

Program EVALPLOT  
(Version 2021-1)

by

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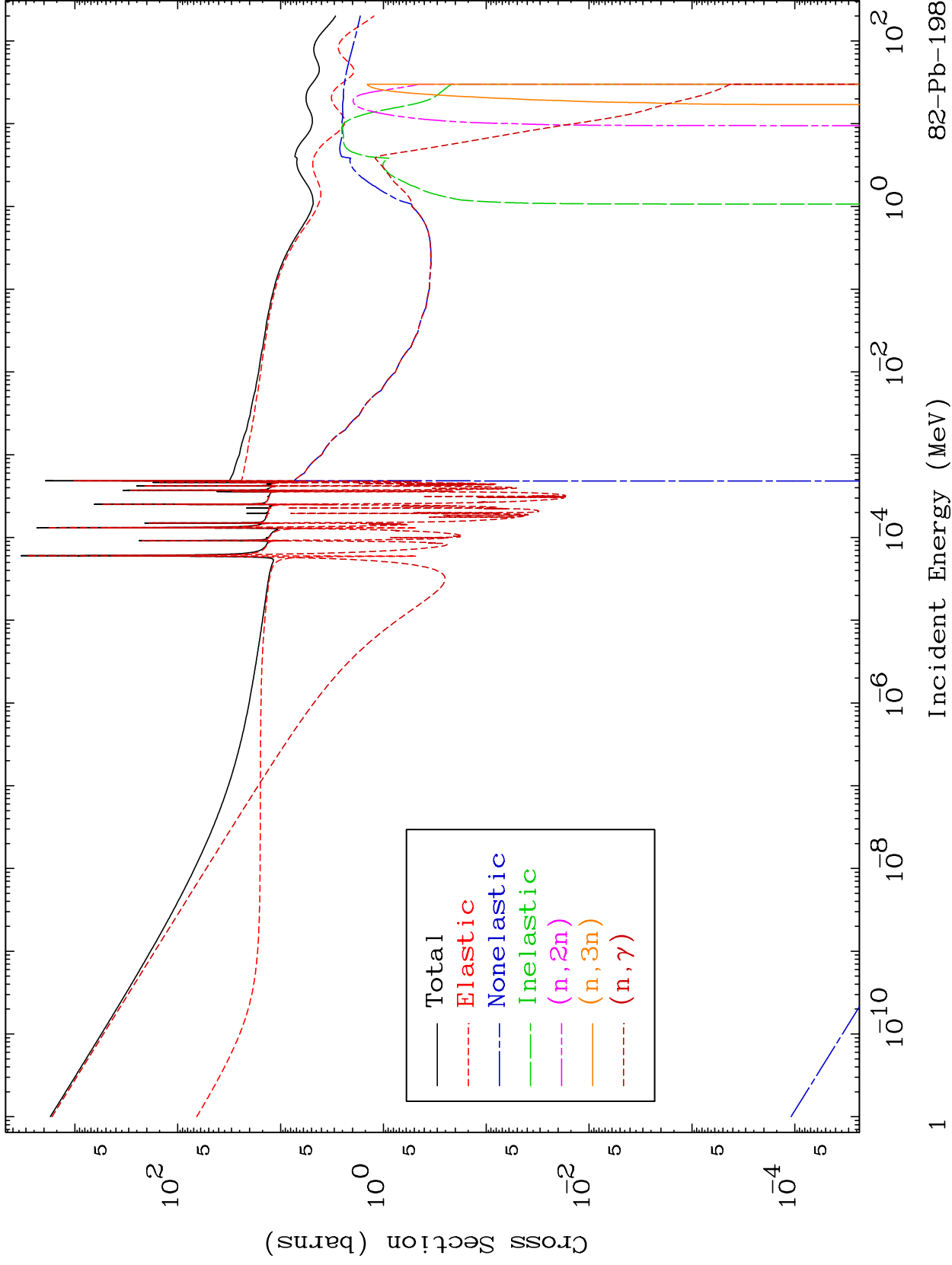
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8207

Neutron Major  
293 Kelvin Cross Sections

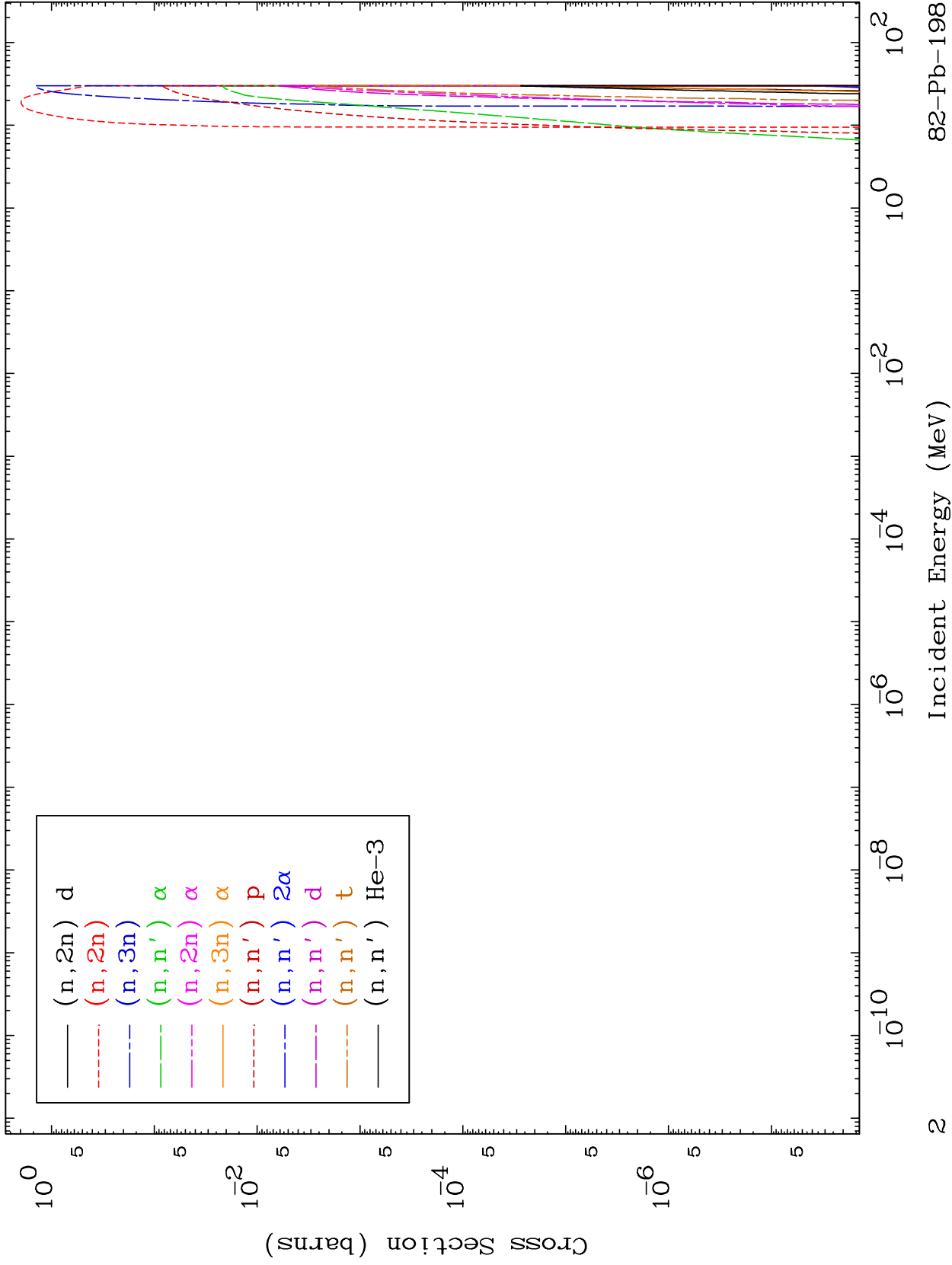
82-Pb-198



MAT 8207

Neutron Absorption  
293 Kelvin Cross Sections

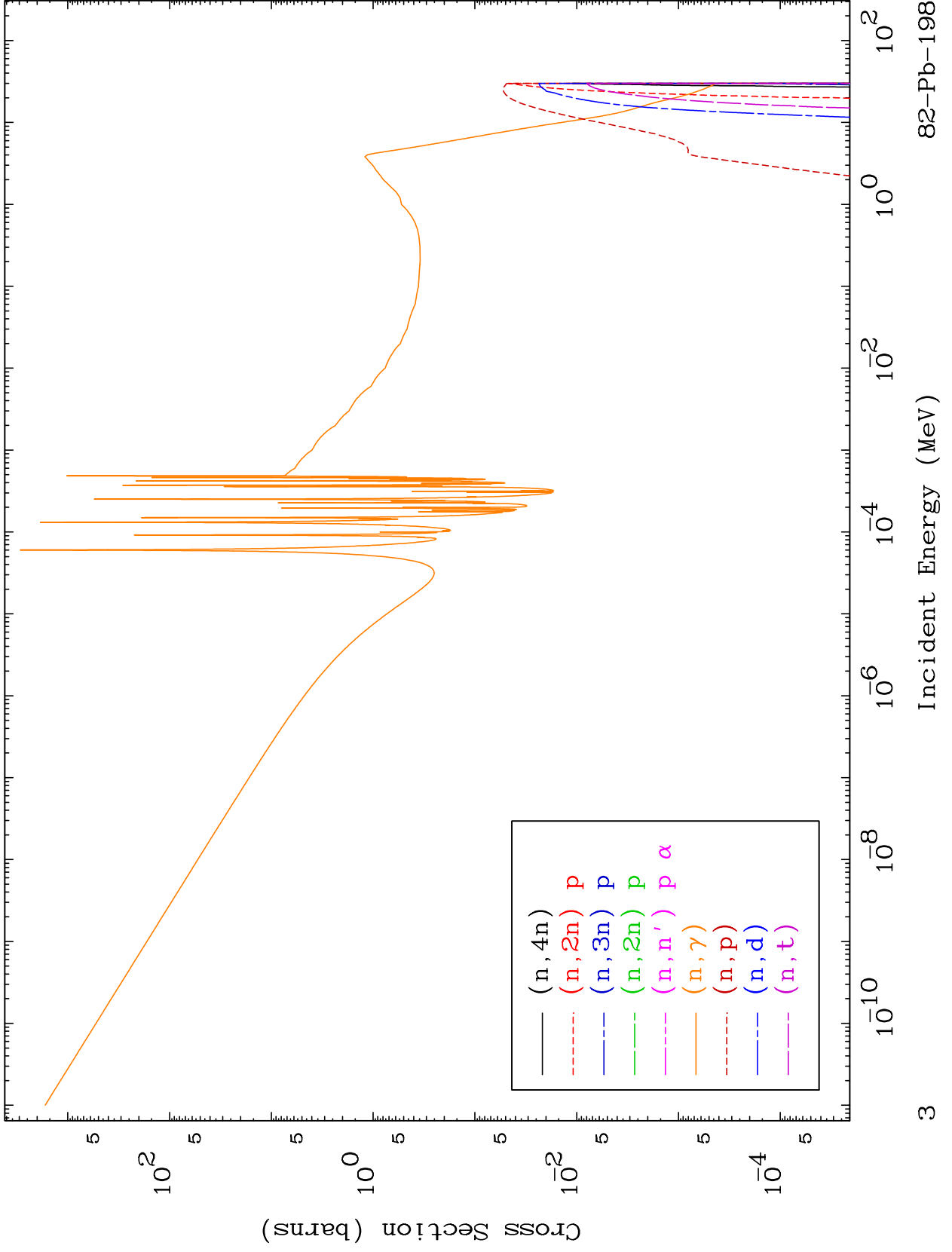
82-Pb-198



MAT 8207

Neutron Absorption  
293 Kelvin Cross Sections

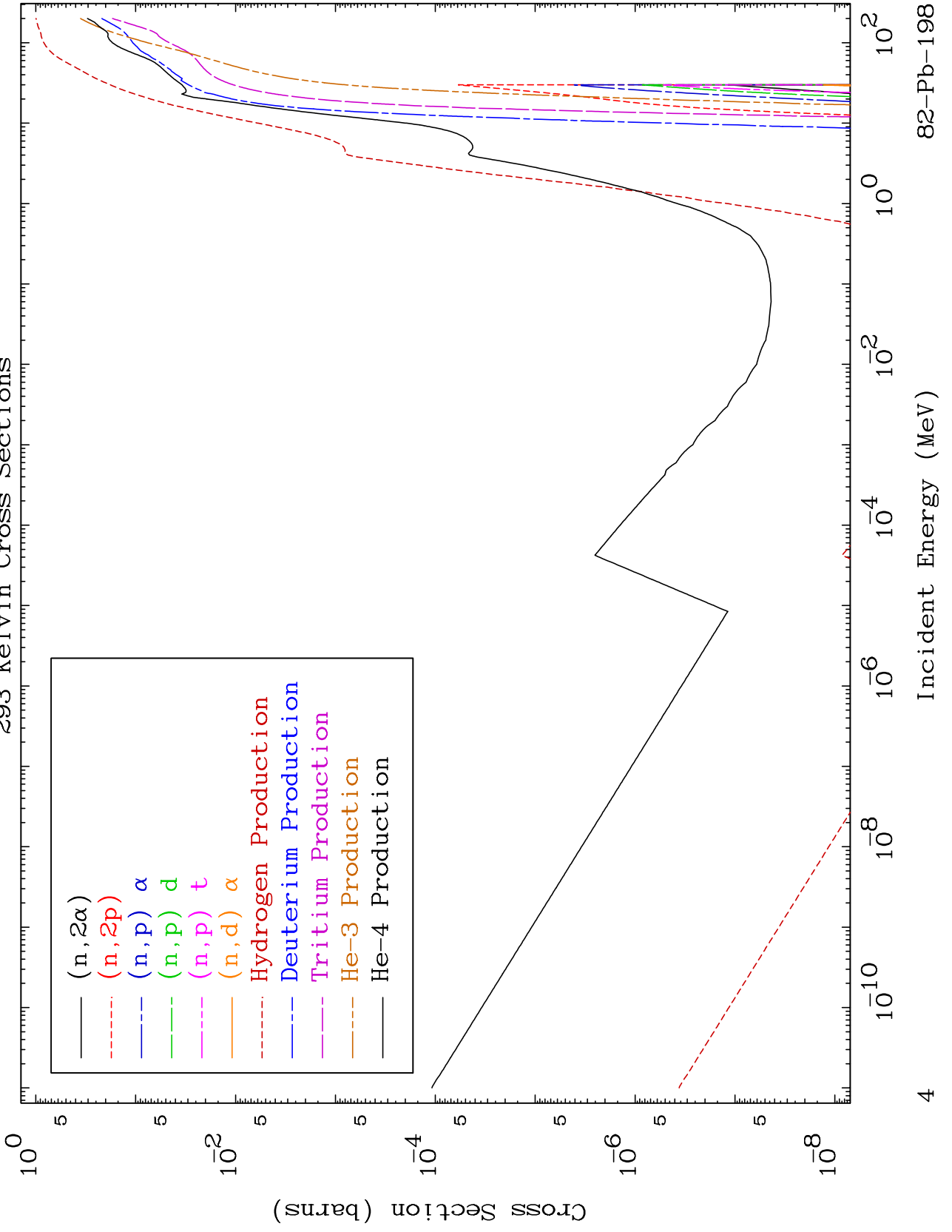
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MAT 8207

Neutron Absorption  
293 Kelvin Cross Sections

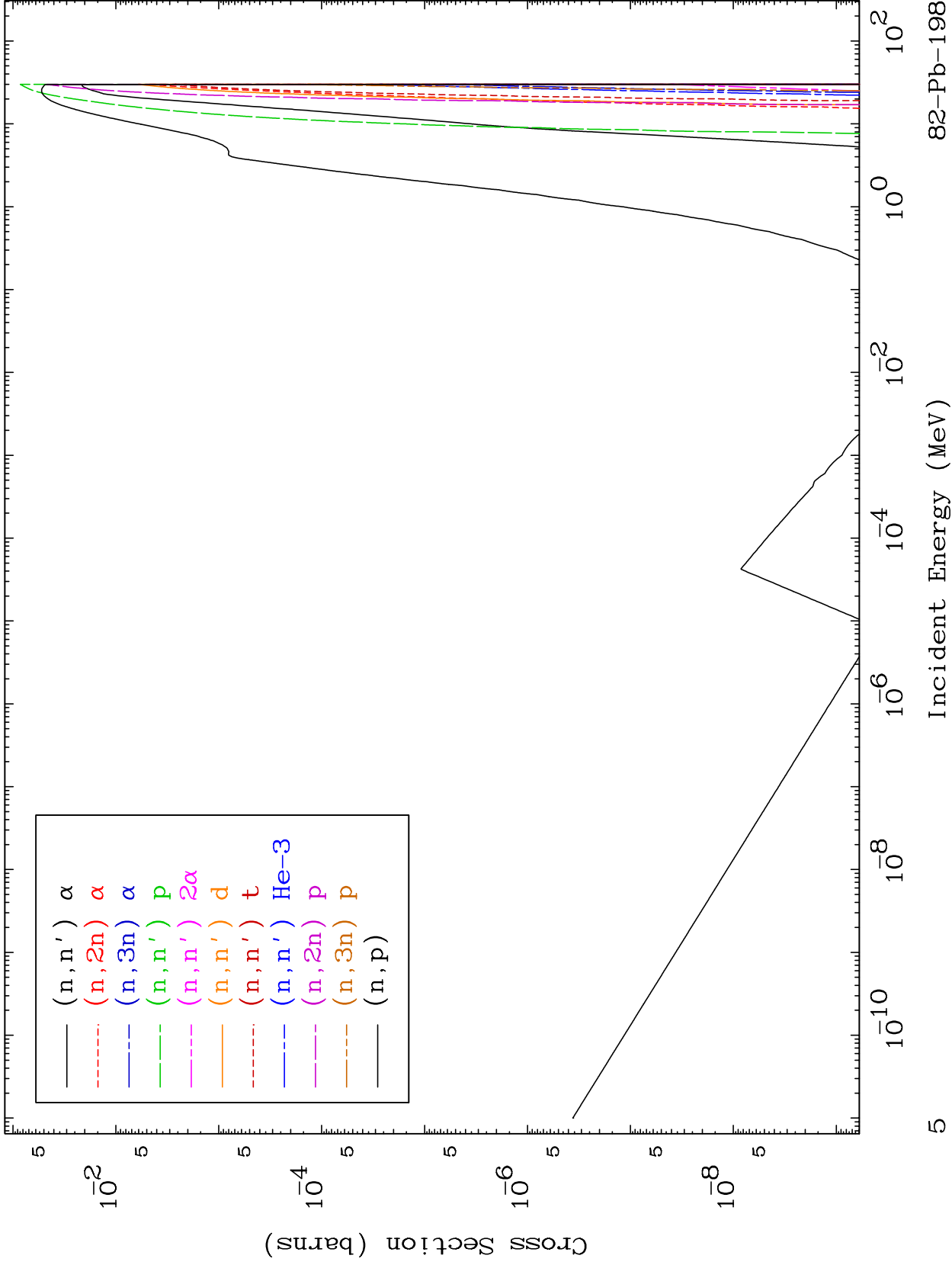
82-Pb-198



MAT 8207

Charged Particle  
293 Kelvin Cross Sections

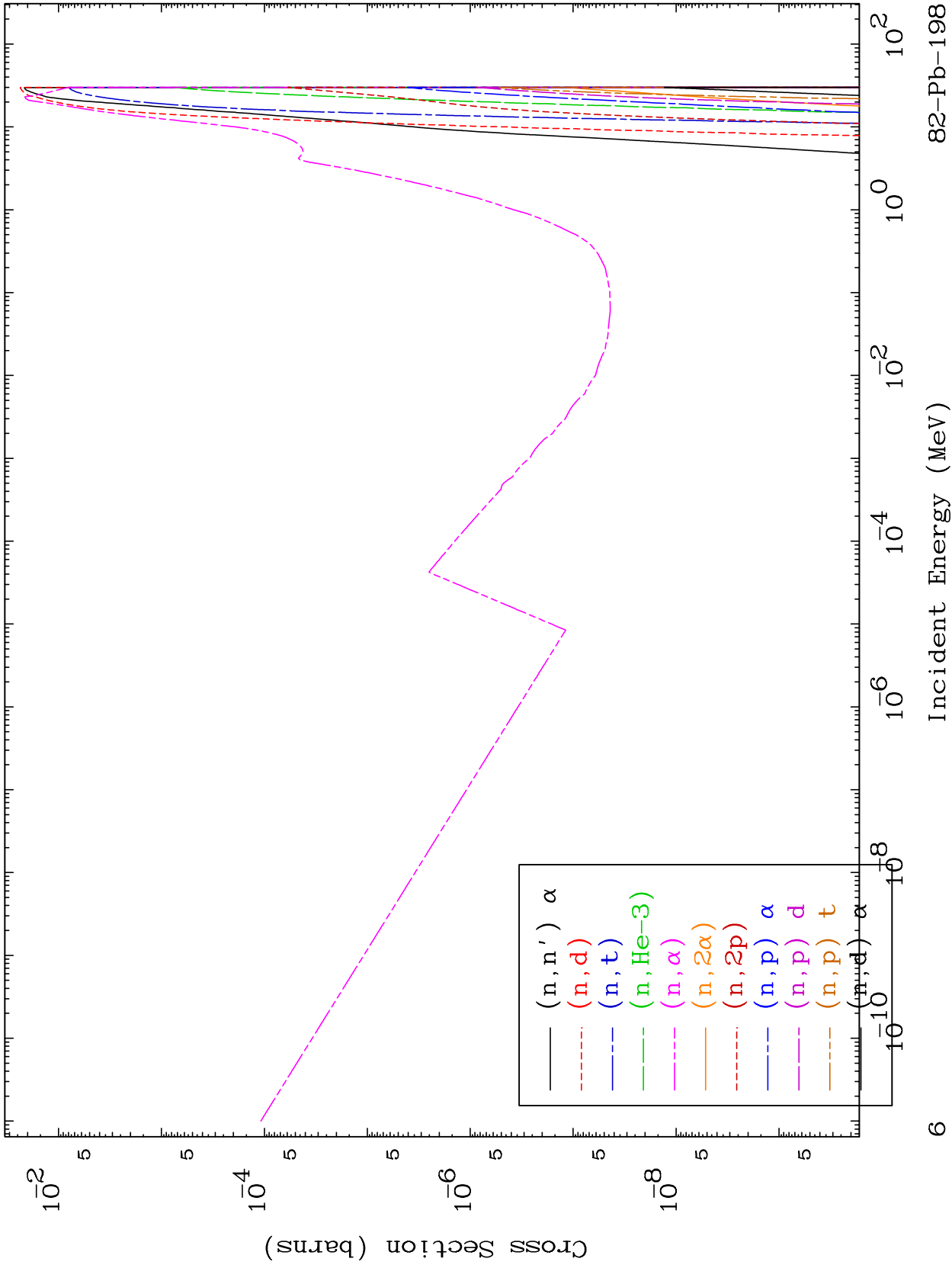
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MAT 8207

Charged Particle  
293 Kelvin Cross Sections

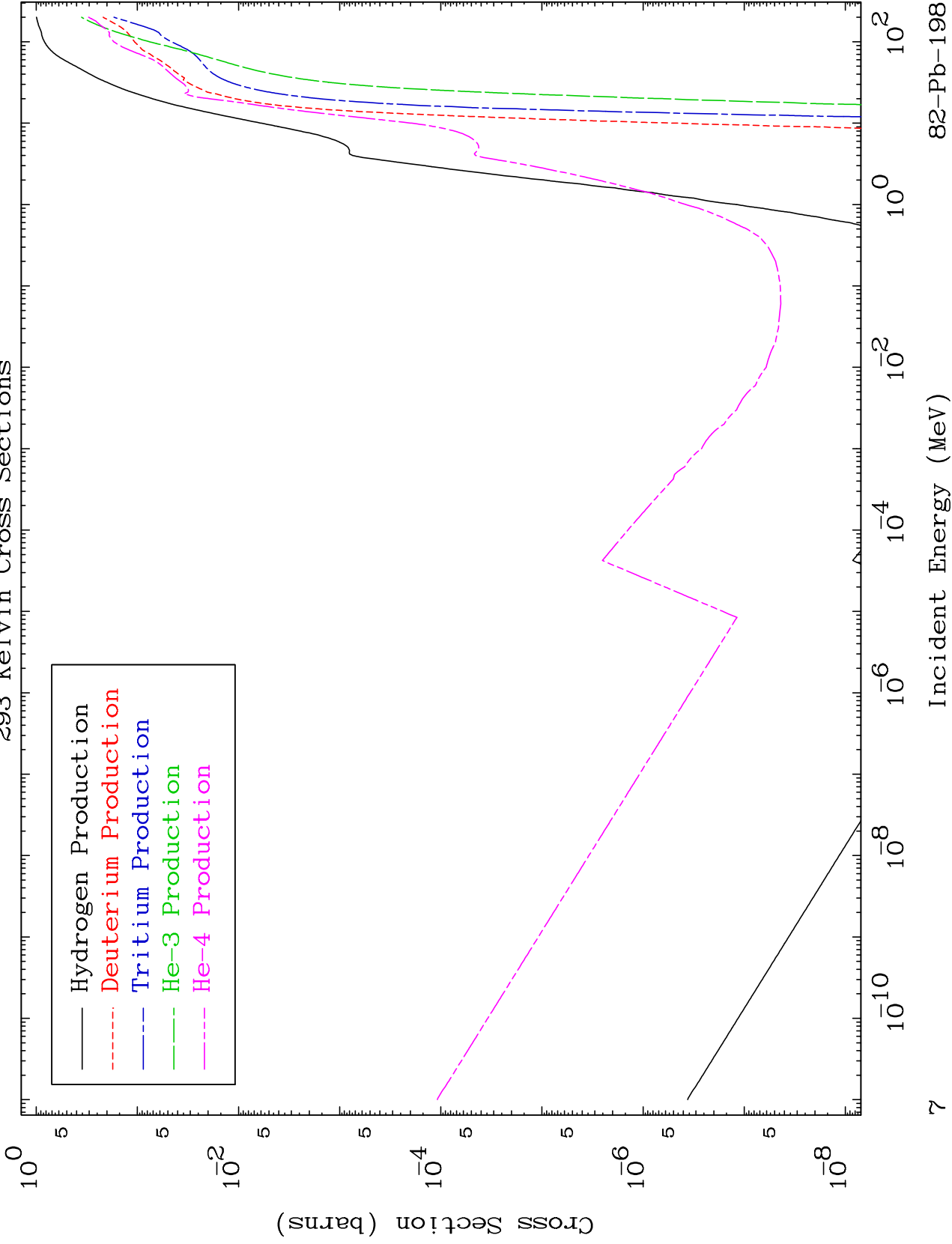
82-Pb-198



MAT 8207

Particle Production  
293 Kelvin Cross Sections

82-Pb-198



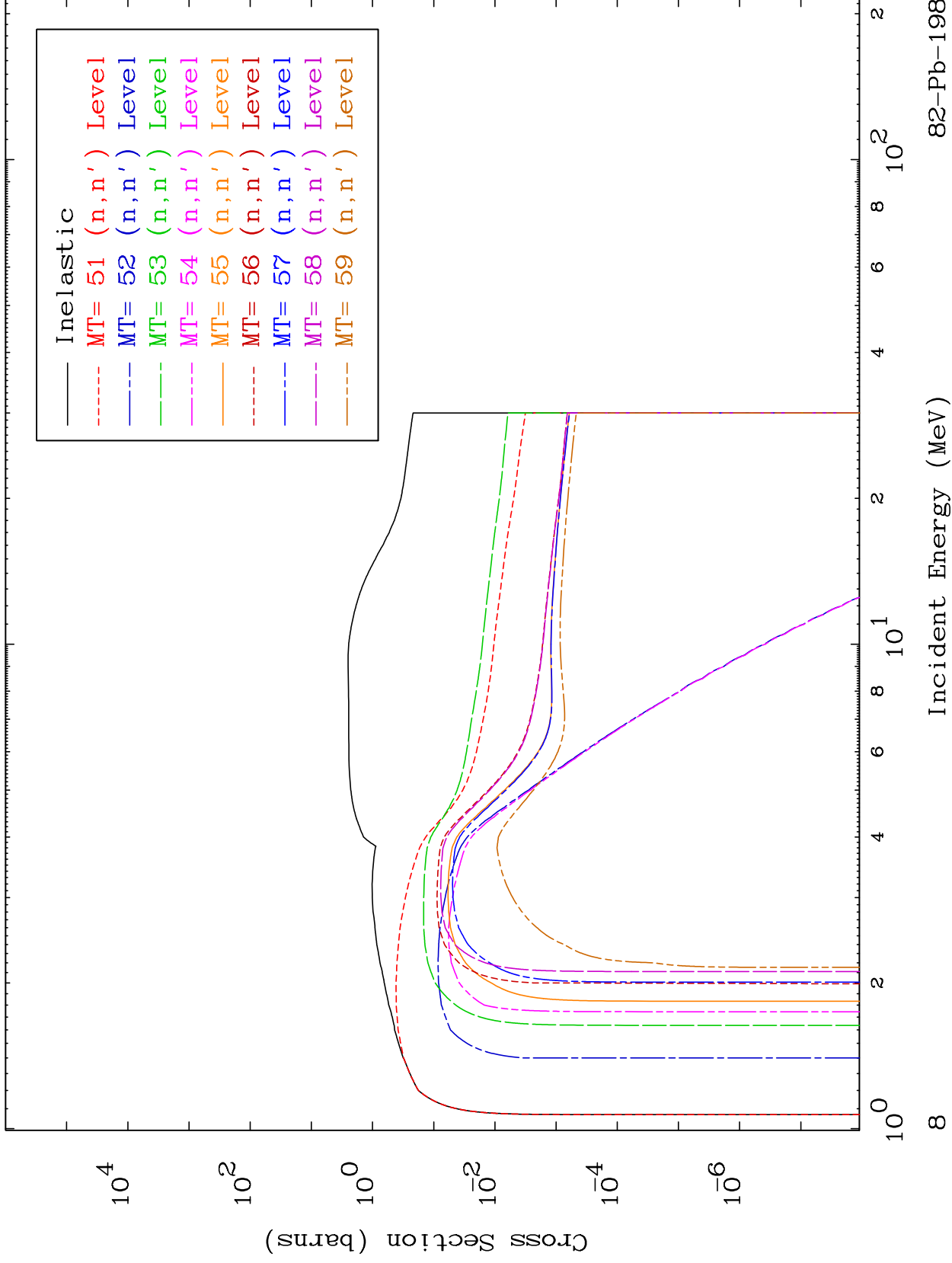


MAT 8207

(n,n') Levels

293 Kelvin Cross Sections

82-Pb-198



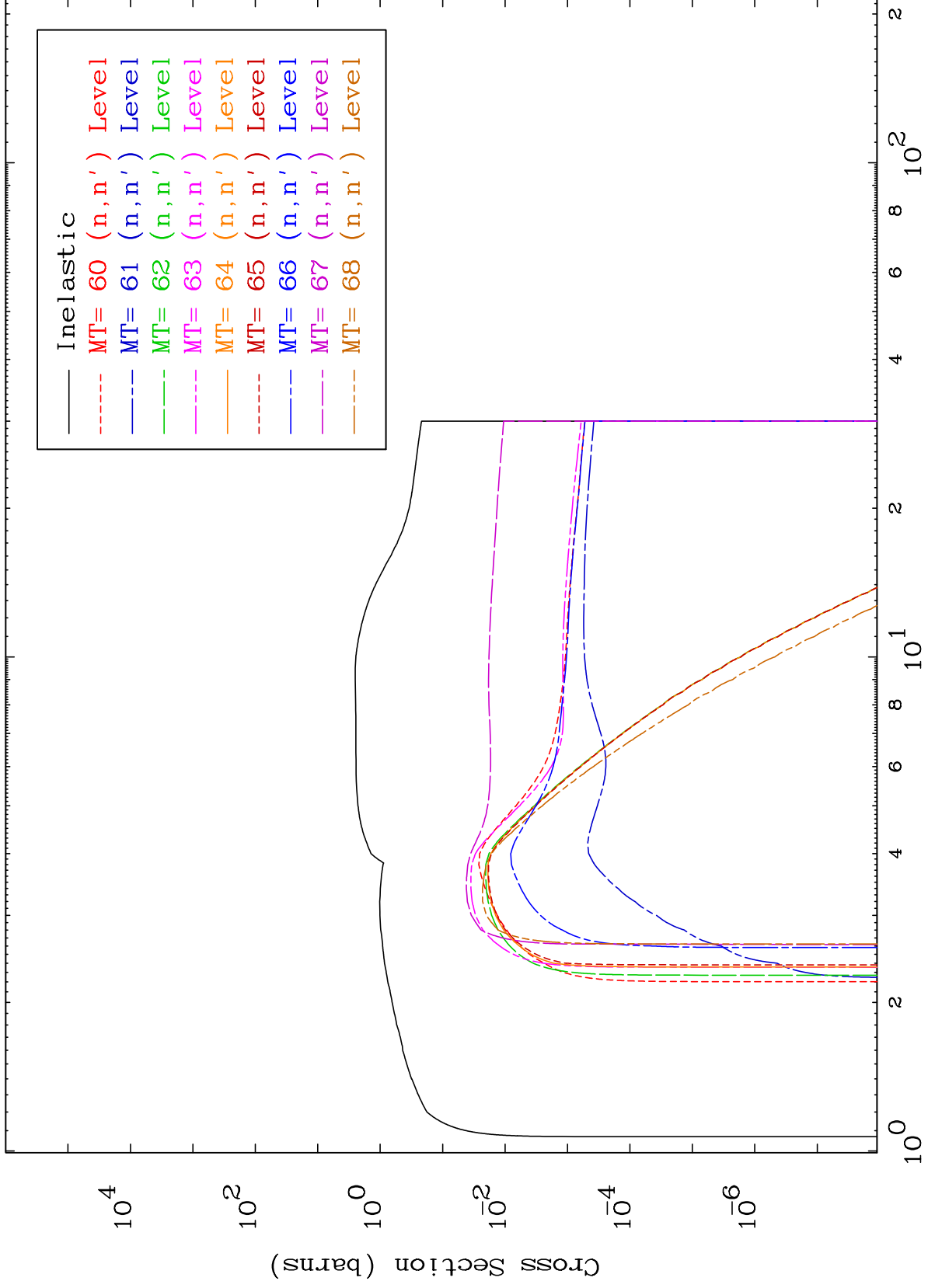
82-Pb-198

MAT 8207

(n,n') Levels

82-Pb-198

293 Kelvin Cross Sections



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Incident Energy (MeV)

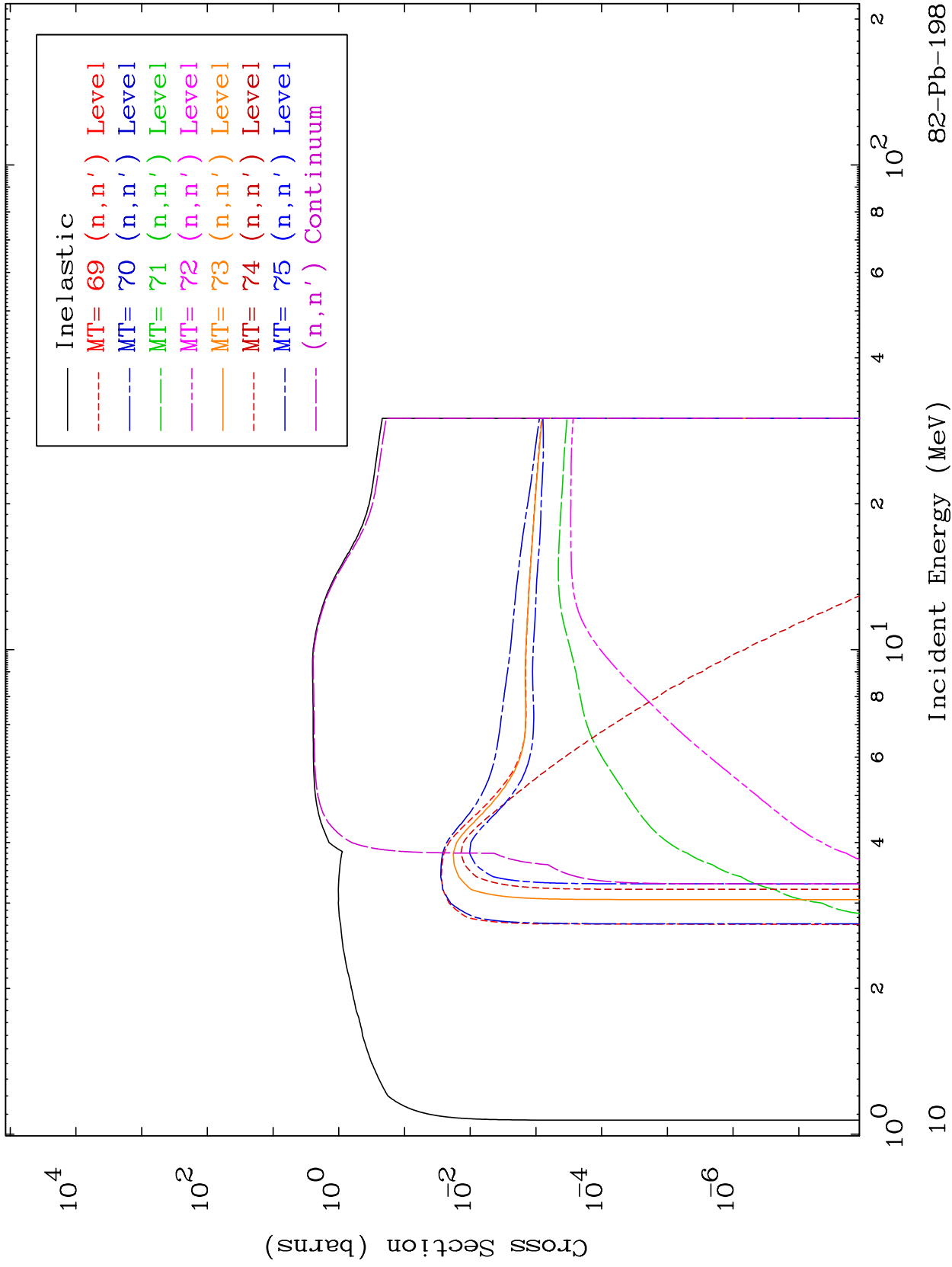
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MAT 8207

(n,n') Levels

293 Kelvin Cross Sections

82-Pb-198



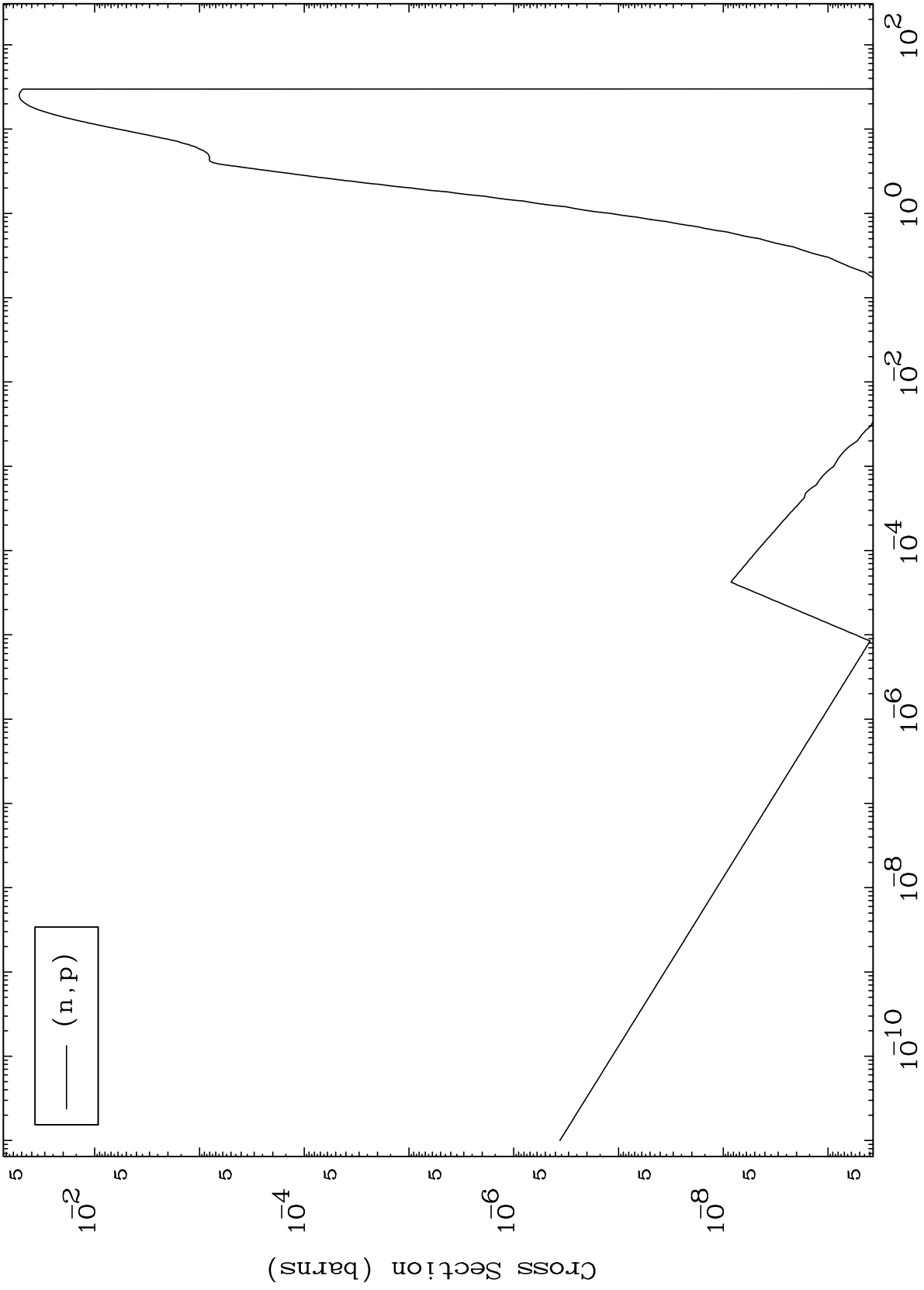
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Incident Energy (MeV)

MAT 8207

(n,p) Levels  
293 Kelvin Cross Sections

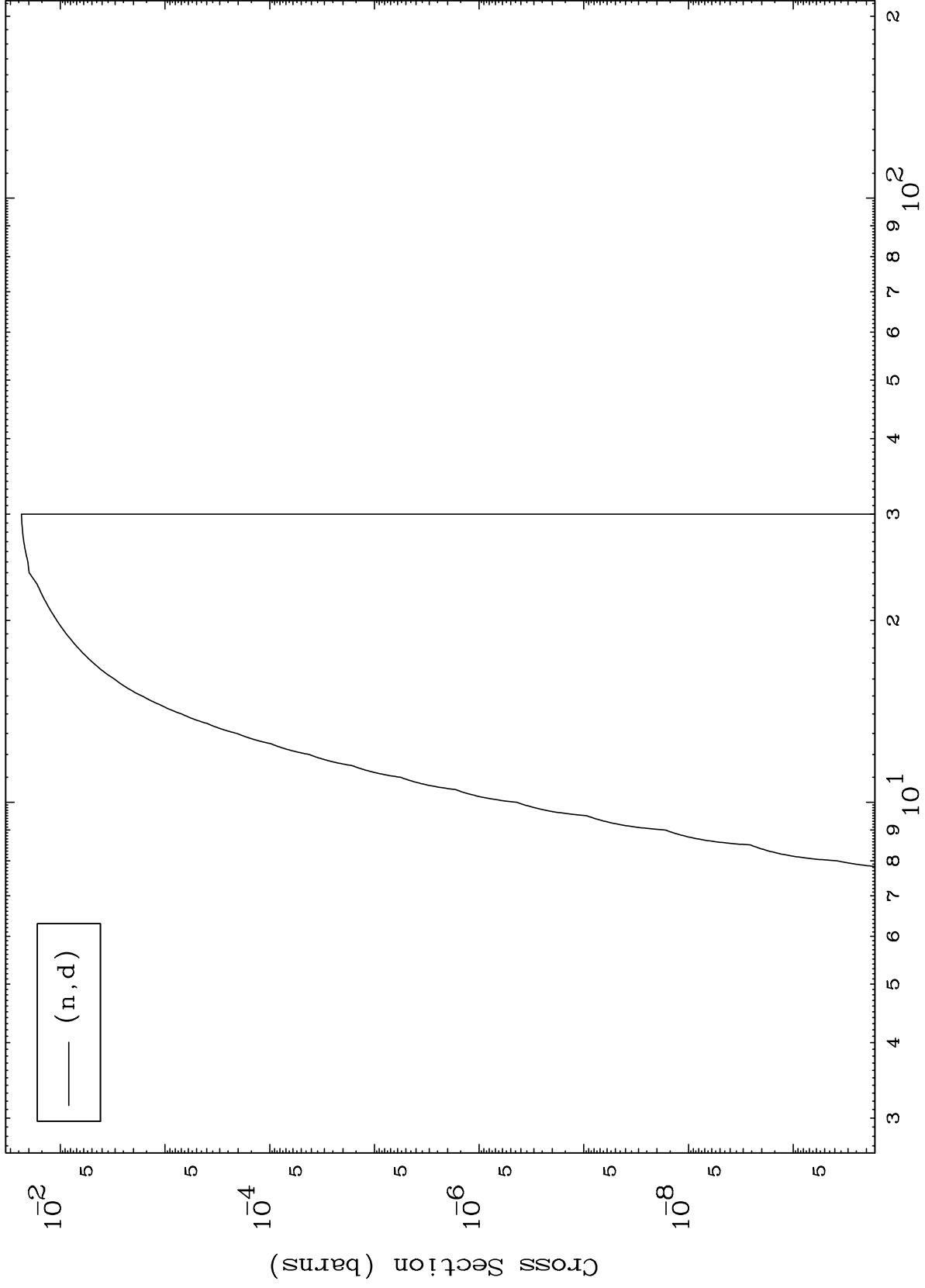
82-Pb-198



MAT 8207

(n,d) Levels  
293 Kelvin Cross Sections

82-Pb-198



12

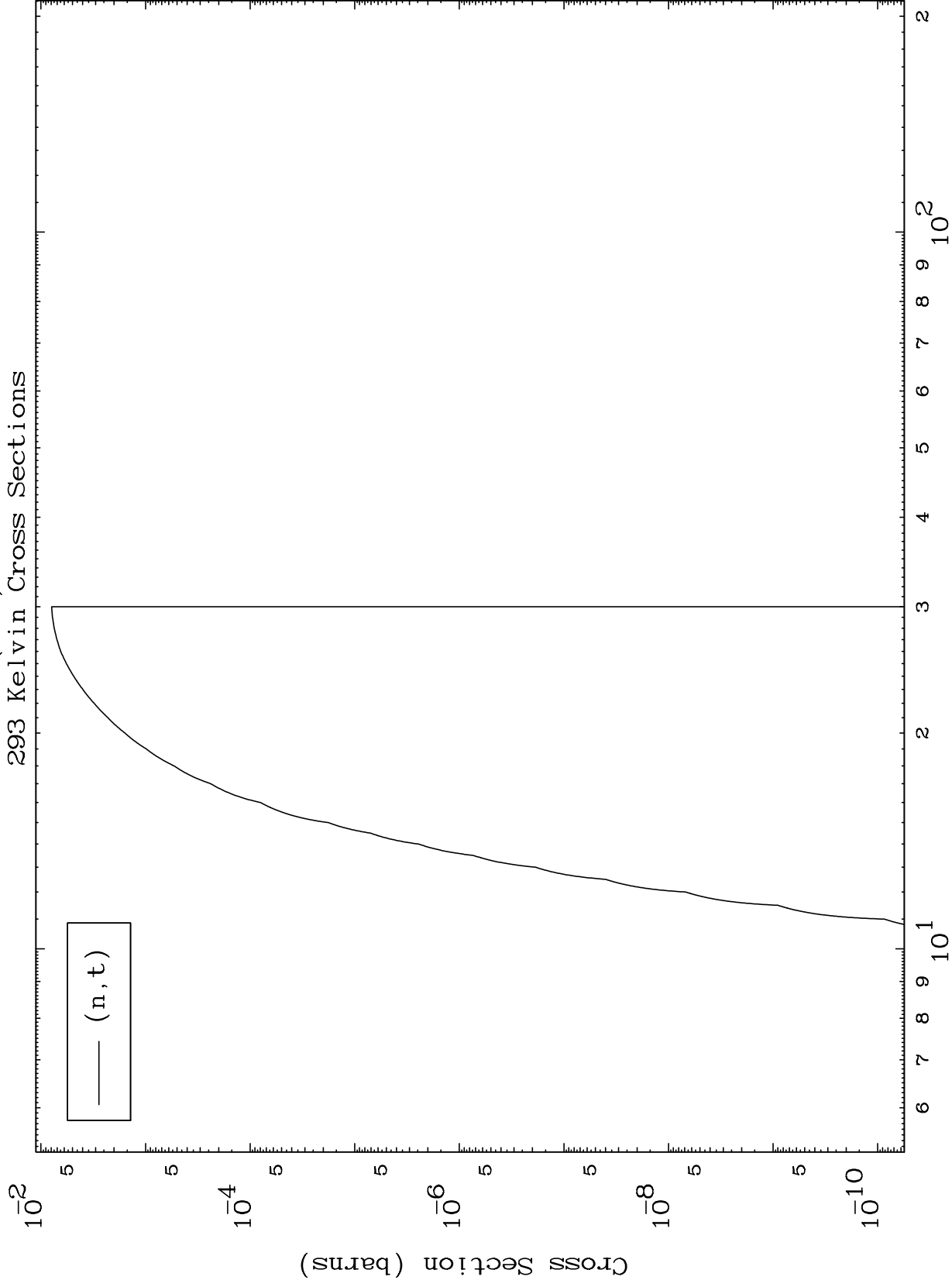
Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,t) Levels  
293 Kelvin Cross Sections

82-Pb-198



13

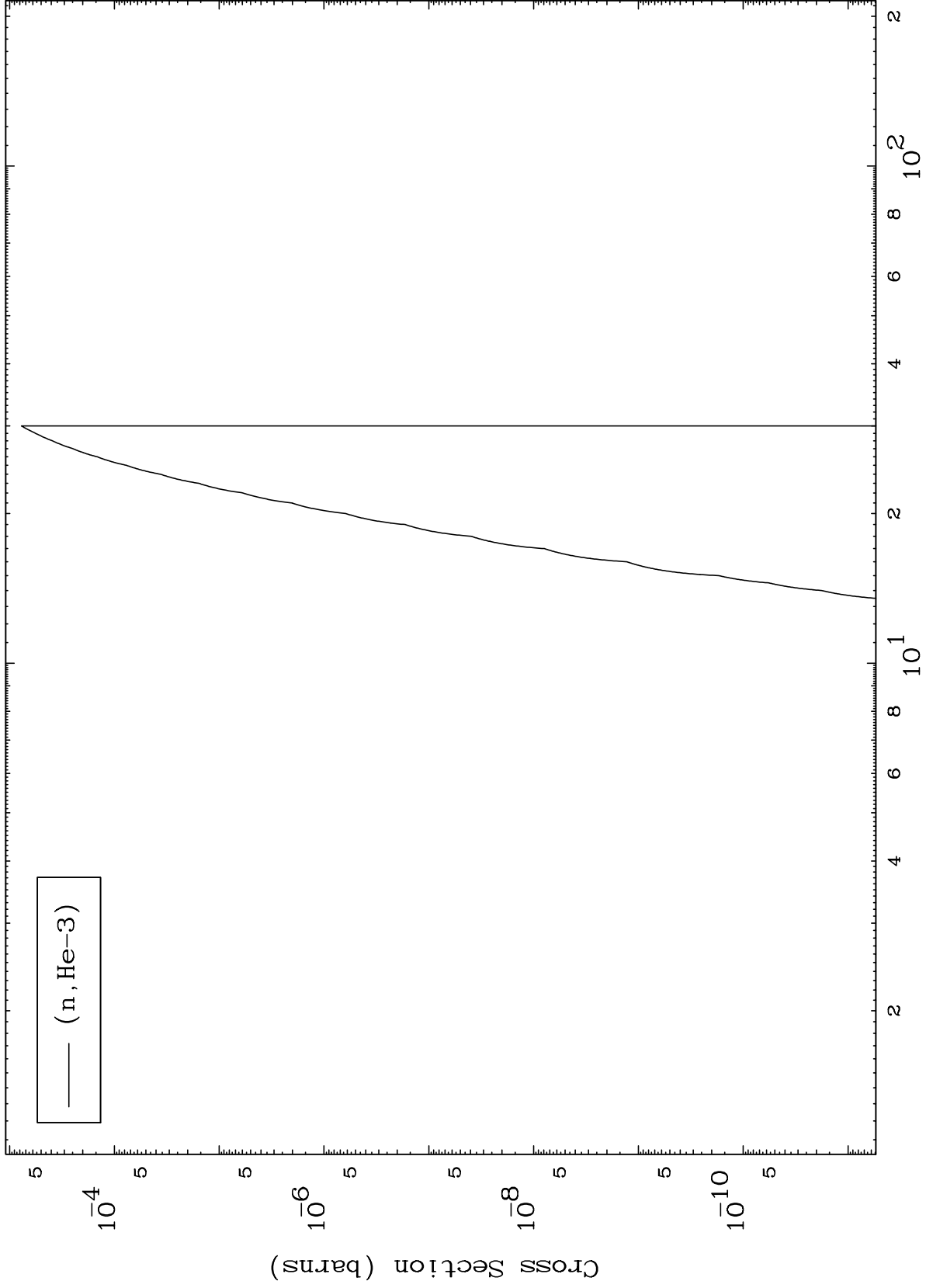
Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,He3) Levels  
293 Kelvin Cross Sections

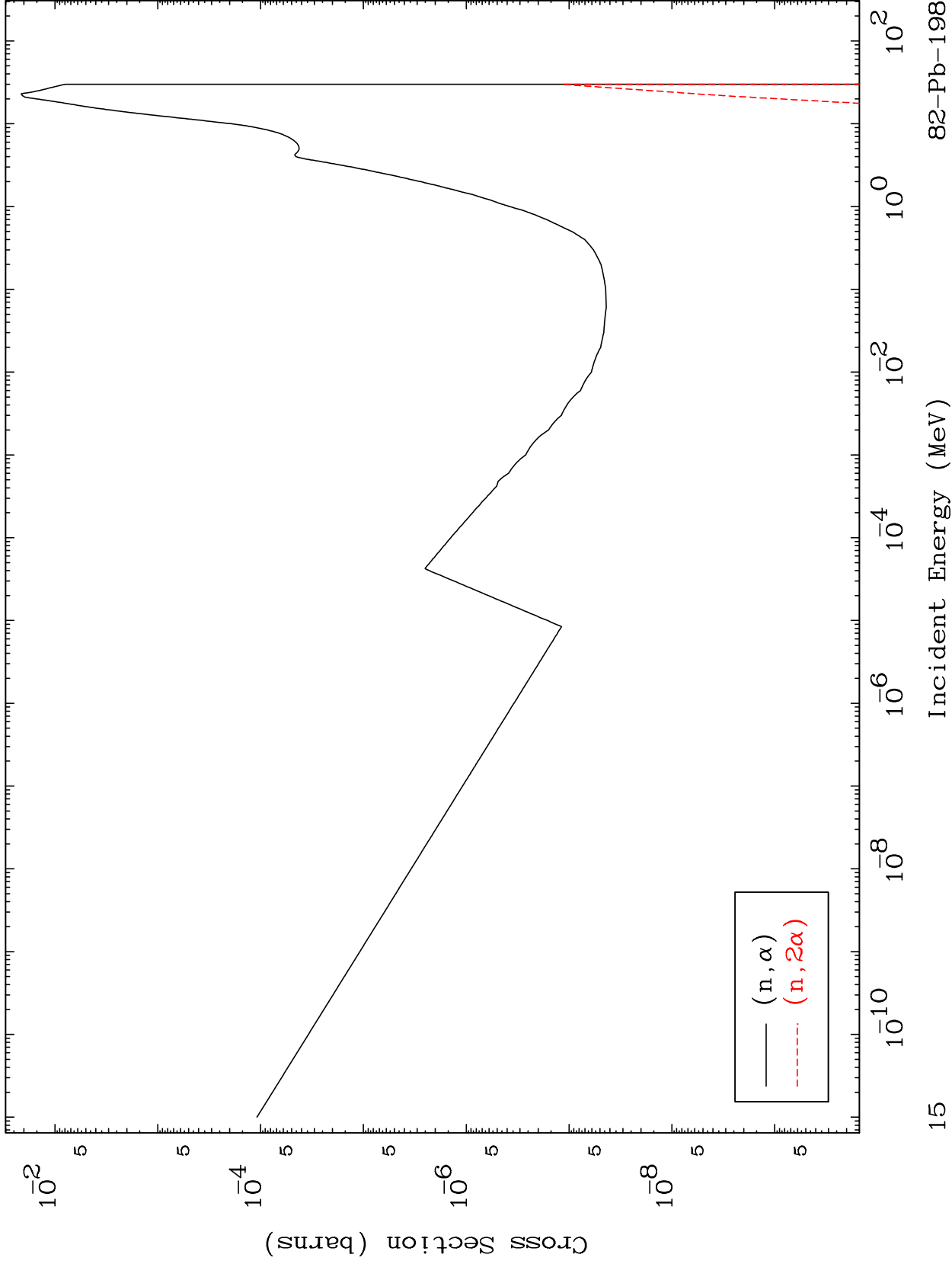
82-Pb-198



MAT 8207

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

82-Pb-198

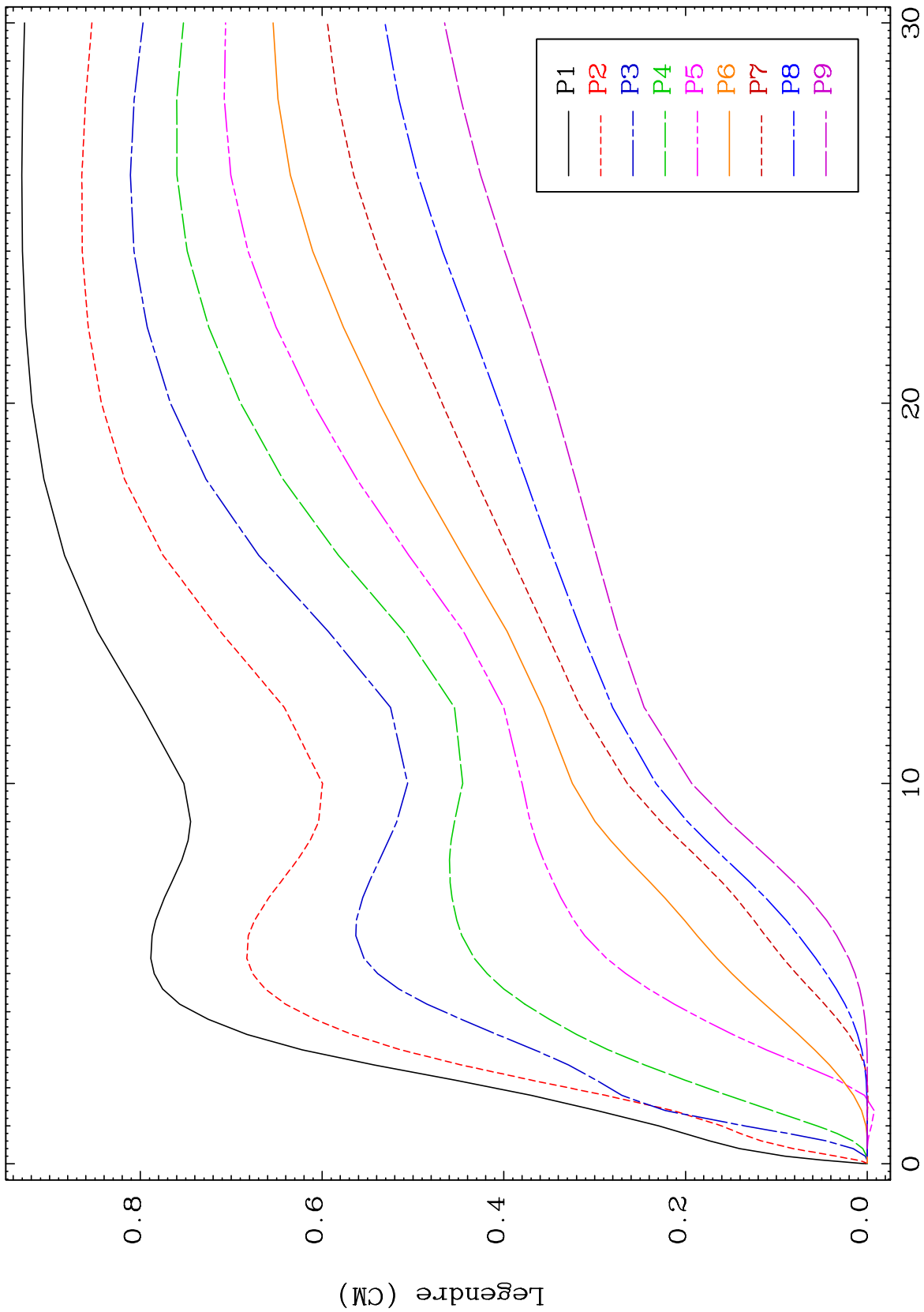




MAT 8207

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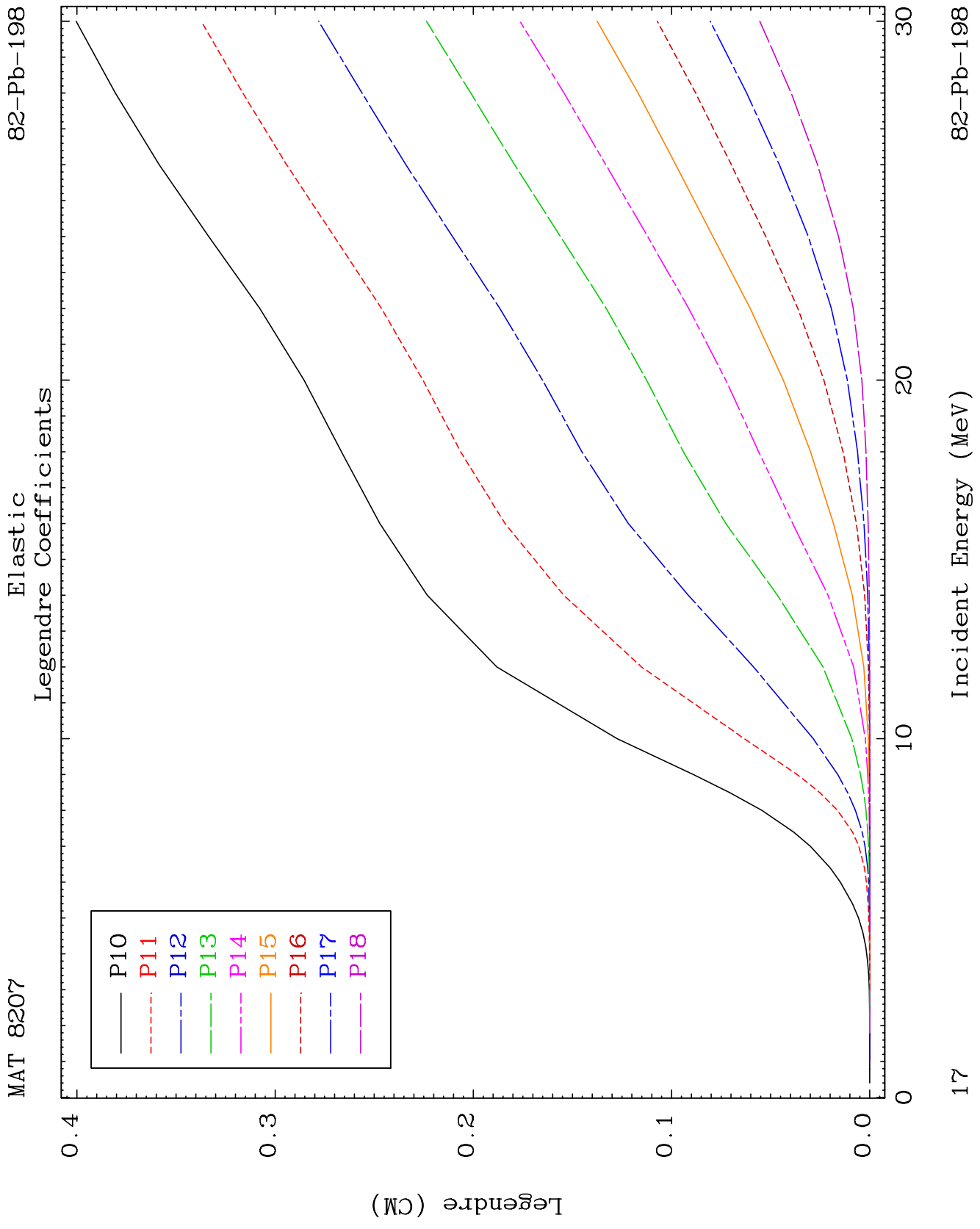
Elastic Legendre Coefficients



16

82-Pb-198

82-Pb-198



MAT 8207

Elastic Legendre Coefficients

82-Pb-198

17

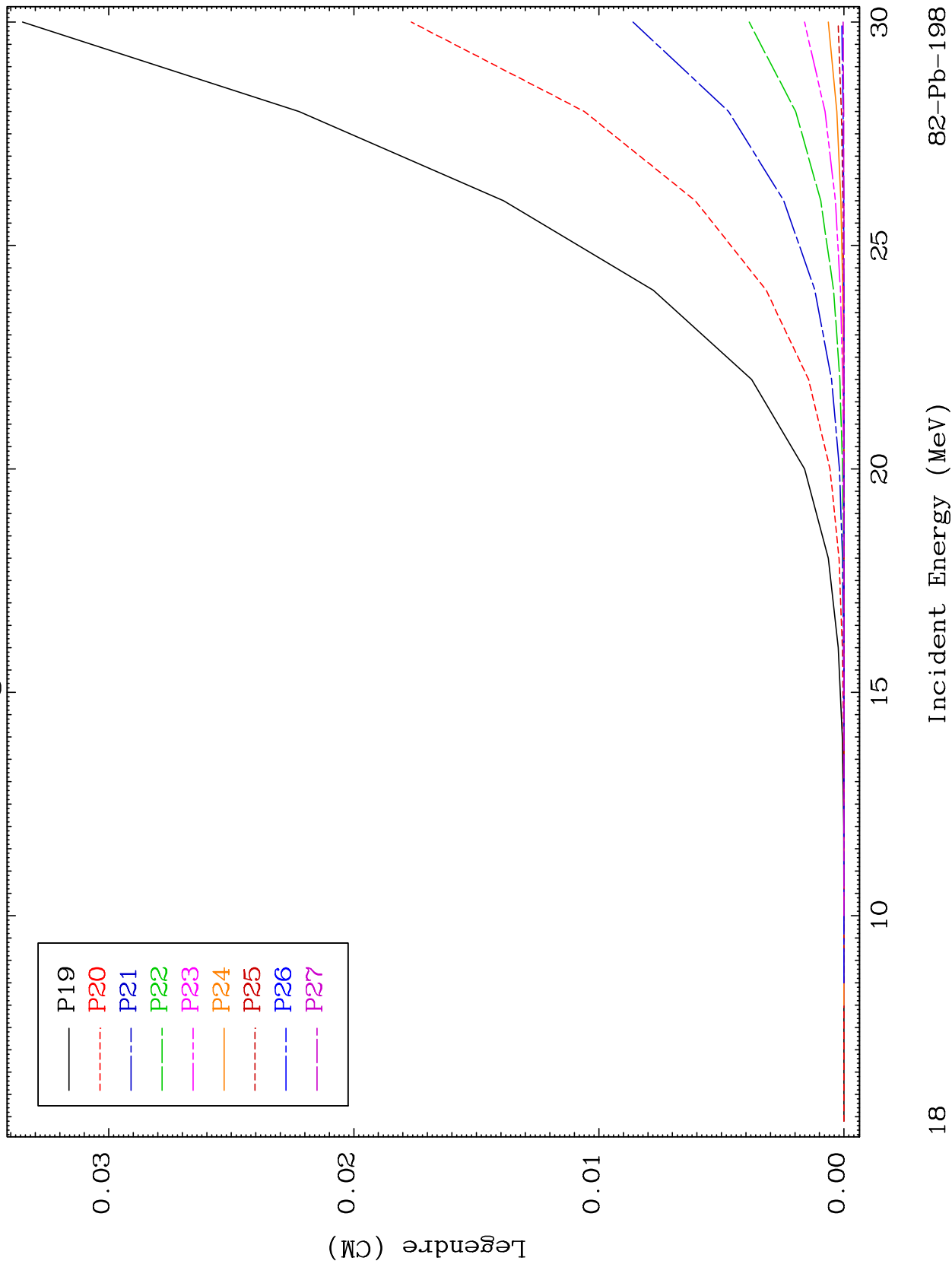
Incident Energy (MeV)

82-Pb-198

MAT 8207

### Elastic Legendre Coefficients

82-Pb-198



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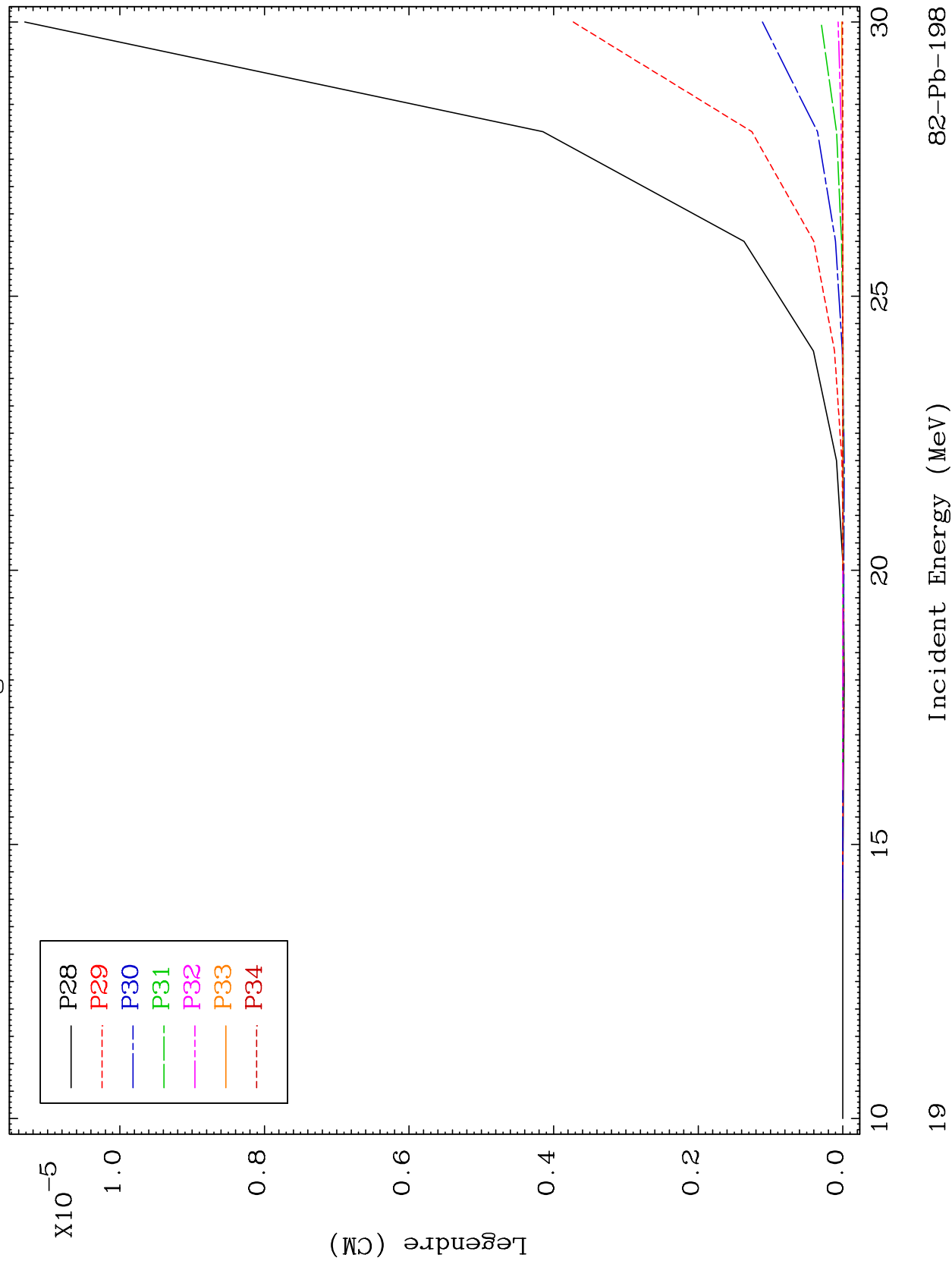
Incident Energy (MeV)

82-Pb-198

MAT 8207

Elastic Legendre Coefficients

82-Pb-198

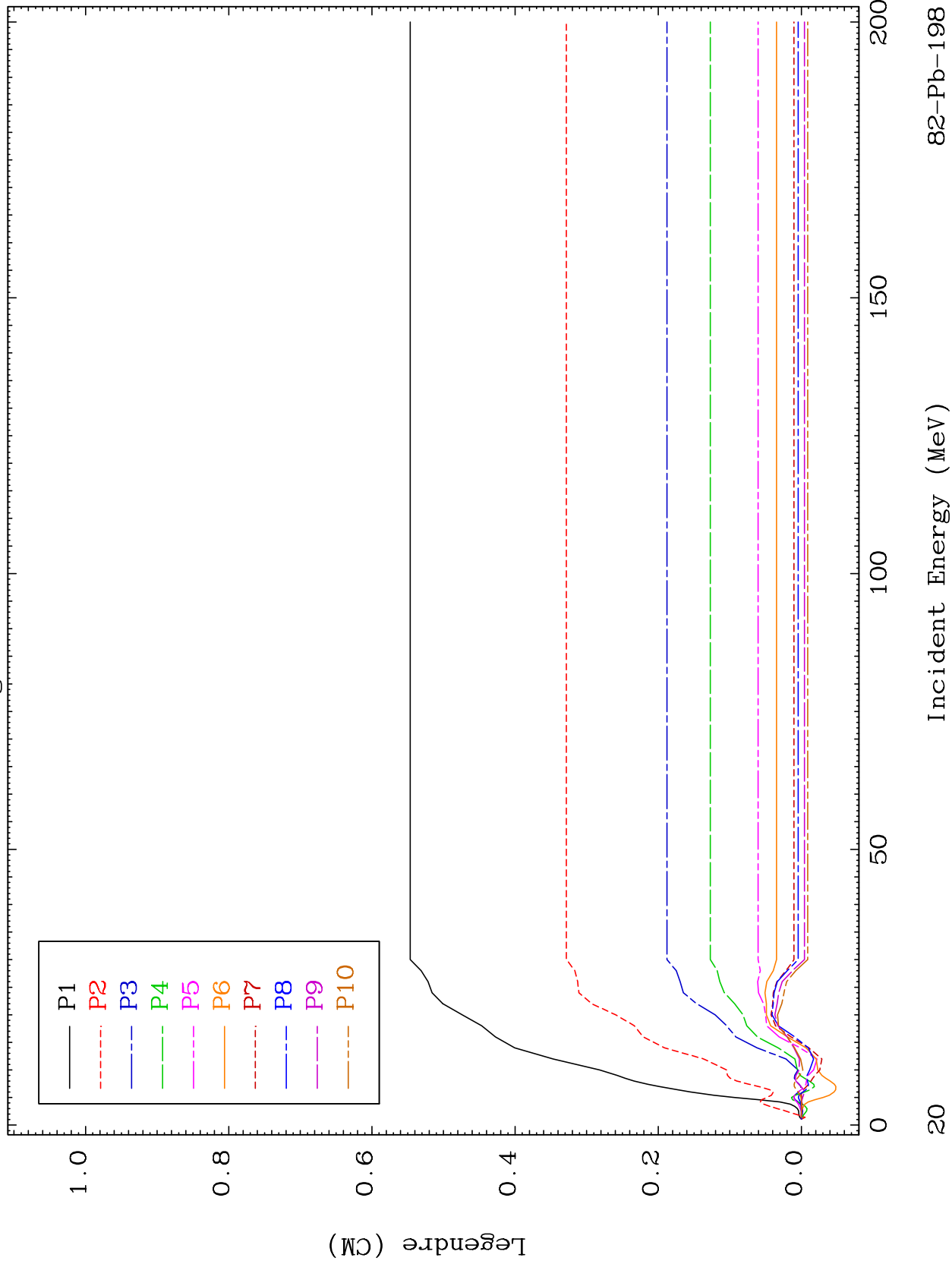


- P28
- P29
- P30
- P31
- P32
- P33
- P34

MAT 8207

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

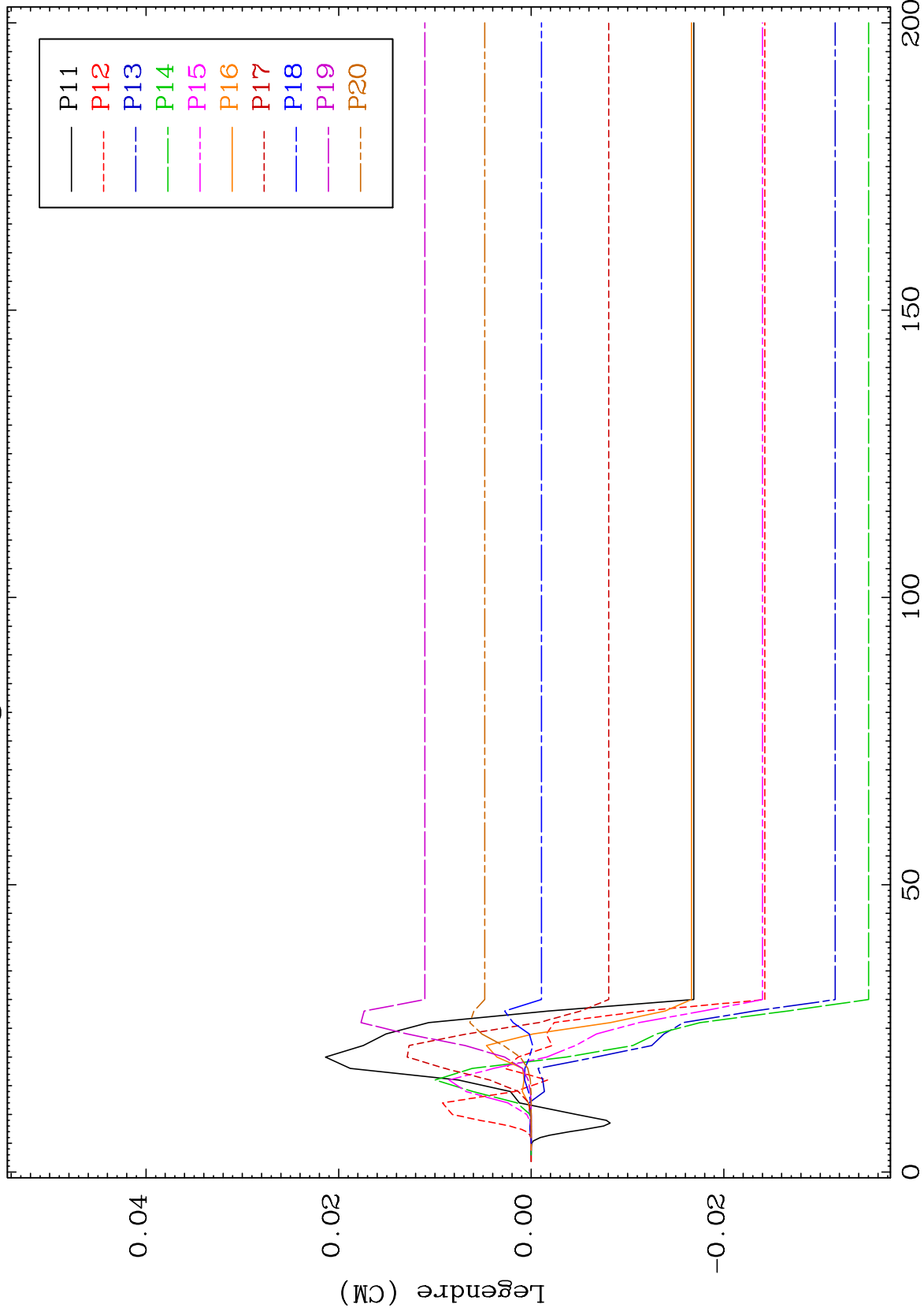
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MAT 8207

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

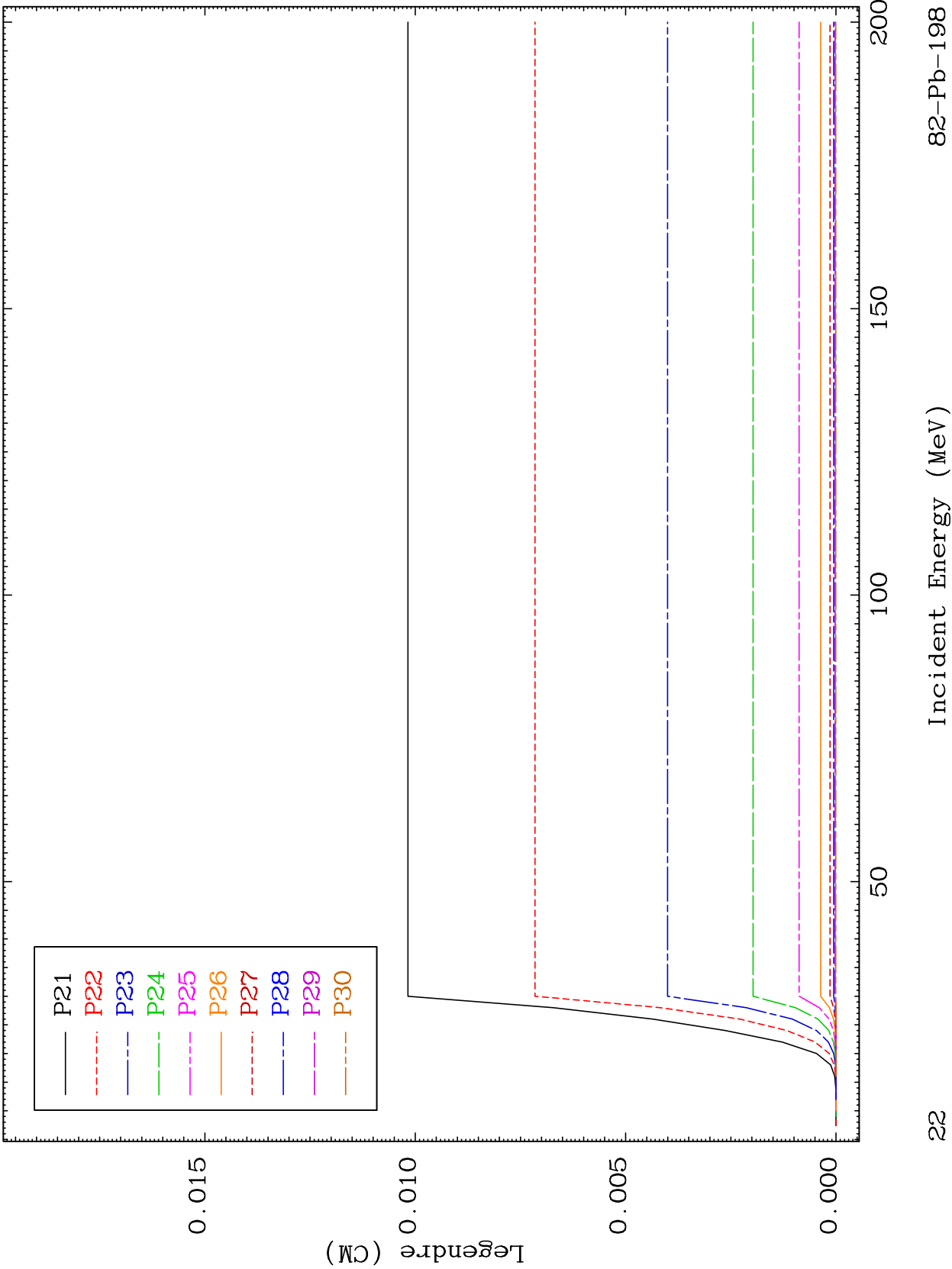
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Incident Energy (MeV)

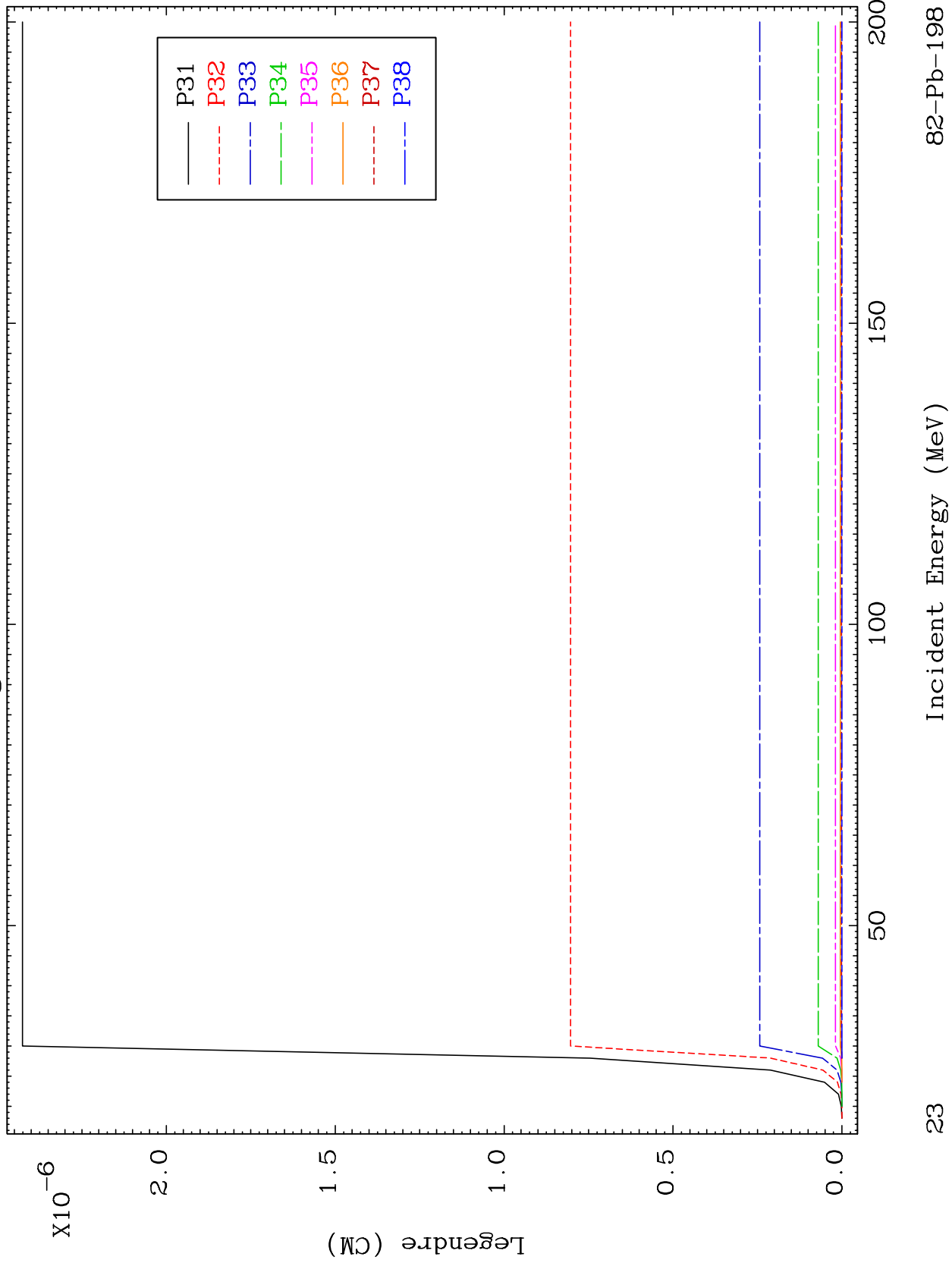
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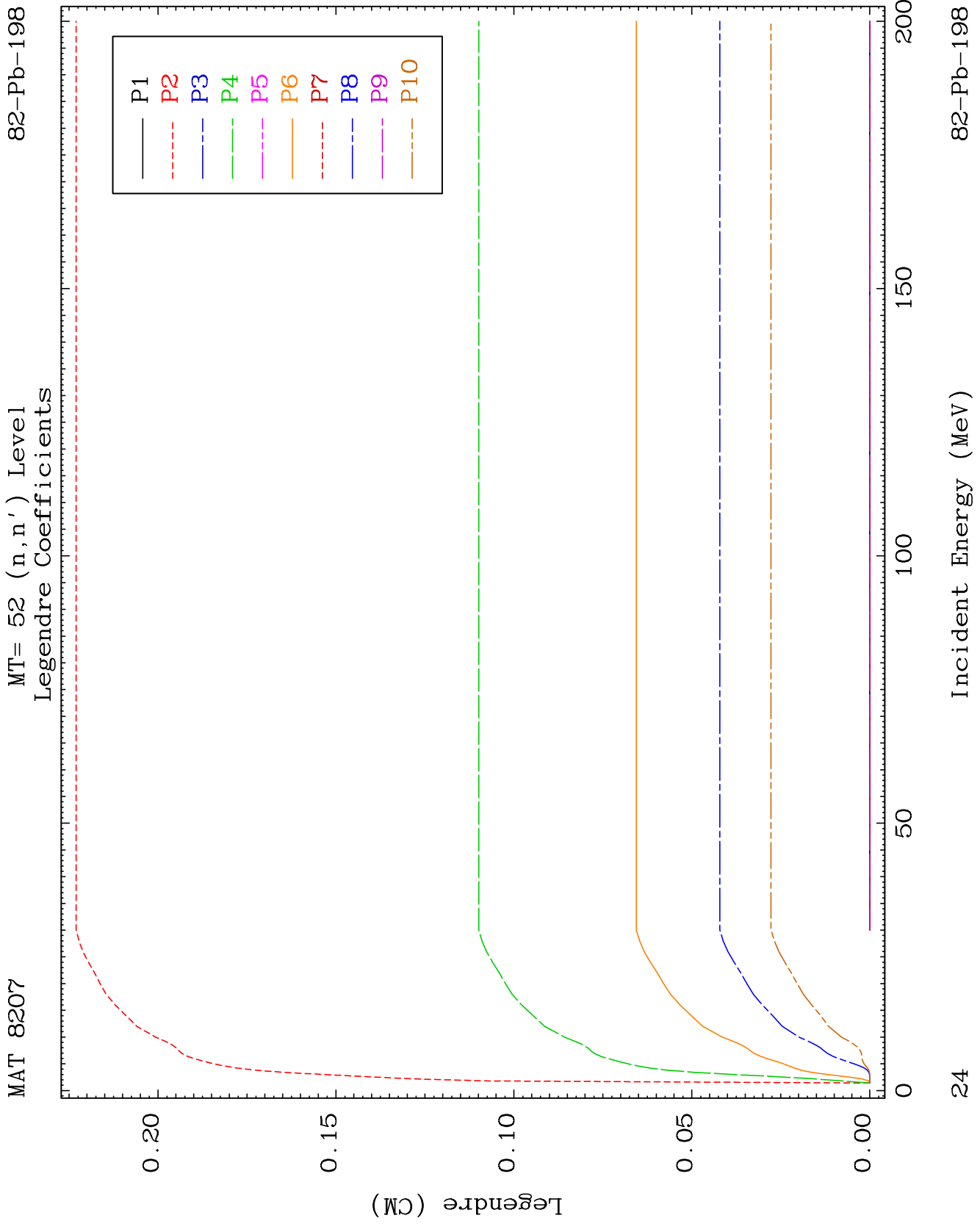
MAT 8207

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

82-Pb-198



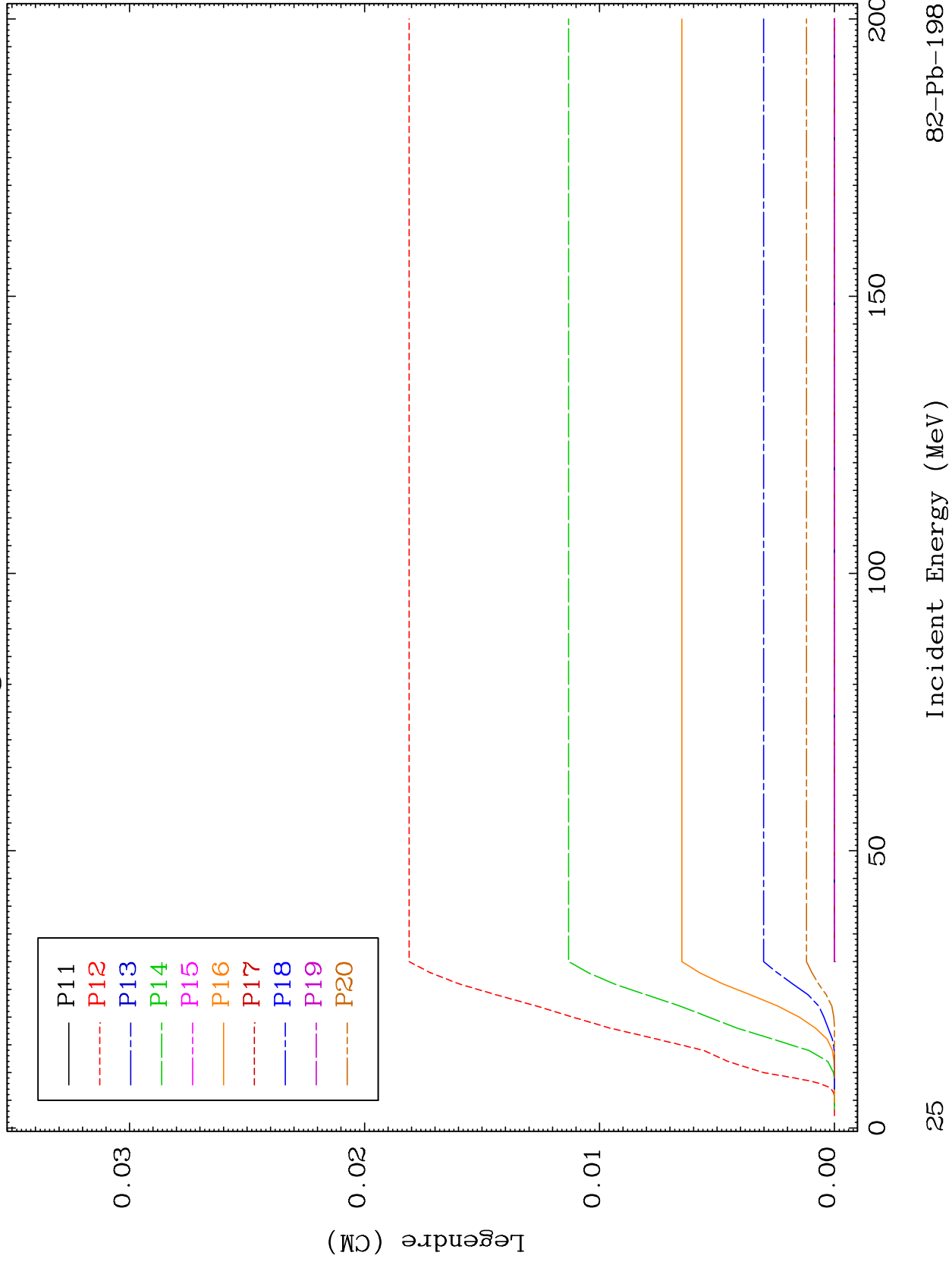




MAT 8207

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

82-Pb-198



82-Pb-198

Incident Energy (MeV)

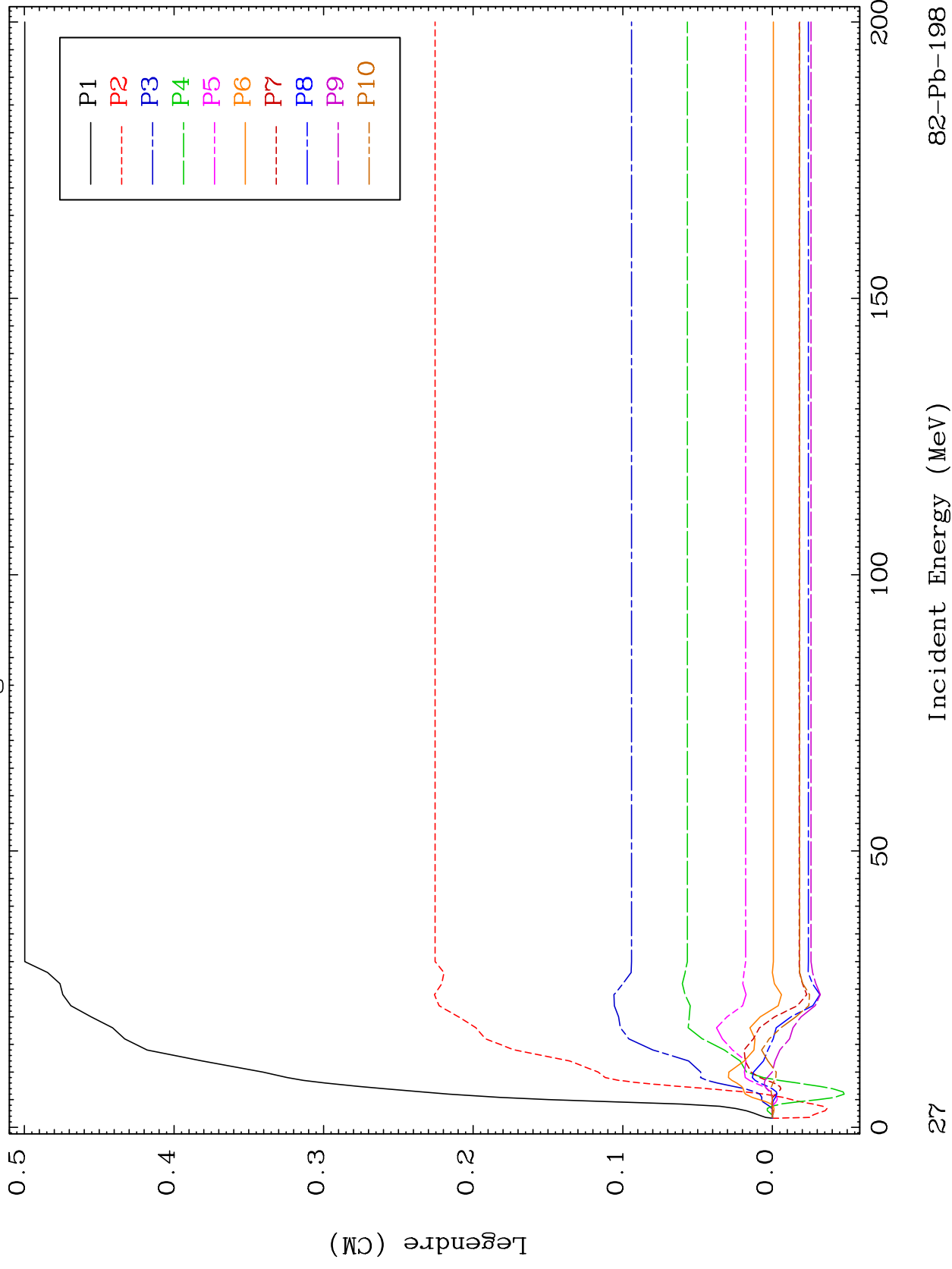
25



MAT 8207

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

82-Pb-198



27

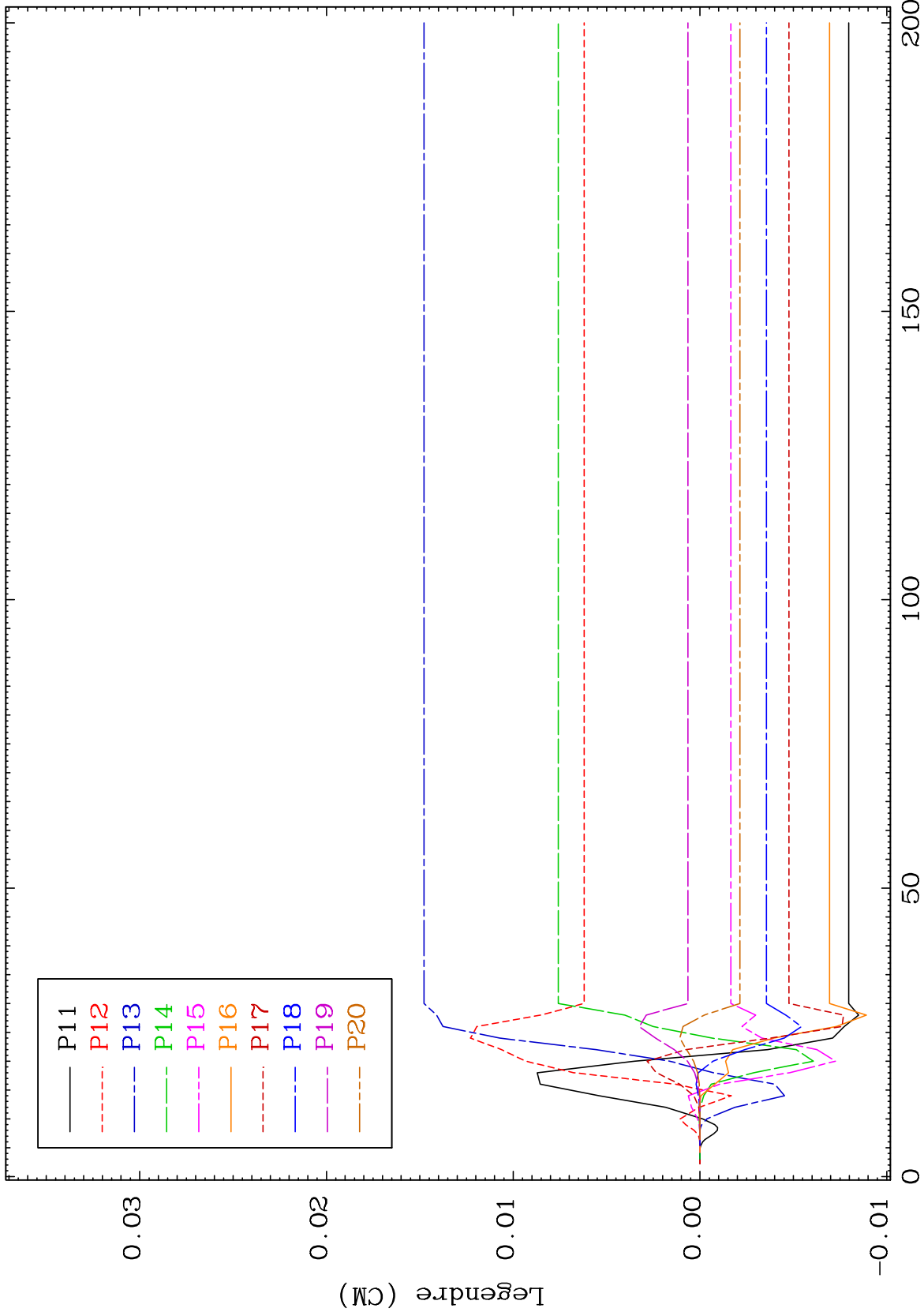
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

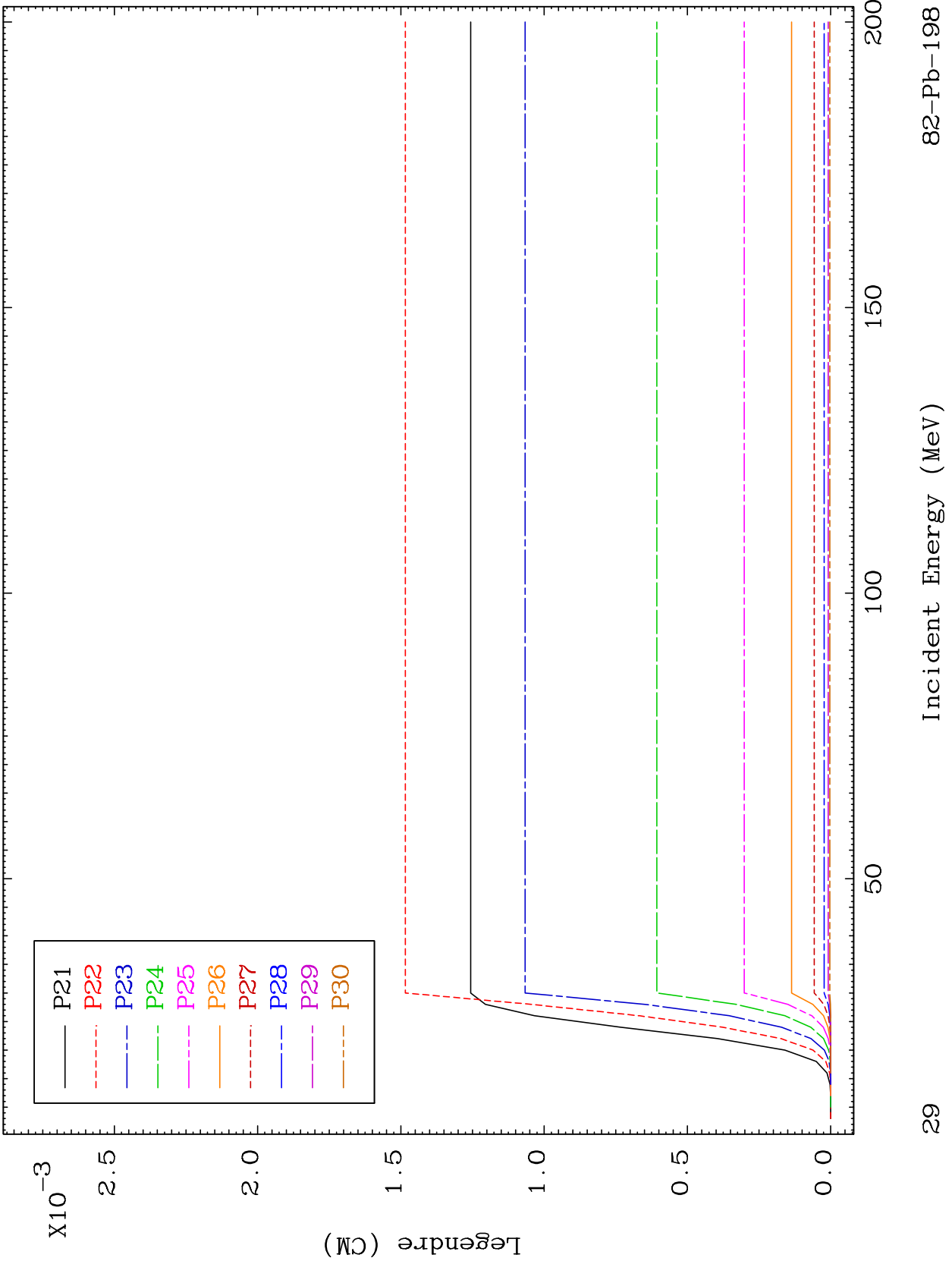
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82-Pb-198

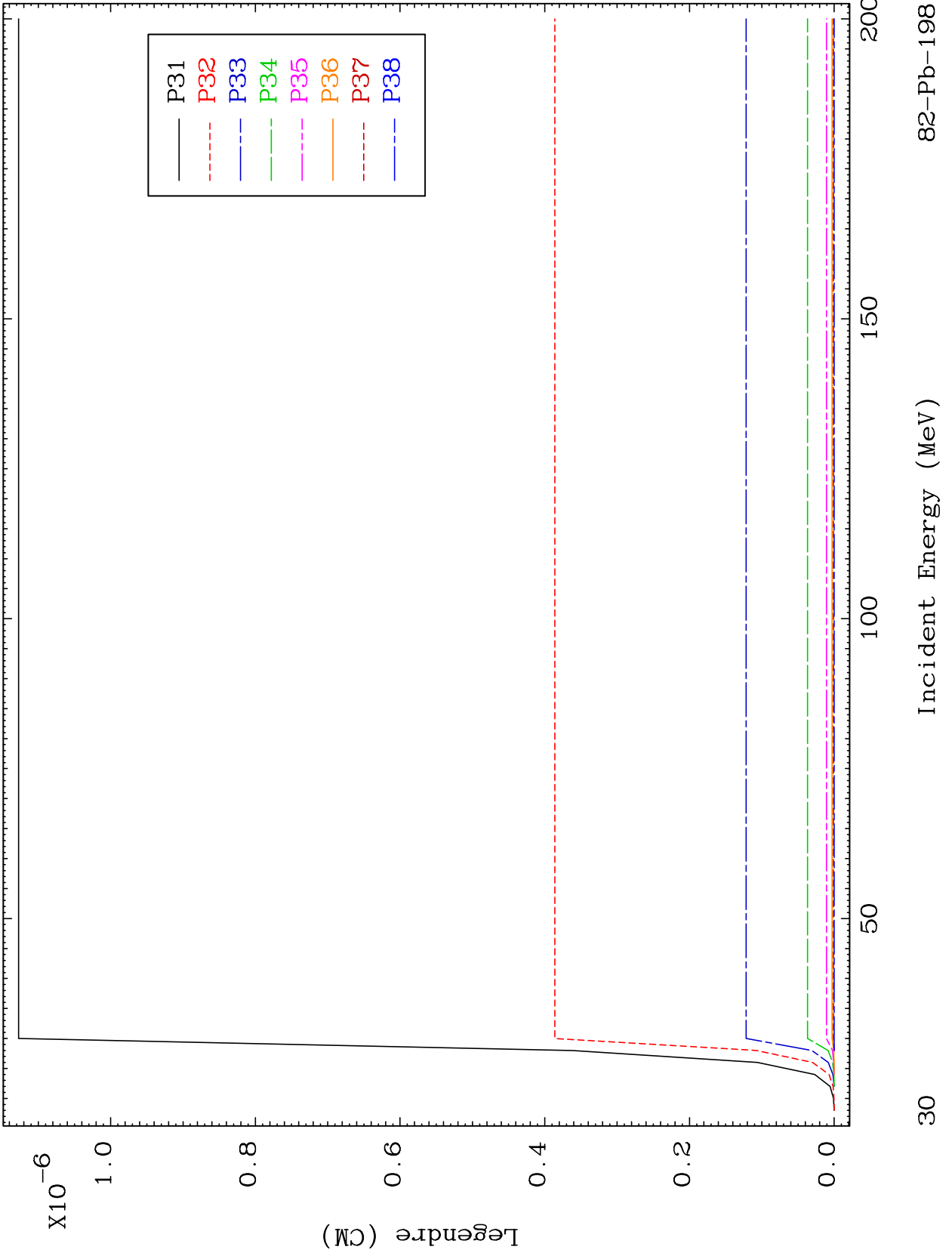
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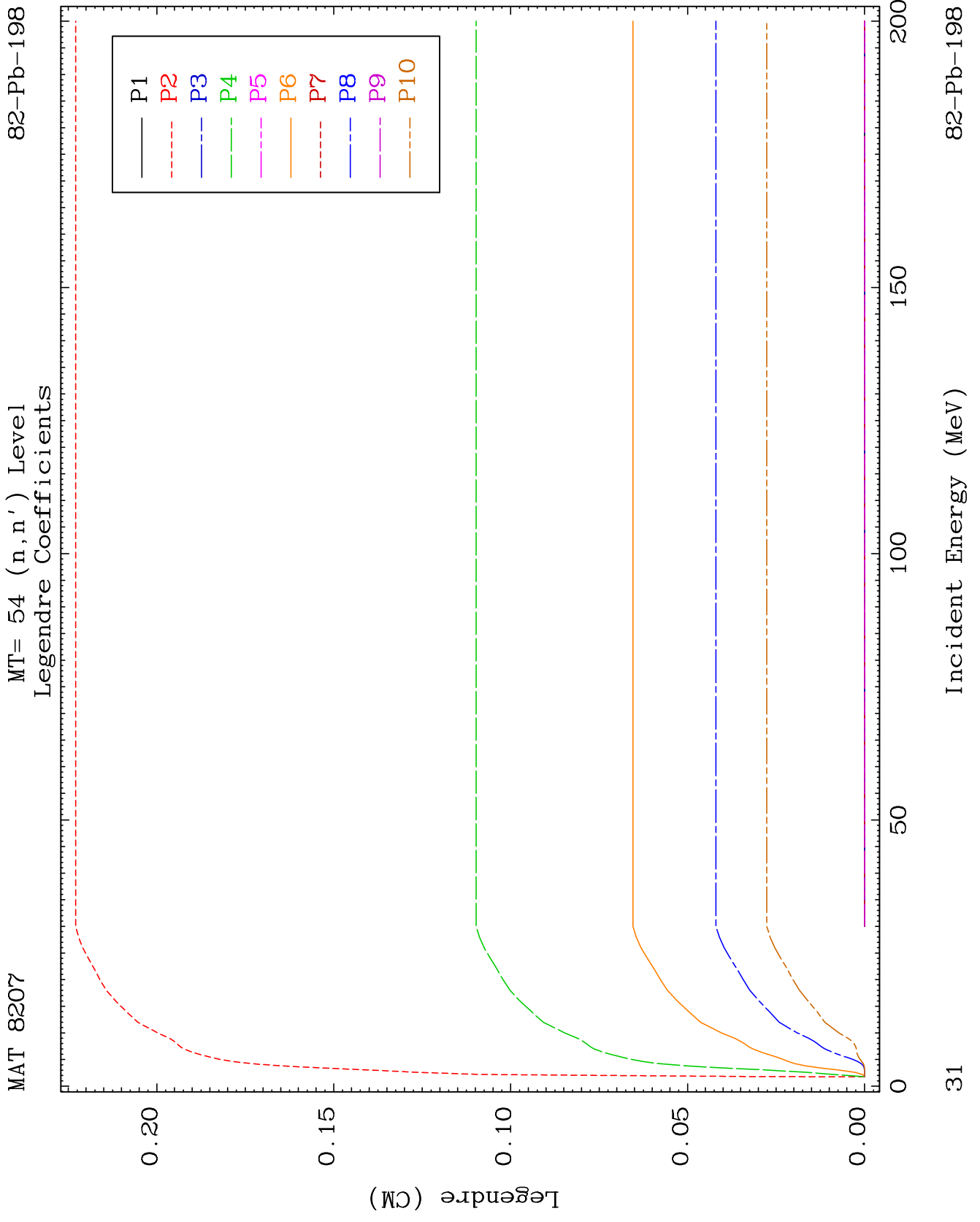


MAT 8207

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

82-Pb-198



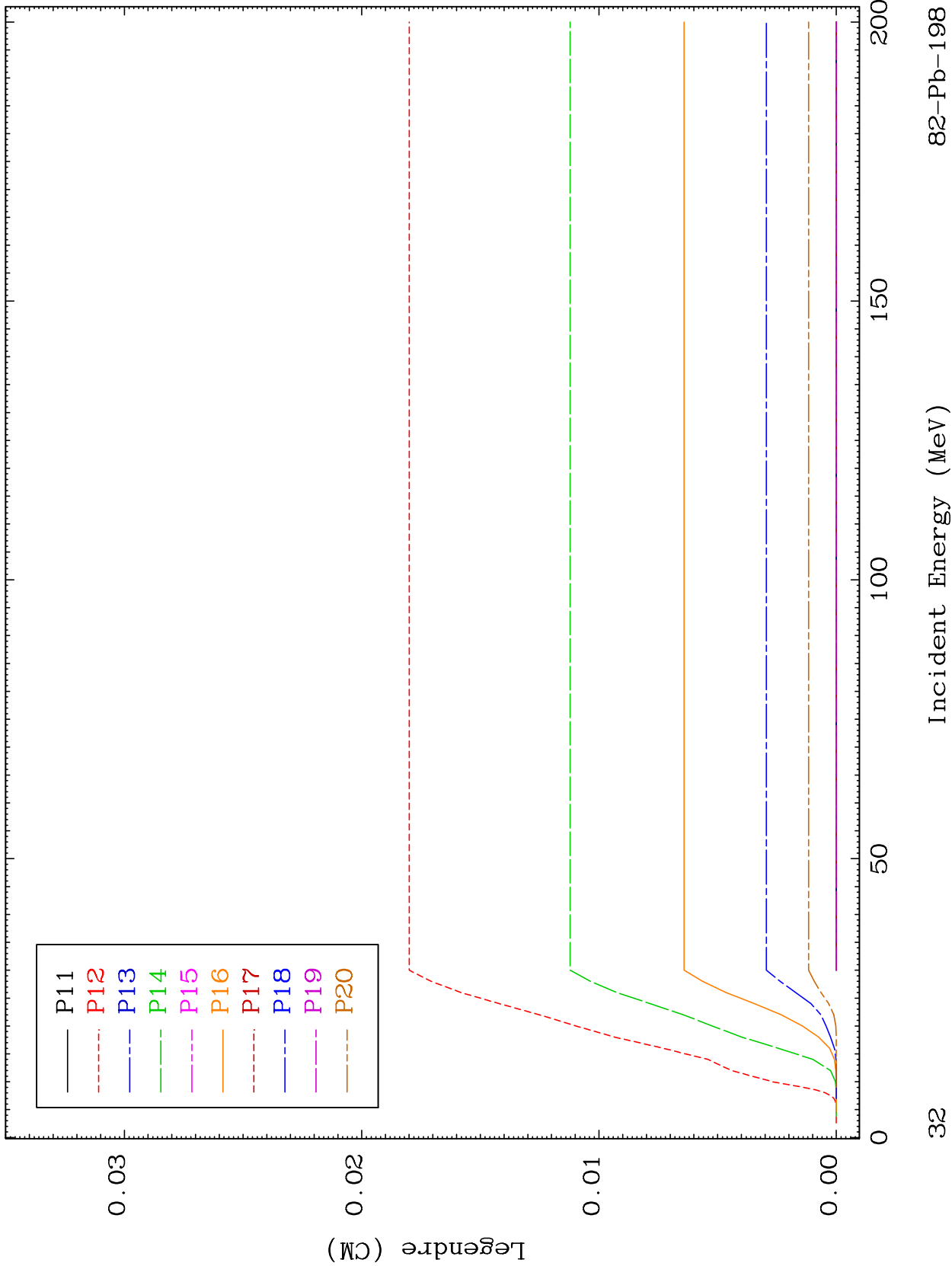




MAT 8207

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

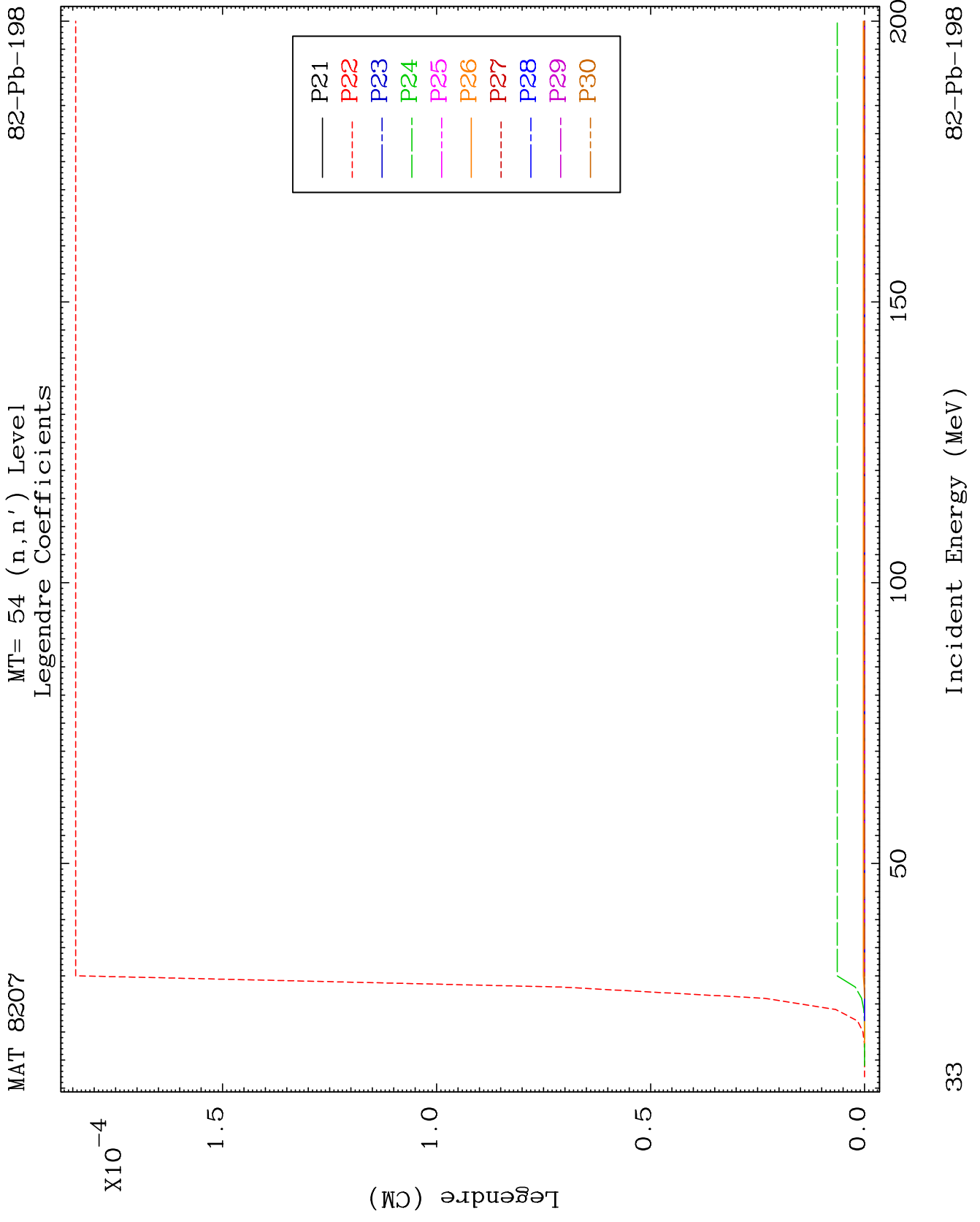
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Incident Energy (MeV)

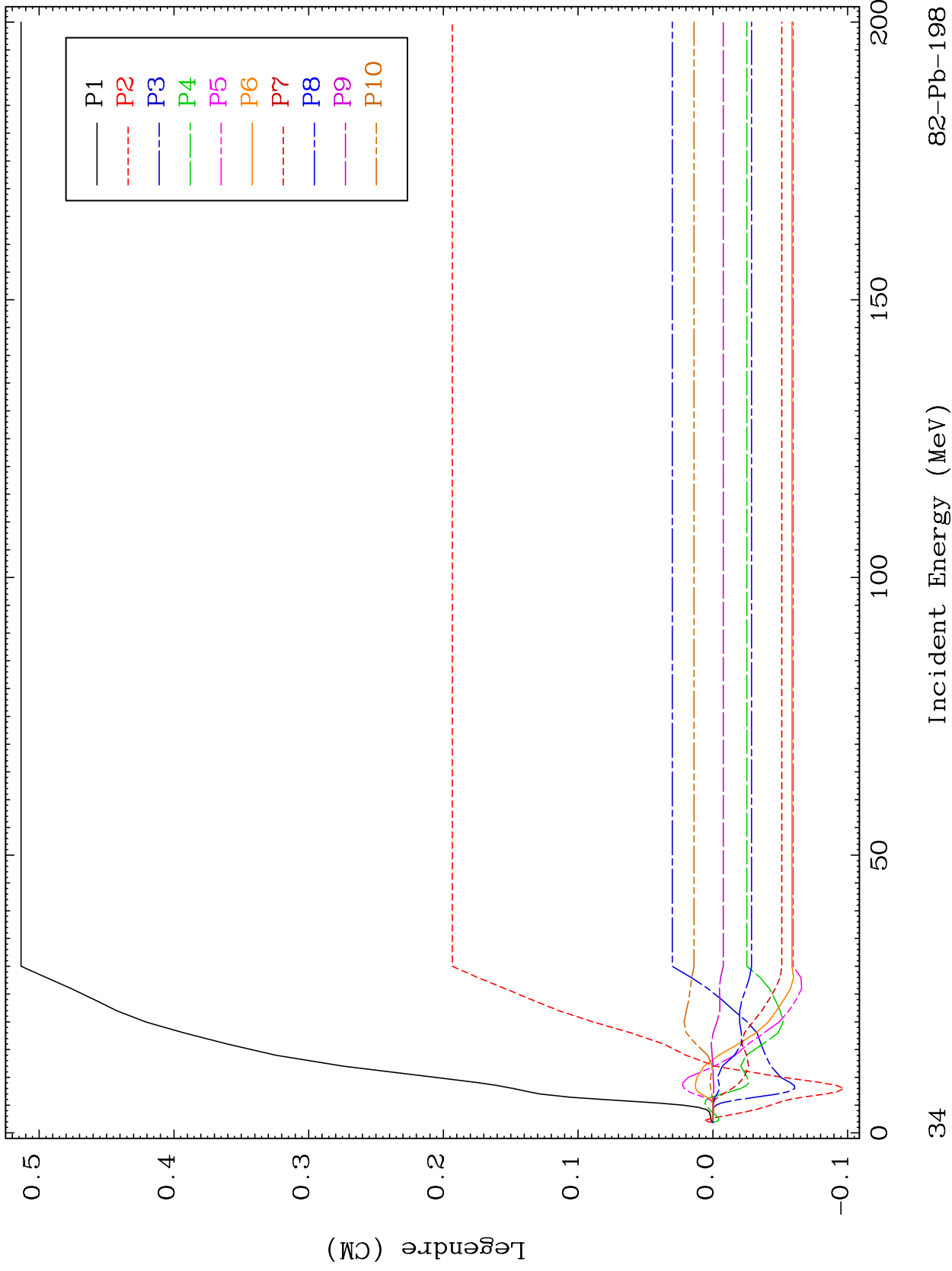
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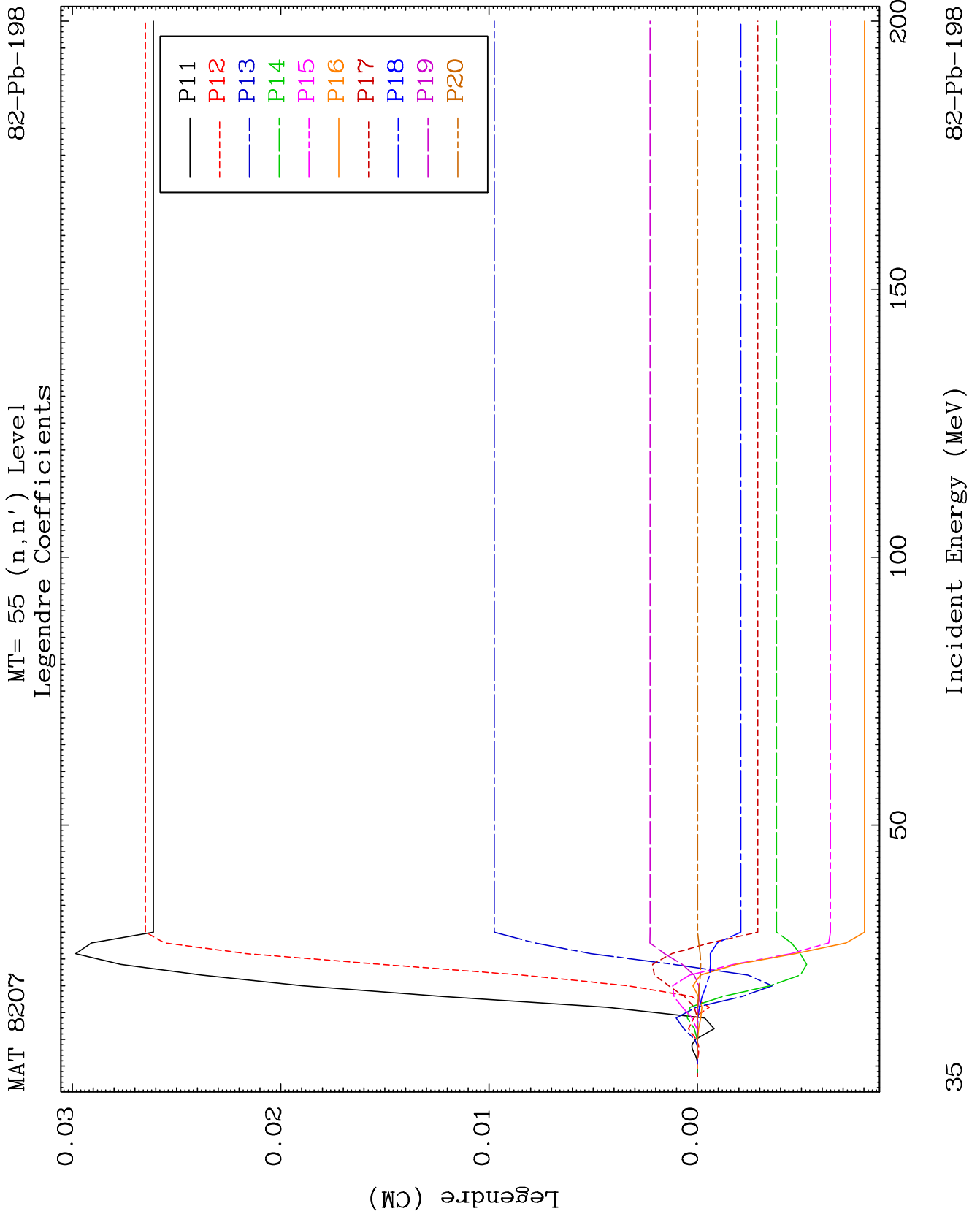


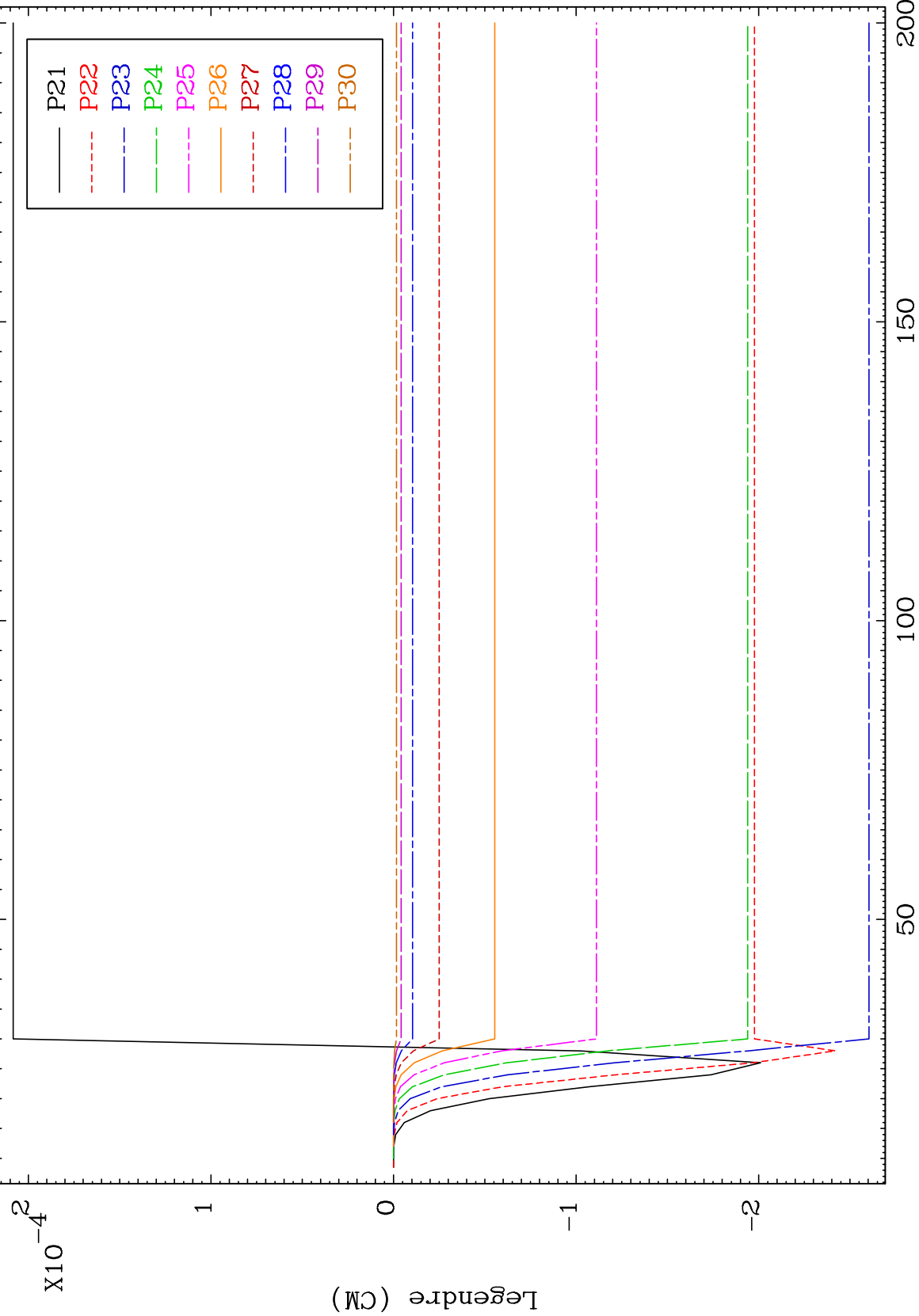
MAT 8207

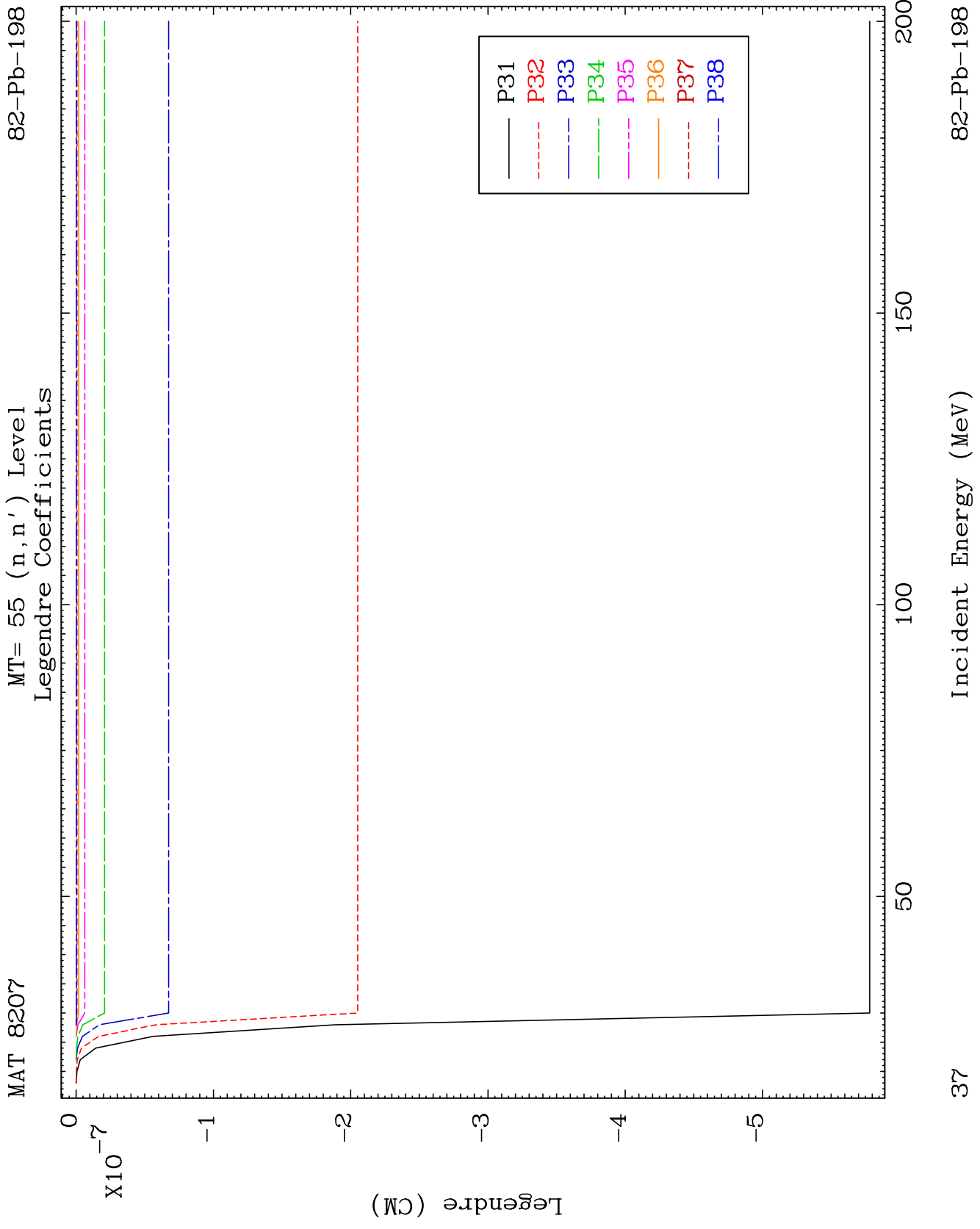
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Legendre Coefficients

82-Pb-198





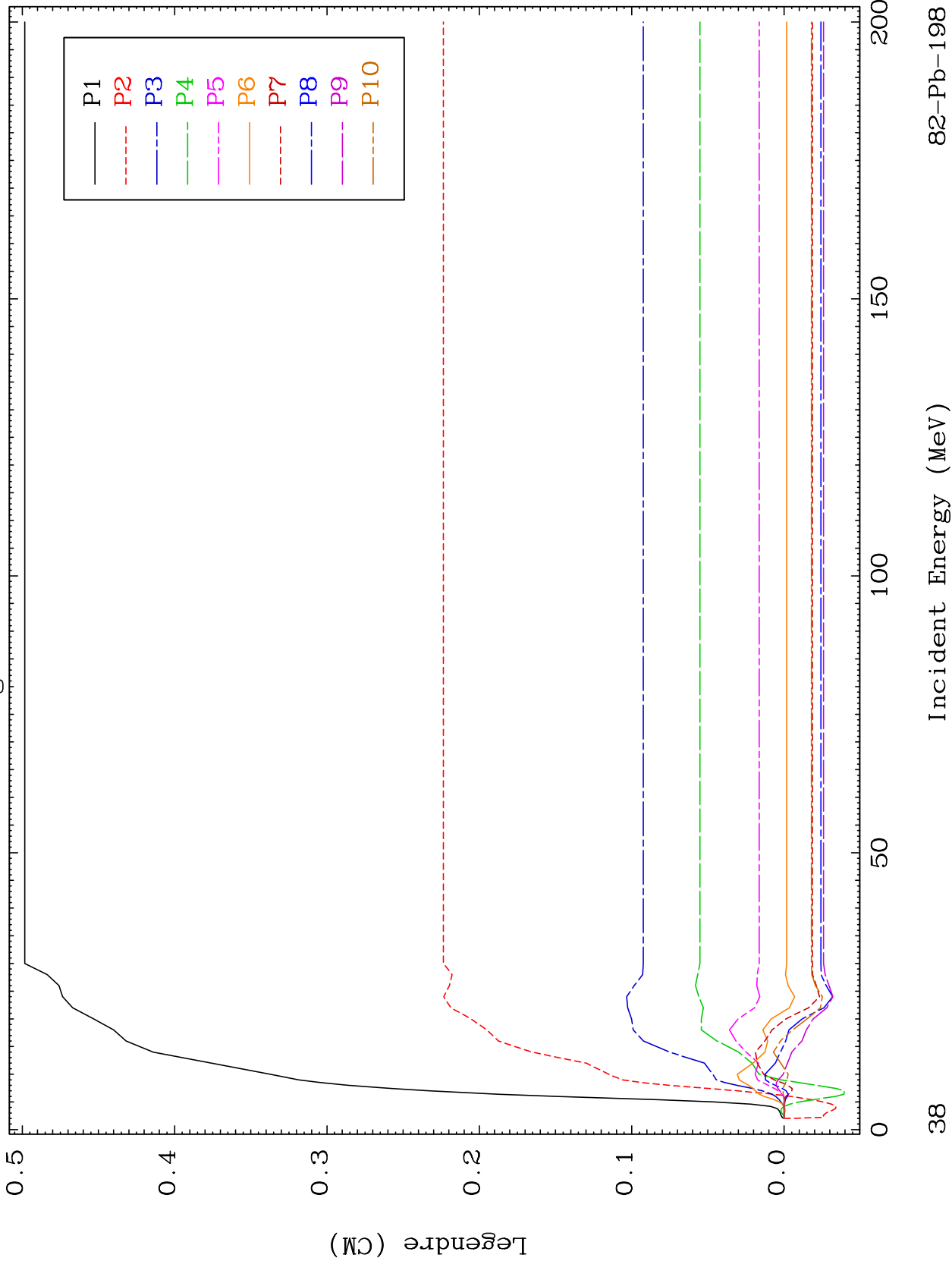




MAT 8207

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

82-Pb-198

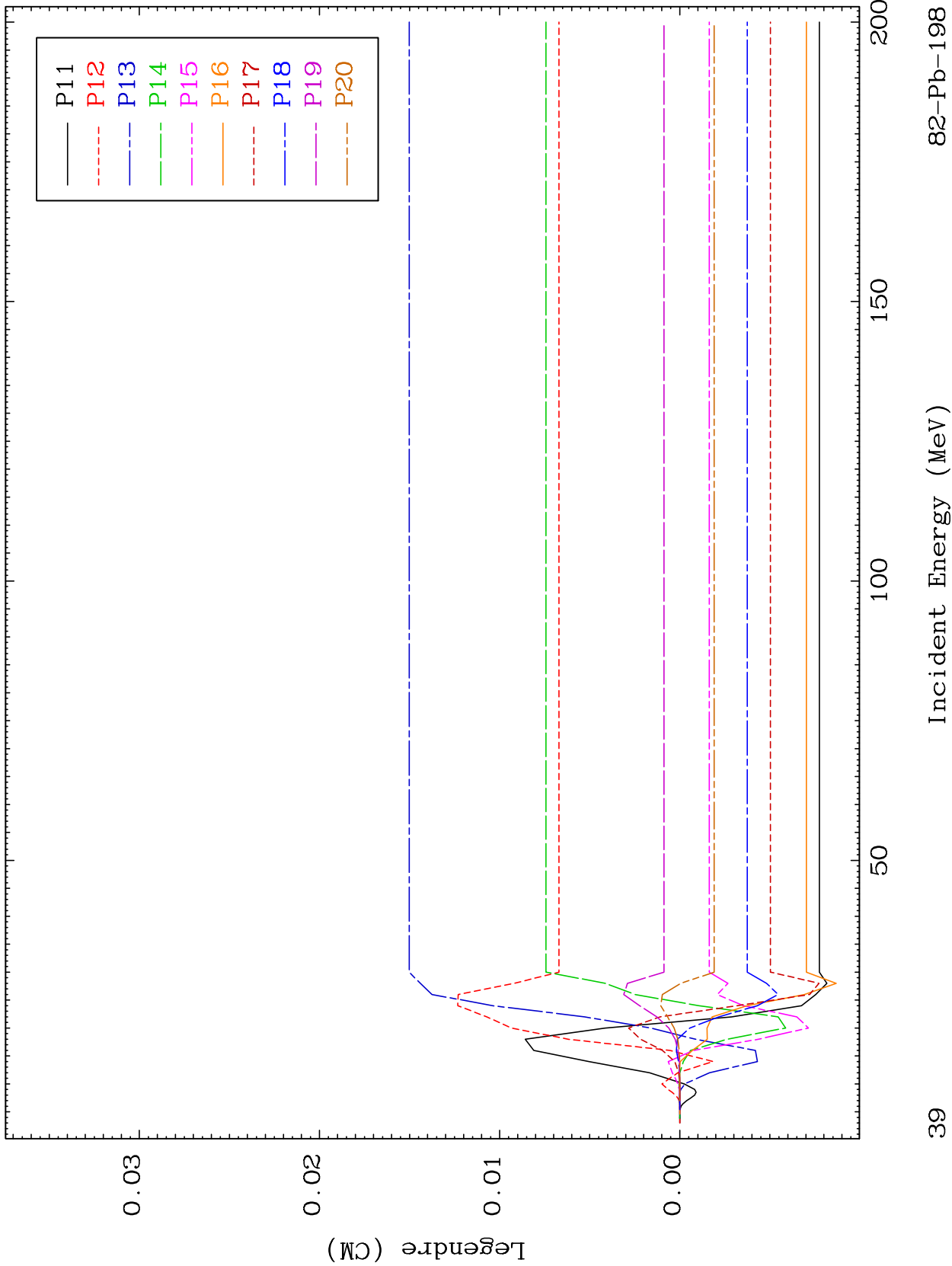


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MAT 8207

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

82-Pb-198

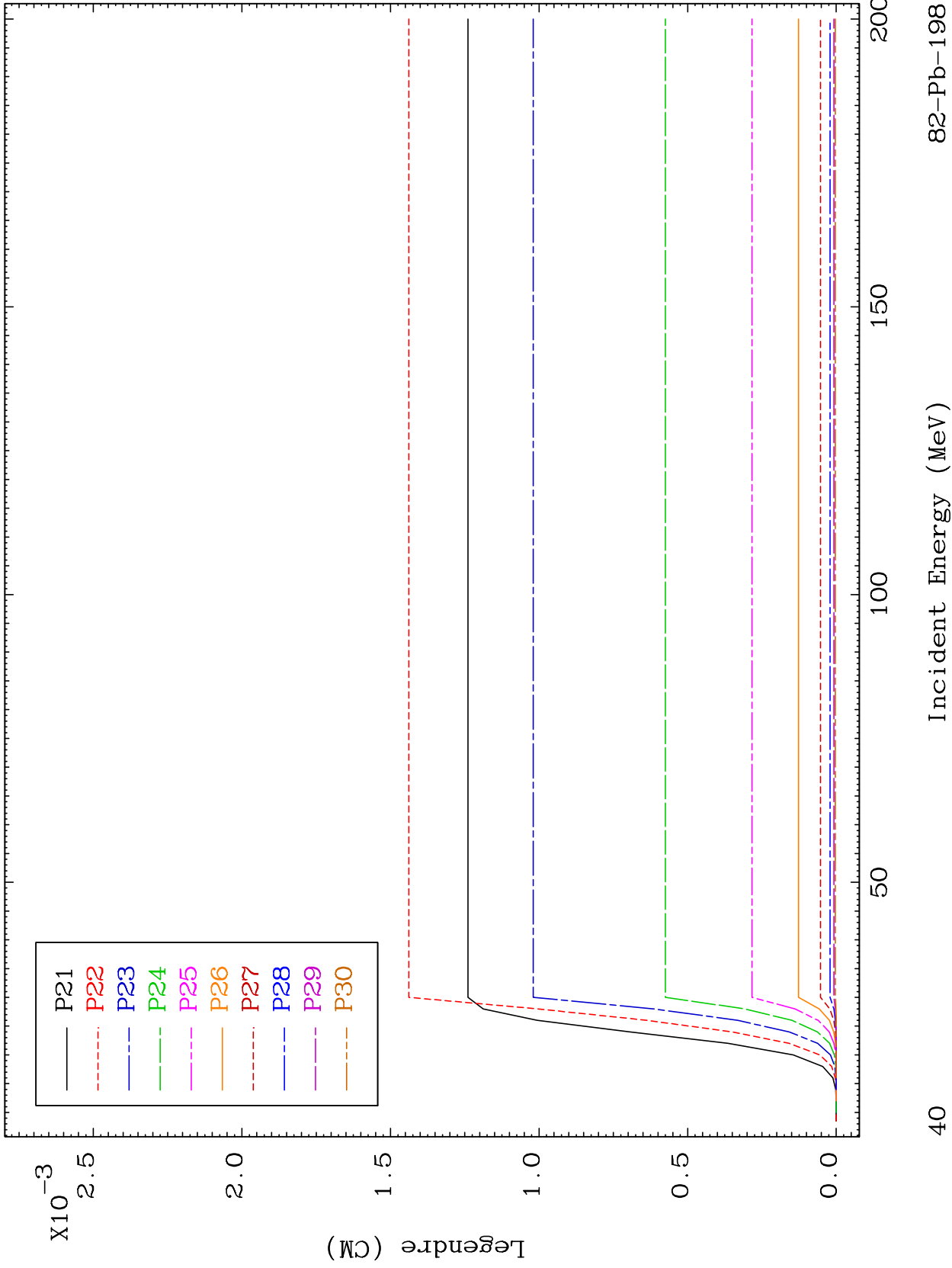




MAT 8207

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

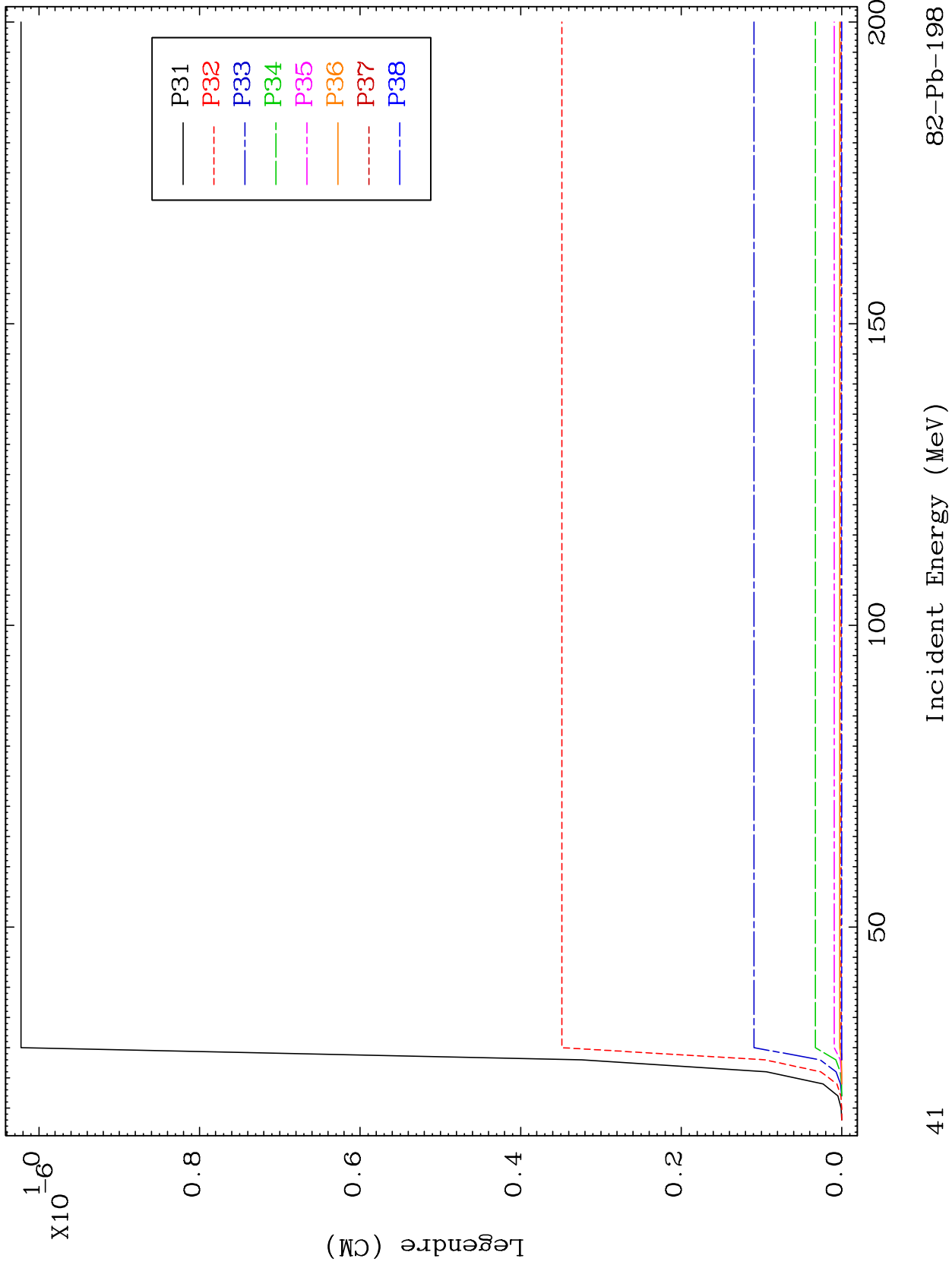
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MAT 8207

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

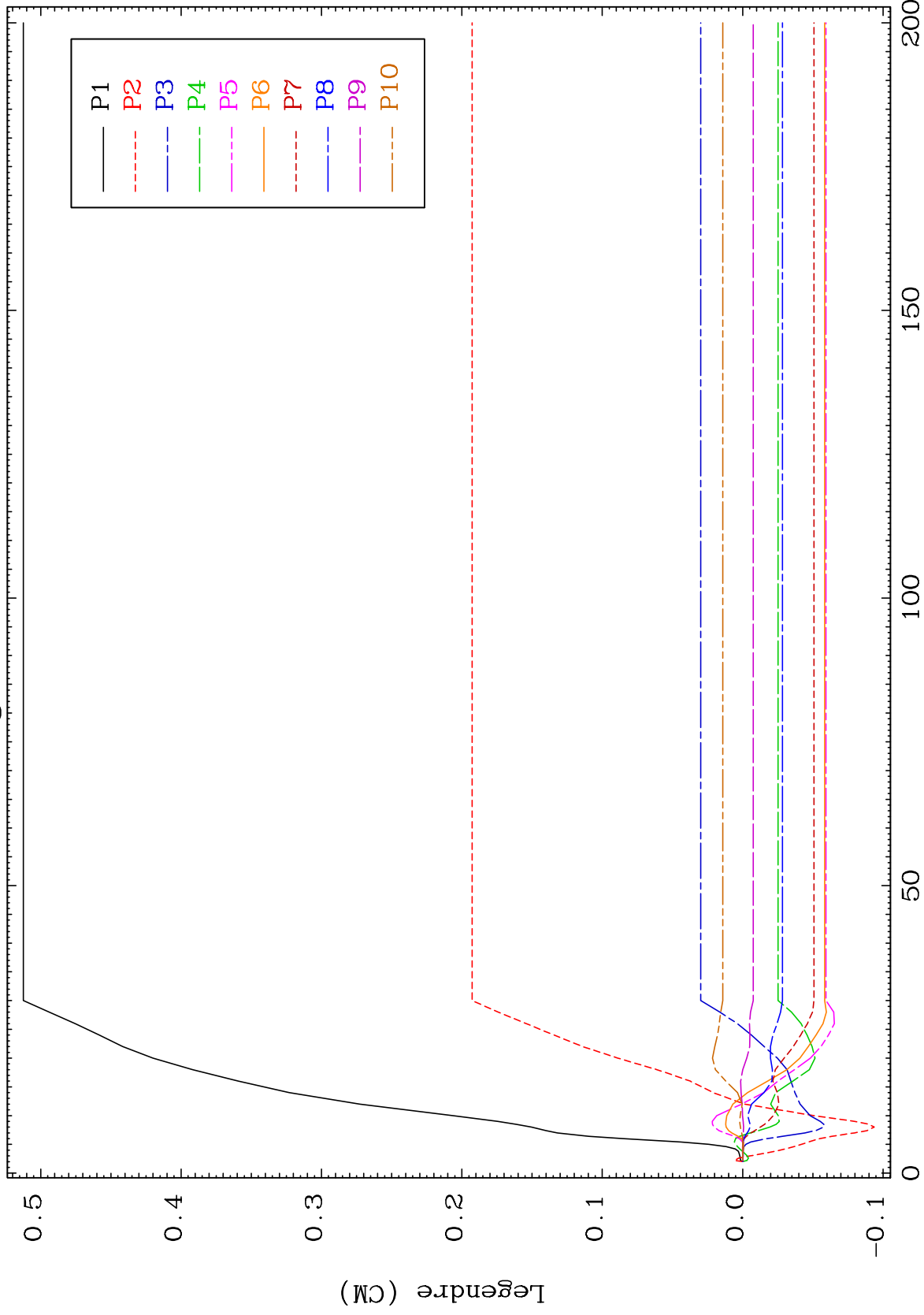
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MAT 8207

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

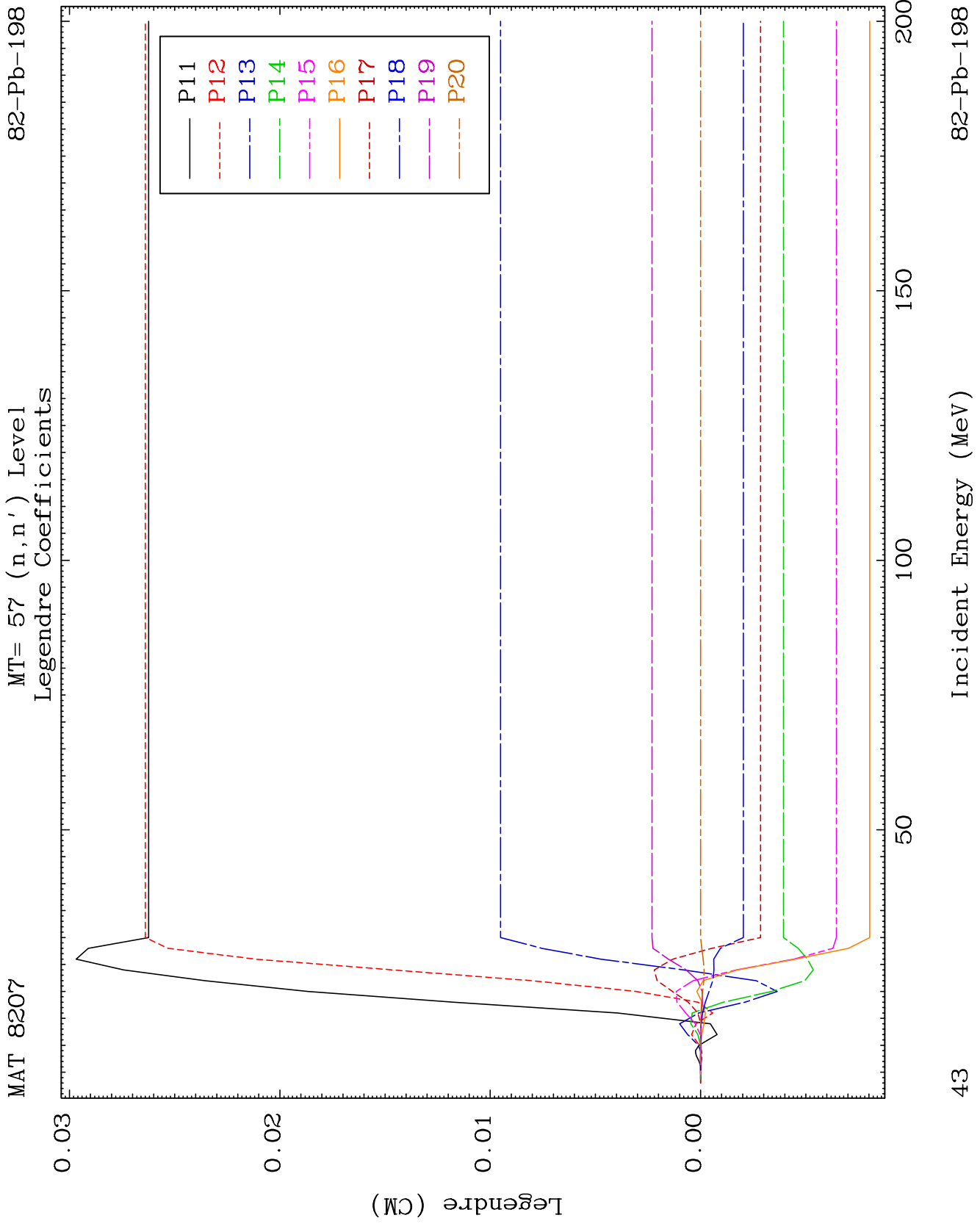
82-Pb-198



82-Pb-198

Incident Energy (MeV)

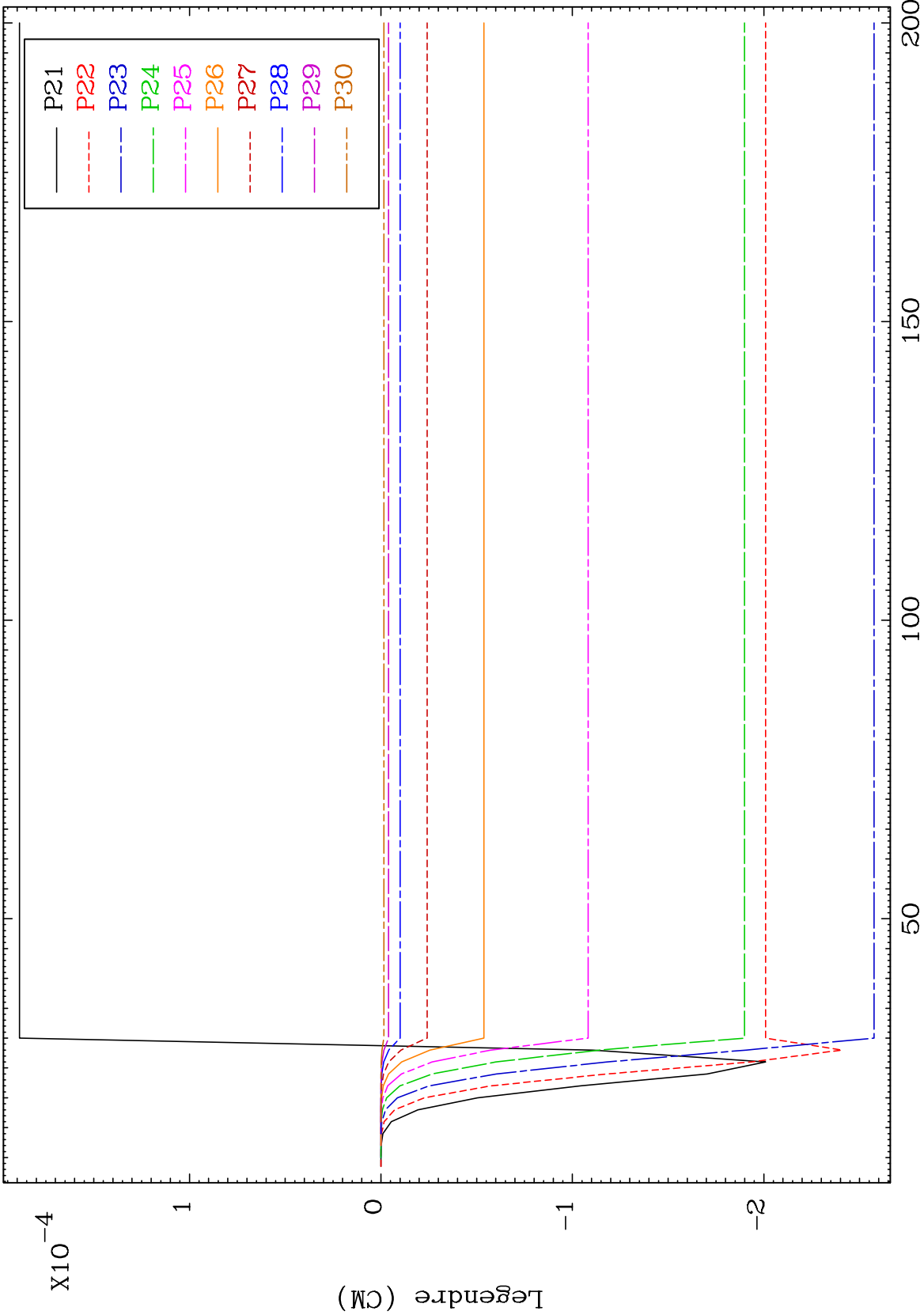
42

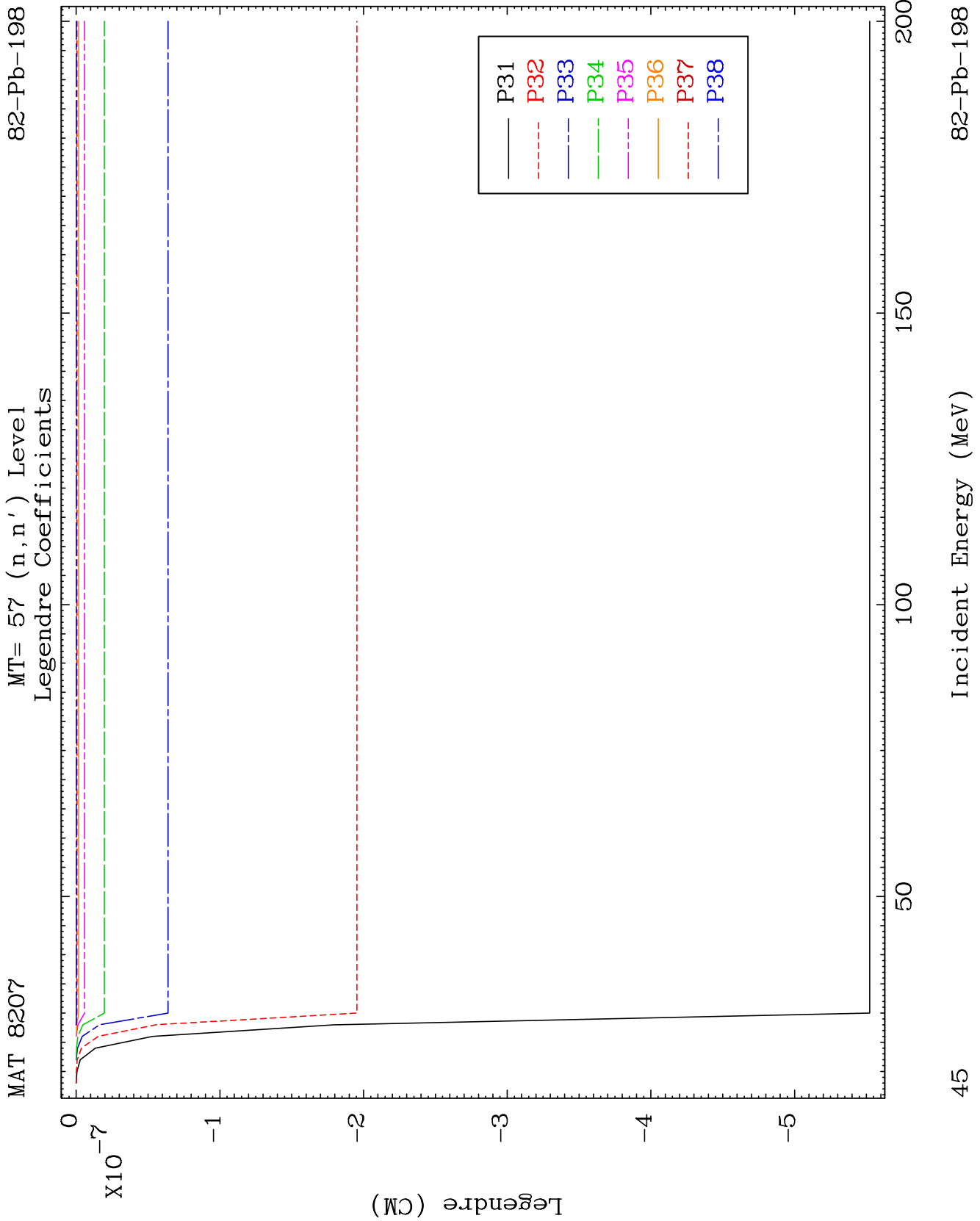


MAT 8207

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

82-Pb-198

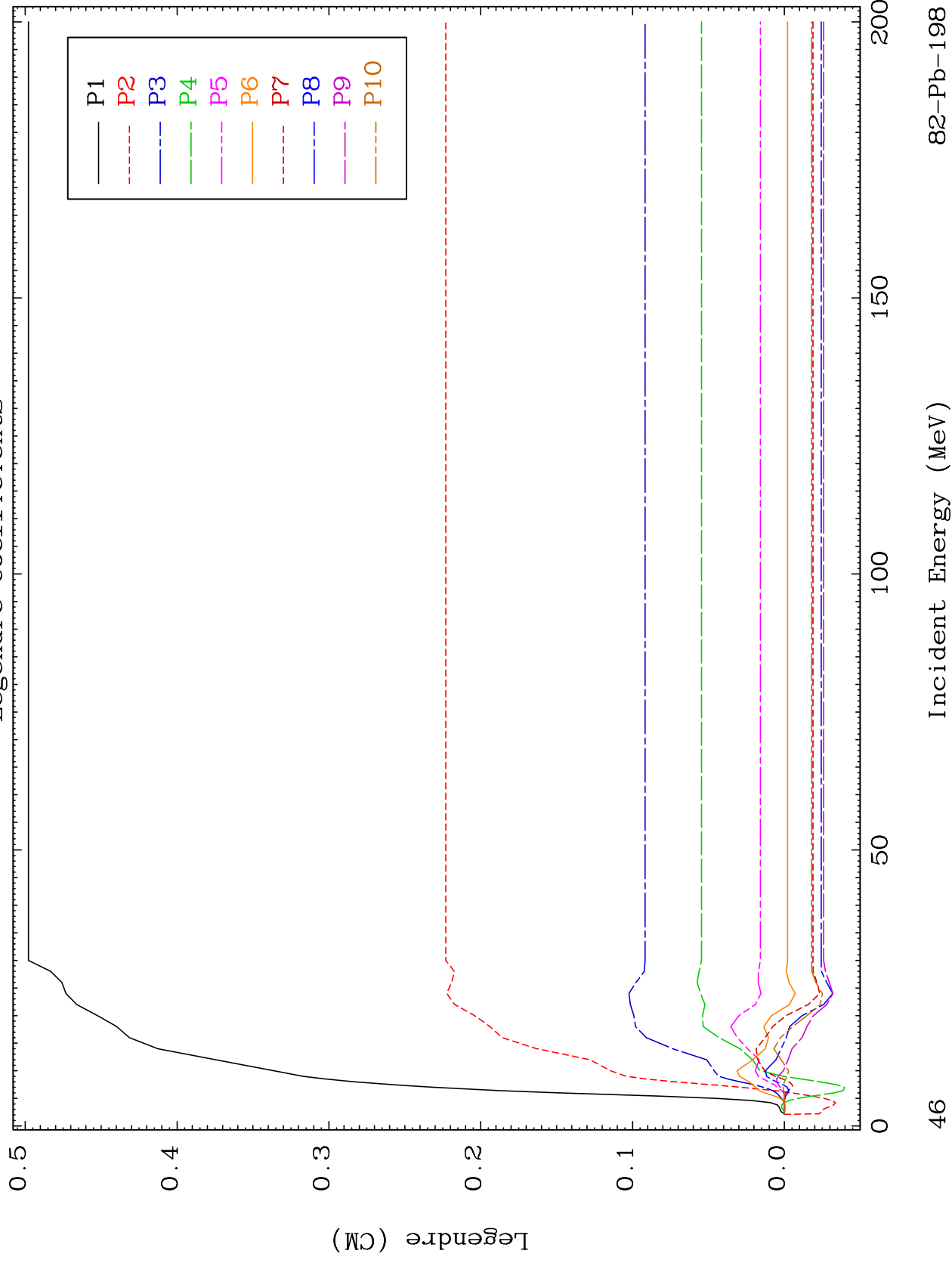




MAT 8207

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

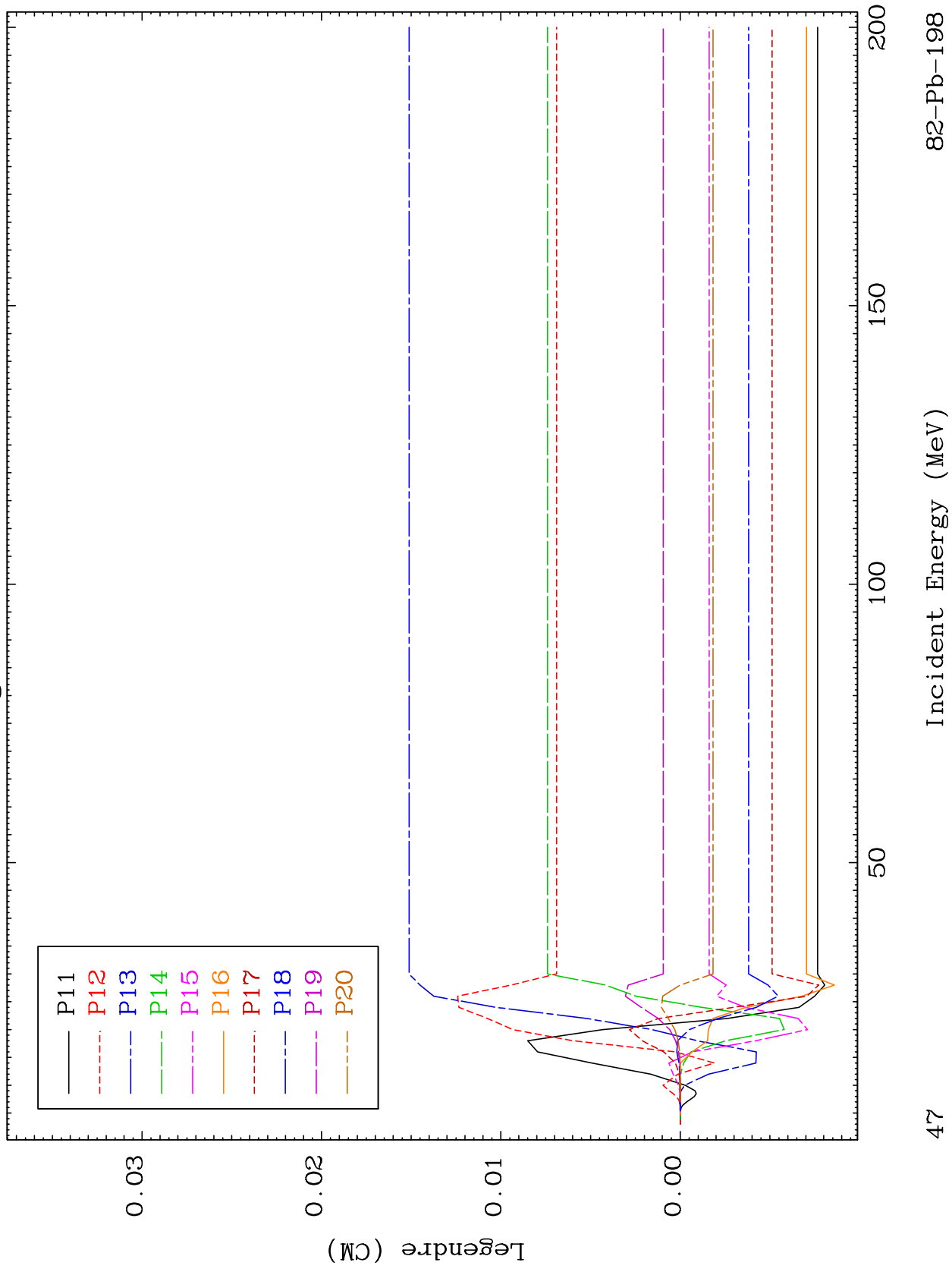
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MAT 8207

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

82-Pb-198



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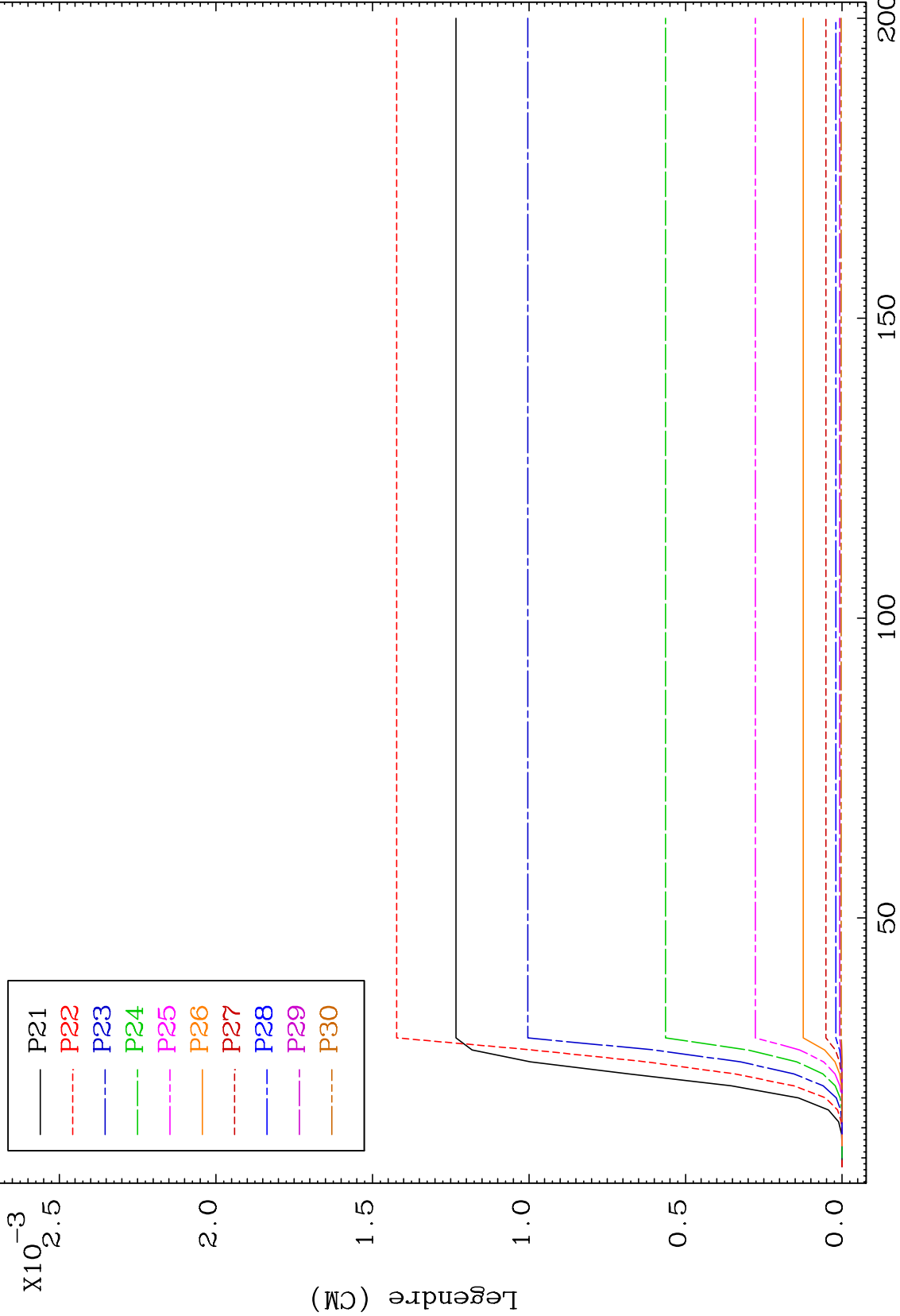
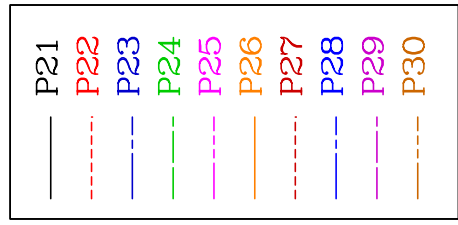
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MAT 8207

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

82-Pb-198



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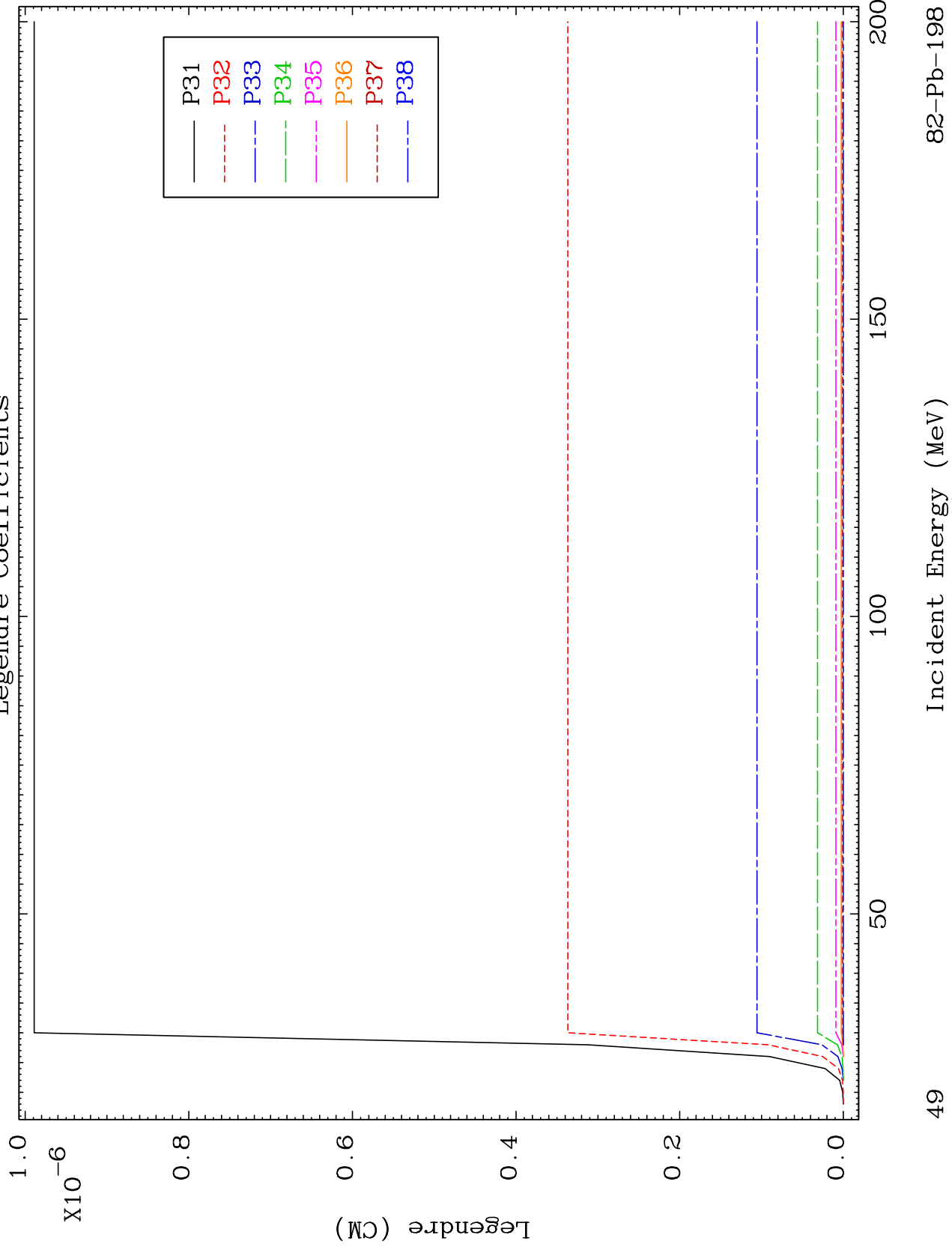
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

82-Pb-198



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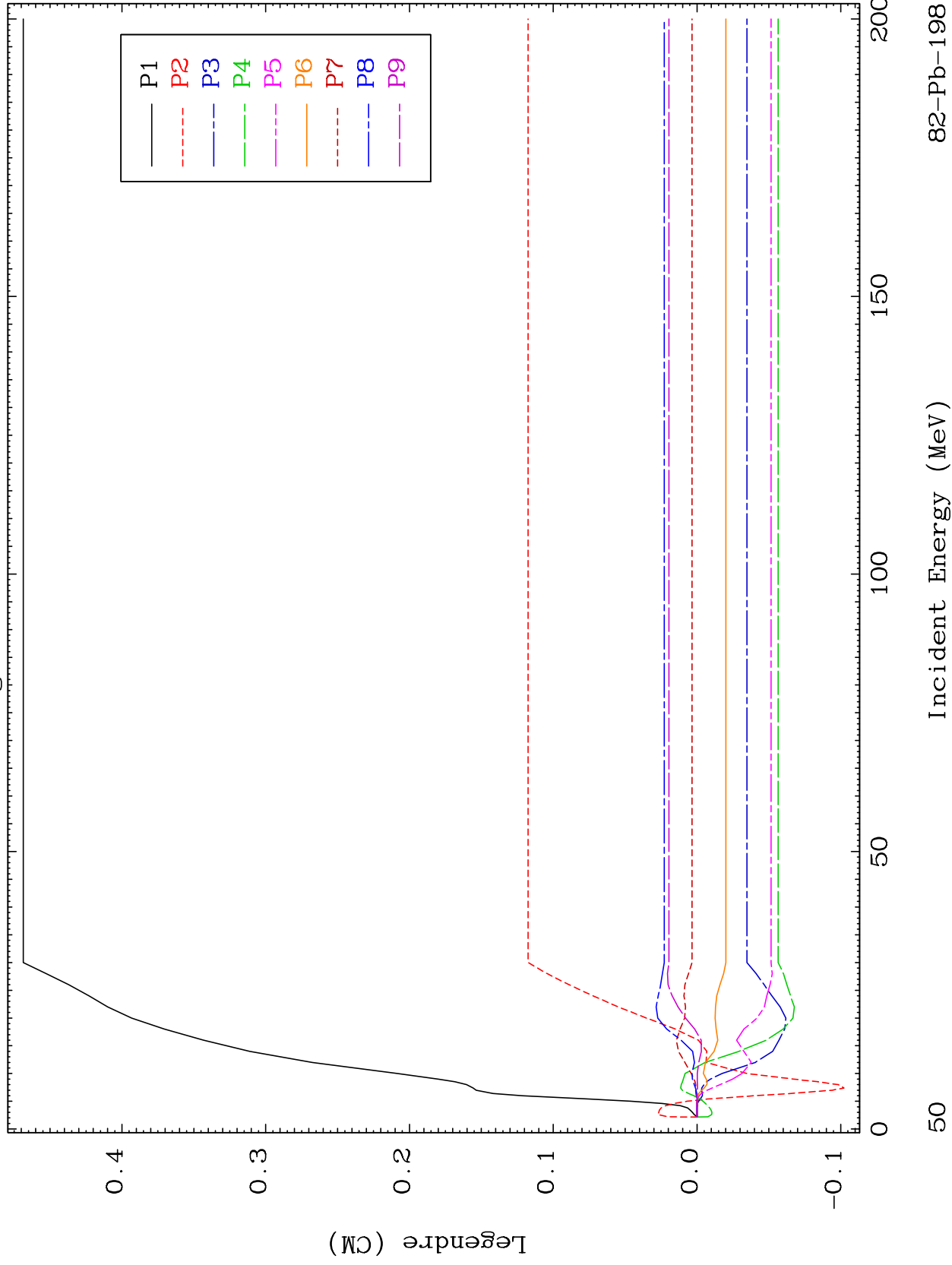
Incident Energy (MeV)

82-Pb-198

MAT 8207

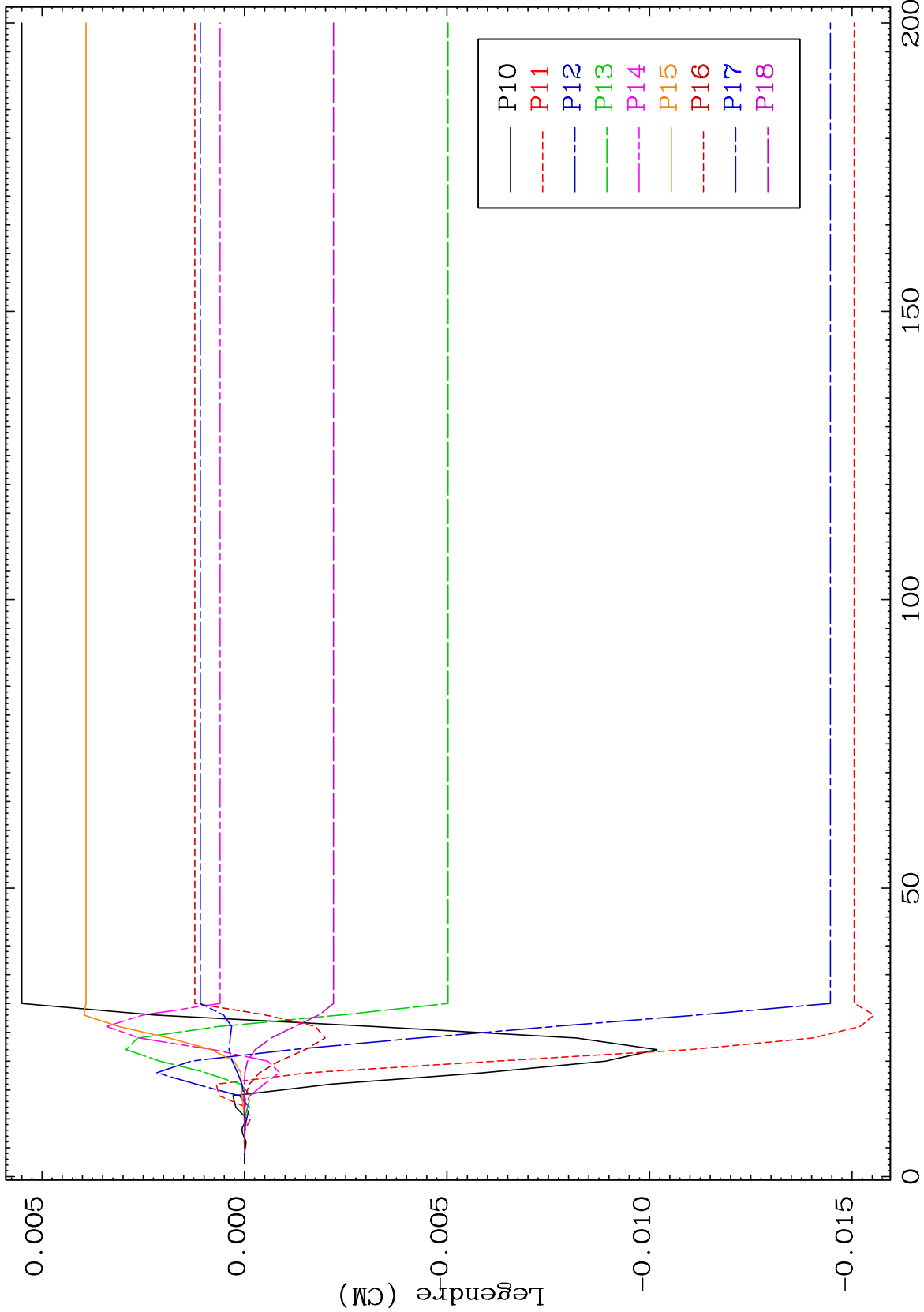
MT= 59 (n,n') Level  
Legendre Coefficients

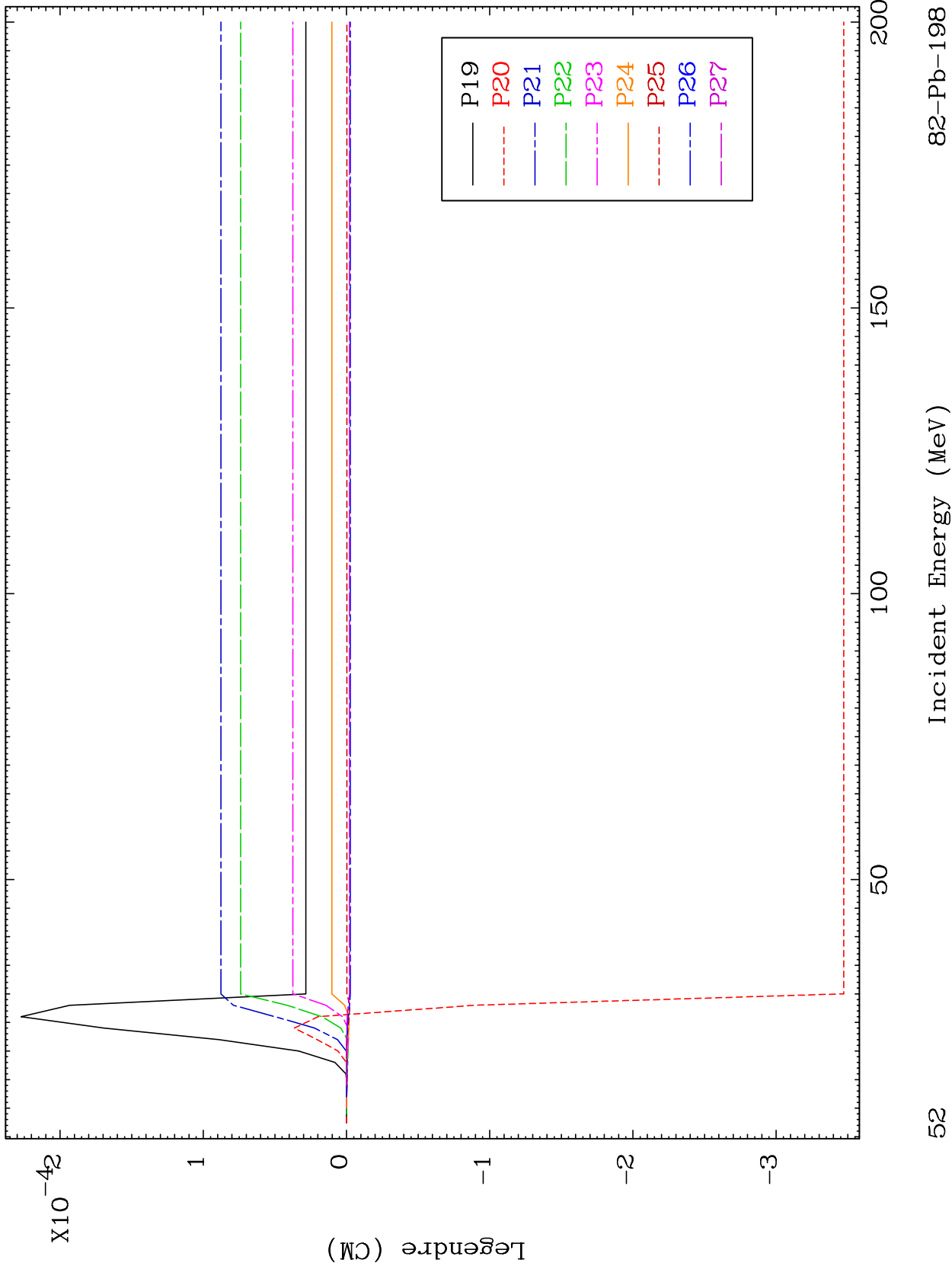
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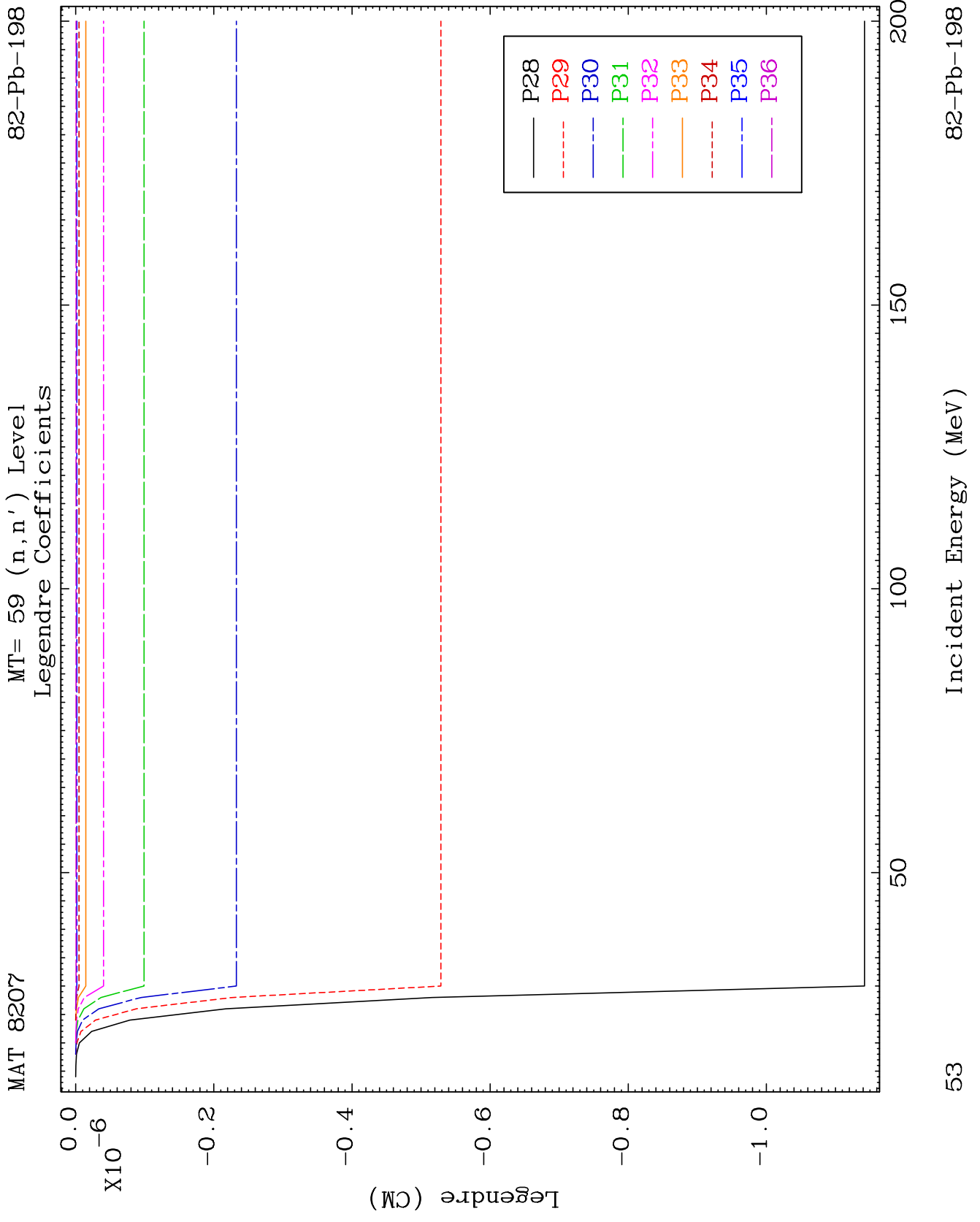


82-Pb-198

Incident Energy (MeV)



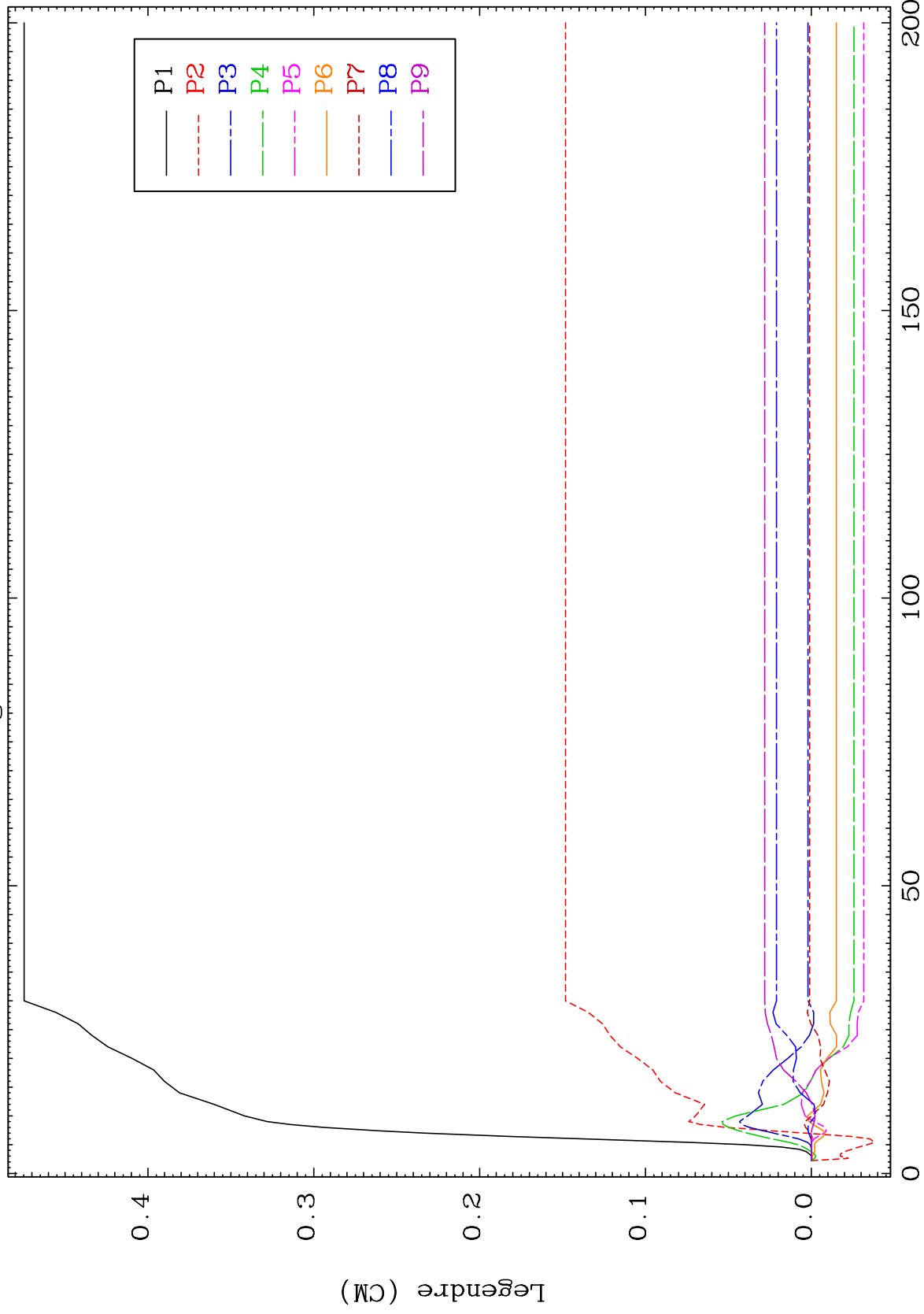




MAT 8207

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

82-Pb-198



54

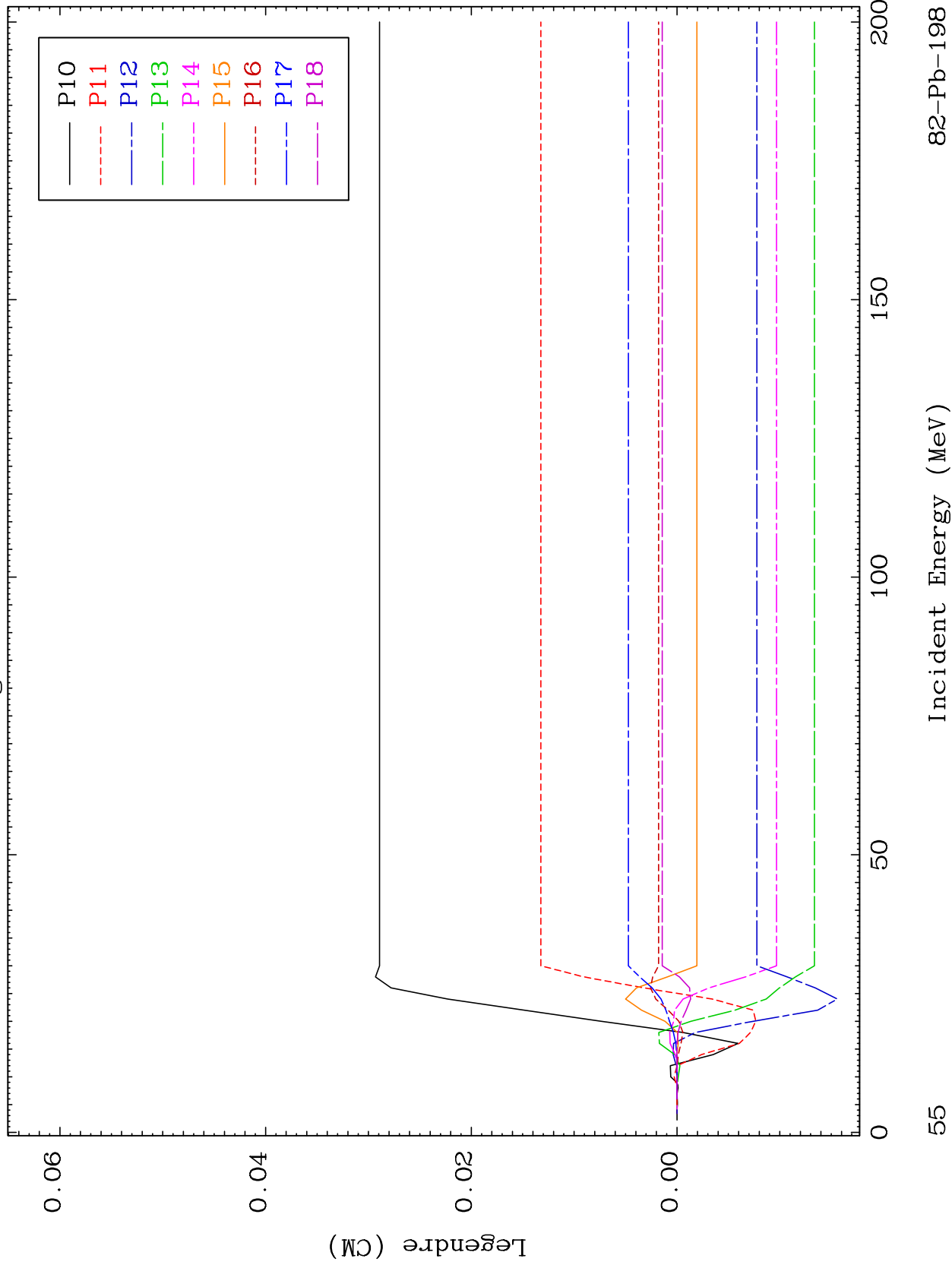
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

82-Pb-198



82-Pb-198

Incident Energy (MeV)

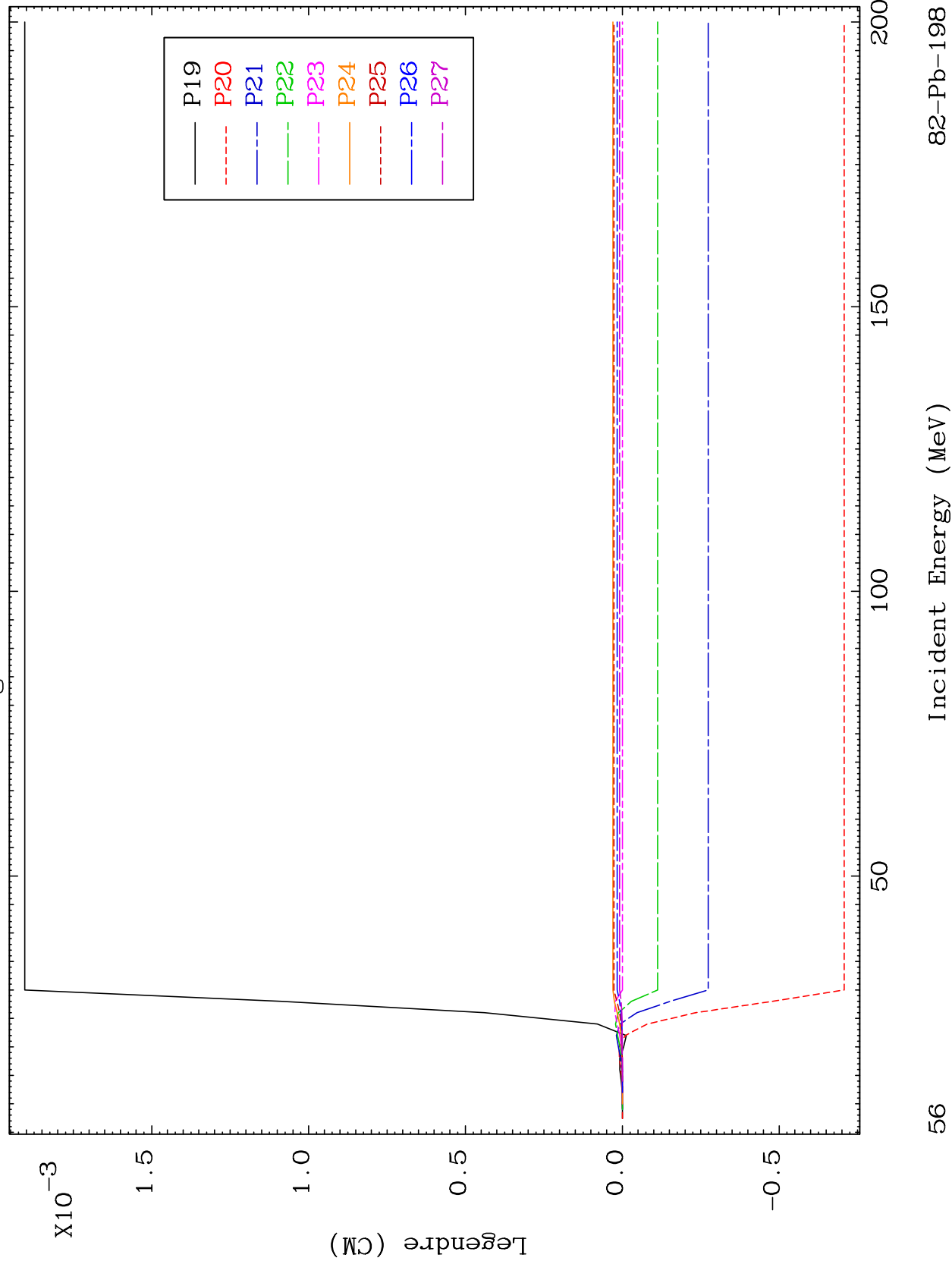
55



MAT 8207

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

82-Pb-198



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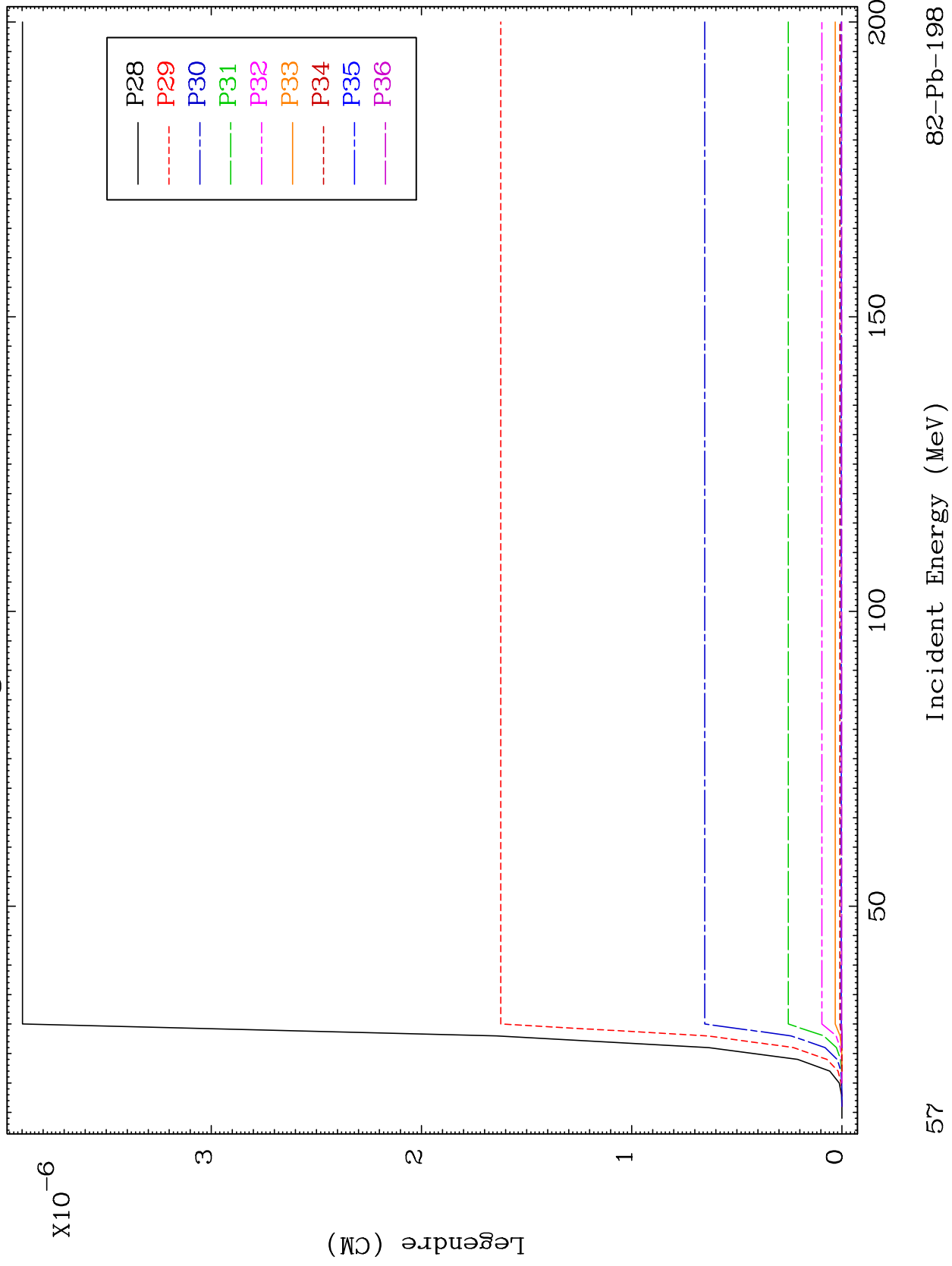
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

82-Pb-198



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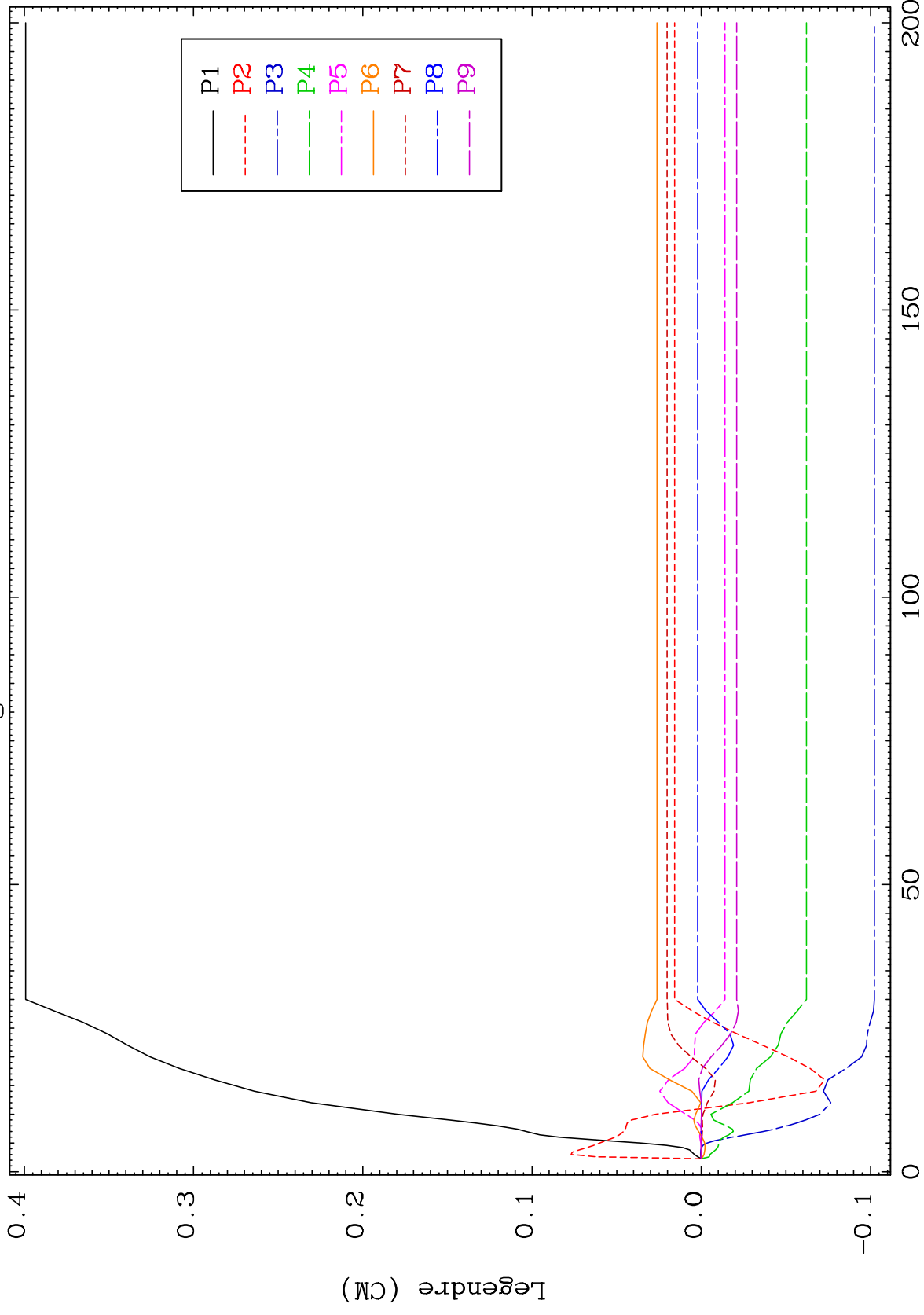
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

82-Pb-198



58

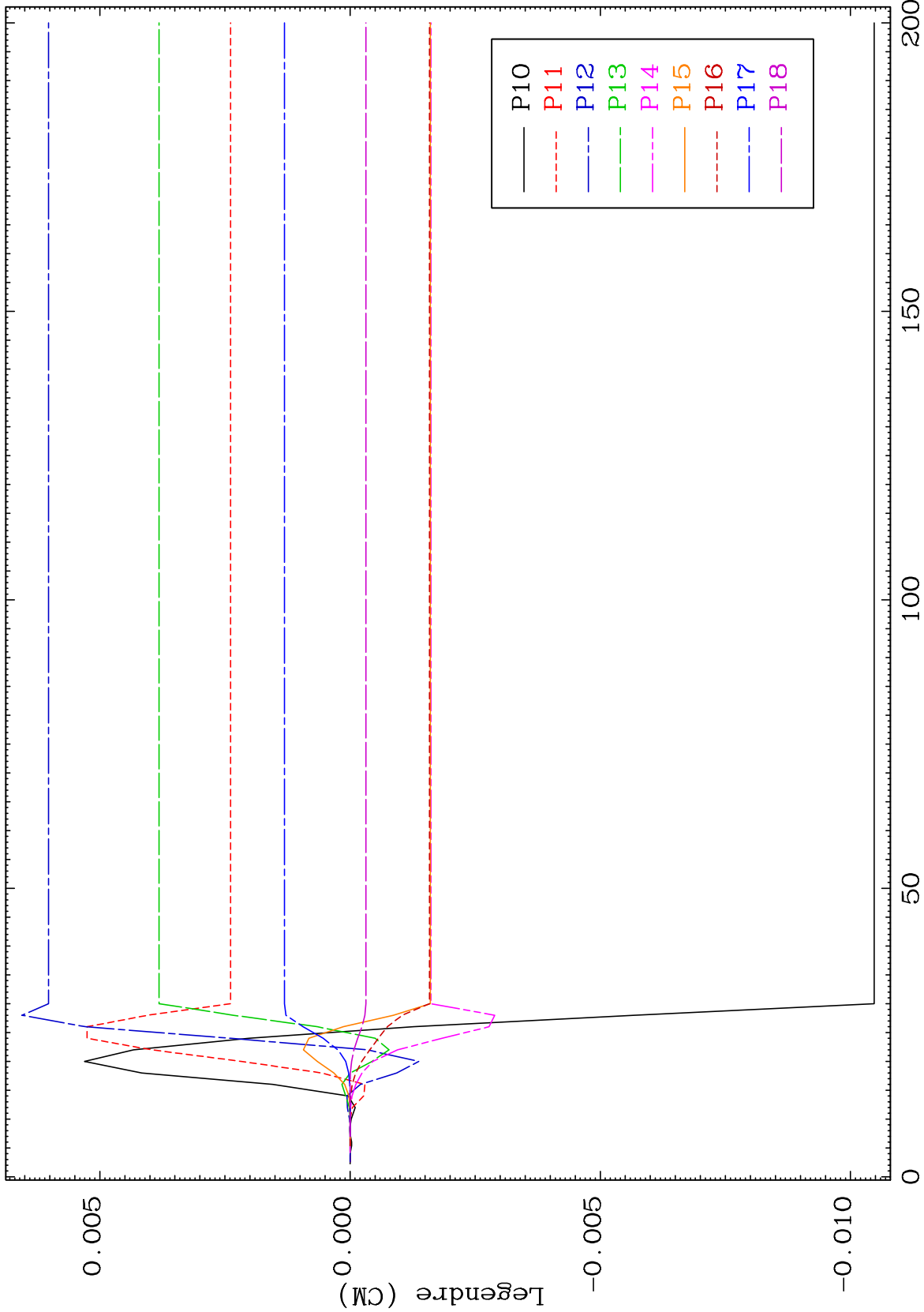
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

82-Pb-198



59

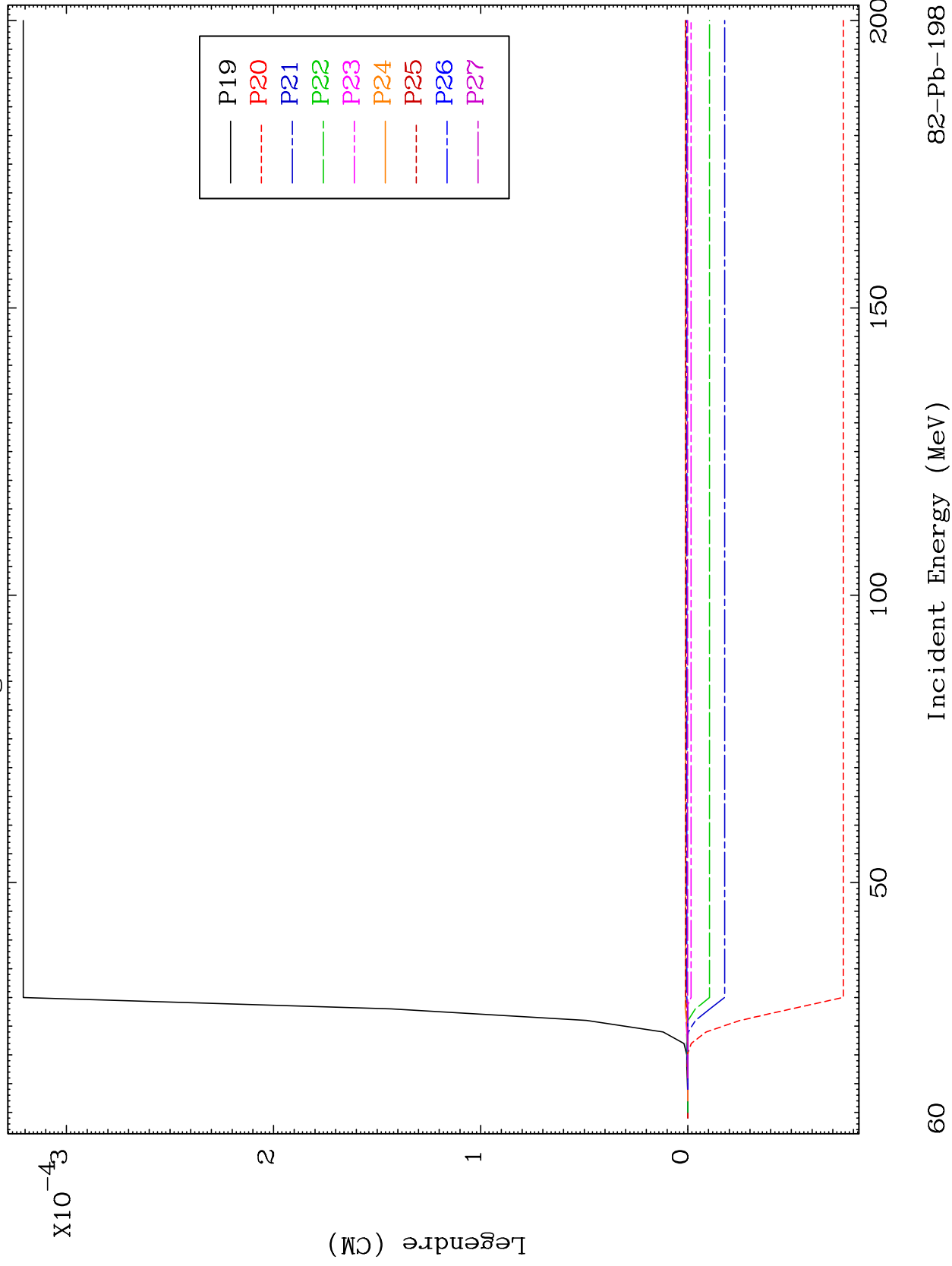
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

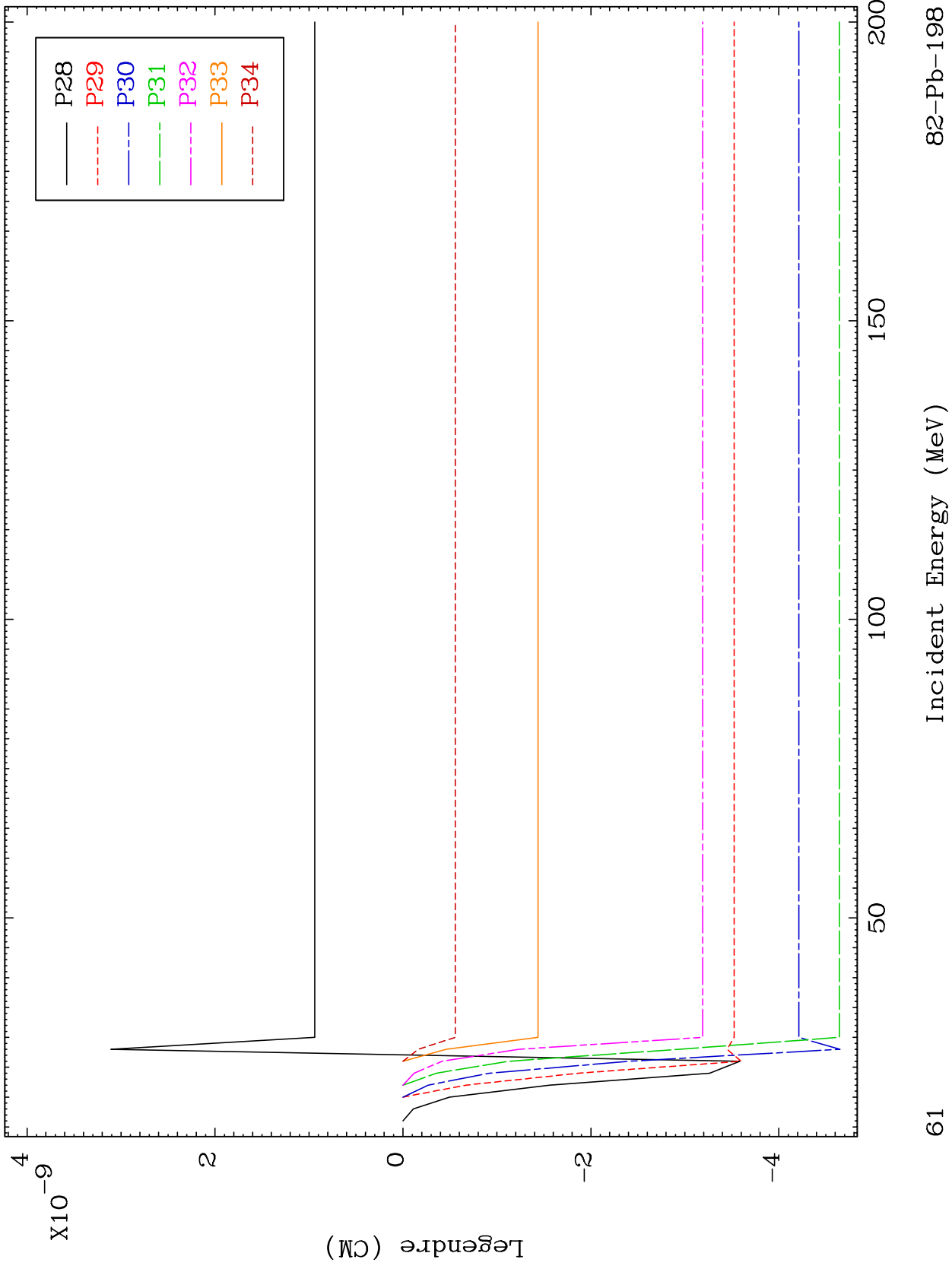
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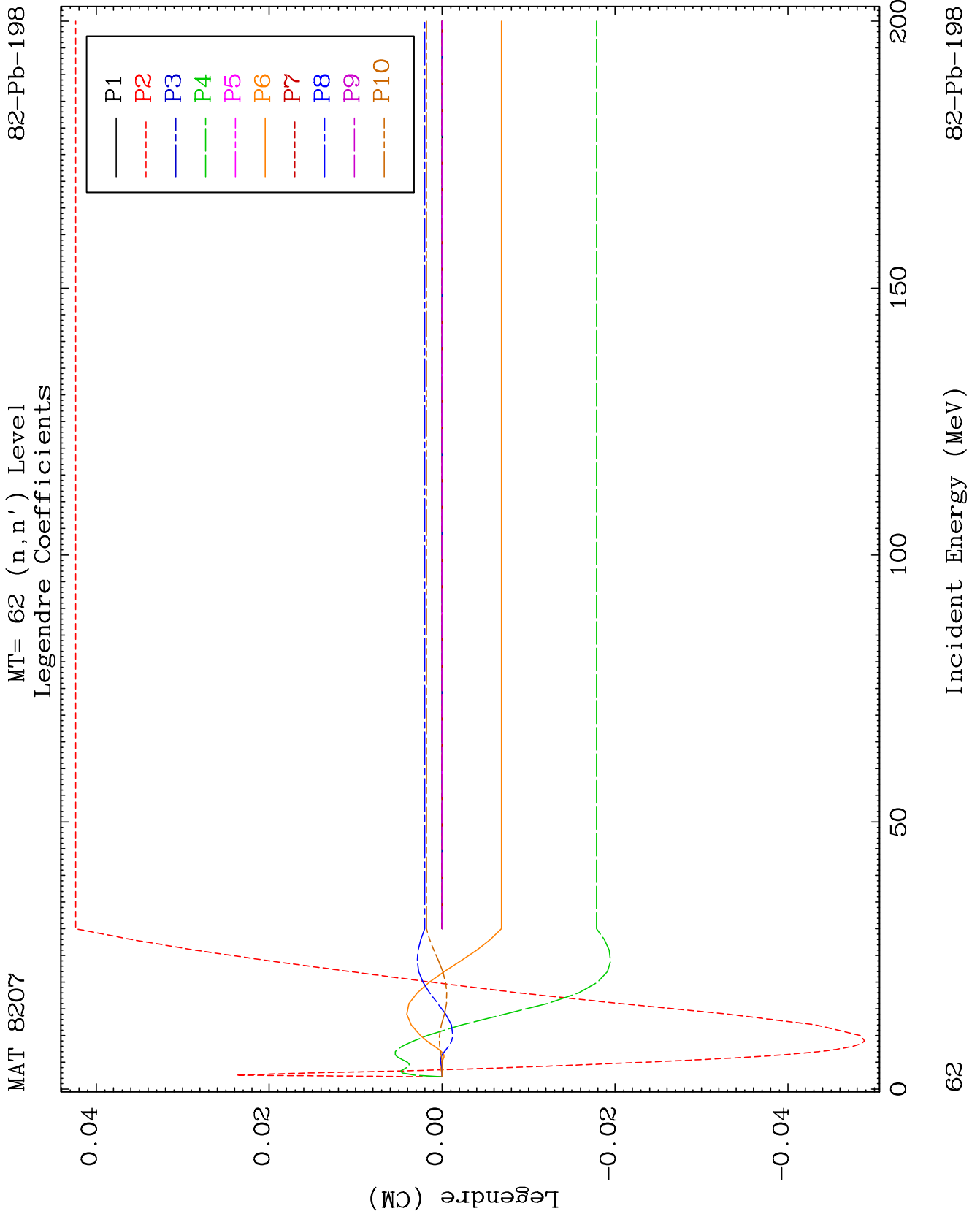


MAT 8207

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

82-Pb-198

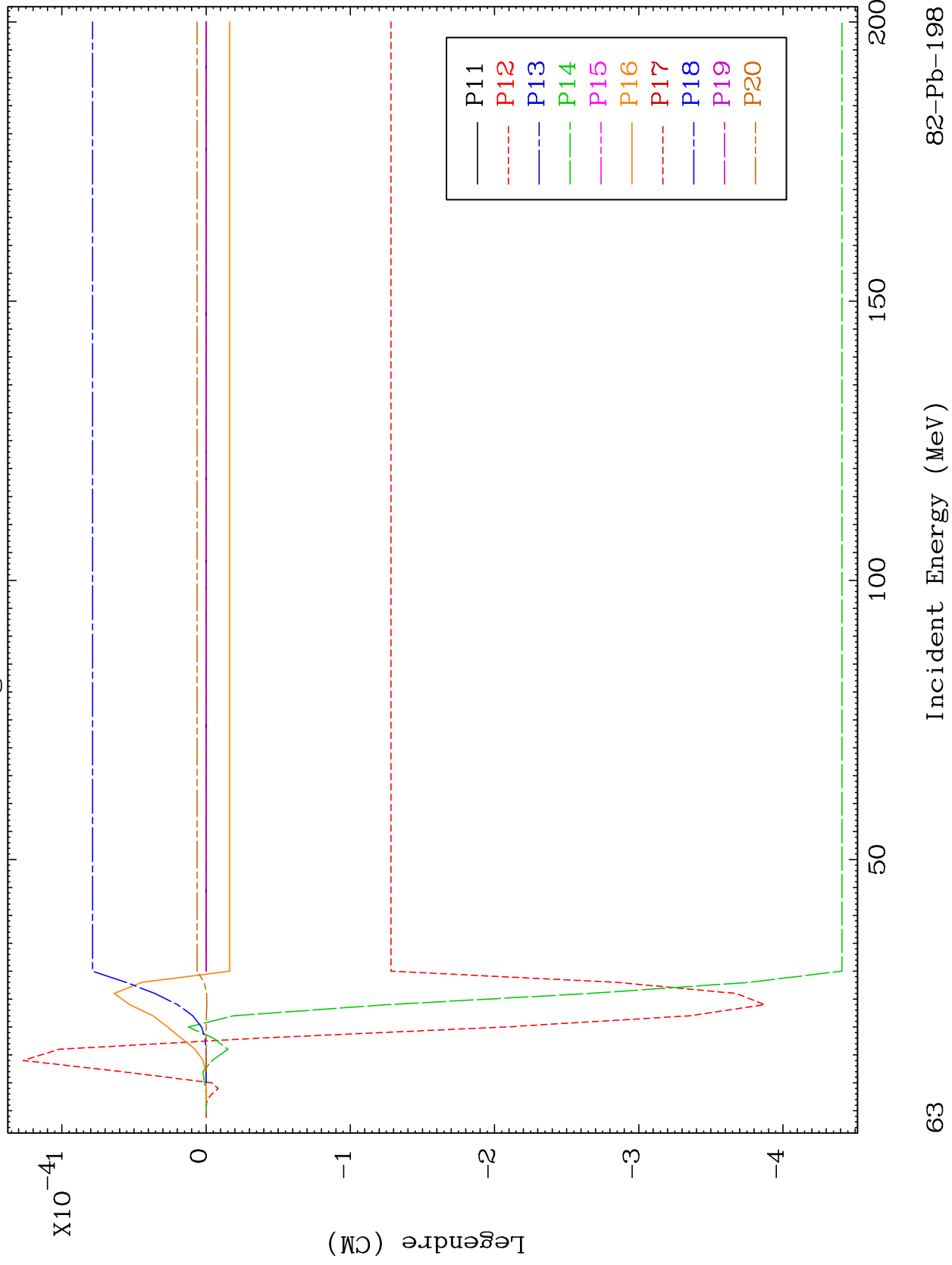




MAT 8207

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

82-Pb-198

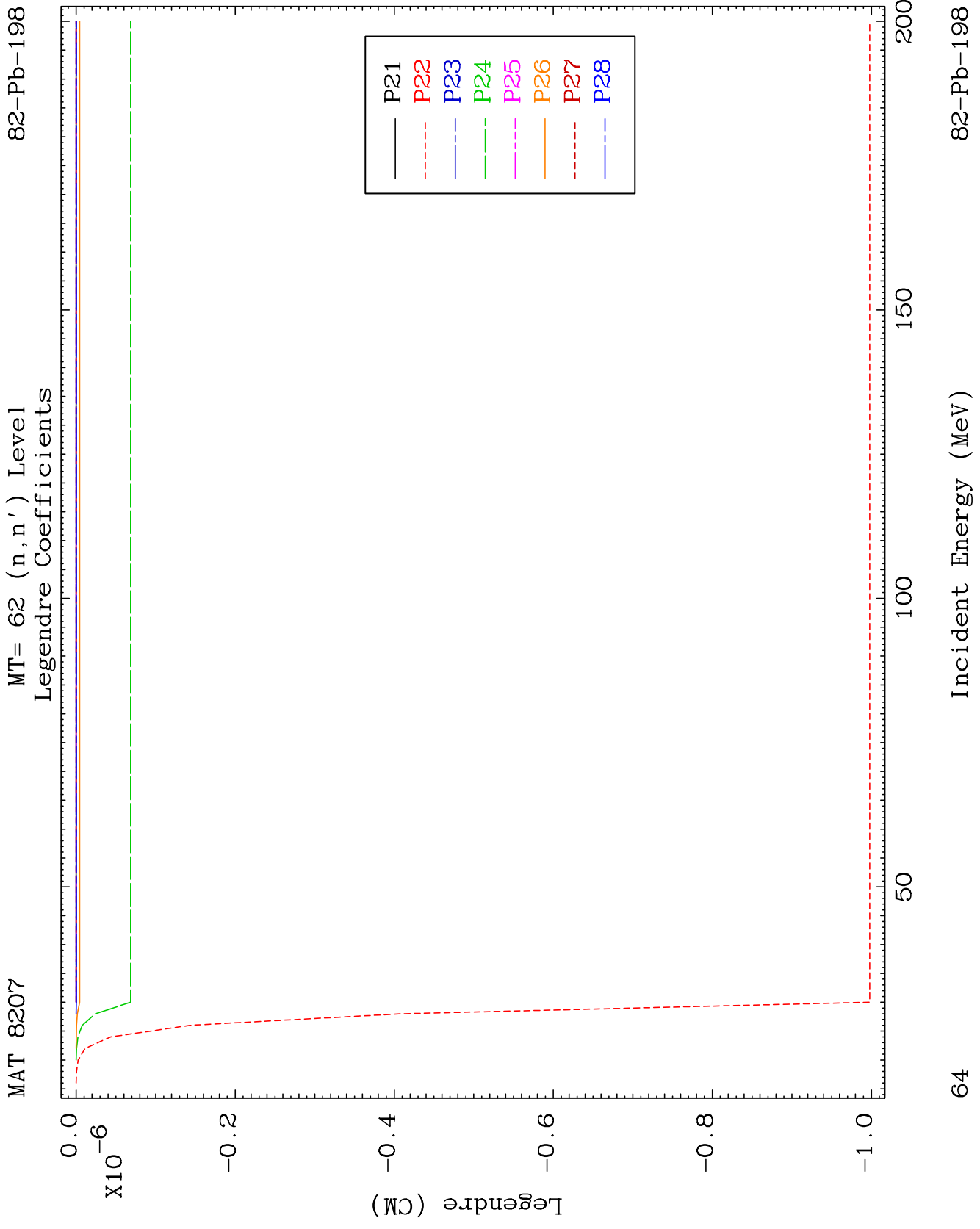


63

Incident Energy (MeV)

82-Pb-198

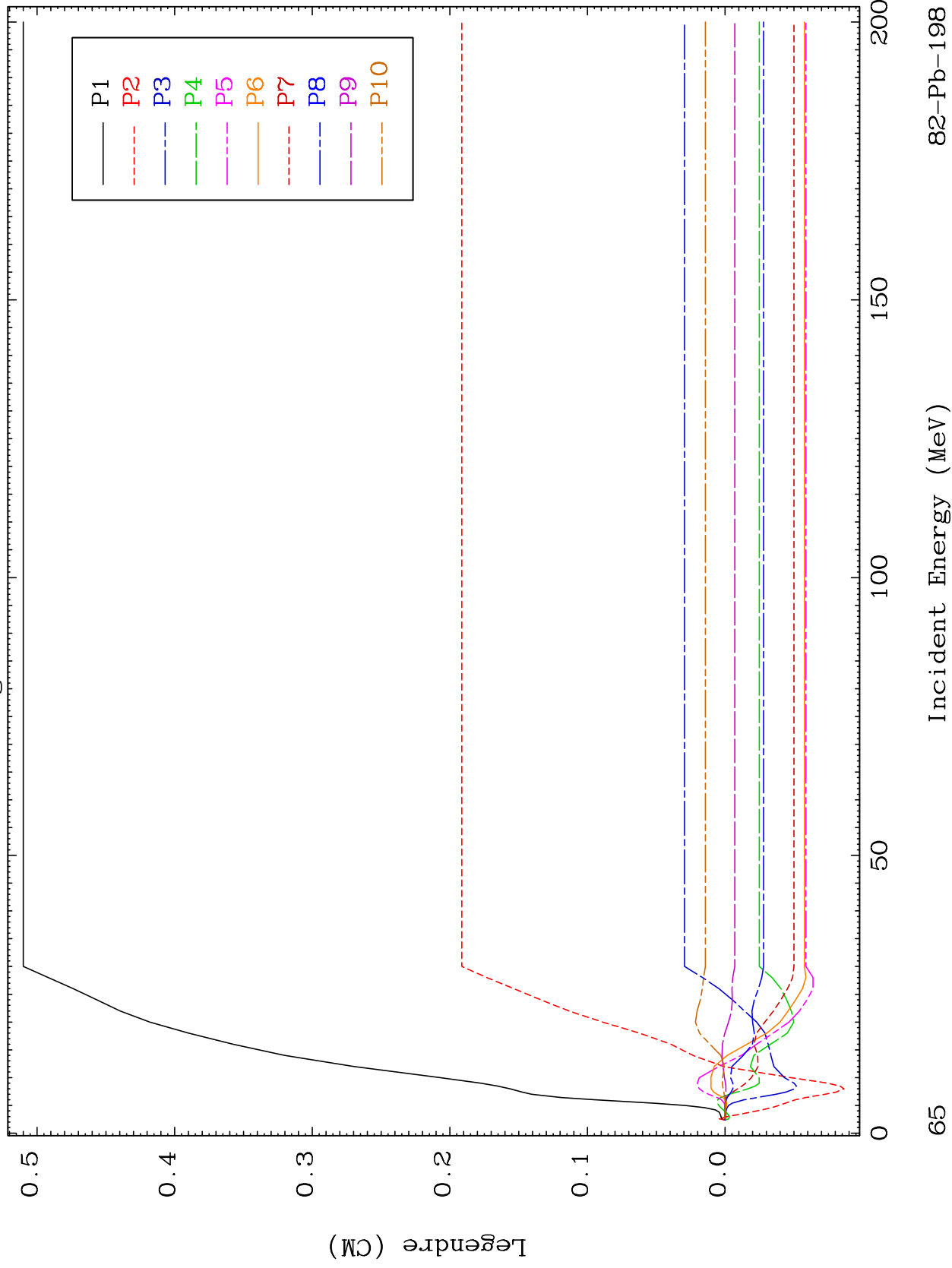




MAT 8207

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

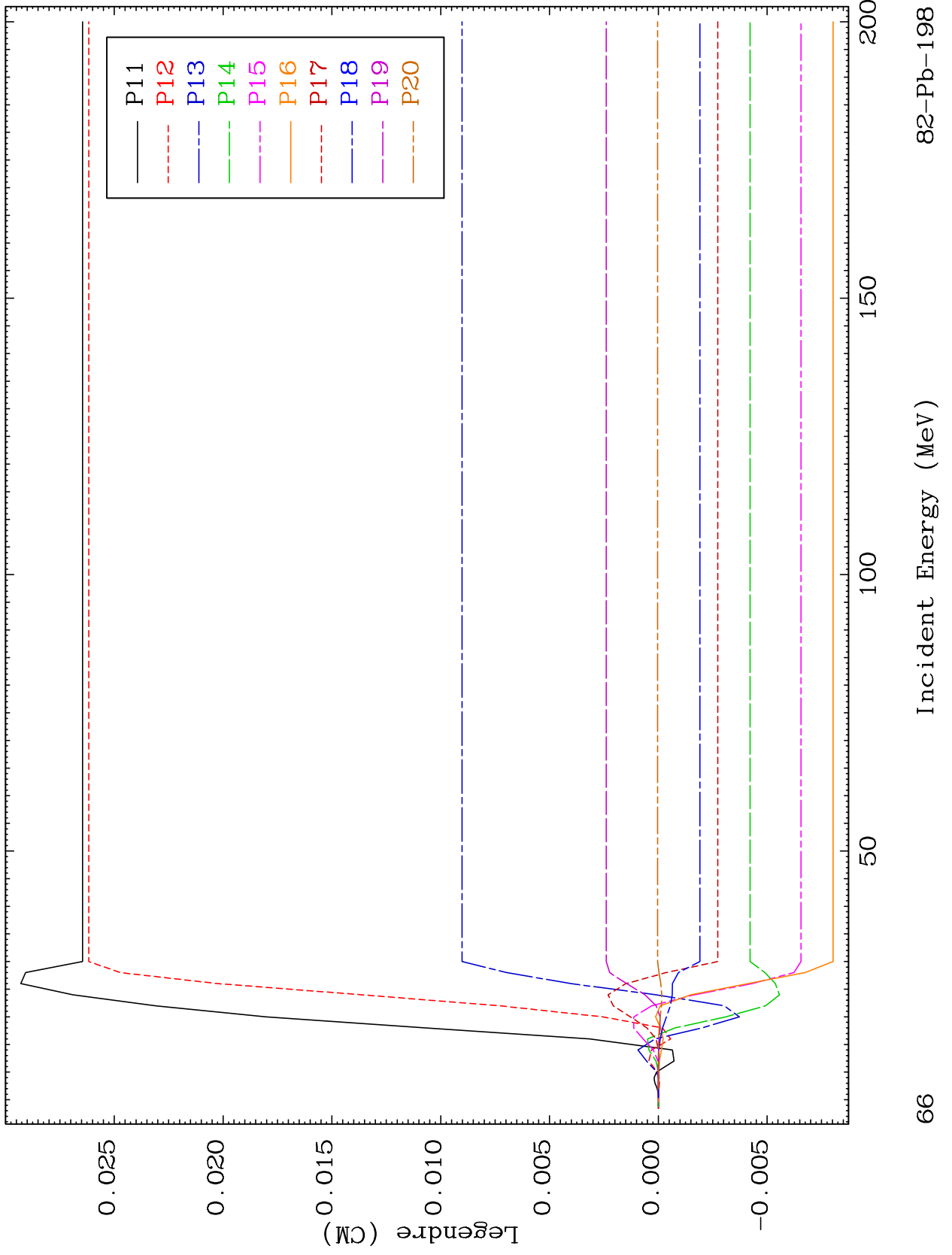
82-Pb-198



82-Pb-198

Incident Energy (MeV)

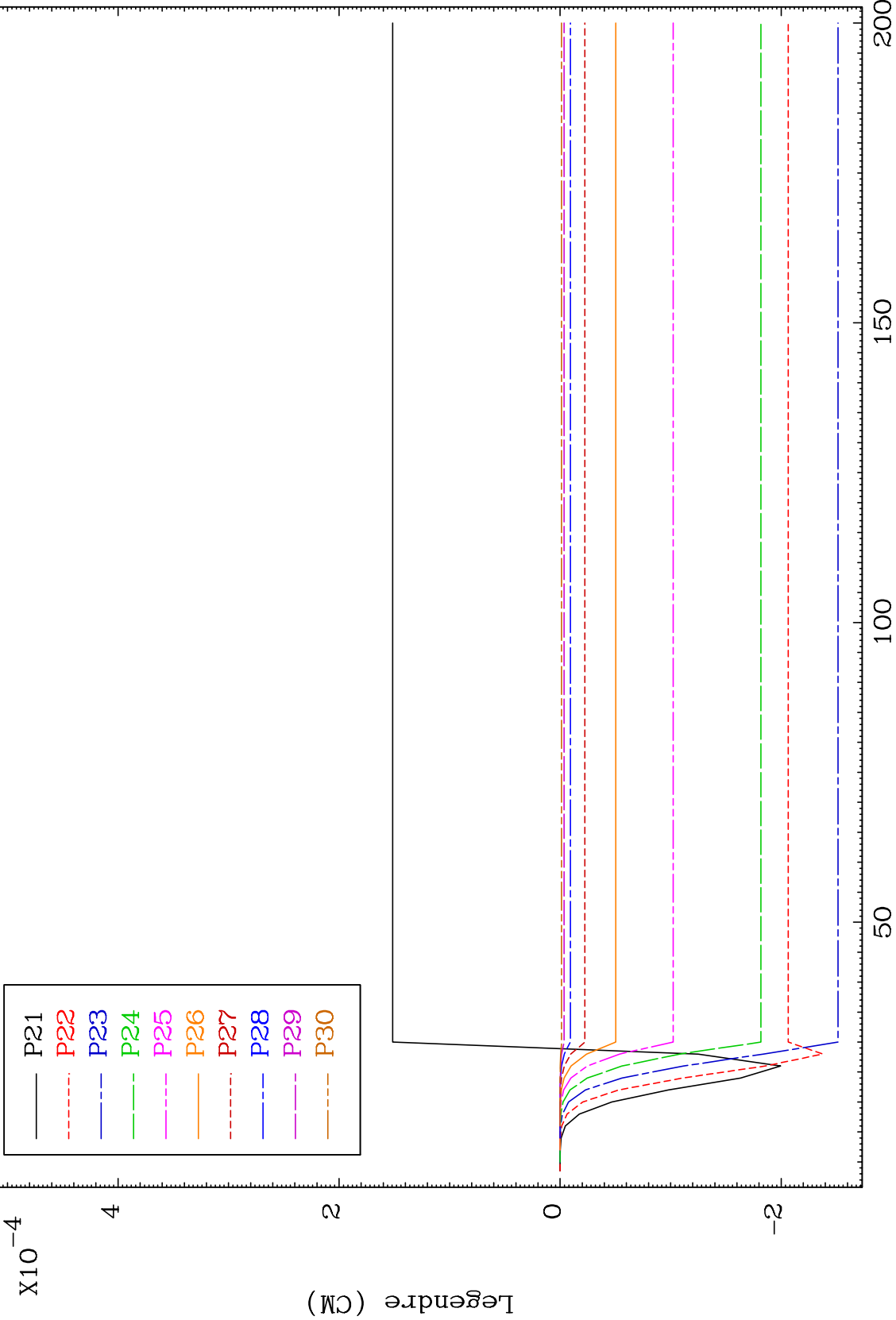
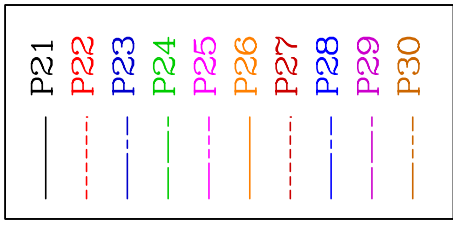
65



MAT 8207

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

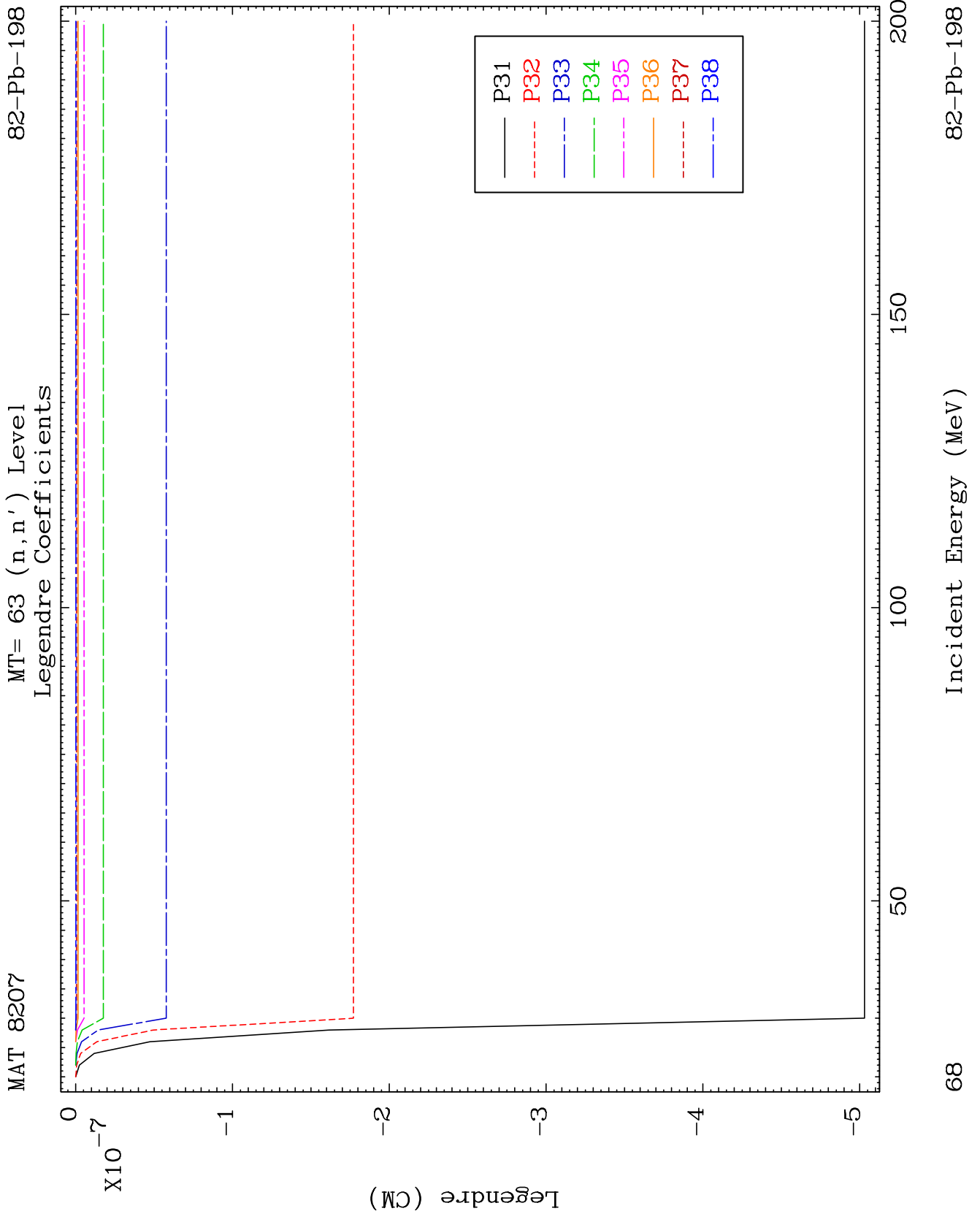
82-Pb-198



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Incident Energy (MeV)

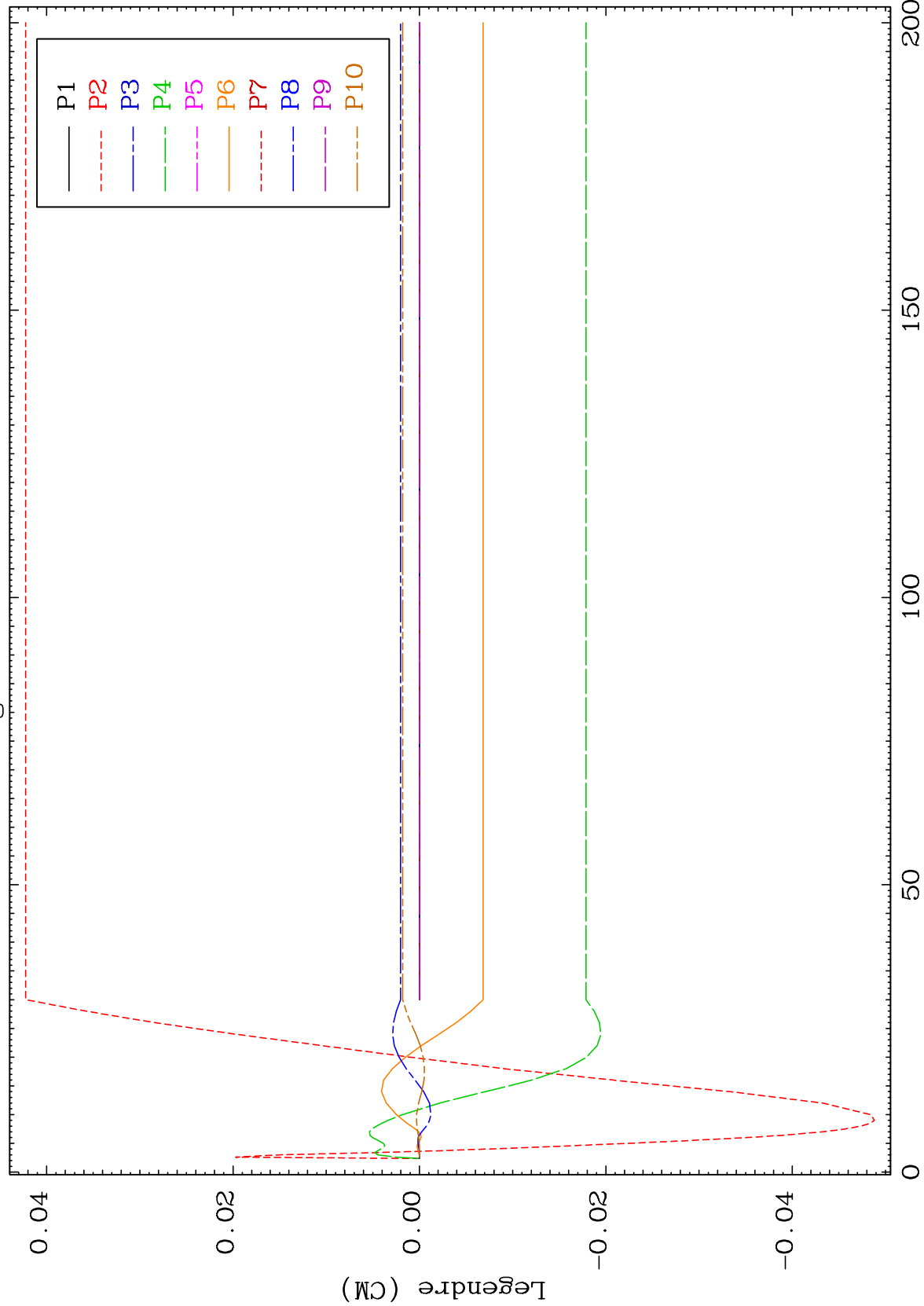
82-Pb-198



MAT 8207

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

82-Pb-198



82-Pb-198

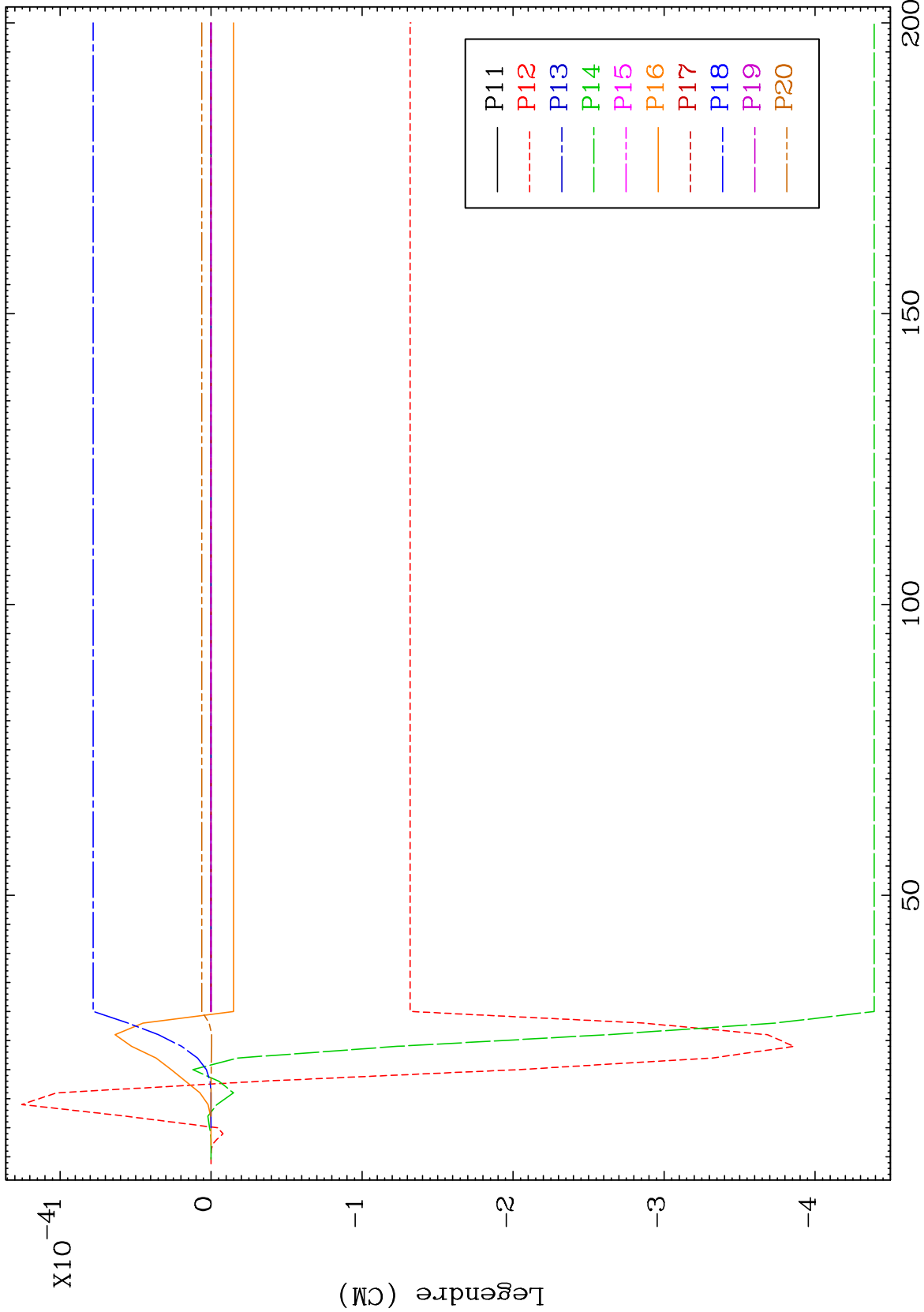
Incident Energy (MeV)

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MAT 8207

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

82-Pb-198



70

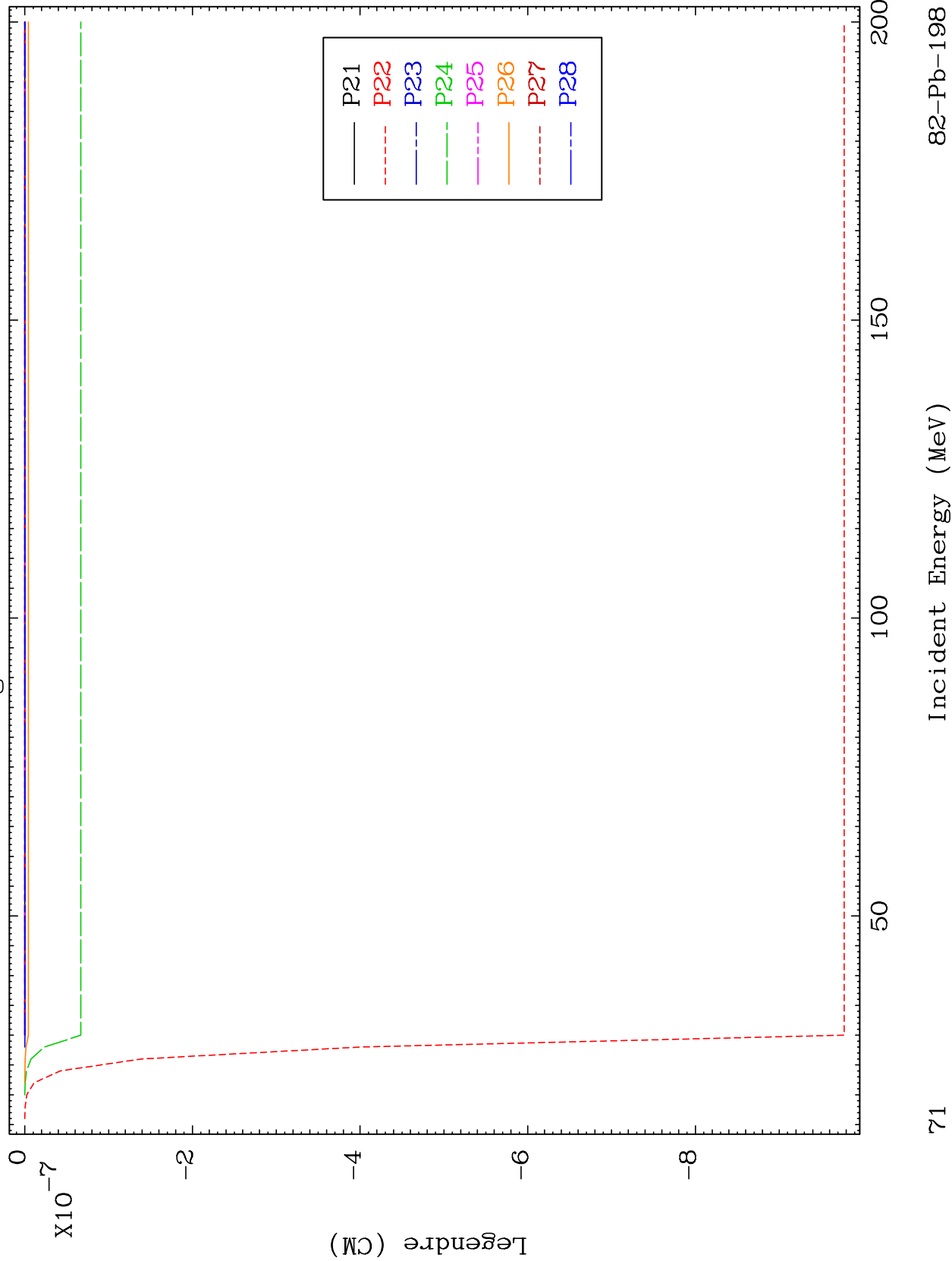
Incident Energy (MeV)

82-Pb-198

MAT 8207

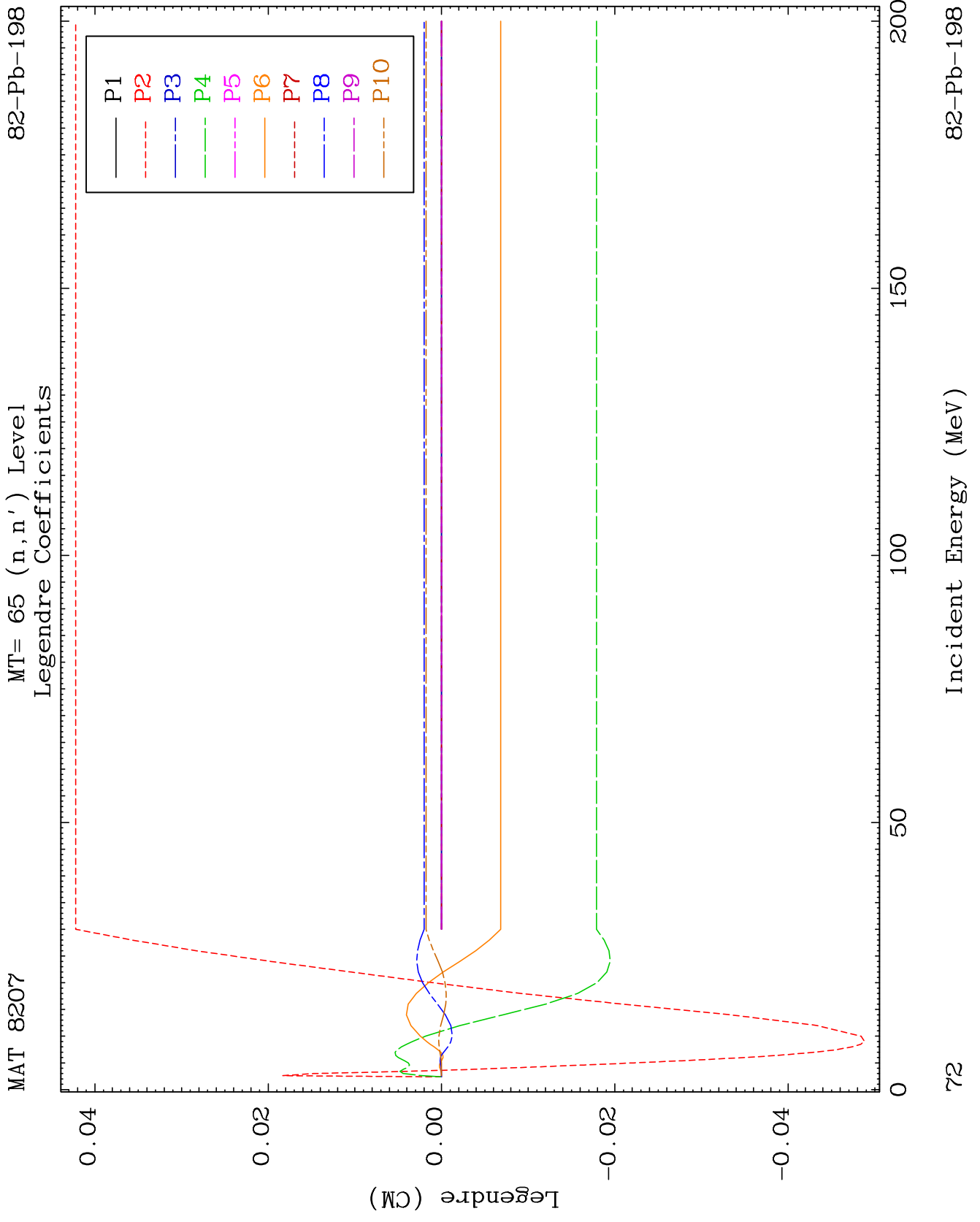
MT= 64 (n,n') Level  
Legendre Coefficients

82-Pb-198



71

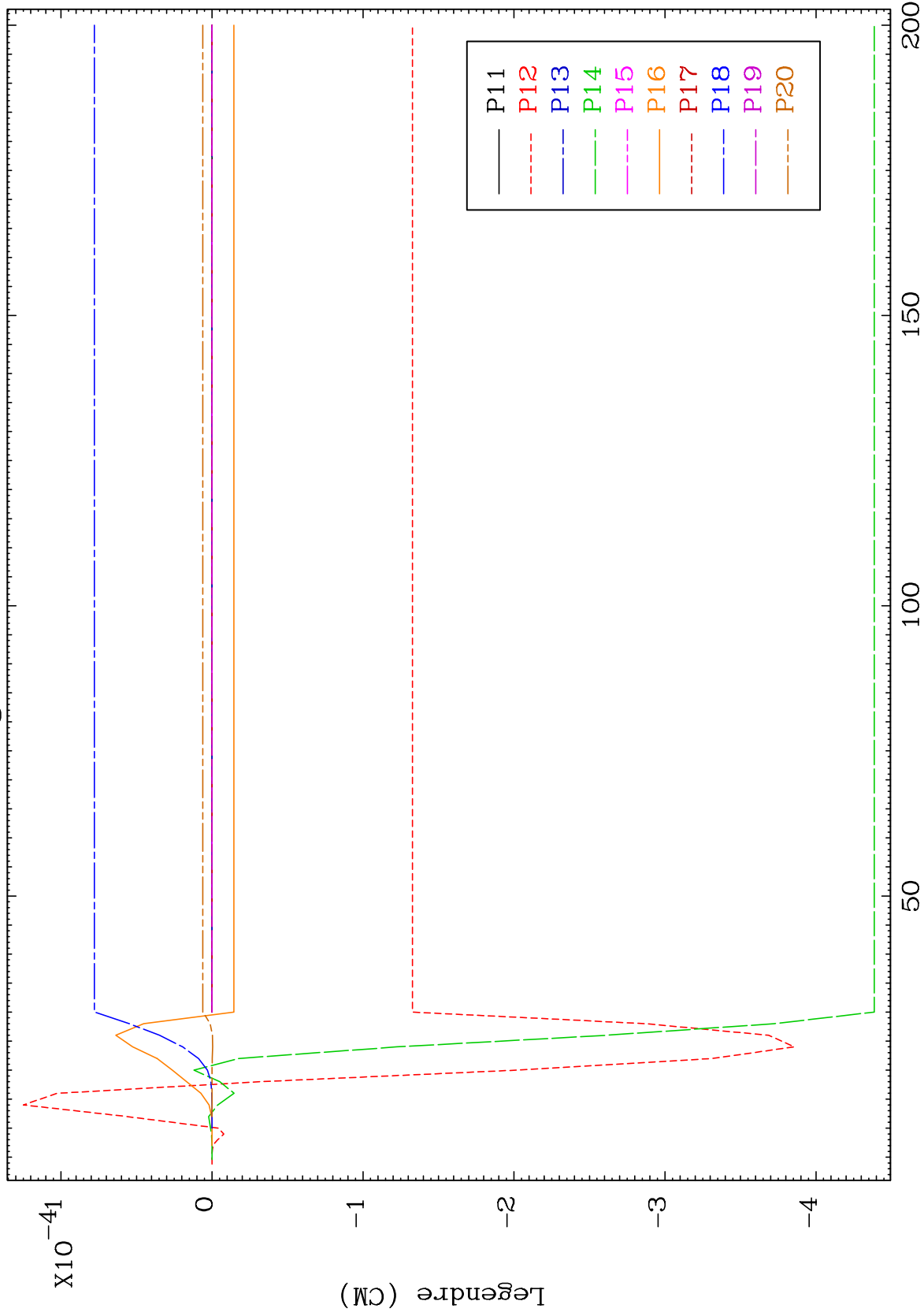




MAT 8207

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

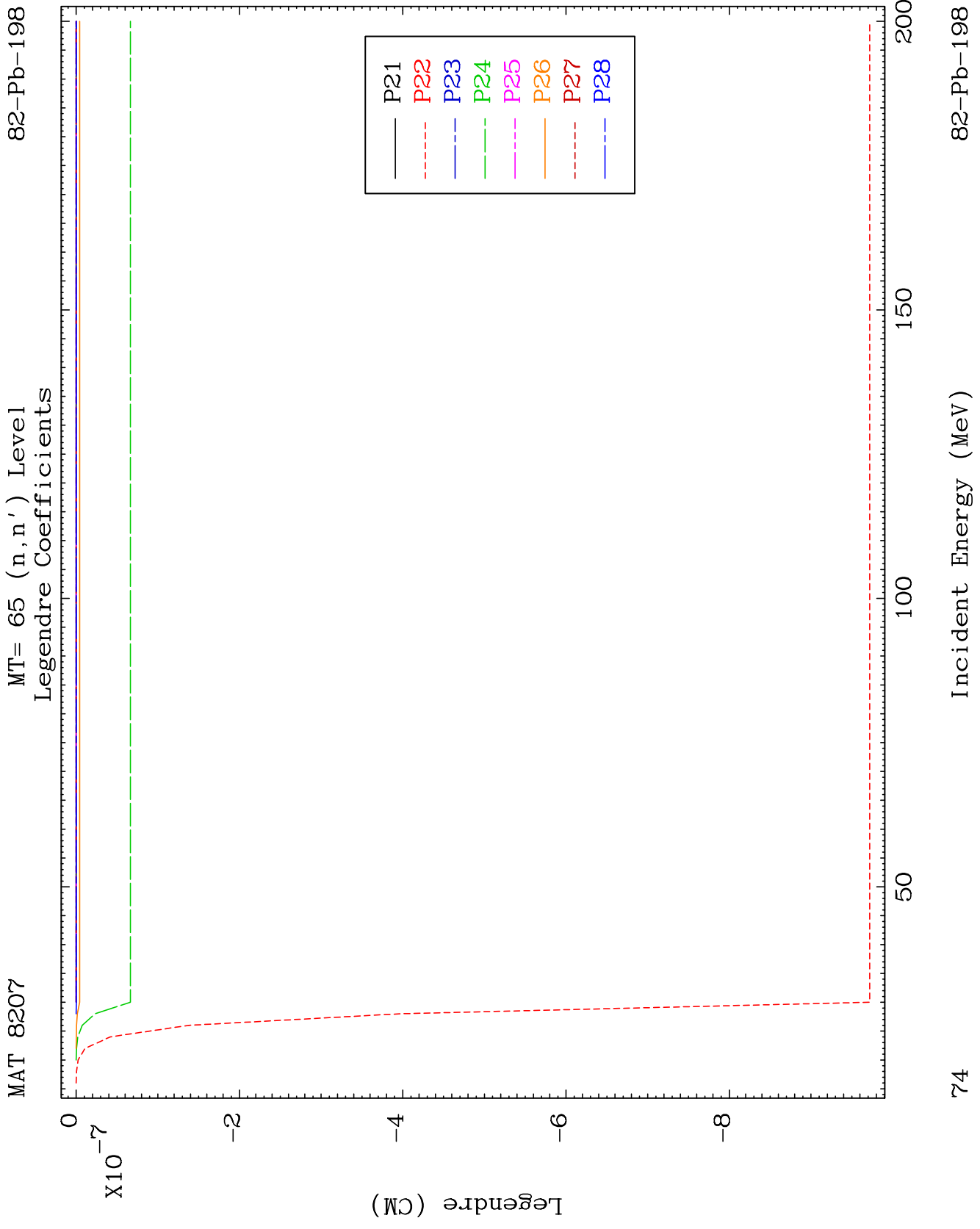
82-Pb-198



73

Incident Energy (MeV)

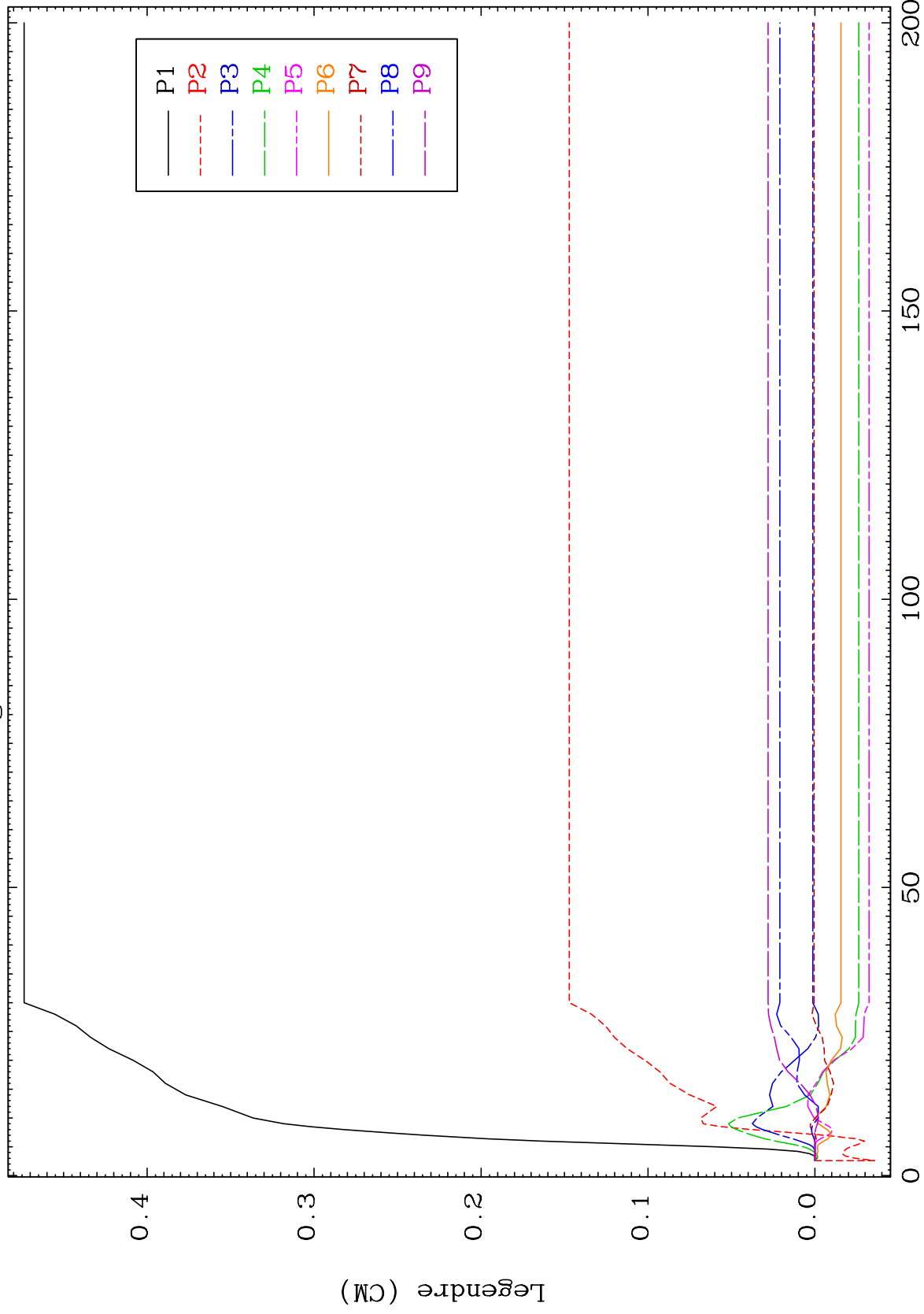
82-Pb-198



MAT 8207

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

82-Pb-198



75

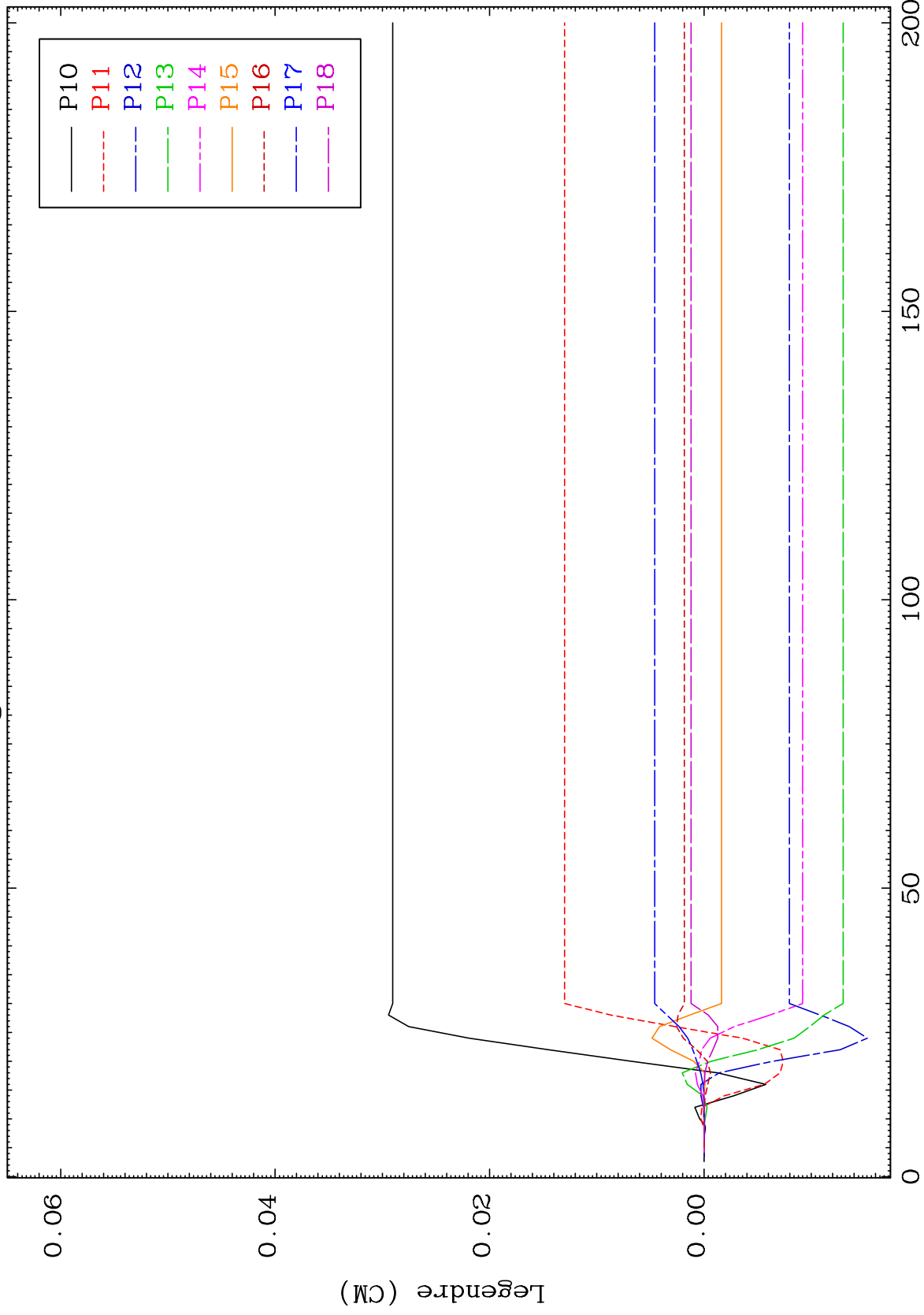
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

82-Pb-198



76

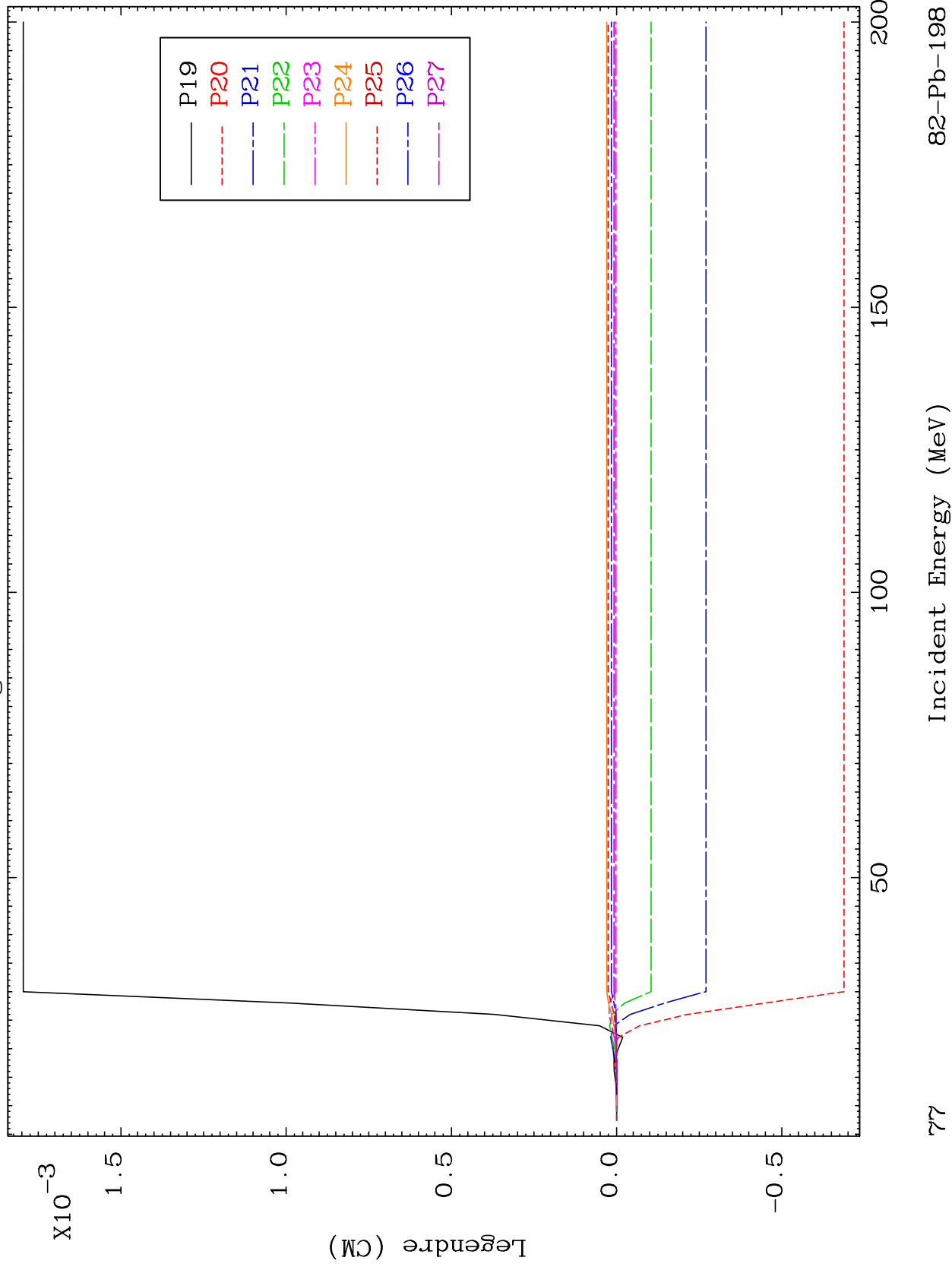
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

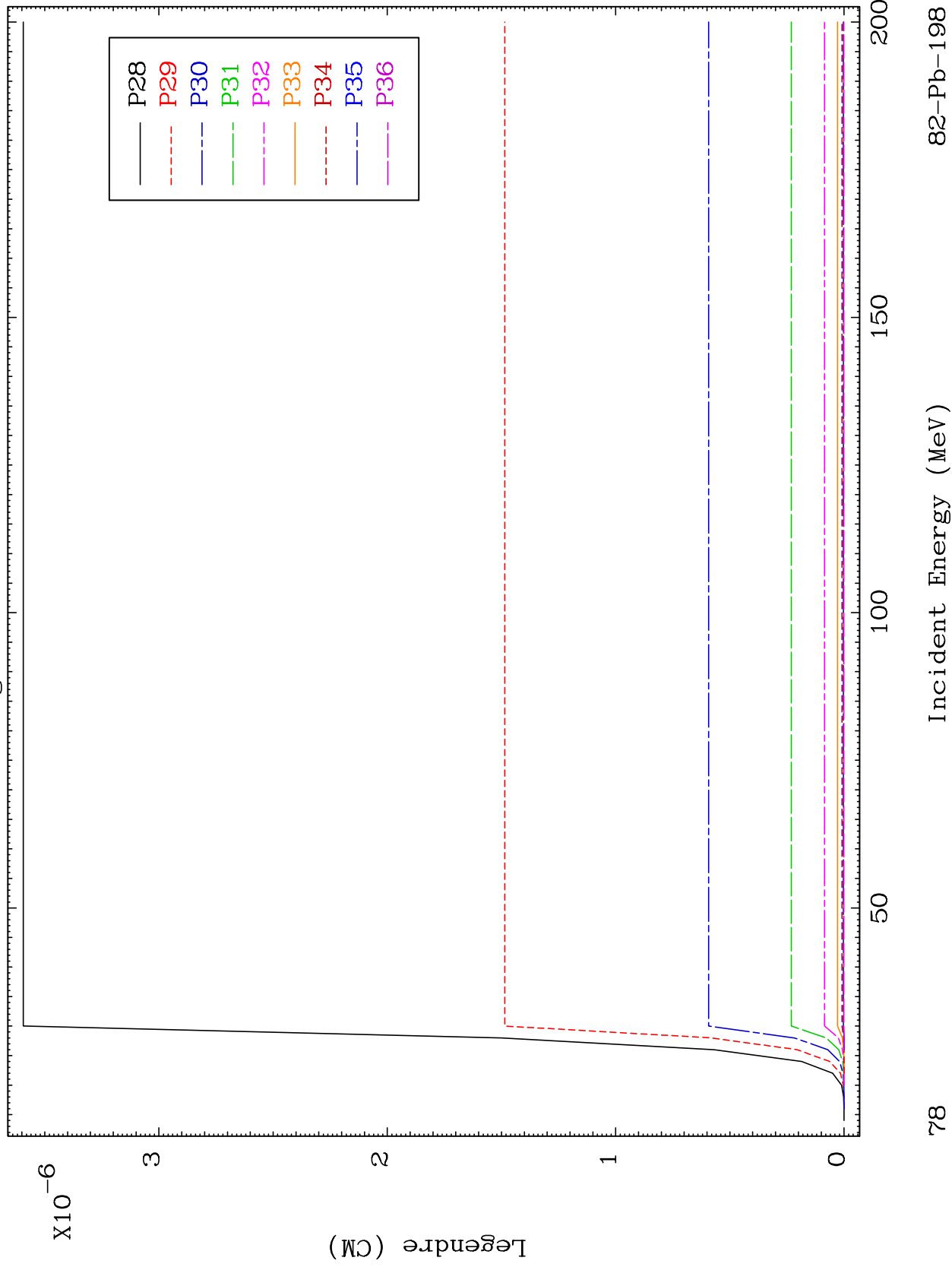
82-Pb-198



MAT 8207

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

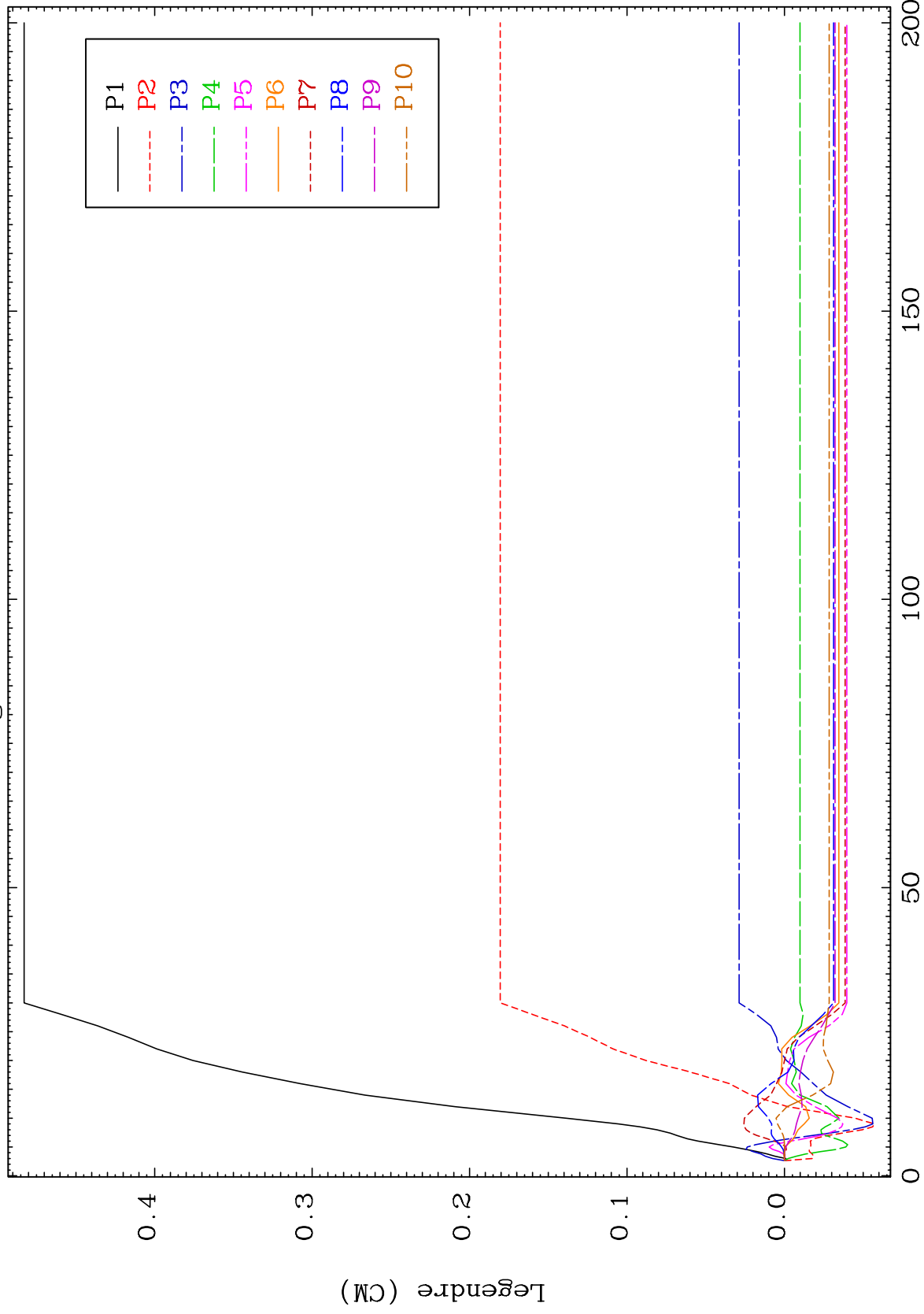
82-Pb-198



MAT 8207

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

82-Pb-198



79

Incident Energy (MeV)

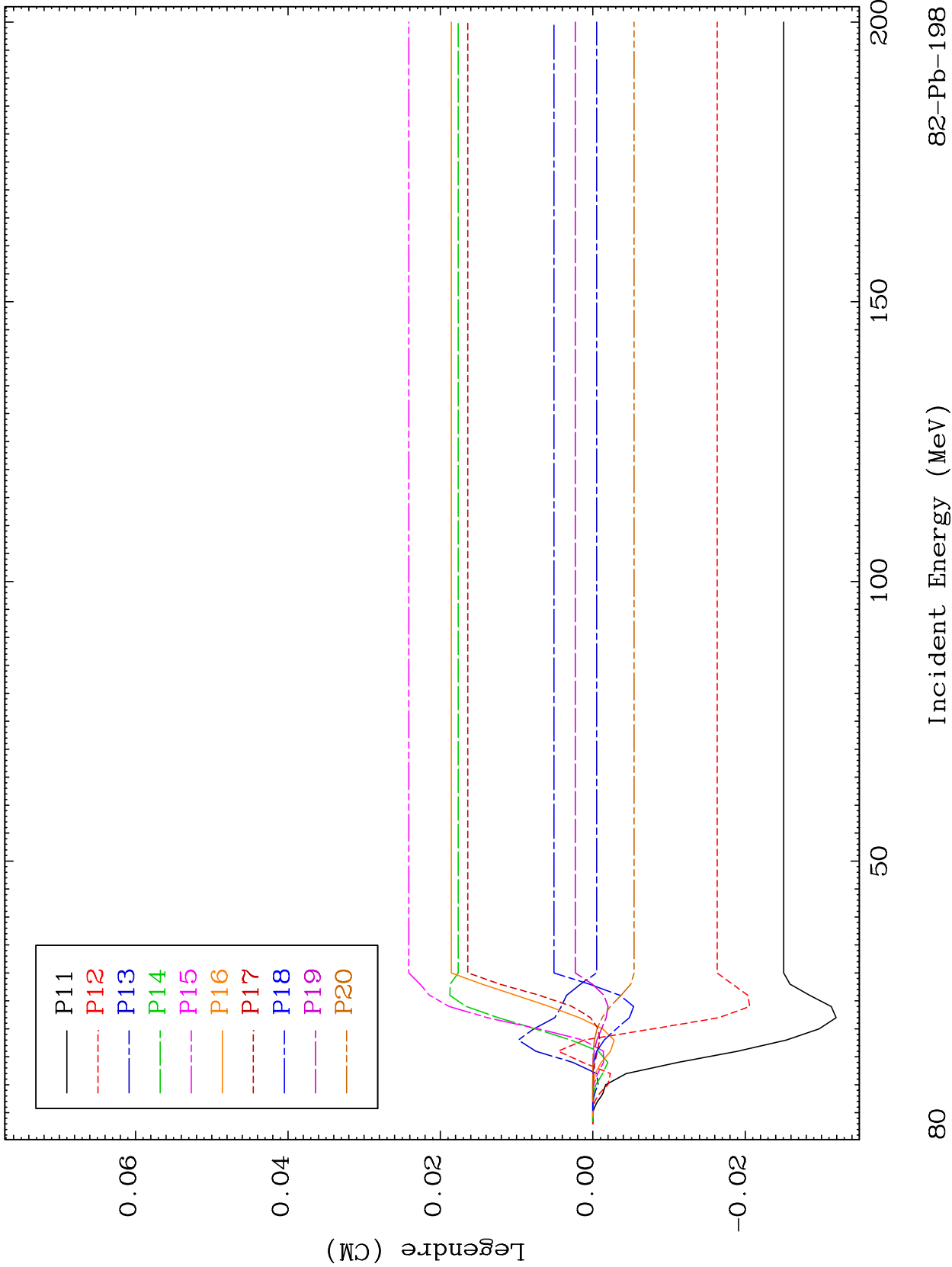
82-Pb-198



MAT 8207

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

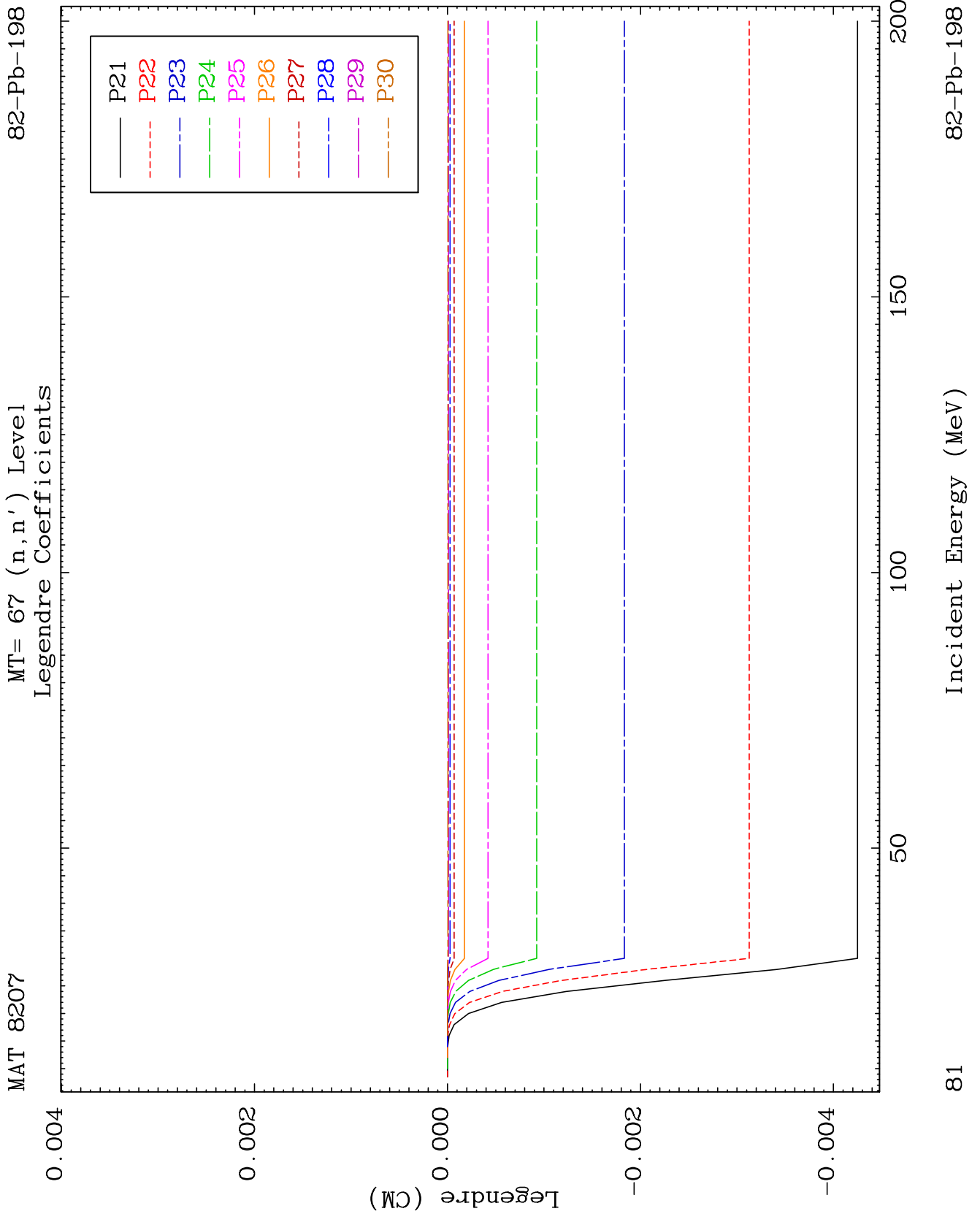
82-Pb-198



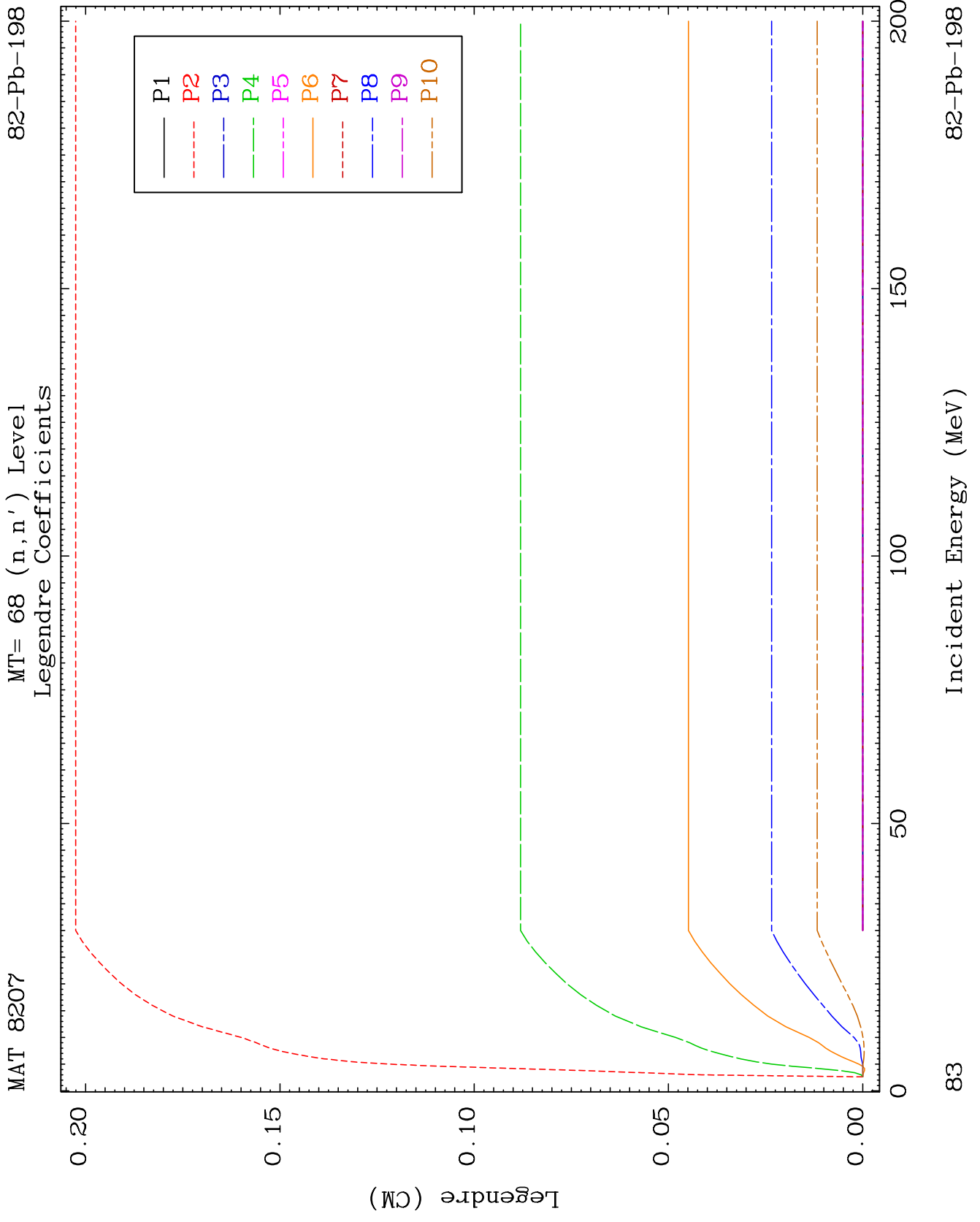
80

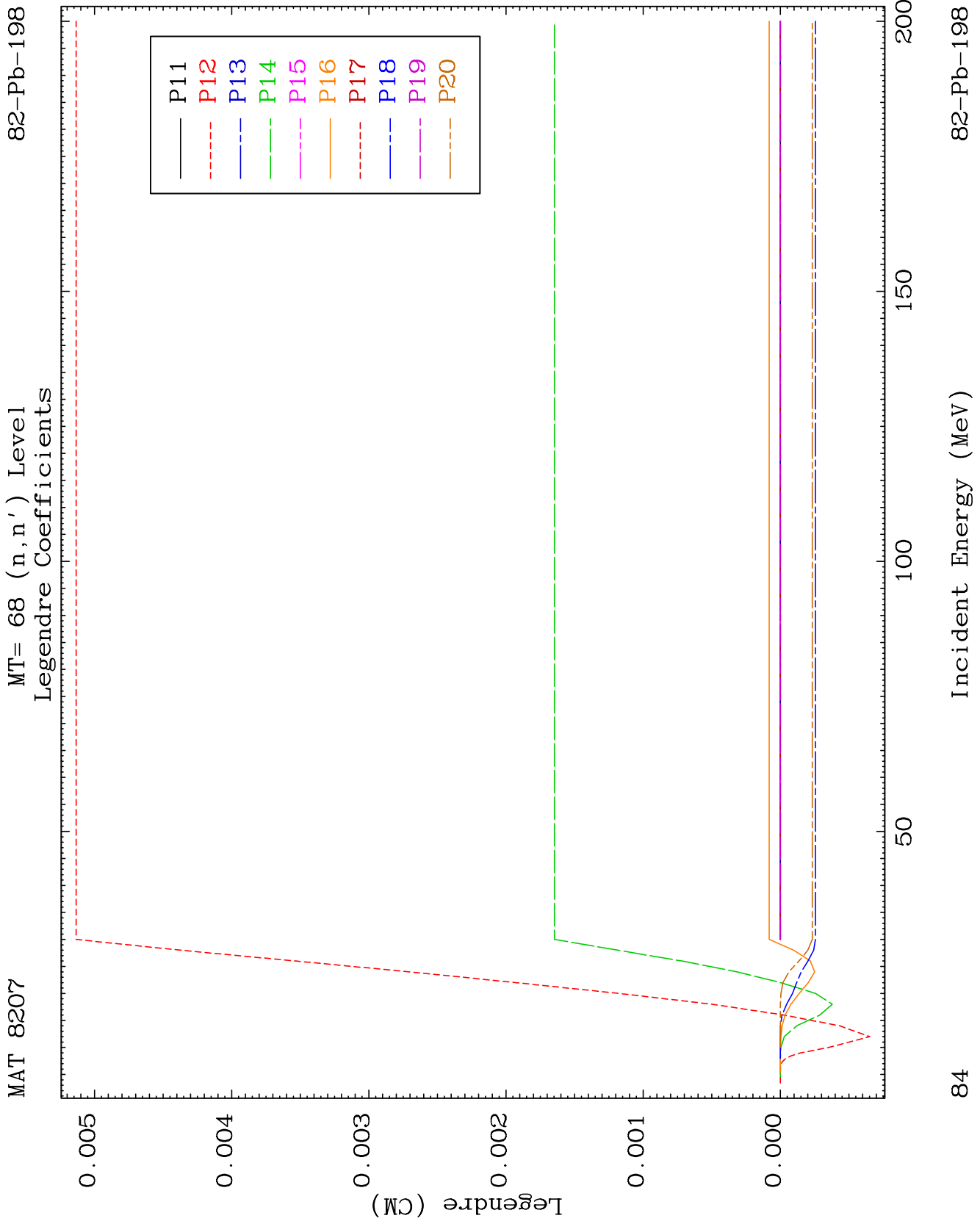
Incident Energy (MeV)

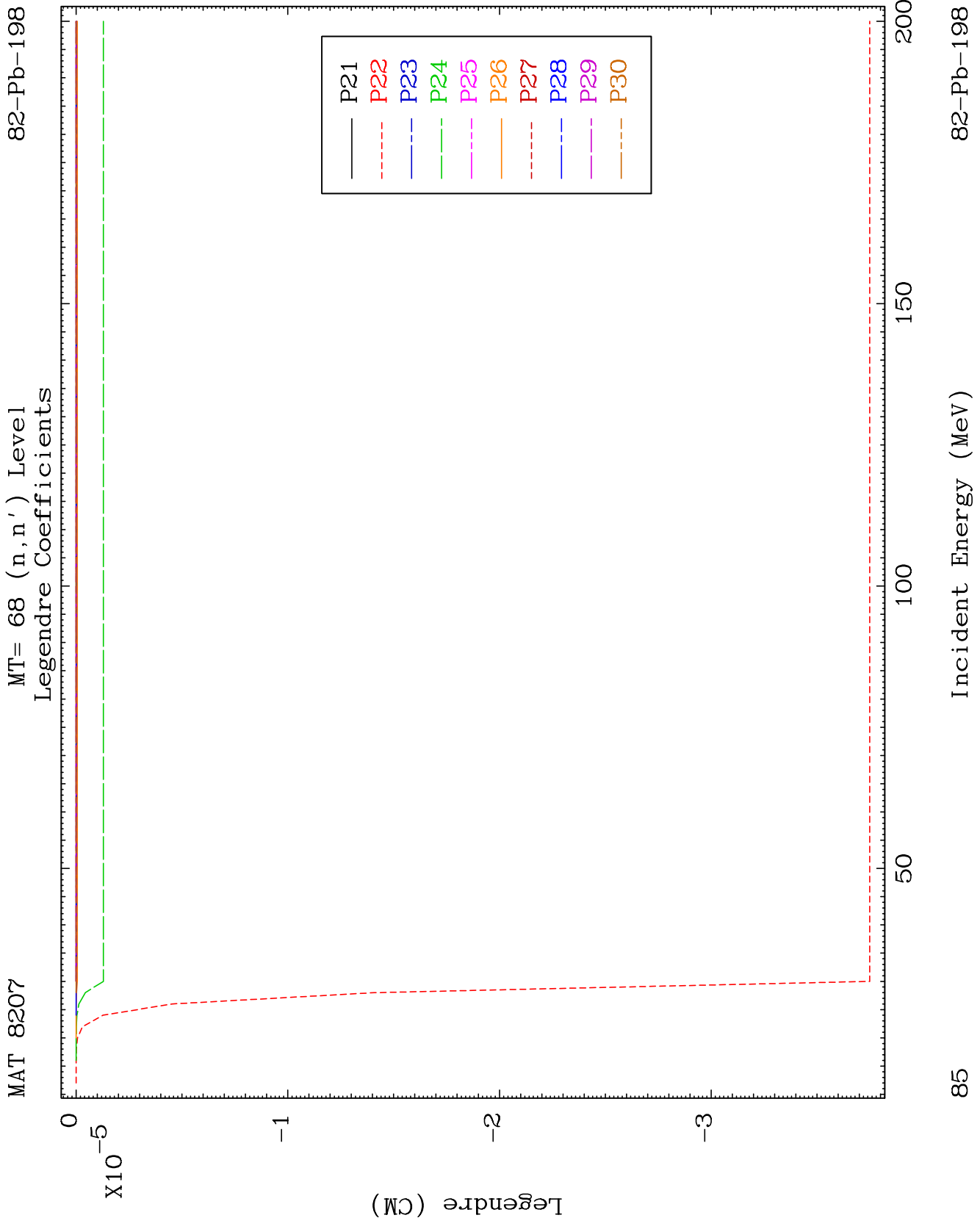
82-Pb-198









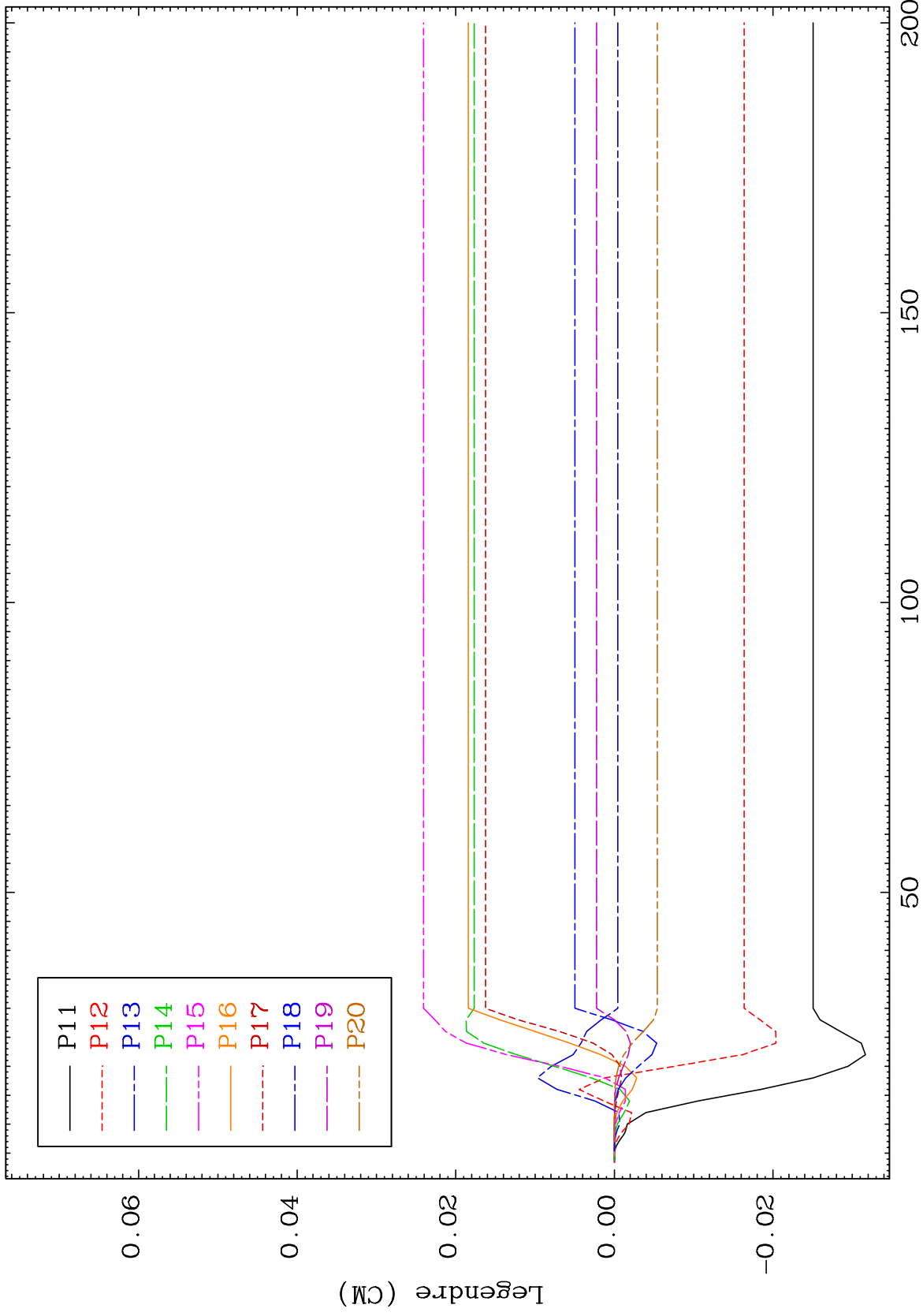




MAT 8207

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

82-Pb-198



87

Incident Energy (MeV)

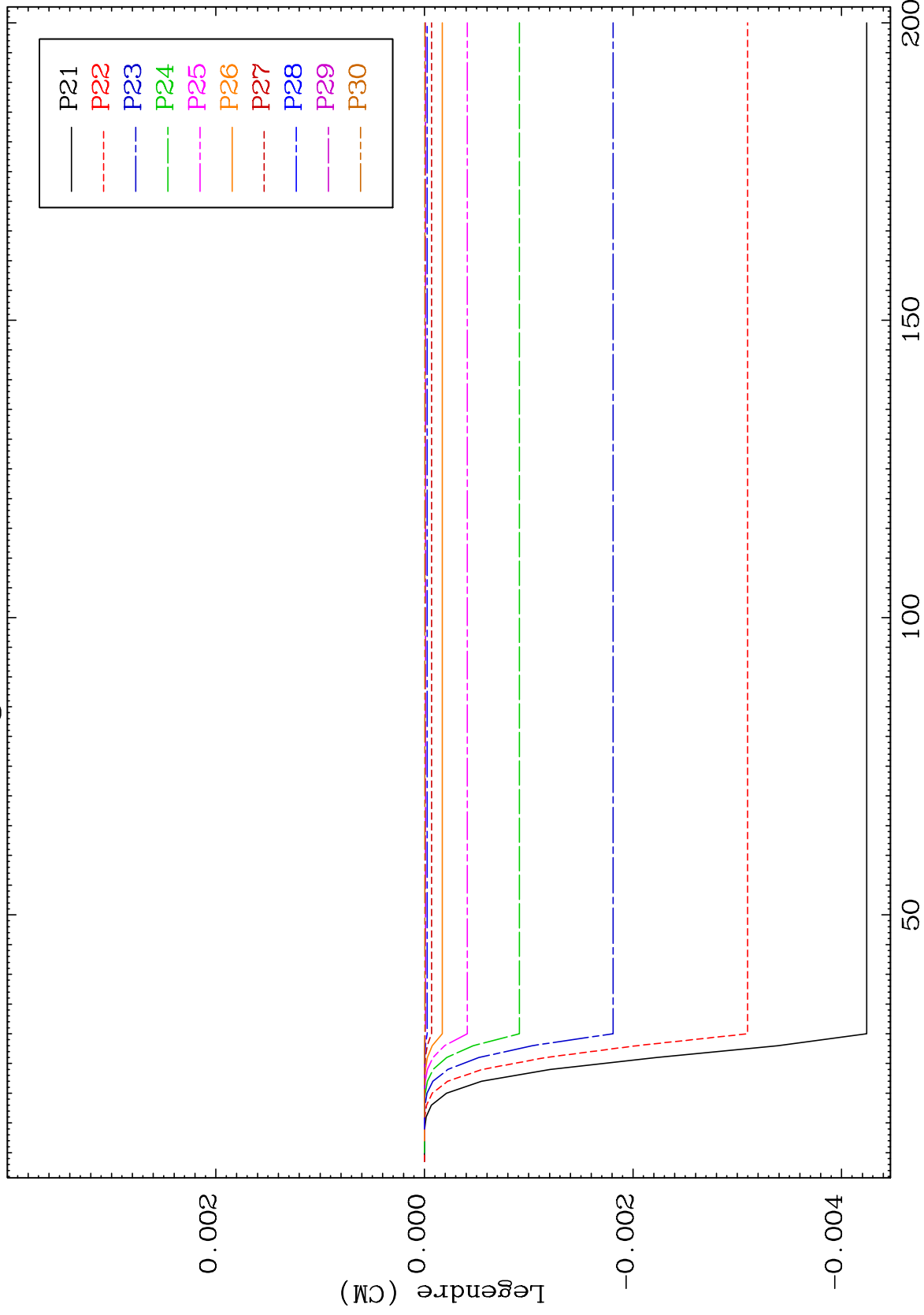
82-Pb-198



MAT 8207

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

82-Pb-198



88

Incident Energy (MeV)

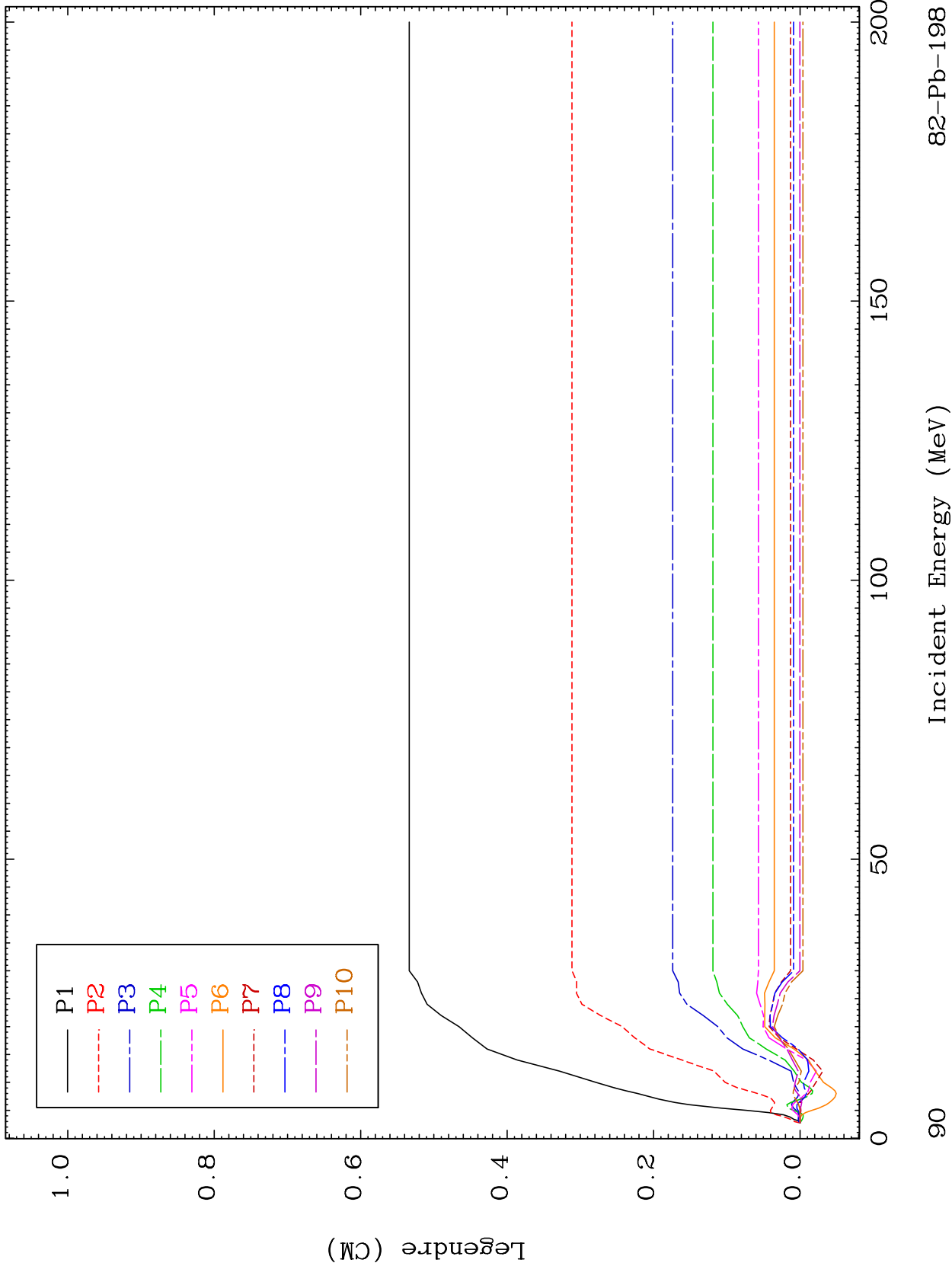
82-Pb-198



MAT 8207

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

82-Pb-198



82-Pb-198

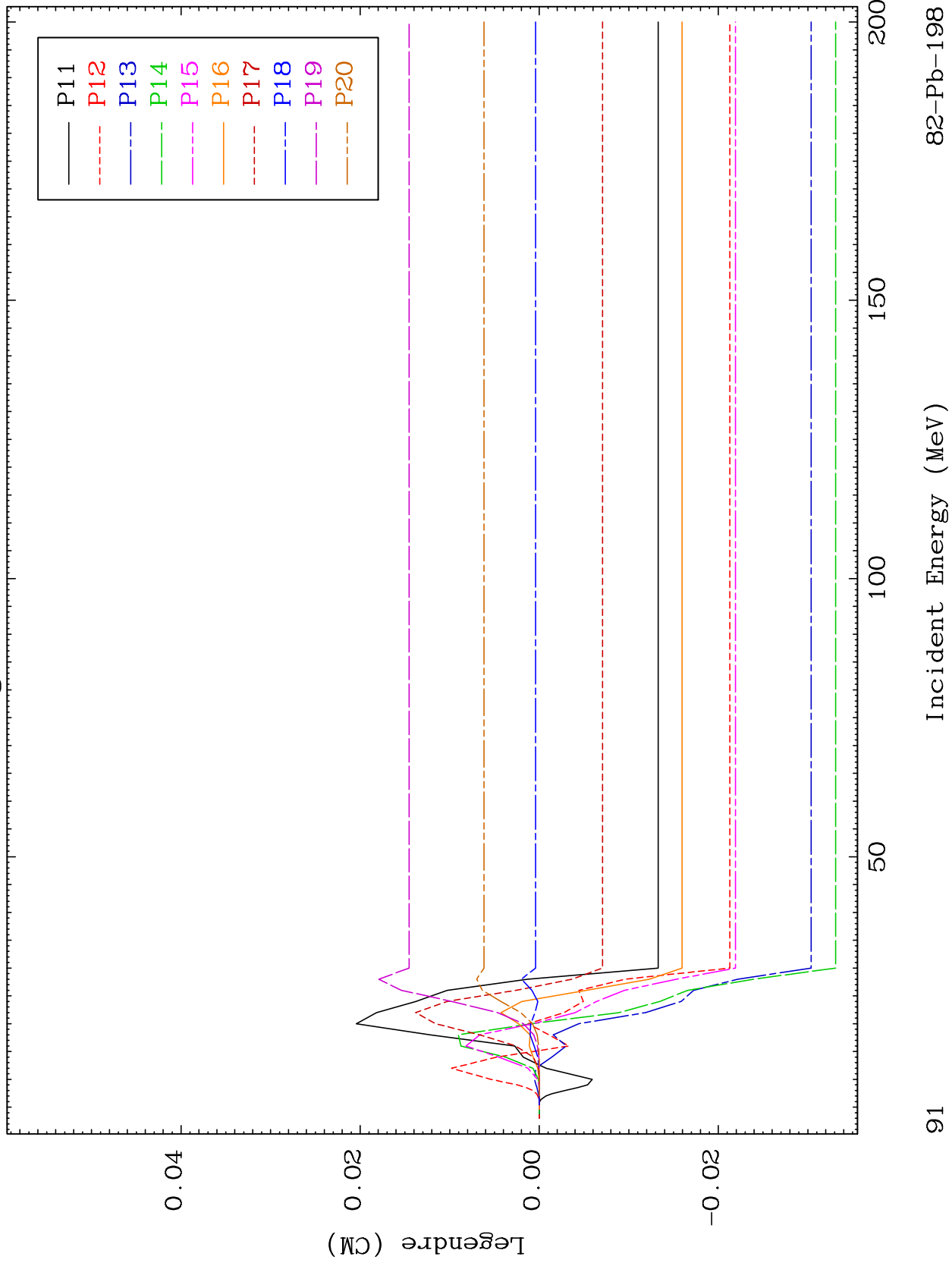
Incident Energy (MeV)

90

MAT 8207

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

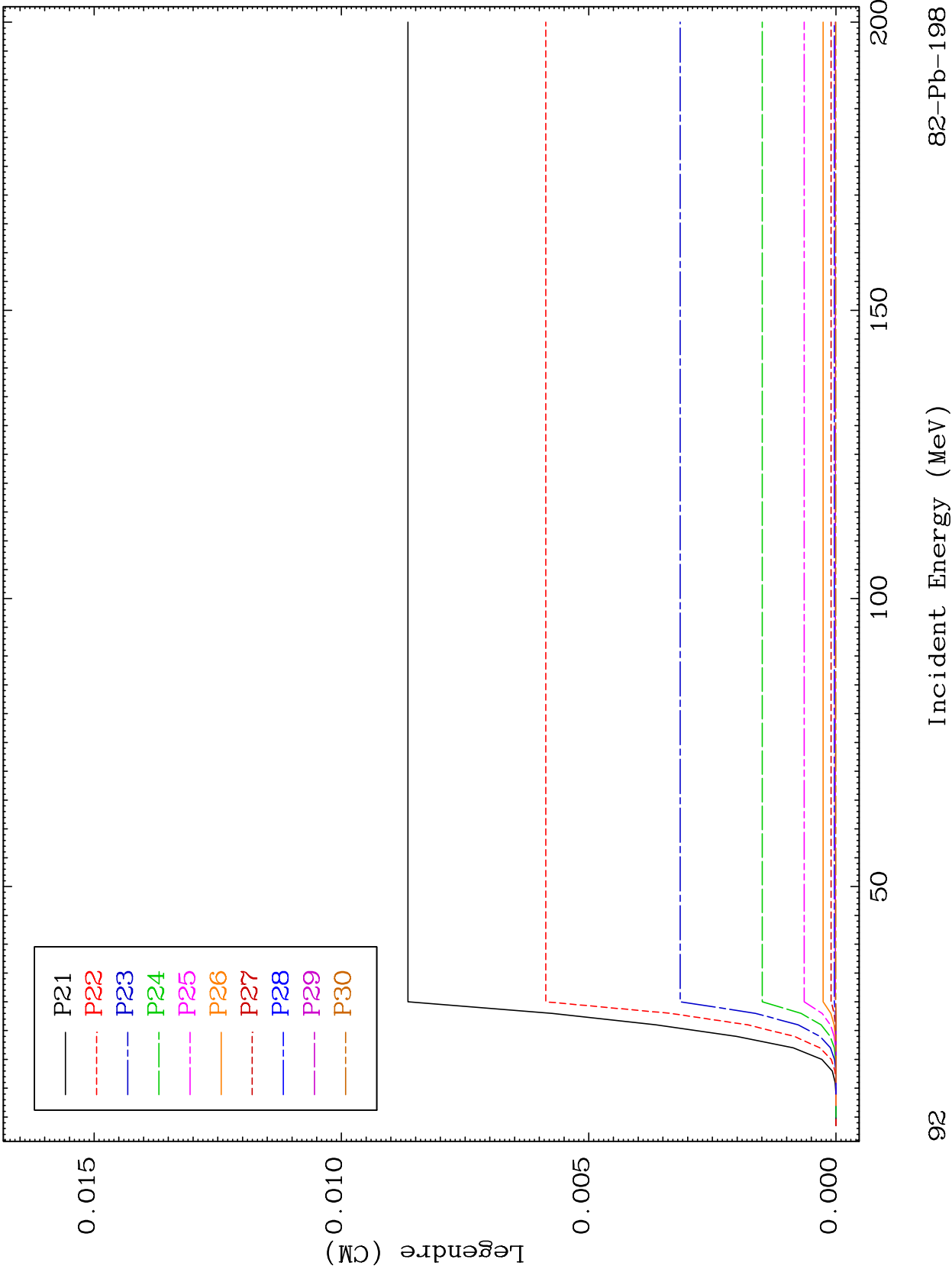
82-Pb-198



MAT 8207

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

82-Pb-198



92

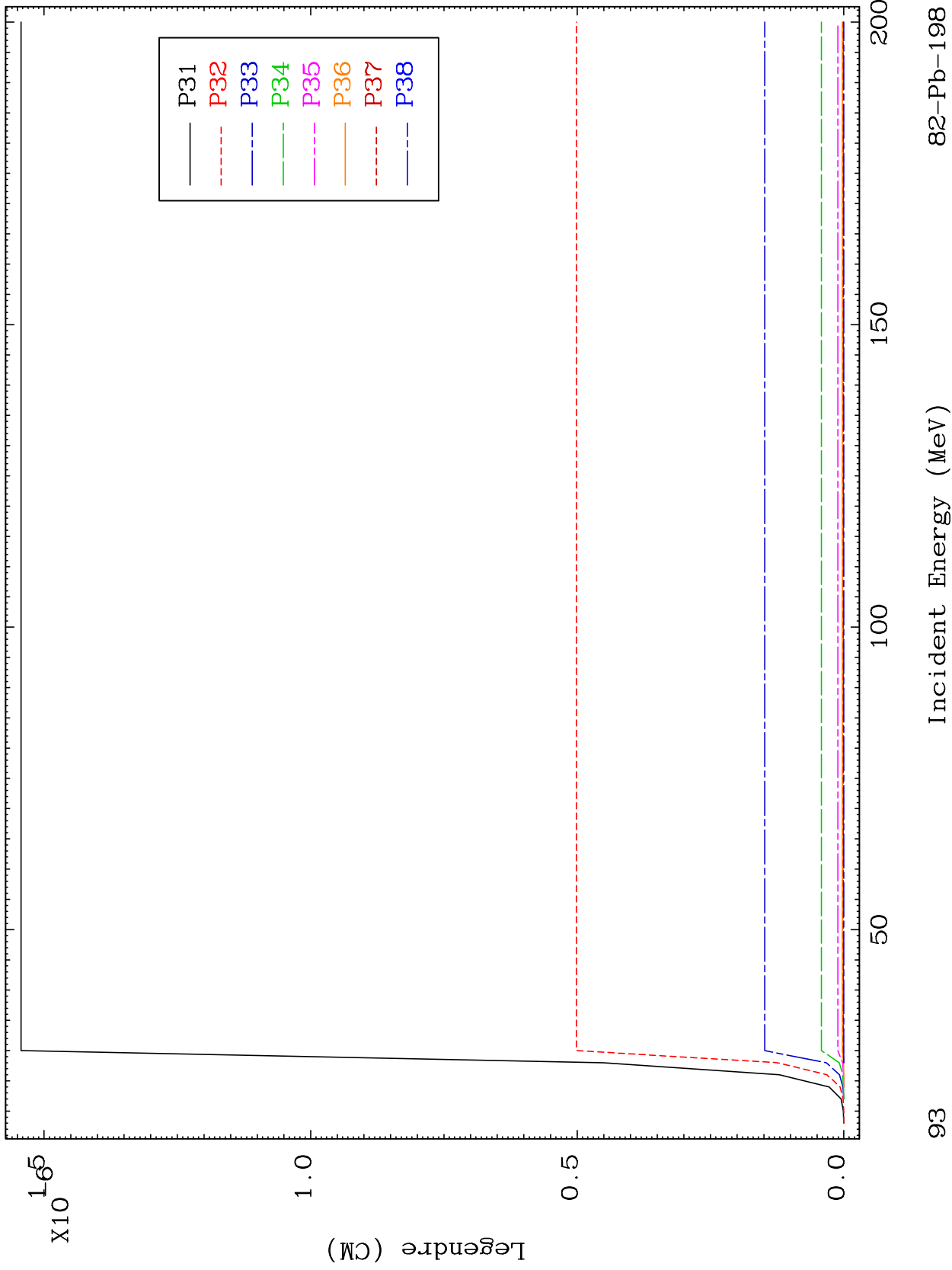
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

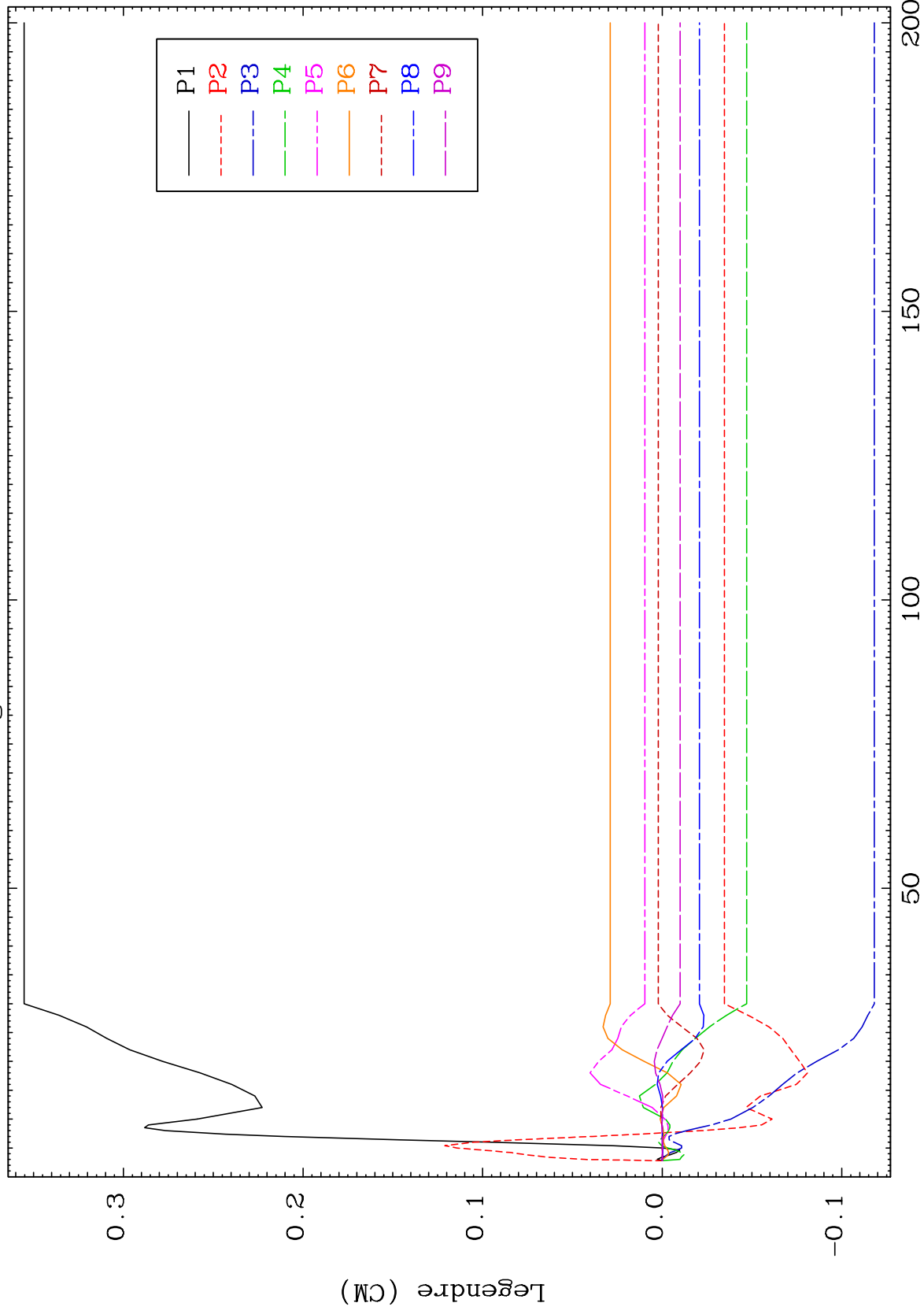
82-Pb-198



MAT 8207

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

82-Pb-198



94

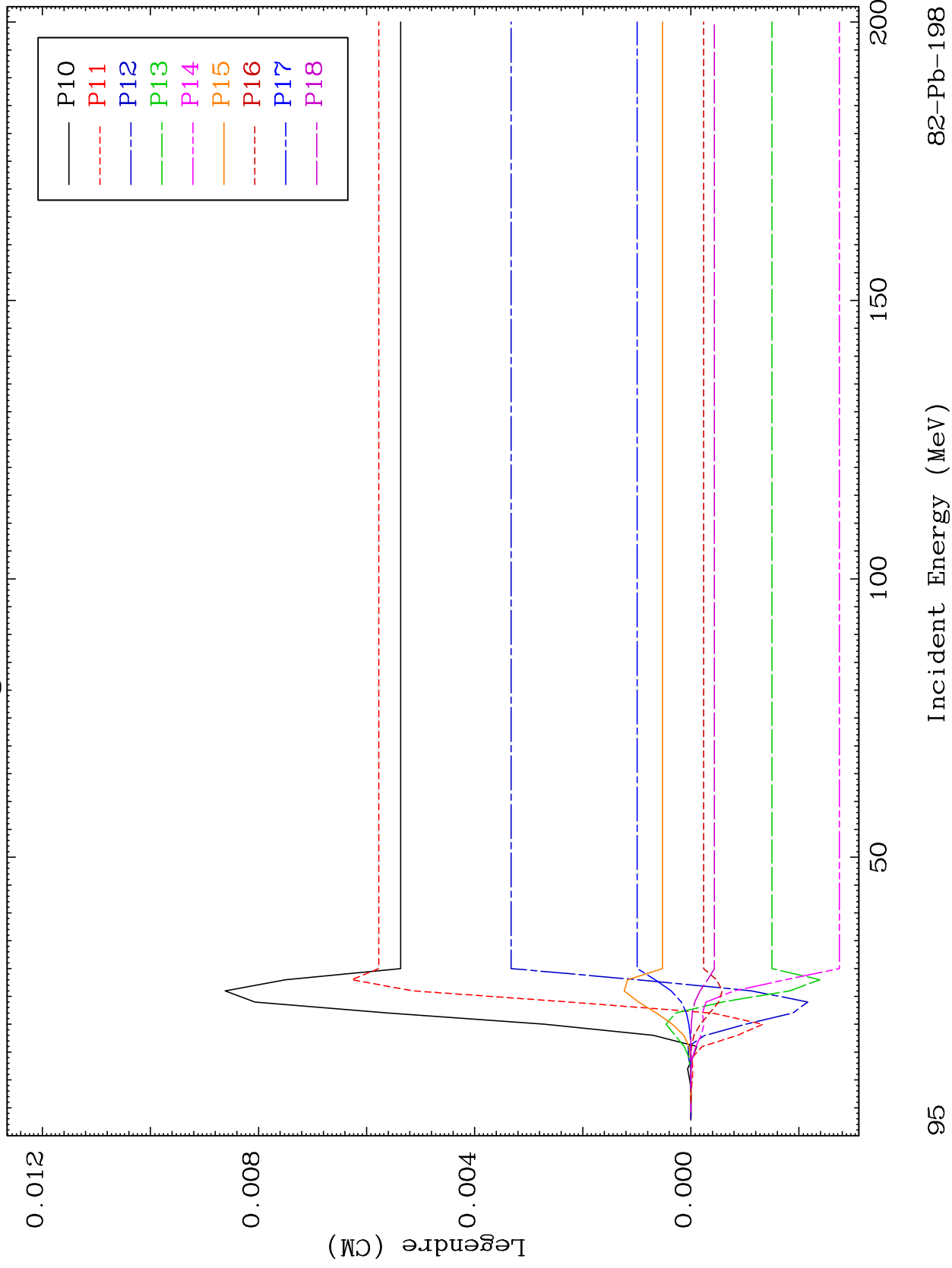
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

82-Pb-198



95

Incident Energy (MeV)

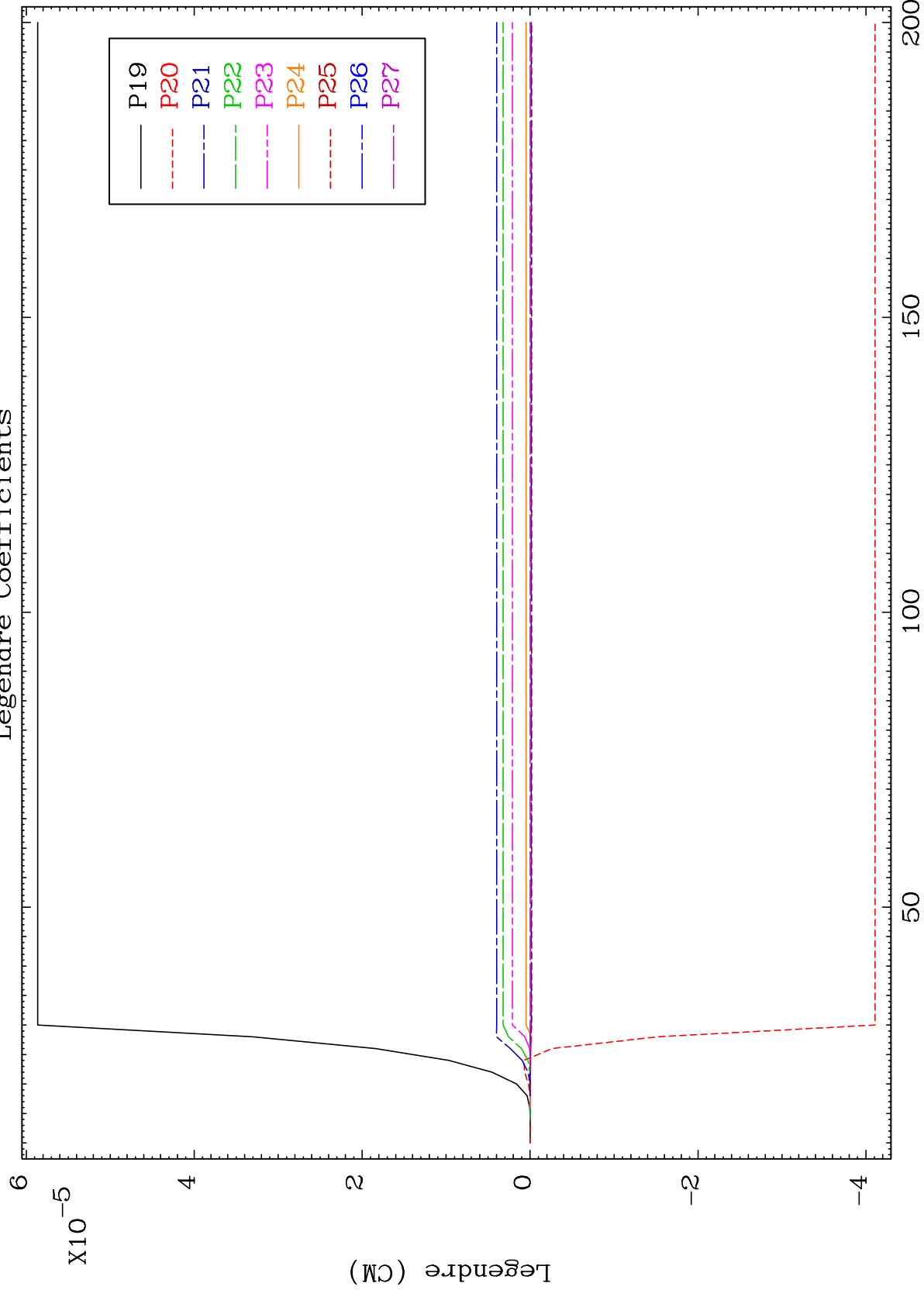
82-Pb-198



MAT 8207

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

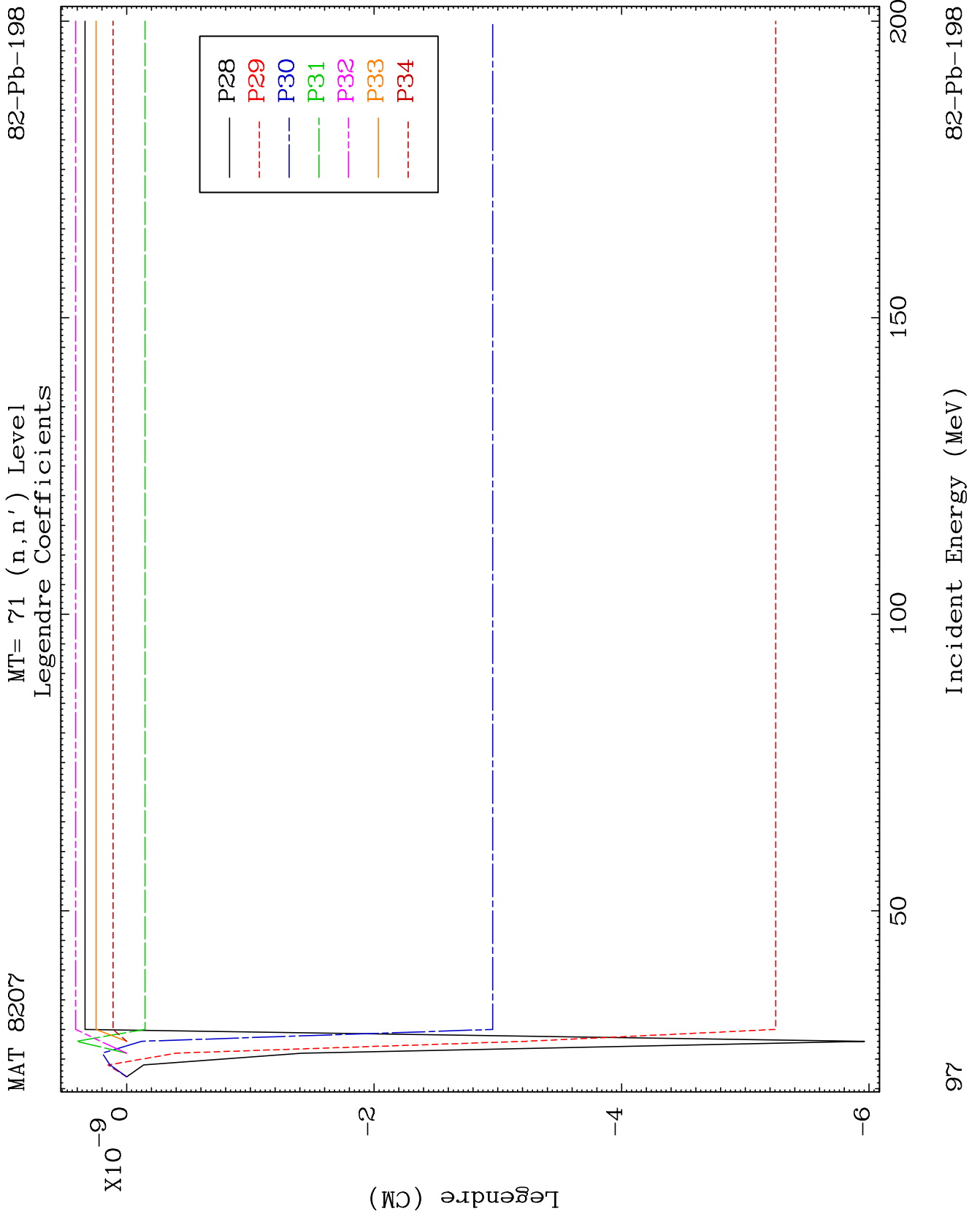
82-Pb-198



96

Incident Energy (MeV)

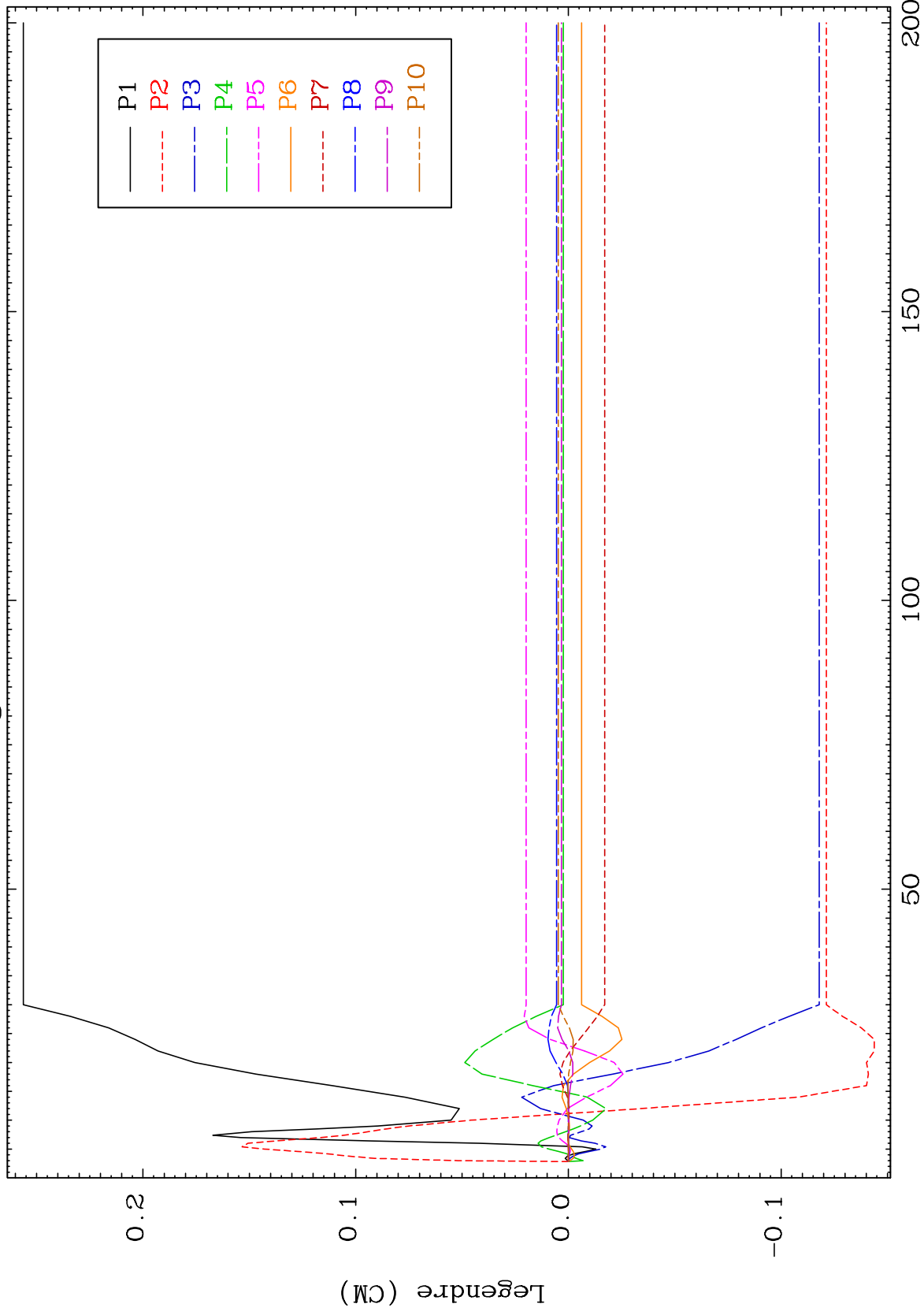
82-Pb-198



MAT 8207

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

82-Pb-198



98

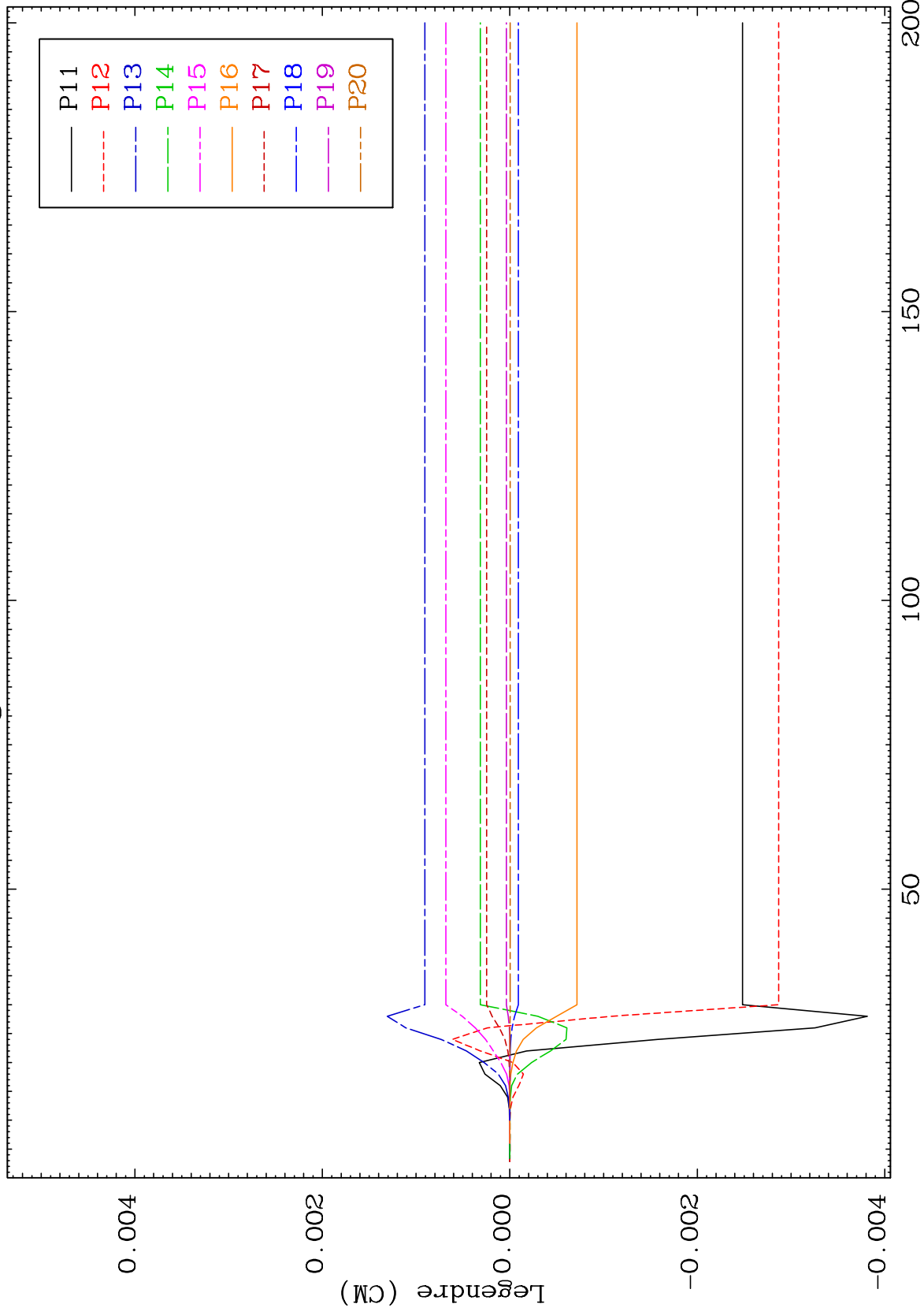
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

82-Pb-198



99

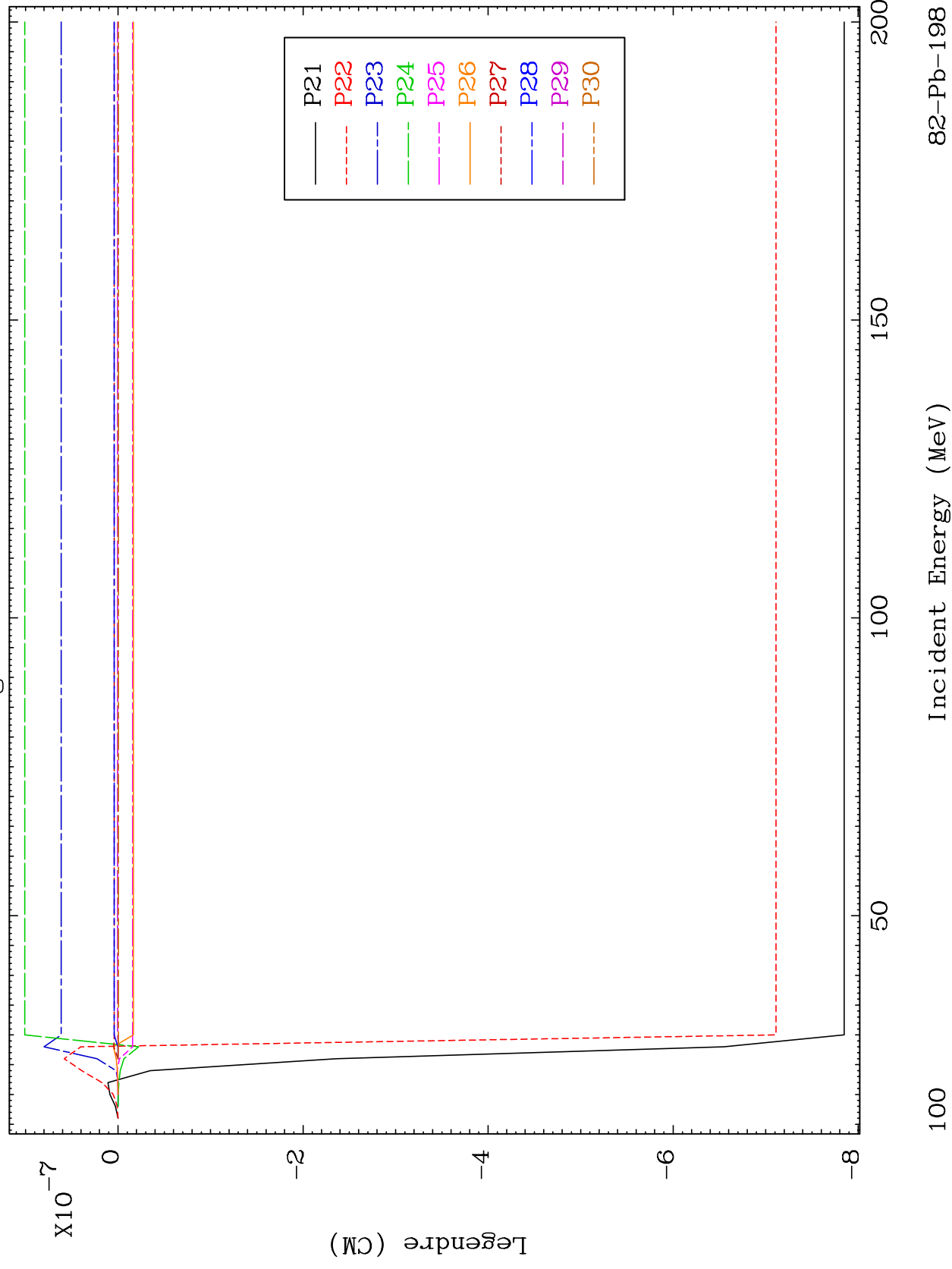
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

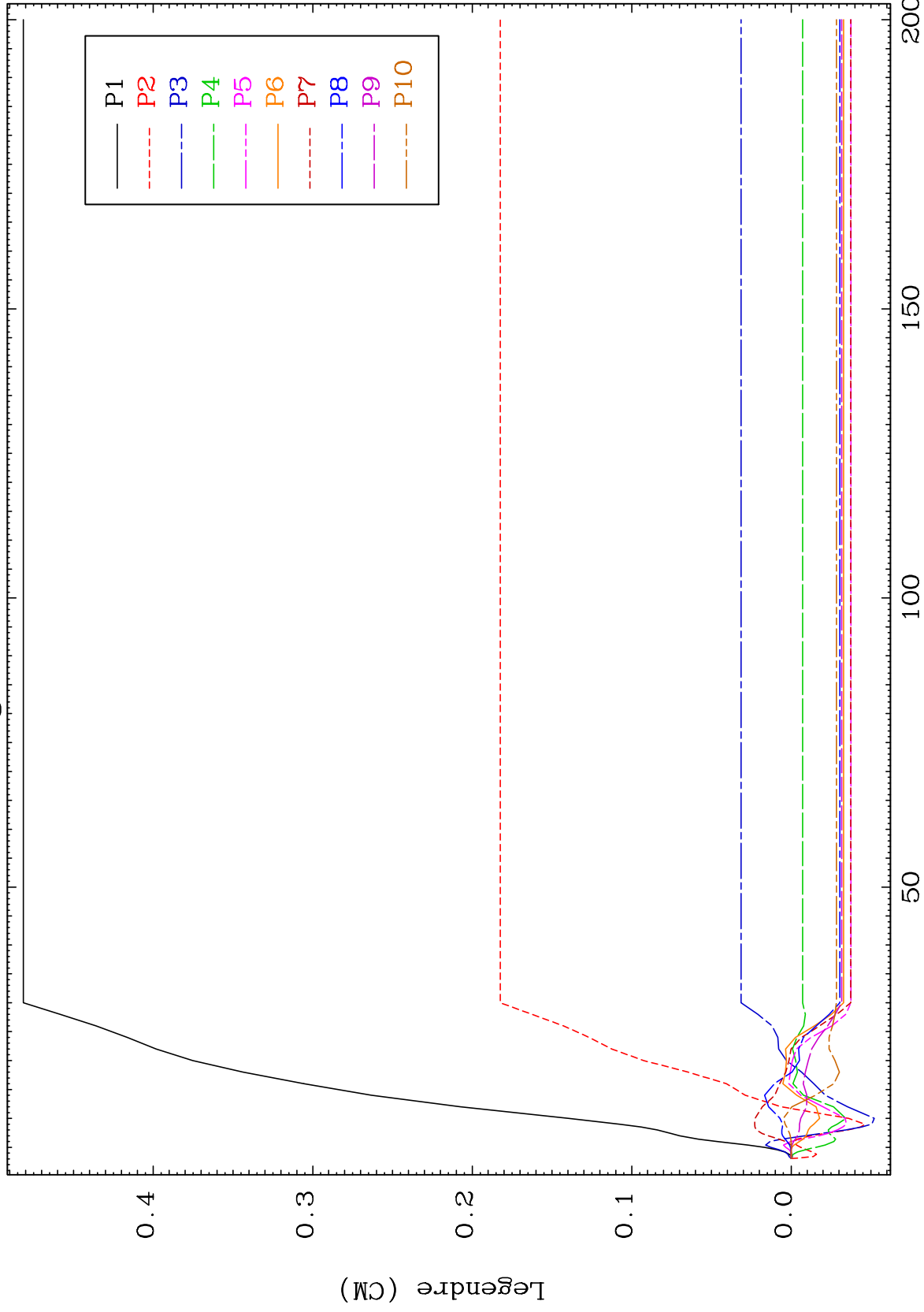
82-Pb-198



MAT 8207

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

82-Pb-198



101

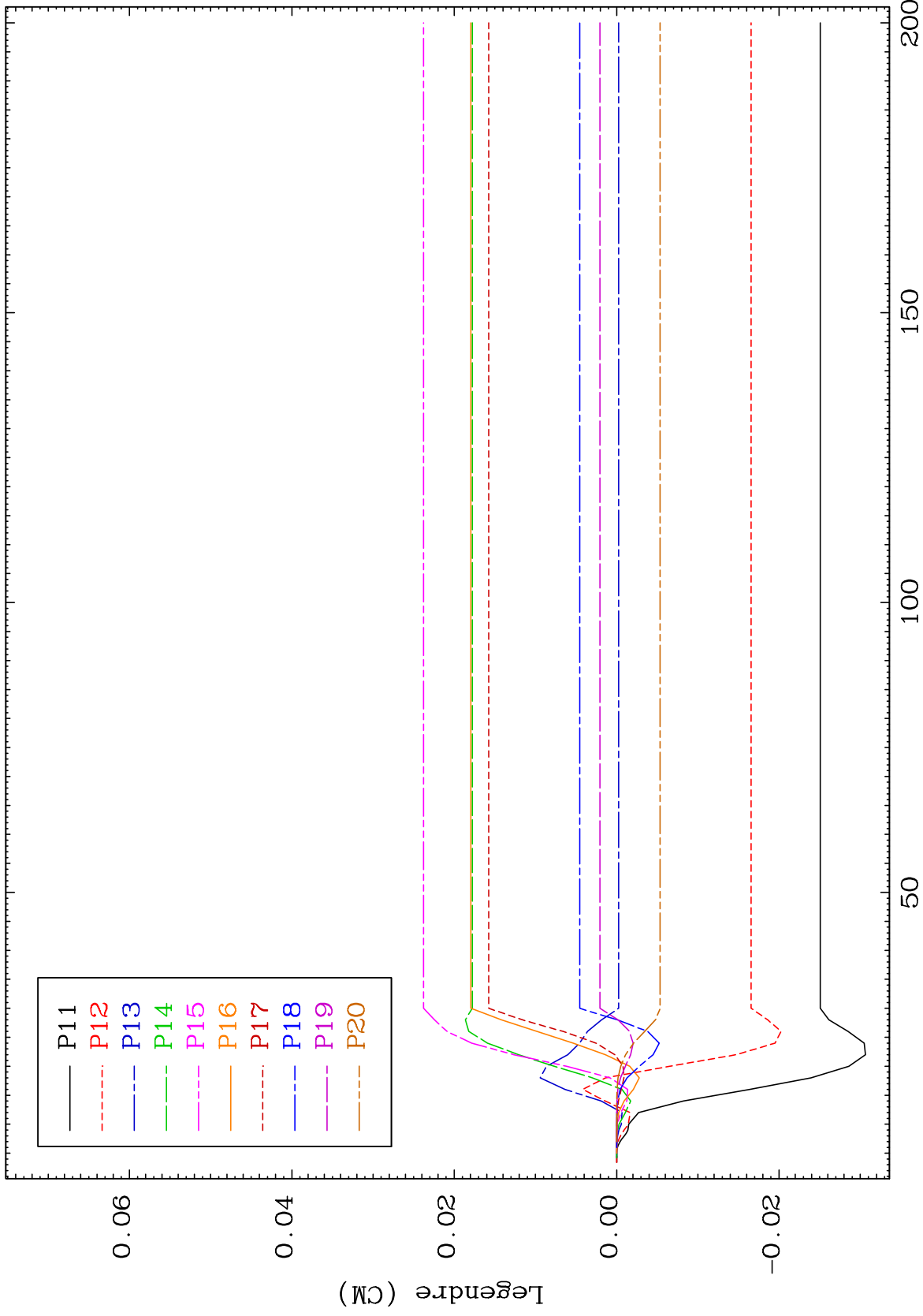
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

82-Pb-198



102

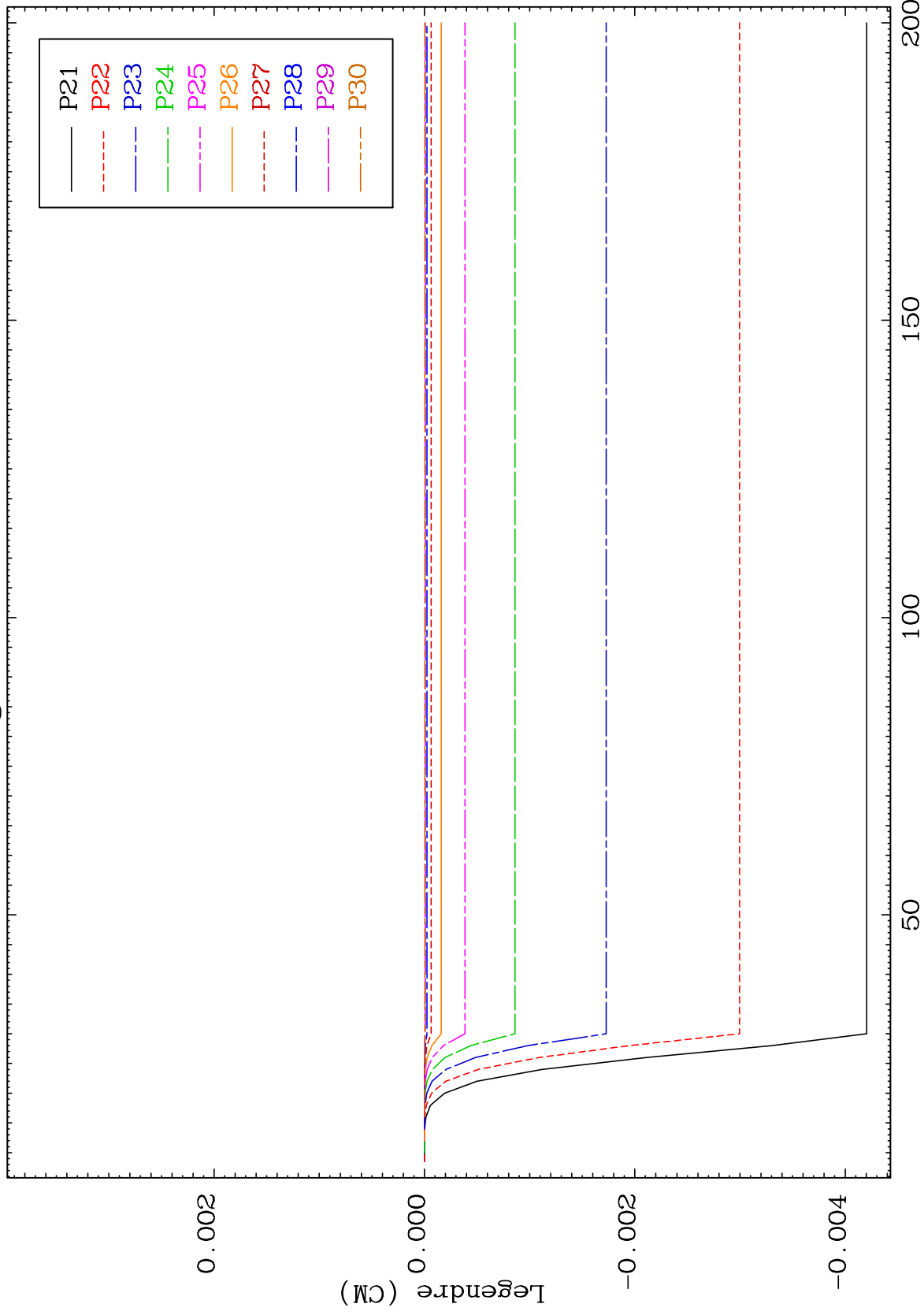
Incident Energy (MeV)

82-Pb-198

MAT 8207

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

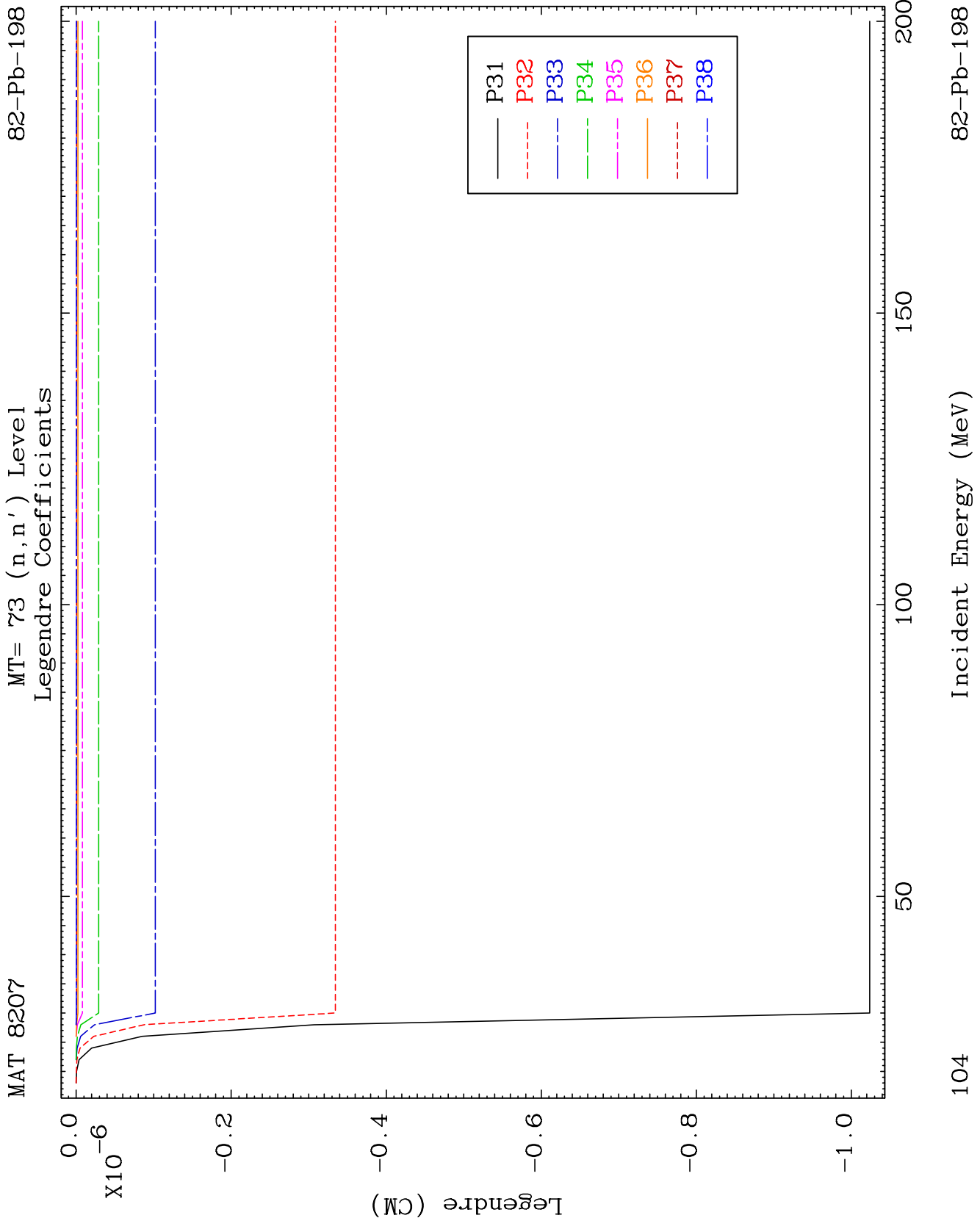
82-Pb-198



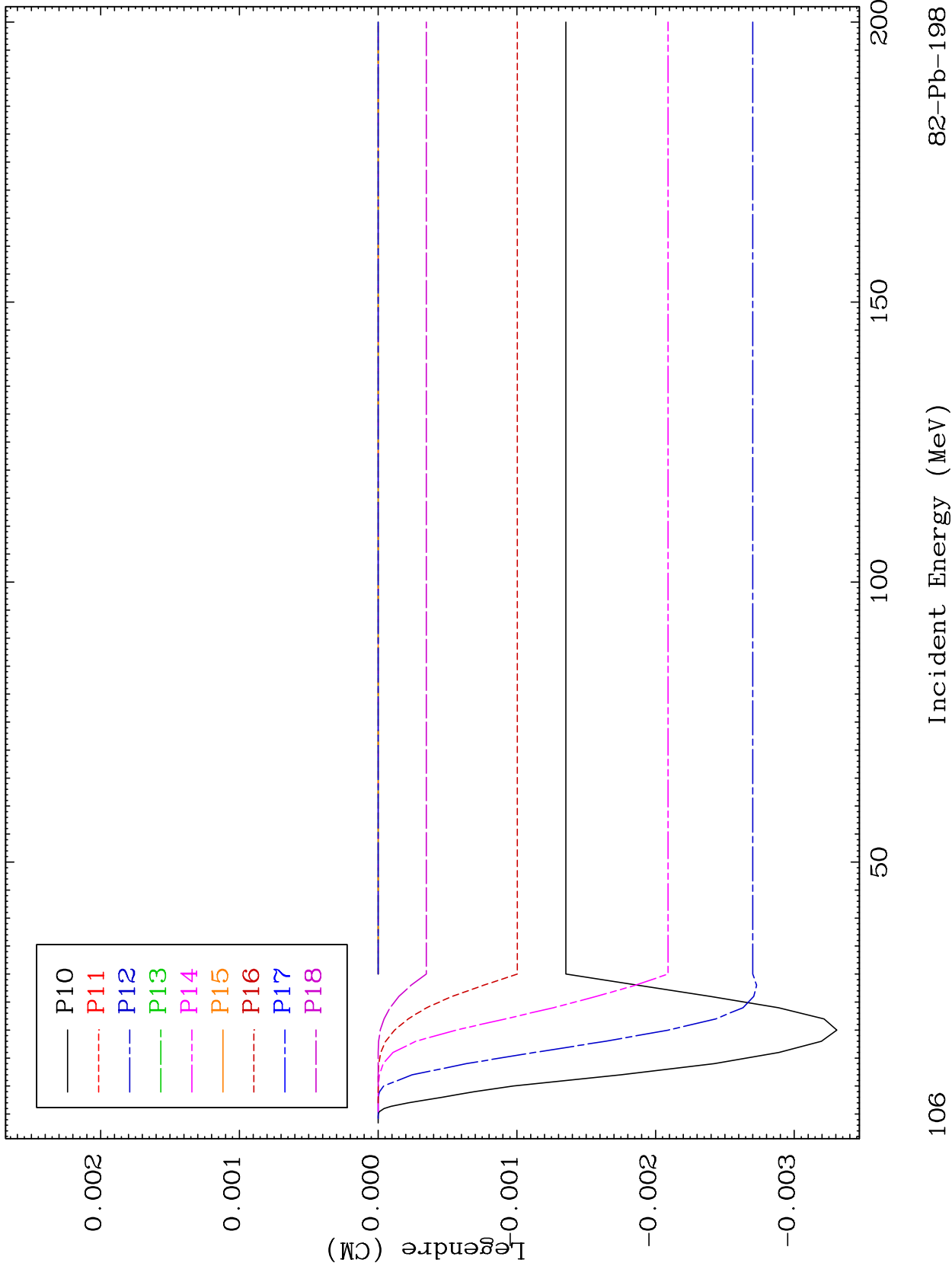
103

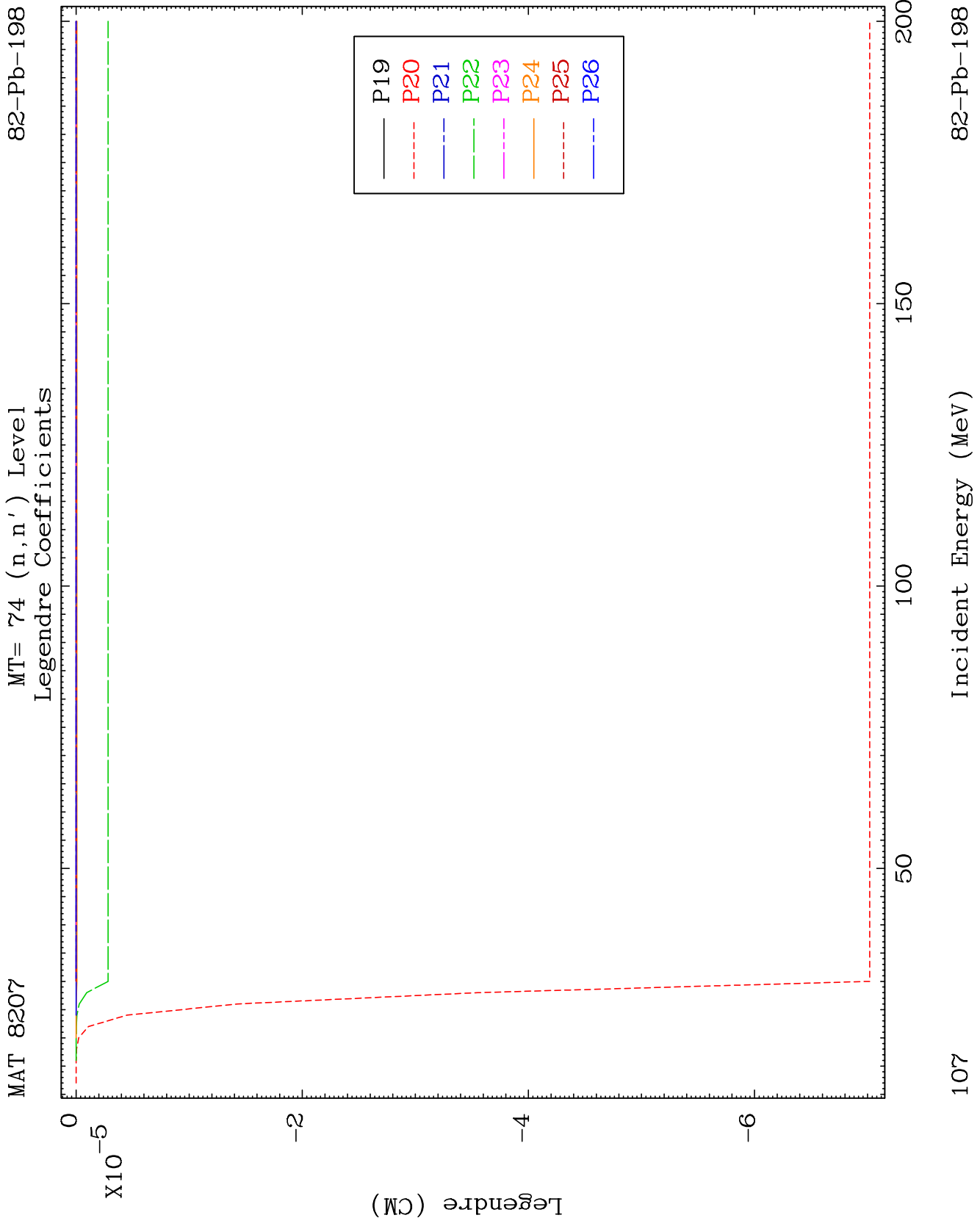
82-Pb-198







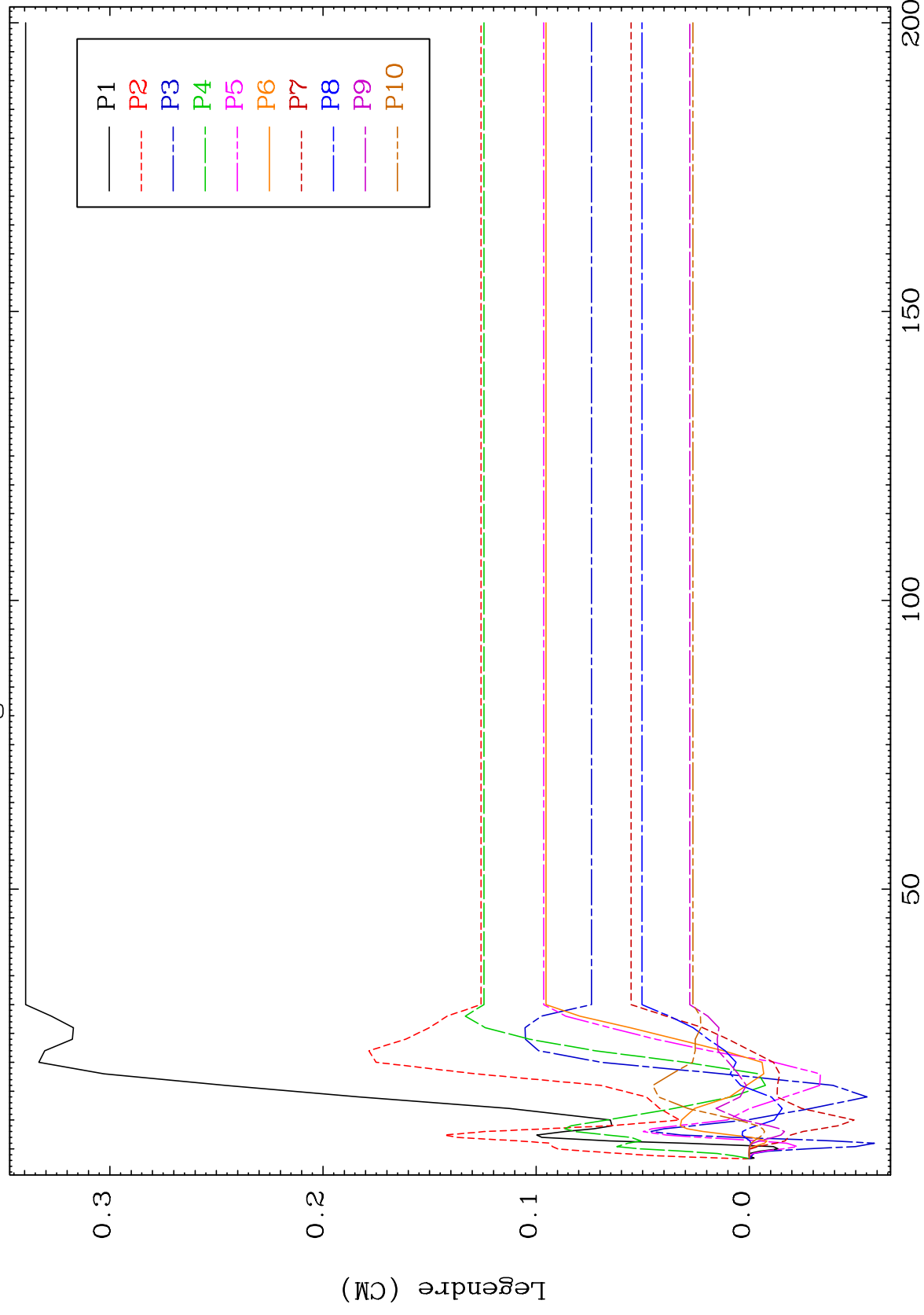




MAT 8207

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

82-Pb-198



82-Pb-198

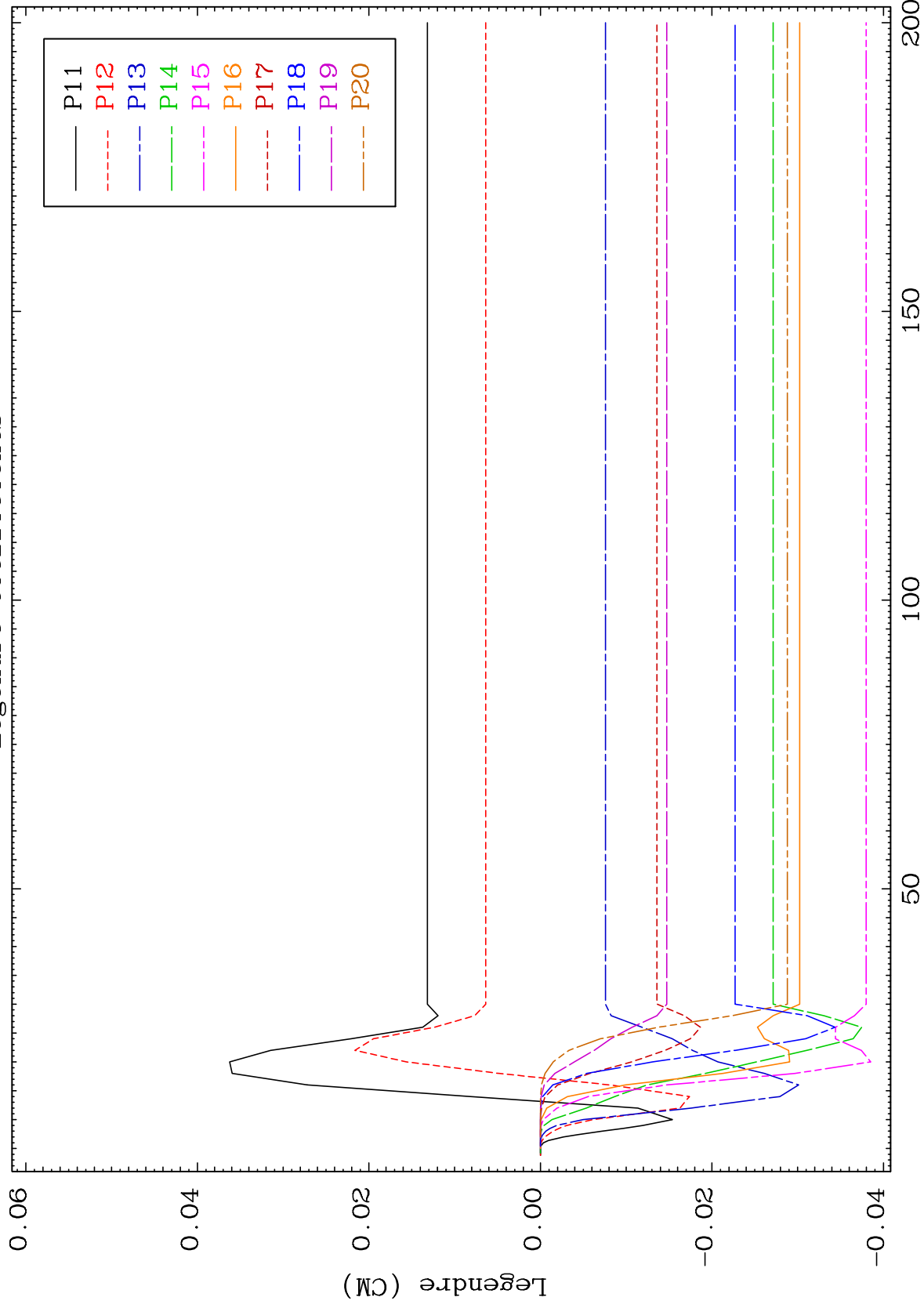
Incident Energy (MeV)

108

MAT 8207

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

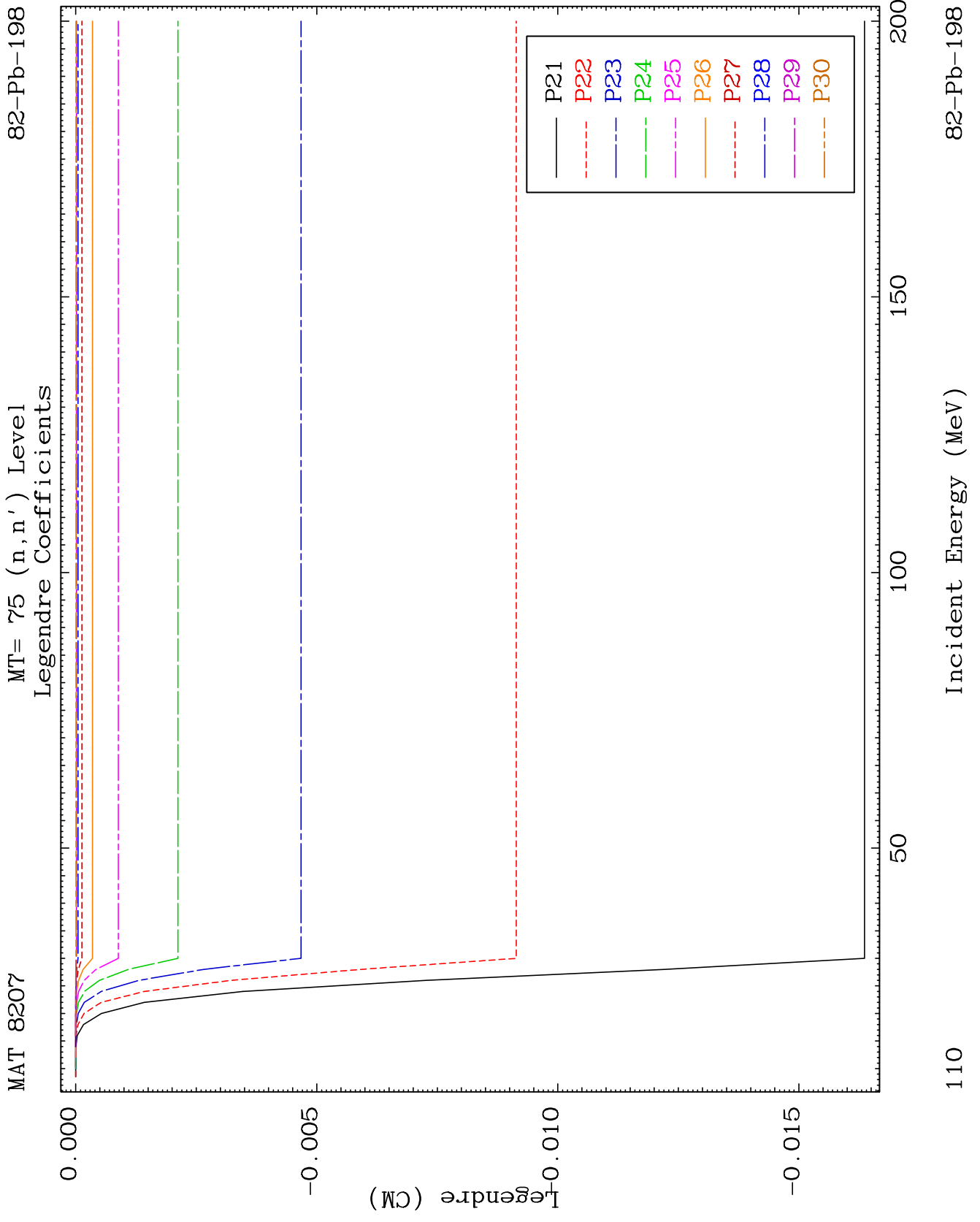
82-Pb-198

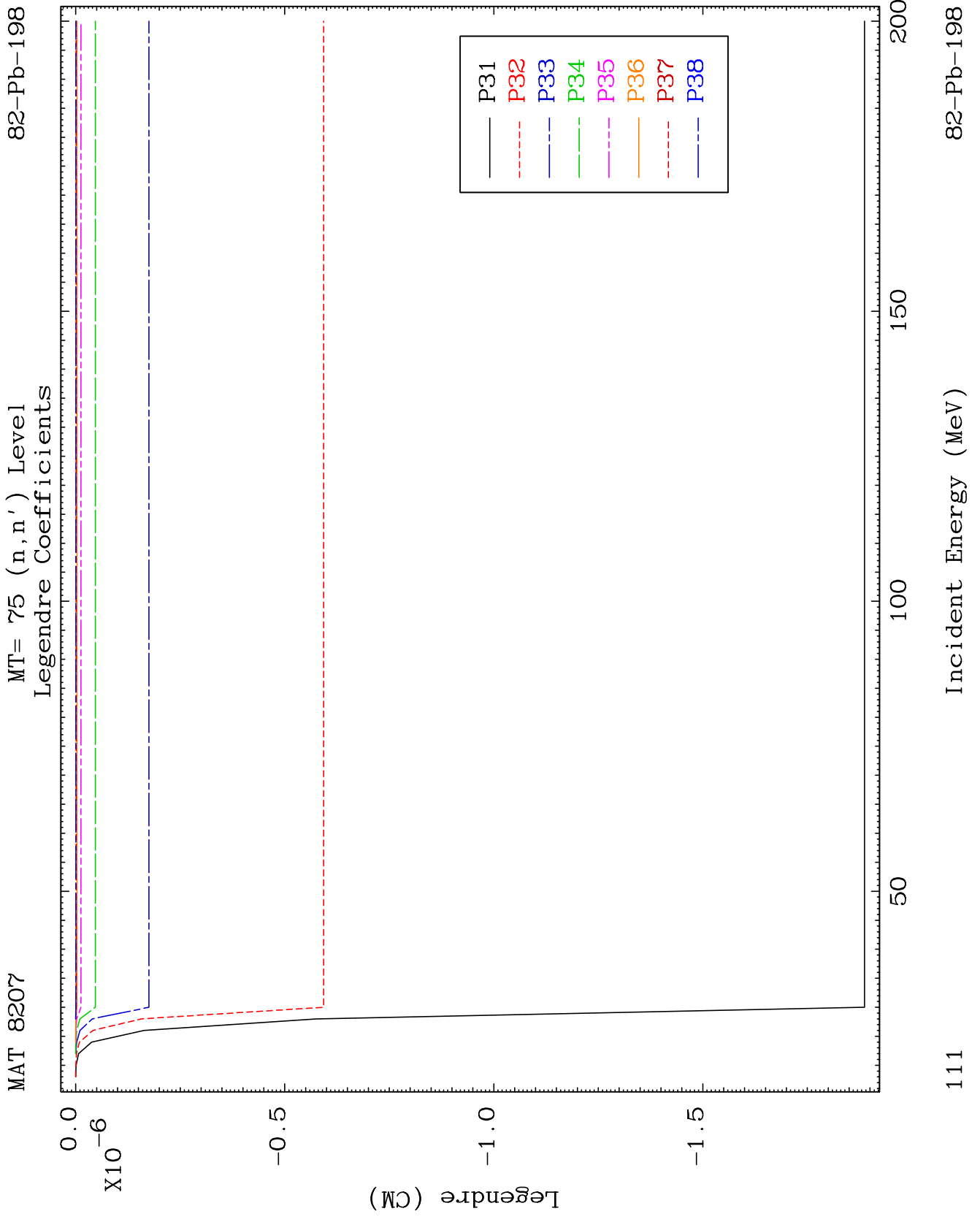


109

Incident Energy (MeV)

82-Pb-198





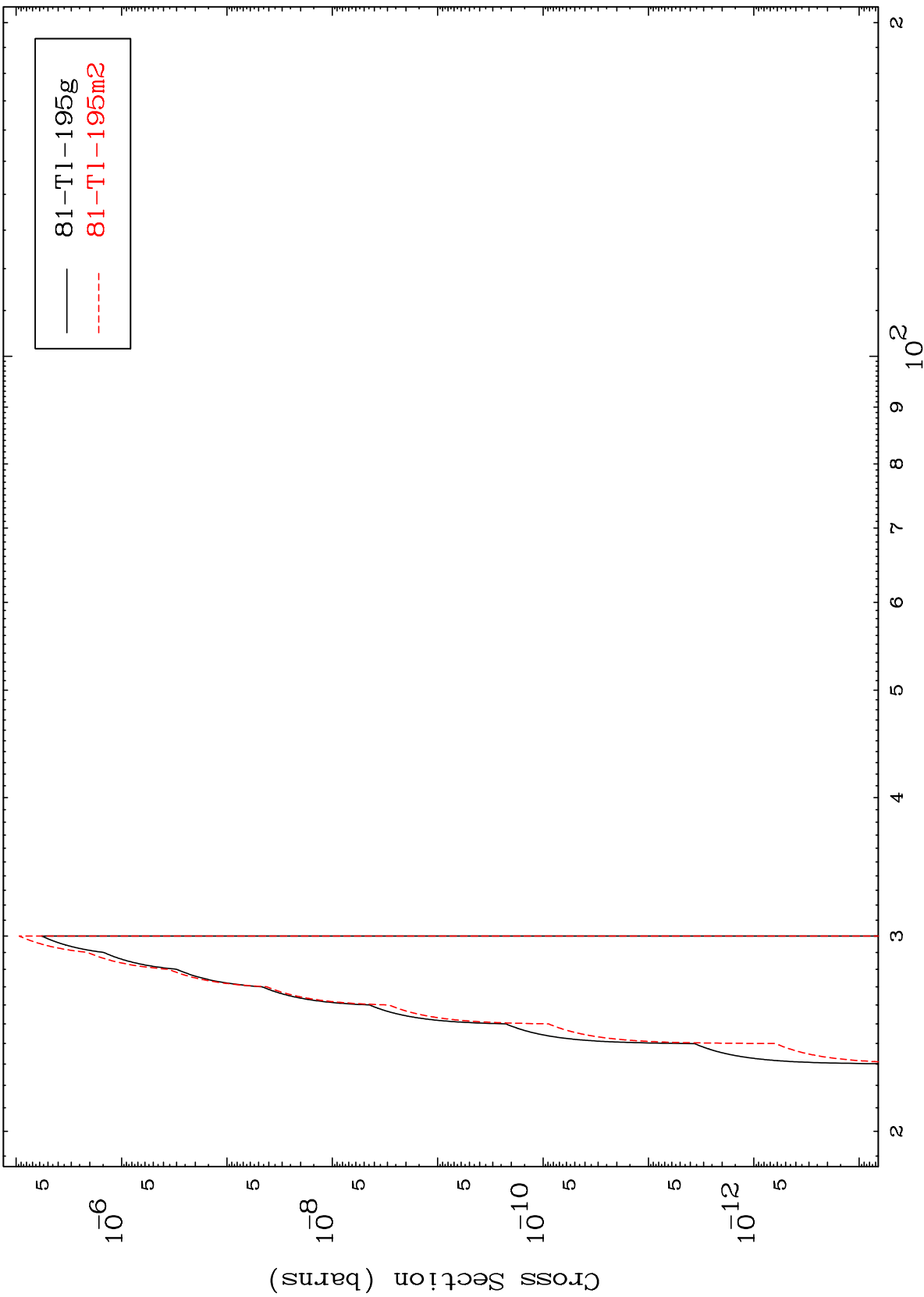


MAT 8207

(n,2n) d

82-Pb-198

Radionuclide Production Cross Section



112

Incident Energy (MeV)

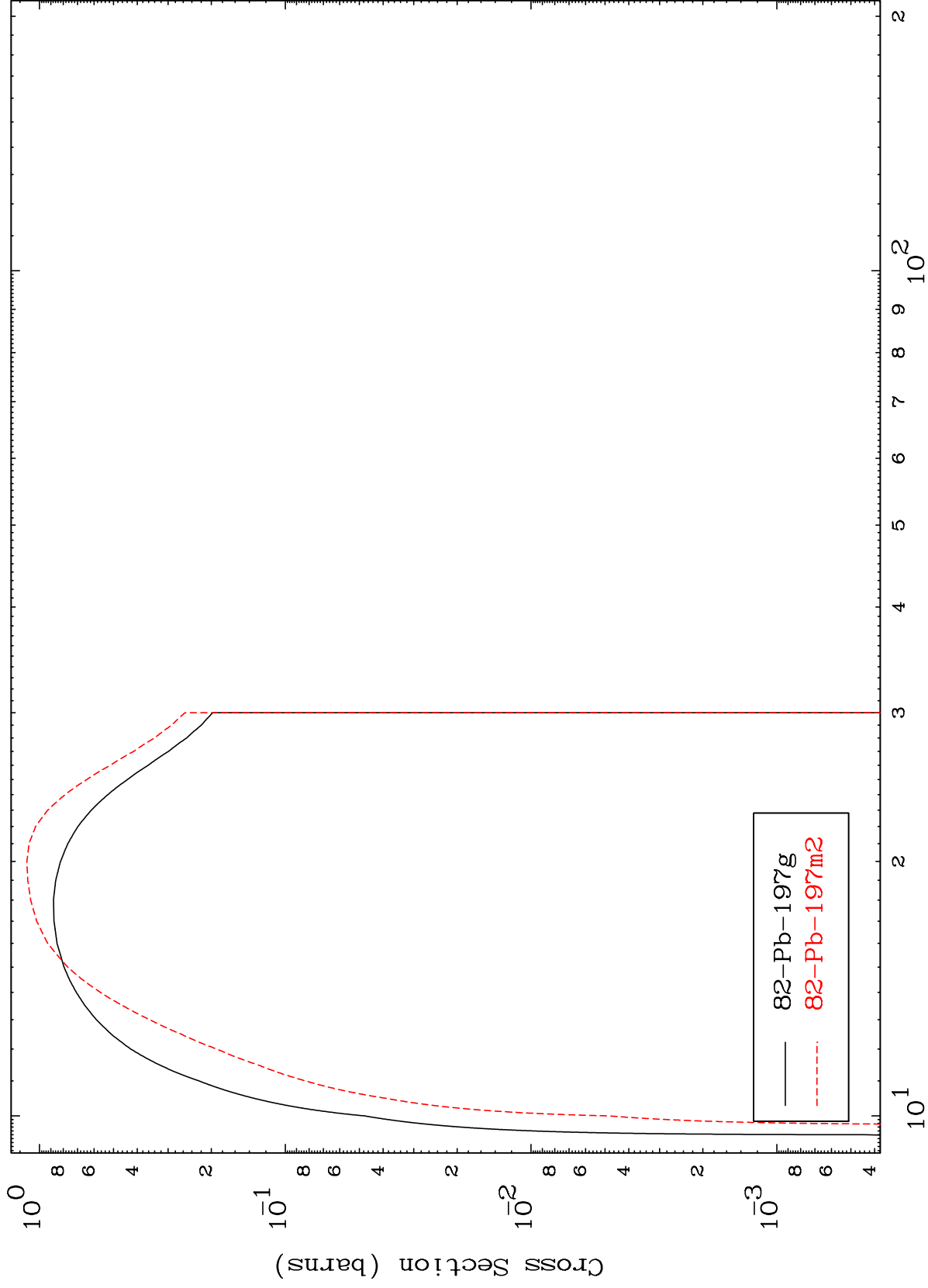
82-Pb-198

MAT 8207

(n,2n)

82-Pb-198

Radionuclide Production Cross Section



113

Incident Energy (MeV)

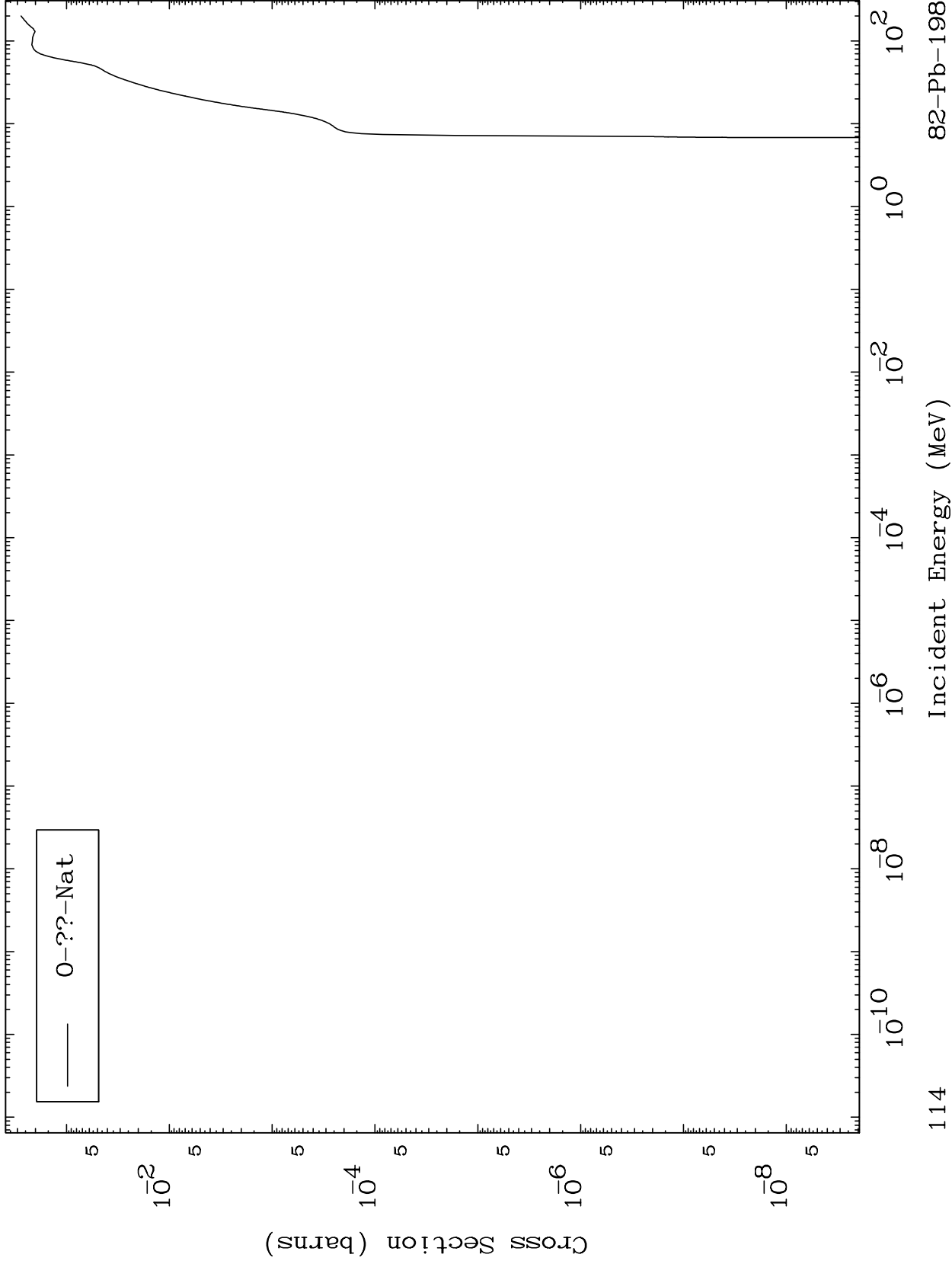
82-Pb-198

MAT 8207

Fission

82-Pb-198

Radionuclide Production Cross Section

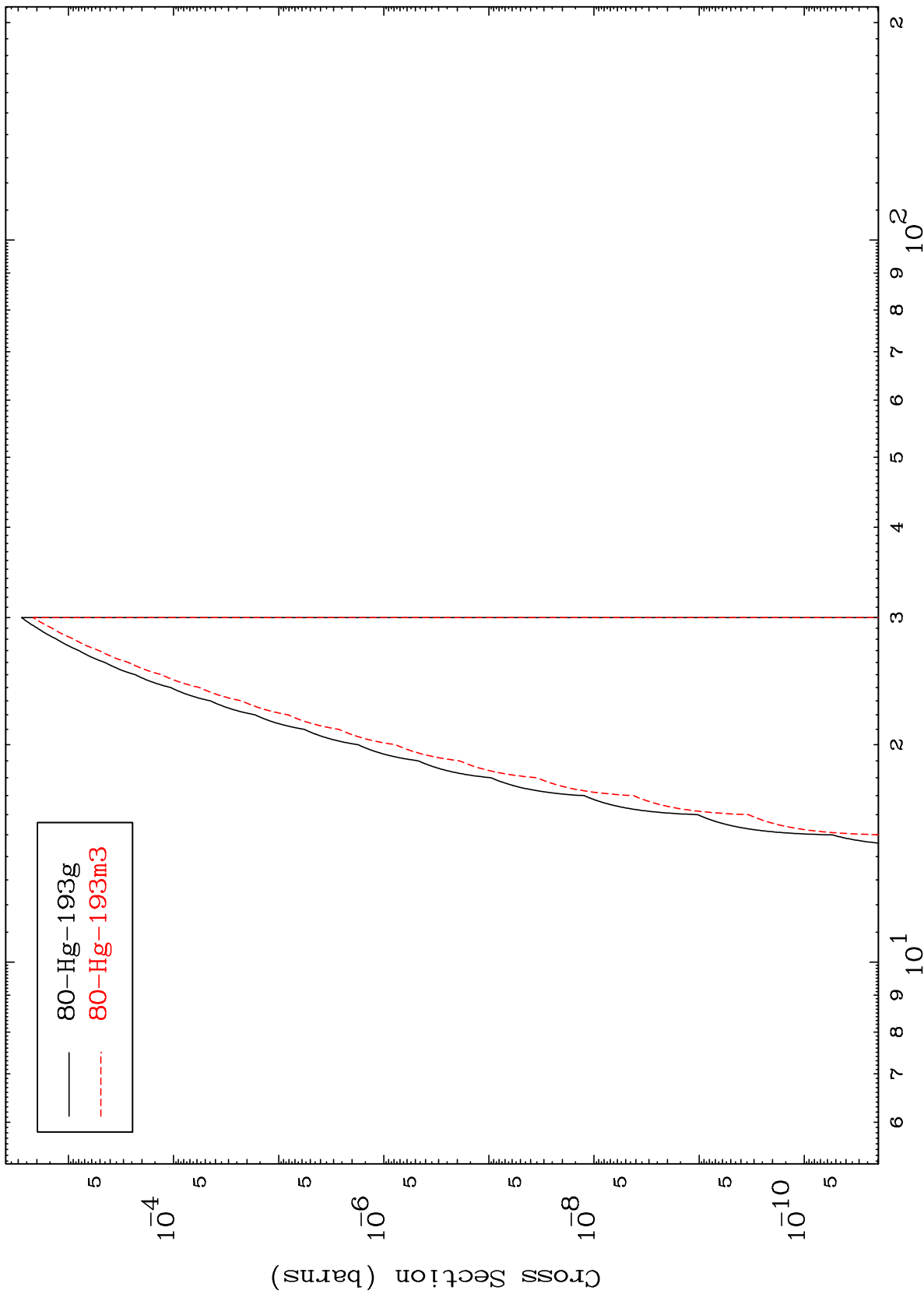


MAT 8207

(n,2n)  $\alpha$

82-Pb-198

Radionuclide Production Cross Section



115

Incident Energy (MeV)

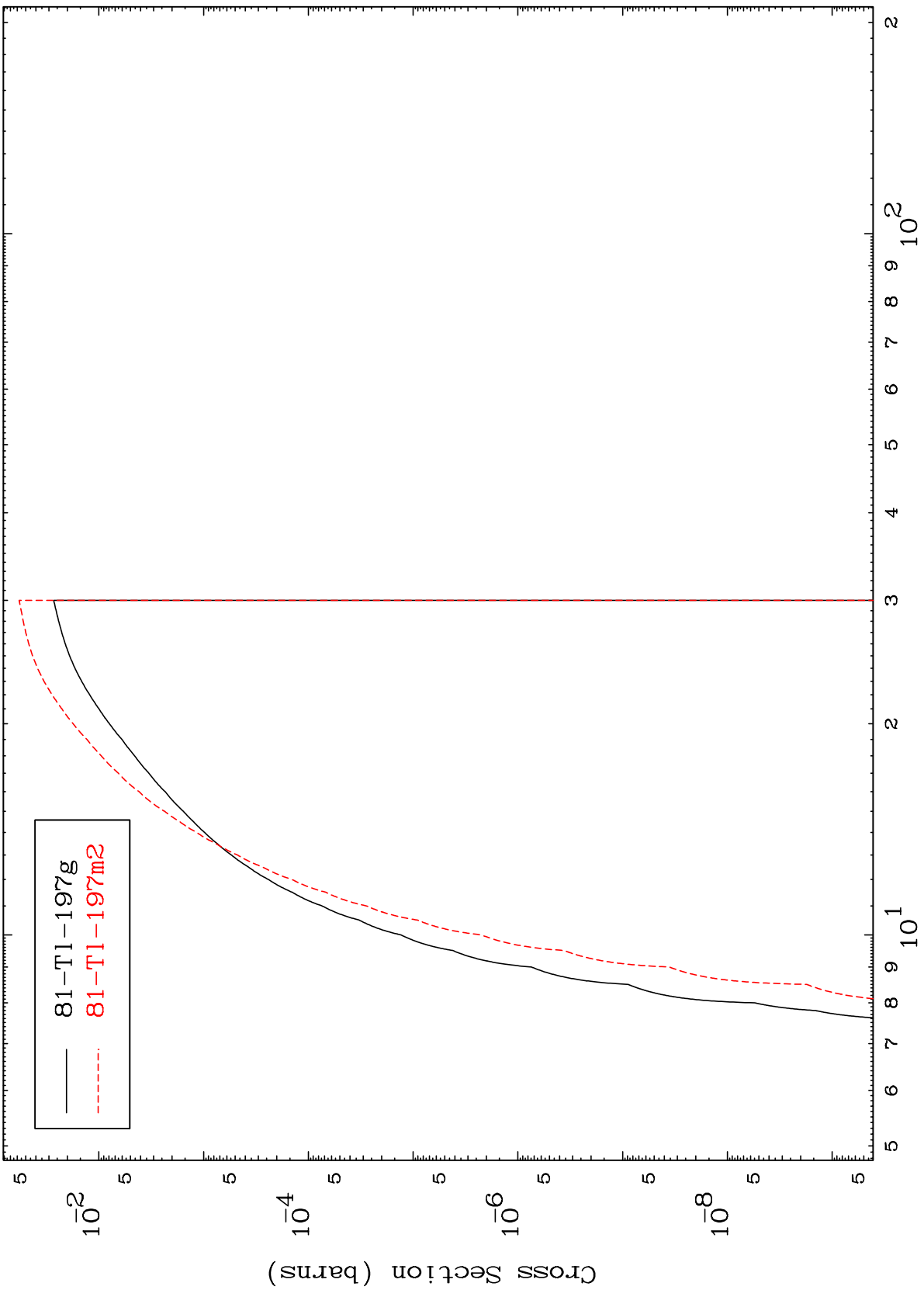
82-Pb-198

MAT 8207

(n,n') p

82-Pb-198

Radionuclide Production Cross Section

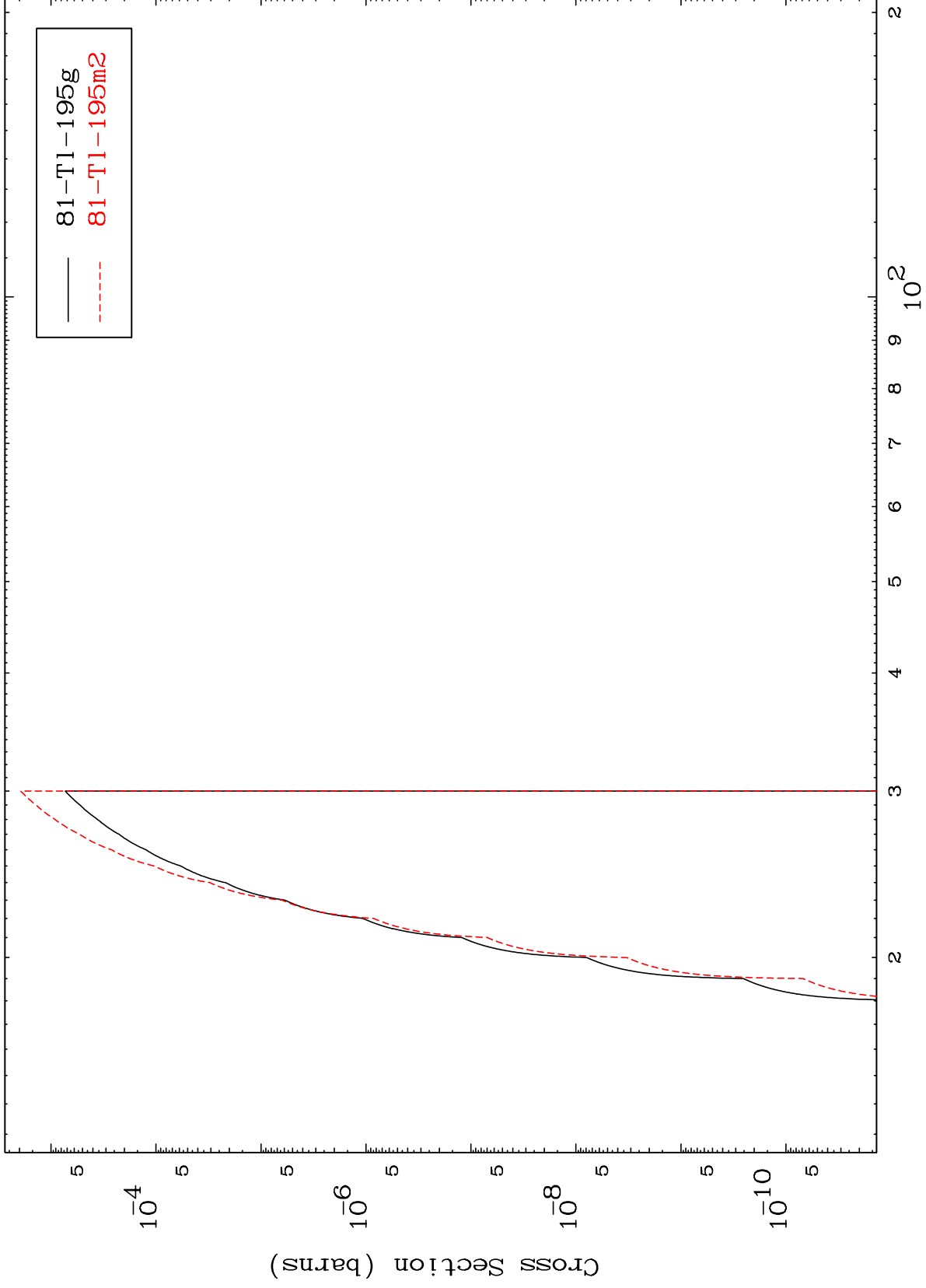


116

Incident Energy (MeV)

82-Pb-198

Radionuclide Production Cross Section

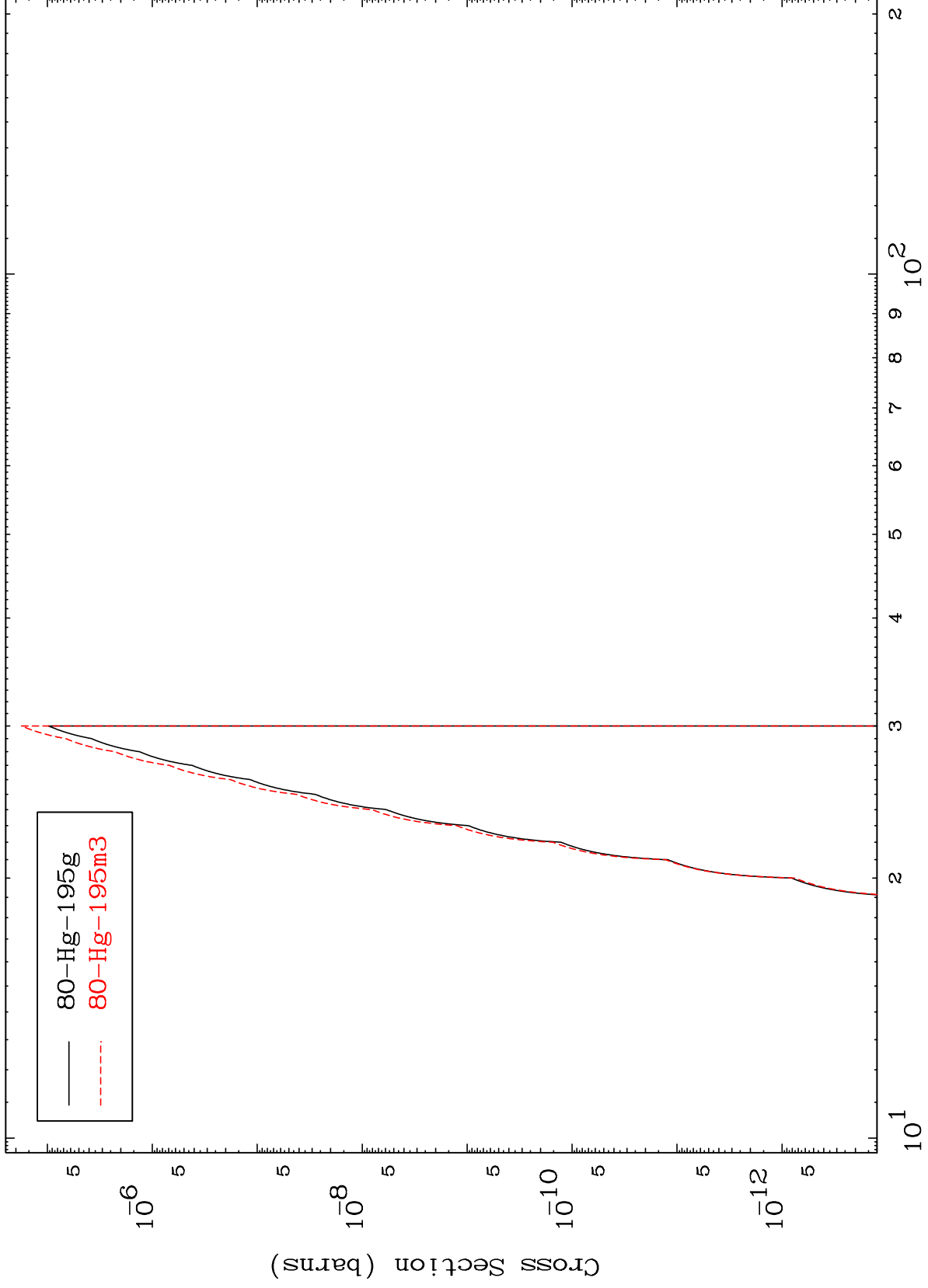


MAT 8207

(n,n') He-3

82-Pb-198

Radionuclide Production Cross Section



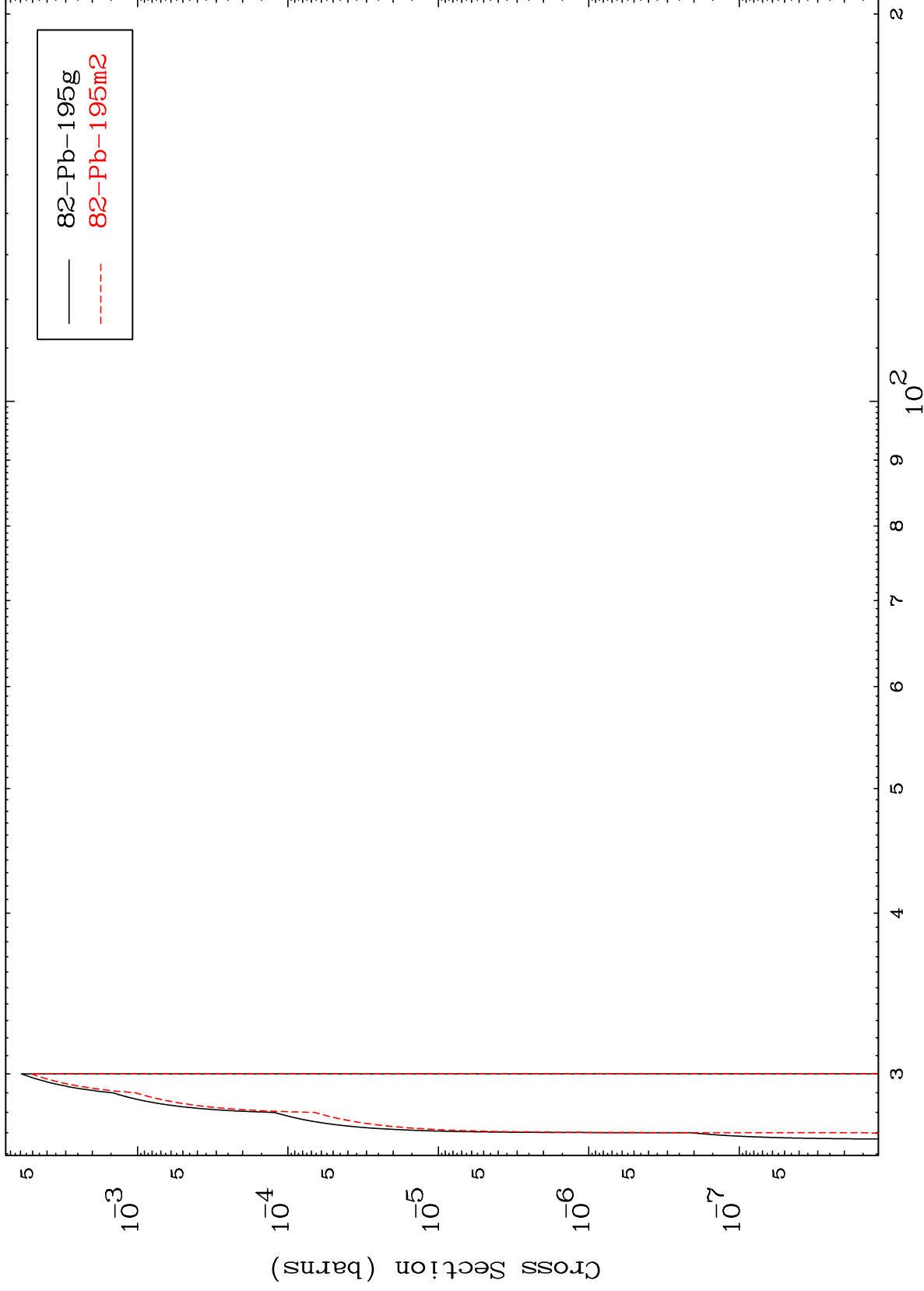
80-Hg-195g  
80-Hg-195m3

118

Incident Energy (MeV)

82-Pb-198

Radionuclide Production Cross Section



82-Pb-195g  
82-Pb-195m2

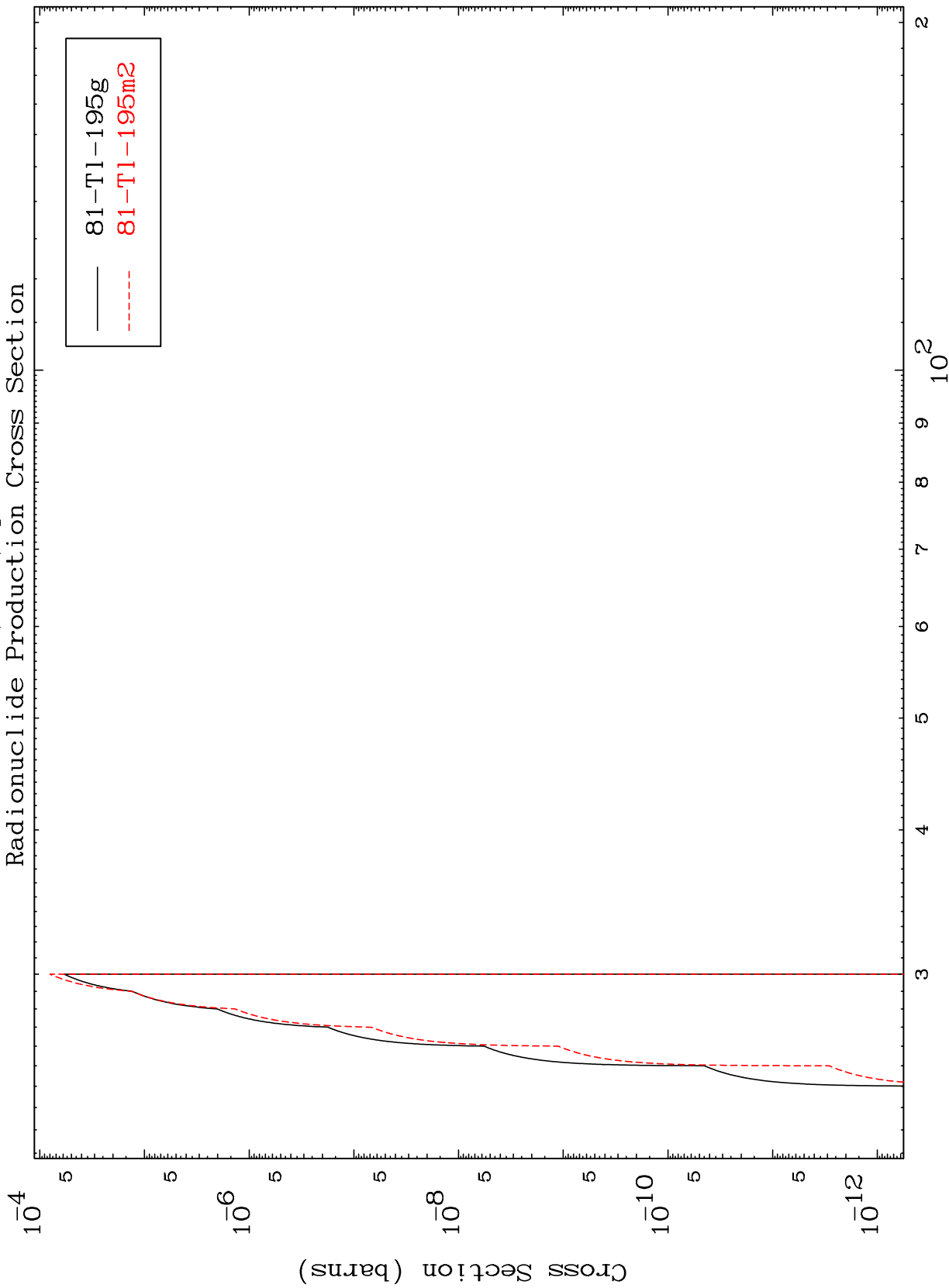


MAT 8207

(n,3n) p

82-Pb-198

Radionuclide Production Cross Section



120

Incident Energy (MeV)

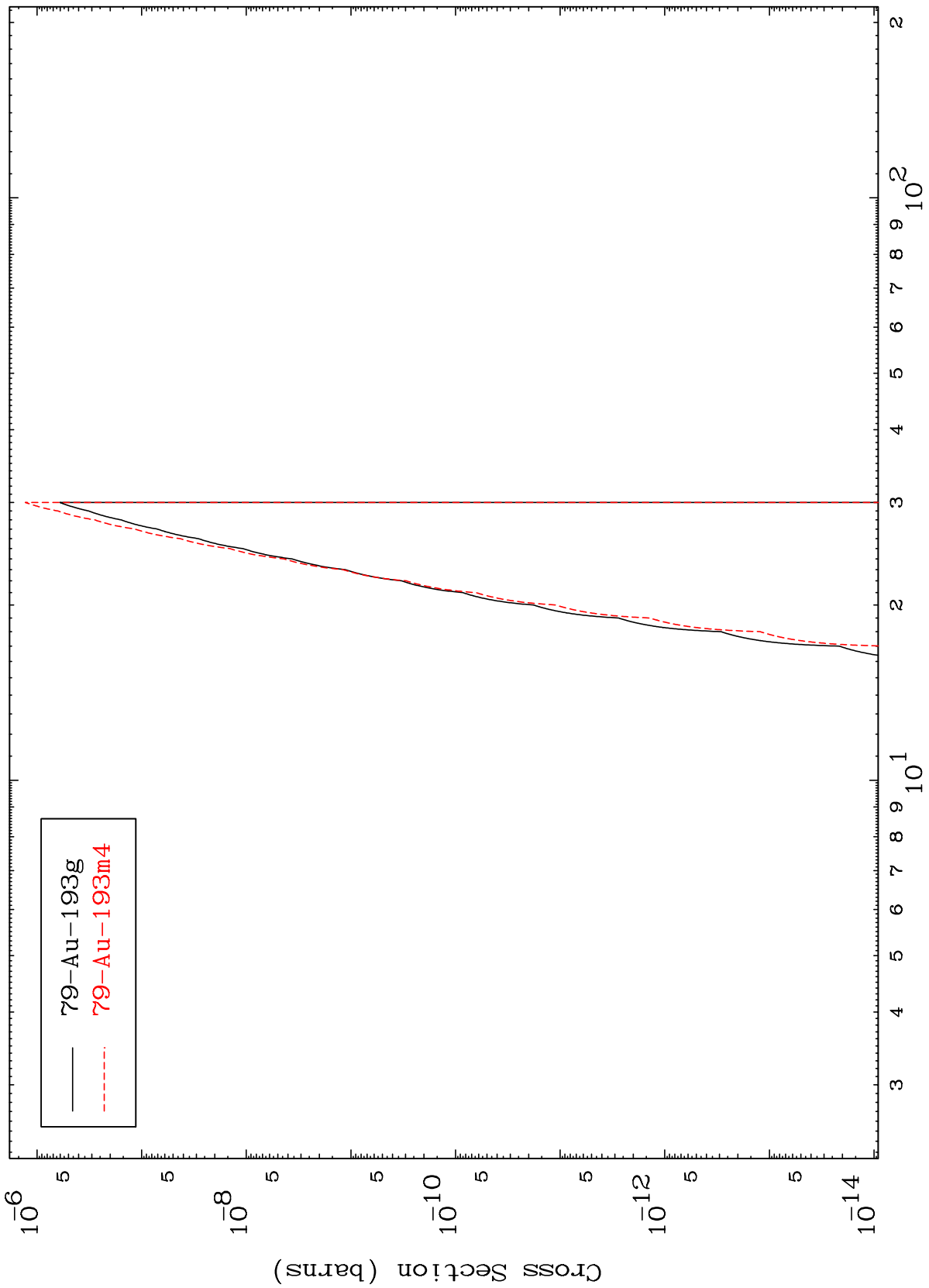
82-Pb-198

MAT 8207

(n,n') p  $\alpha$

82-Pb-198

Radionuclide Production Cross Section

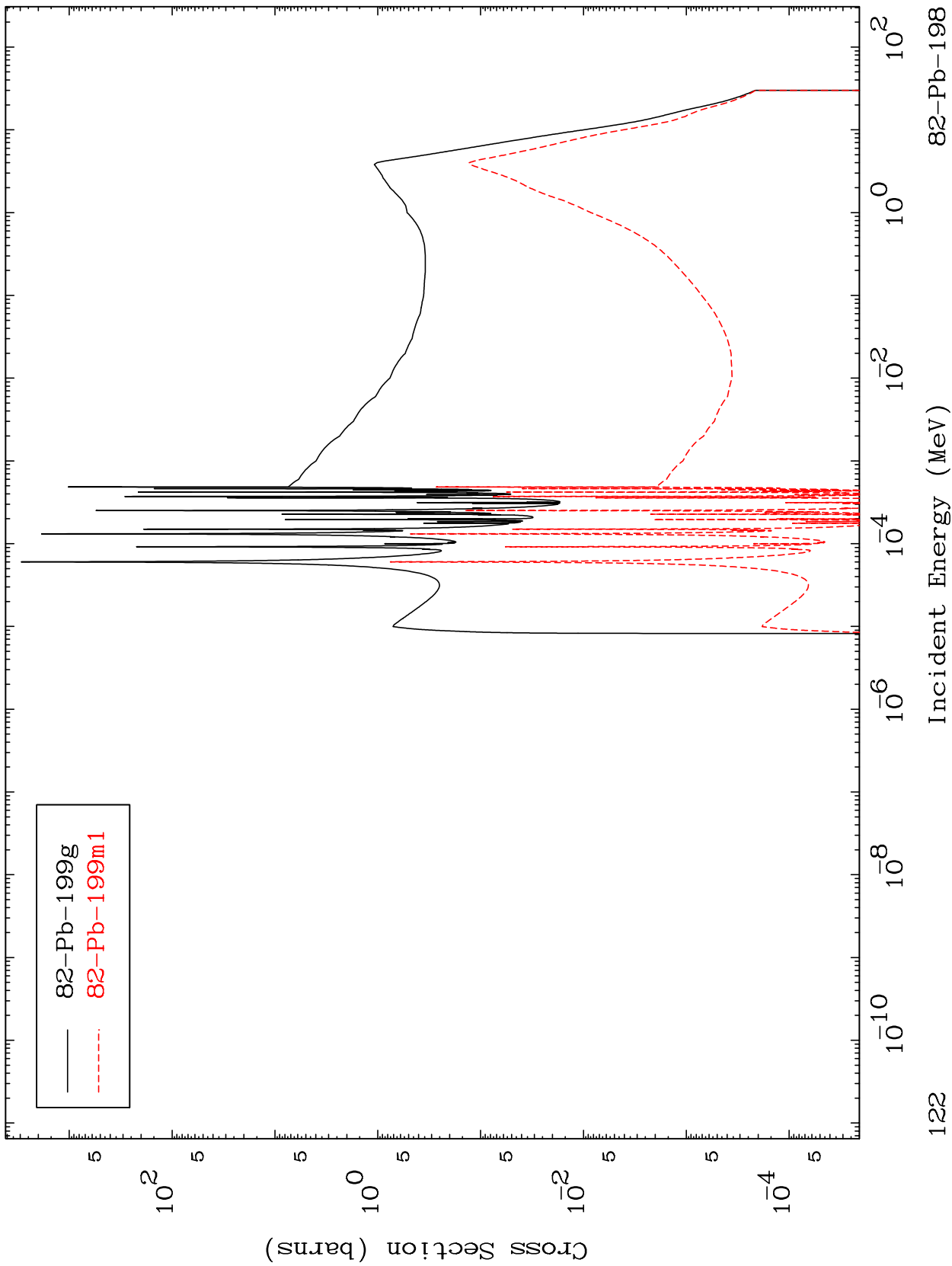


—  $^{79}\text{Au-193g}$   
- - -  $^{79}\text{Au-193m4}$

MAT 8207

82-Pb-198

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

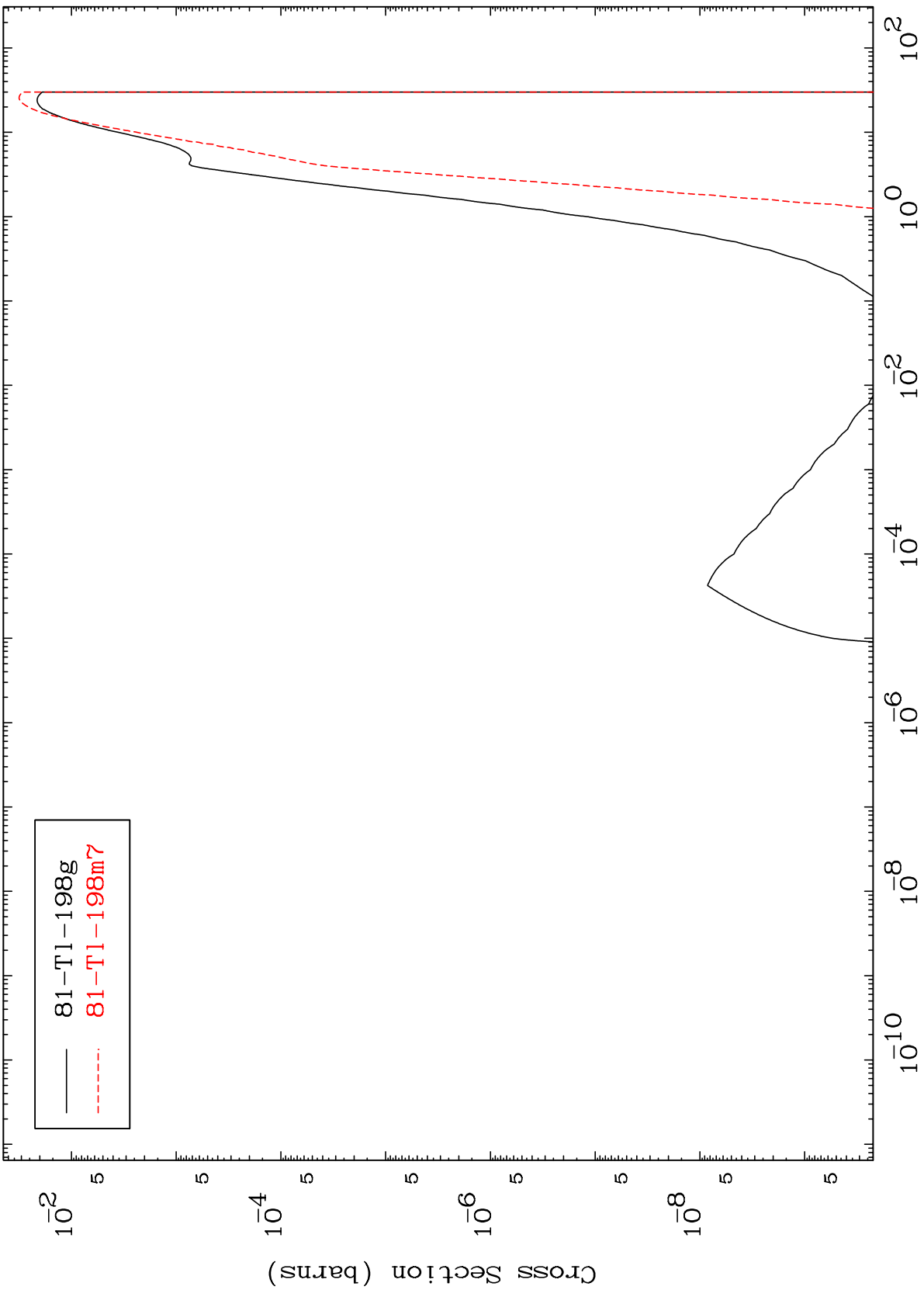
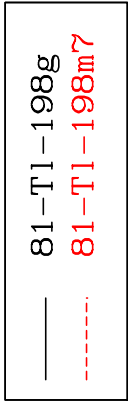


MAT 8207

(n,p)

82-Pb-198

Radionuclide Production Cross Section



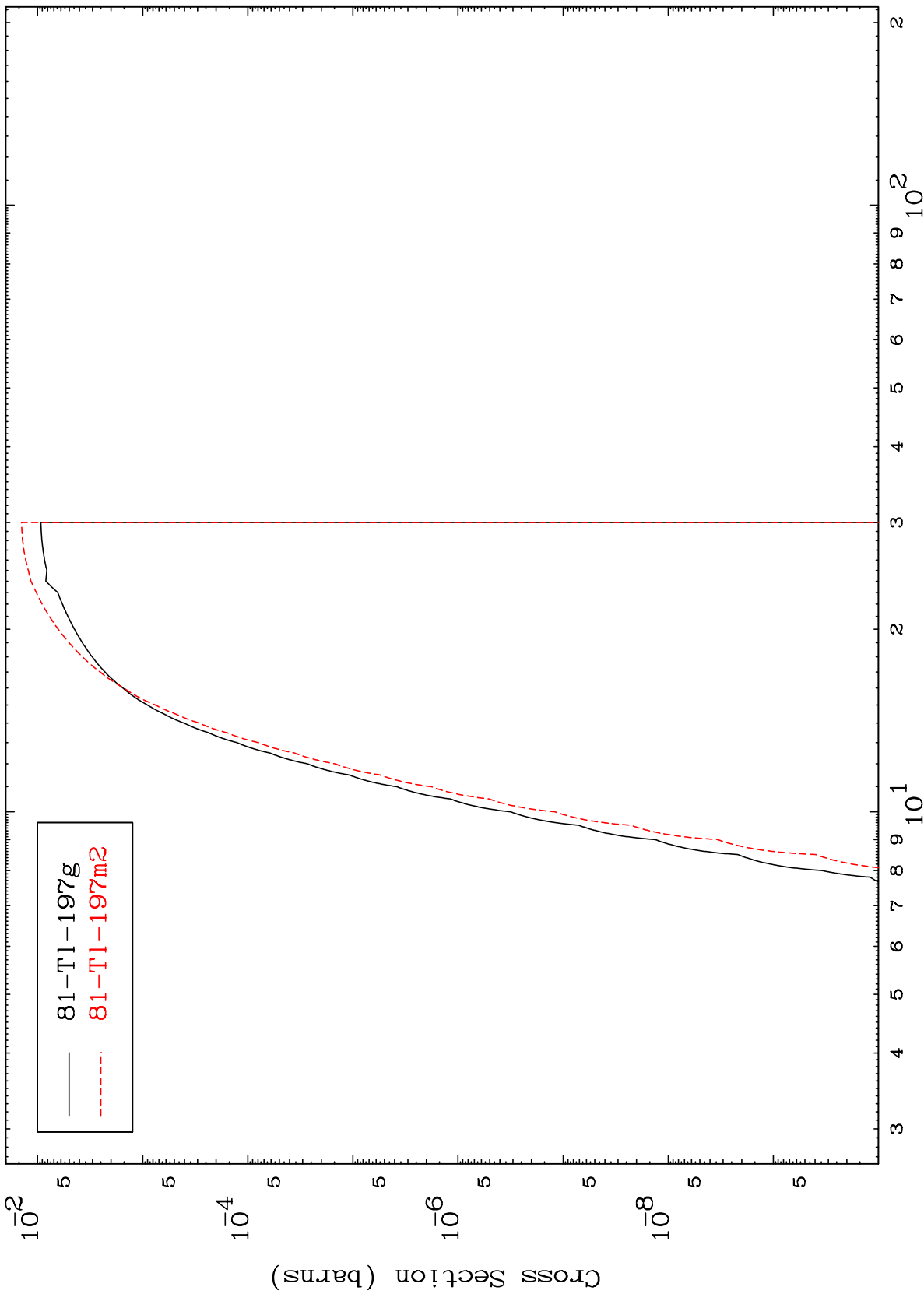
82-Pb-198

Incident Energy (MeV)

MAT 8207

82-Pb-198

(n,d)  
Radionuclide Production Cross Section



124

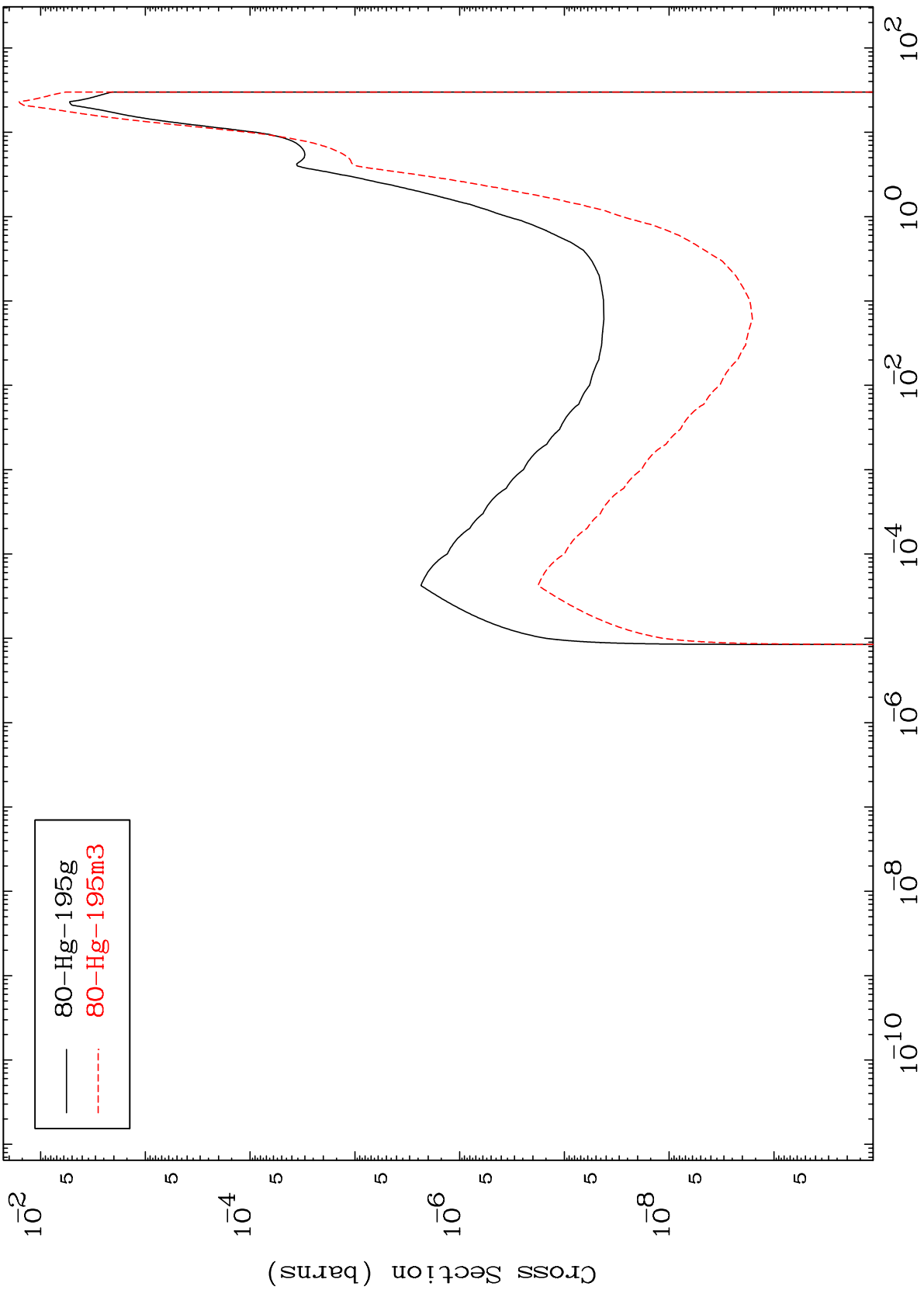
82-Pb-198

MAT 8207

(n,  $\alpha$ )

82-Pb-198

Radionuclide Production Cross Section



125

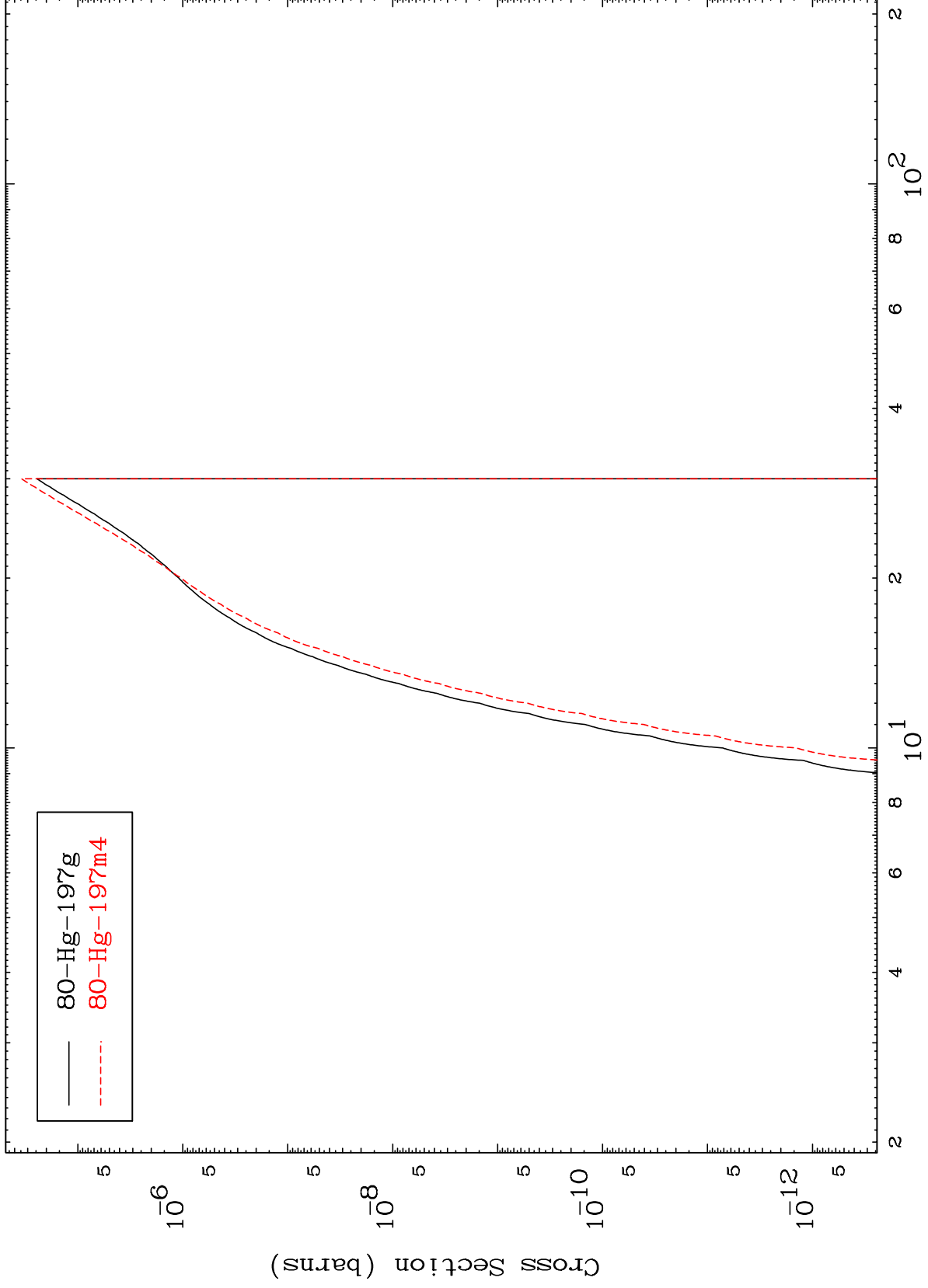
Incident Energy (MeV)

82-Pb-198

MAT 8207

82-Pb-198

(n,2p)  
Radionuclide Production Cross Section



— 80-Hg-197g  
- - - 80-Hg-197m4

126

82-Pb-198

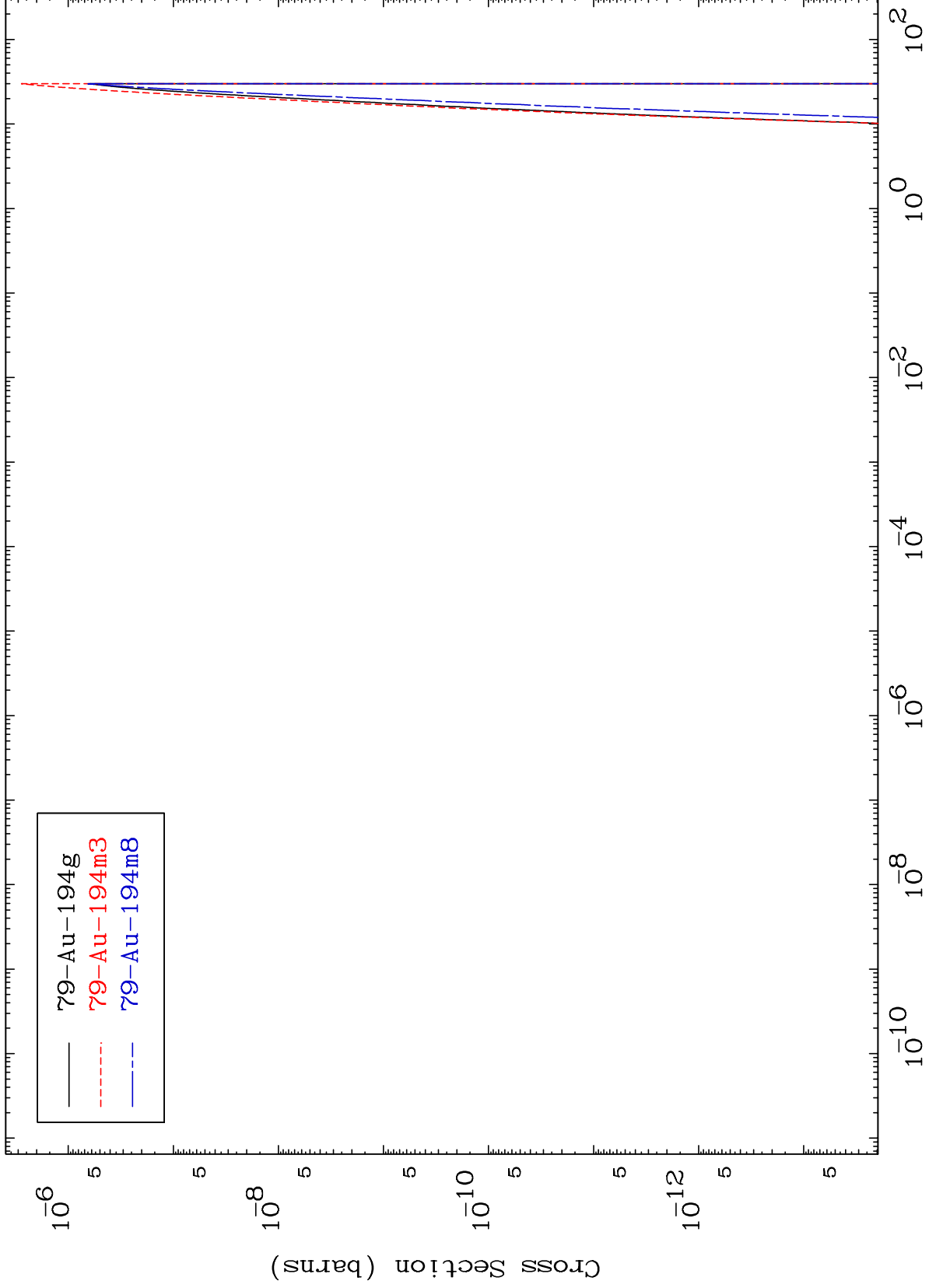
Incident Energy (MeV)

MAT 8207

(n,p)  $\alpha$

82-Pb-198

Radionuclide Production Cross Section



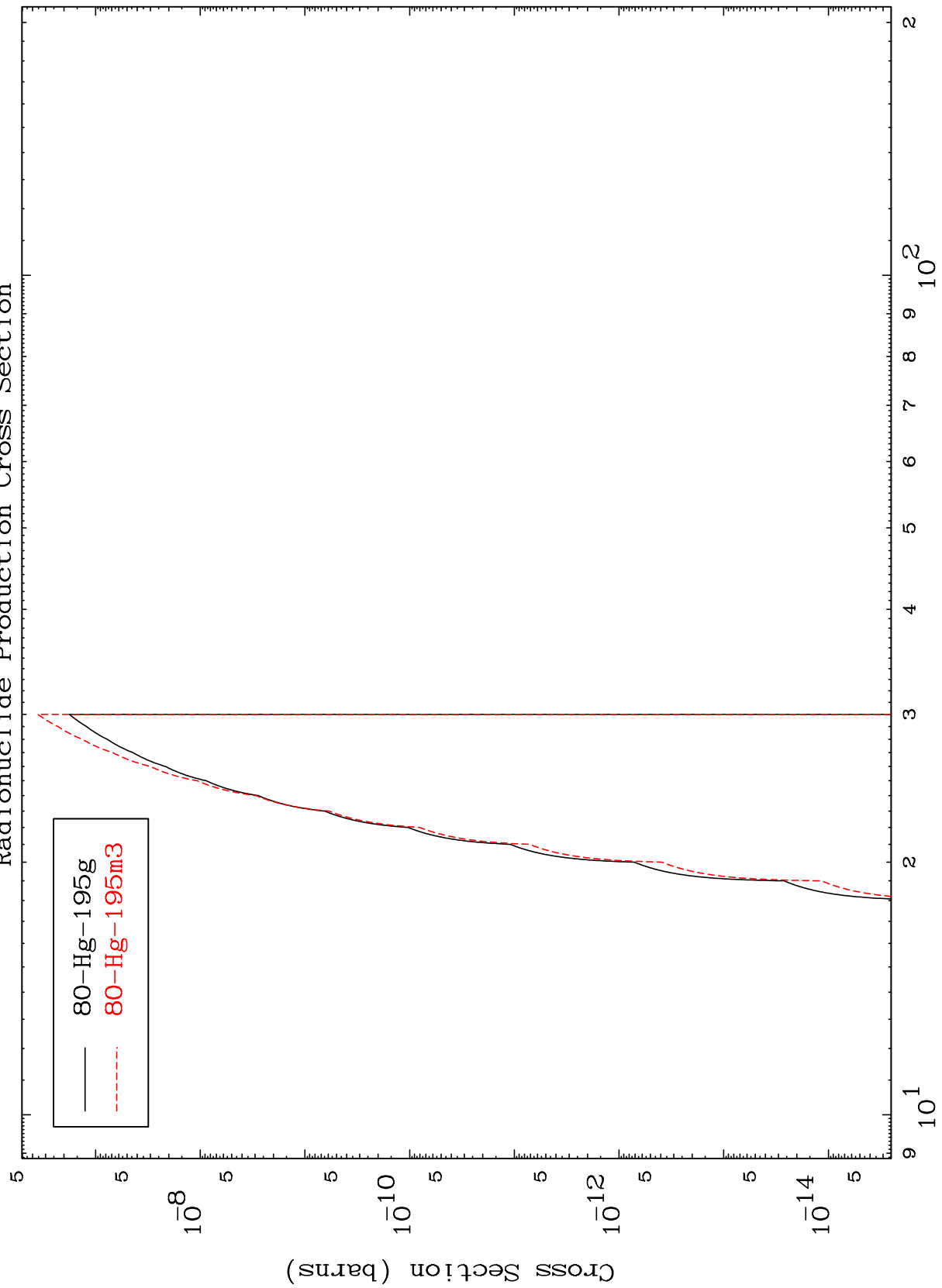


MAT 8207

(n,p) t

82-Pb-198

Radionuclide Production Cross Section



128

Incident Energy (MeV)

82-Pb-198

MAT 8207

(n,d)  $\alpha$

82-Pb-198

