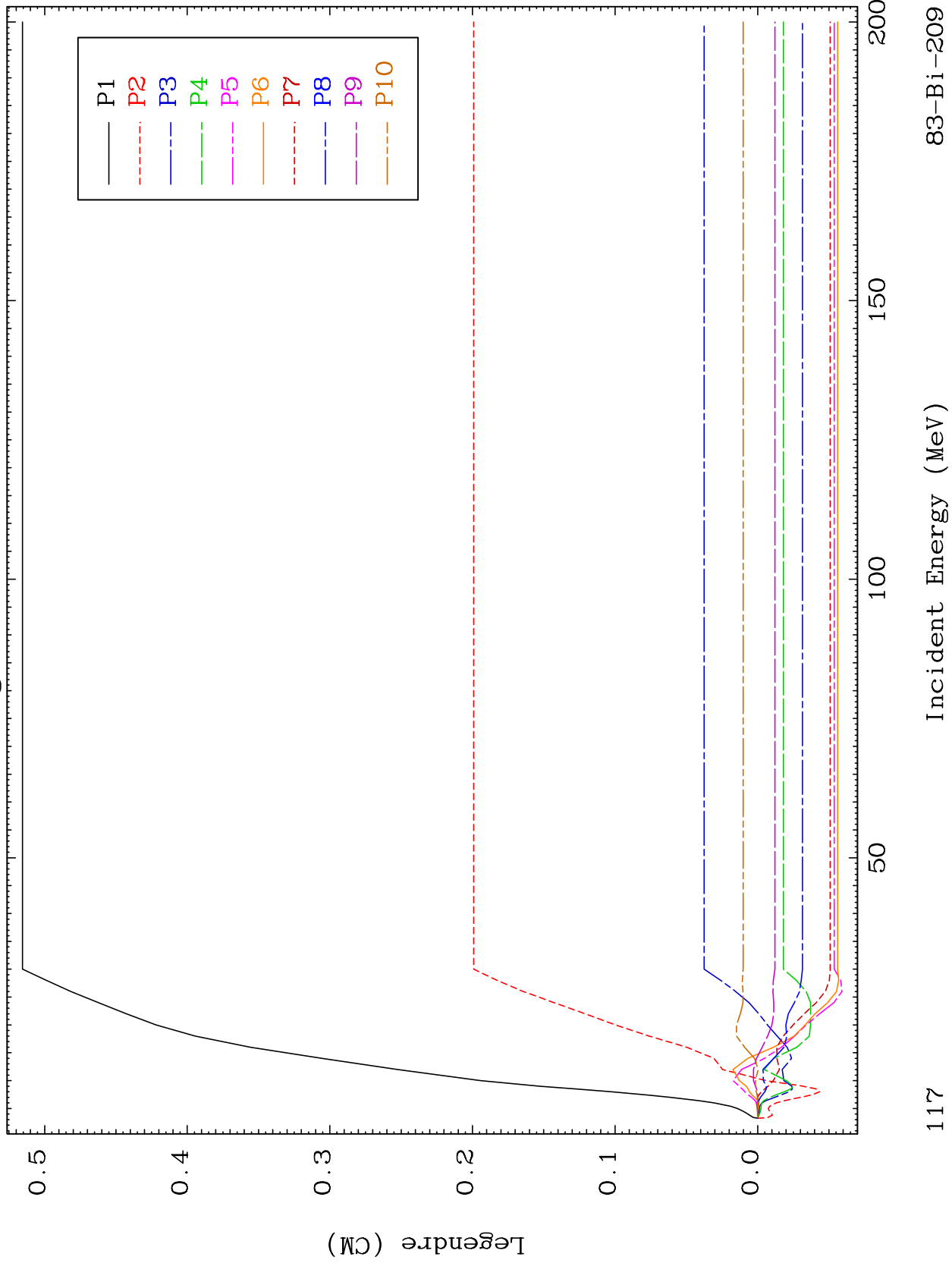
116

83-Bi-209

MAT 8325

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

83-Bi-209



117

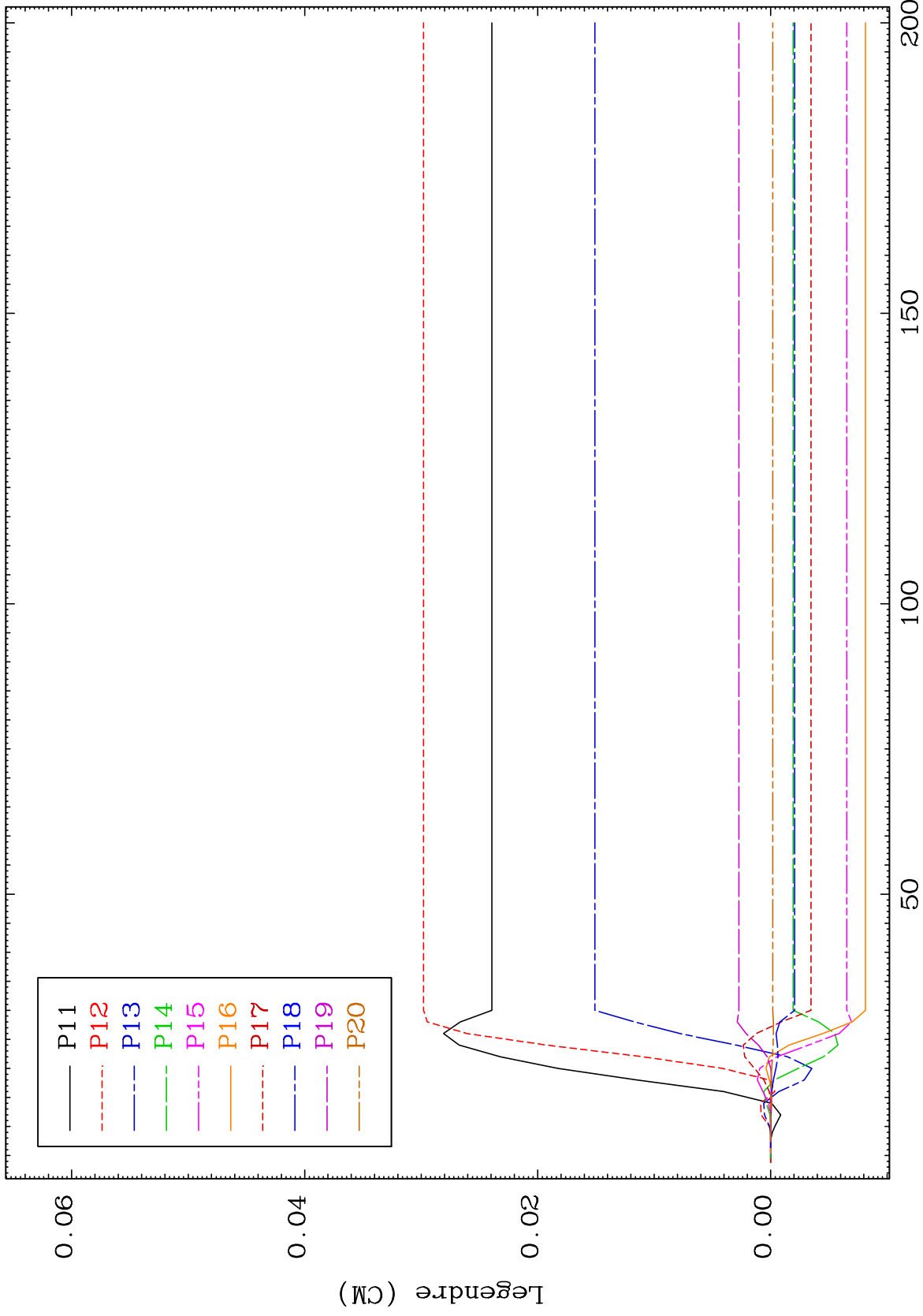
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



118

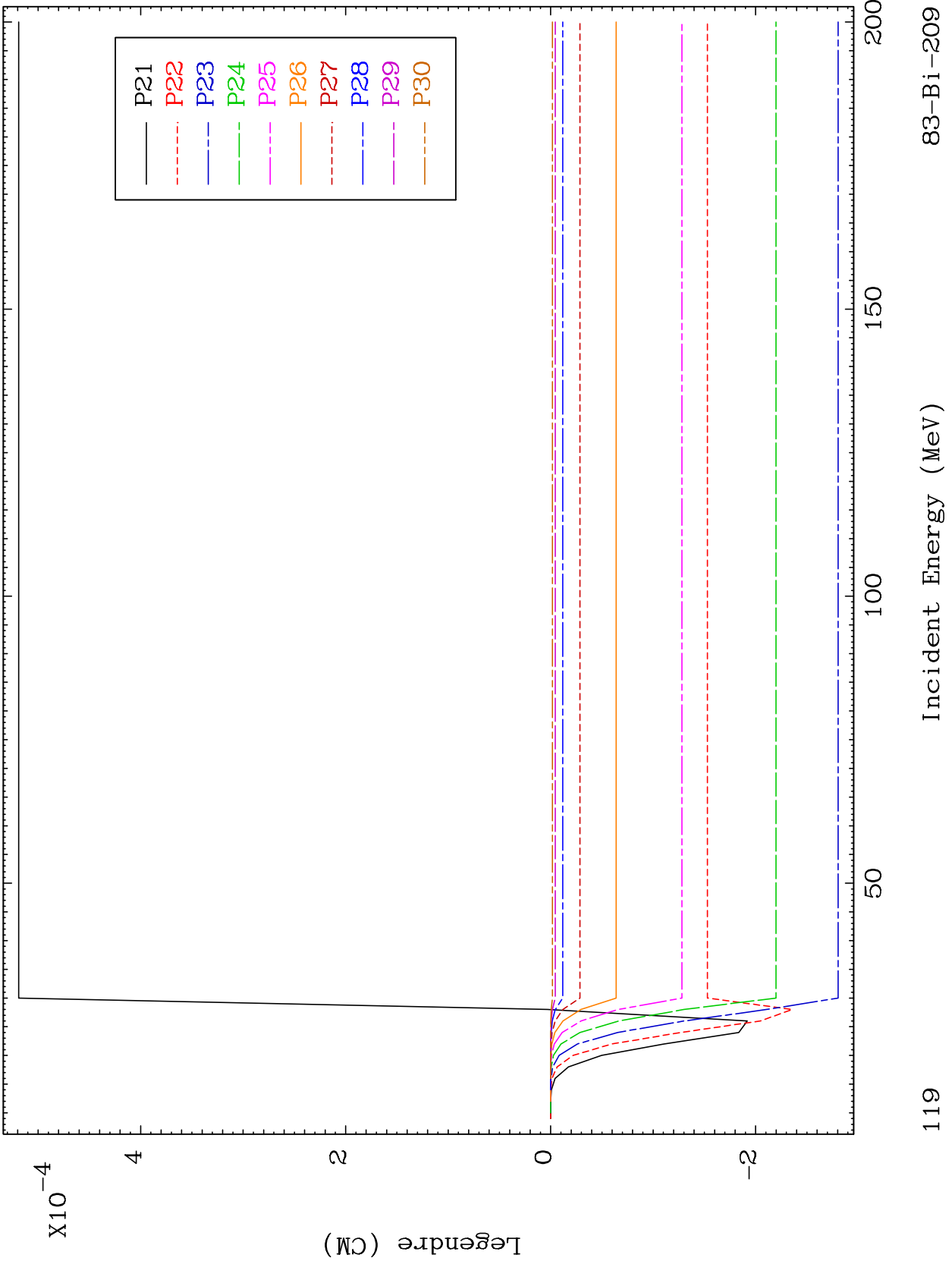
Incident Energy (MeV)

83-Bi-209

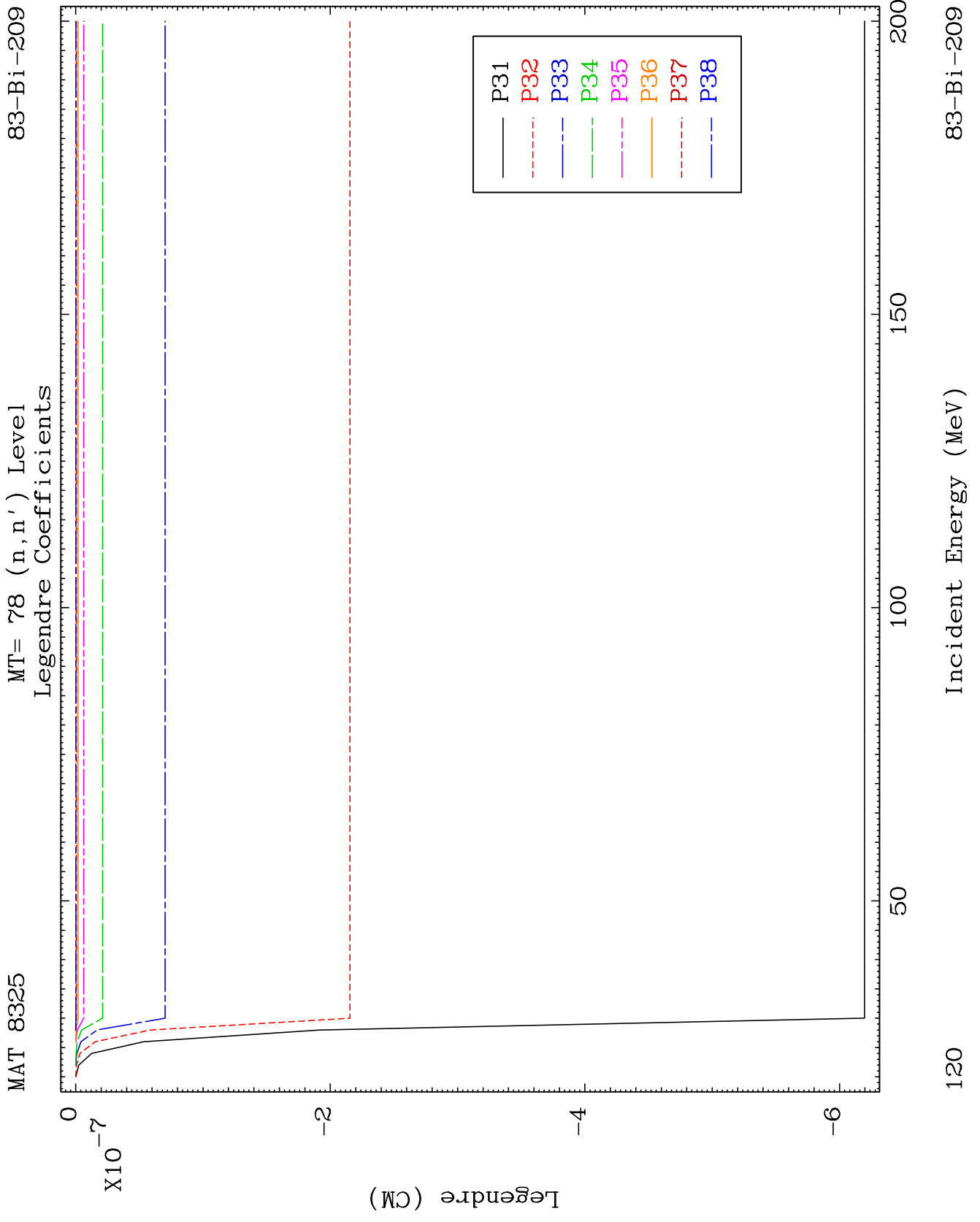
MAT 8325

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

83-Bi-209



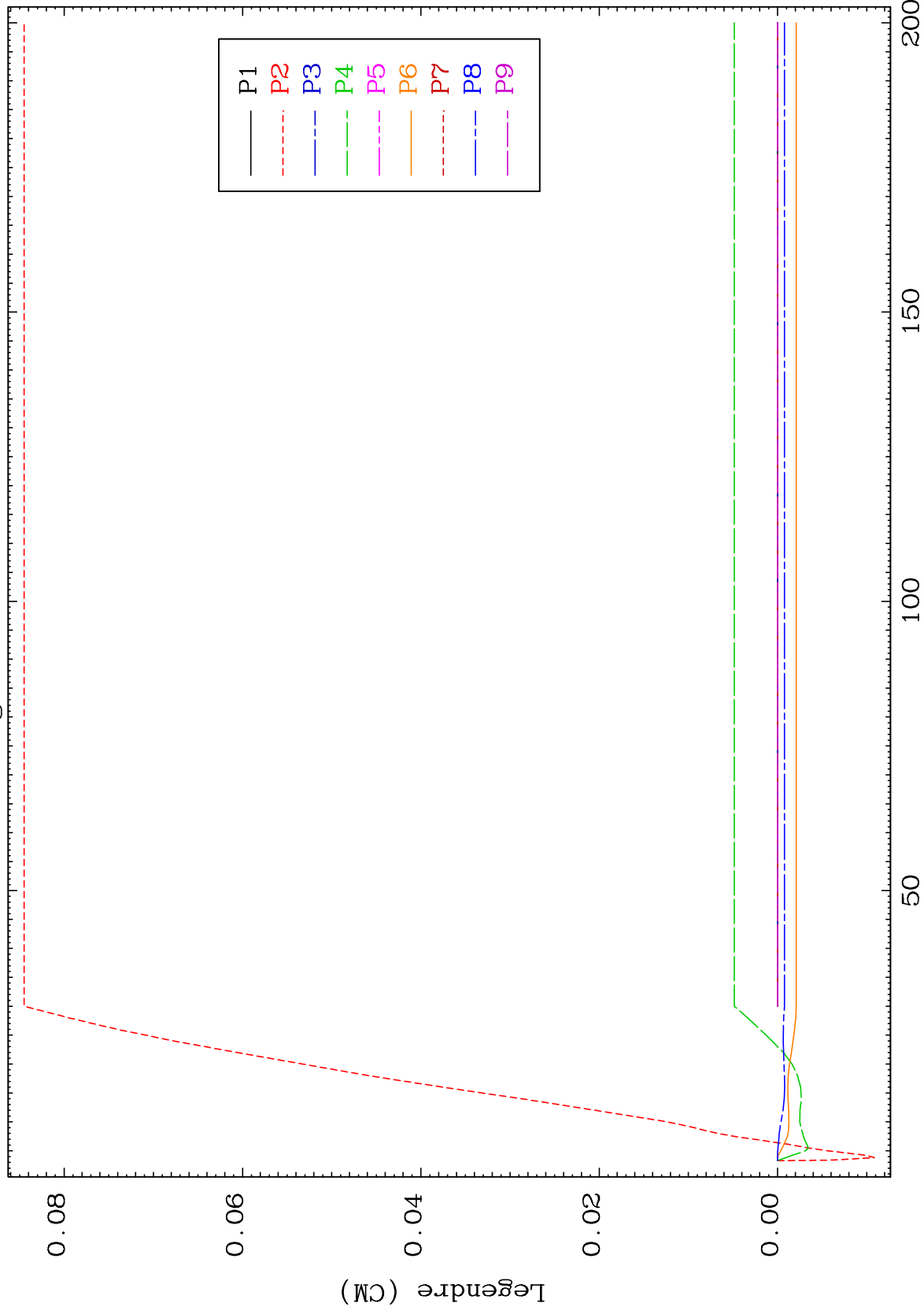




MAT 8325

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

83-Bi-209



121

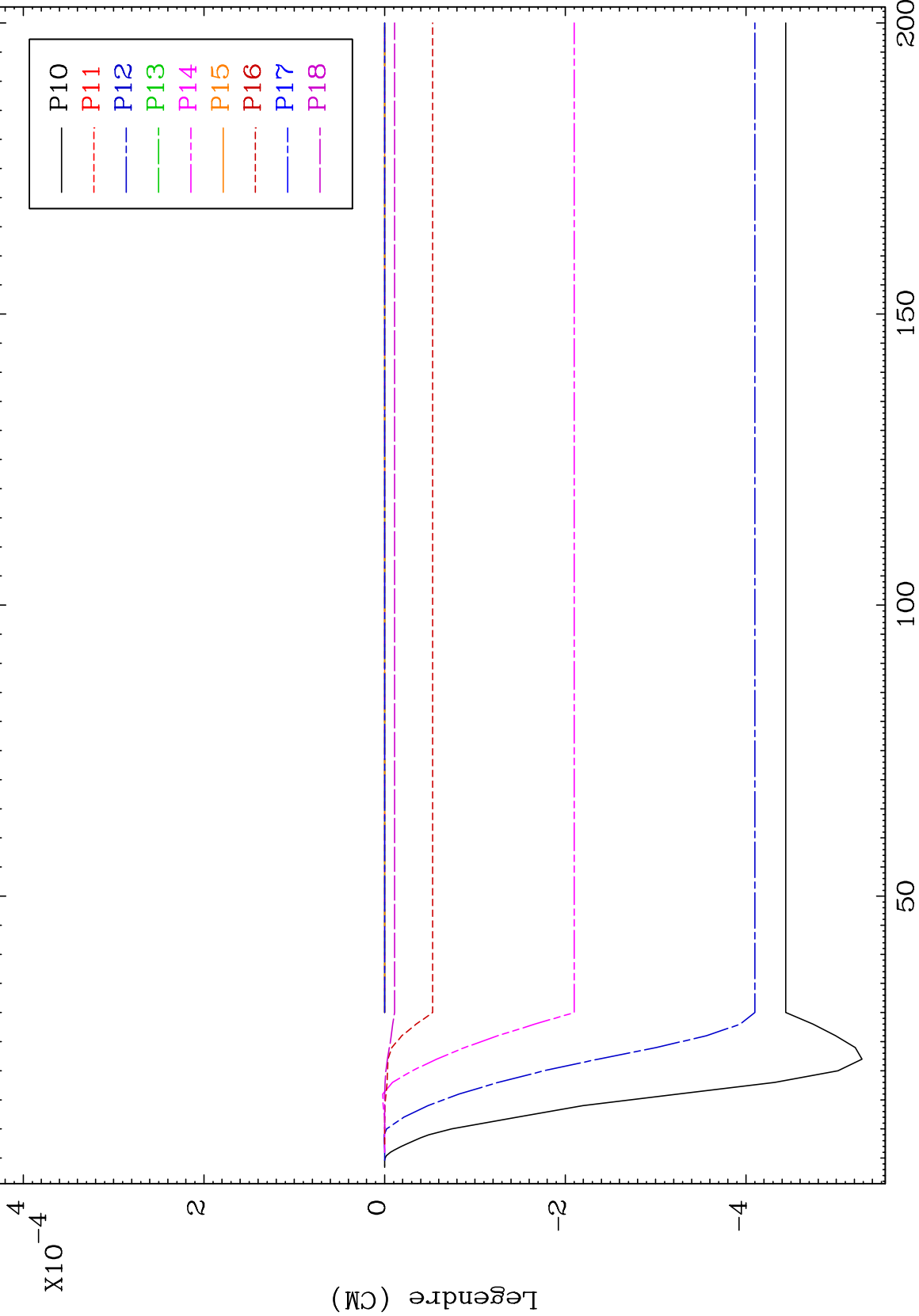
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



122

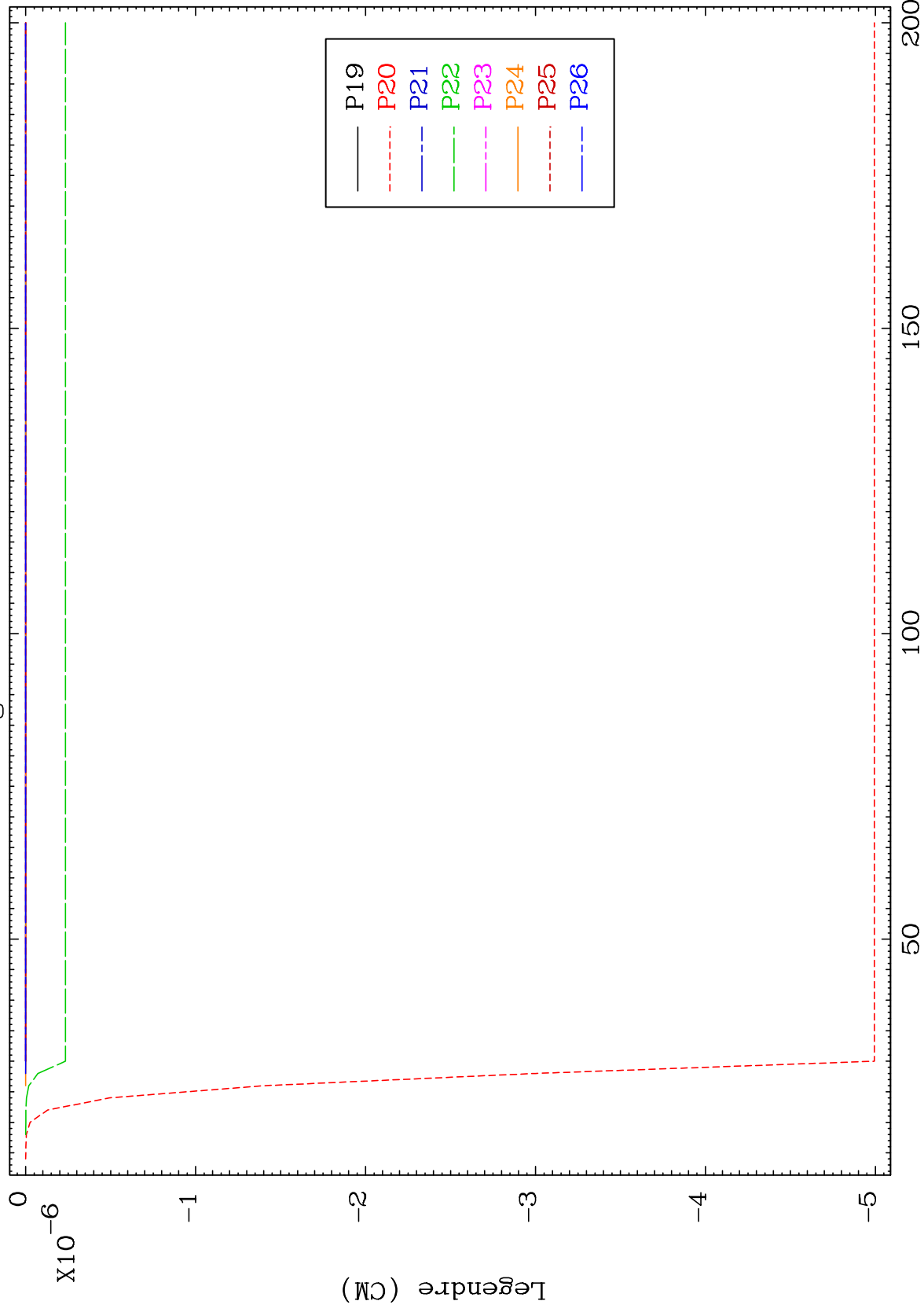
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



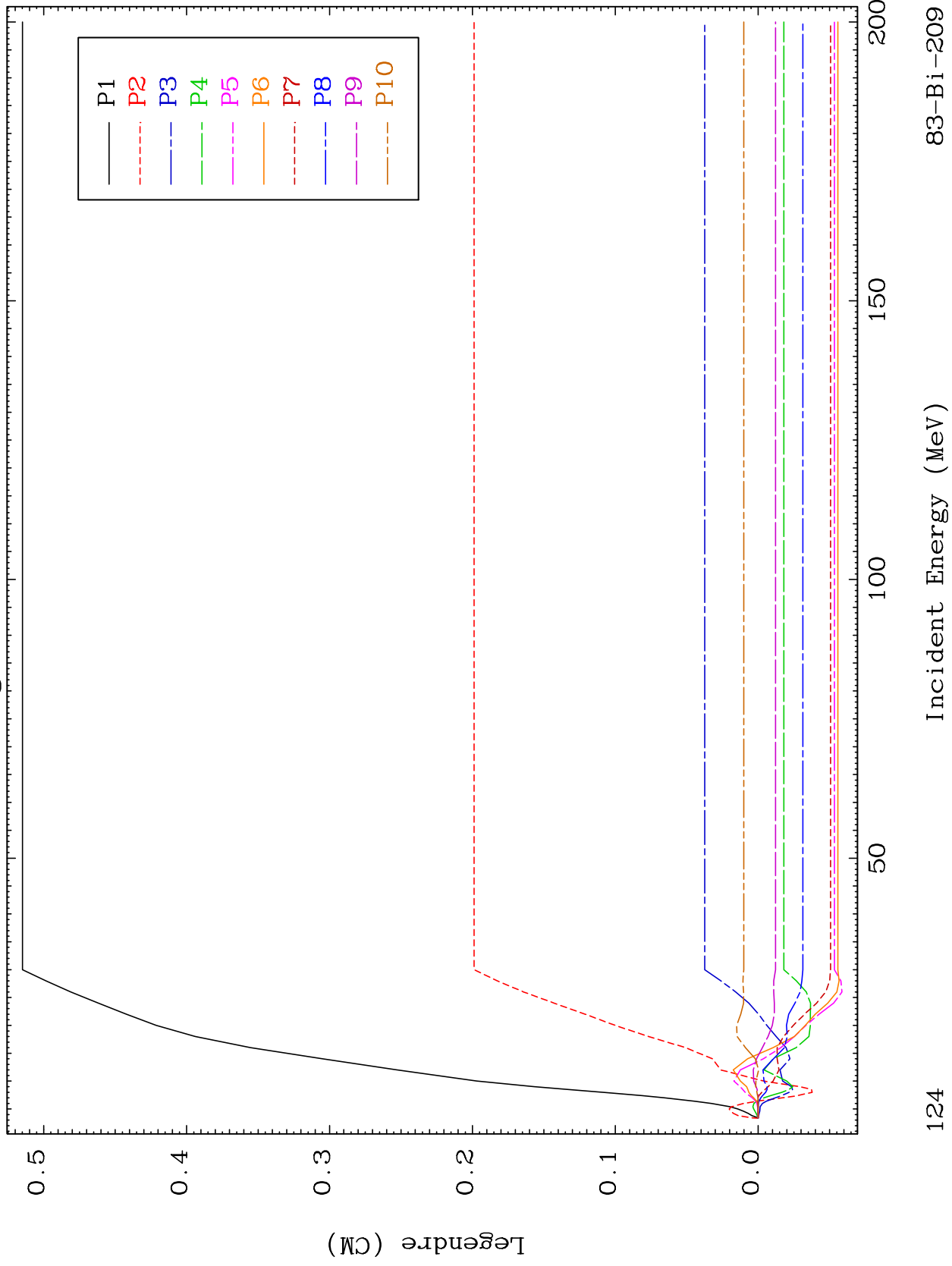
123

83-Bi-209

MAT 8325

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

83-Bi-209



124

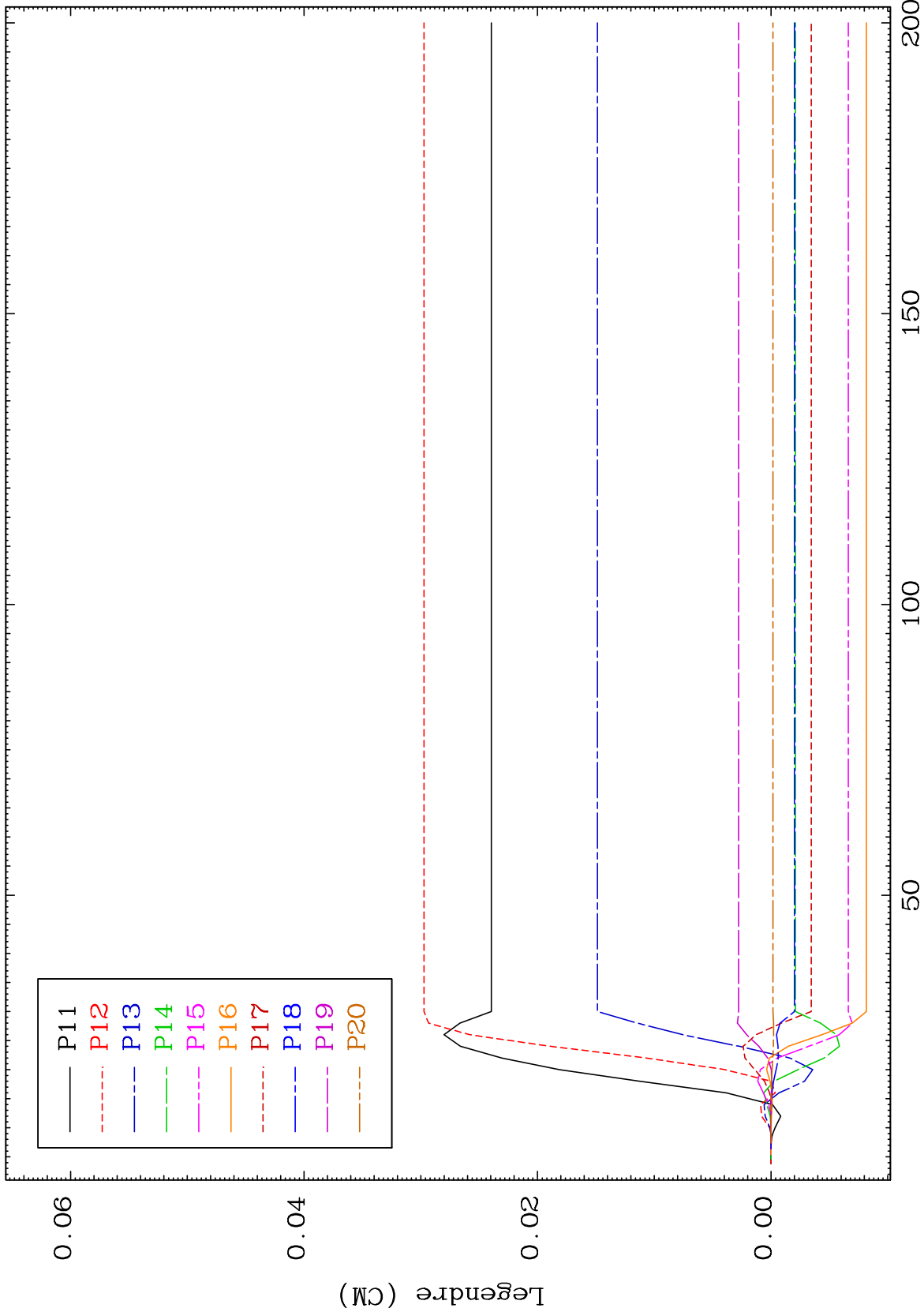
Incident Energy (MeV)

83-Bi-209

MAT 8325

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

83-Bi-209



125

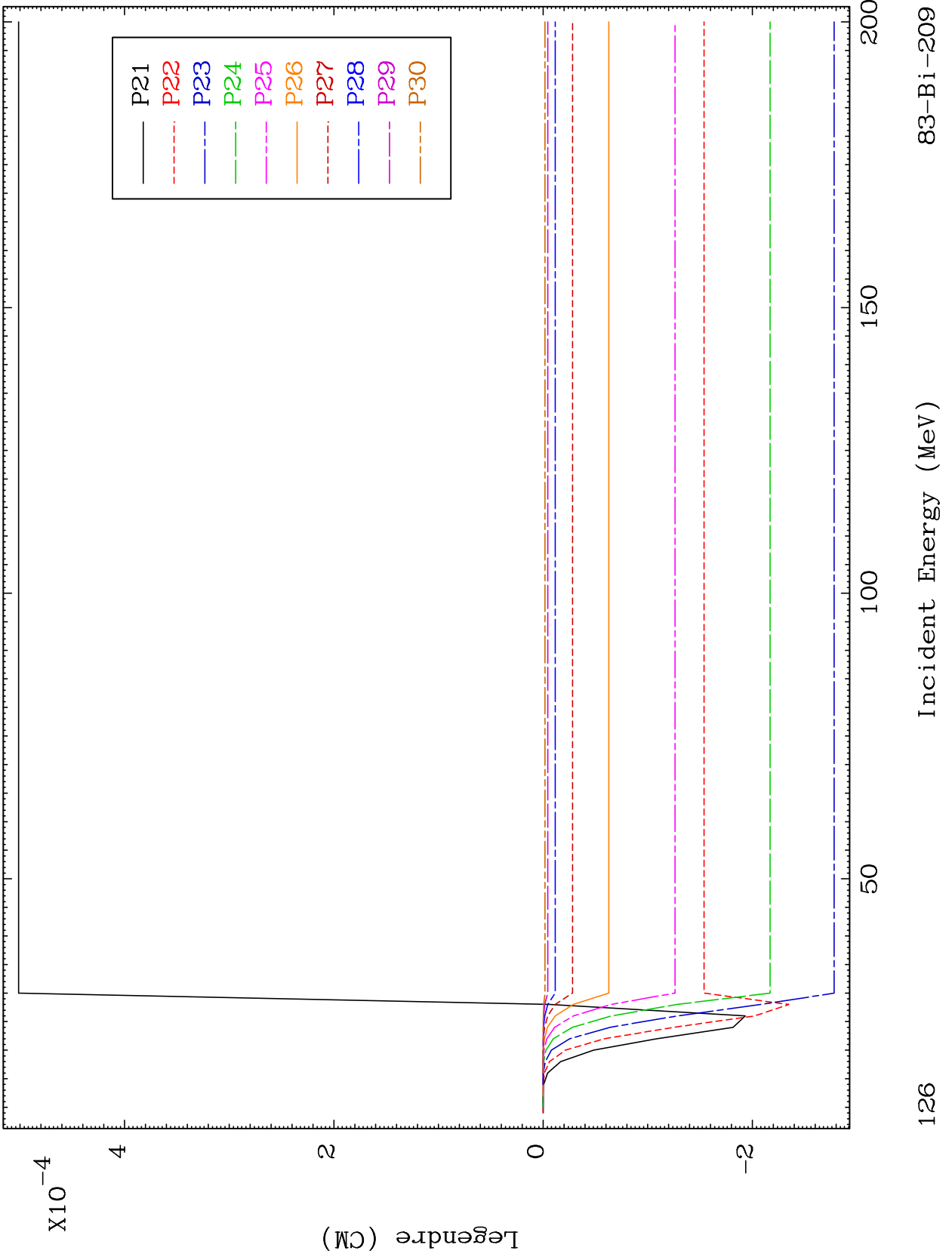
Incident Energy (MeV)

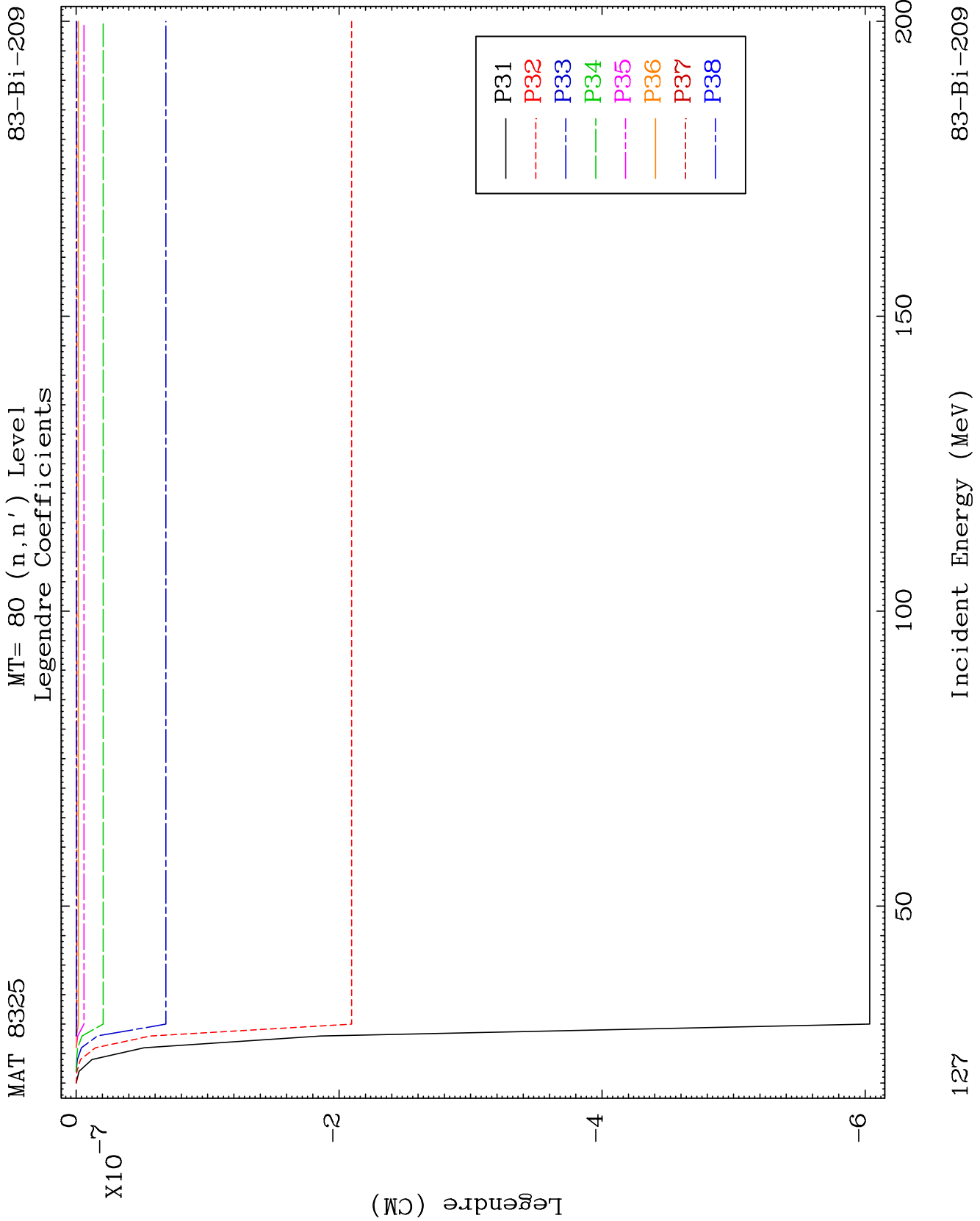
83-Bi-209

MAT 8325

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

83-Bi-209



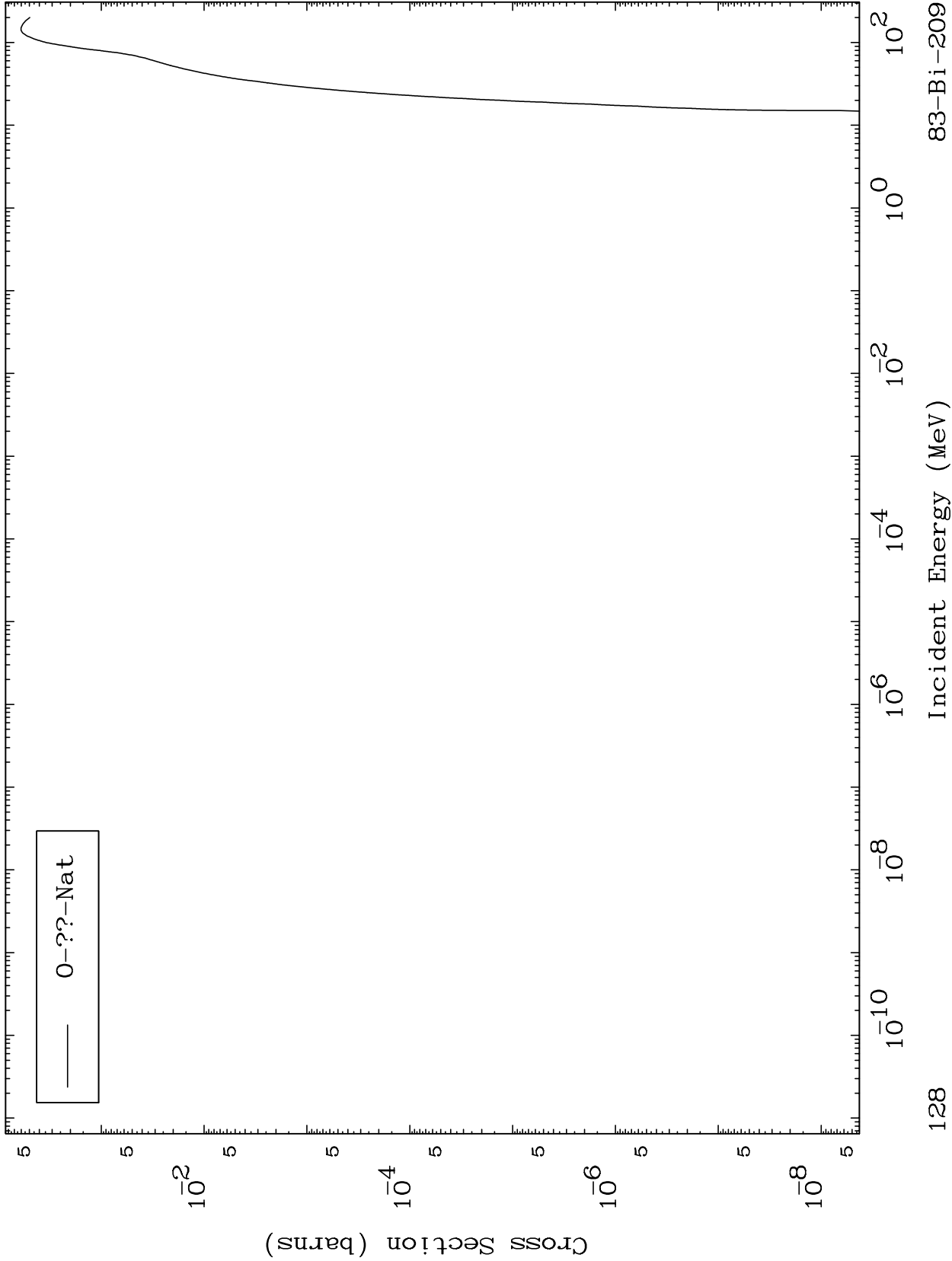




MAT 8325

Fission  
Radionuclide Production Cross Section

83-Bi-209



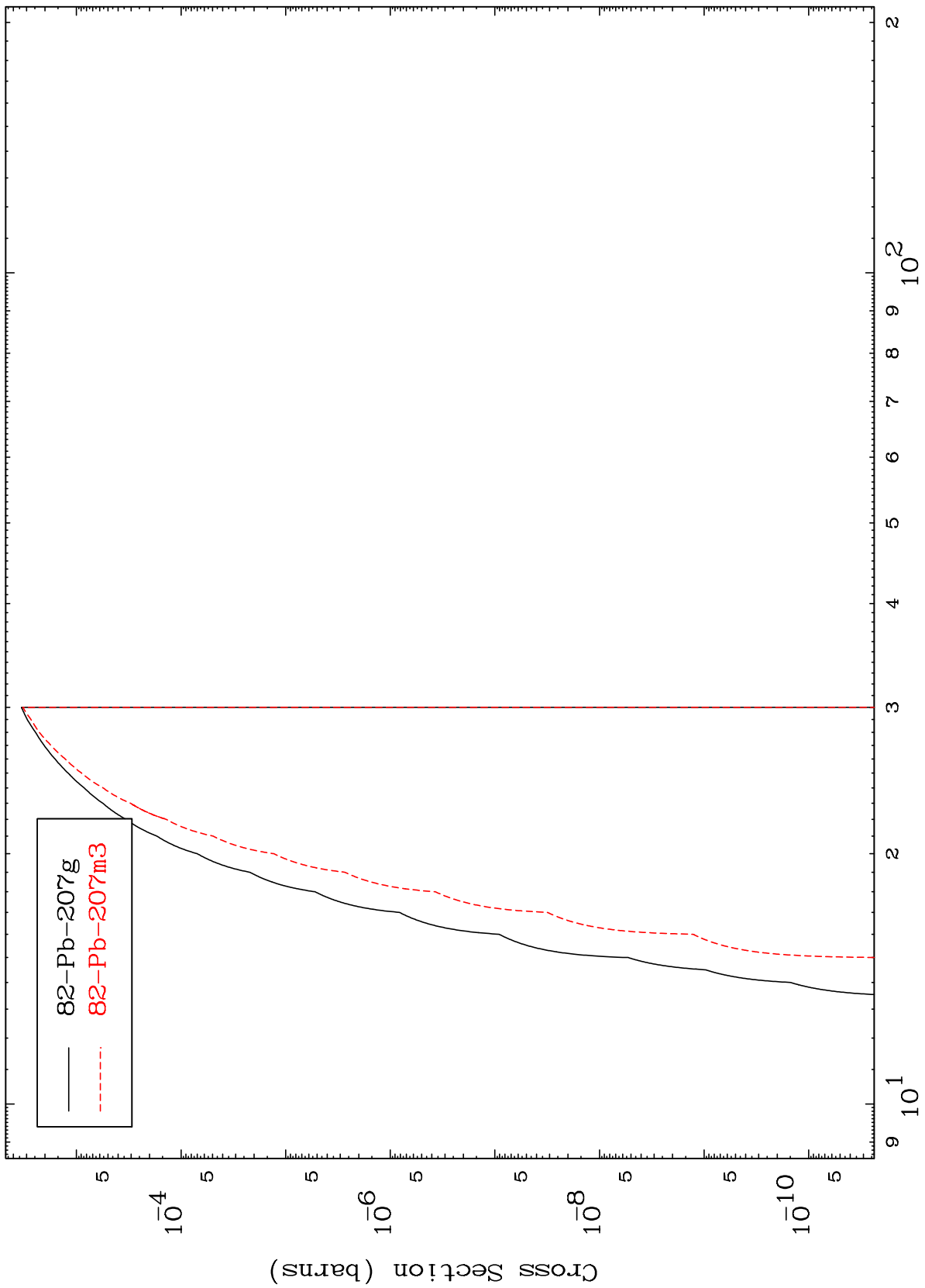
83-Bi-209

MAT 8325

(n,n') d

83-Bi-209

Radionuclide Production Cross Section

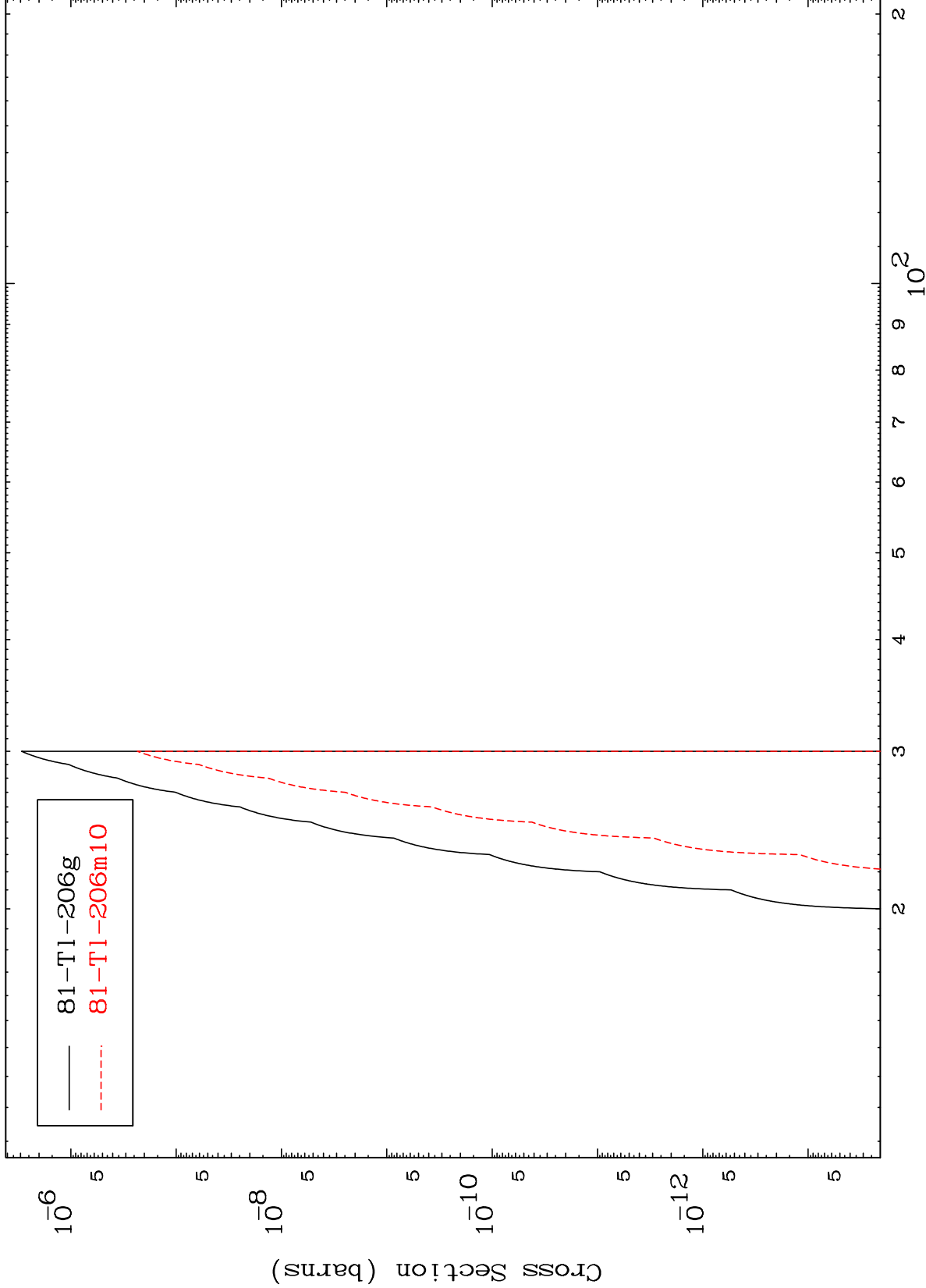


129

Incident Energy (MeV)

83-Bi-209

Radionuclide Production Cross Section

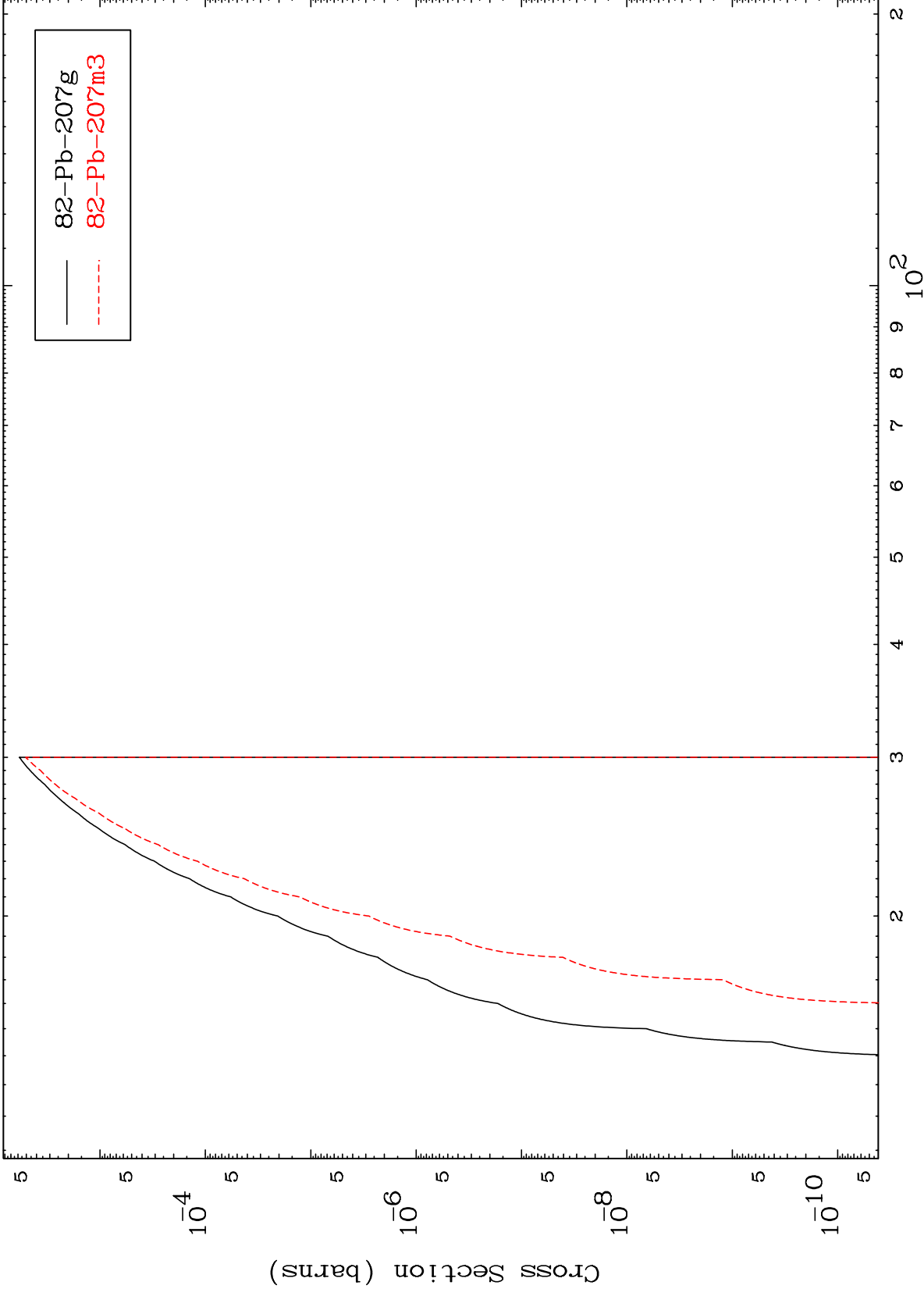


MAT 8325

(n,2n) p

83-Bi-209

Radionuclide Production Cross Section



131

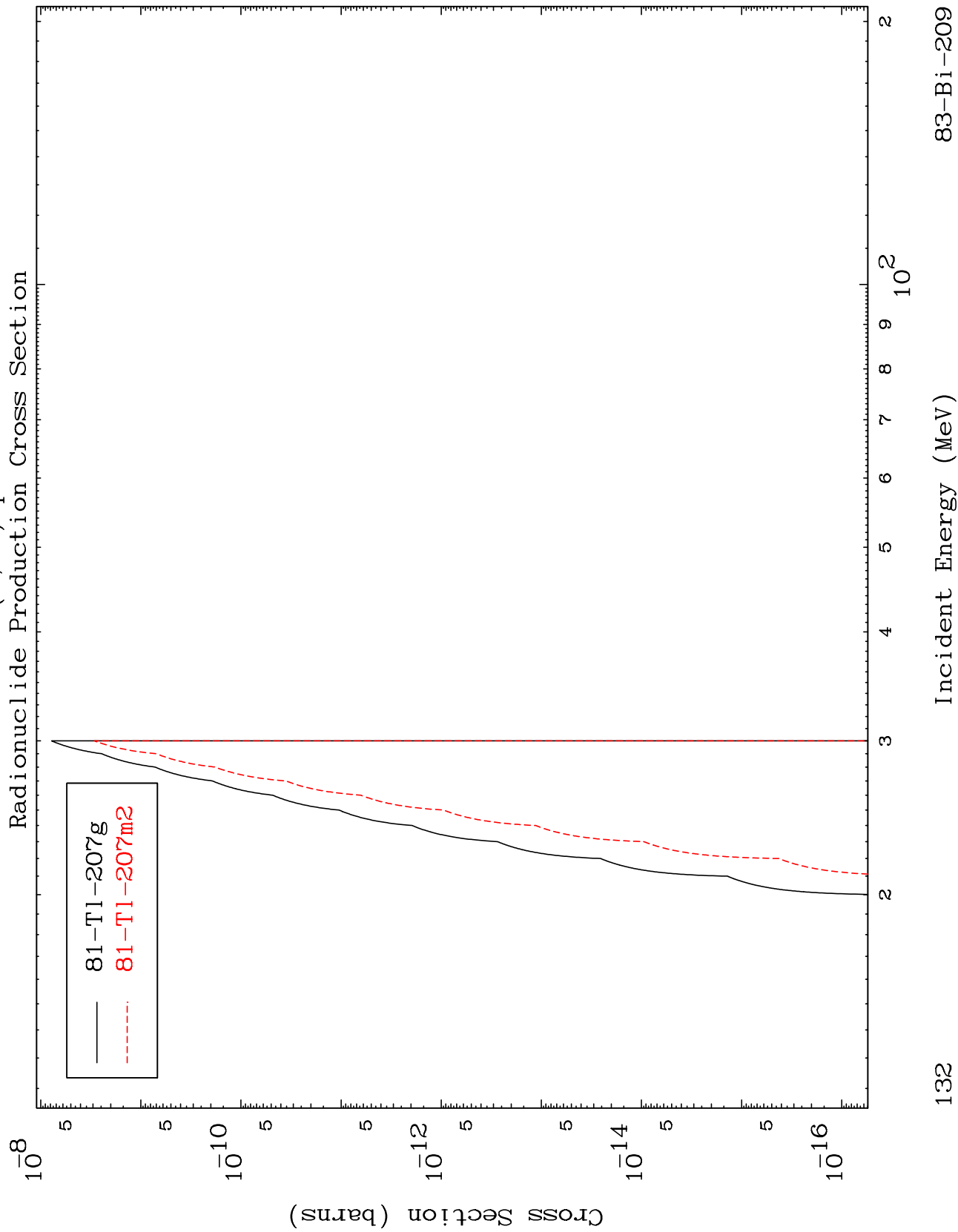
Incident Energy (MeV)

83-Bi-209

MAT 8325

(n,2n) p

83-Bi-209



132

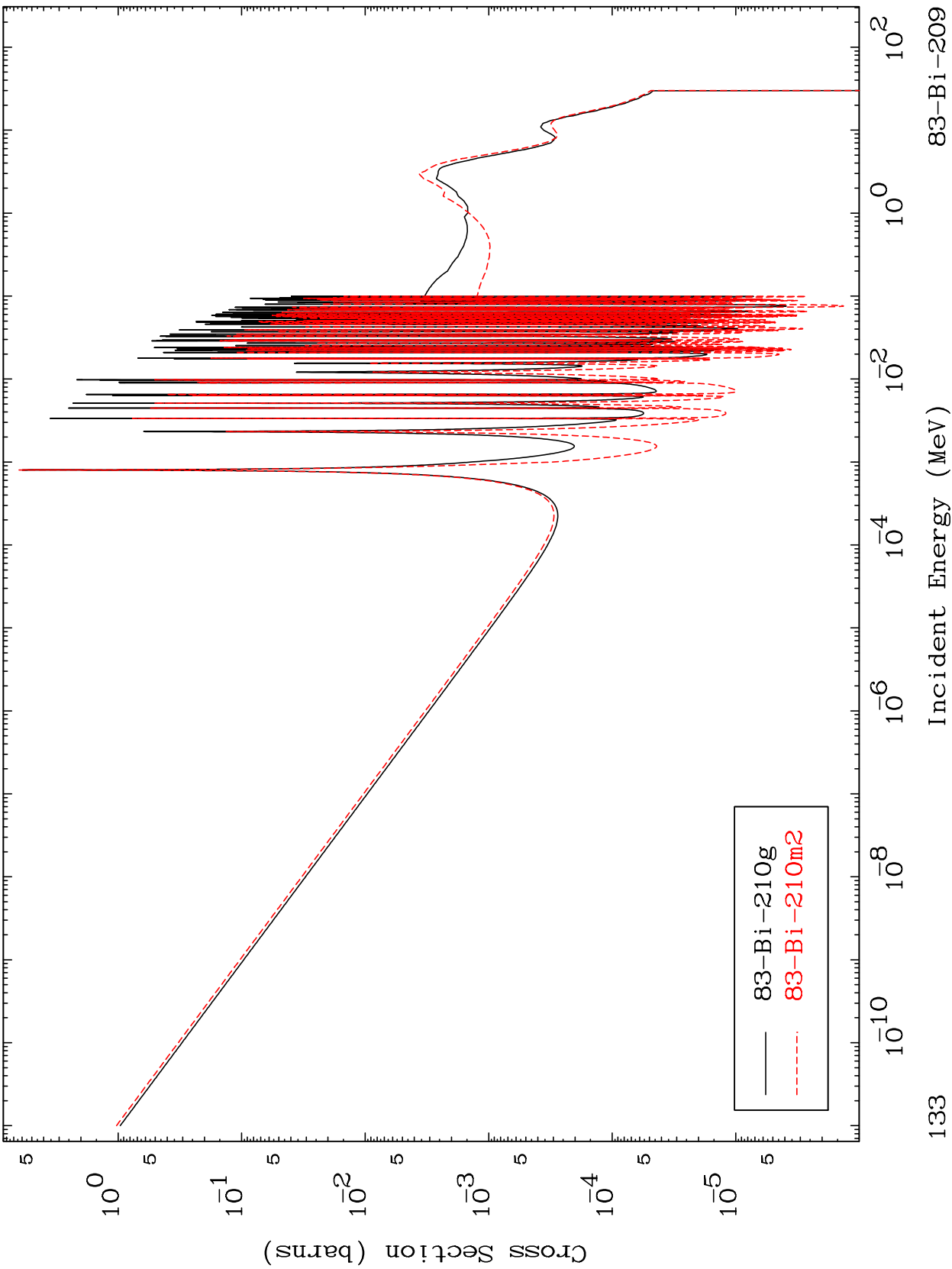
83-Bi-209

MAT 8325

(n,  $\gamma$ )

83-Bi-209

Radionuclide Production Cross Section



133

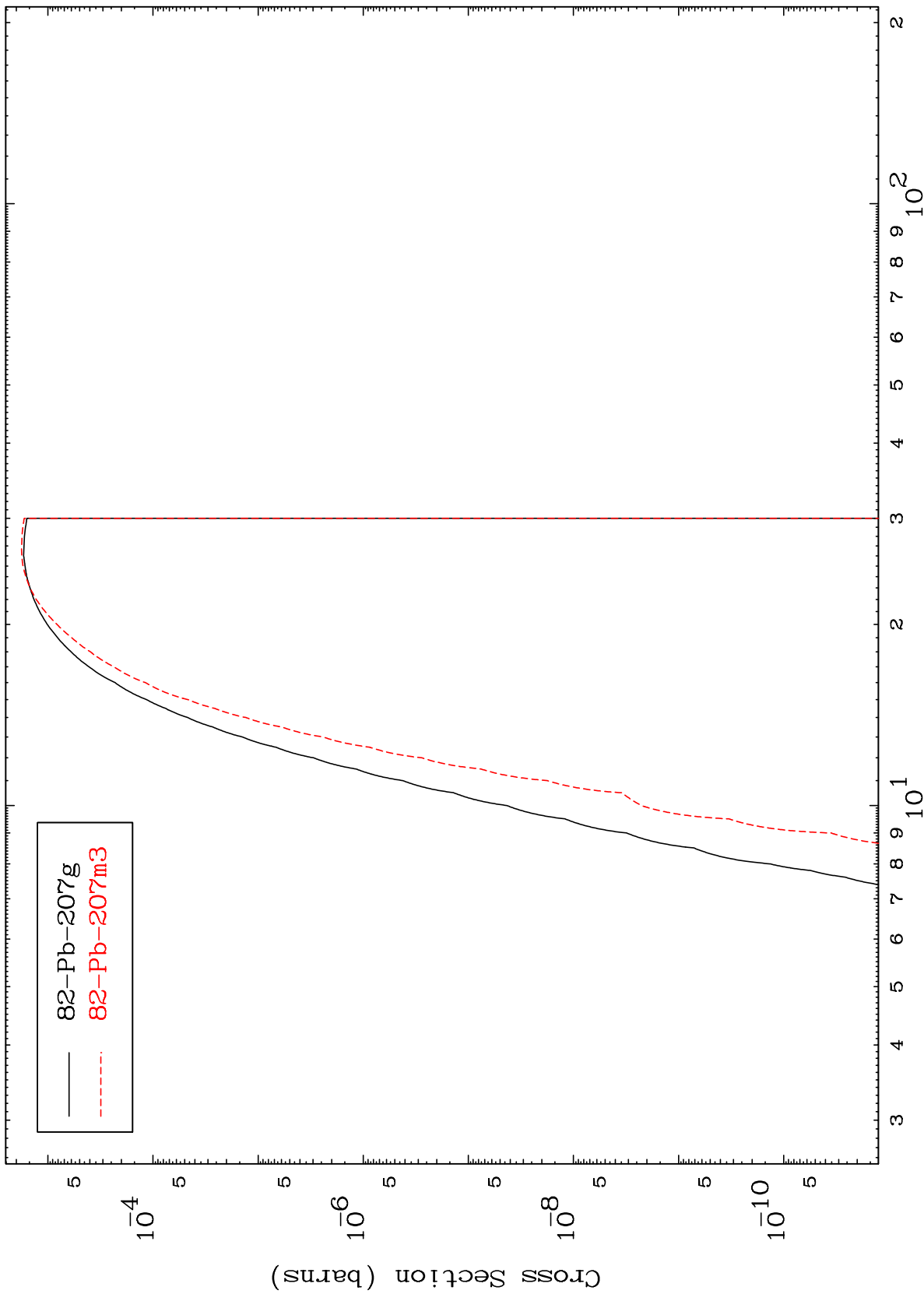
Incident Energy (MeV)

83-Bi-209

MAT 8325

83-Bi-209

(n,t)  
Radionuclide Production Cross Section



83-Bi-209

Incident Energy (MeV)

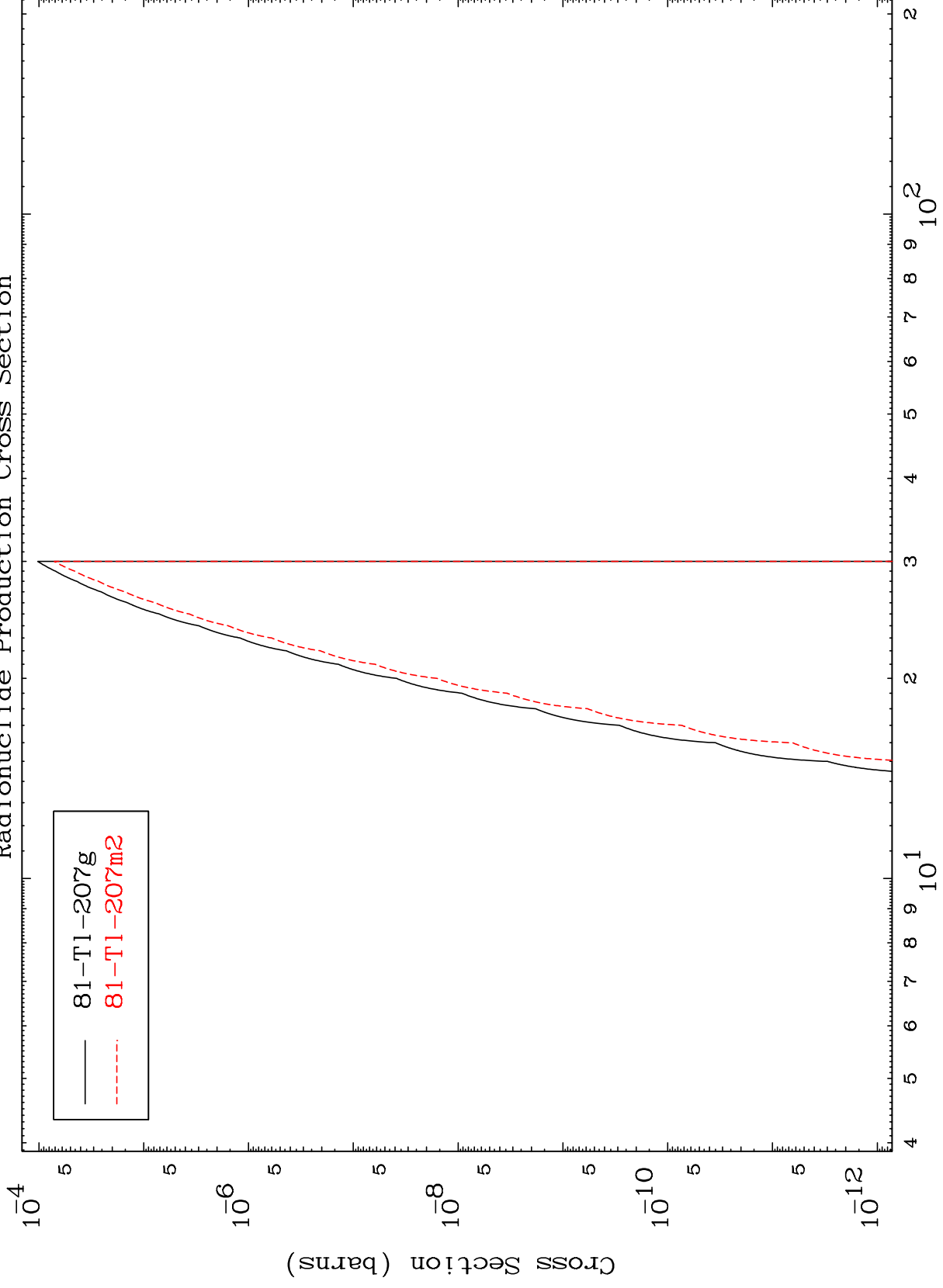
134

MAT 8325

(n,He-3)

83-Bi-209

Radionuclide Production Cross Section



135

Incident Energy (MeV)

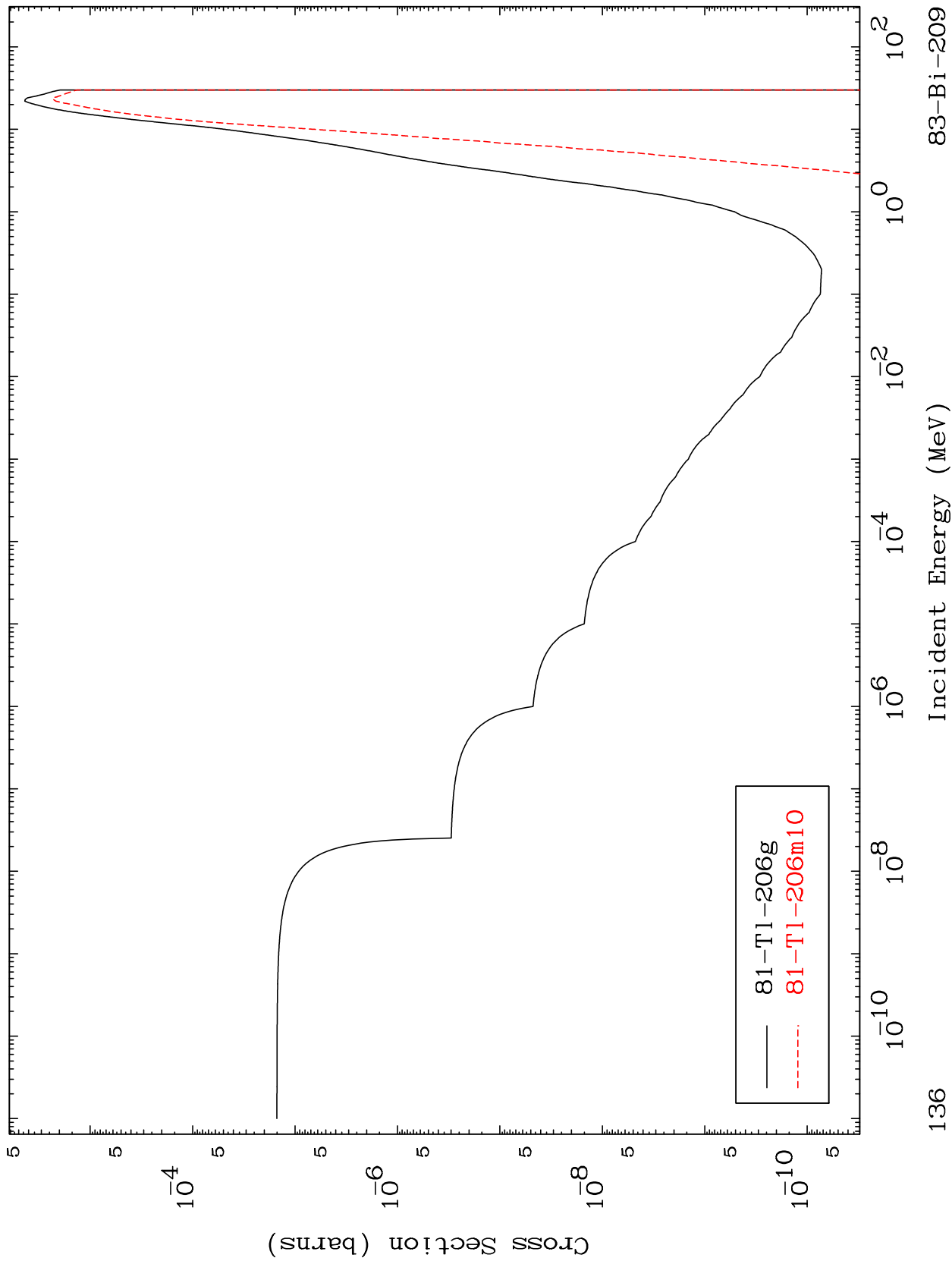
83-Bi-209



MAT 8325

83-Bi-209

(n,  $\alpha$ )  
Radionuclide Production Cross Section

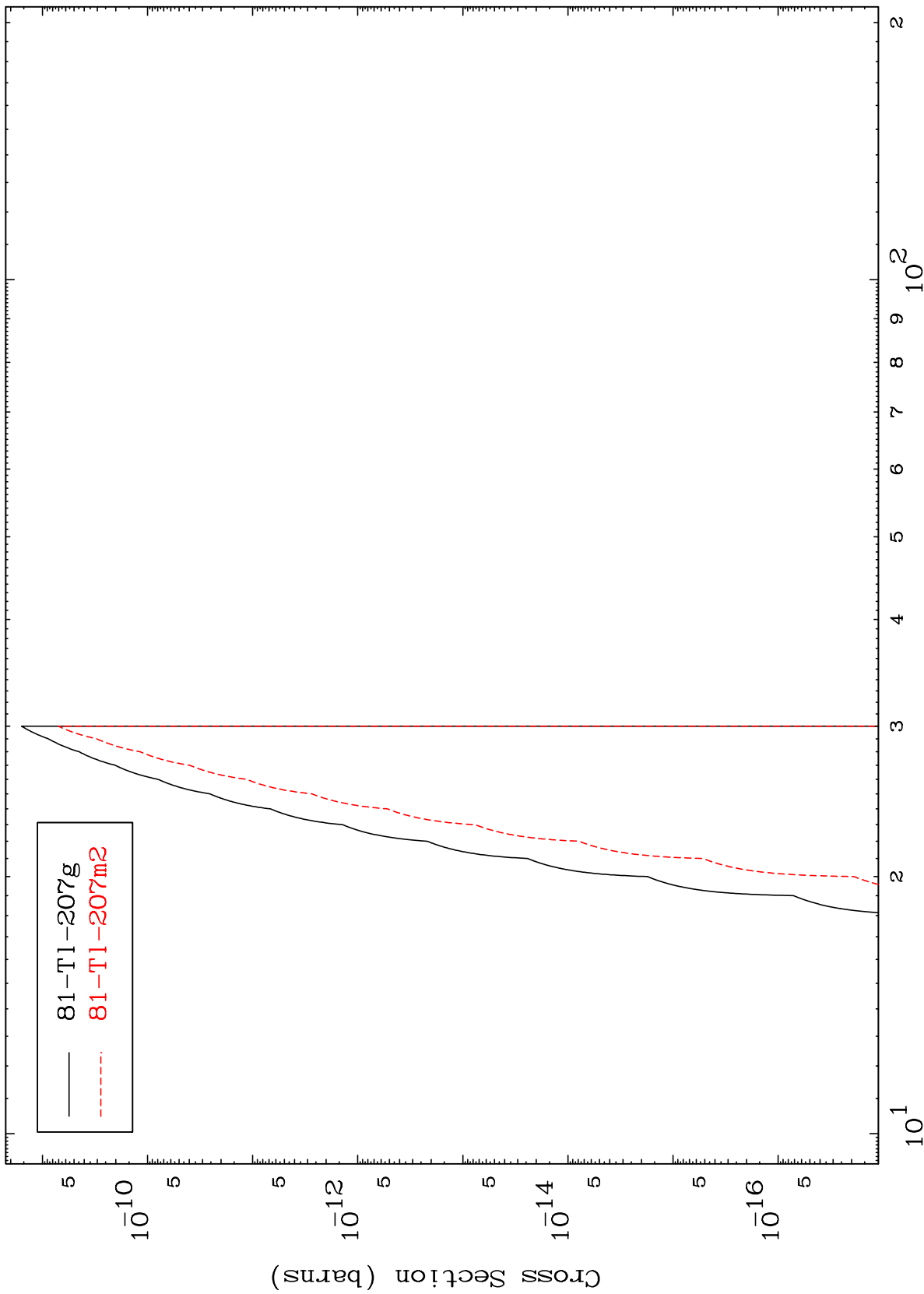


MAT 8325

(n,p) d

83-Bi-209

Radionuclide Production Cross Section



137

Incident Energy (MeV)

83-Bi-209