

Program EVALPLOT  
(Version 2021-1)

by

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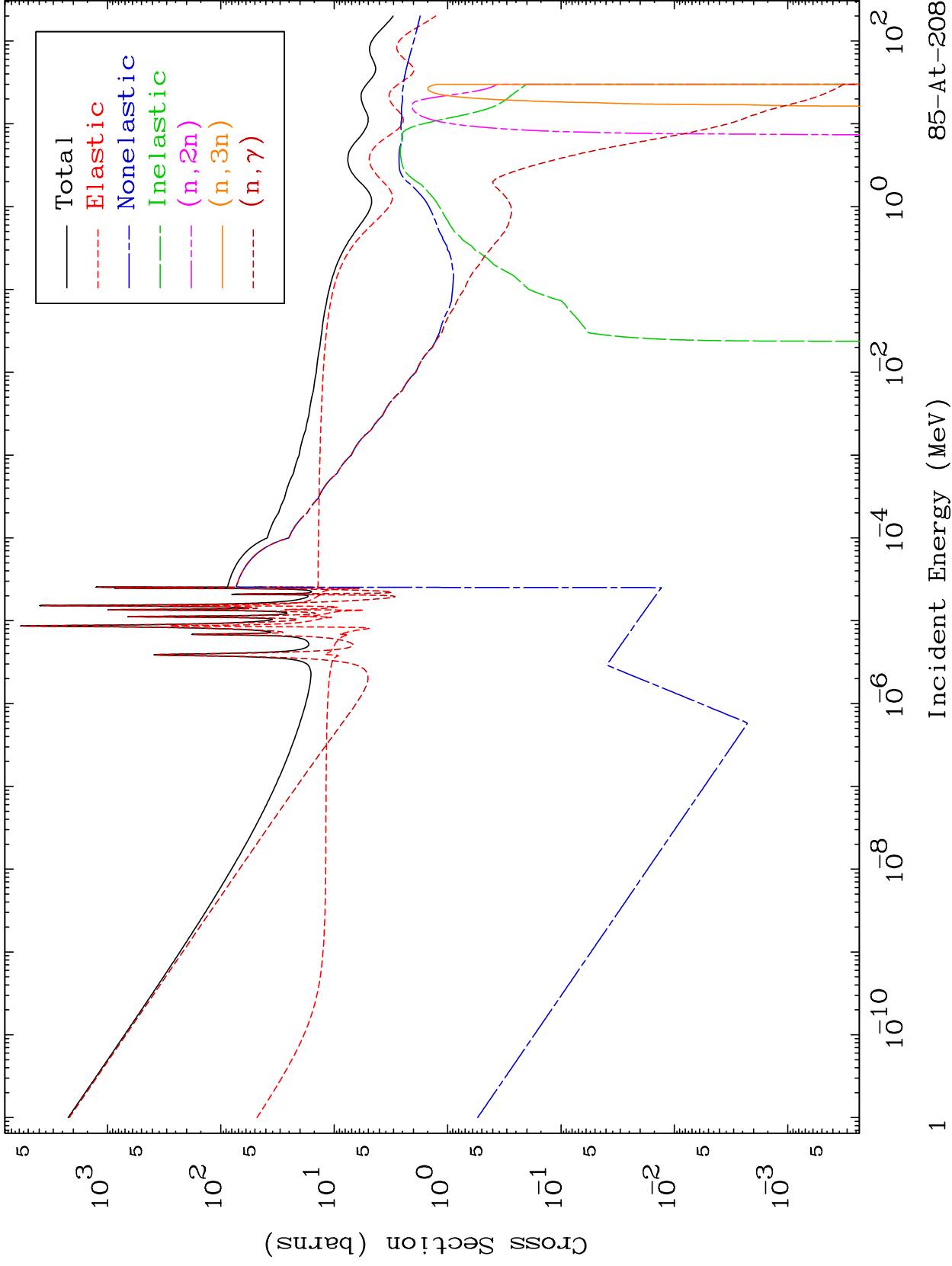
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Press Mouse Button to Start

MAT 8540

Neutron Major  
293 Kelvin Cross Sections

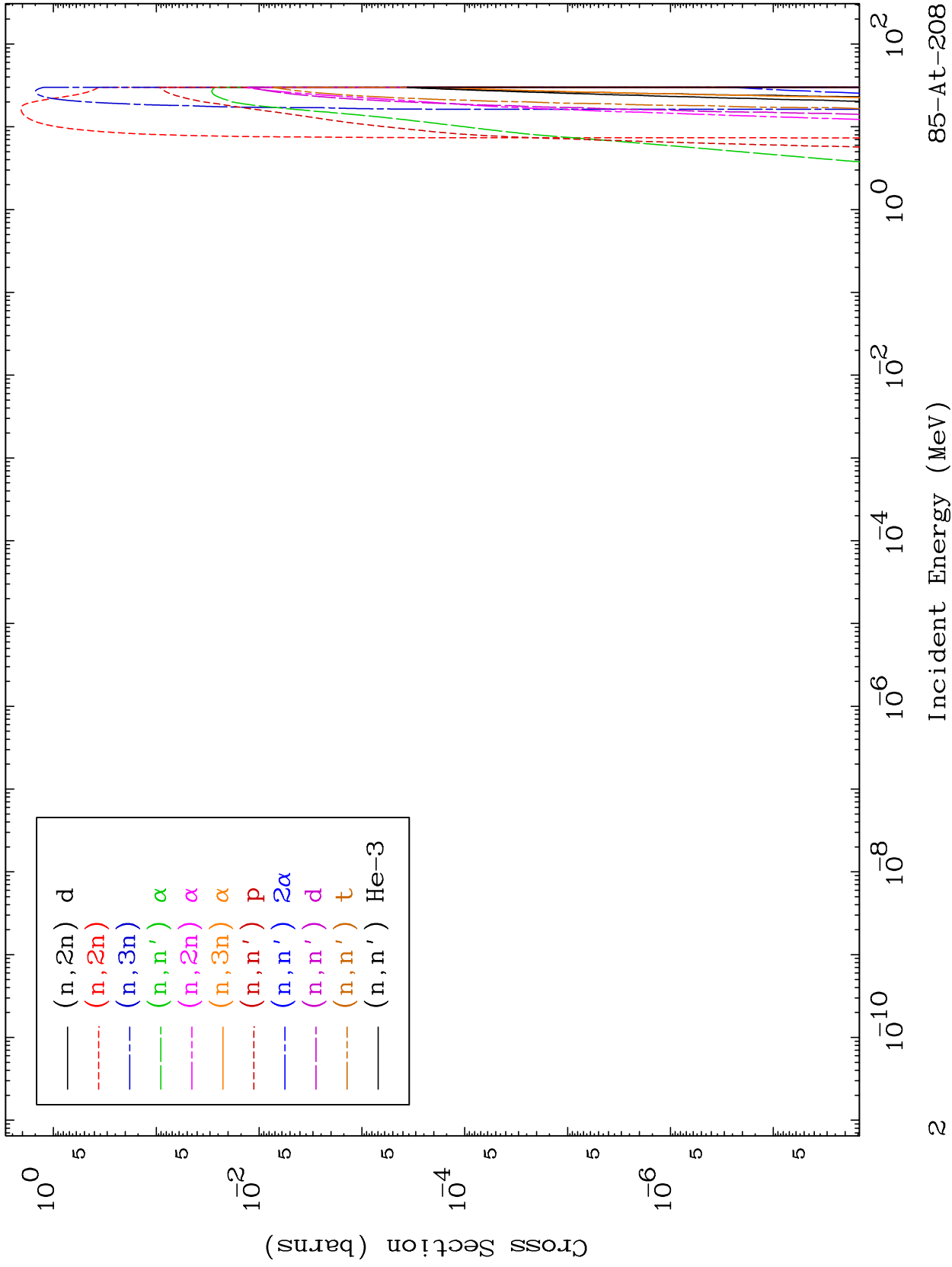
85-At-208

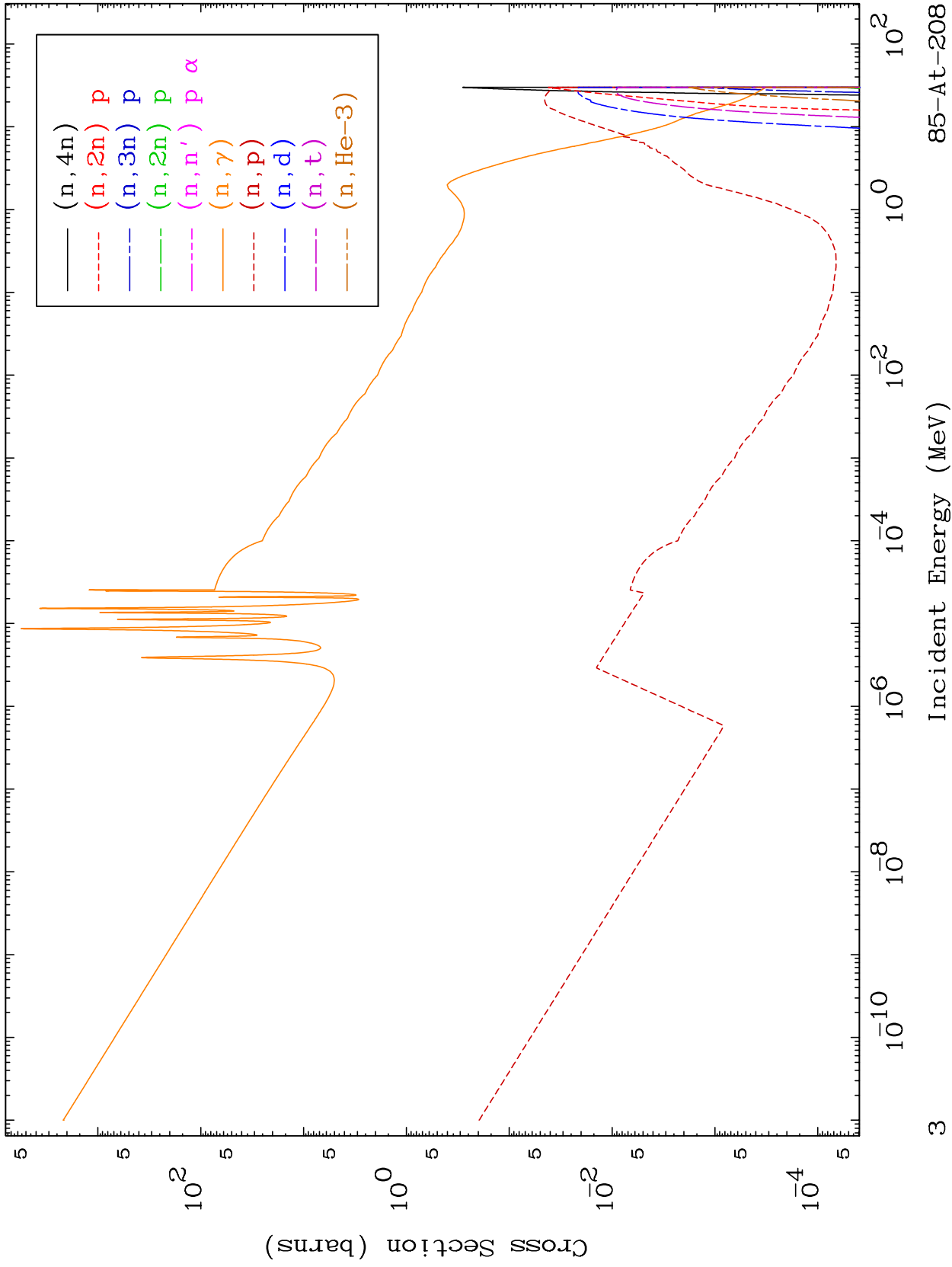


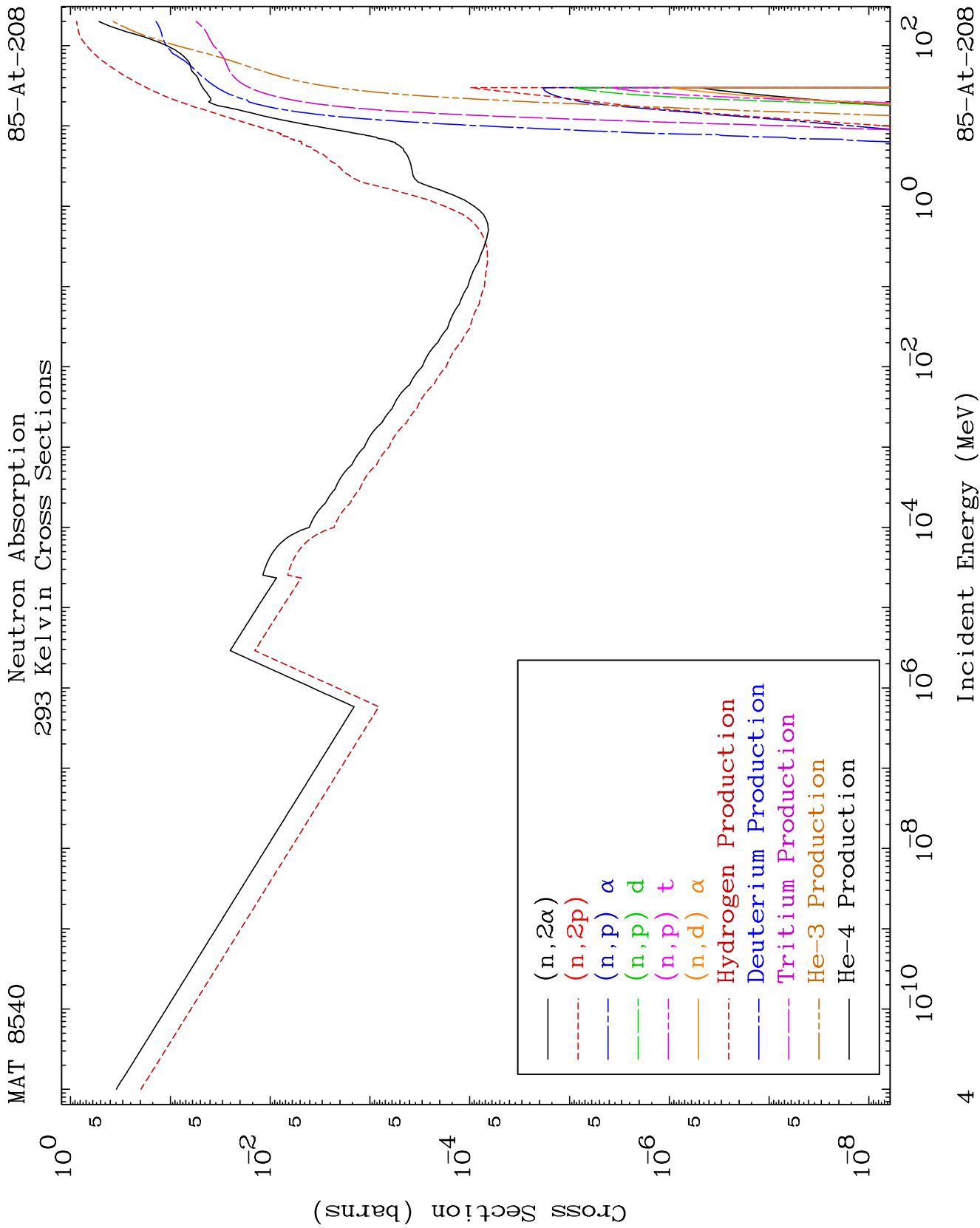
MAT 8540

Neutron Absorption  
293 Kelvin Cross Sections

85-At-208



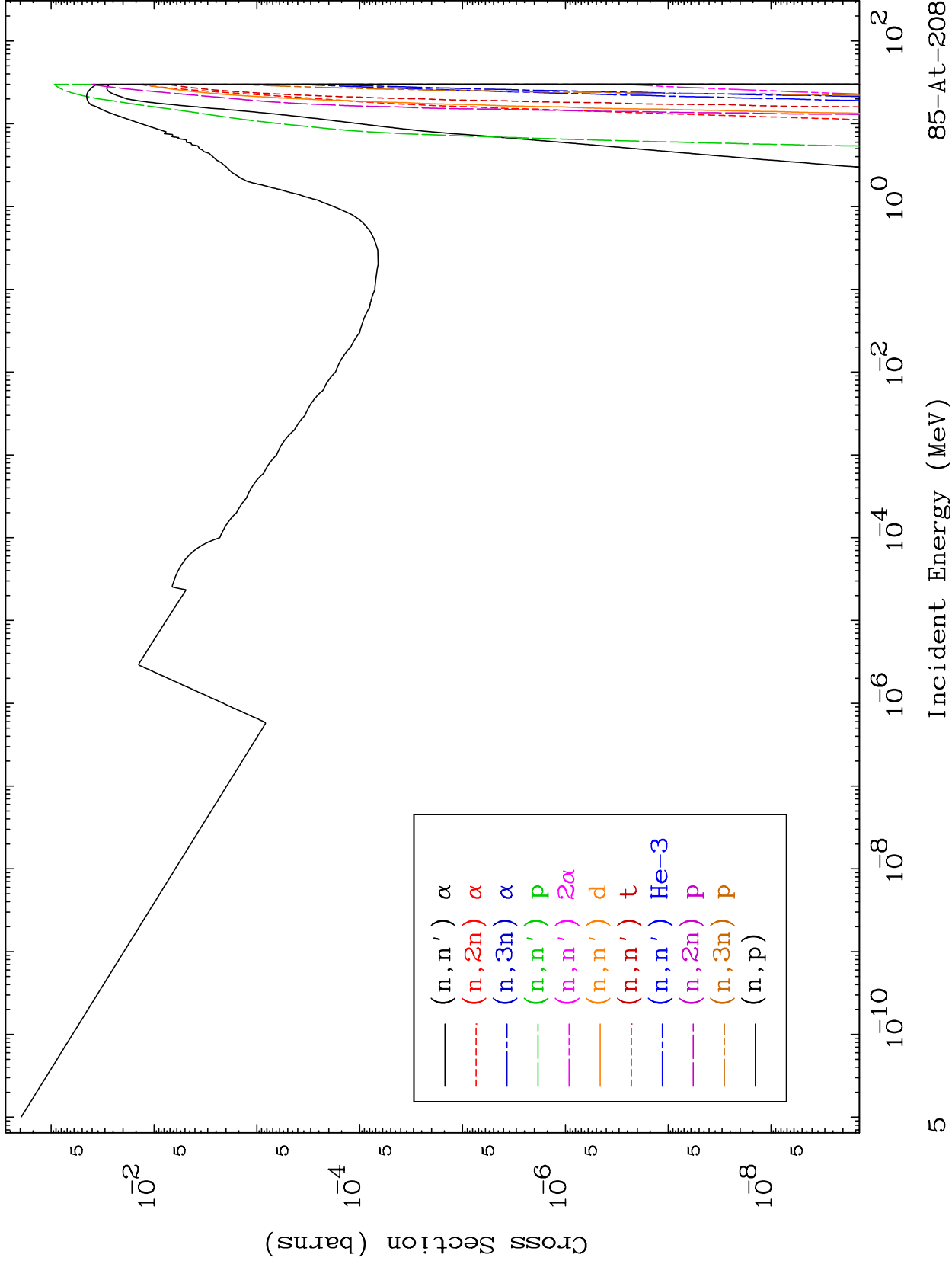




MAT 8540

Charged Particle  
293 Kelvin Cross Sections

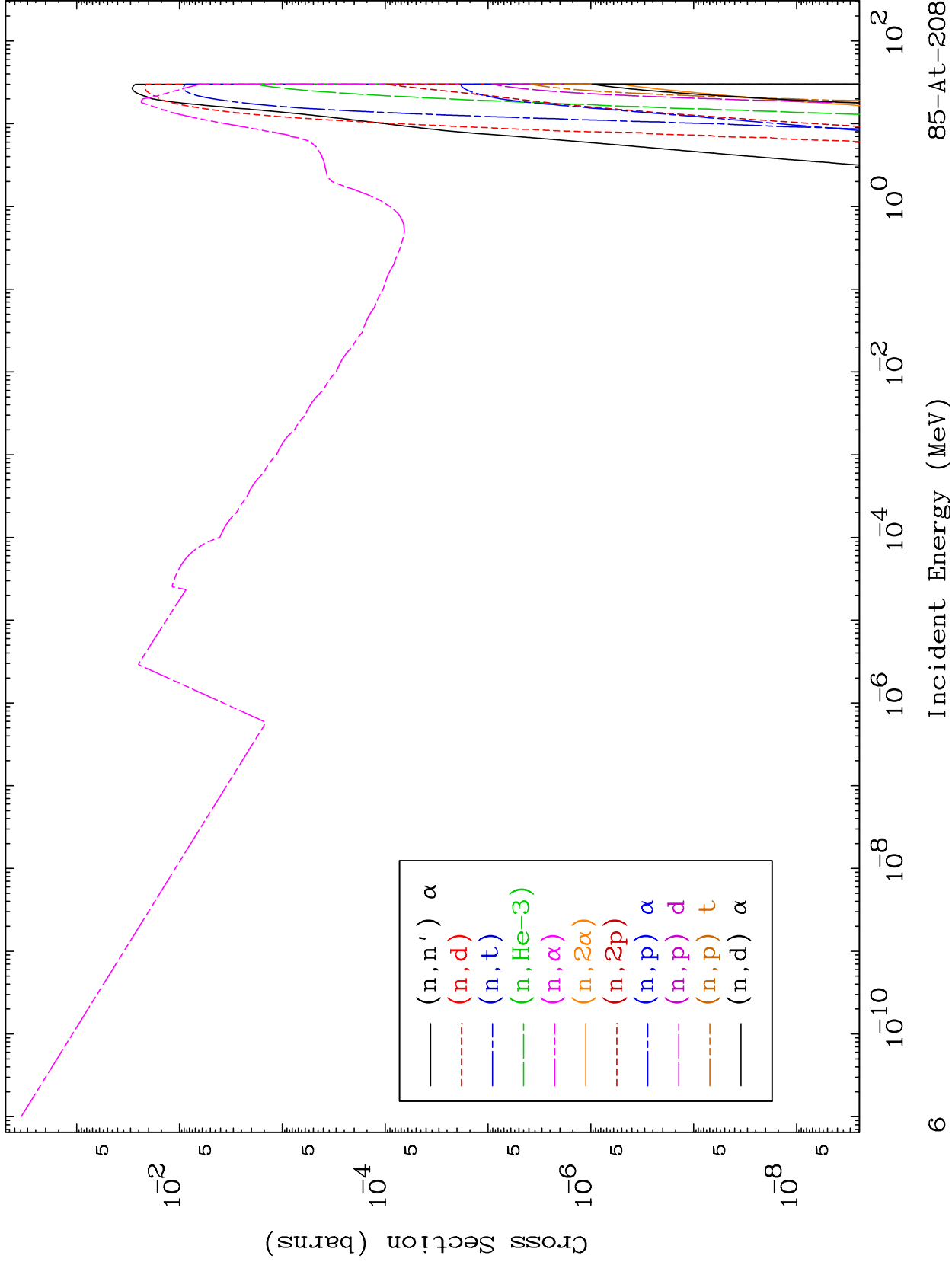
85-At-208

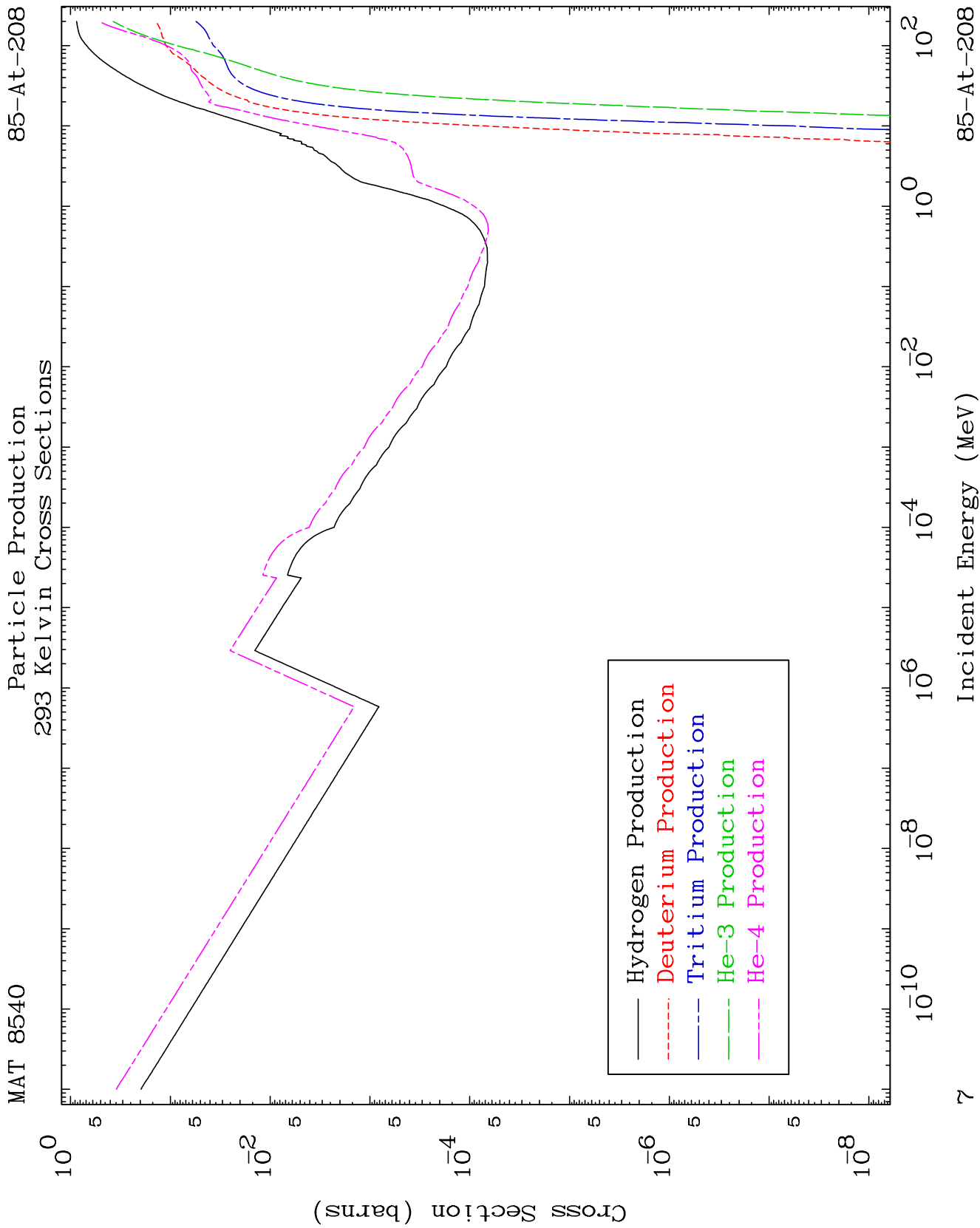


MAT 8540

Charged Particle  
293 Kelvin Cross Sections

85-At-208



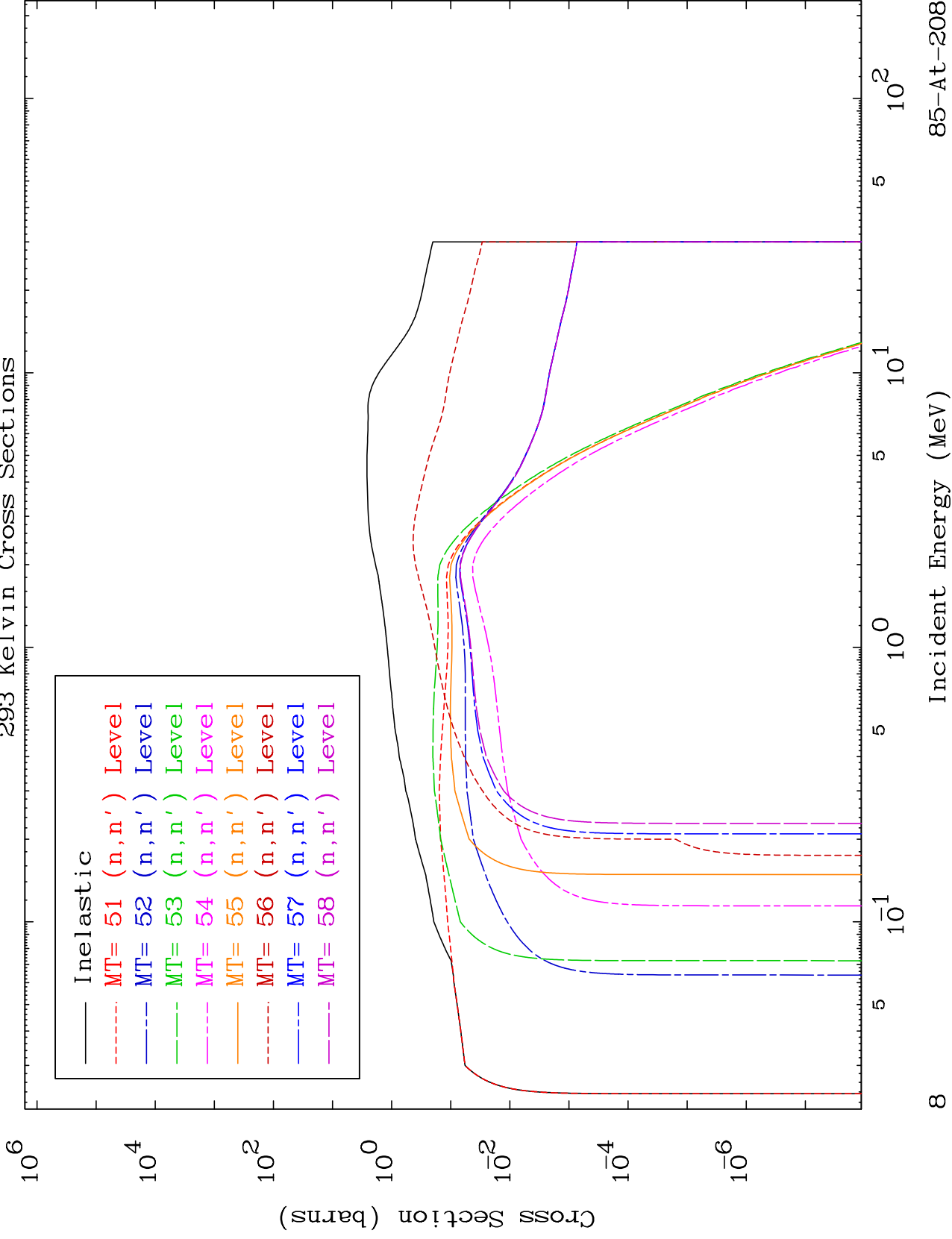




MAT 8540

(n,n') Levels  
293 Kelvin Cross Sections

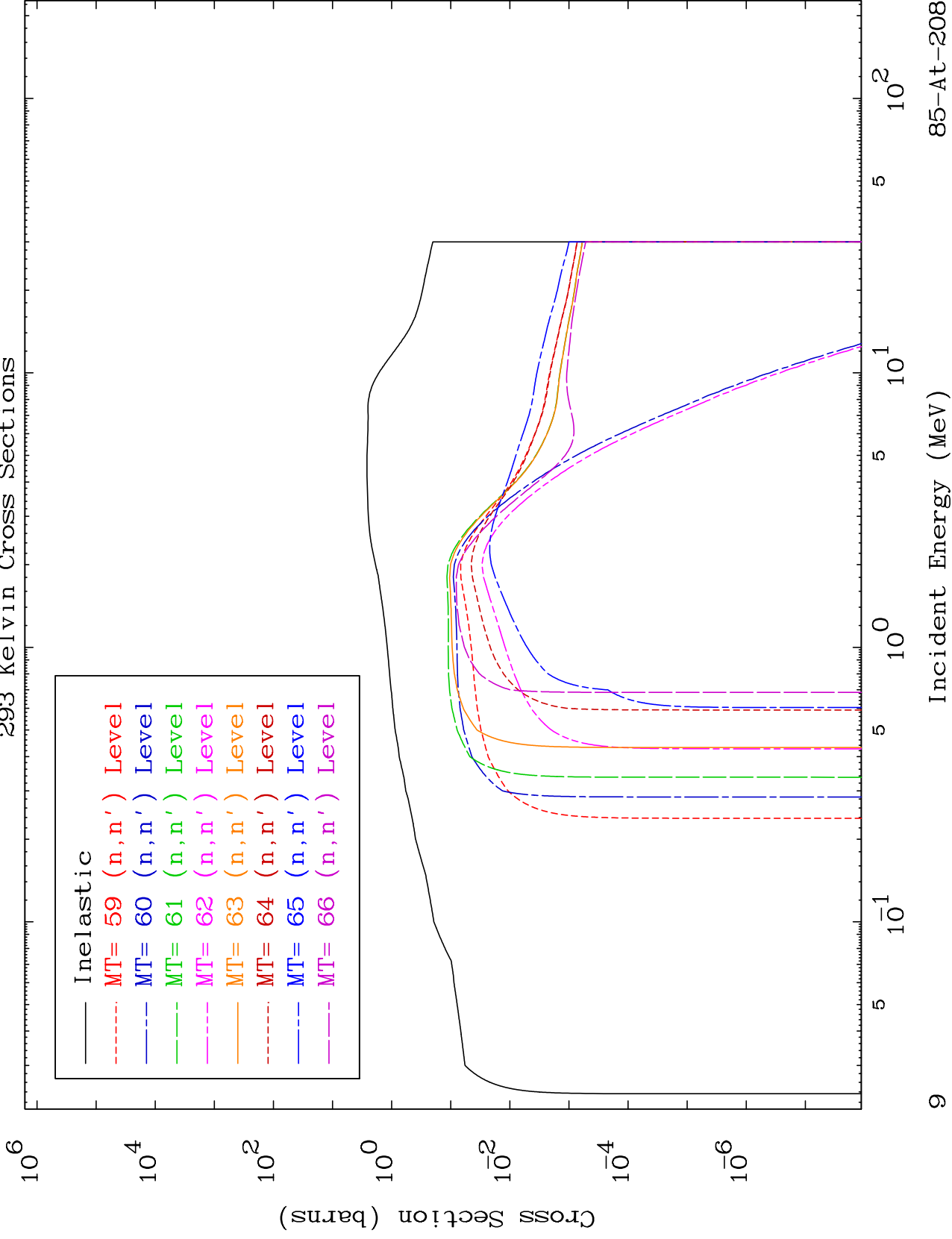
85-At-208



MAT 8540

(n,n') Levels  
293 Kelvin Cross Sections

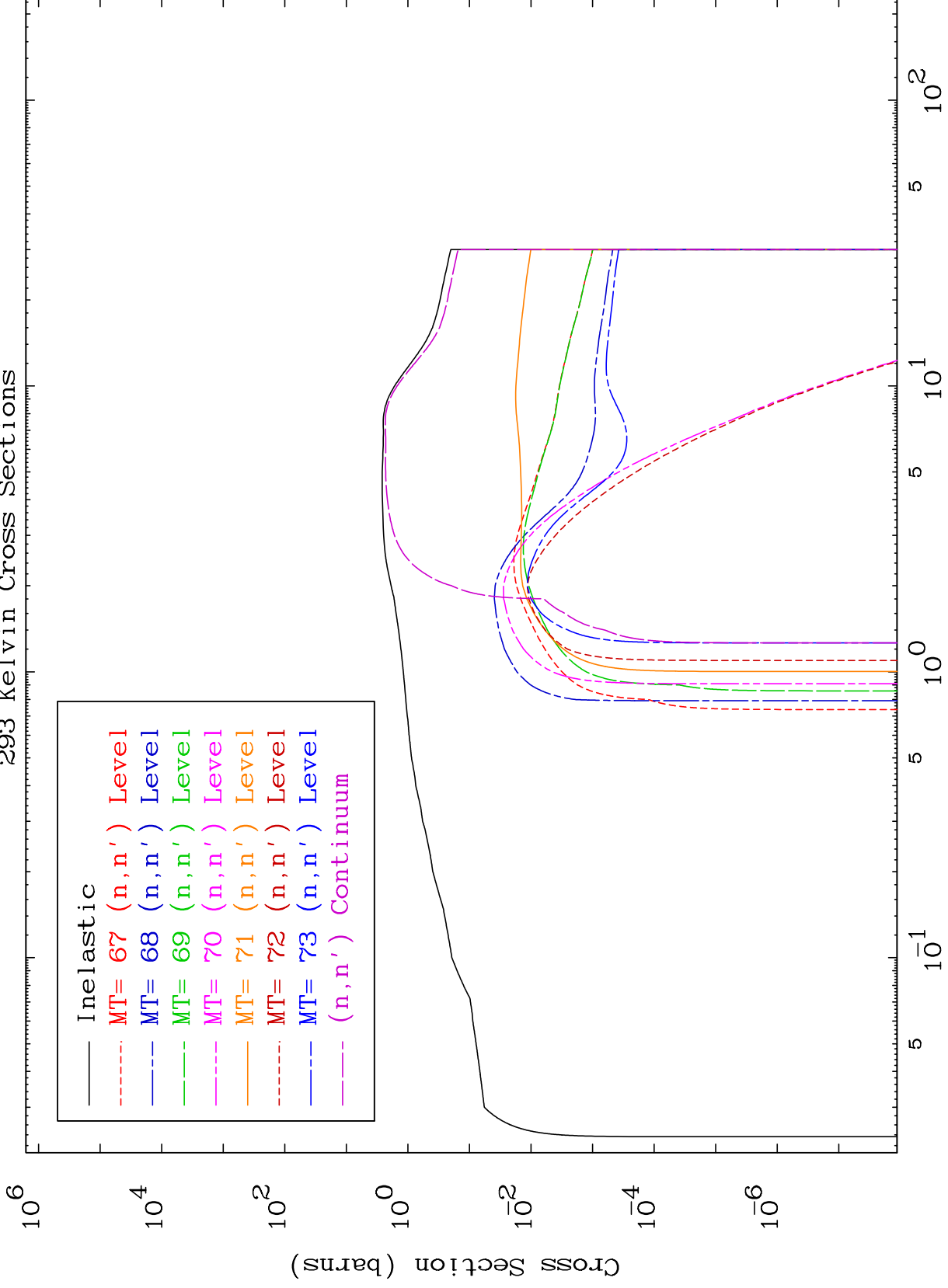
85-At-208



MAT 8540

(n,n') Levels  
293 Kelvin Cross Sections

85-At-208



10

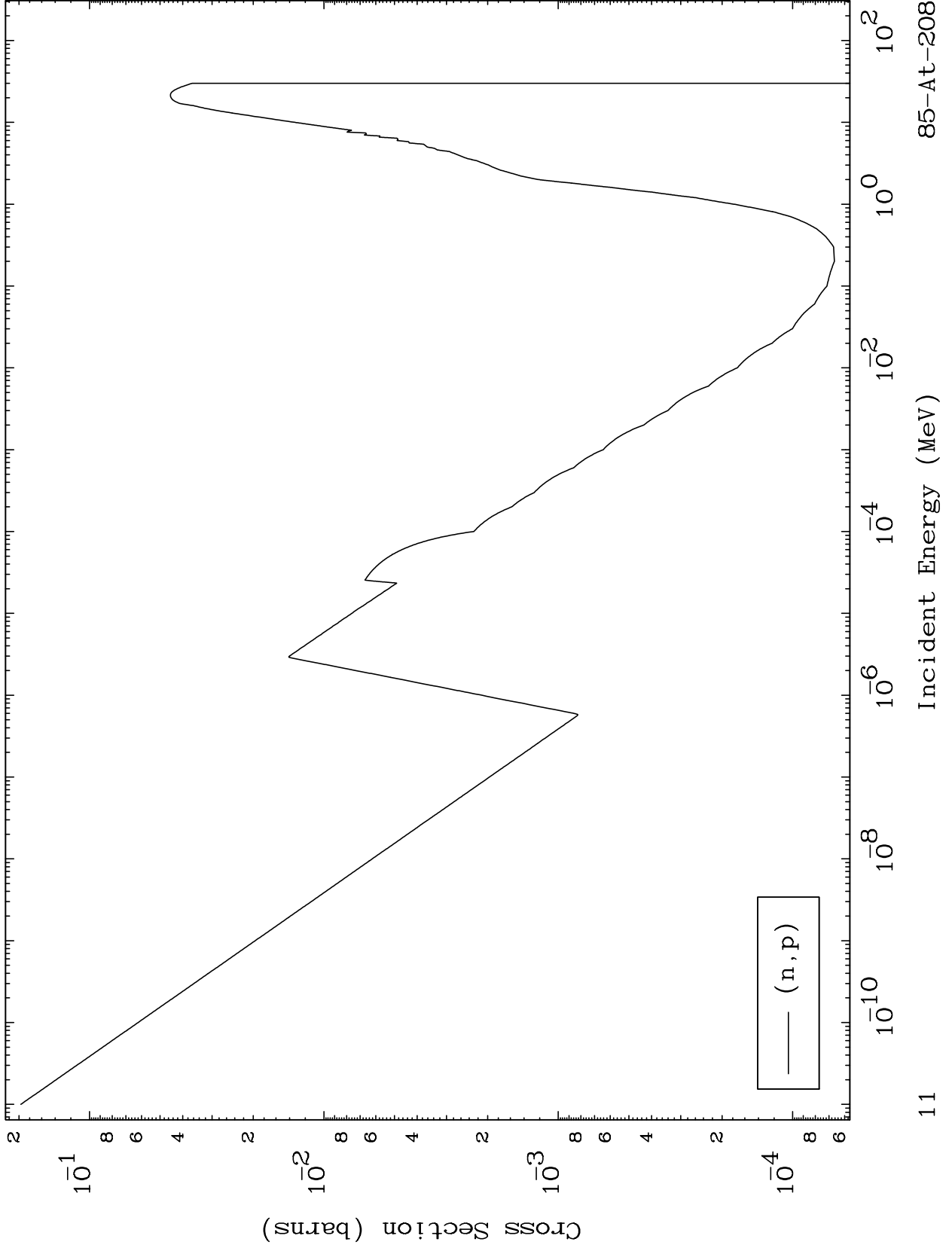
Incident Energy (MeV)

85-At-208

MAT 8540

(n,p) Levels  
293 Kelvin Cross Sections

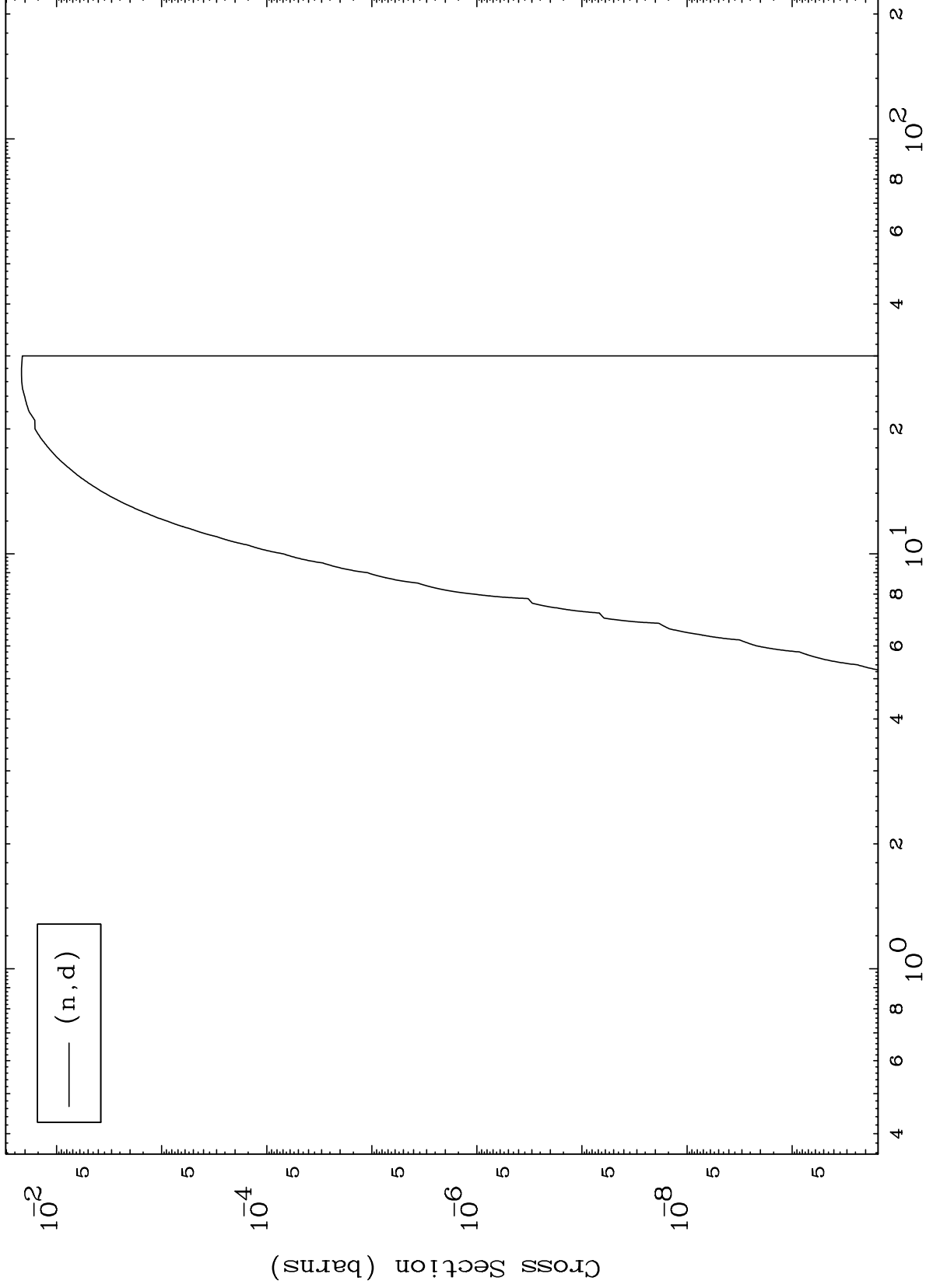
85-At-208



MAT 8540

(n,d) Levels  
293 Kelvin Cross Sections

85-At-208



12

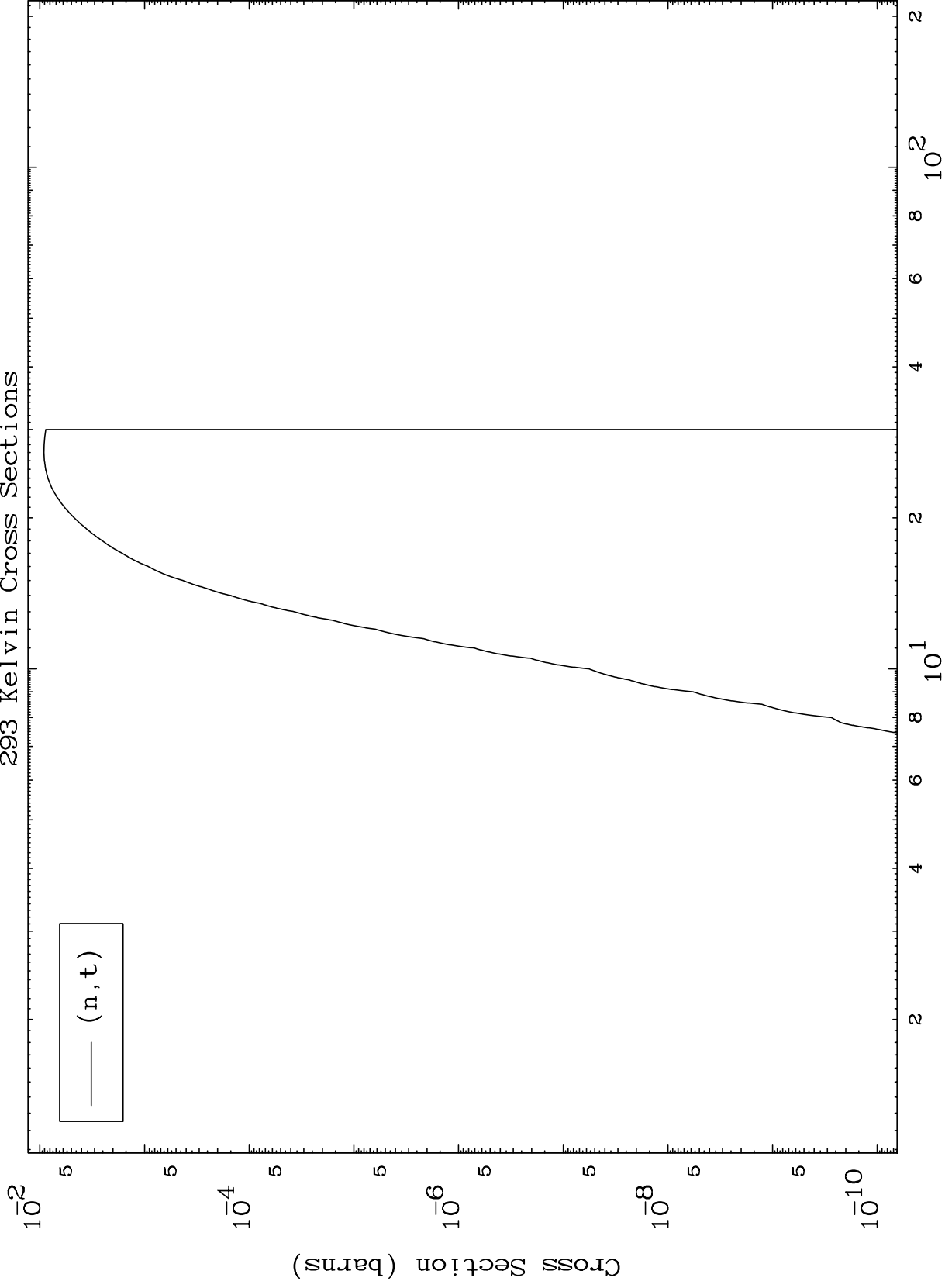
Incident Energy (MeV)

85-At-208

MAT 8540

(n,t) Levels  
293 Kelvin Cross Sections

85-At-208



13

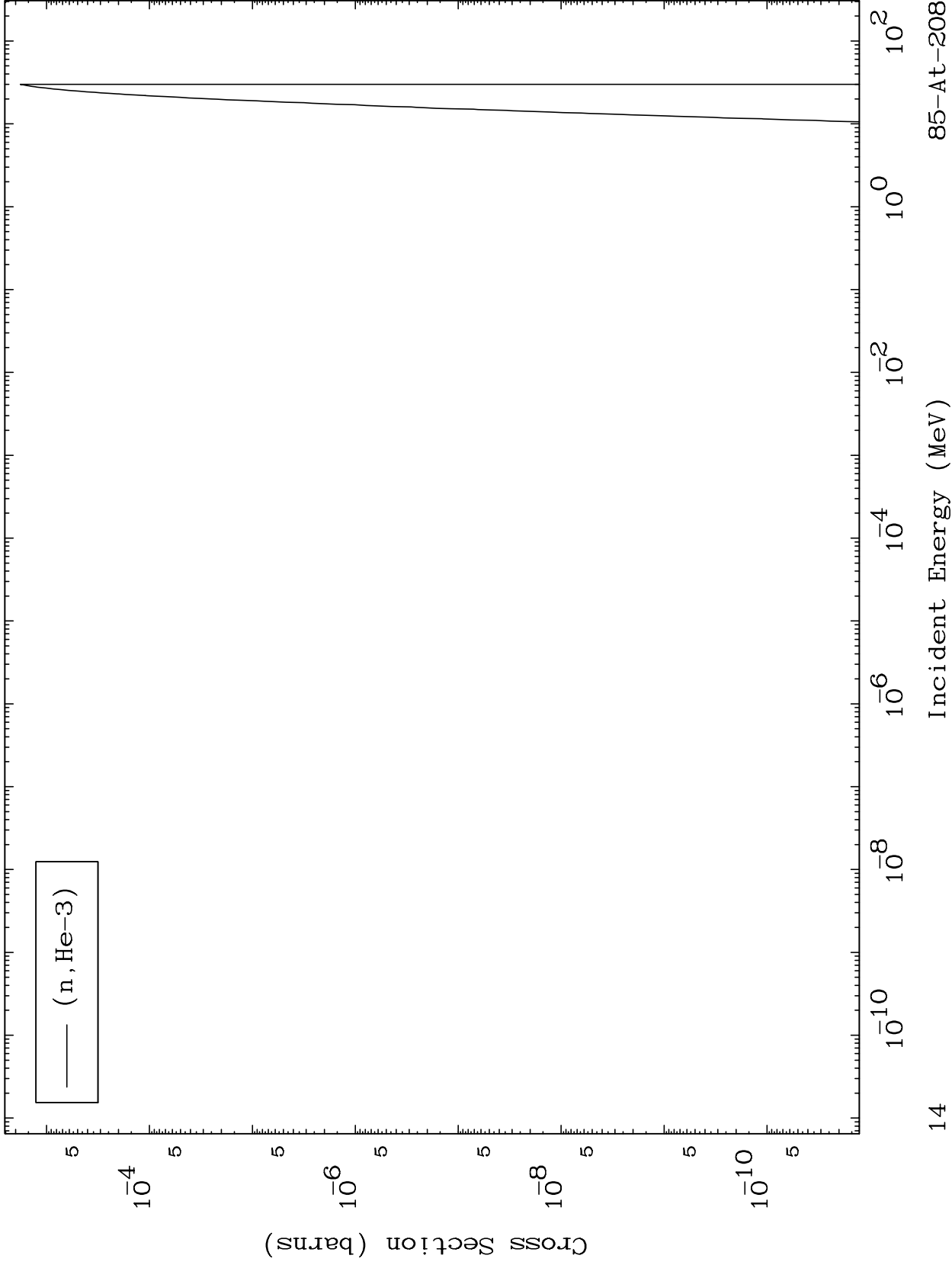
Incident Energy (MeV)

85-At-208

MAT 8540

(n,He3) Levels  
293 Kelvin Cross Sections

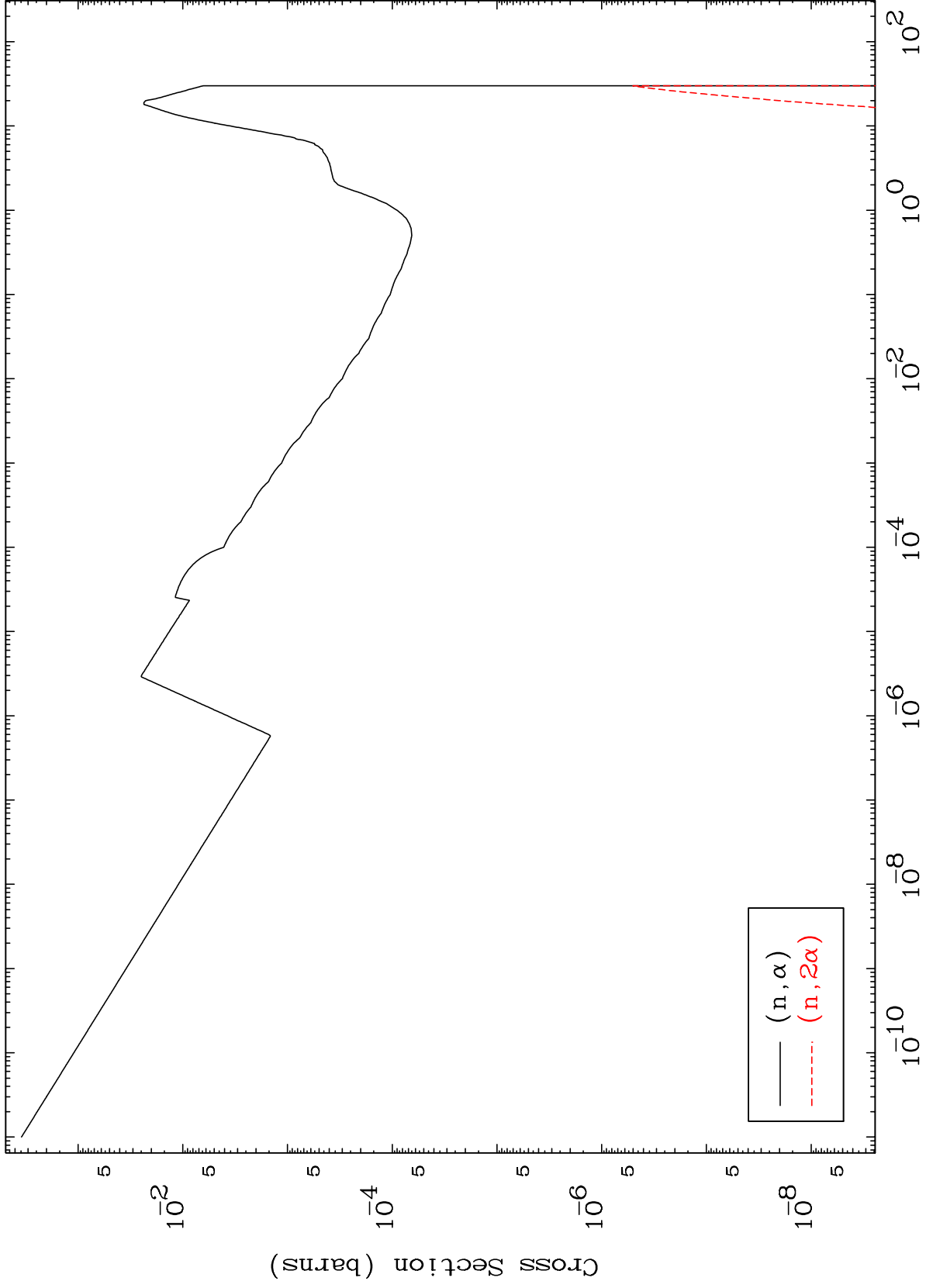
85-At-208



MAT 8540

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

85-At-208



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Incident Energy (MeV)

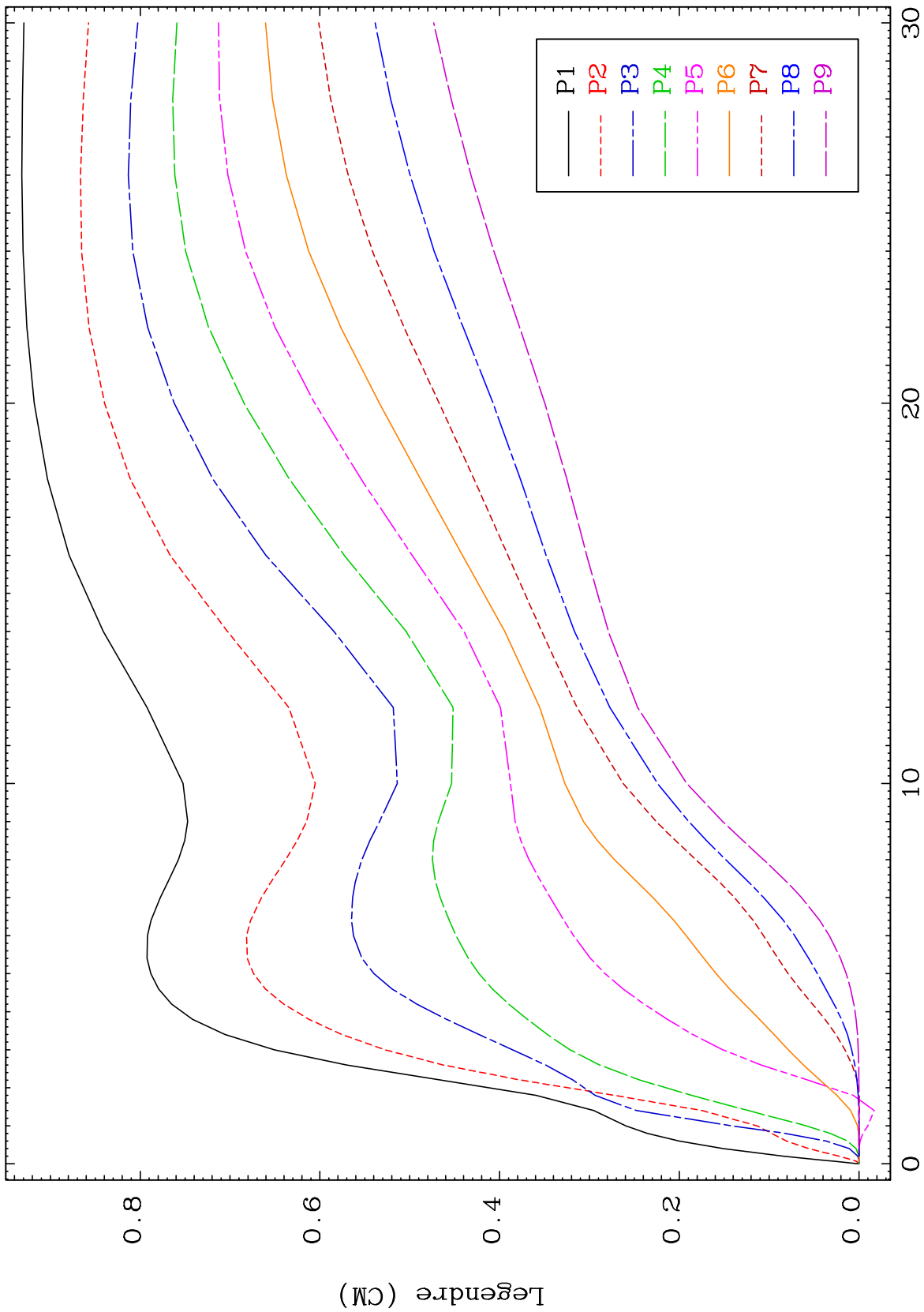
85-At-208



MAT 8540

85-At-208

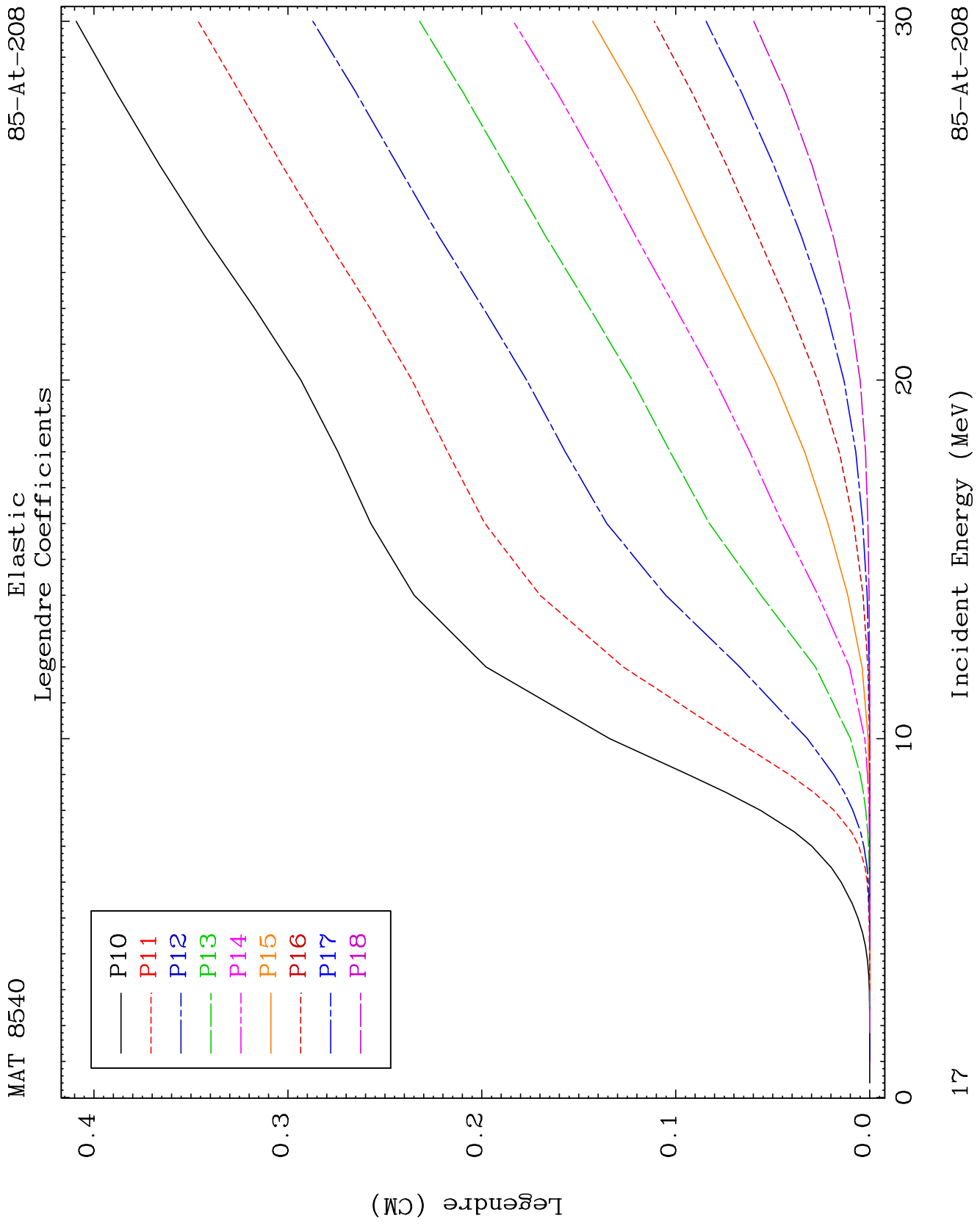
Elastic Legendre Coefficients



85-At-208

Incident Energy (MeV)

16



MAT 8540

85-At-208

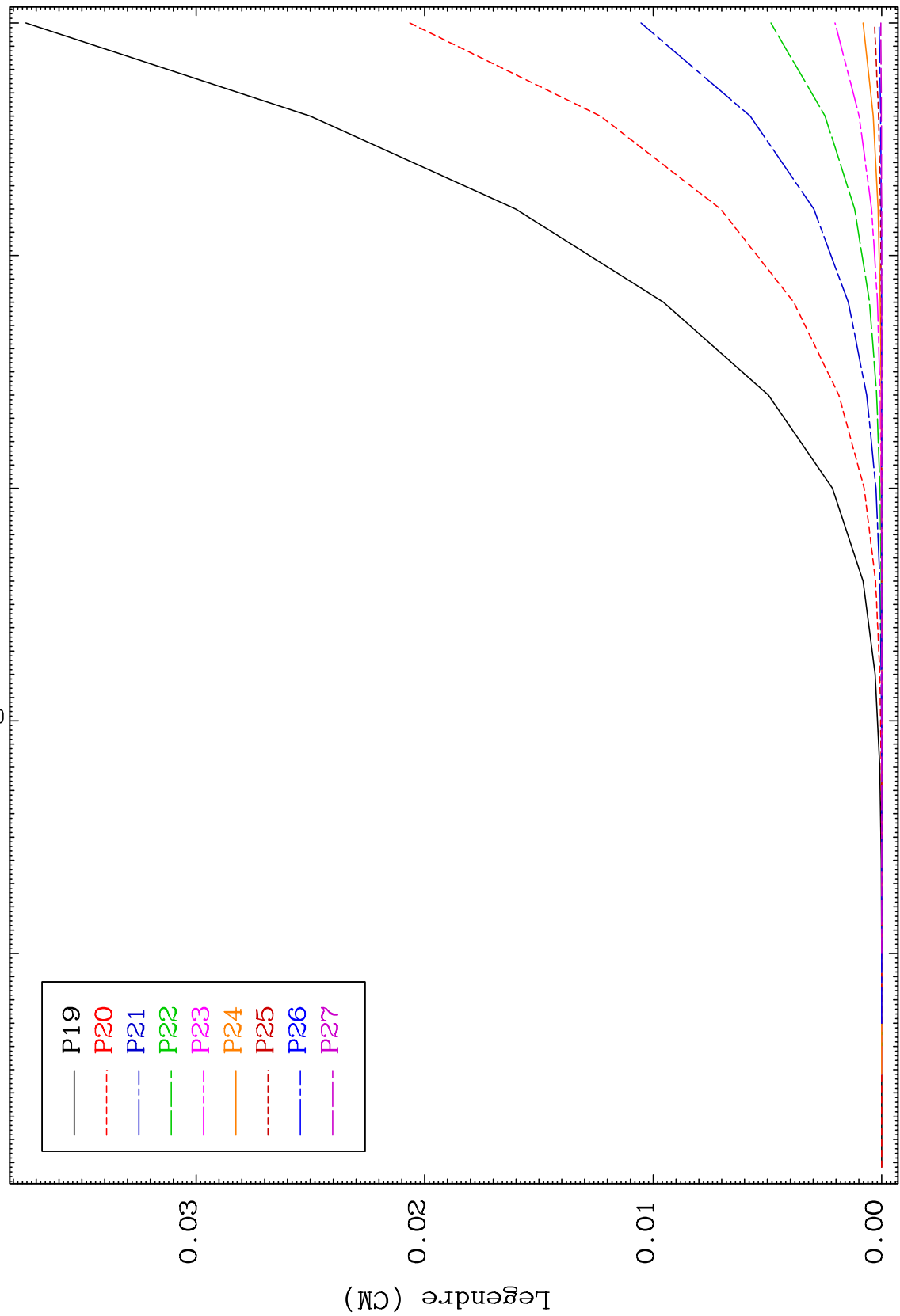
17

85-At-208

MAT 8540

Elastic Legendre Coefficients

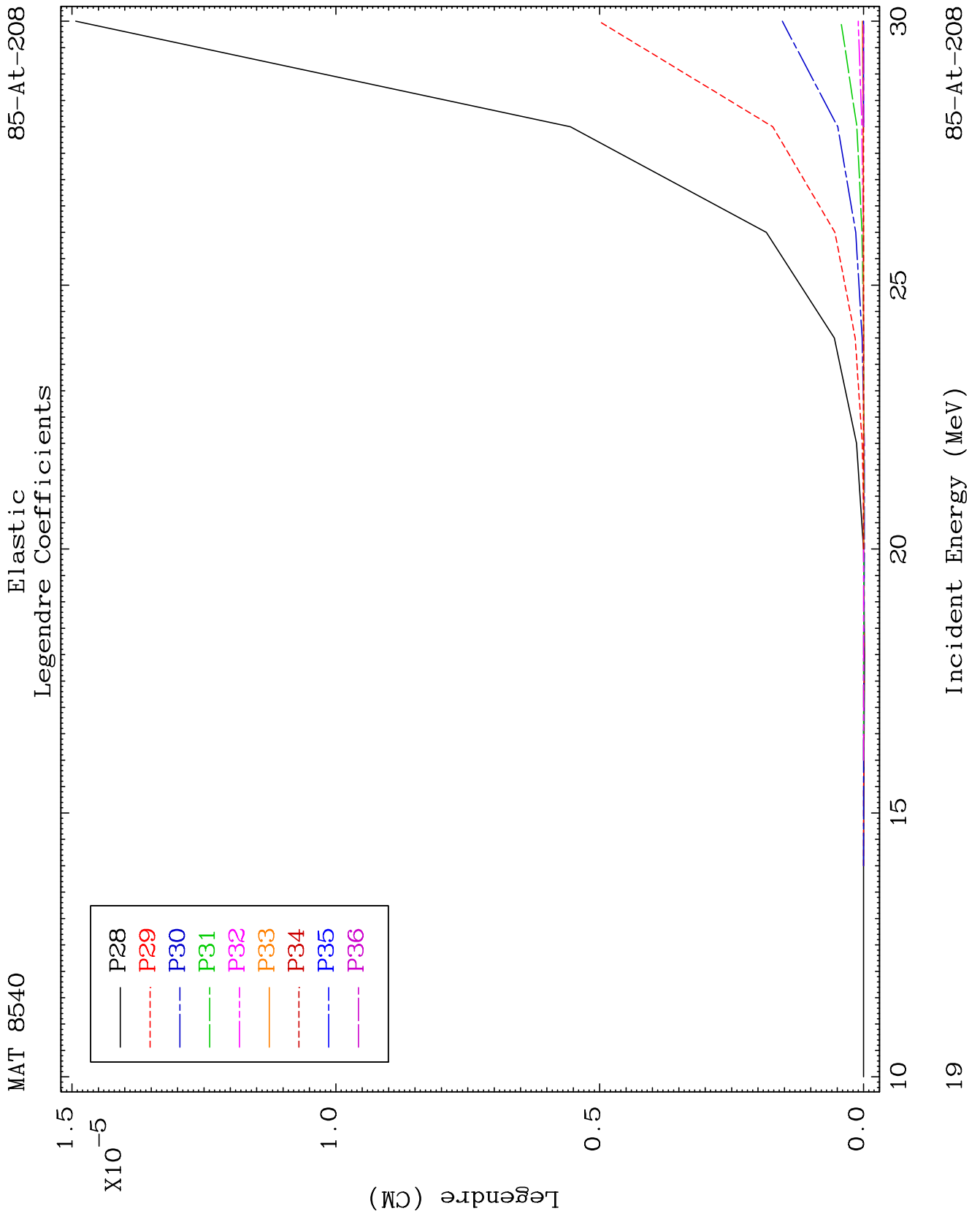
85-At-208



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Incident Energy (MeV)

85-At-208

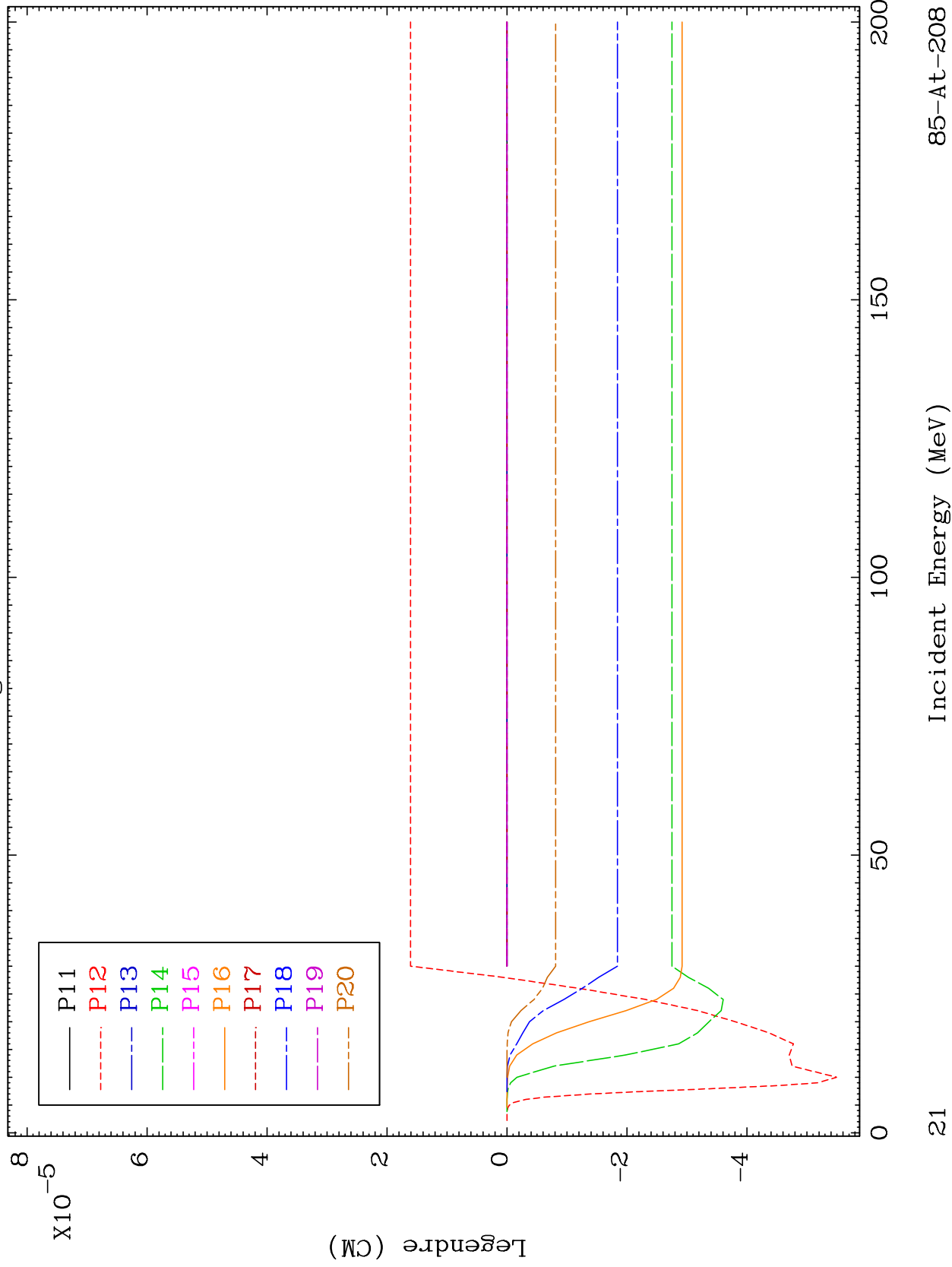


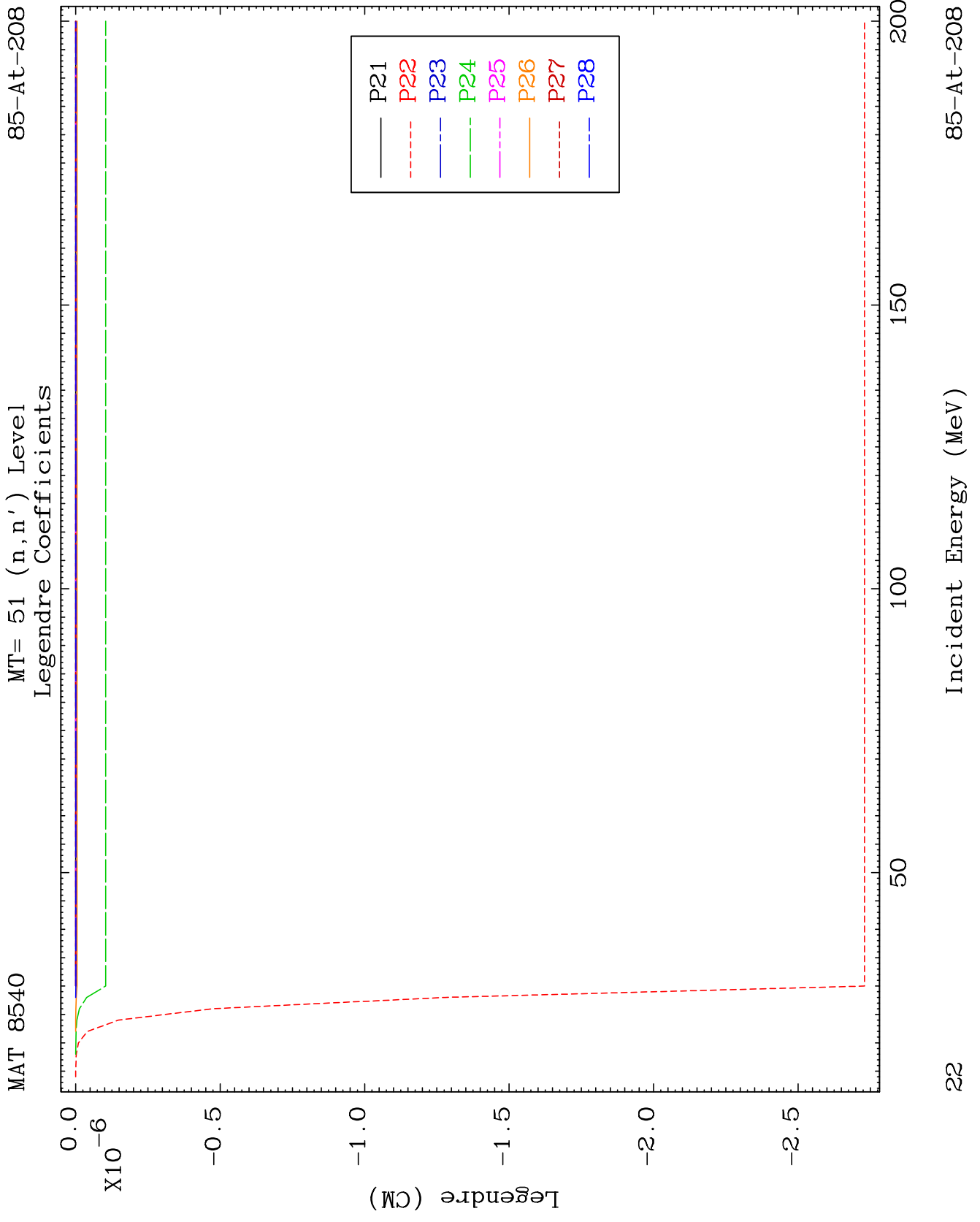


MAT 8540

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

85-At-208

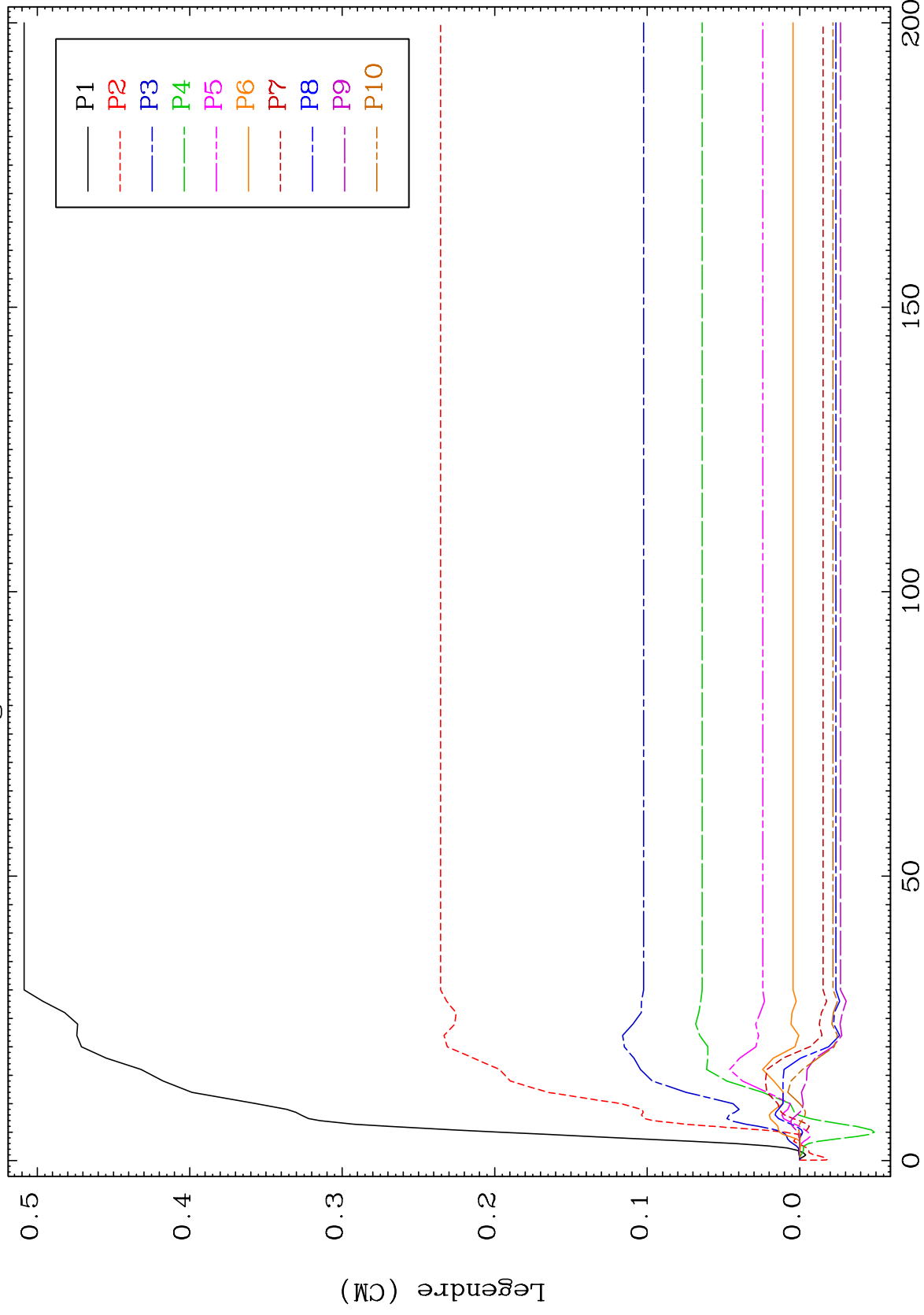




MAT 8540

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

85-At-208



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Incident Energy (MeV)

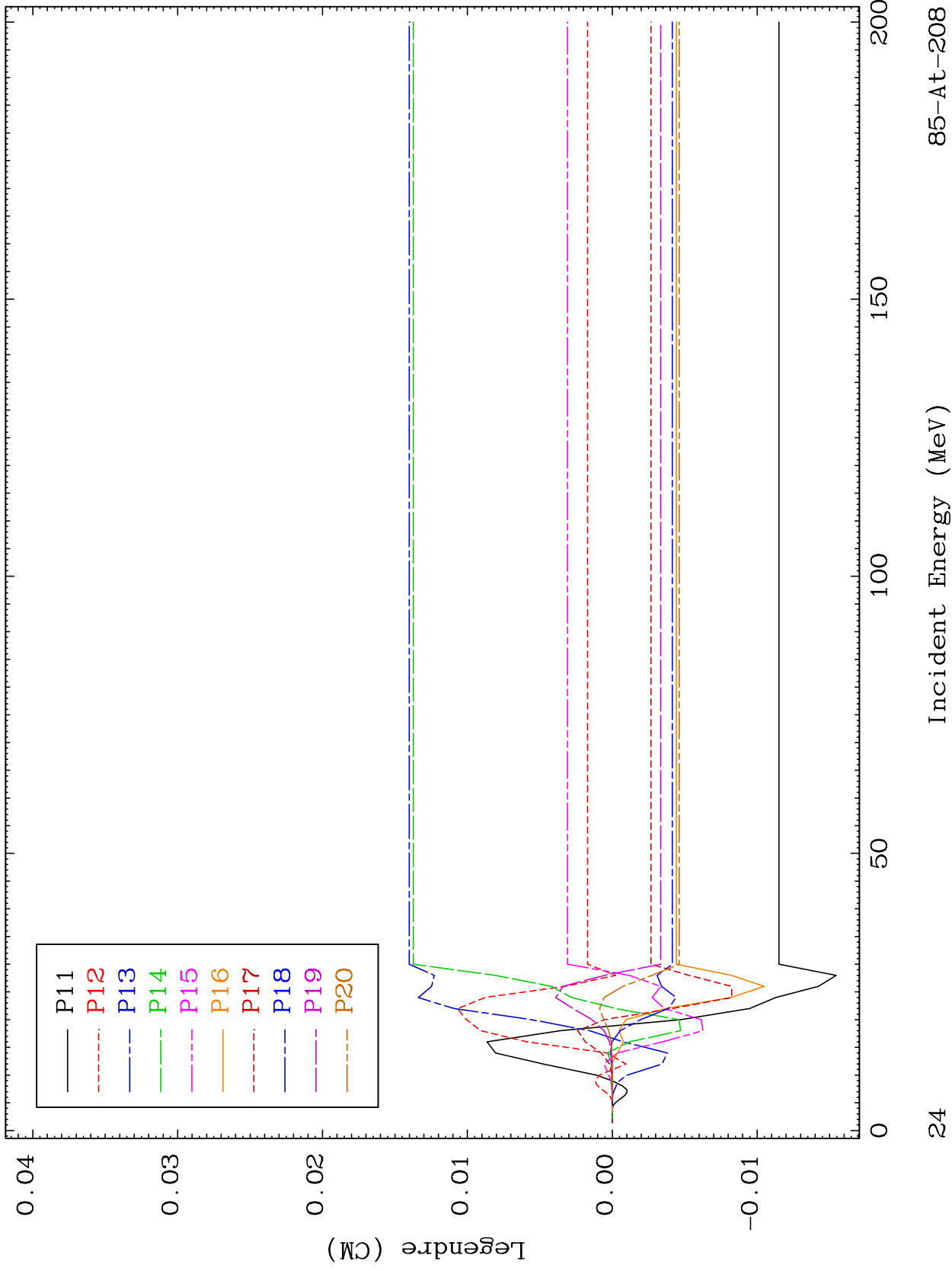
85-At-208



MAT 8540

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

85-At-208



24

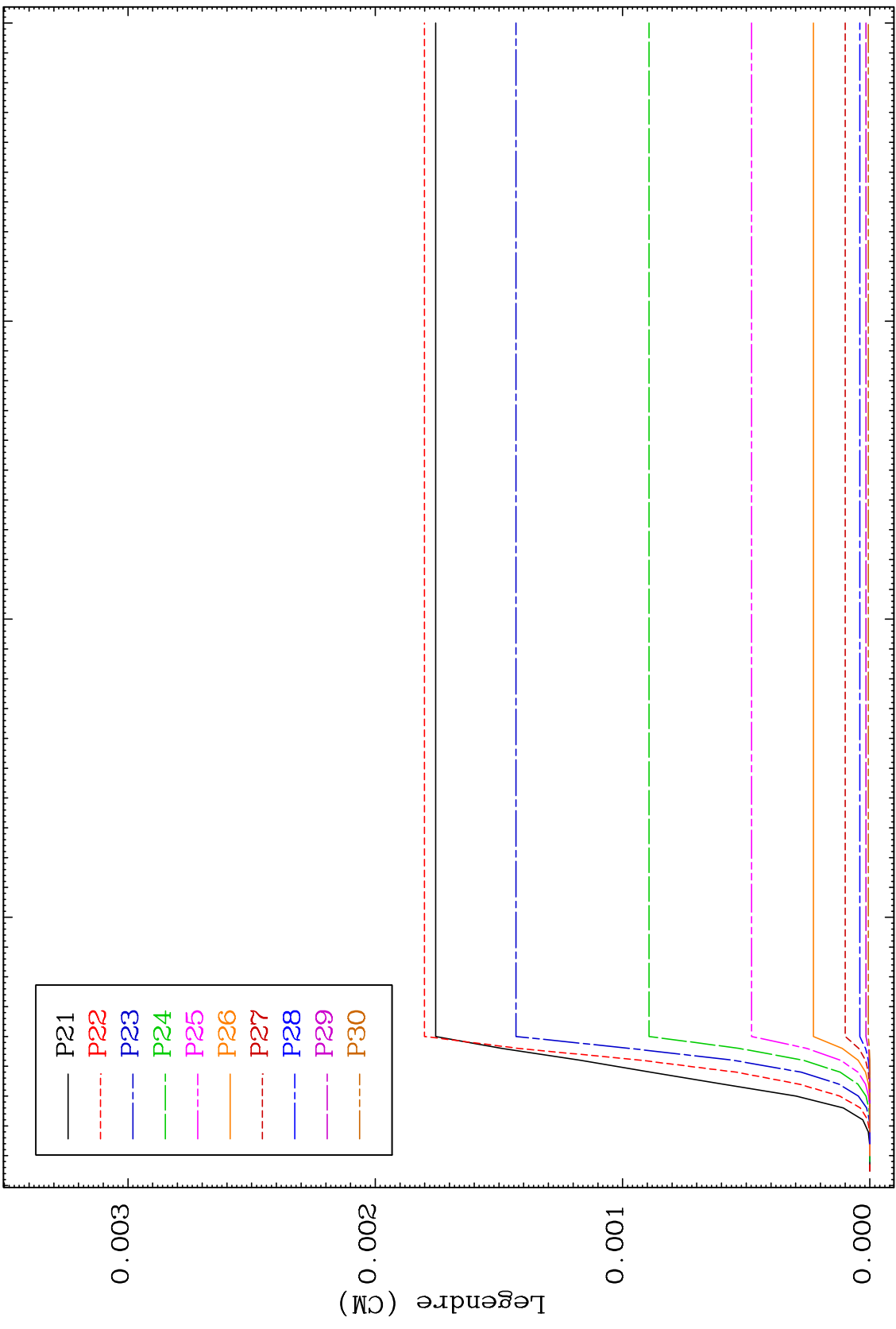
Incident Energy (MeV)

85-At-208

MAT 8540

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

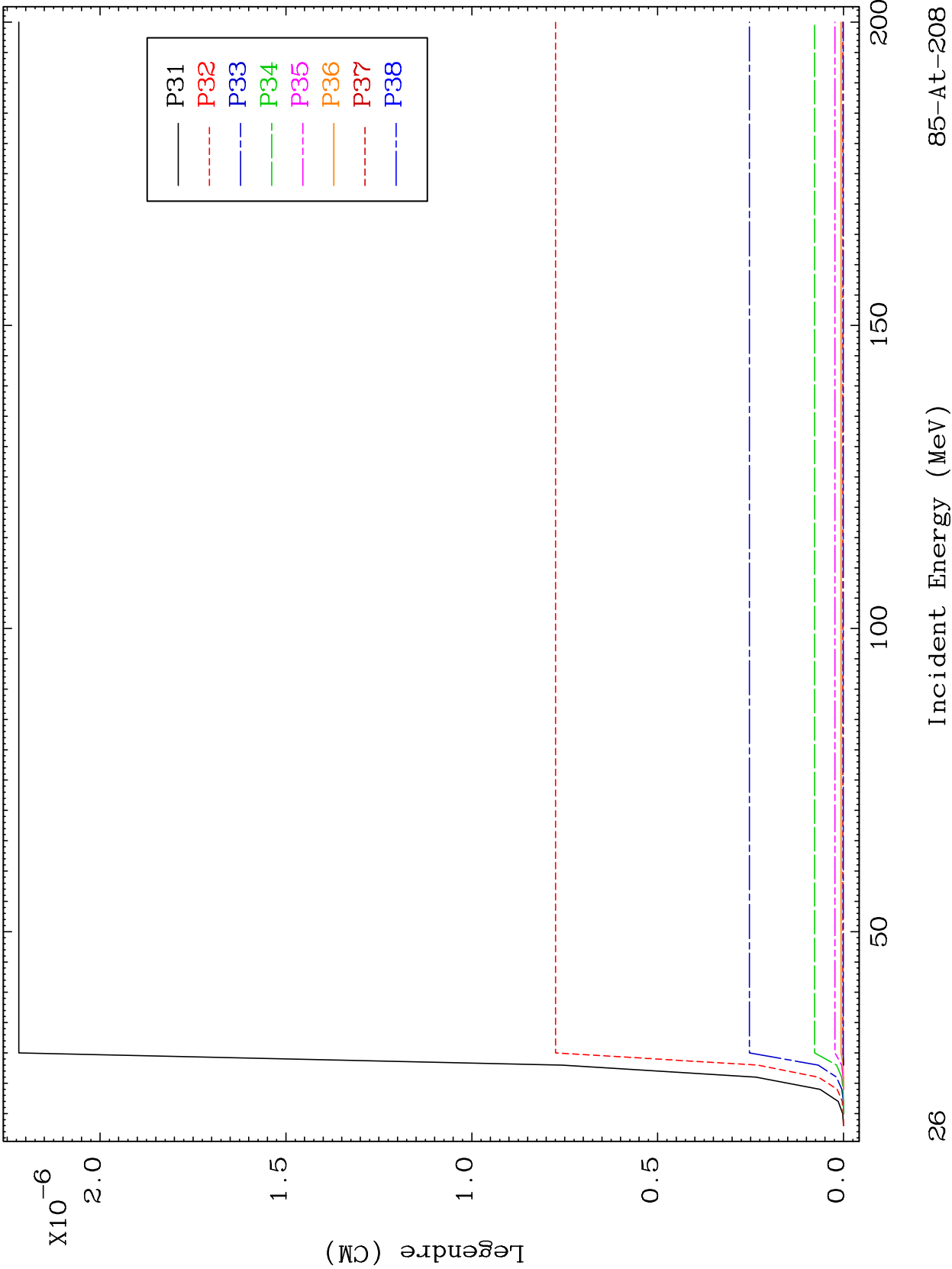
85-At-208



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Incident Energy (MeV)

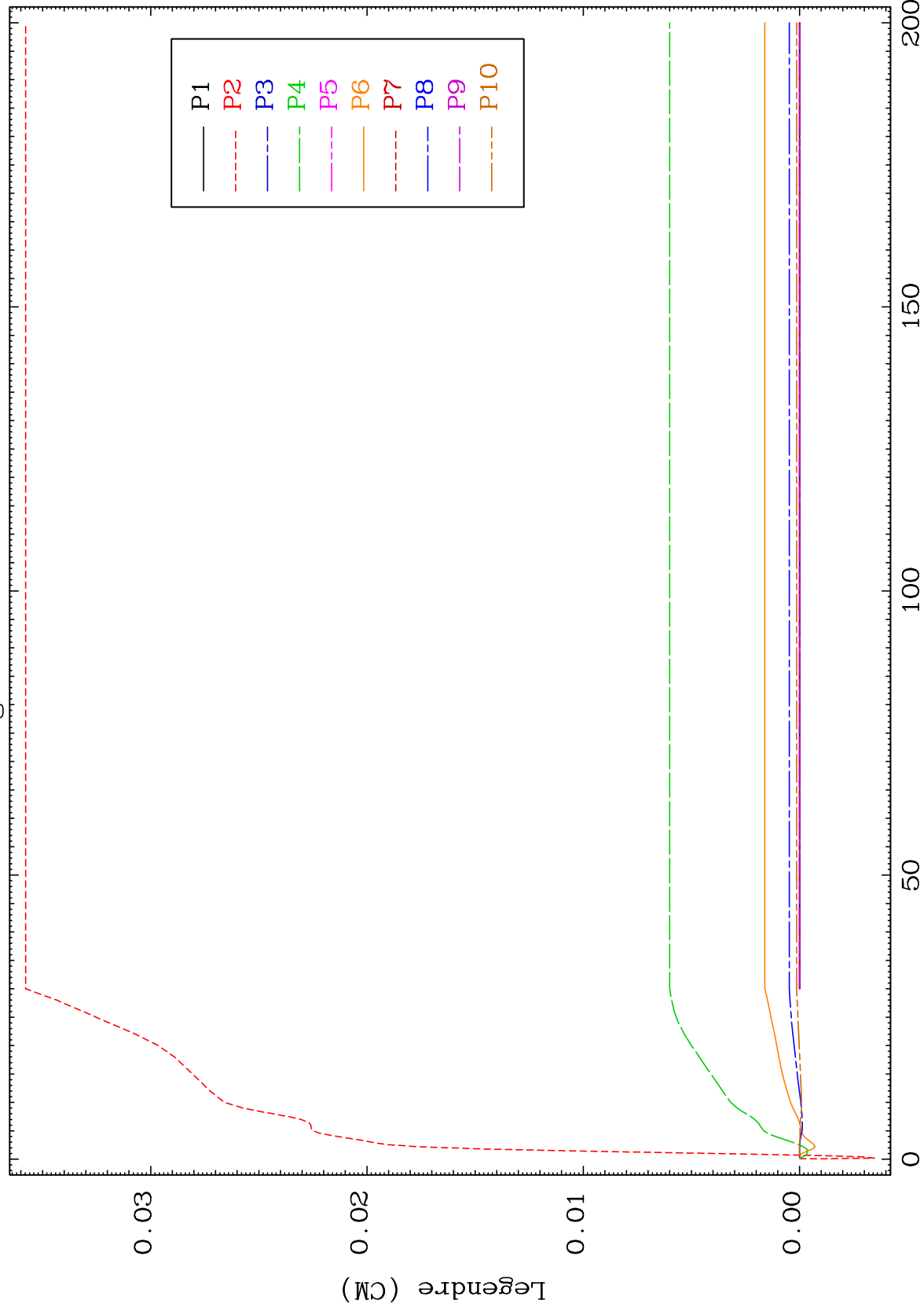
85-At-208



MAT 8540

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

85-At-208



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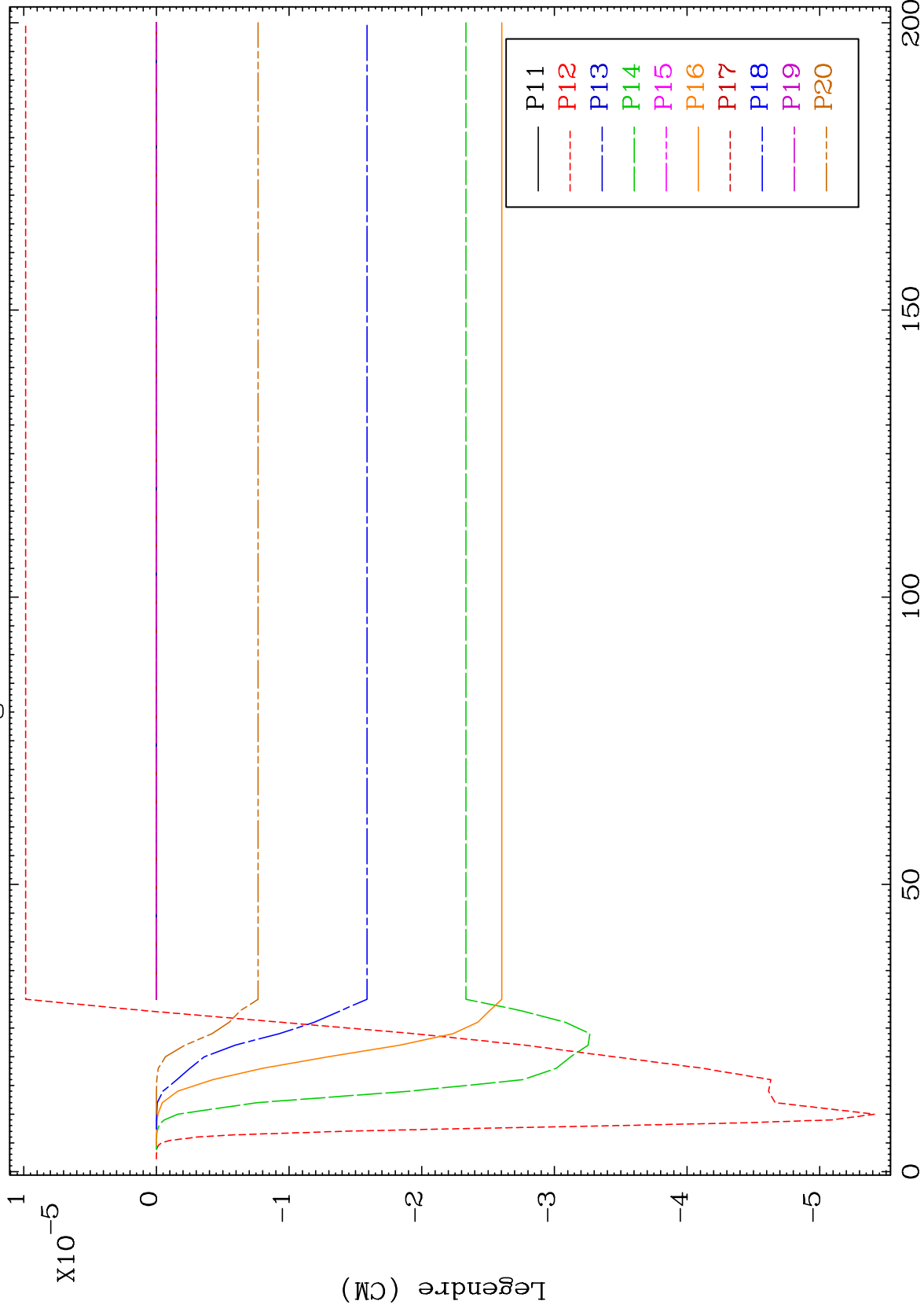
Incident Energy (MeV)

85-At-208

MAT 8540

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

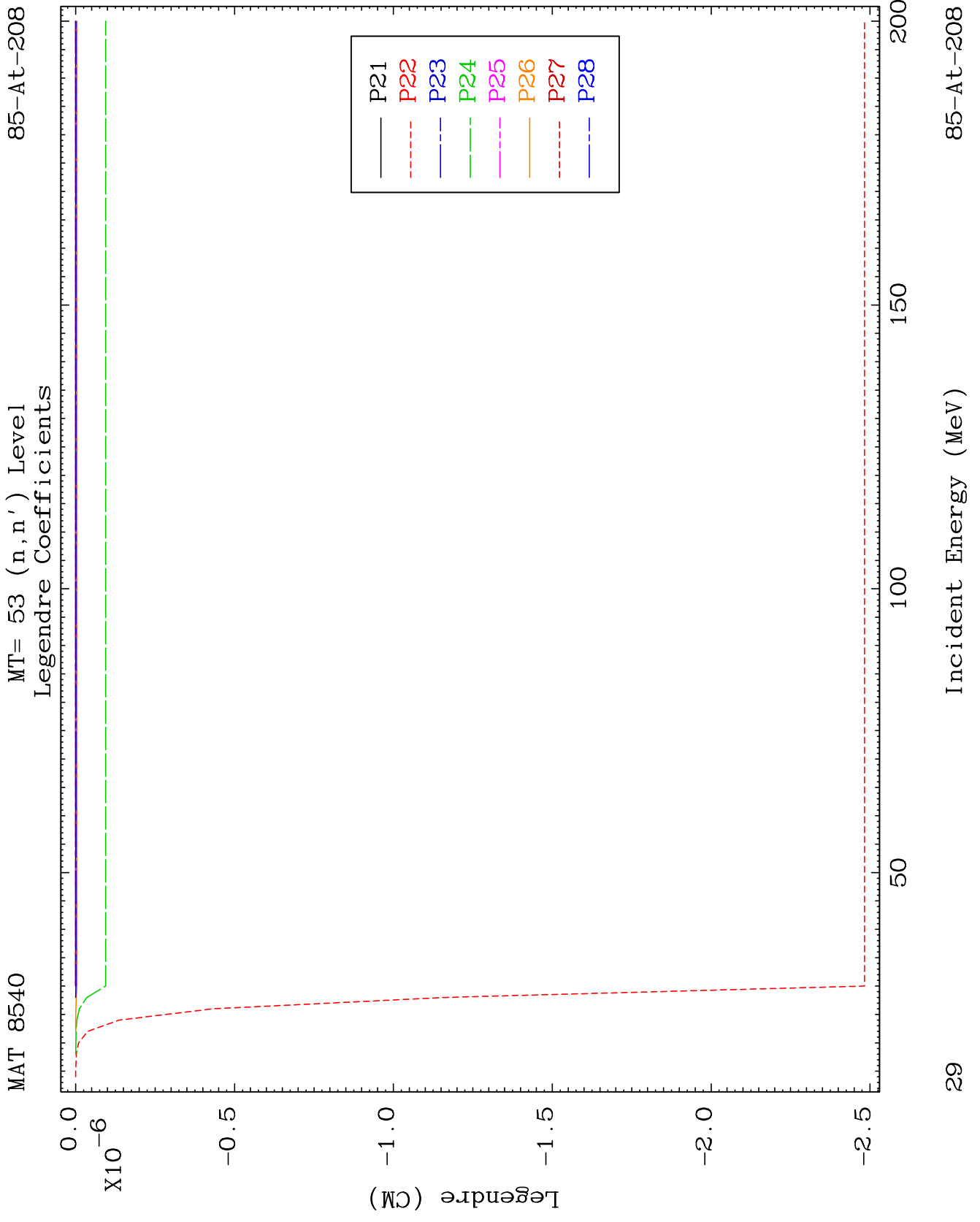
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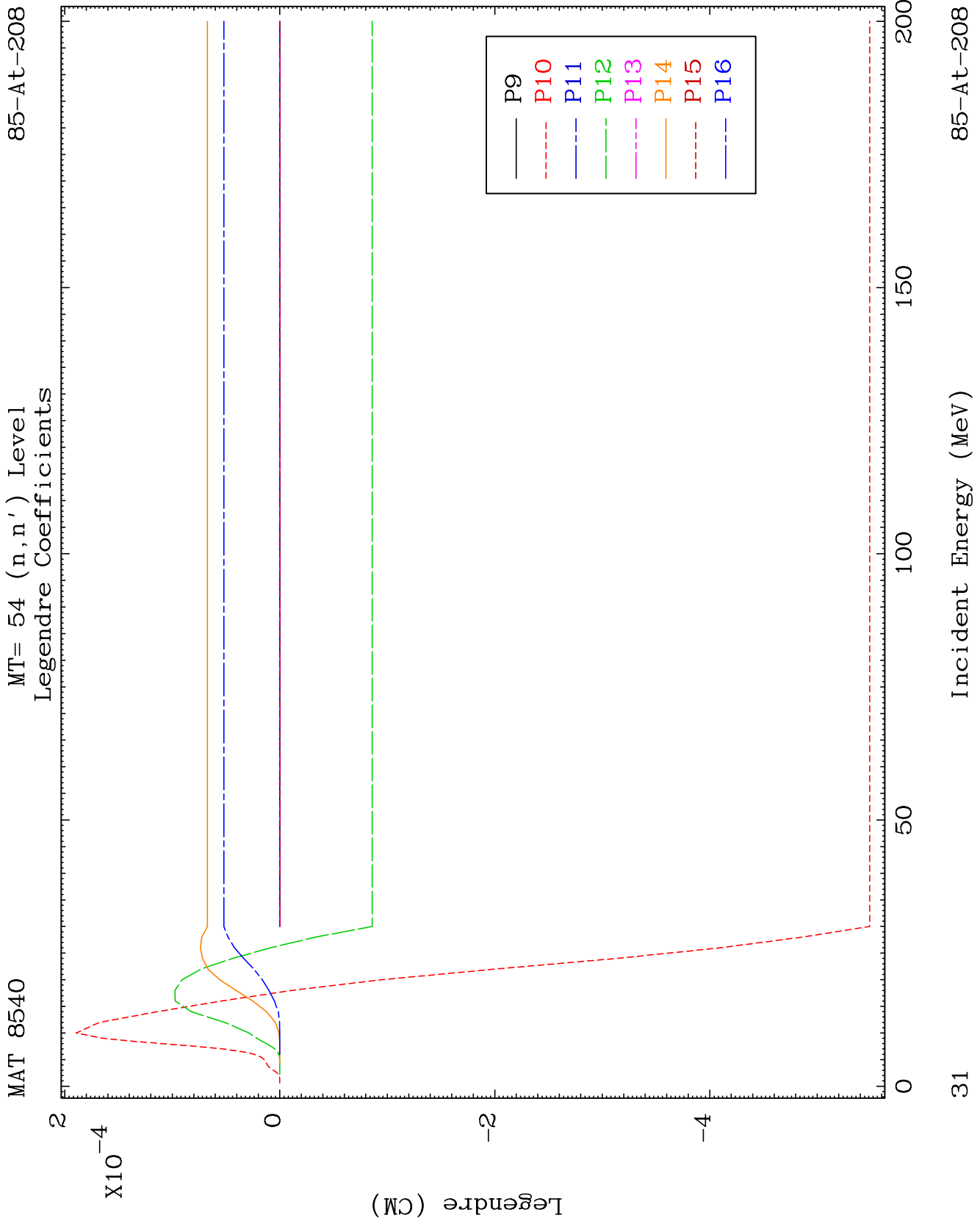
28

Incident Energy (MeV)

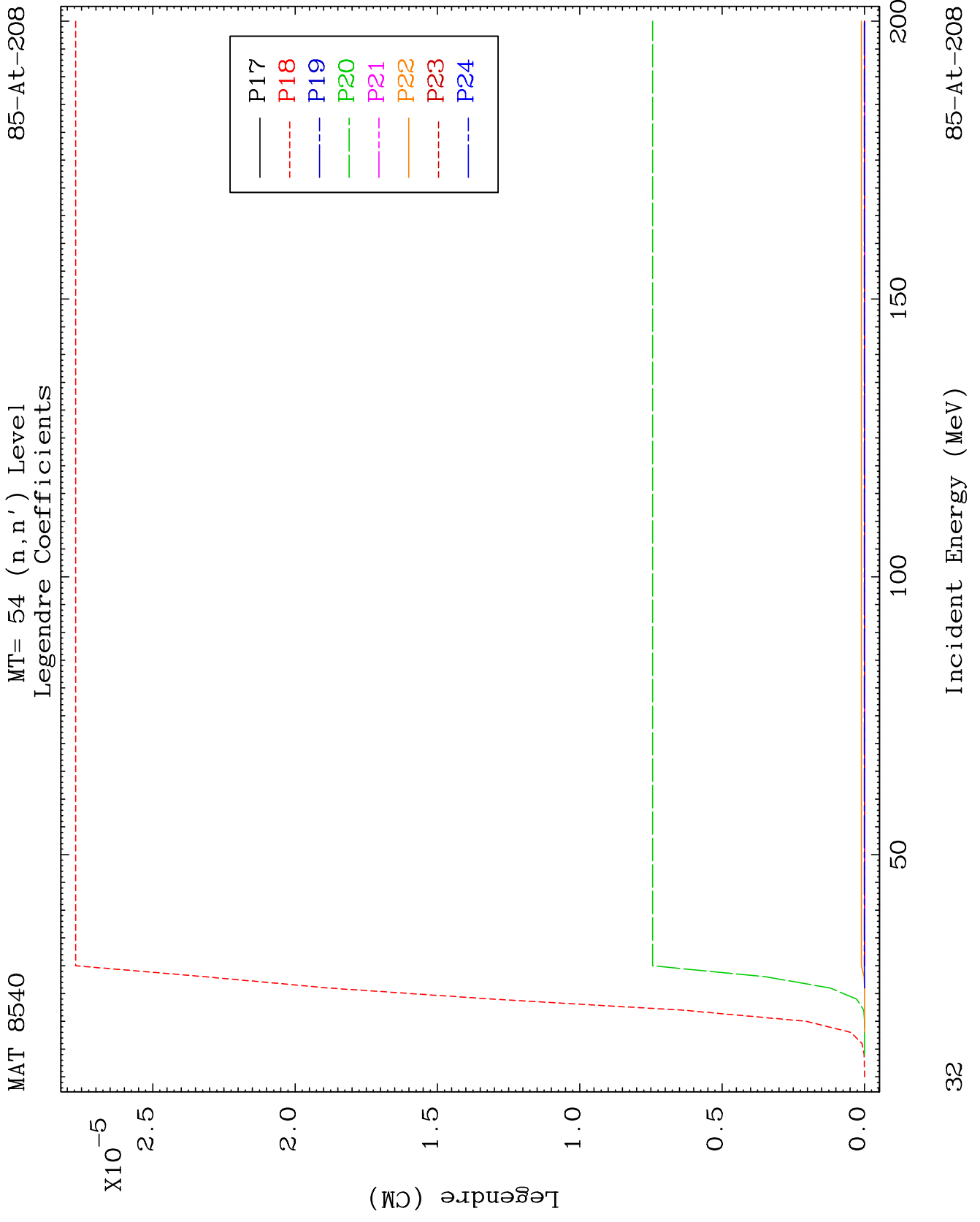
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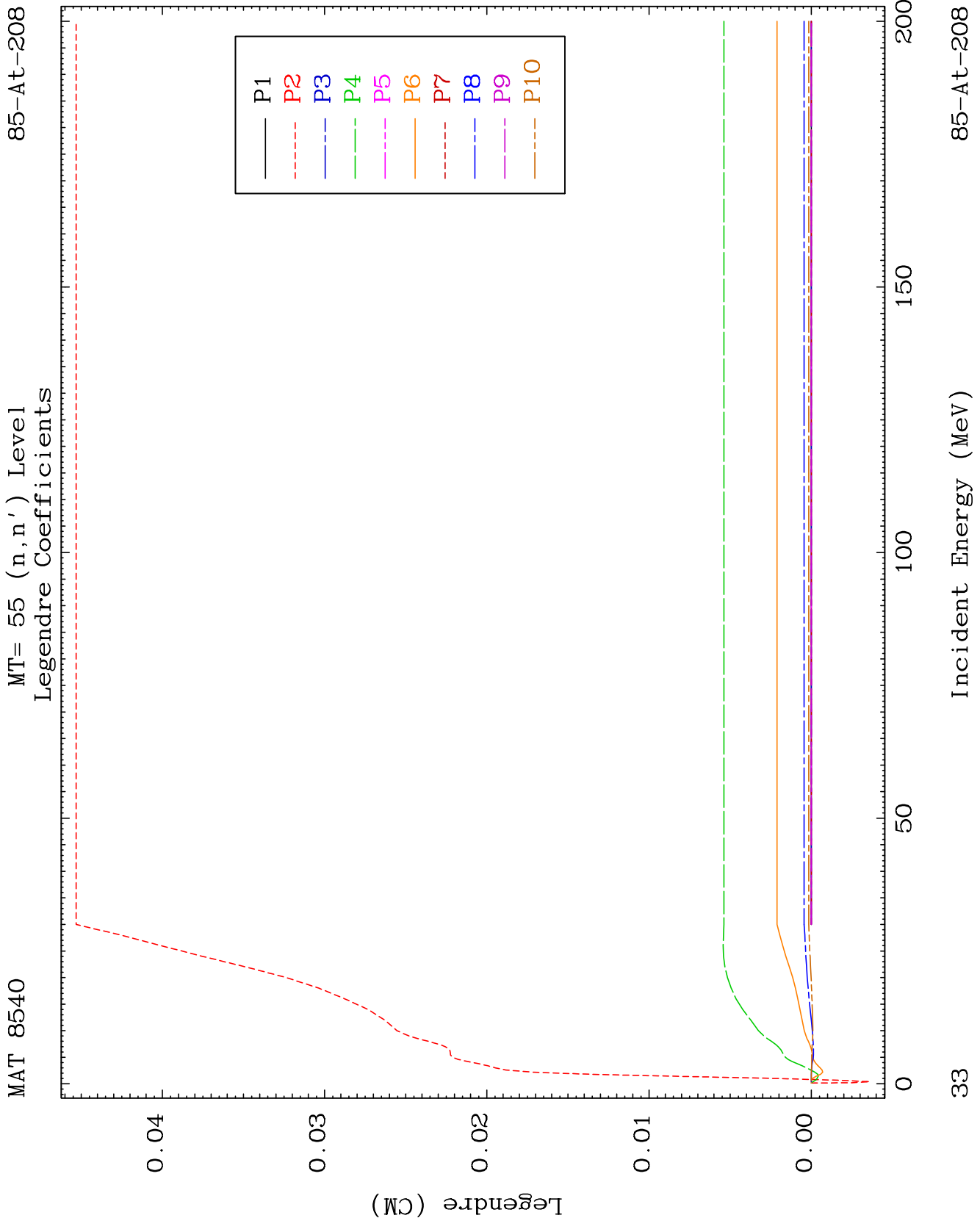








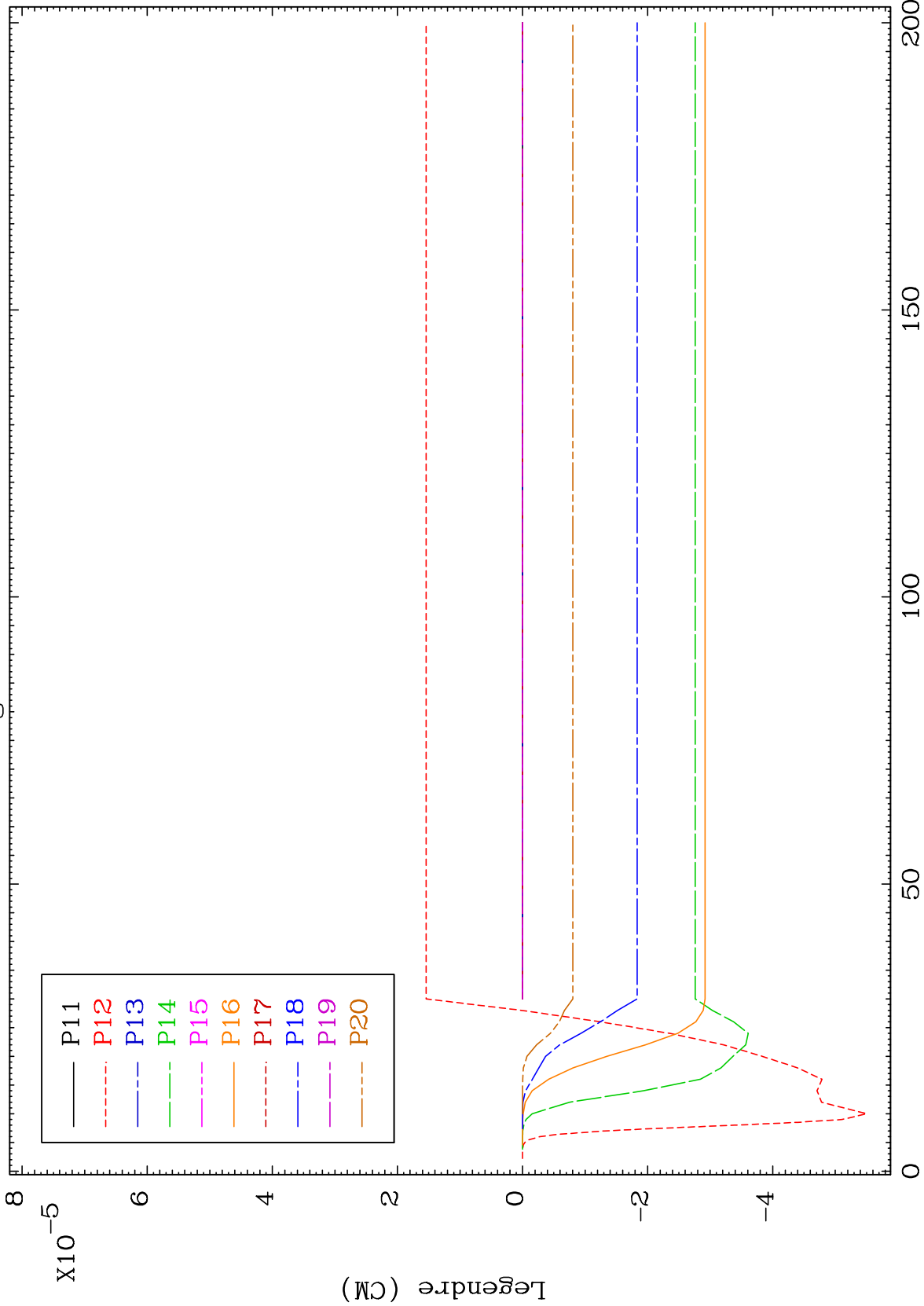




MAT 8540

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

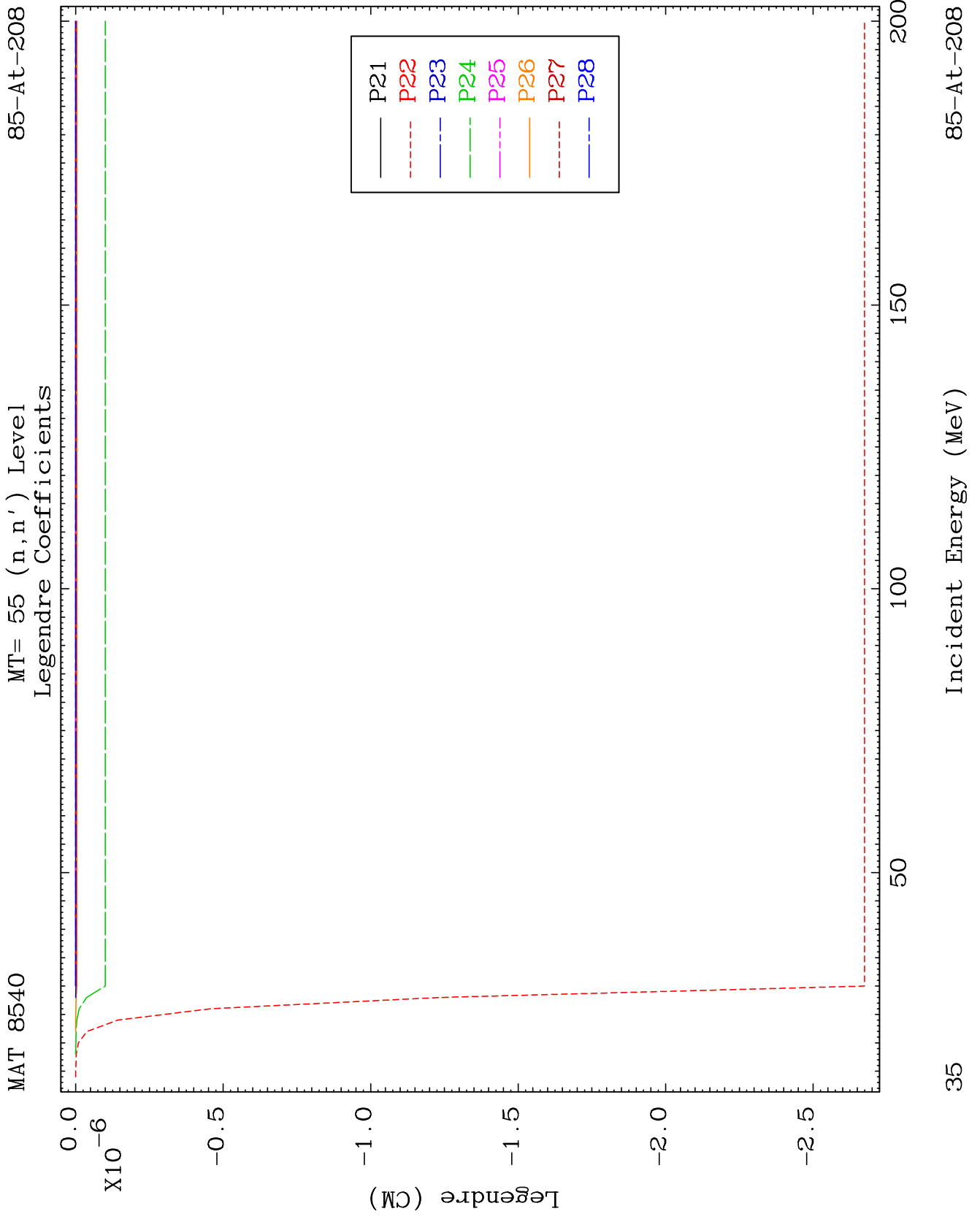
85-At-208



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Incident Energy (MeV)

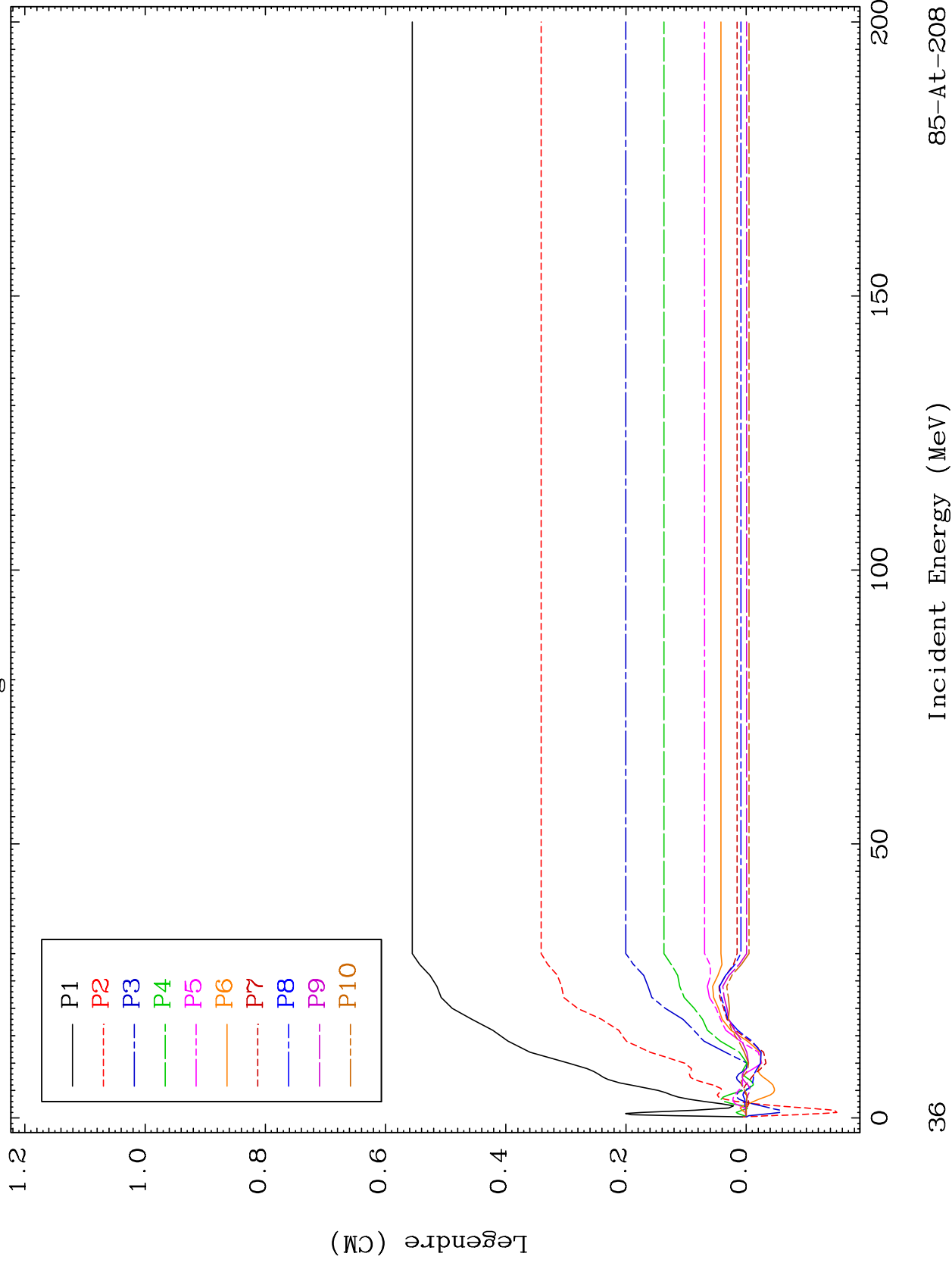
85-At-208



MAT 8540

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

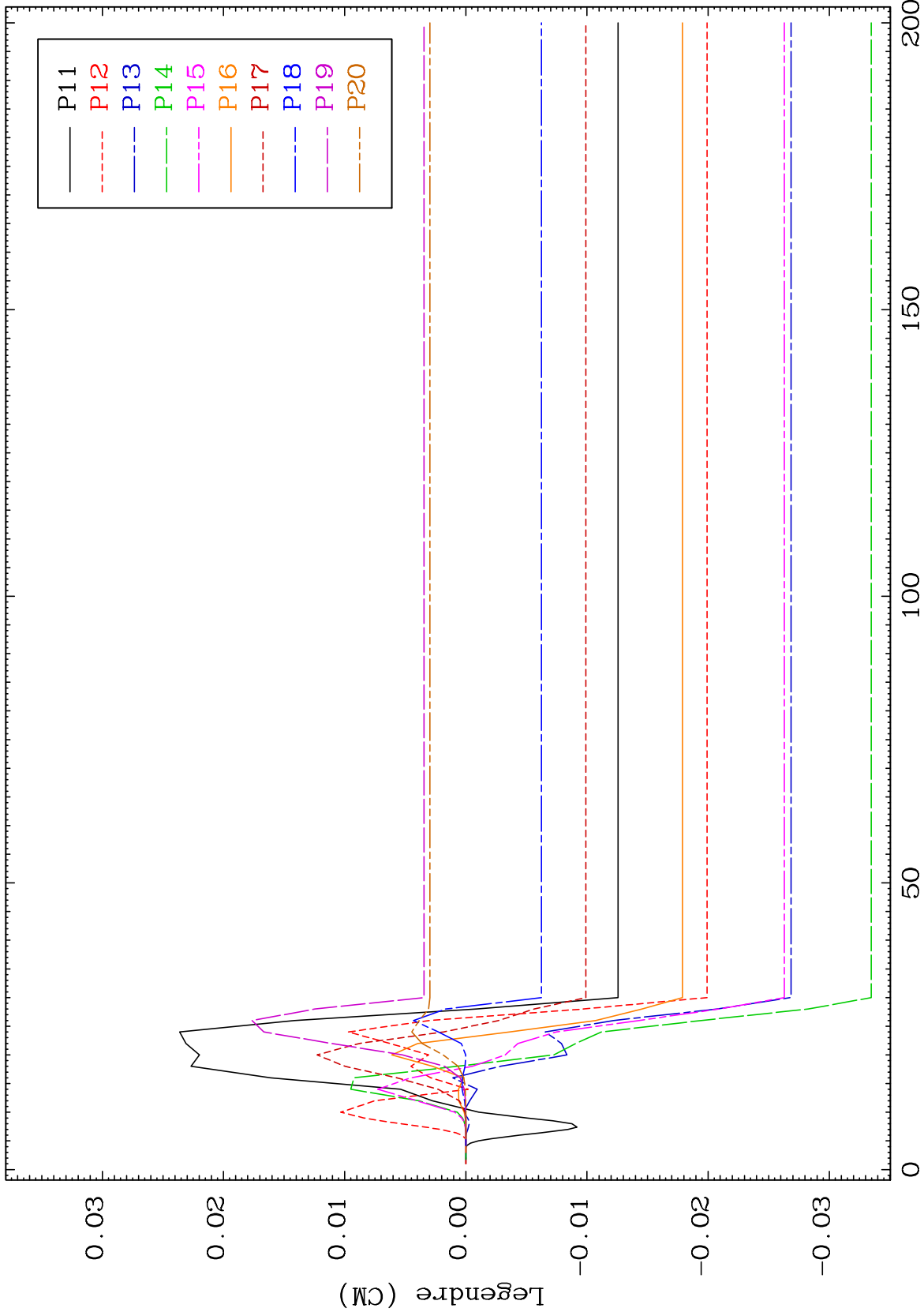
85-At-208



MAT 8540

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

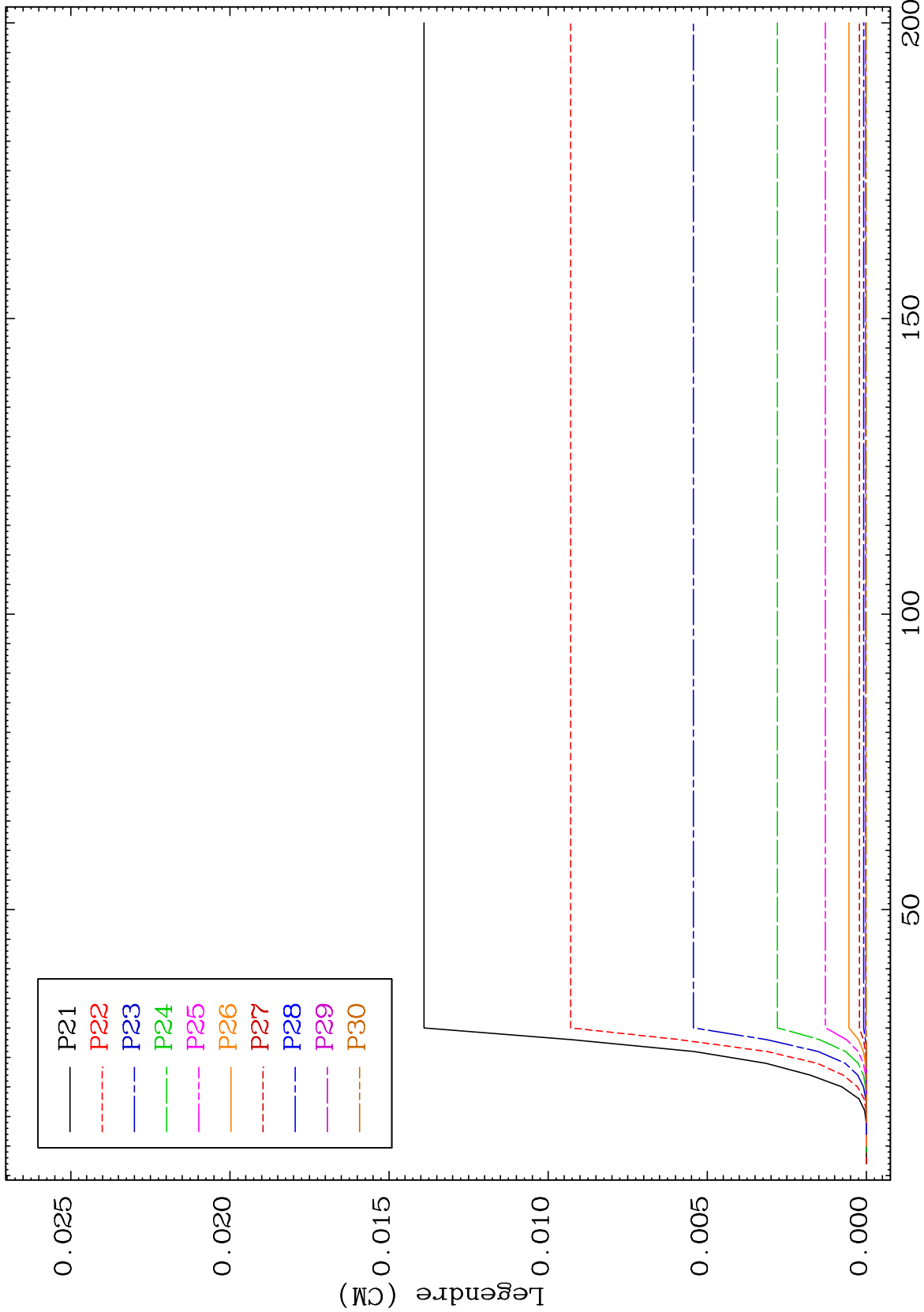
85-At-208



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Incident Energy (MeV)

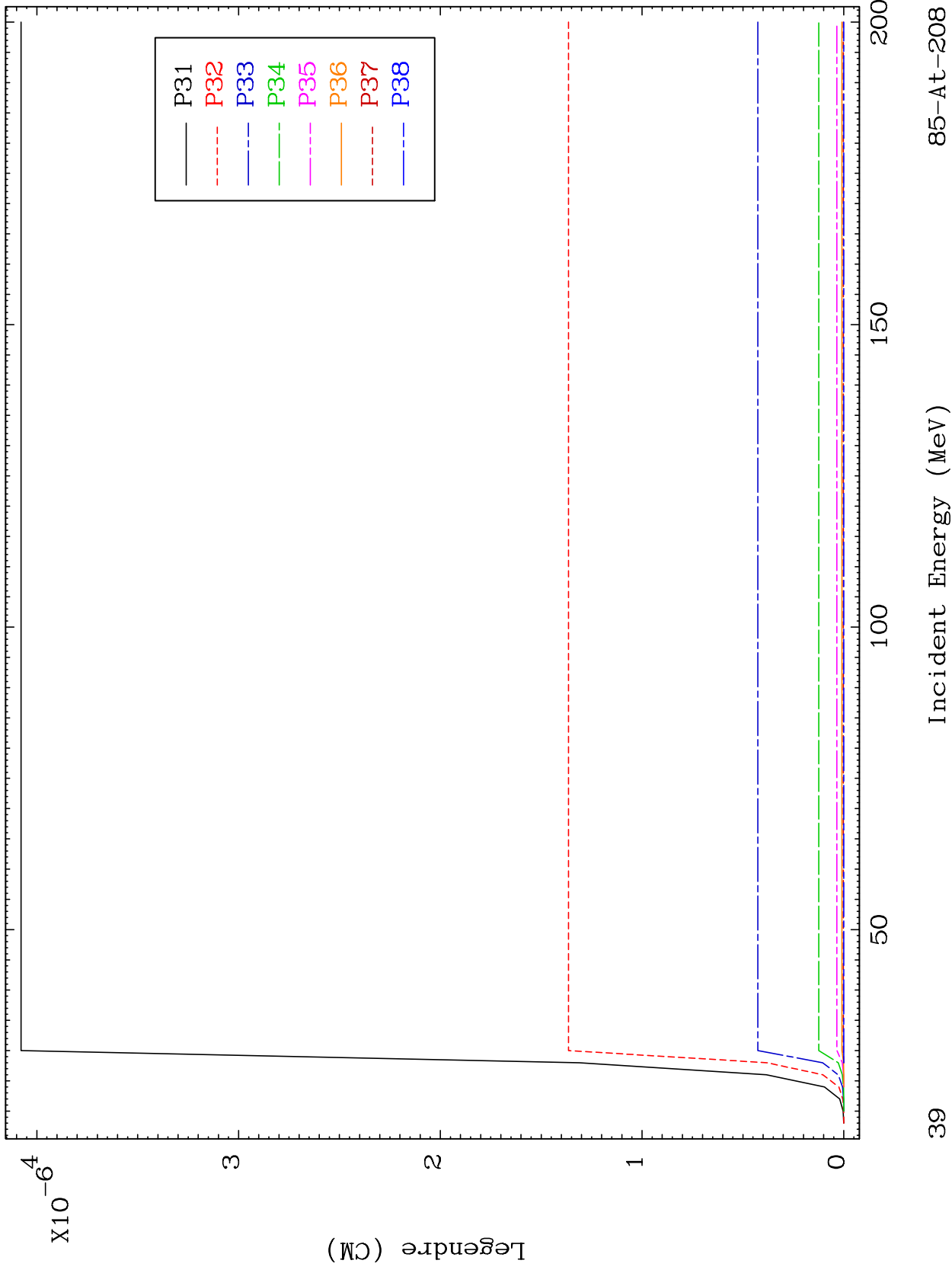
85-At-208



MAT 8540

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

85-At-208



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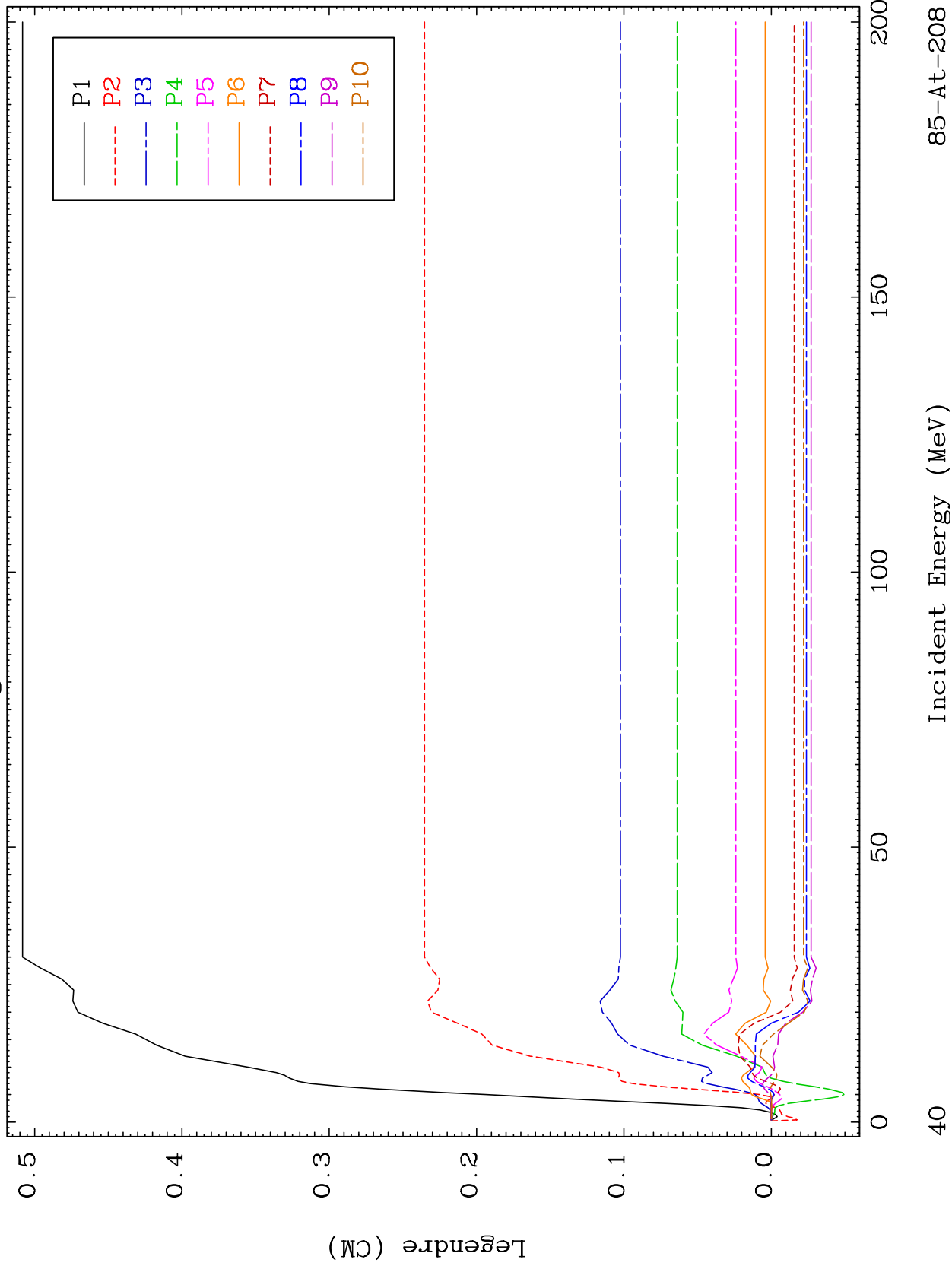
85-At-208



MAT 8540

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

85-At-208

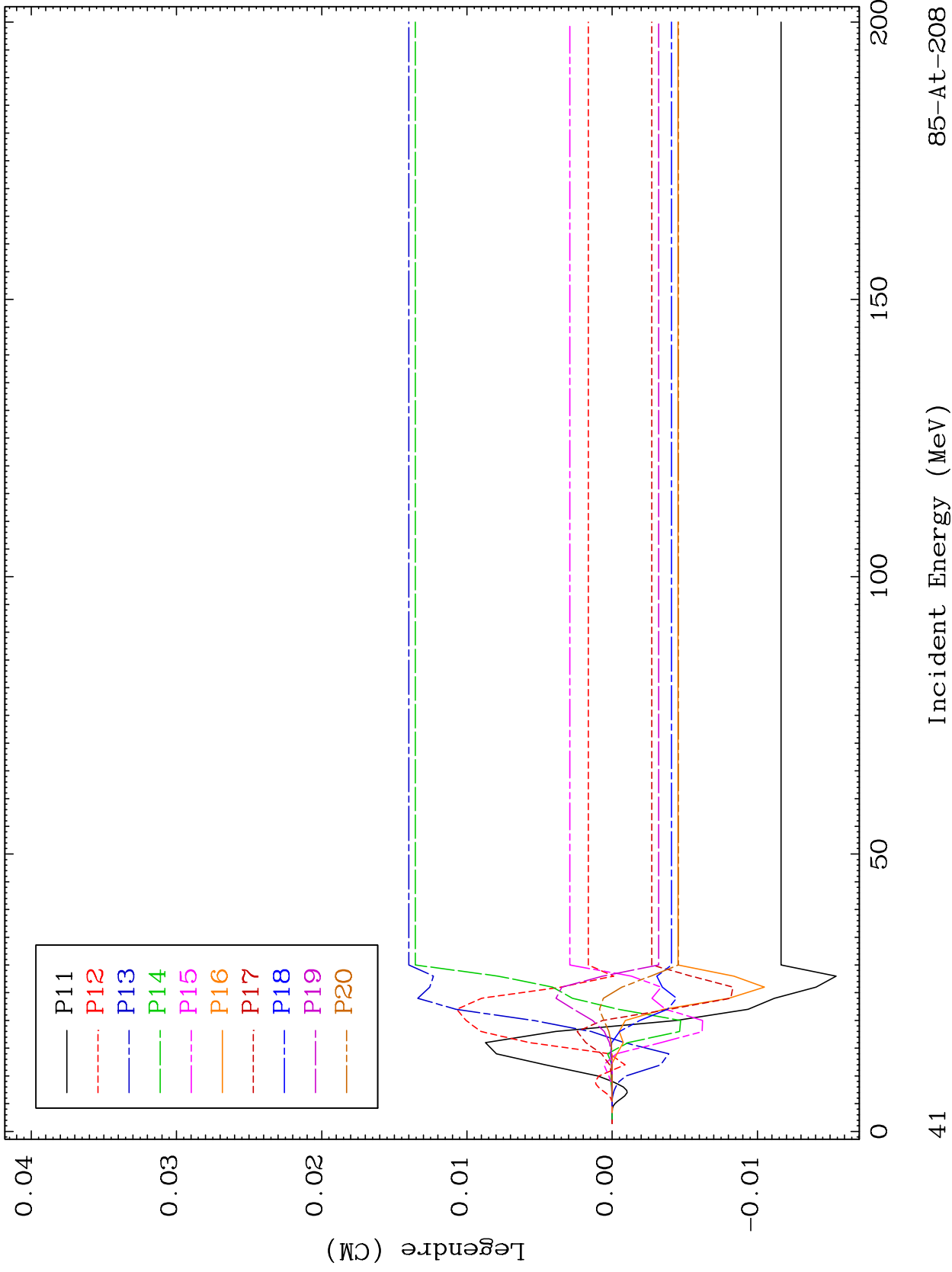


85-At-208

MAT 8540

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

85-At-208



41

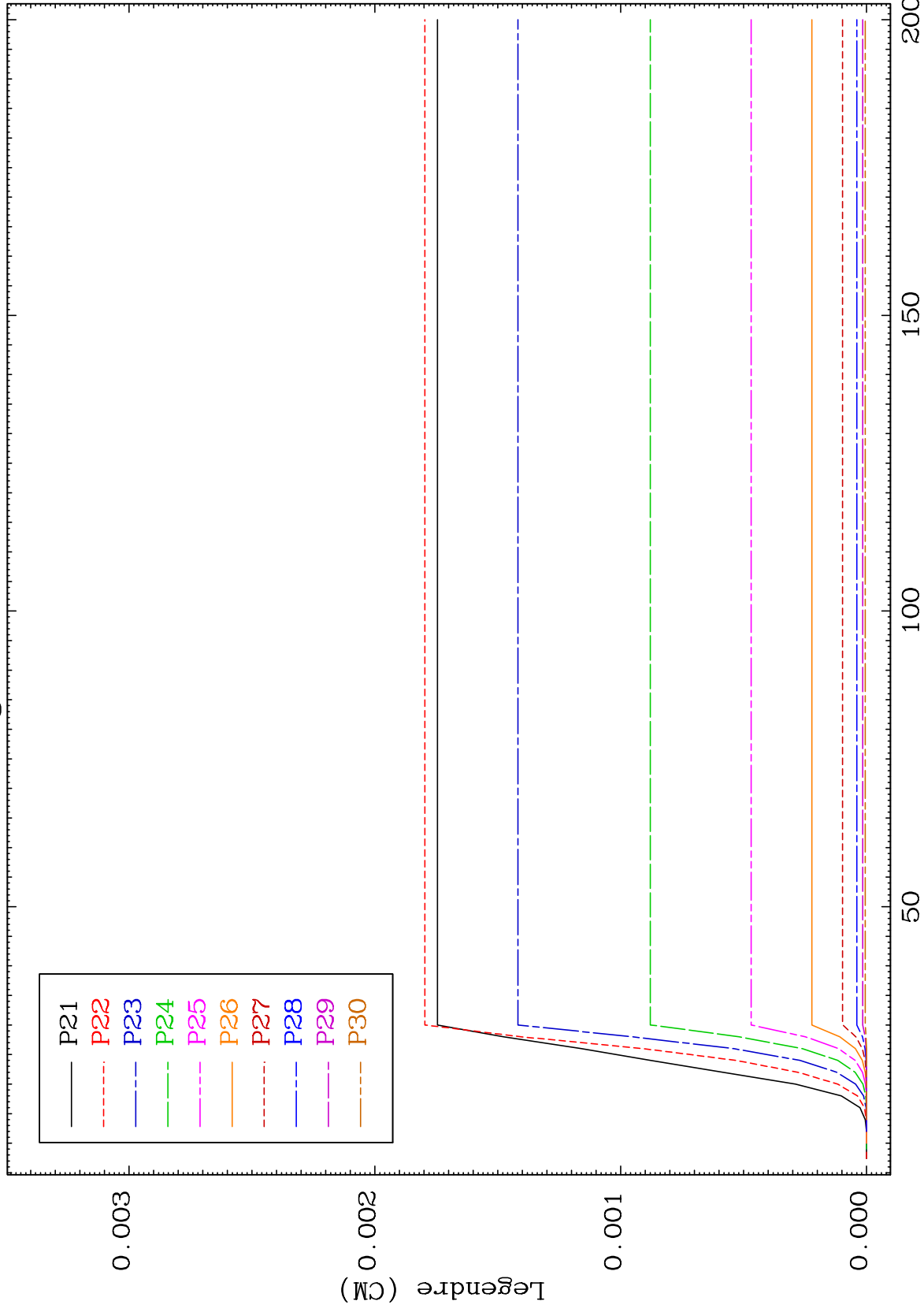
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



42

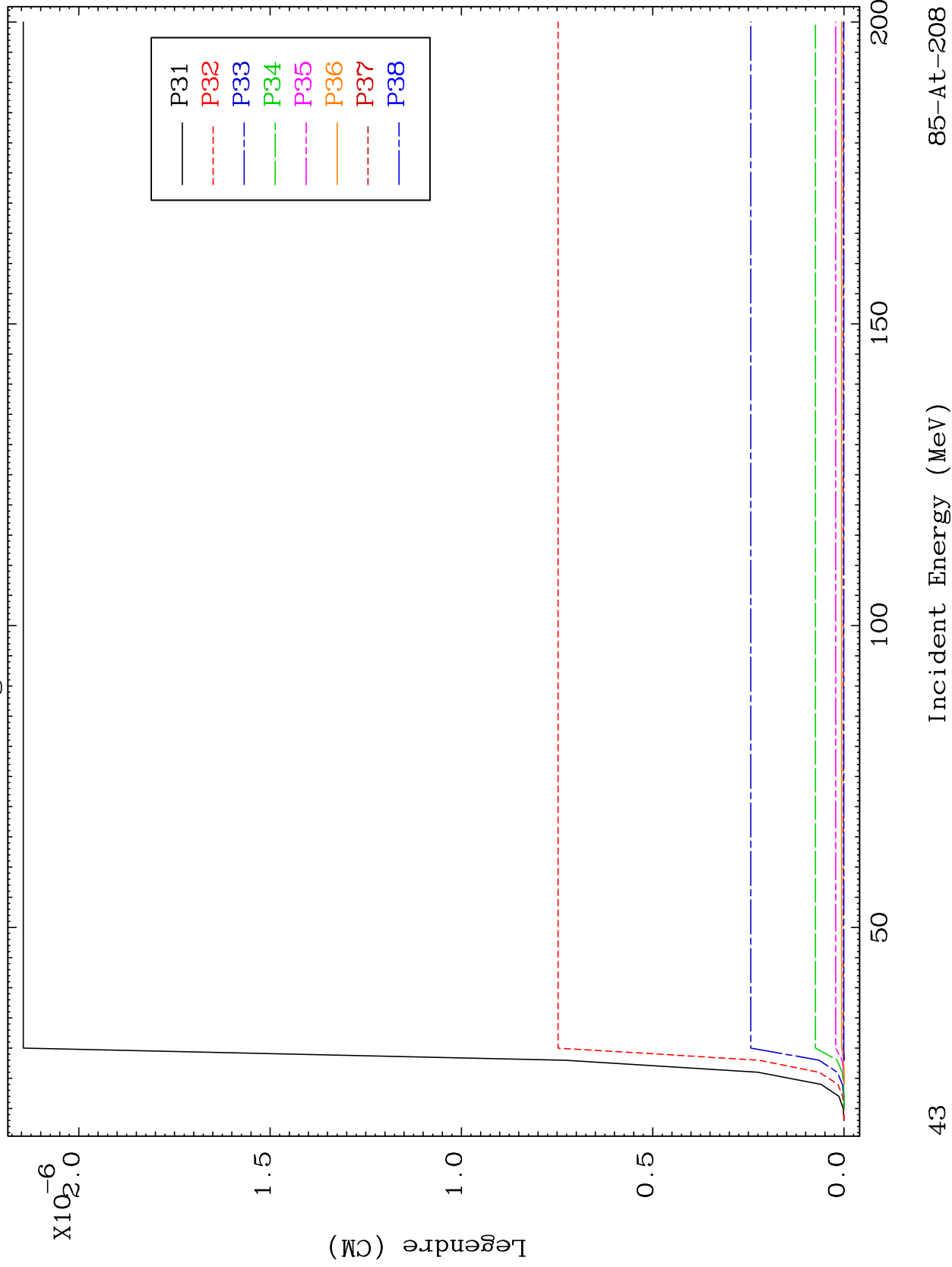
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



43

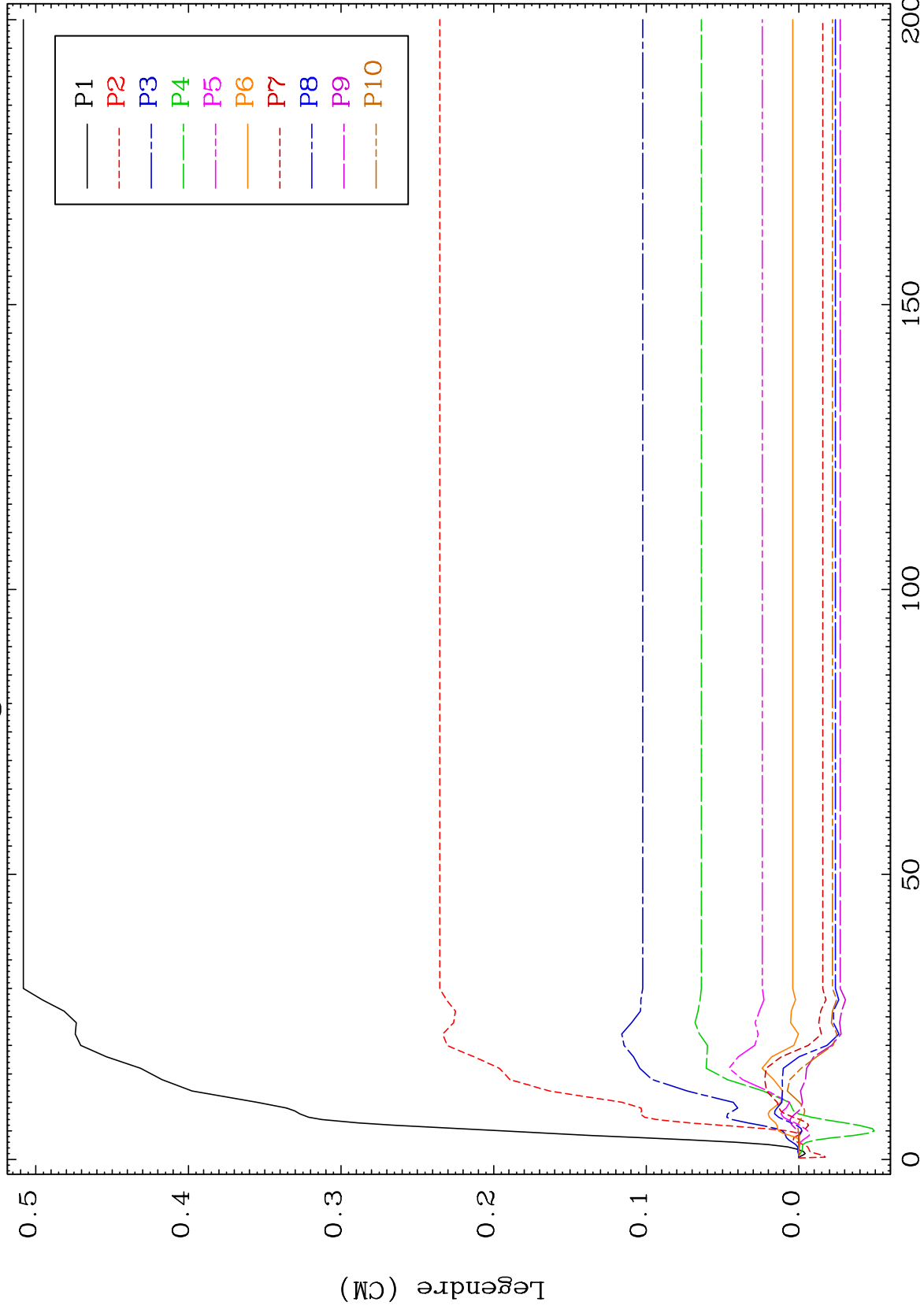
Incident Energy (MeV)

85-At-208

MAT 8540

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

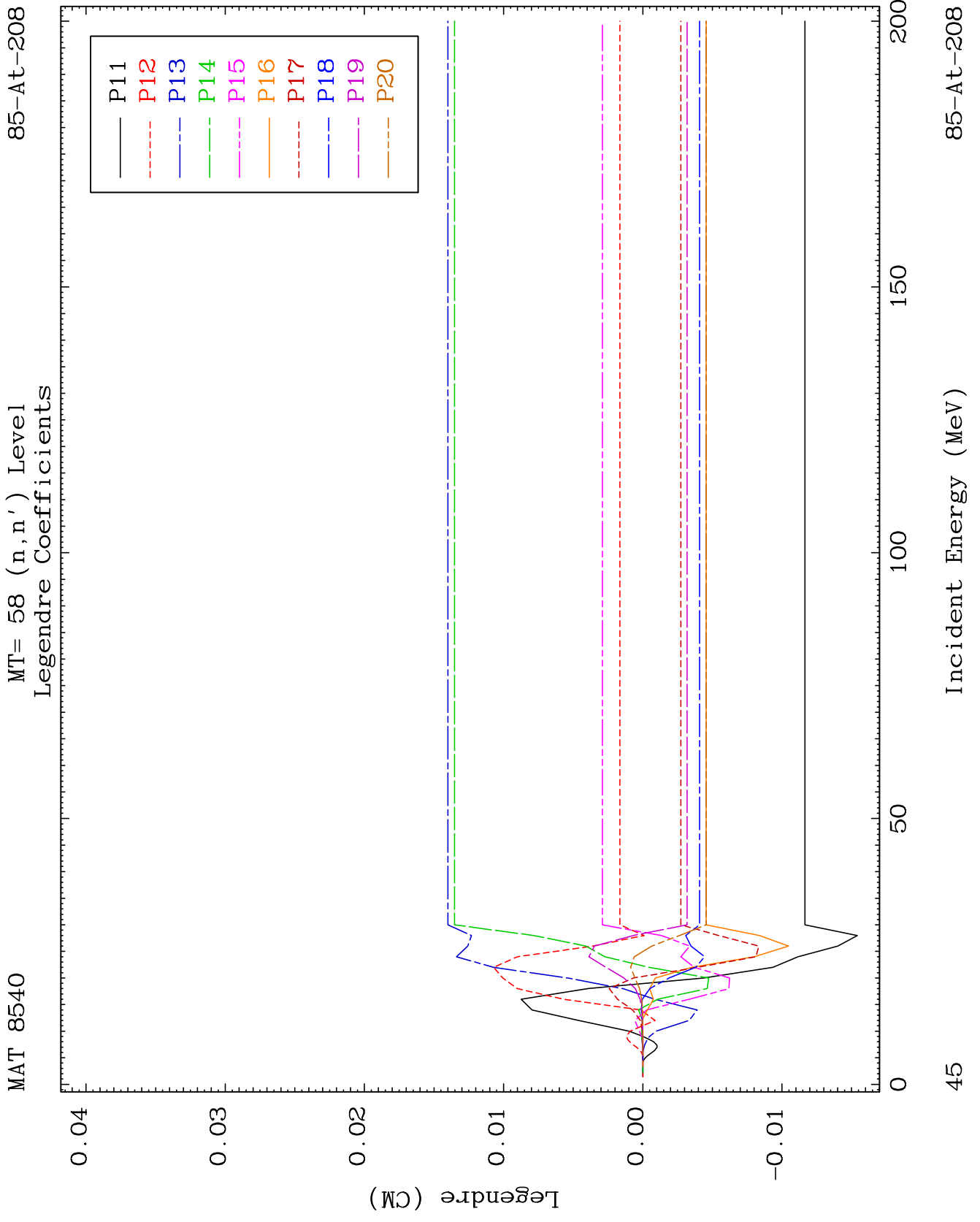
85-At-208



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Incident Energy (MeV)

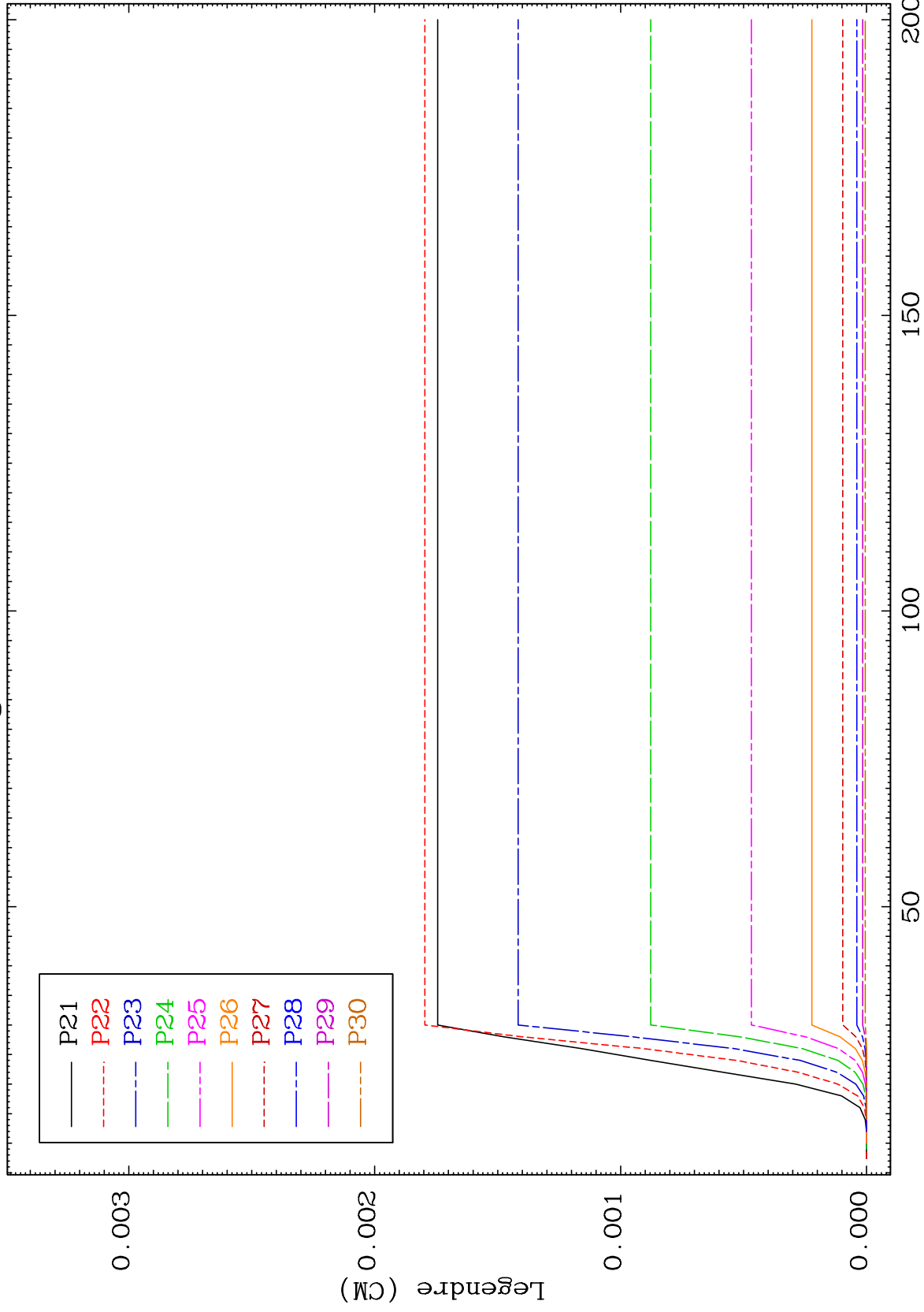
85-At-208



MAT 8540

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

85-At-208



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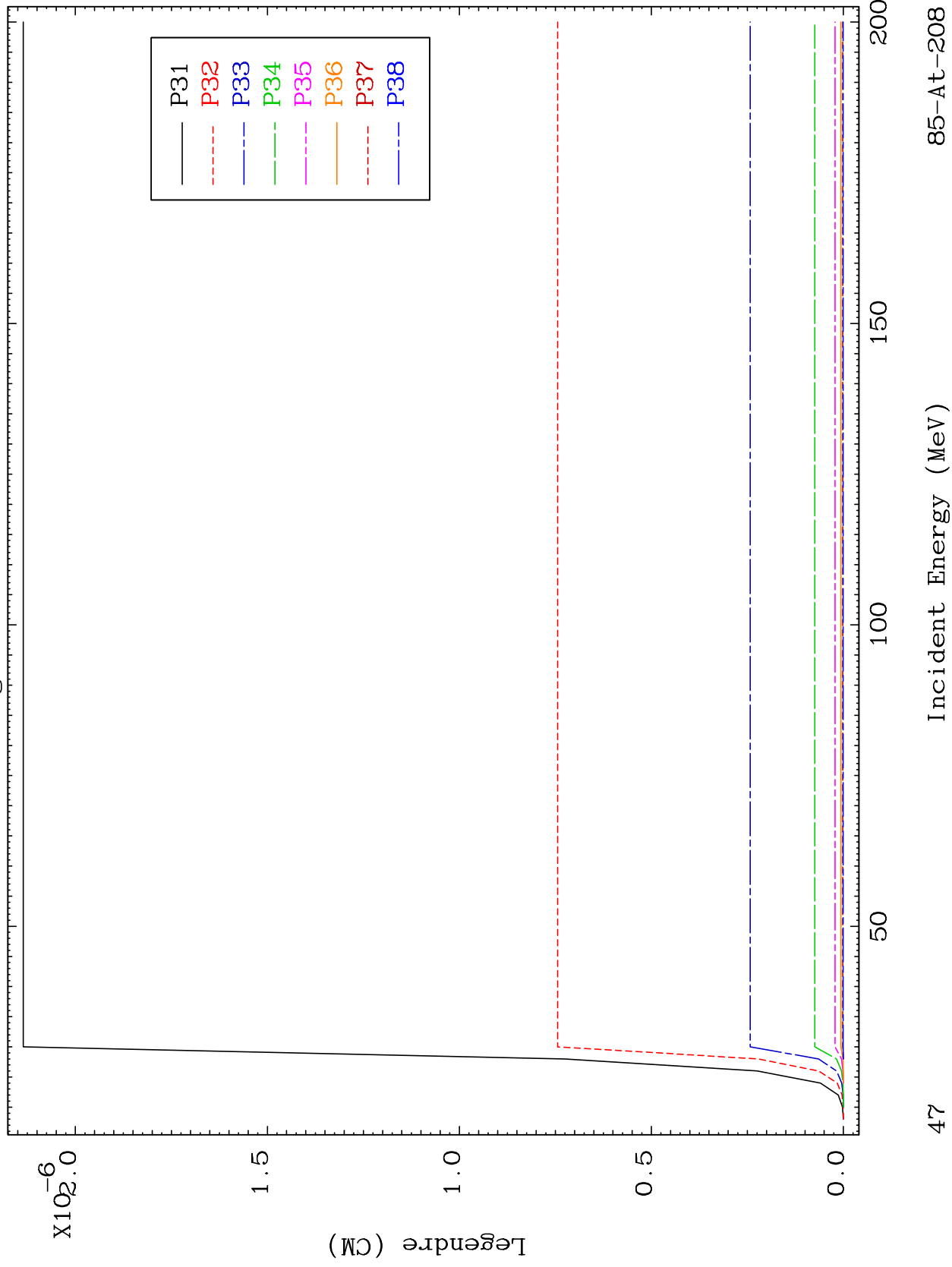
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208

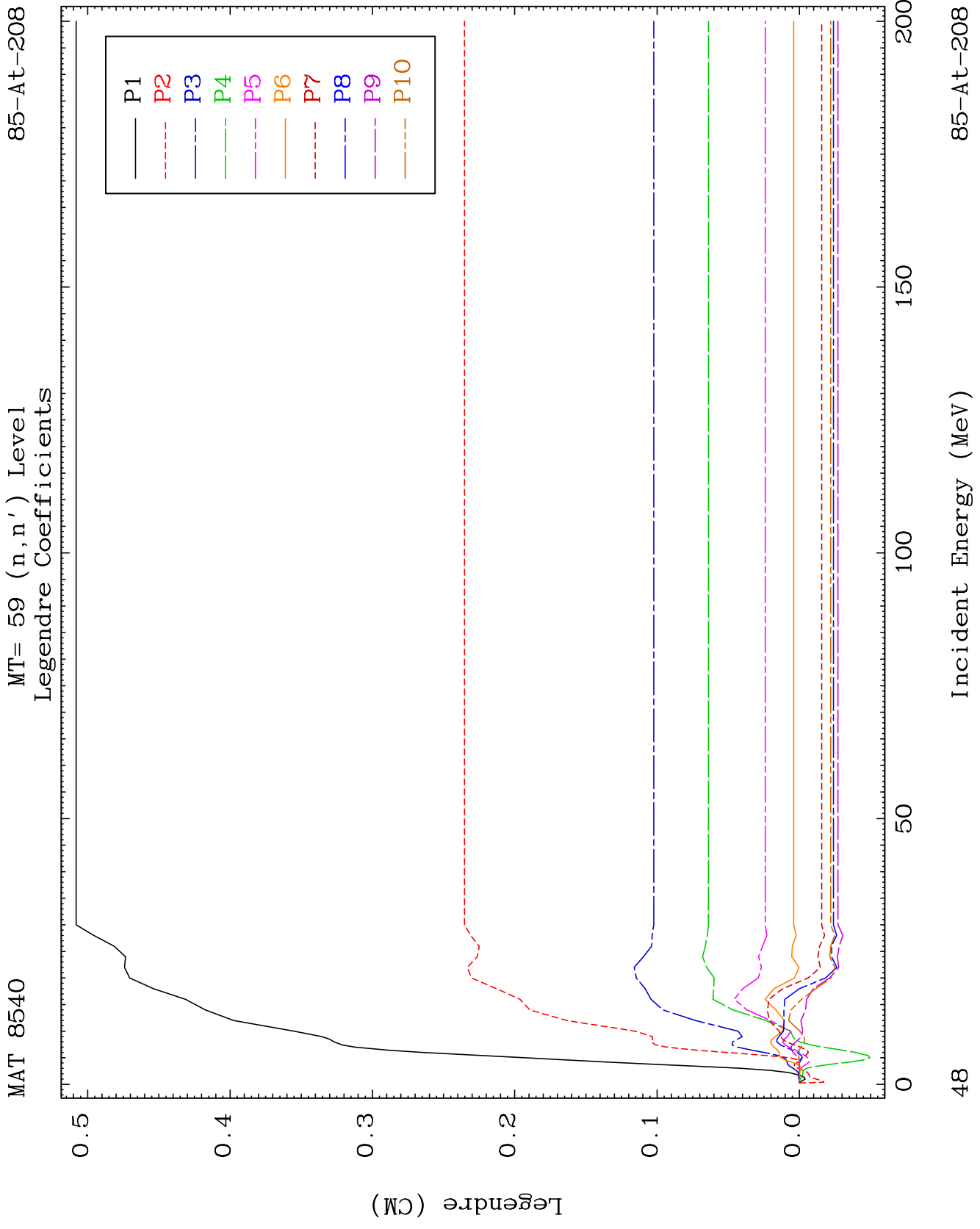


47

Incident Energy (MeV)

85-At-208

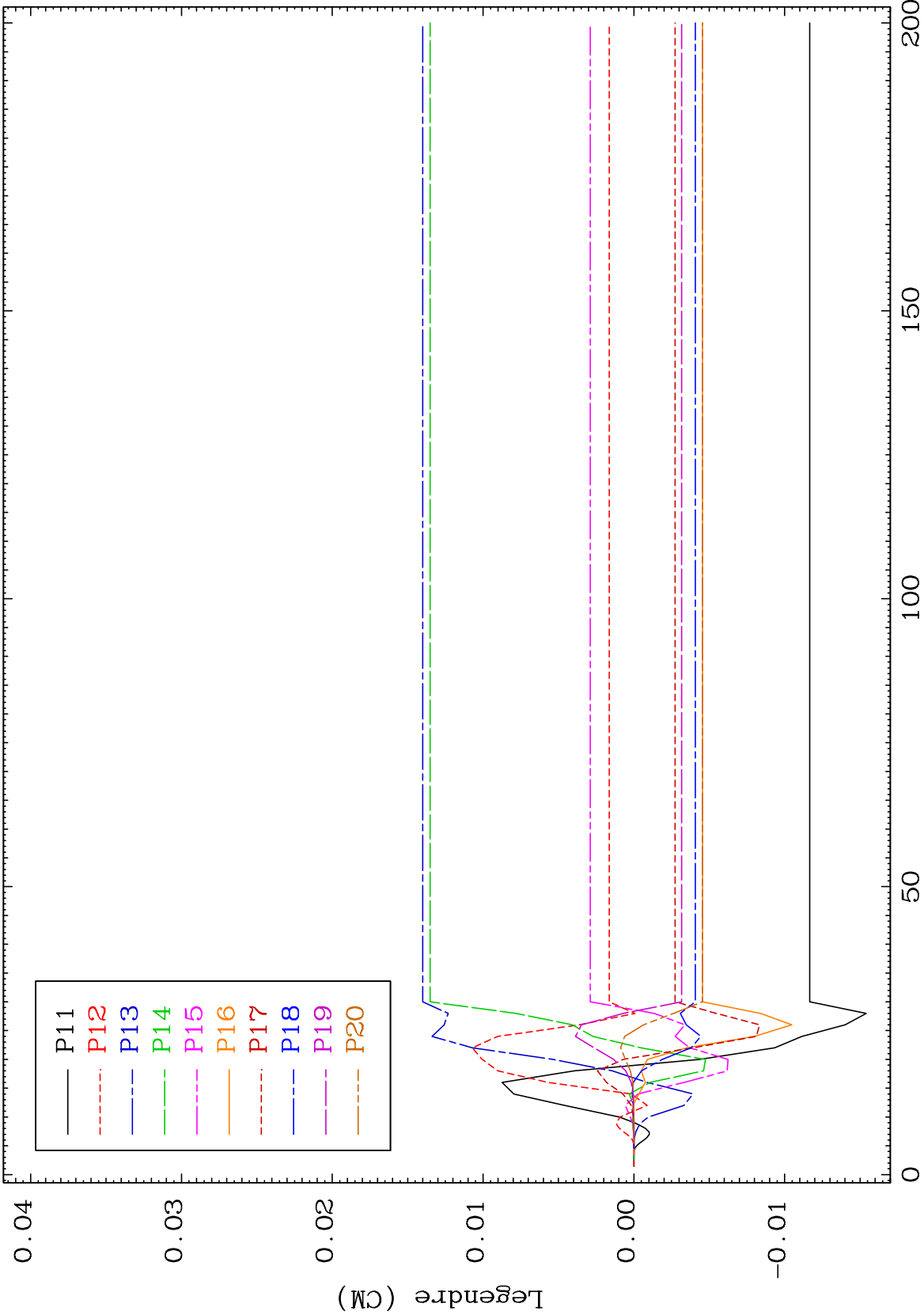




MAT 8540

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

85-At-208



49

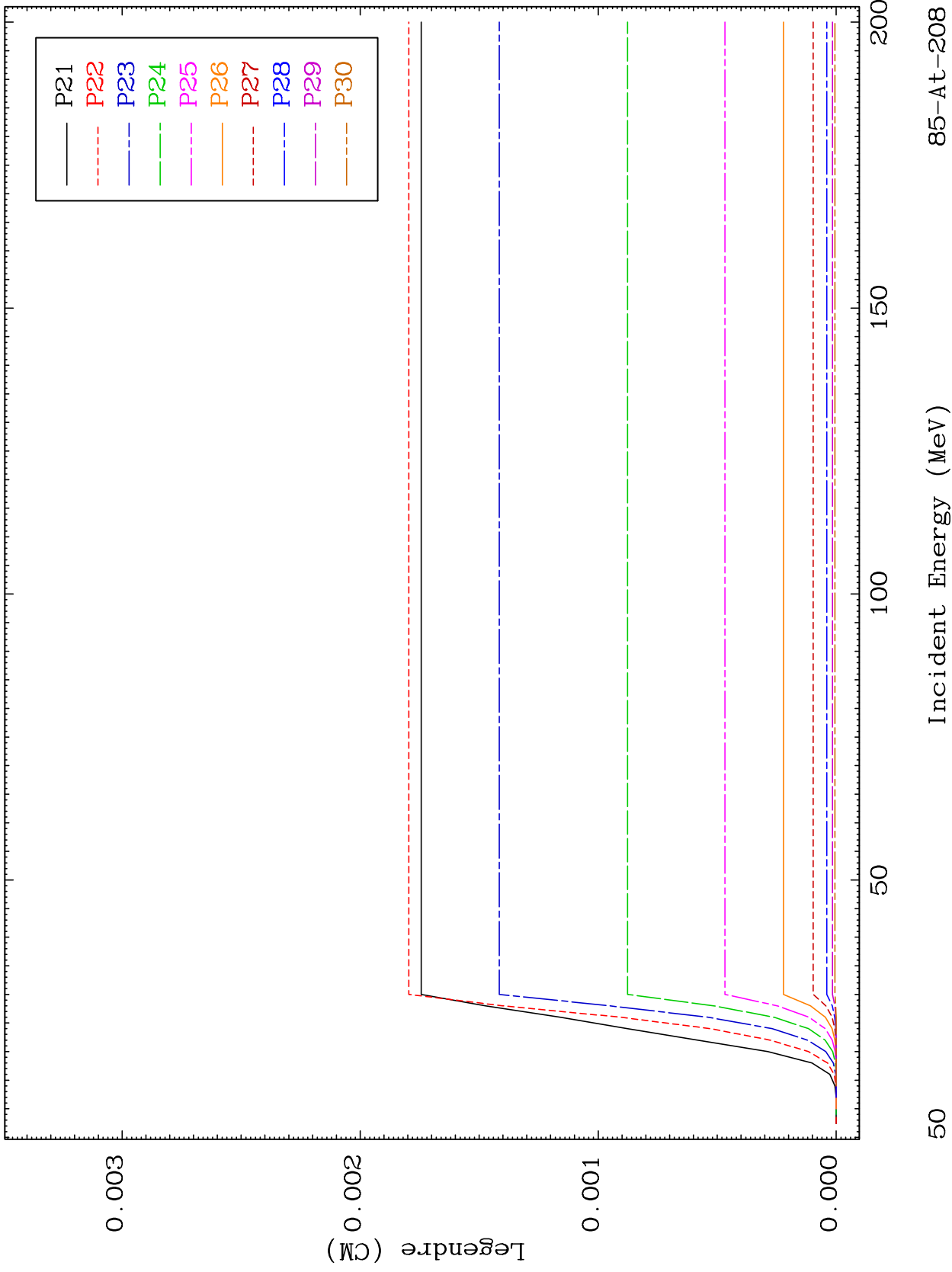
Incident Energy (MeV)

85-At-208

MAT 8540

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

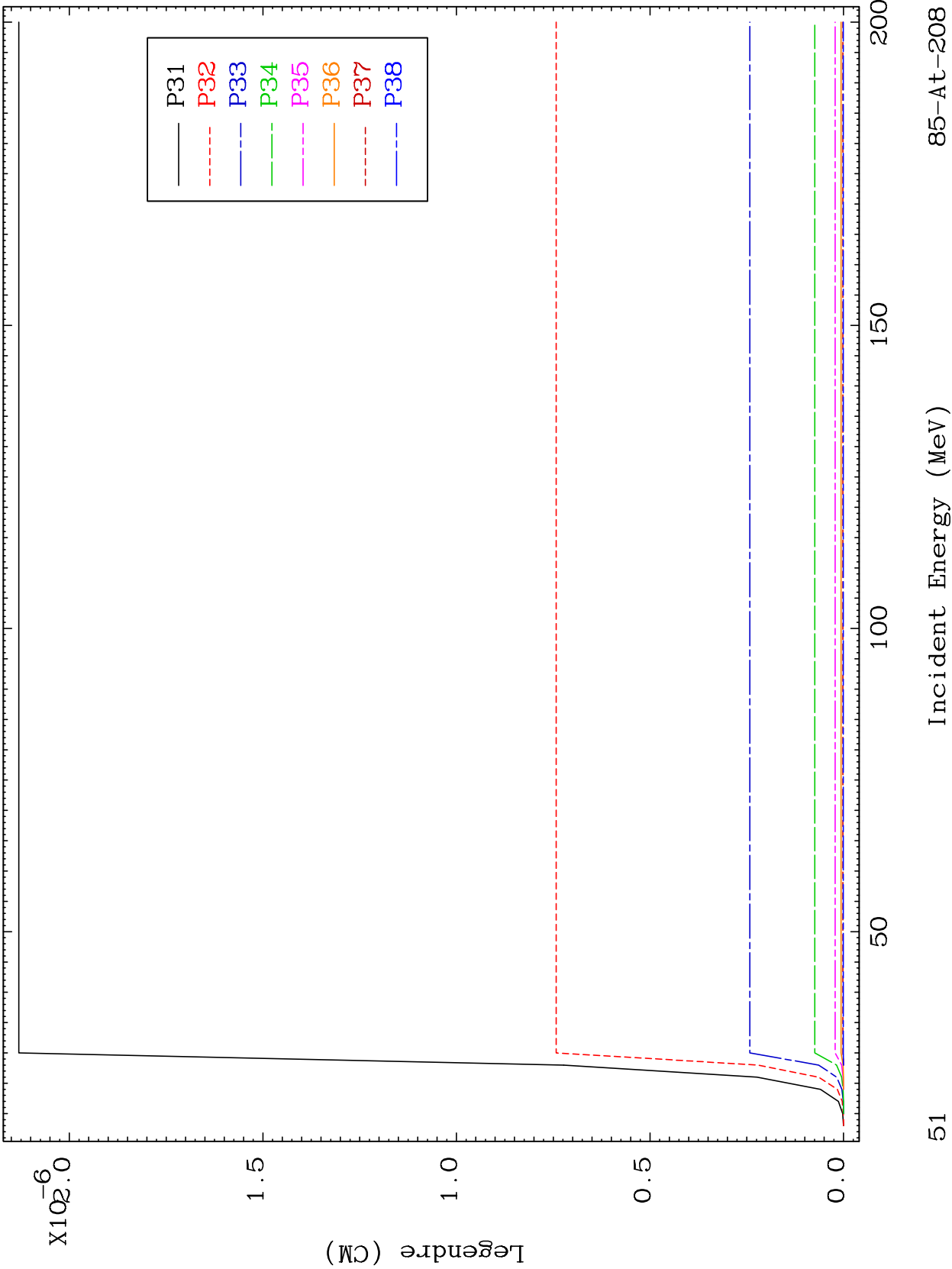
85-At-208



MAT 8540

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

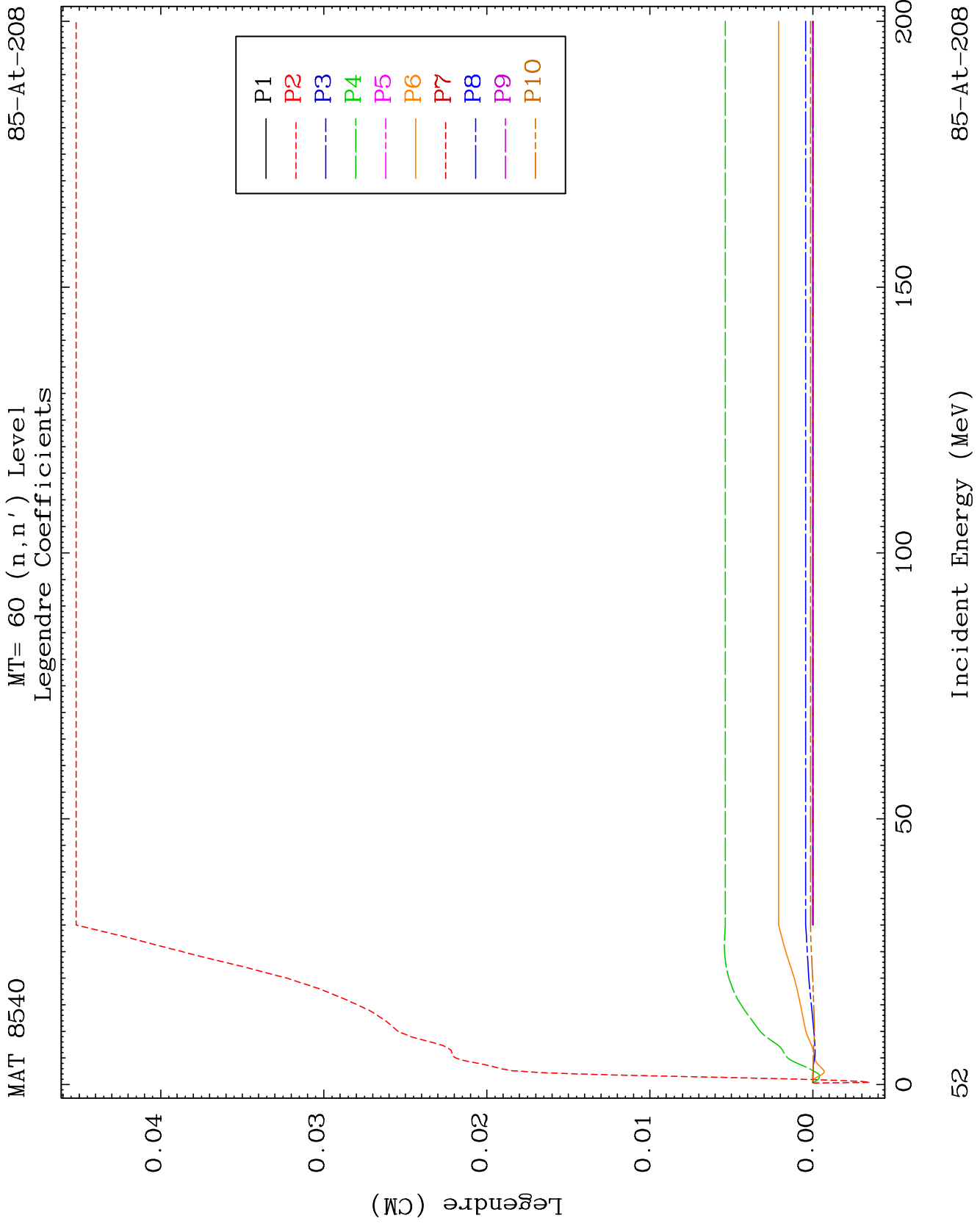
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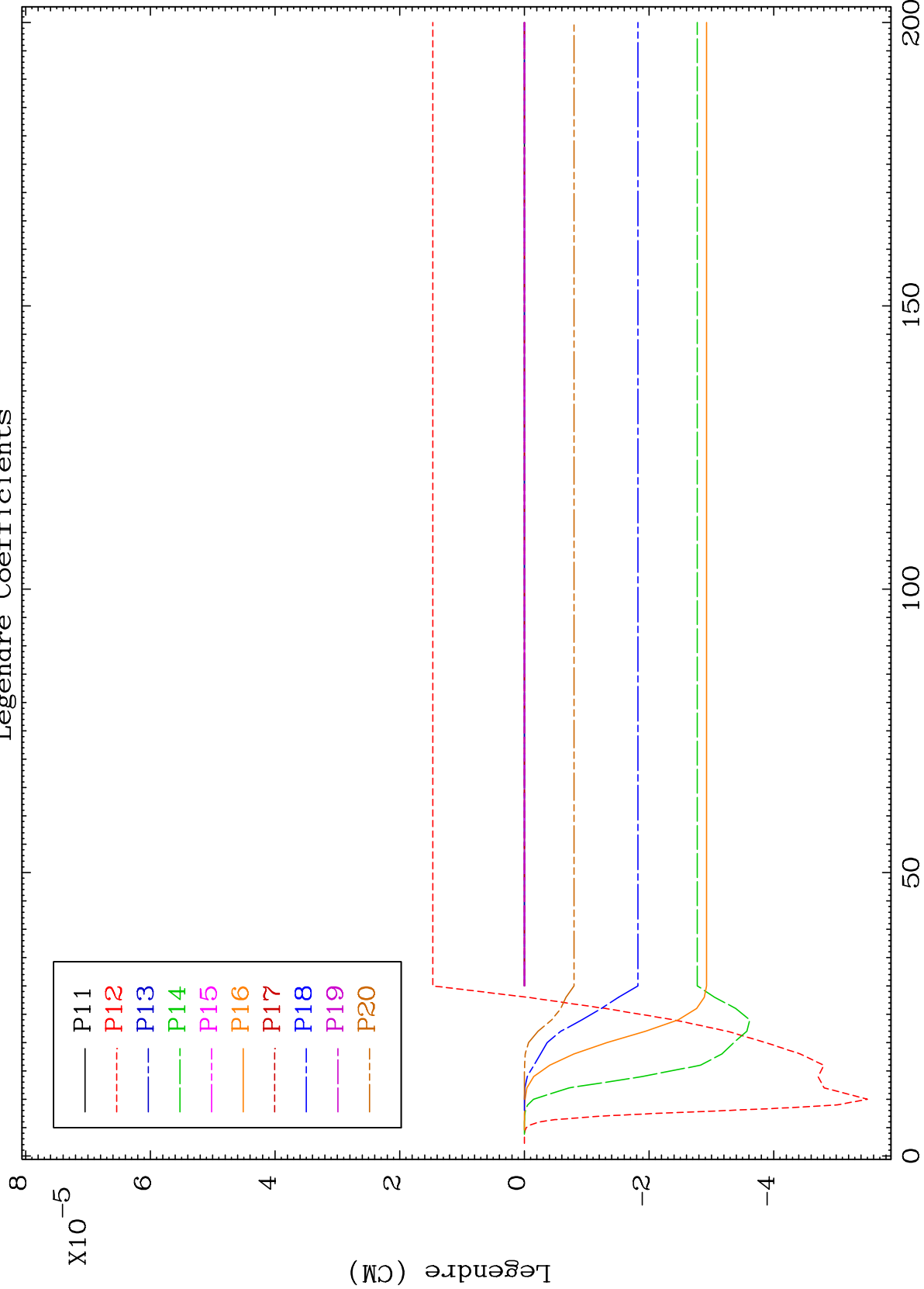


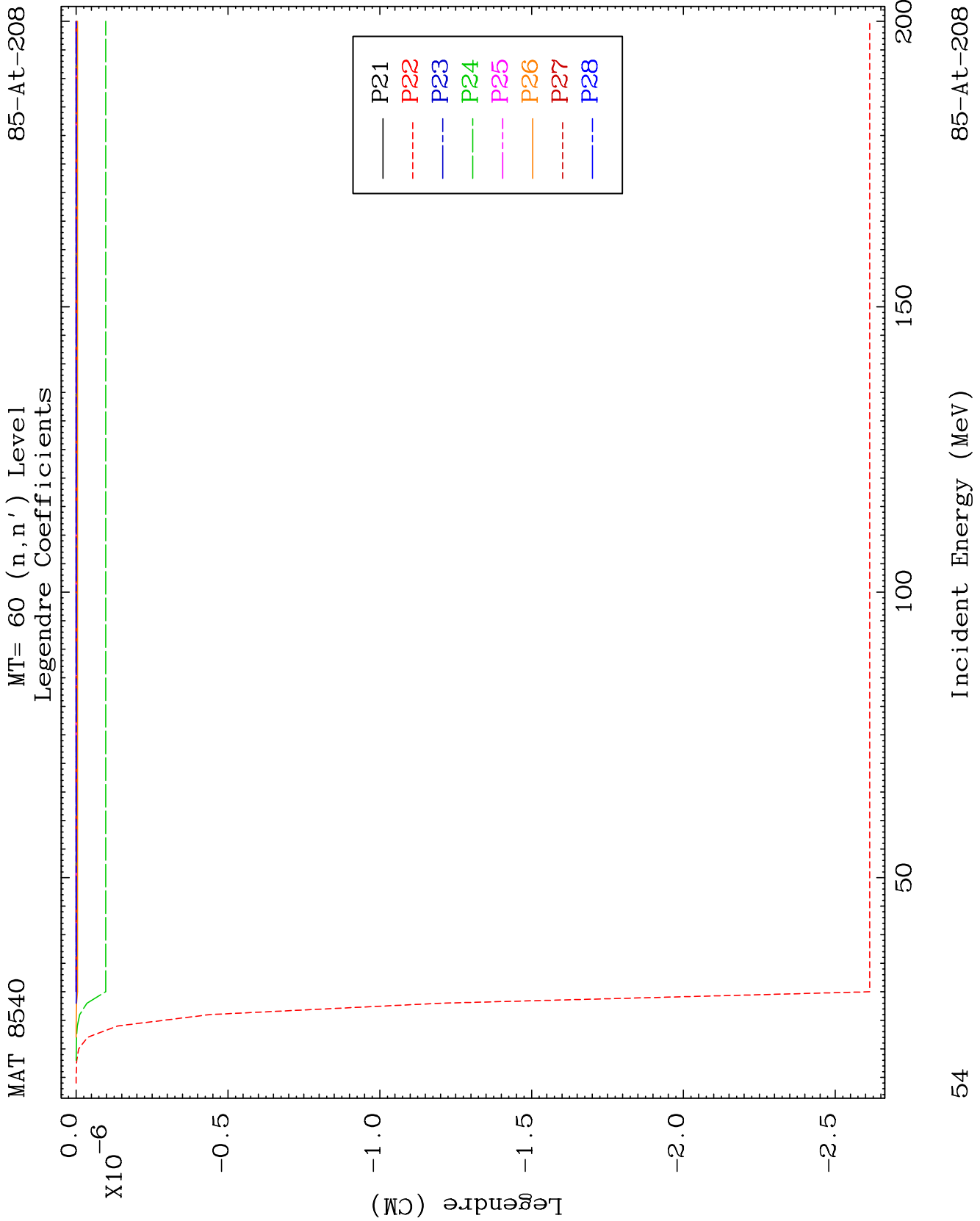
51

Incident Energy (MeV)

85-At-208



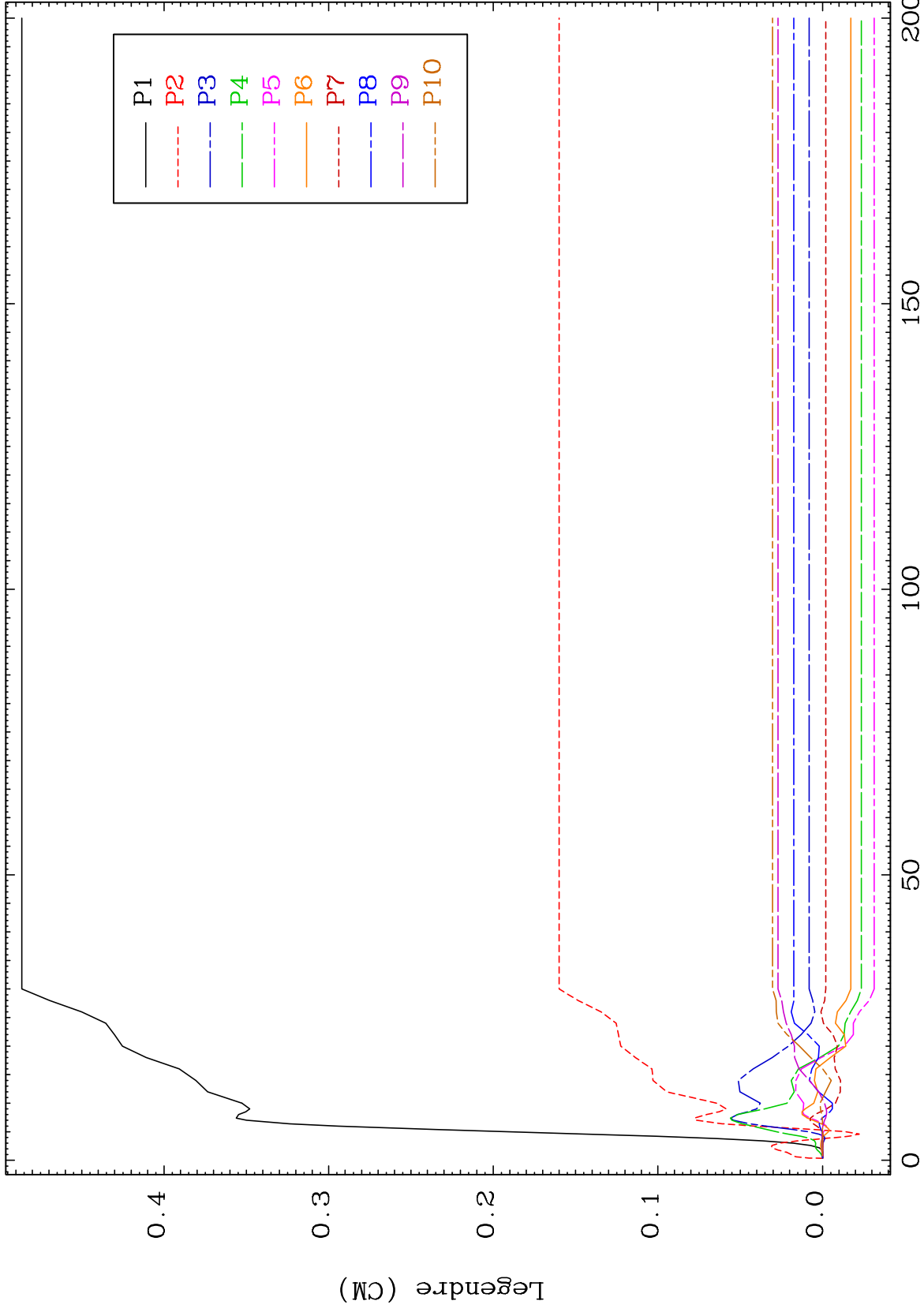




MAT 8540

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

85-At-208



55

Incident Energy (MeV)

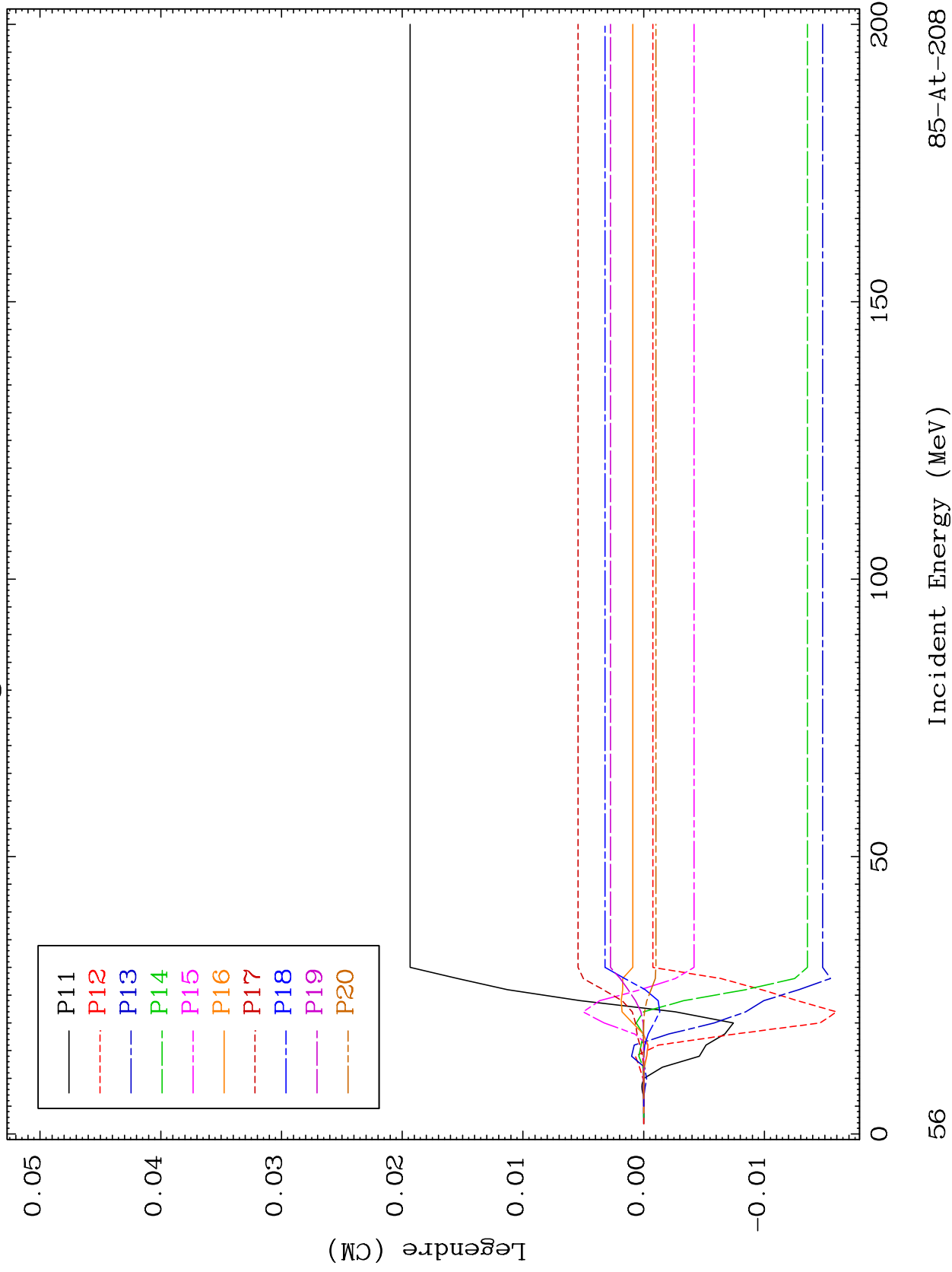
85-At-208



MAT 8540

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

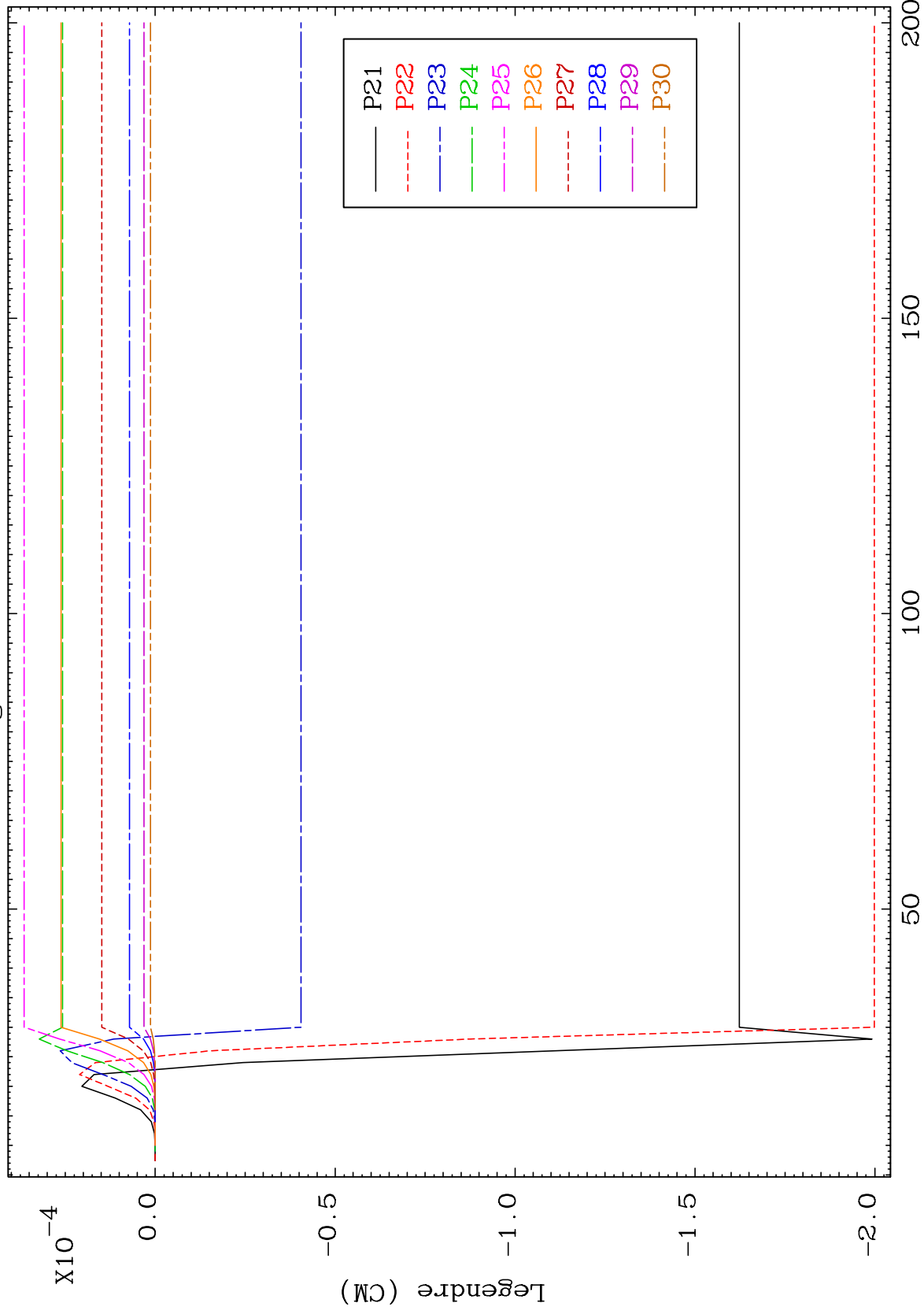
85-At-208



MAT 8540

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

85-At-208



57

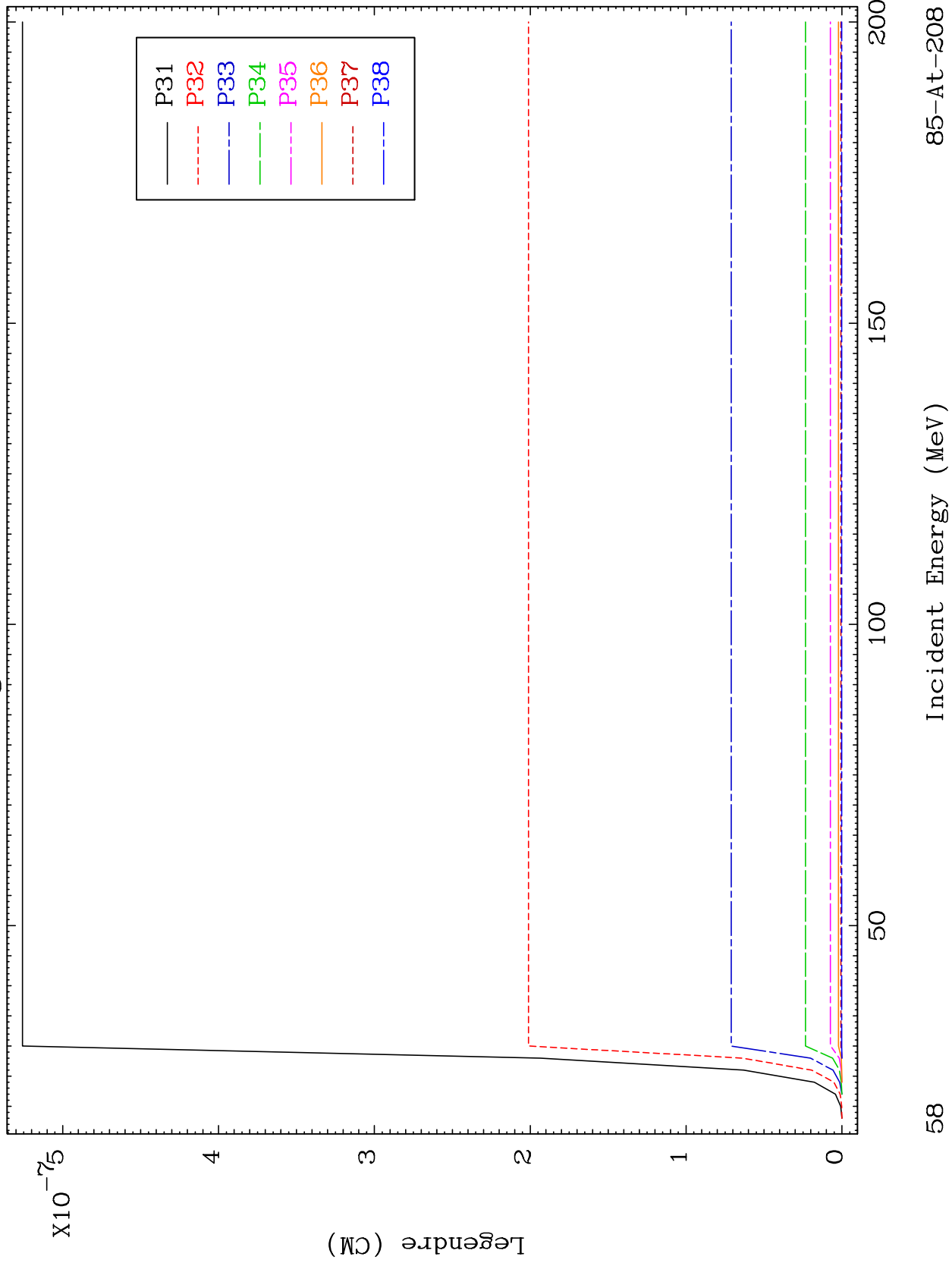
Incident Energy (MeV)

85-At-208

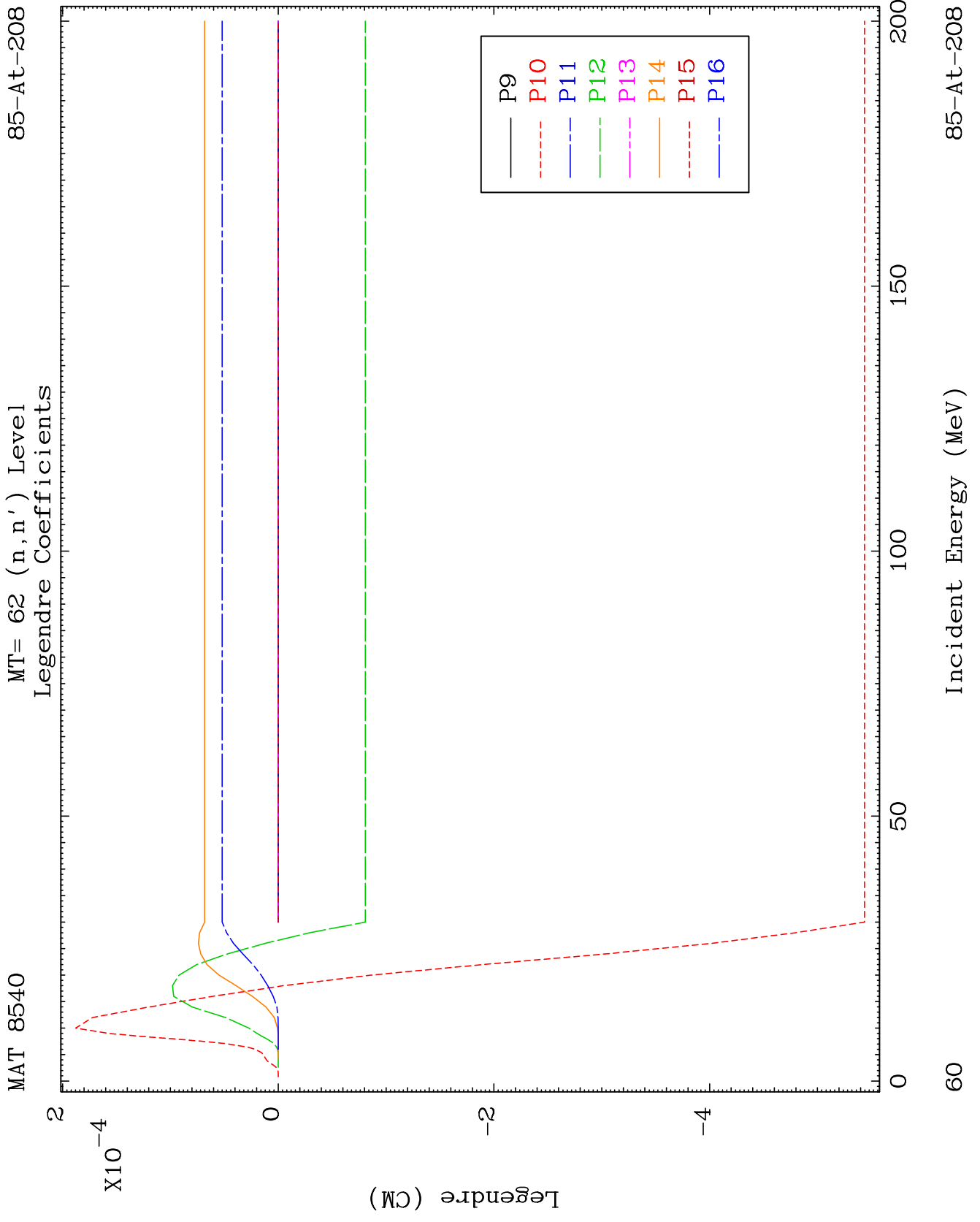
MAT 8540

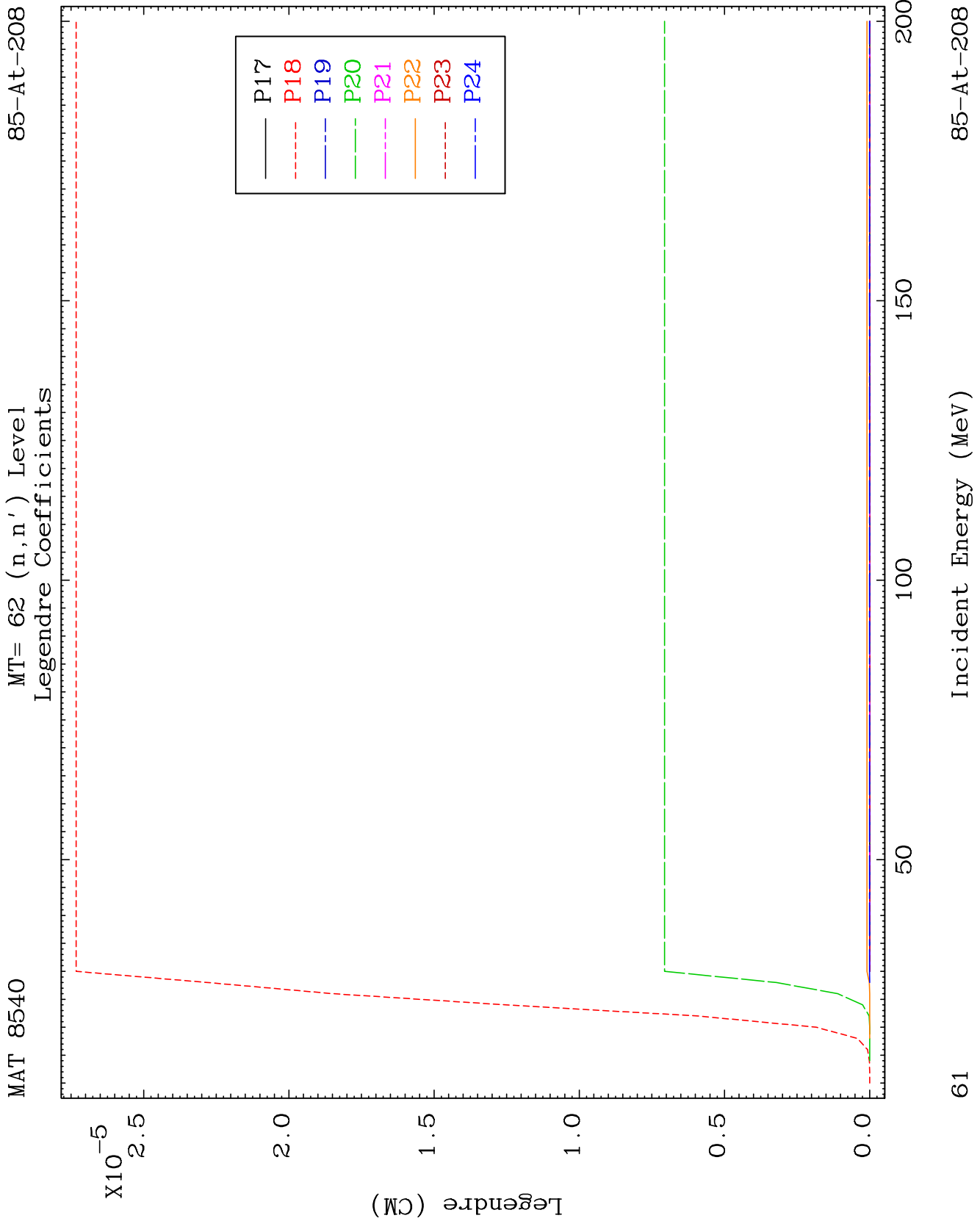
MT= 61 (n,n') Level  
Legendre Coefficients

85-At-208





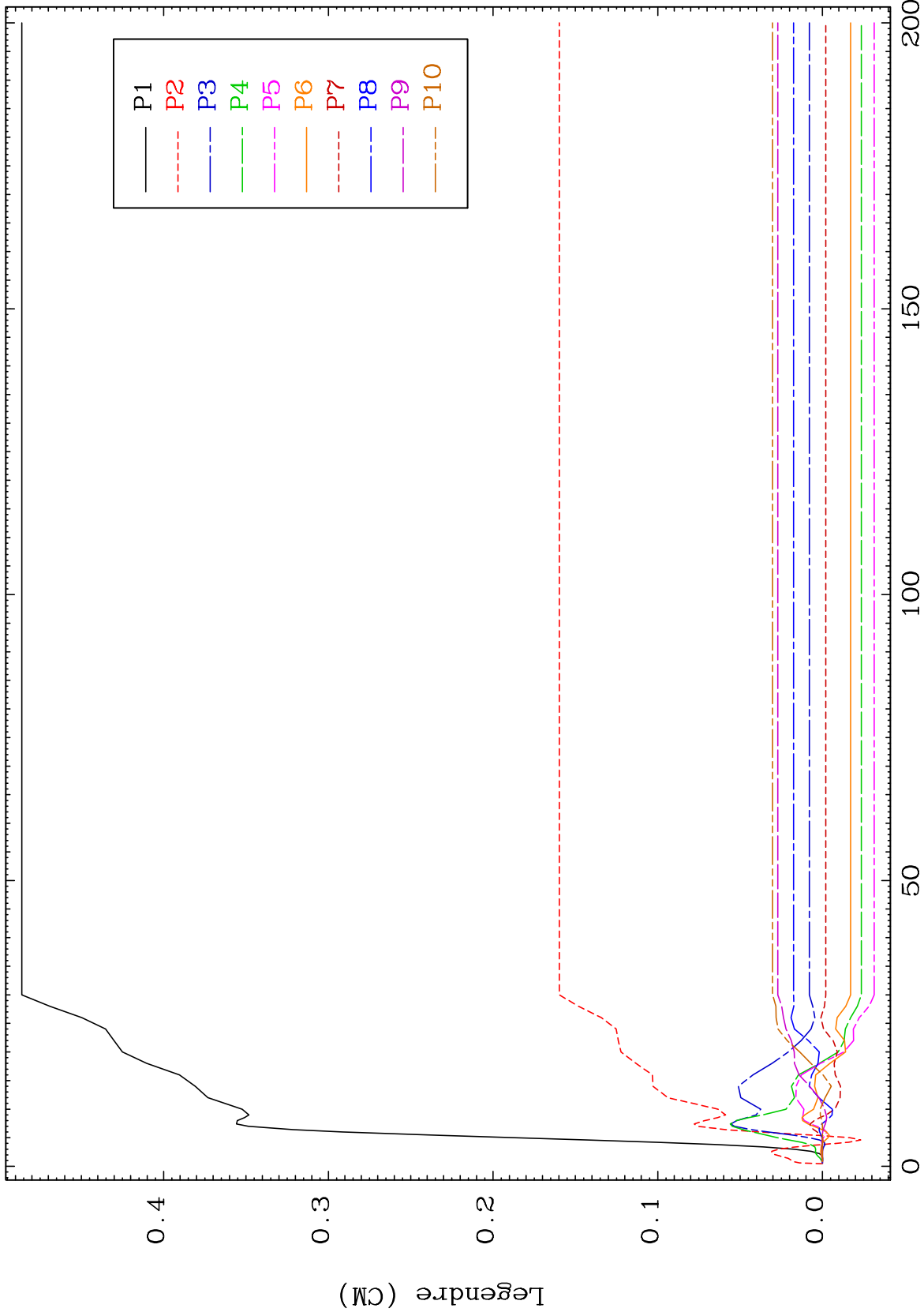




MAT 8540

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

85-At-208



62

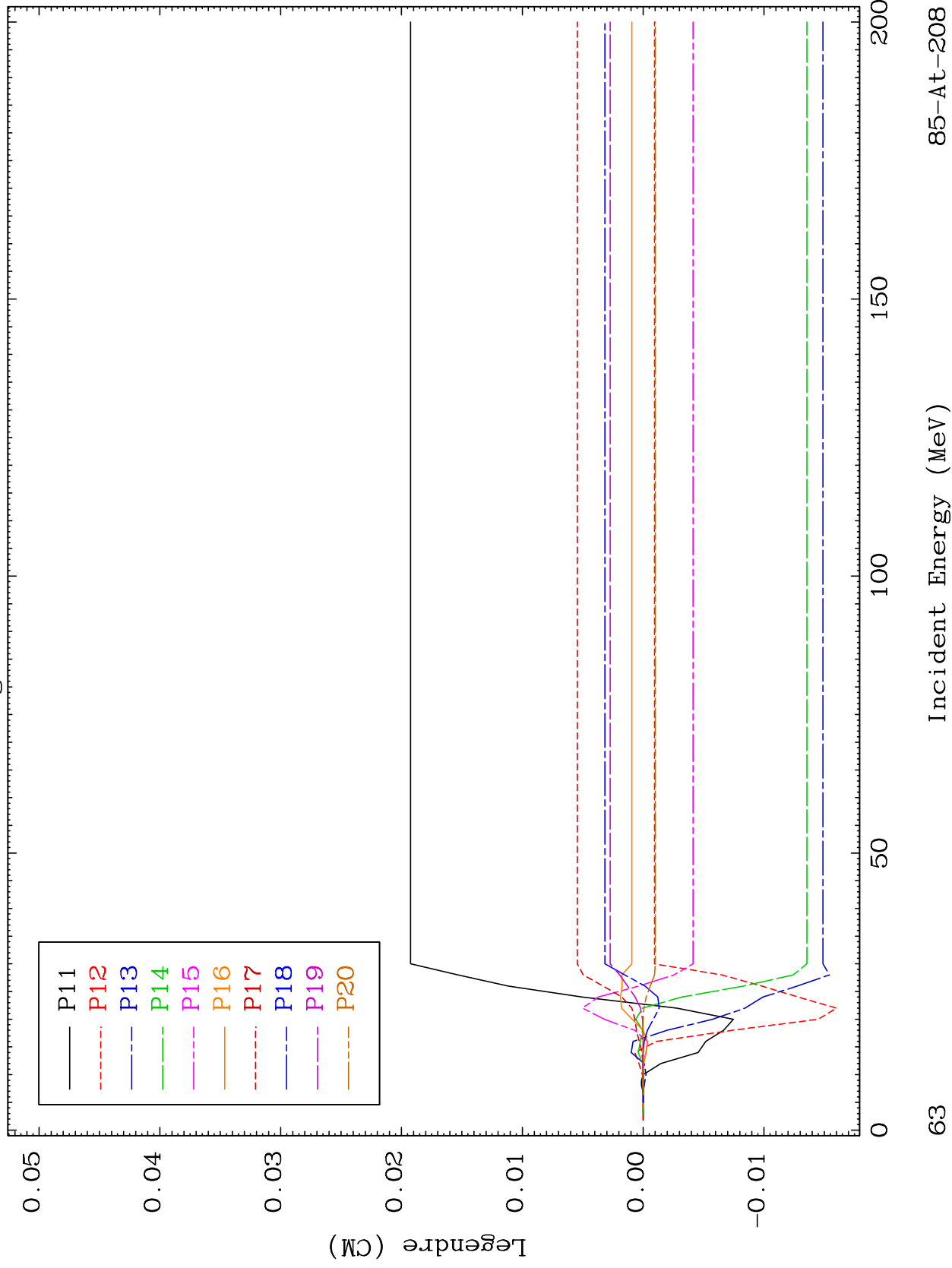
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



85-At-208

Incident Energy (MeV)

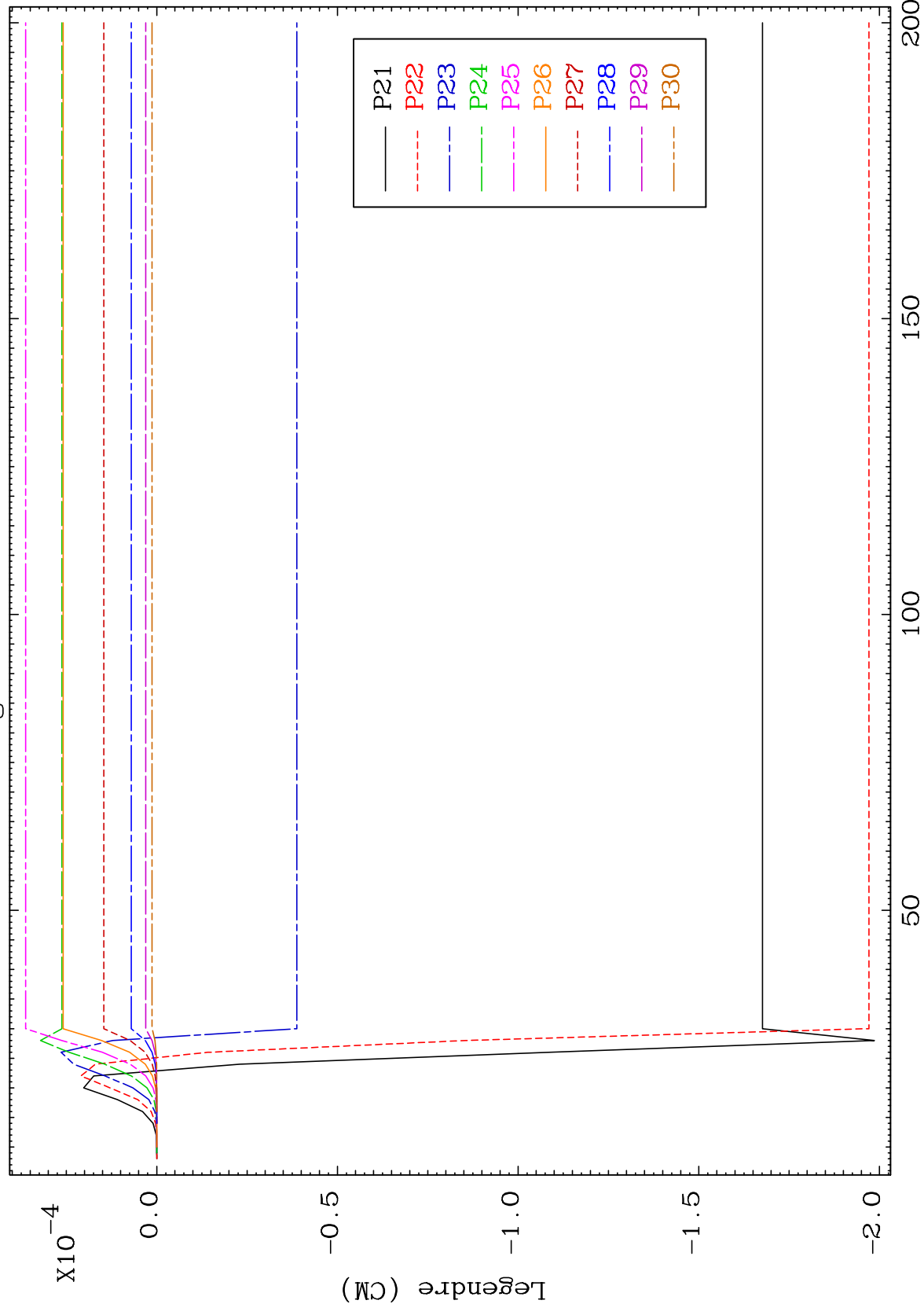
63



MAT 8540

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

85-At-208



64

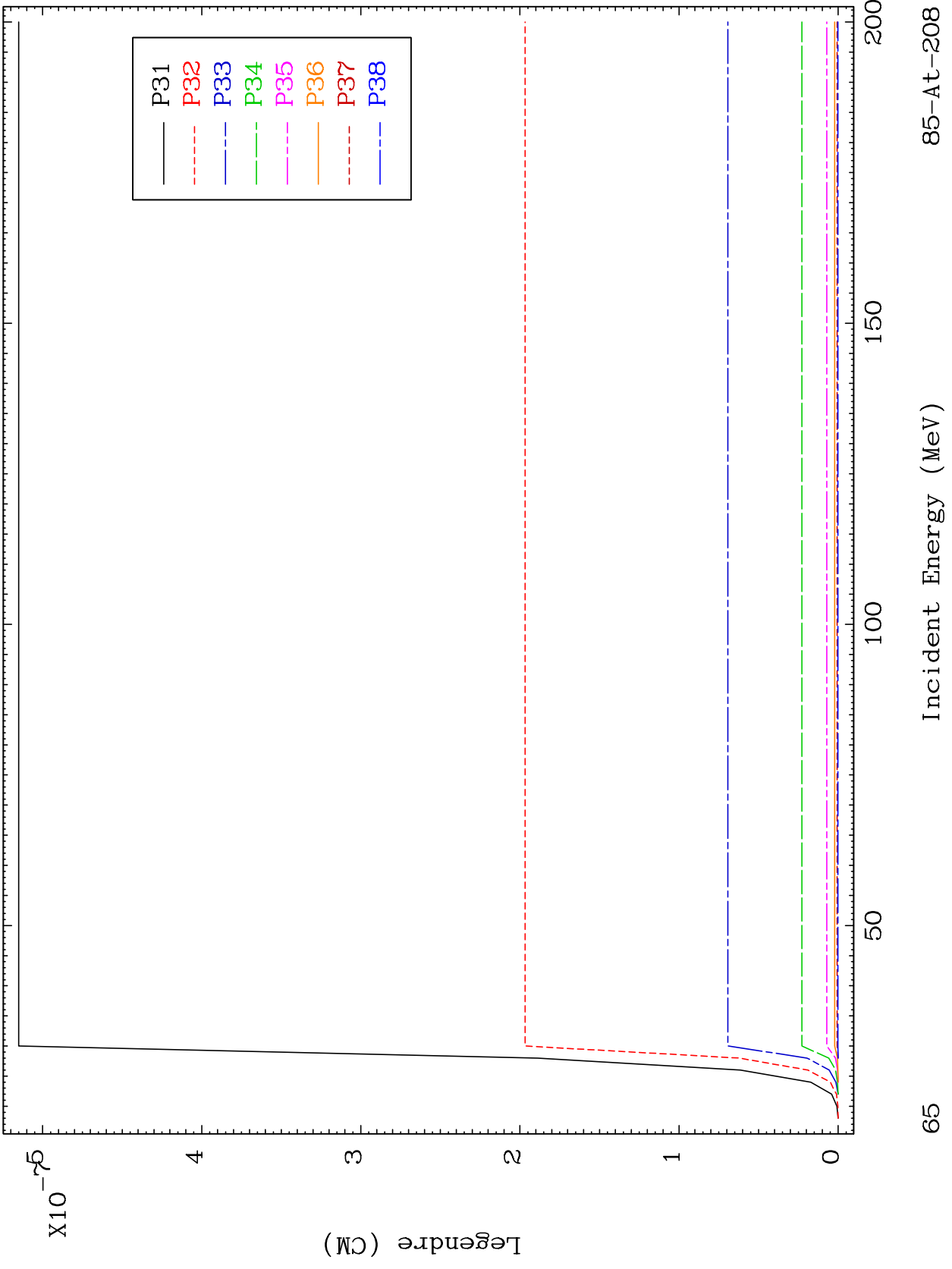
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



65

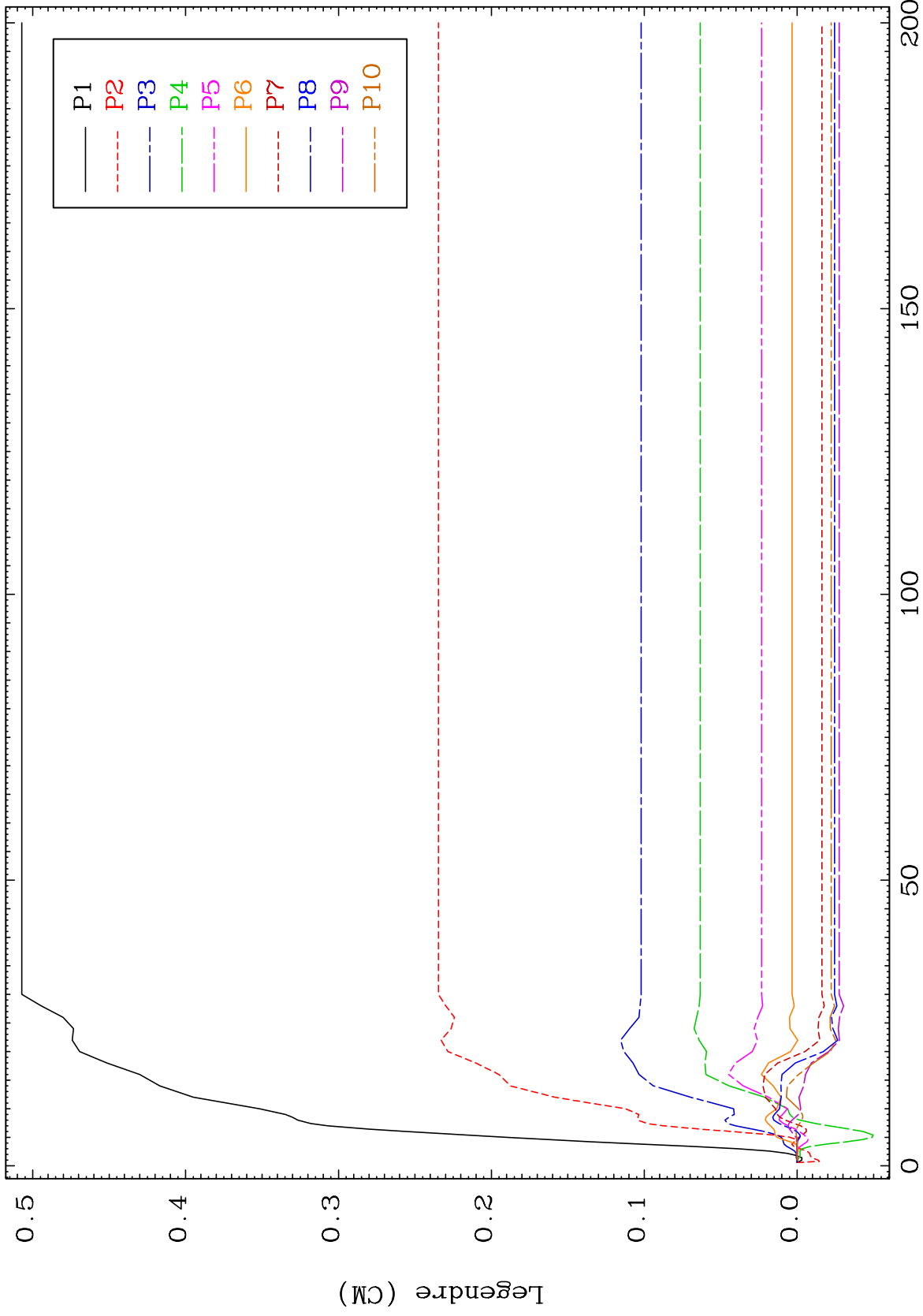
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



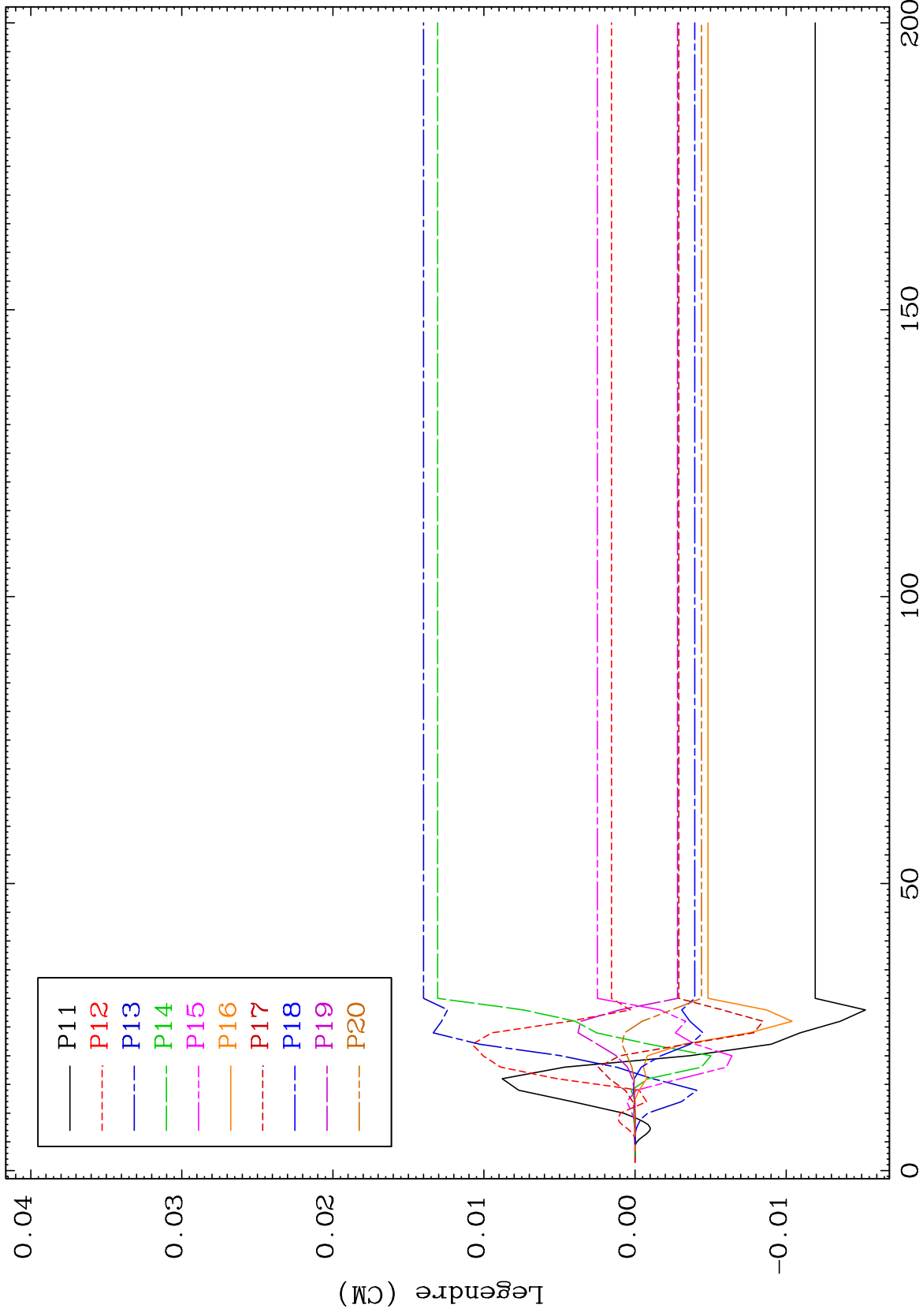
66

85-At-208

MAT 8540

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

85-At-208



67

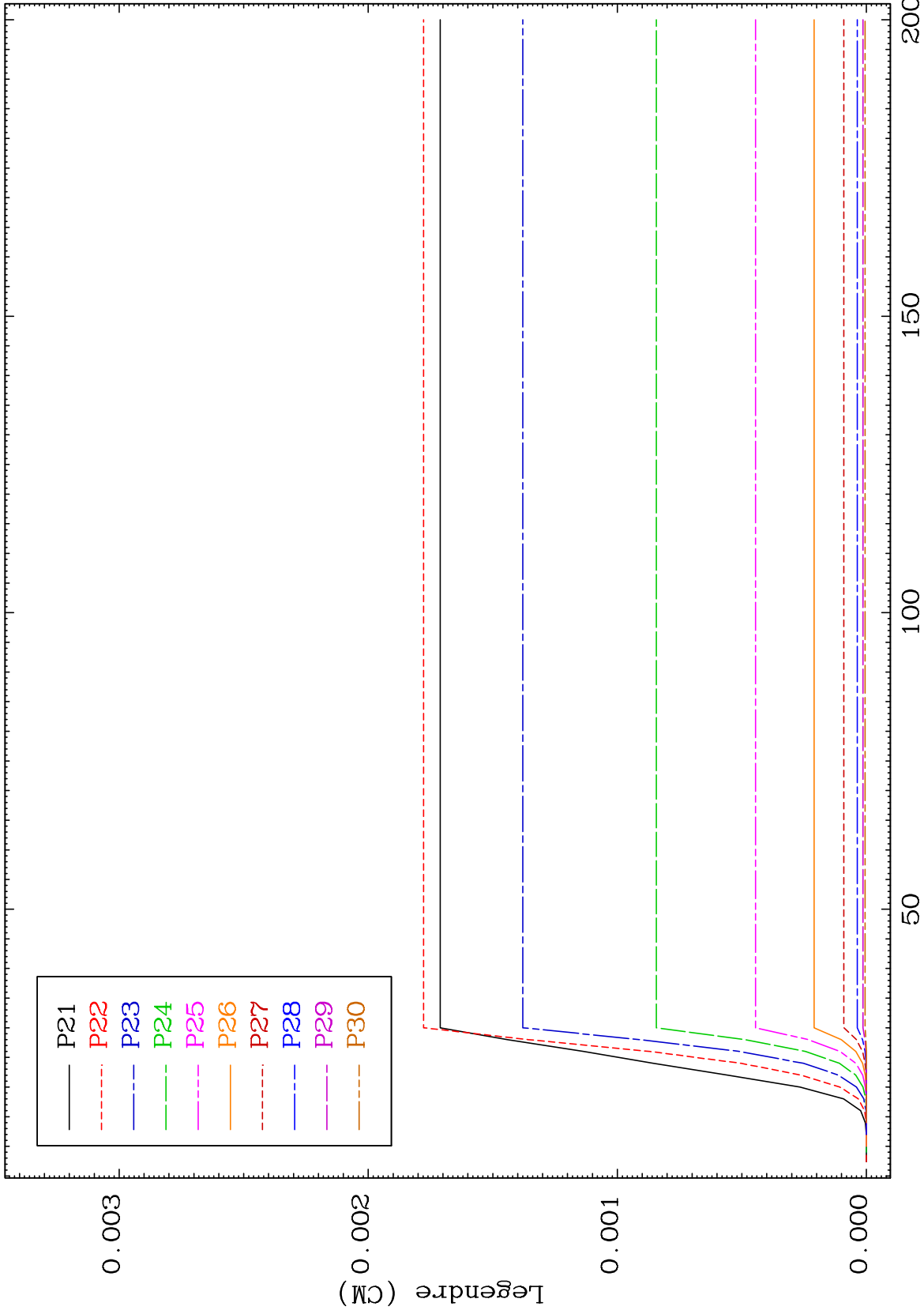
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



68

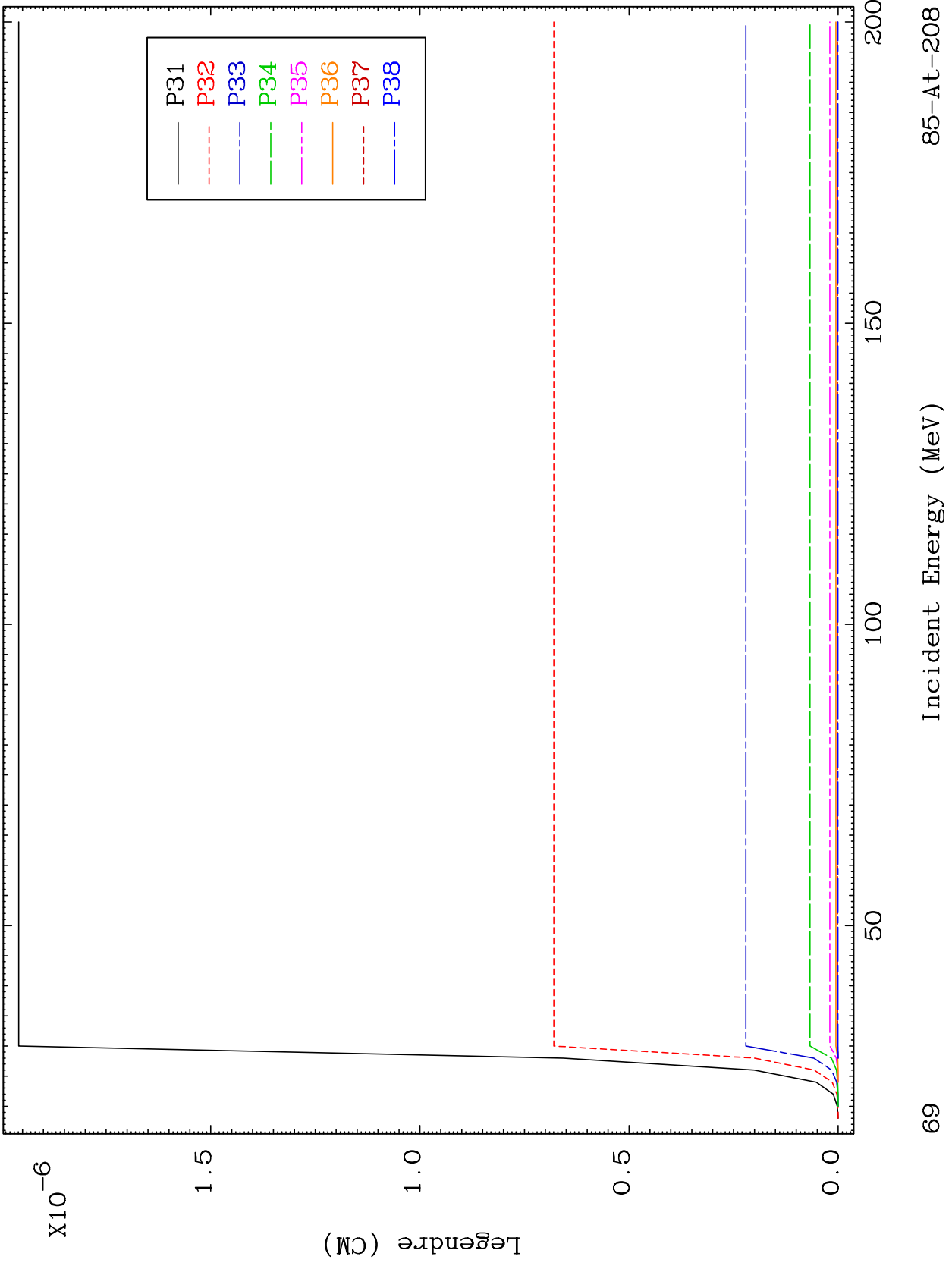
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



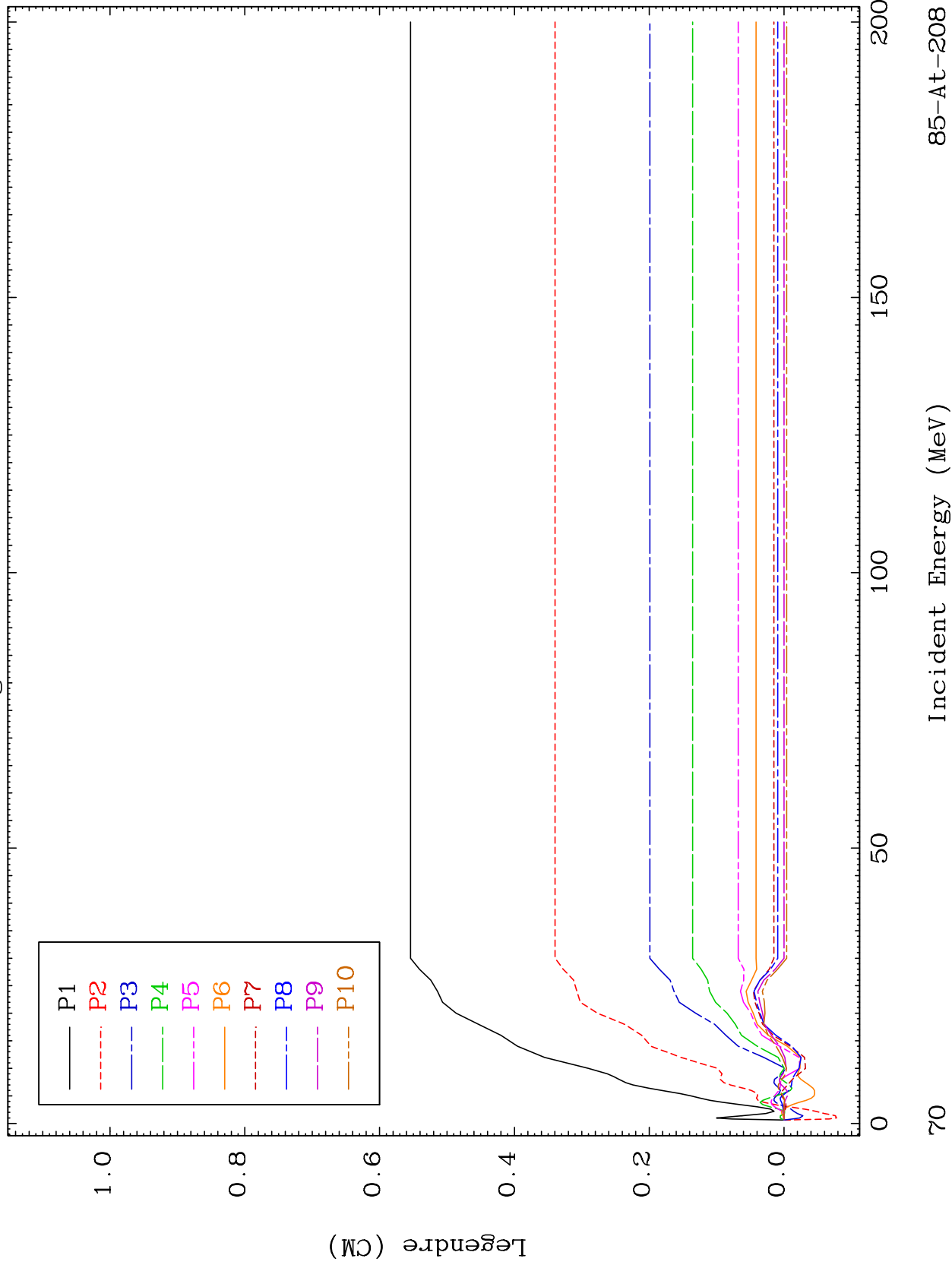
69

85-At-208

MAT 8540

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

85-At-208



85-At-208

Incident Energy (MeV)

70

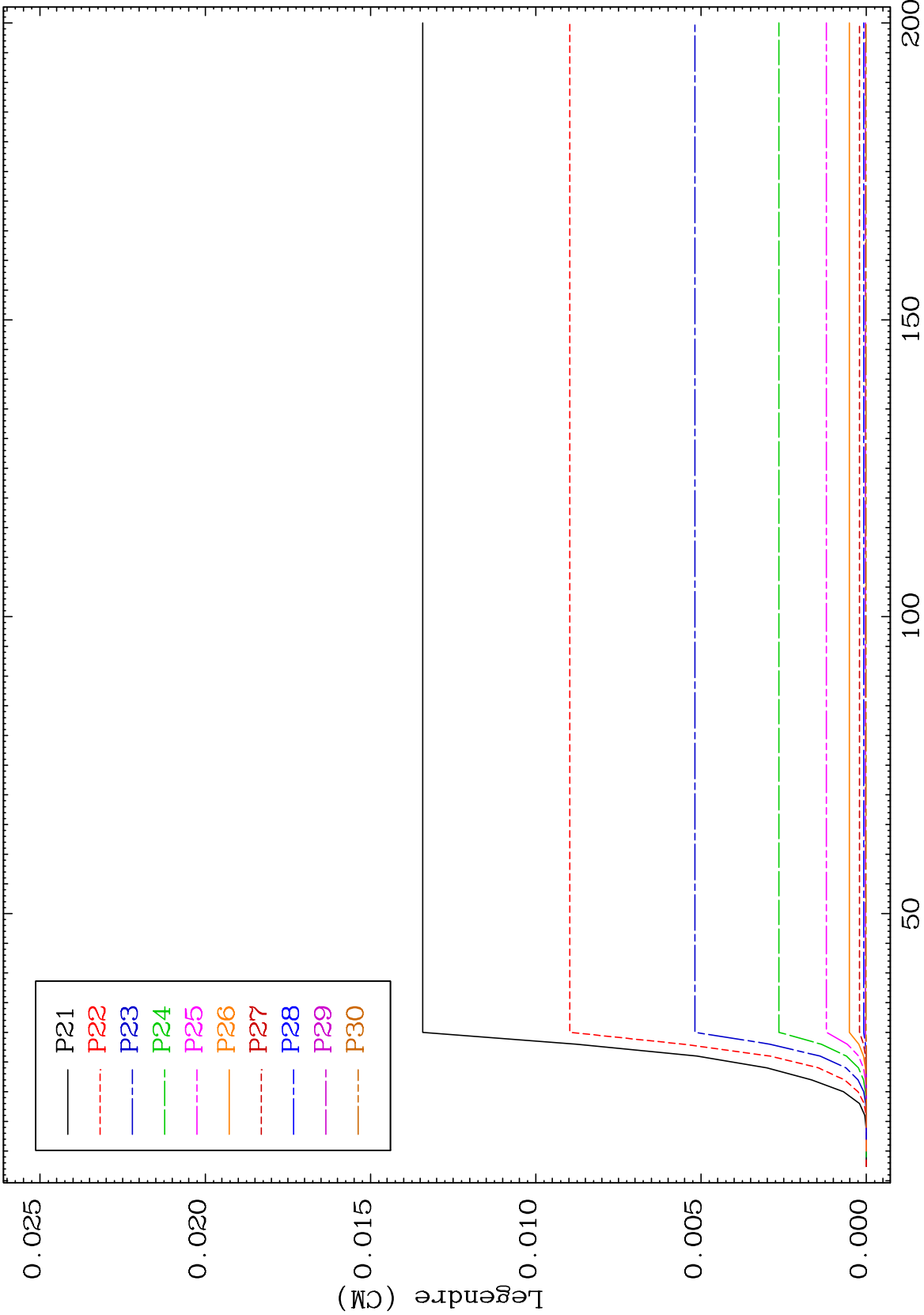




MAT 8540

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

85-At-208



72

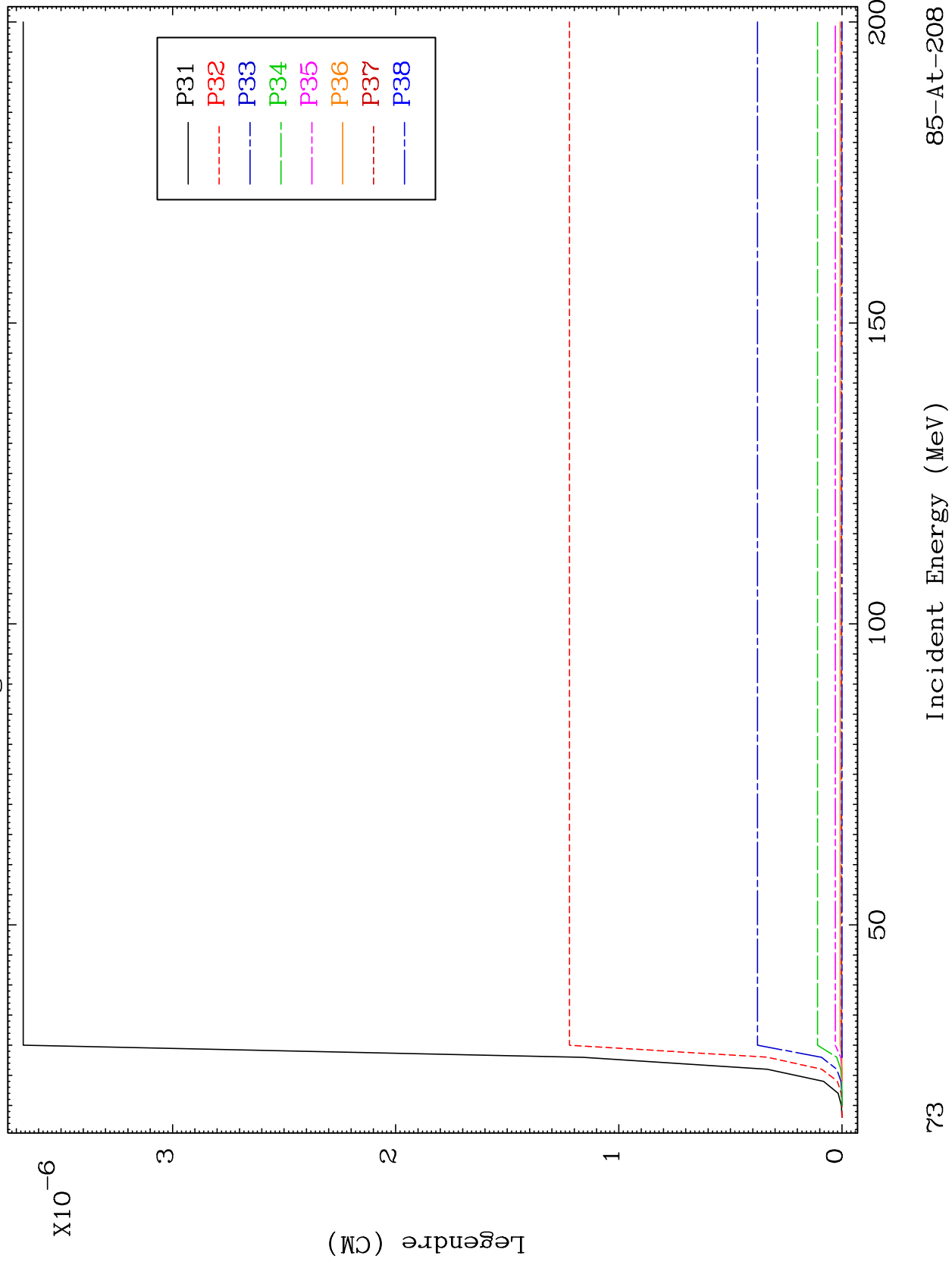
Incident Energy (MeV)

85-At-208

MAT 8540

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

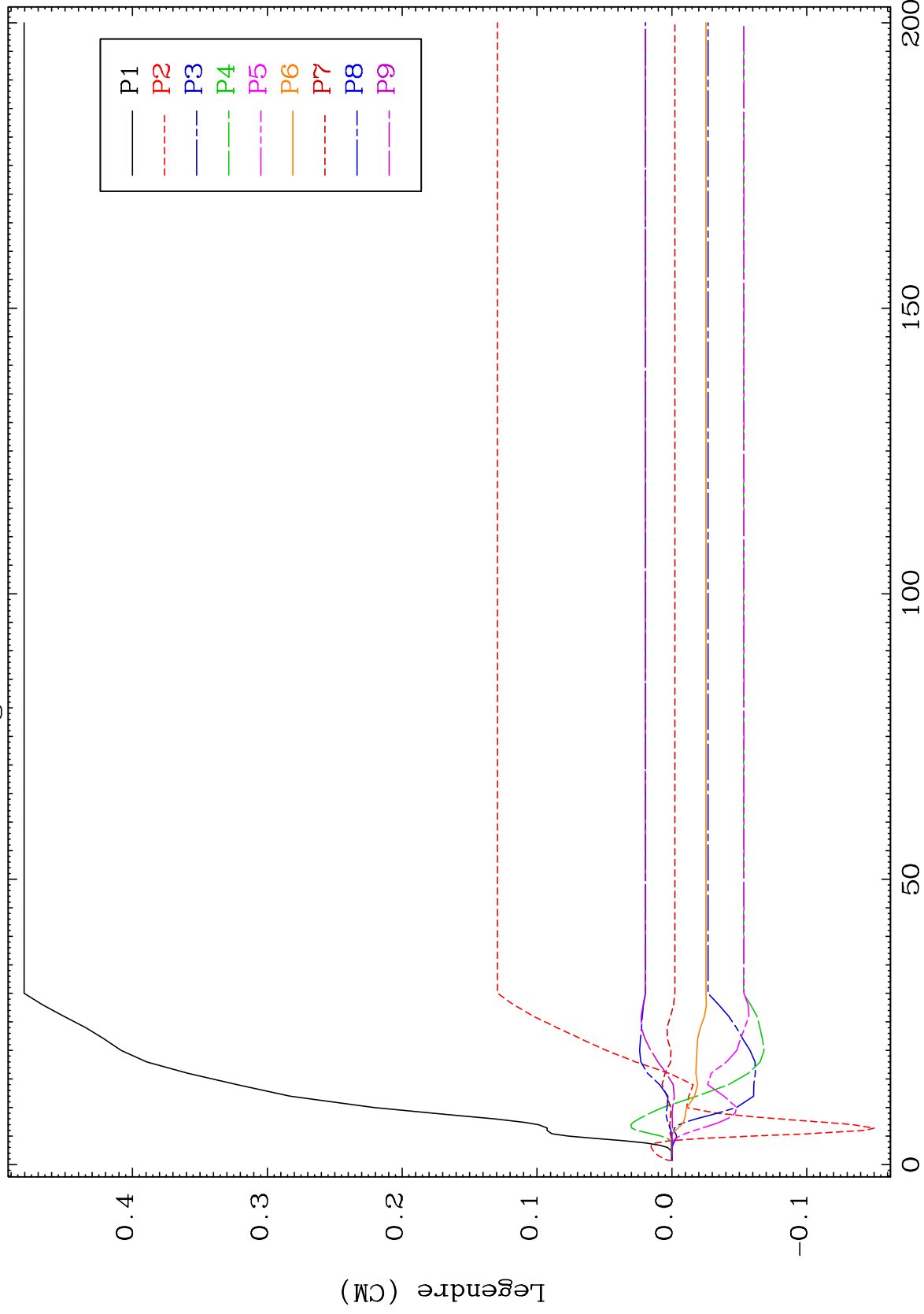
85-At-208



MAT 8540

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

85-At-208



74

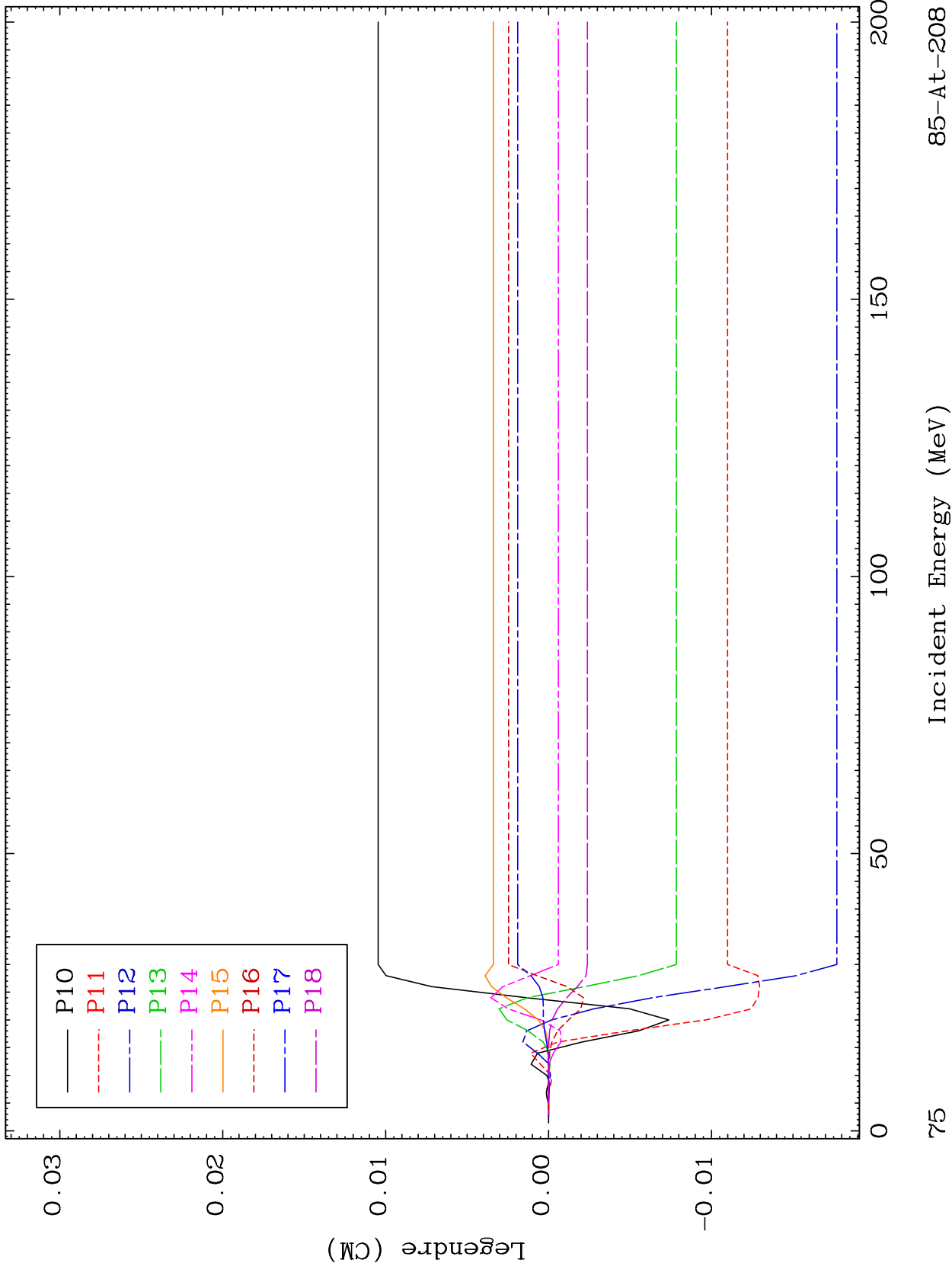
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208

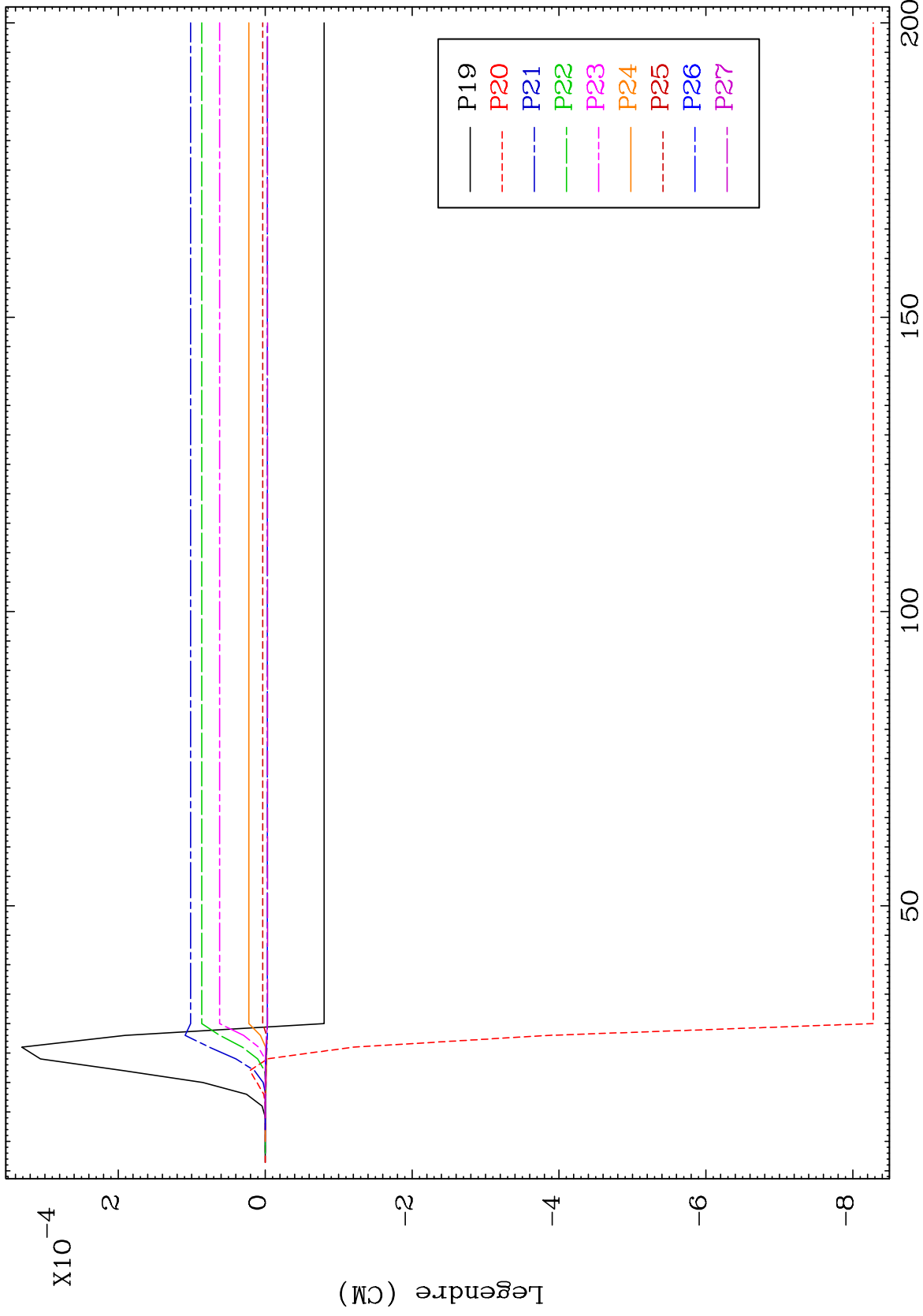


75

MAT 8540

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

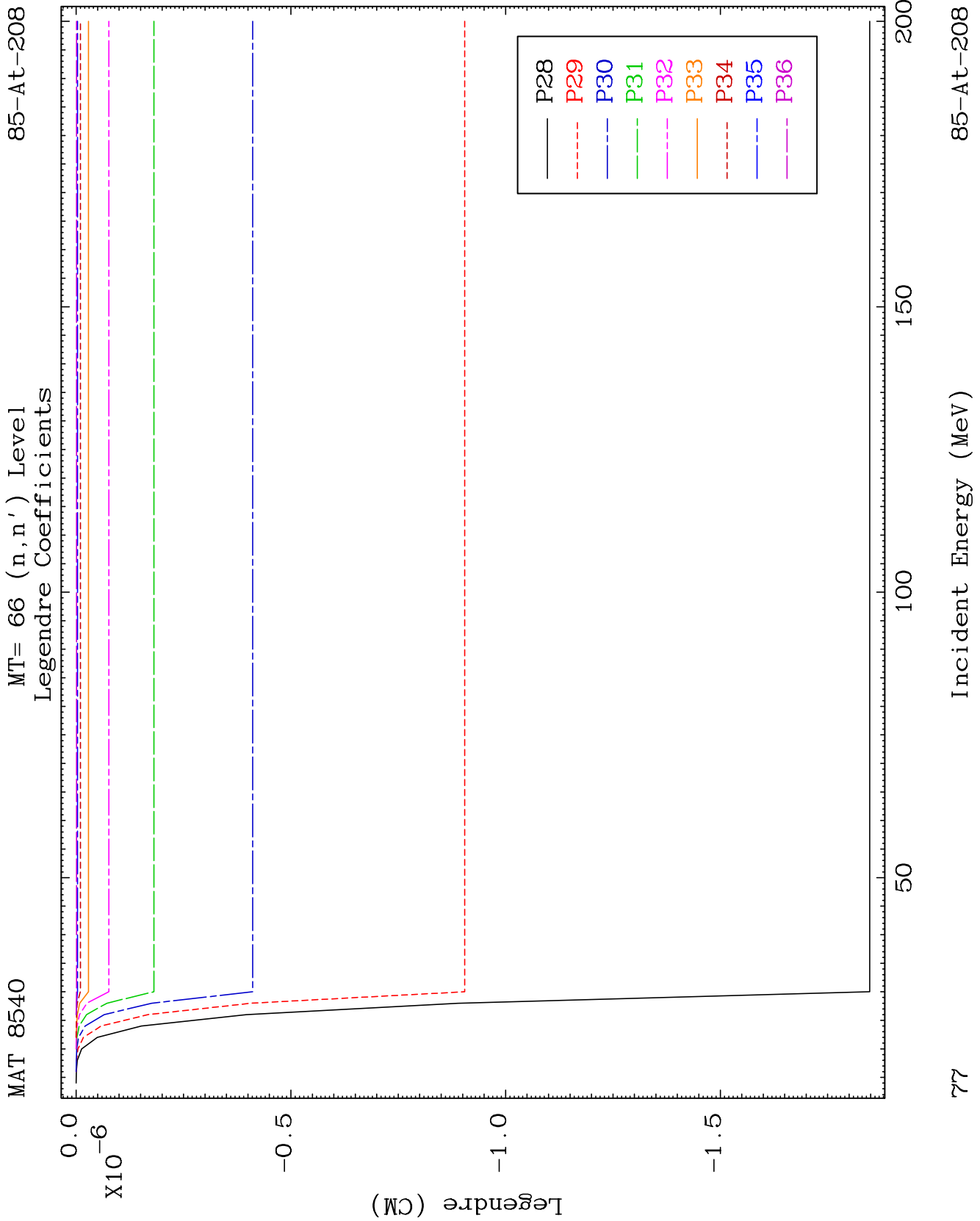
85-At-208



76

Incident Energy (MeV)

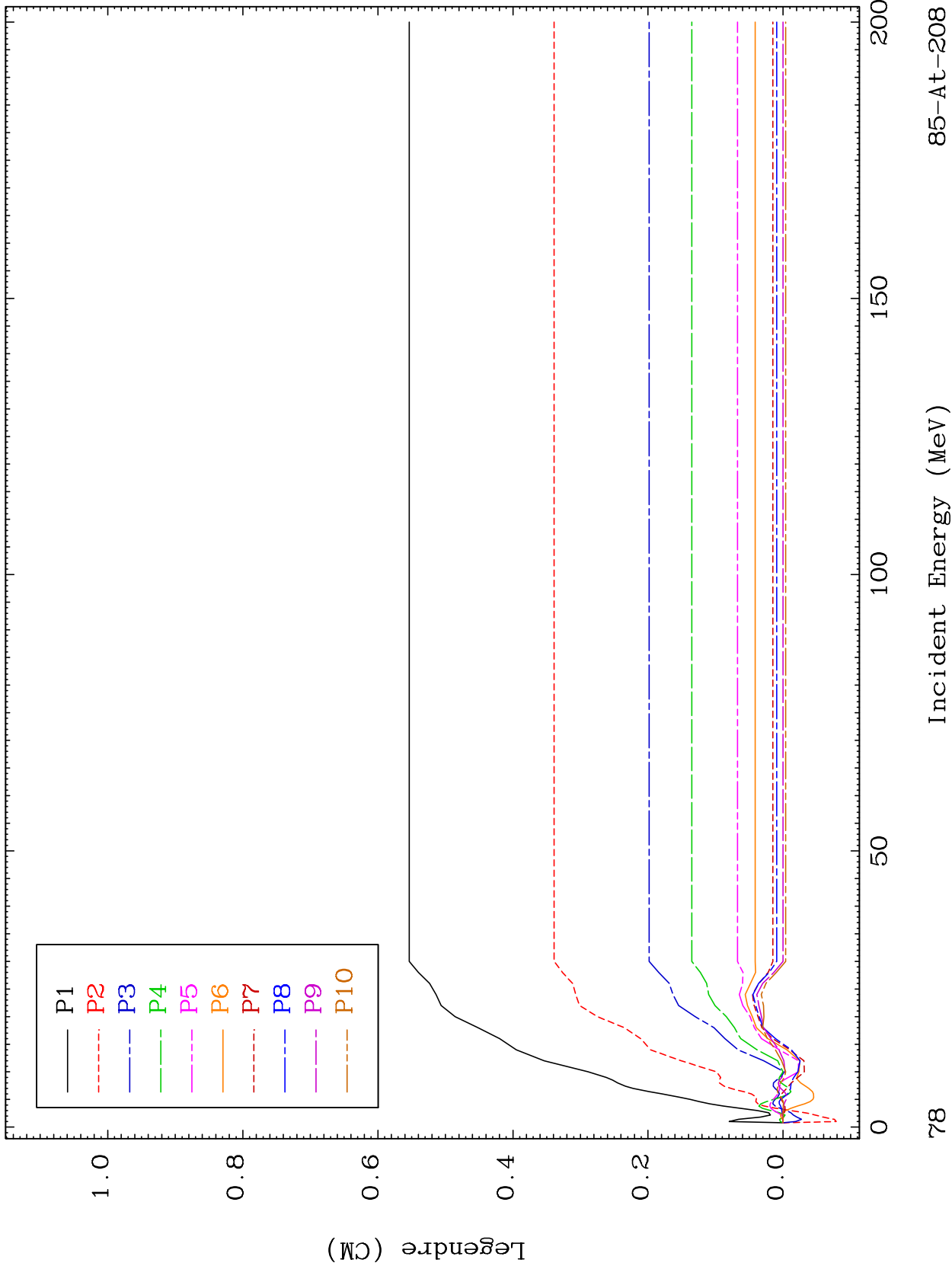
85-At-208



MAT 8540

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

85-At-208



85-At-208

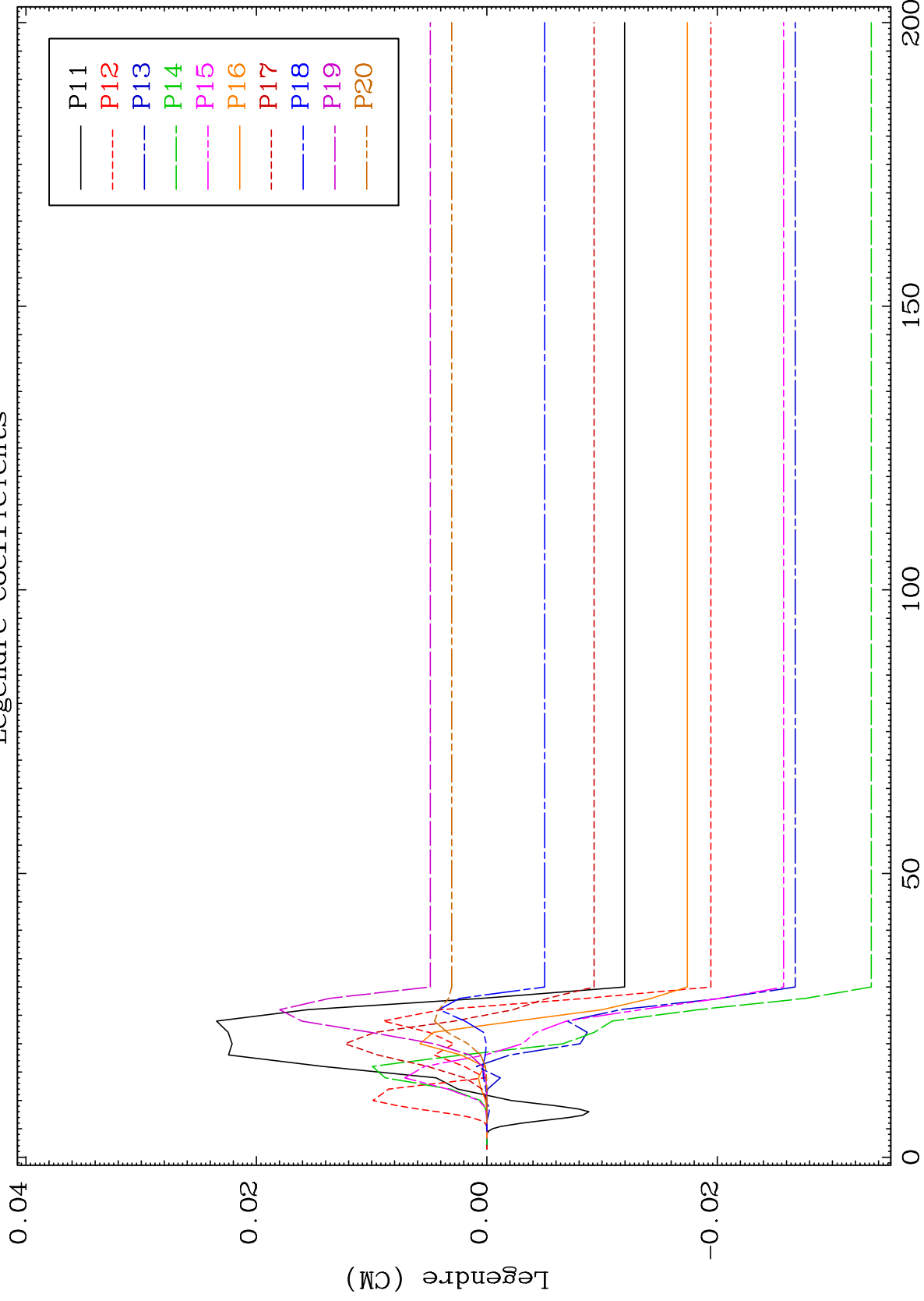
Incident Energy (MeV)

78

MAT 8540

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

85-At-208



79

Incident Energy (MeV)

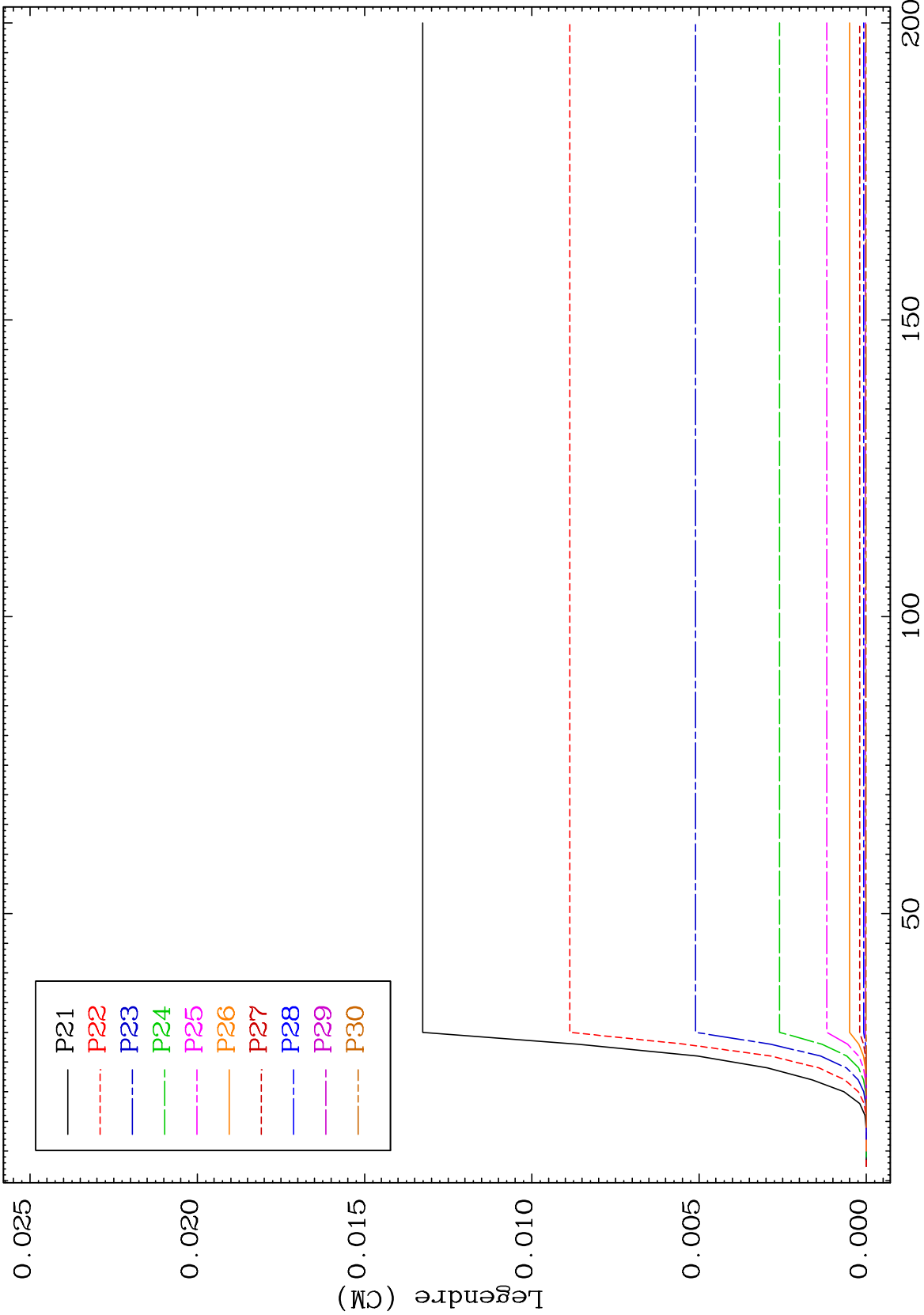
85-At-208



MAT 8540

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

85-At-208



80

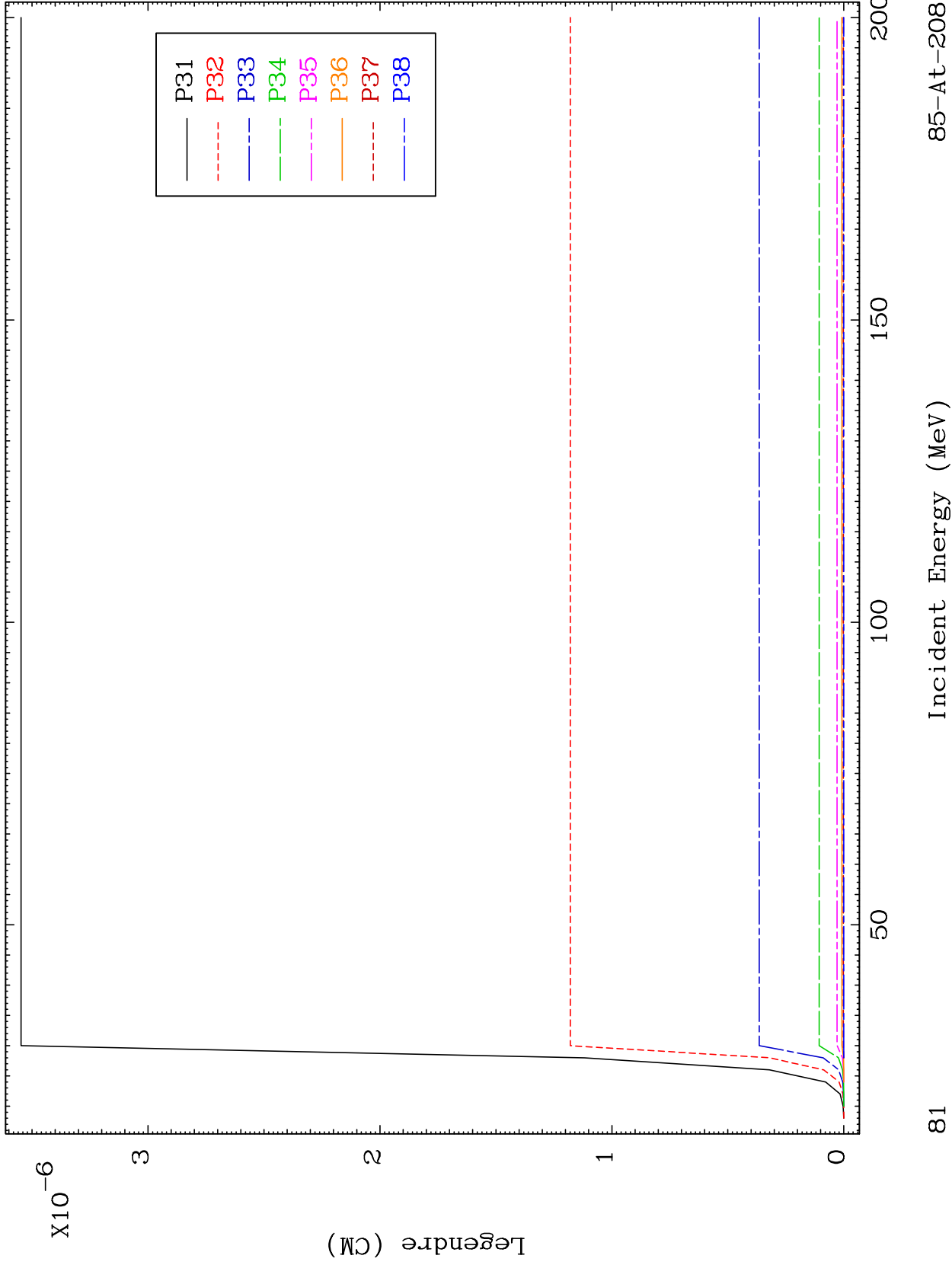
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



81

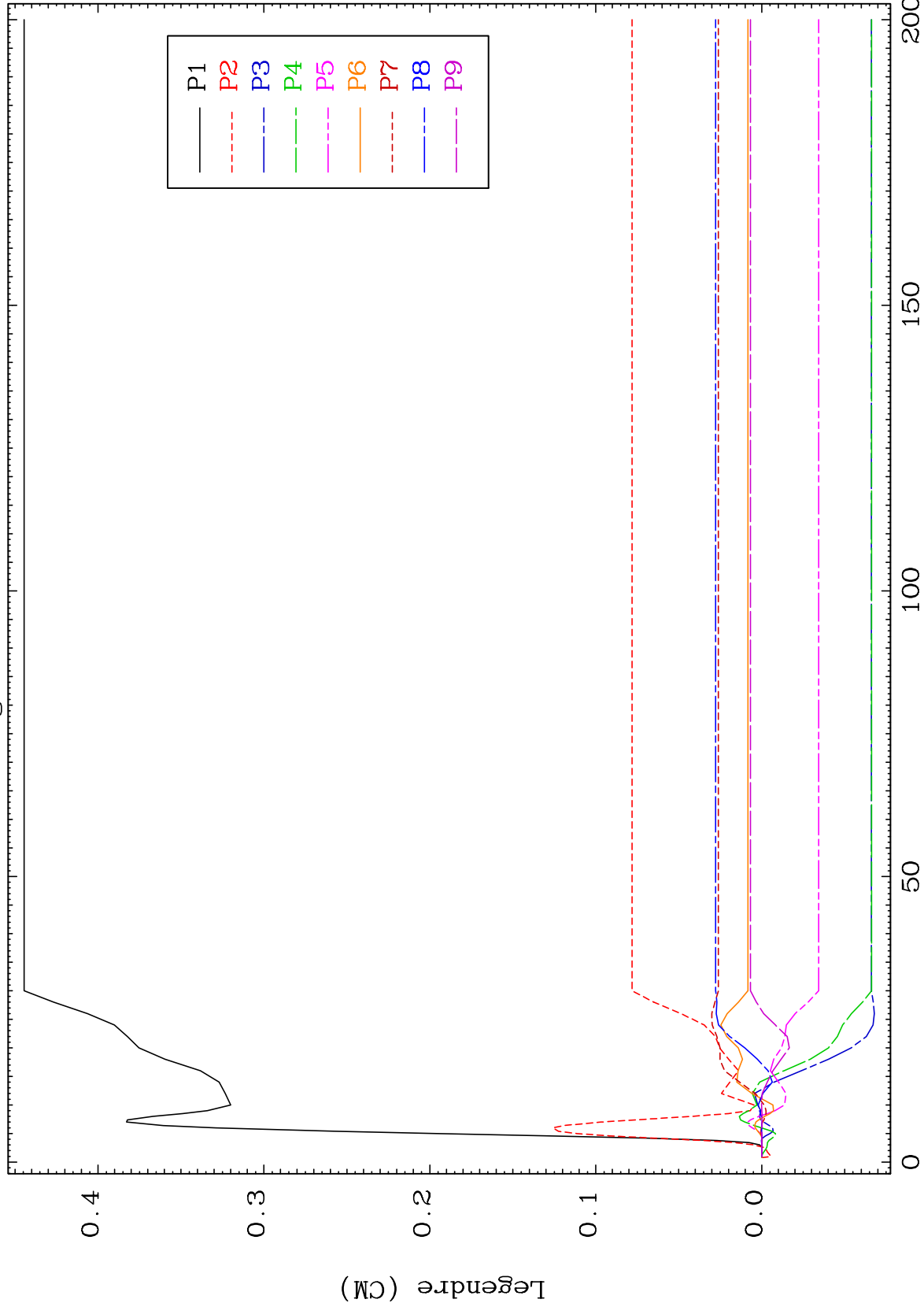
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



82

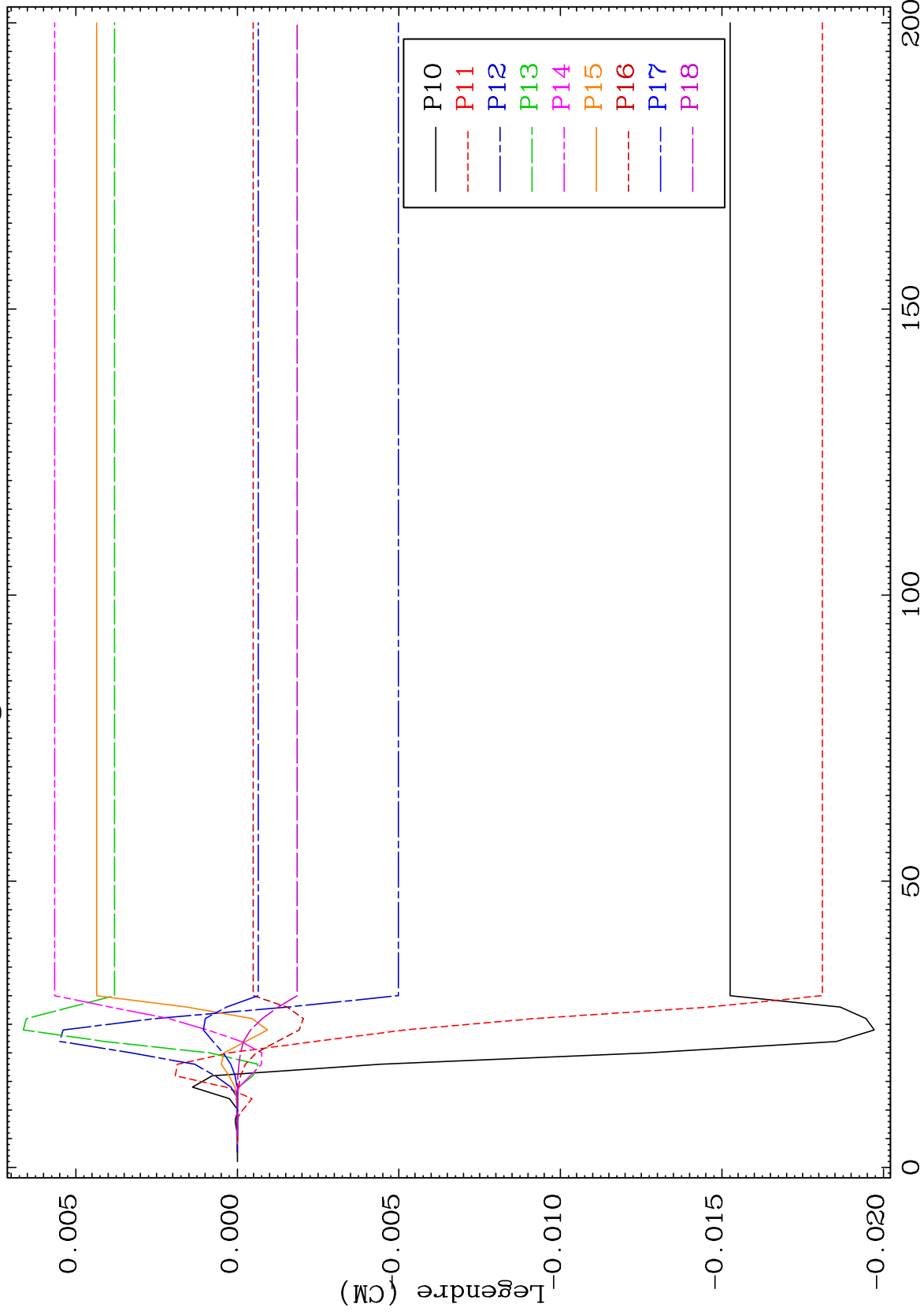
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



83

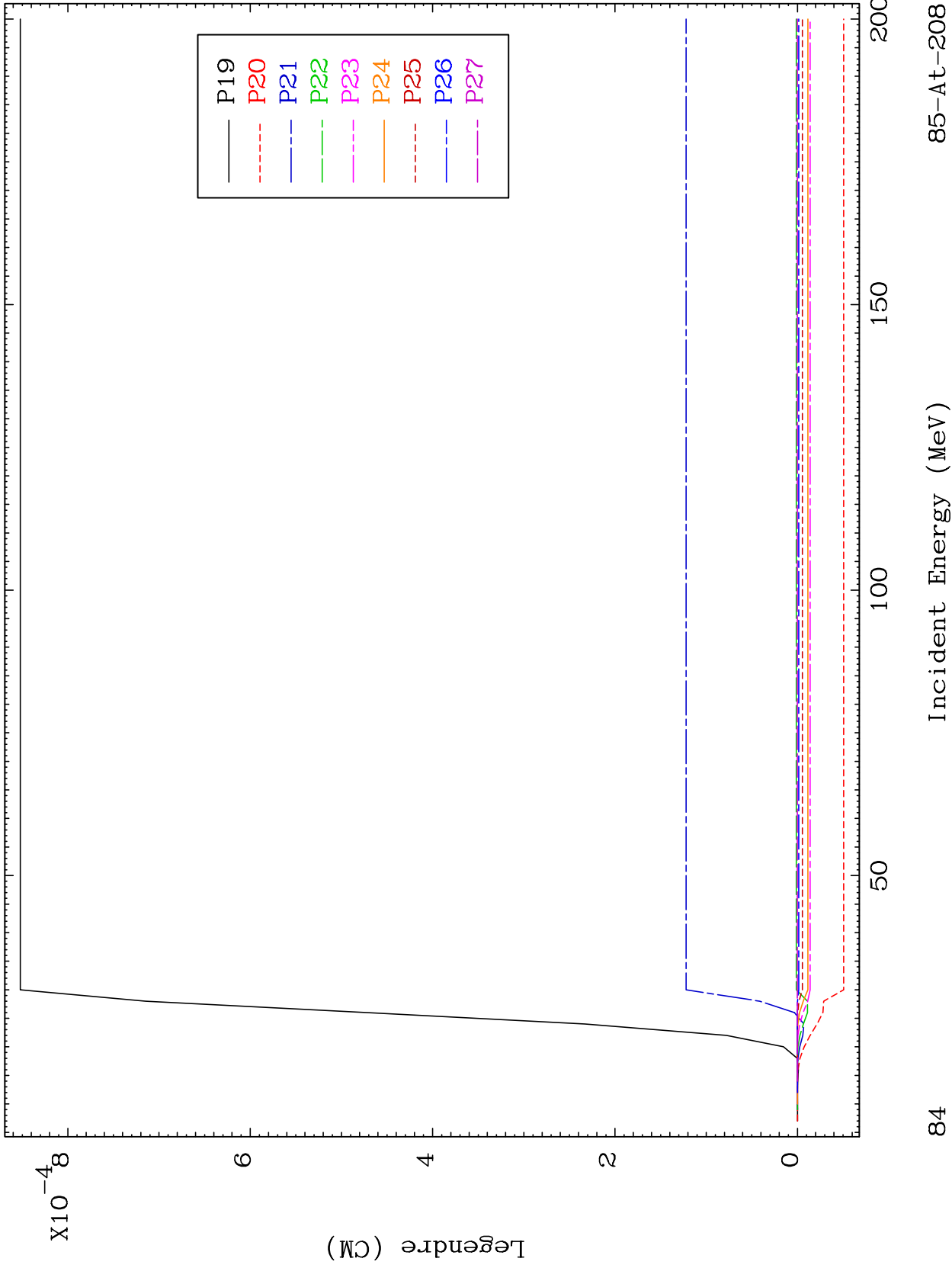
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



84

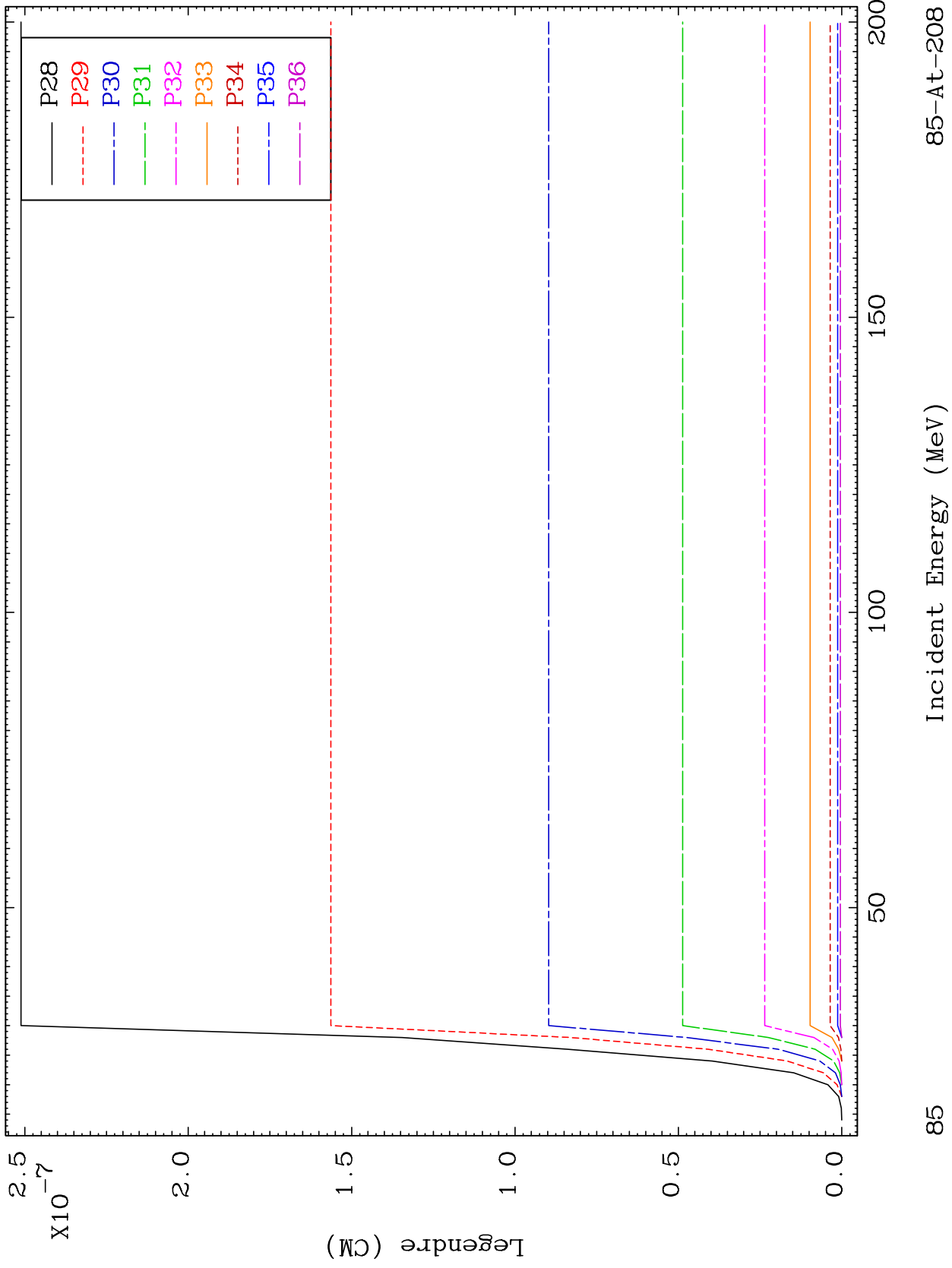
Incident Energy (MeV)

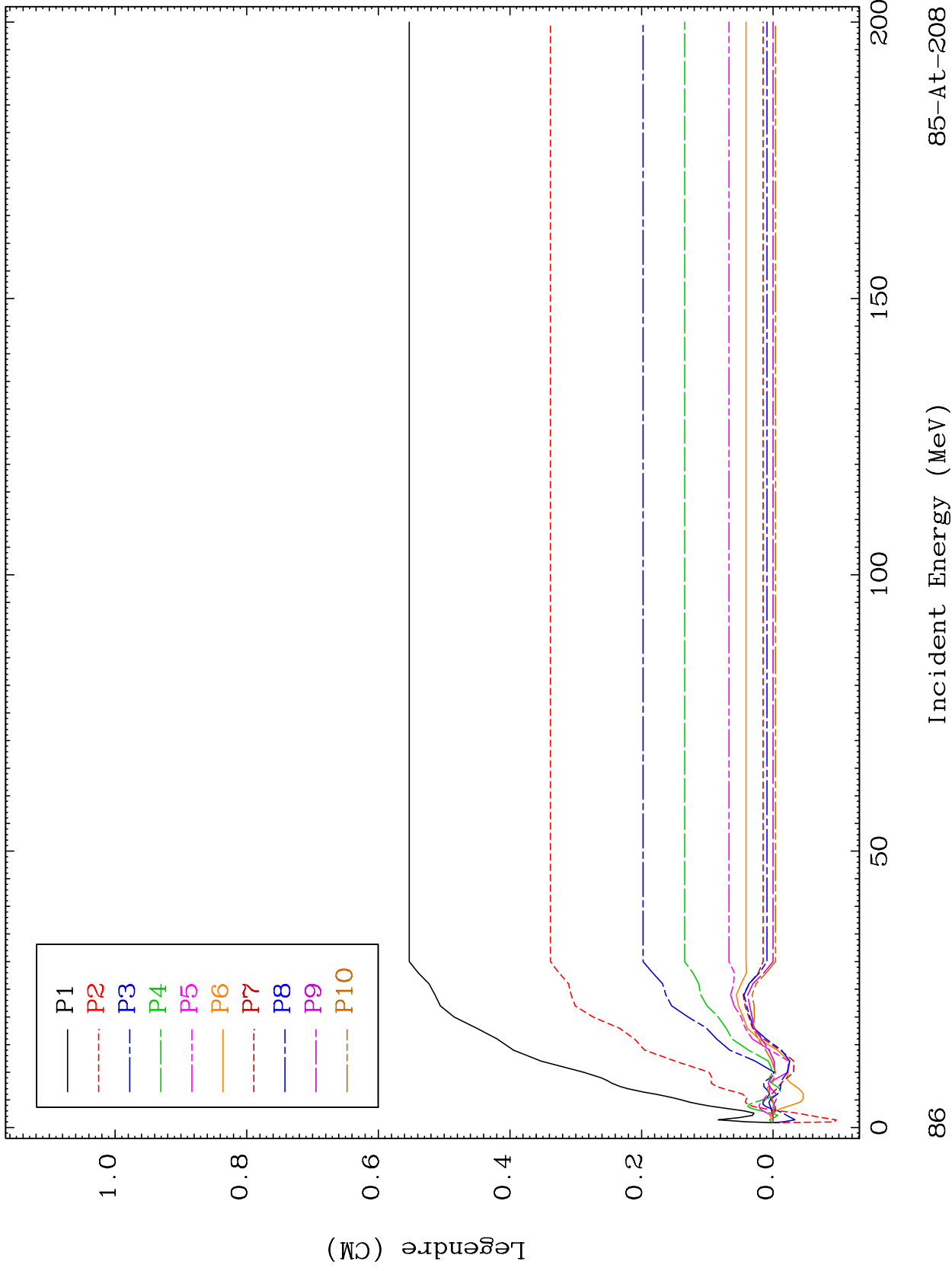
85-At-208

MAT 8540

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

85-At-208

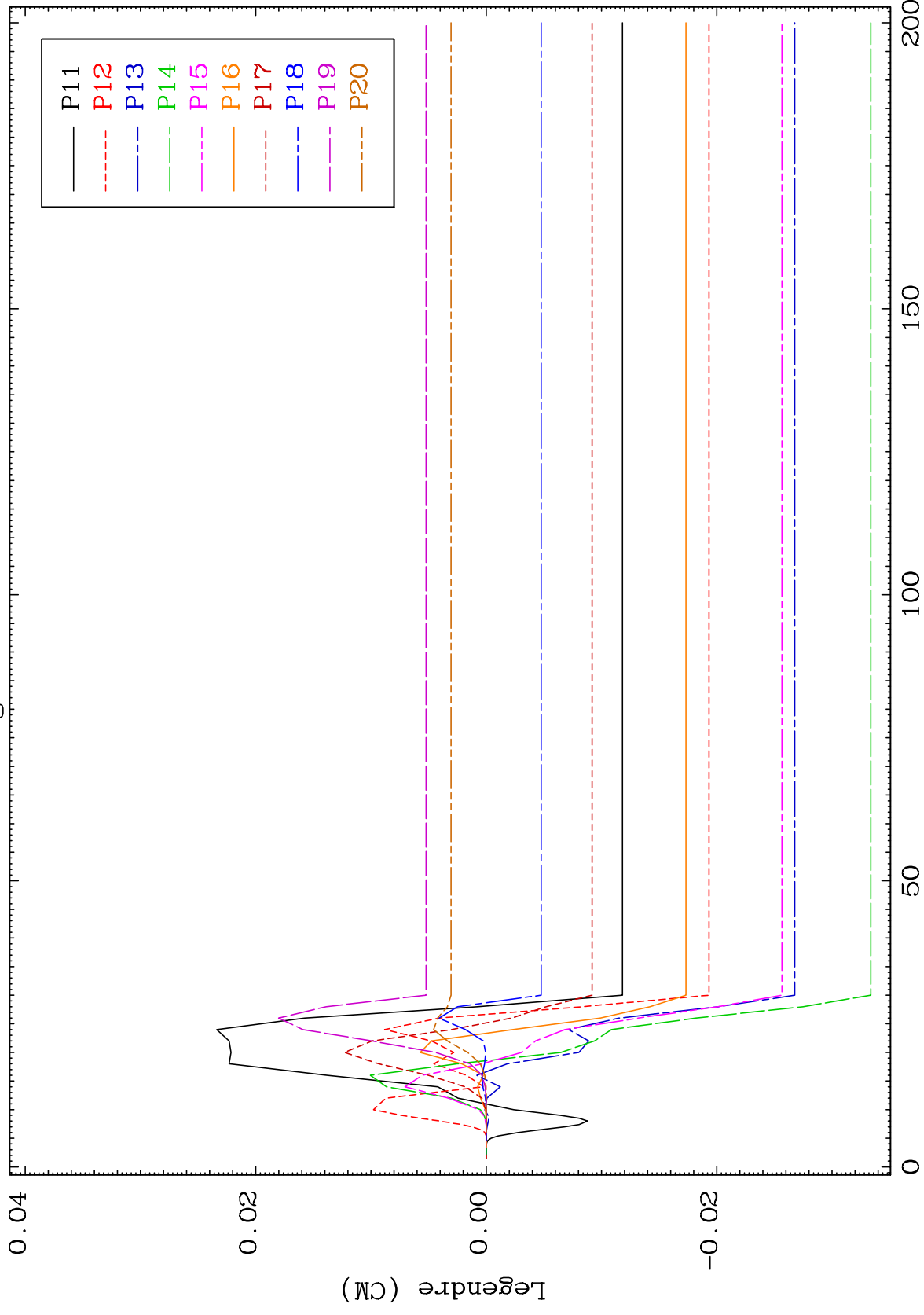




MAT 8540

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

85-At-208

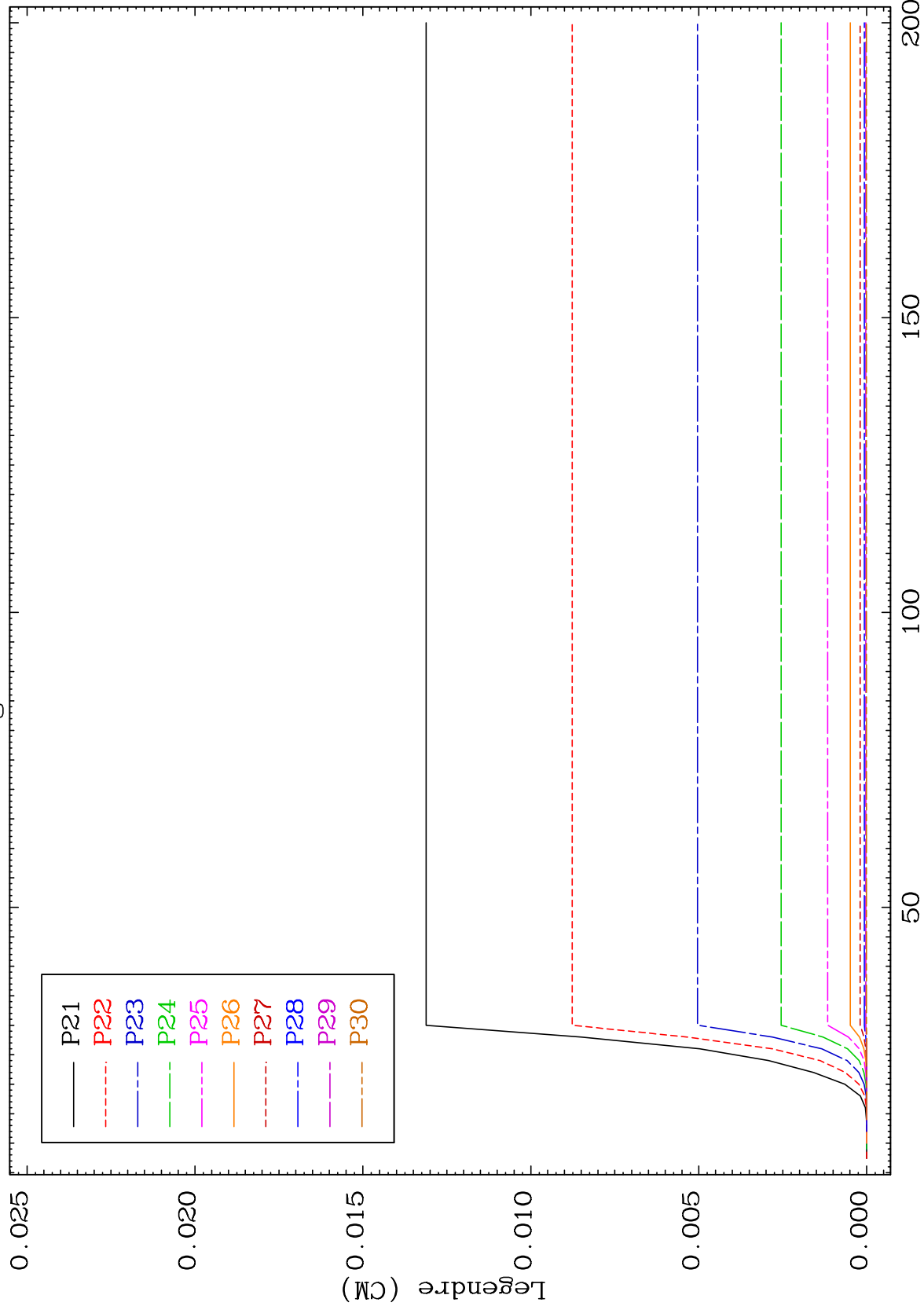


87

Incident Energy (MeV)

85-At-208

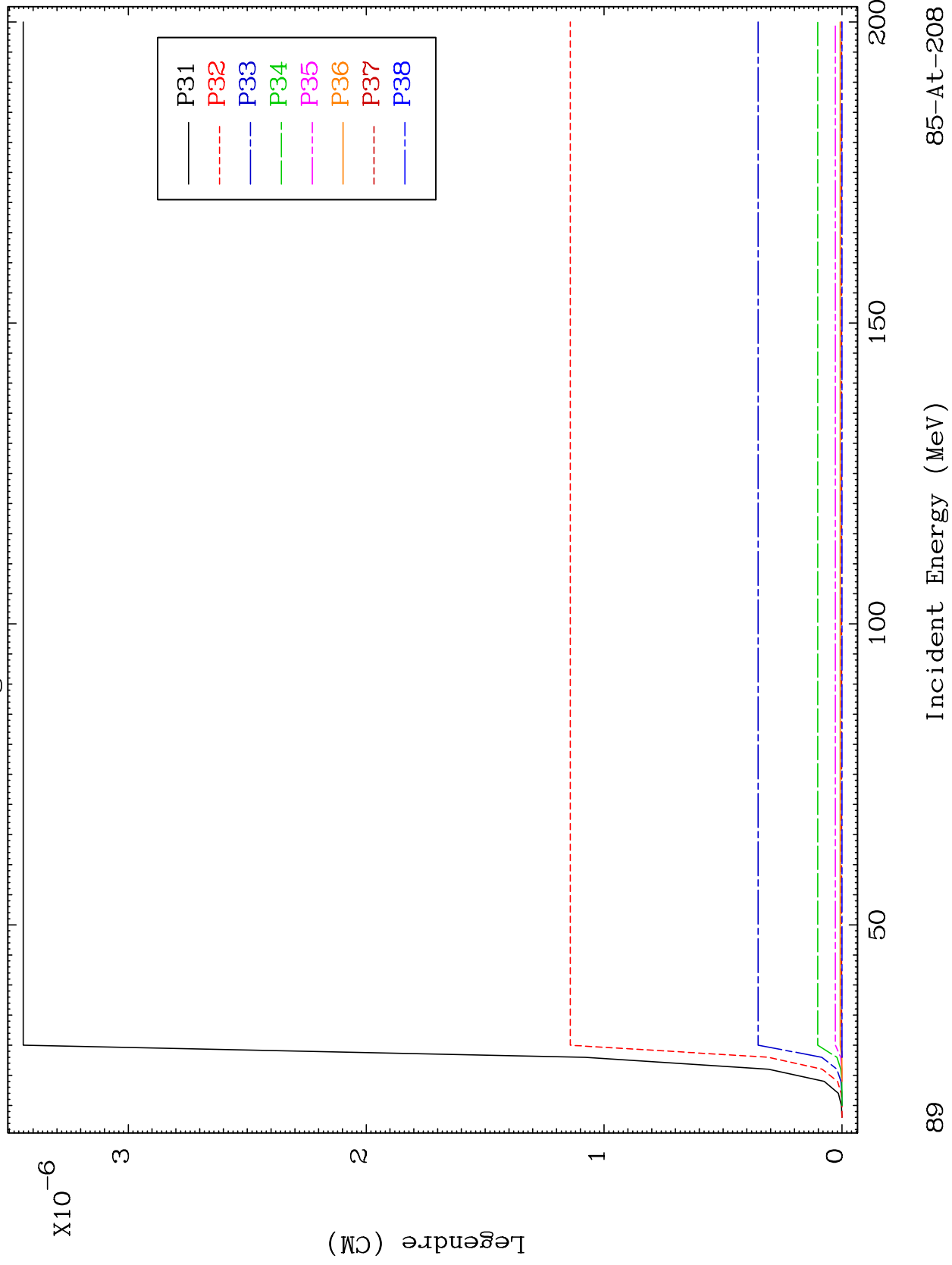


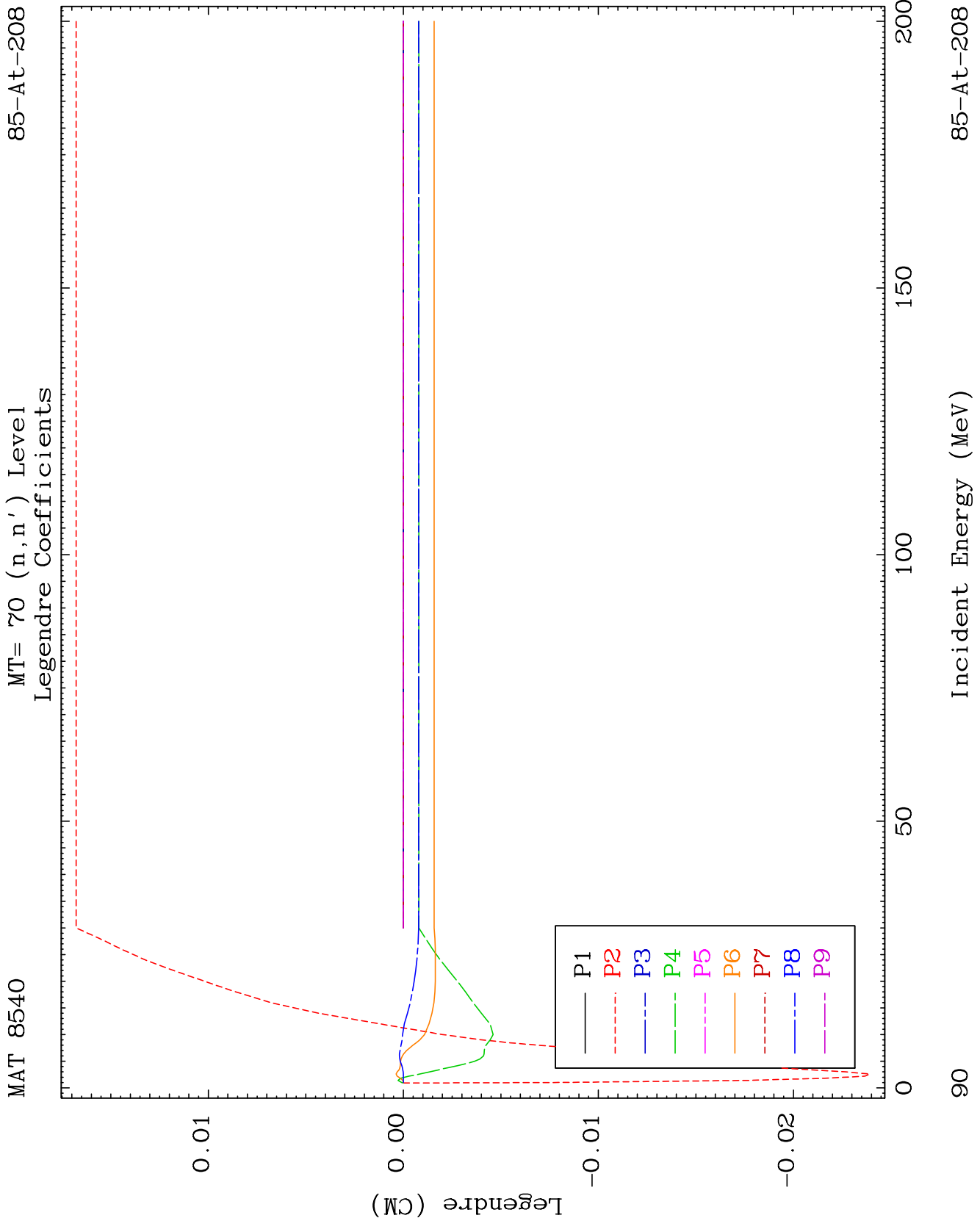


MAT 8540

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

85-At-208

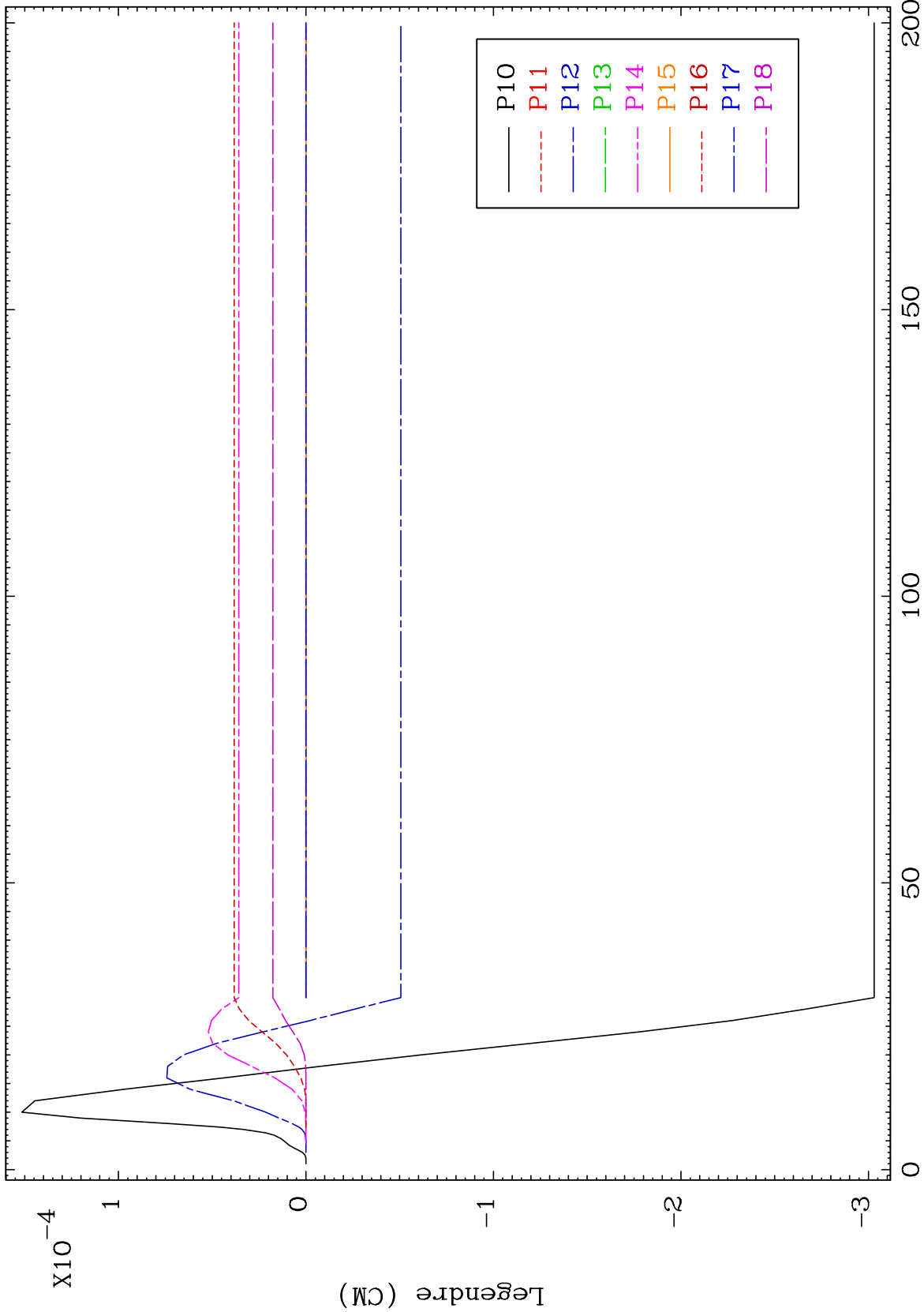




MAT 8540

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

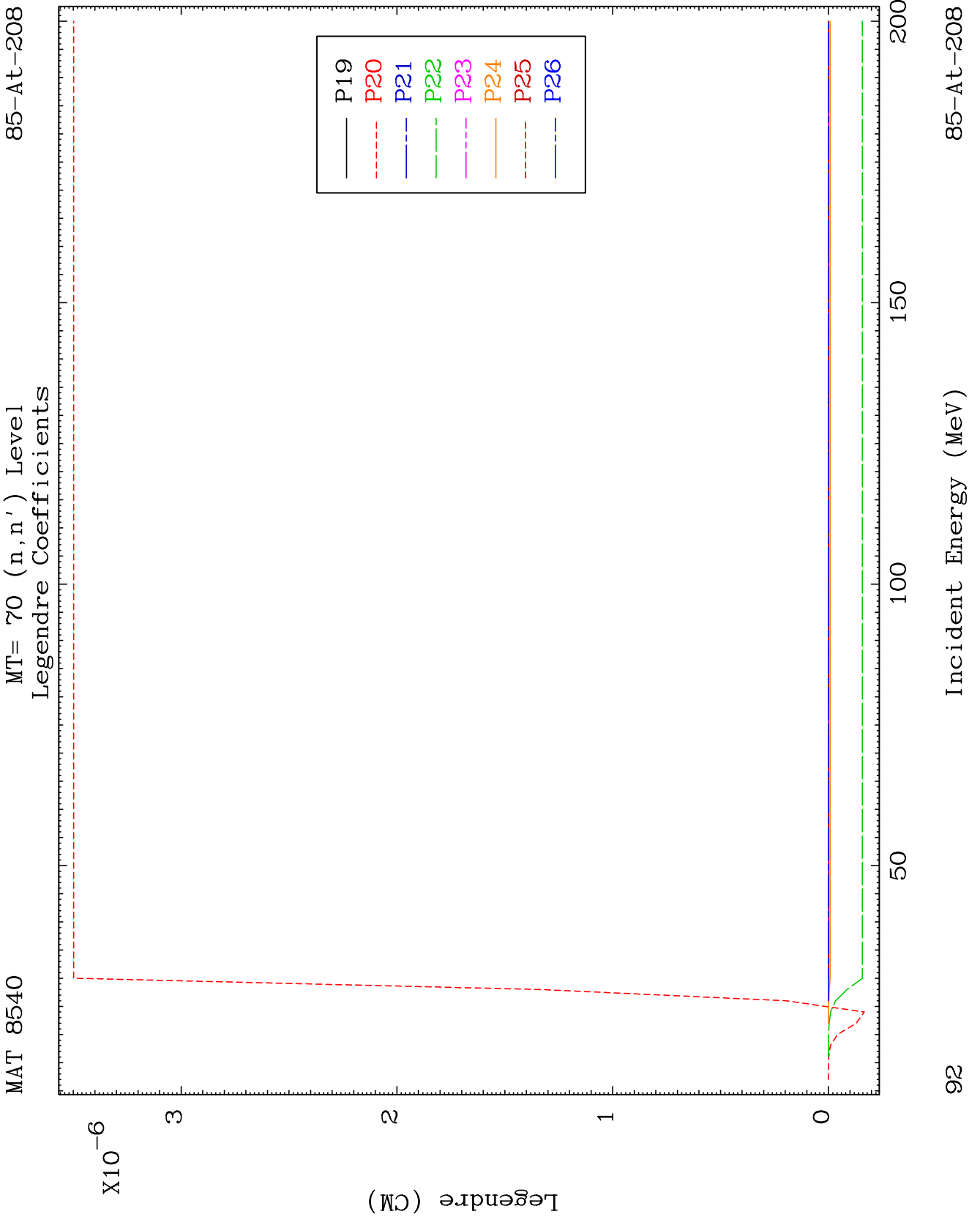
85-At-208

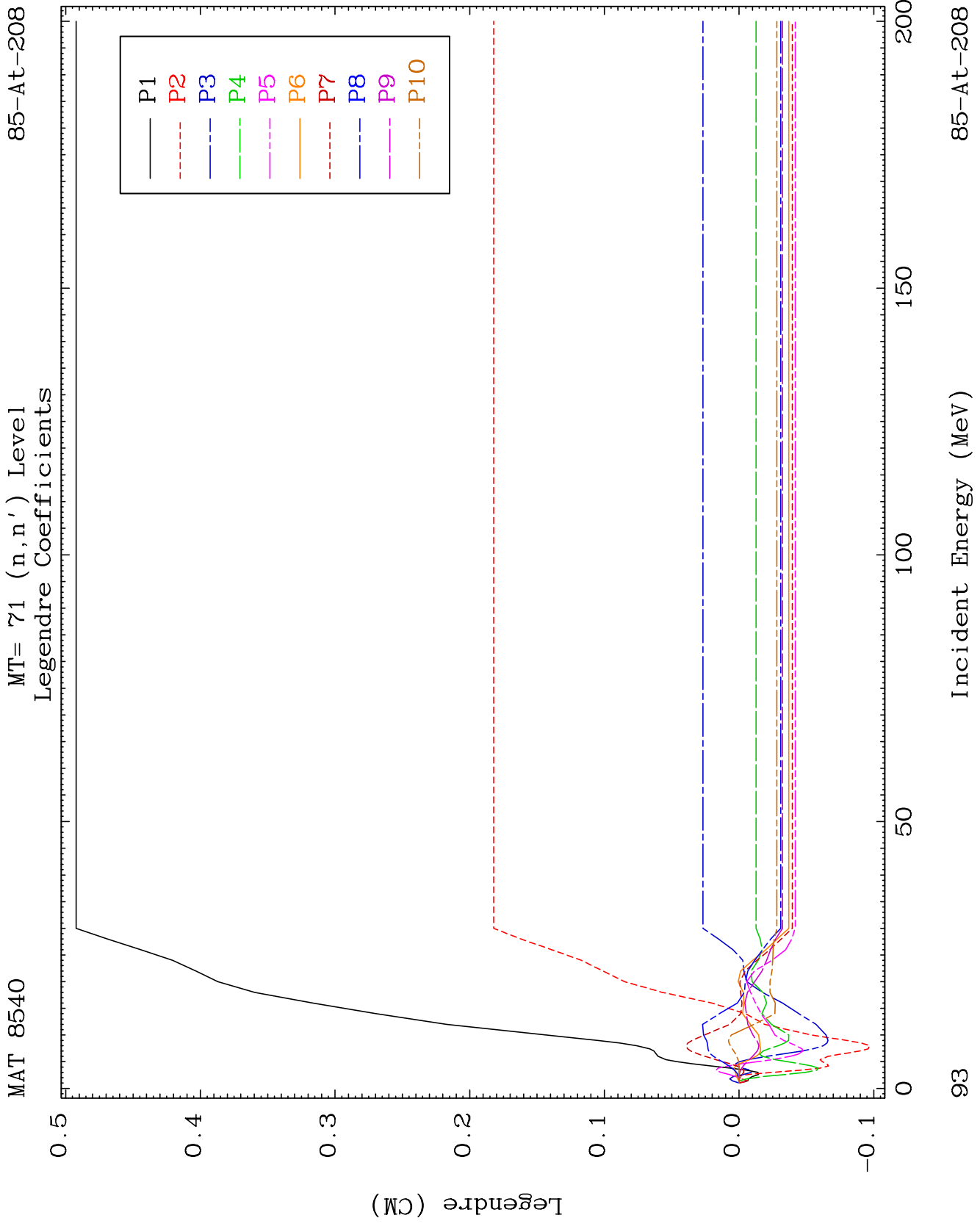


91

Incident Energy (MeV)

85-At-208

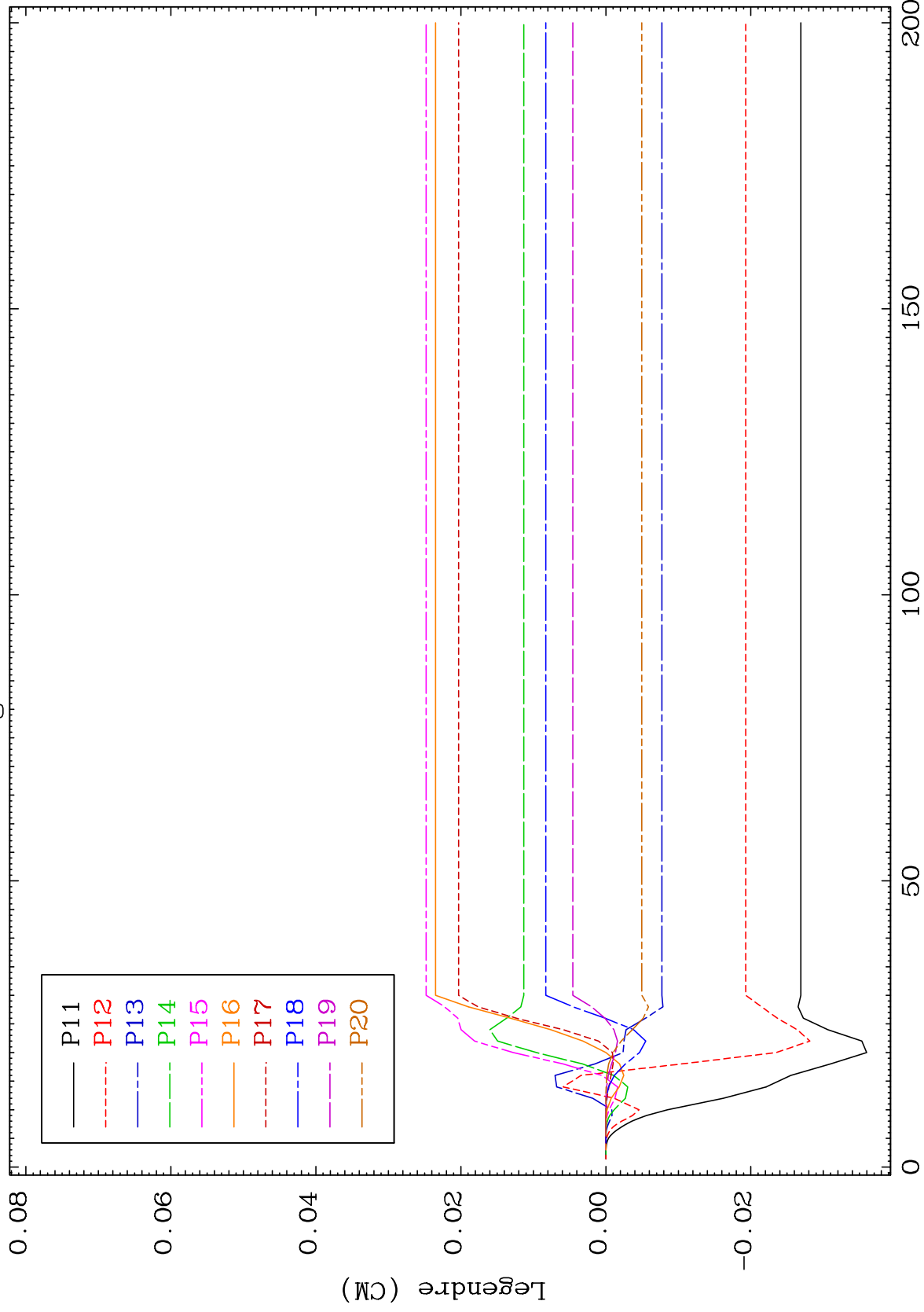




MAT 8540

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

85-At-208



94

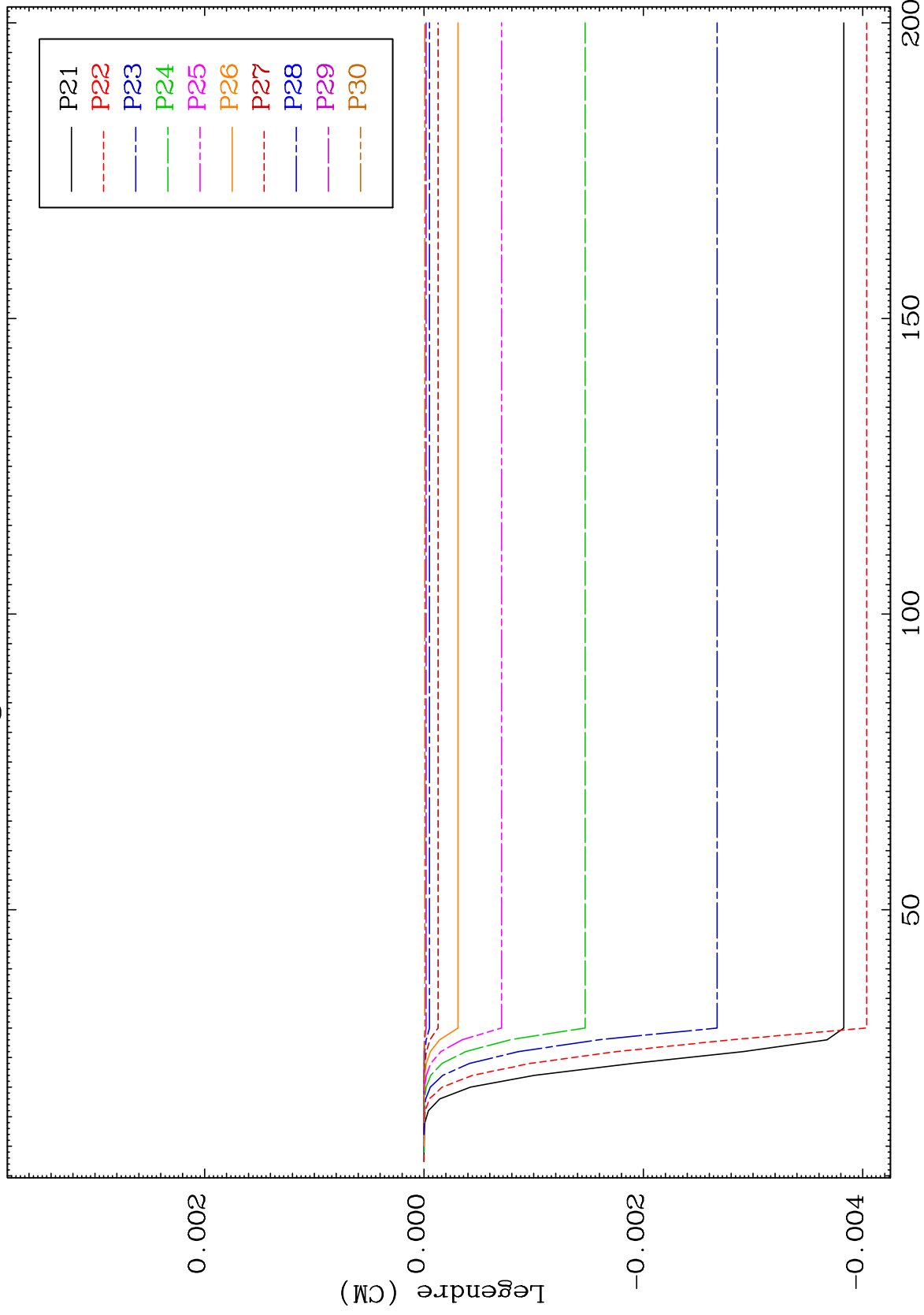
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208

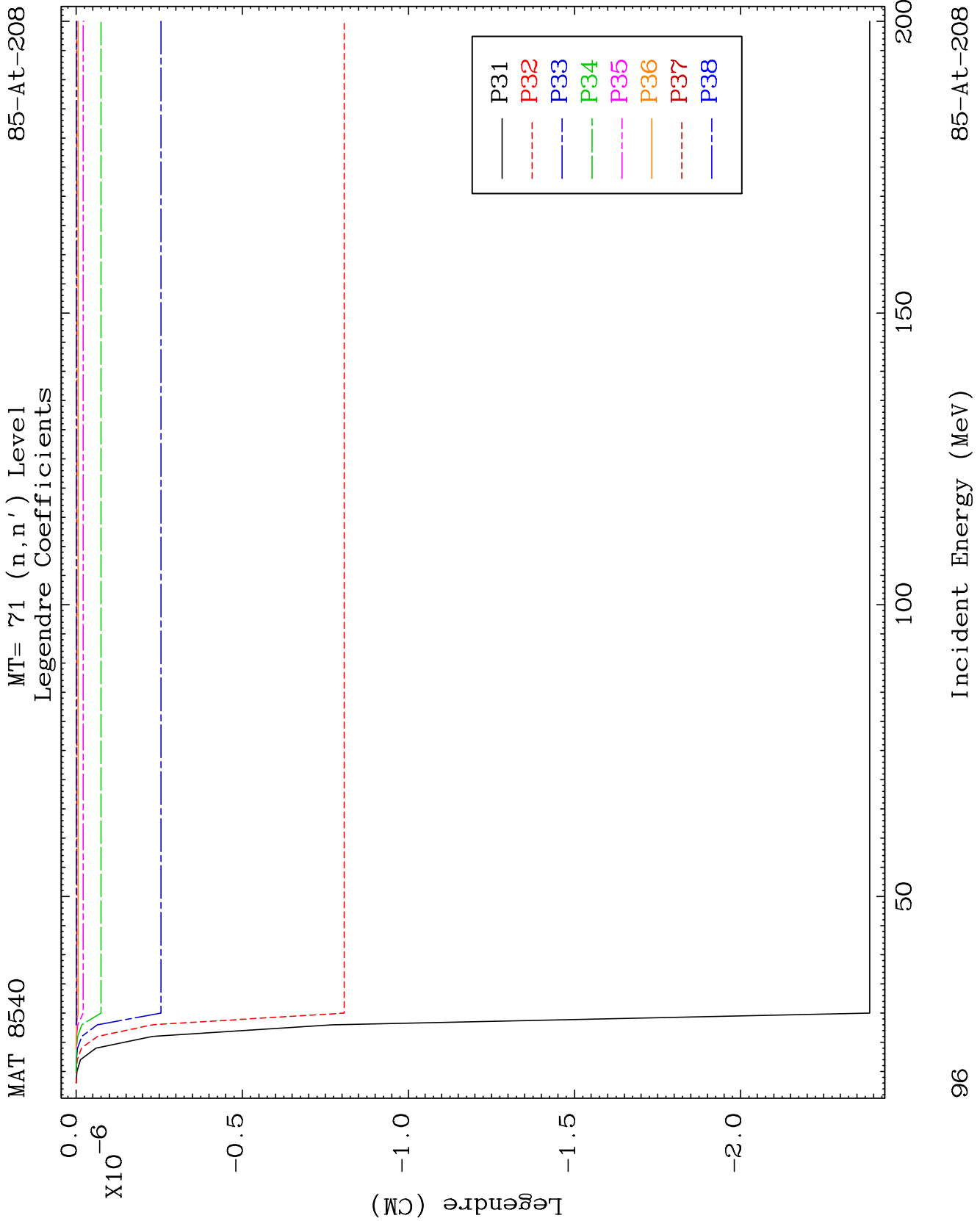


95

Incident Energy (MeV)

85-At-208

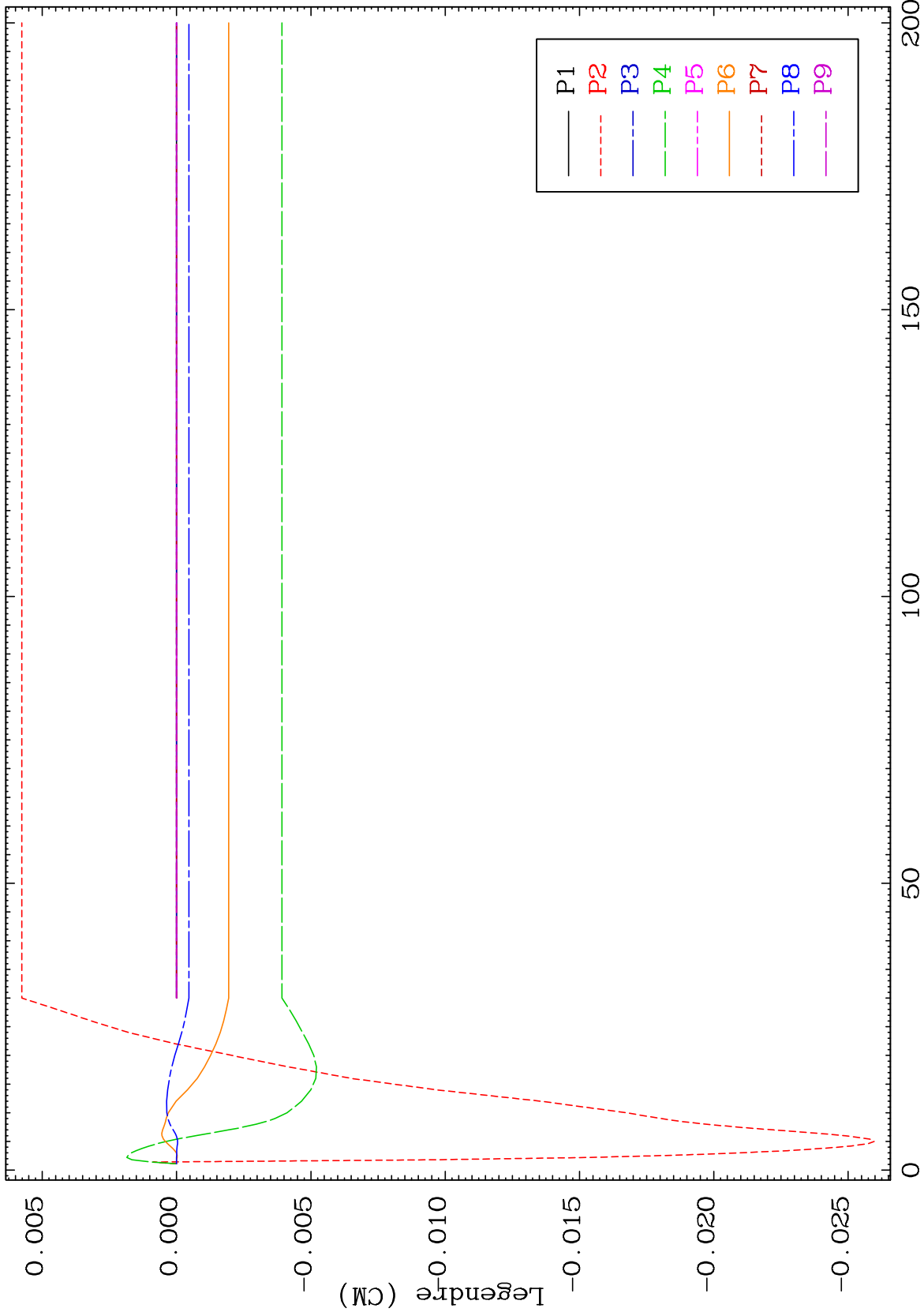




MAT 8540

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

85-At-208



97

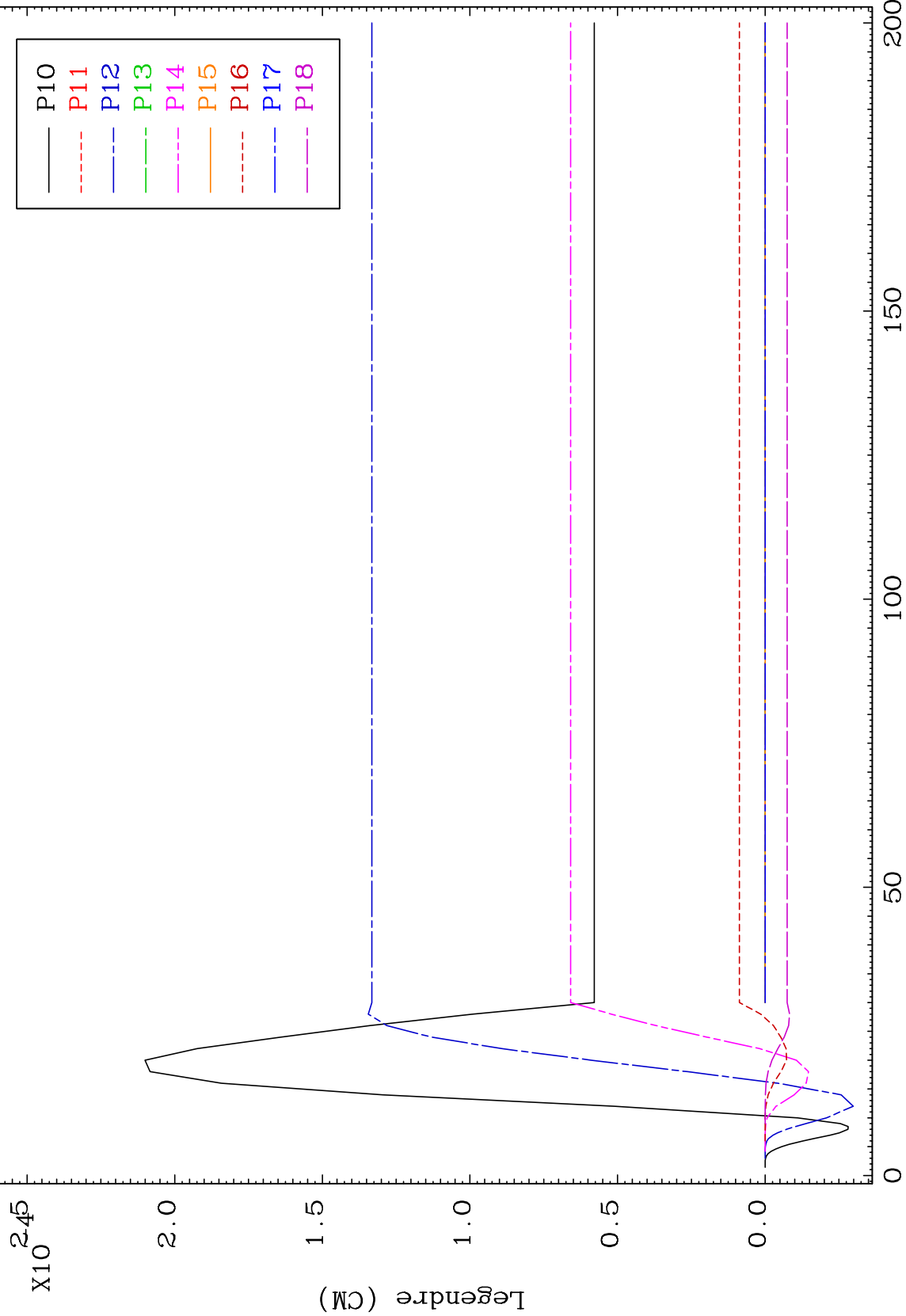
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



98

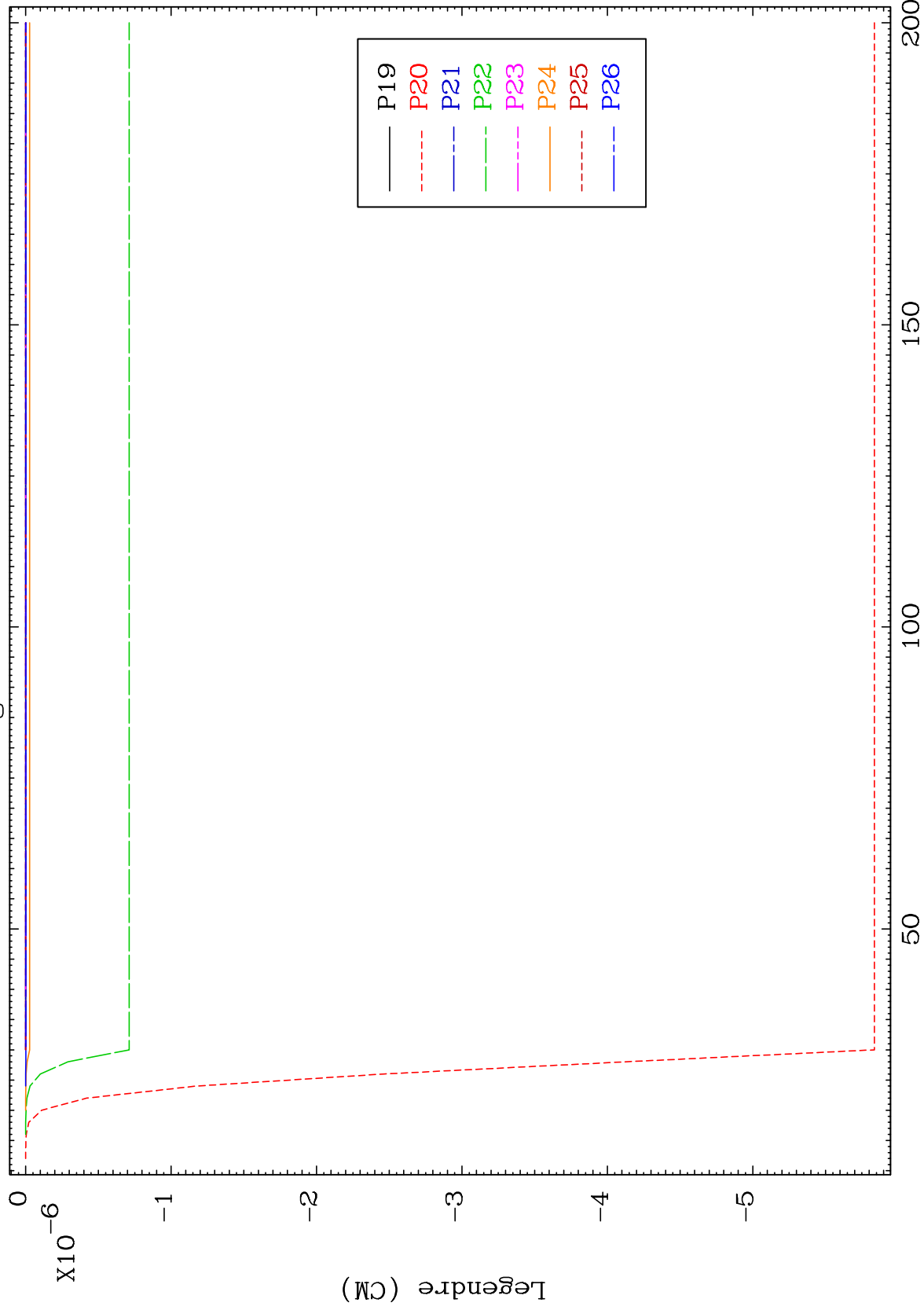
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



99

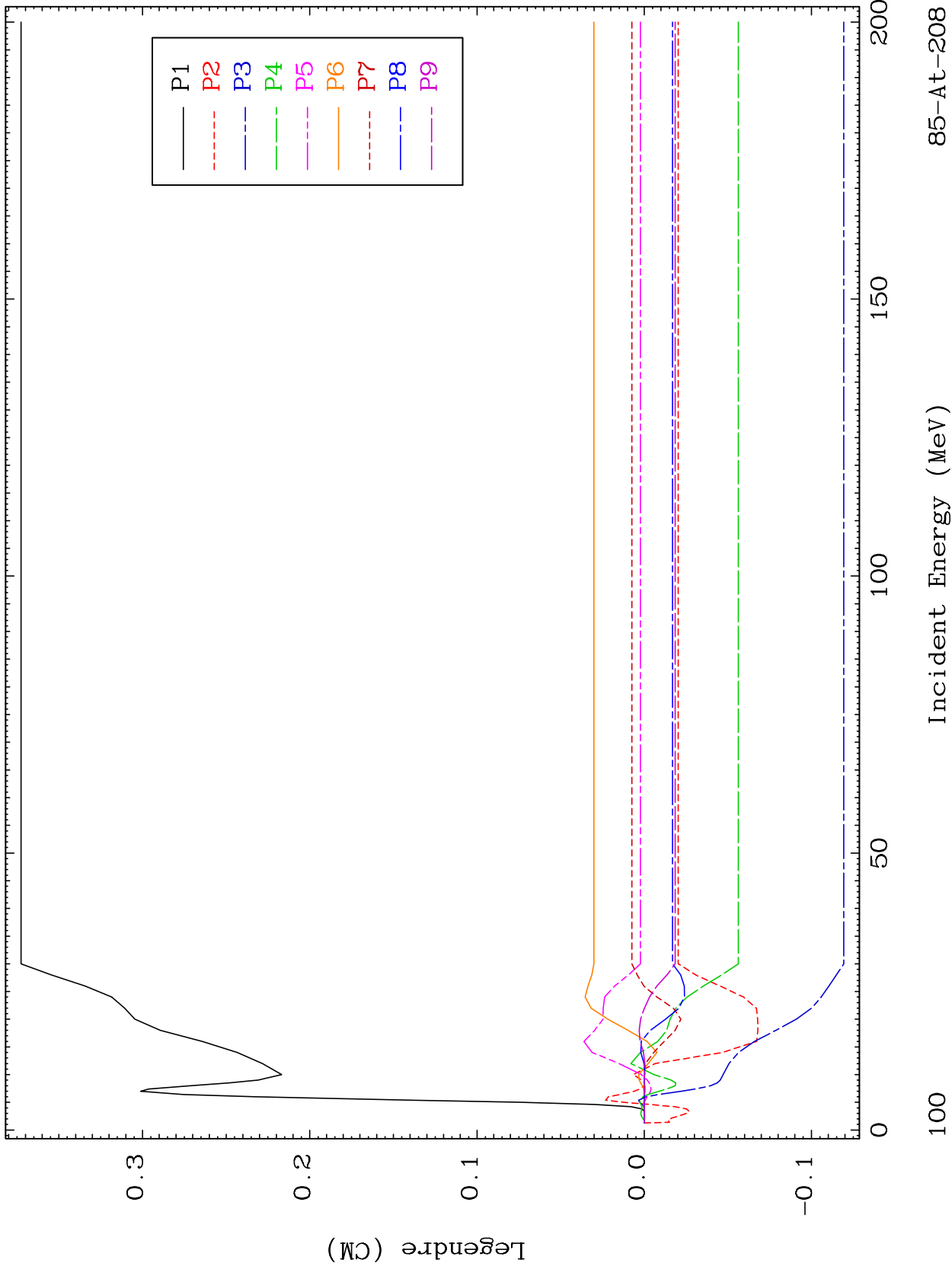
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



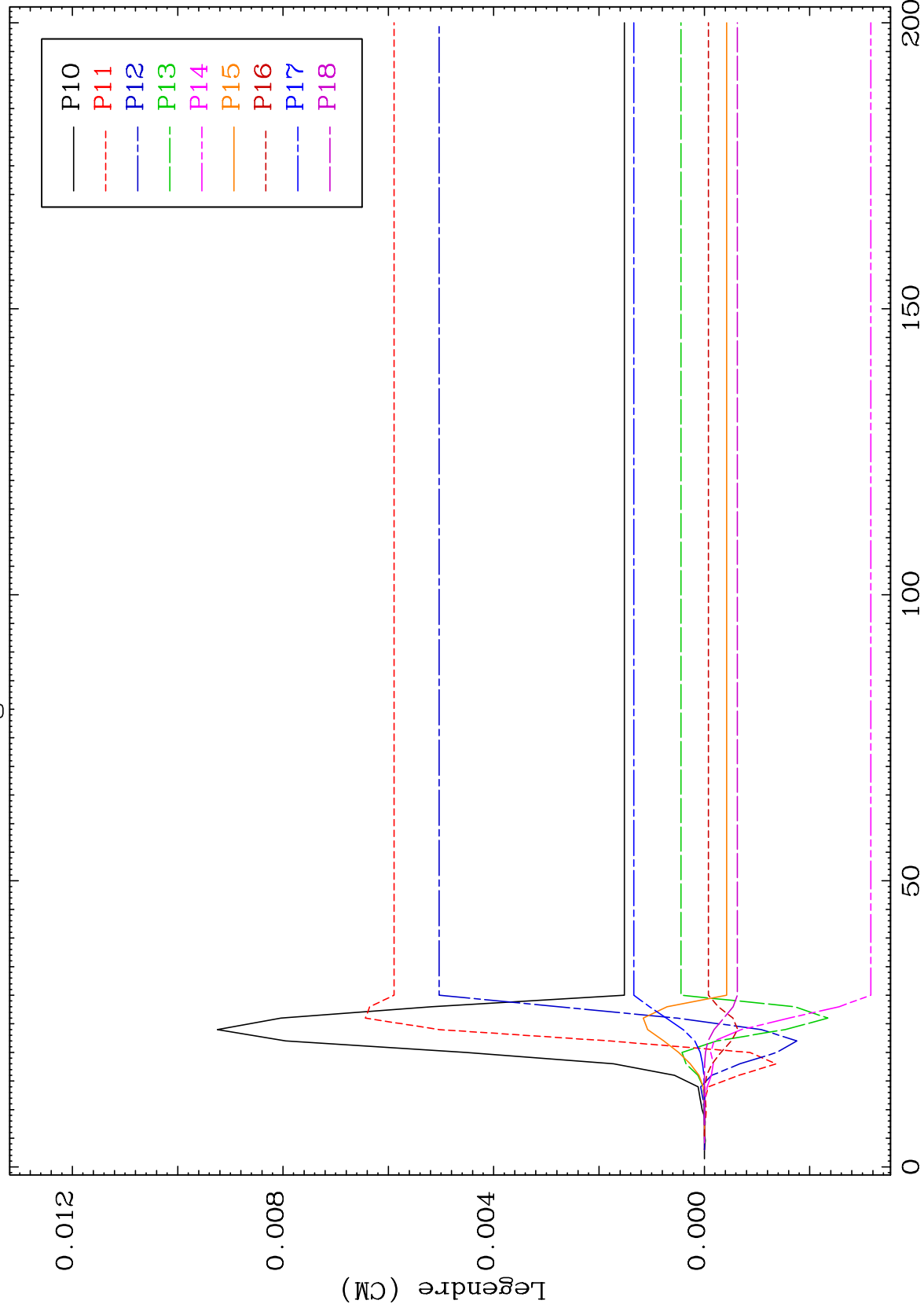
85-At-208

Incident Energy (MeV)

MAT 8540

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

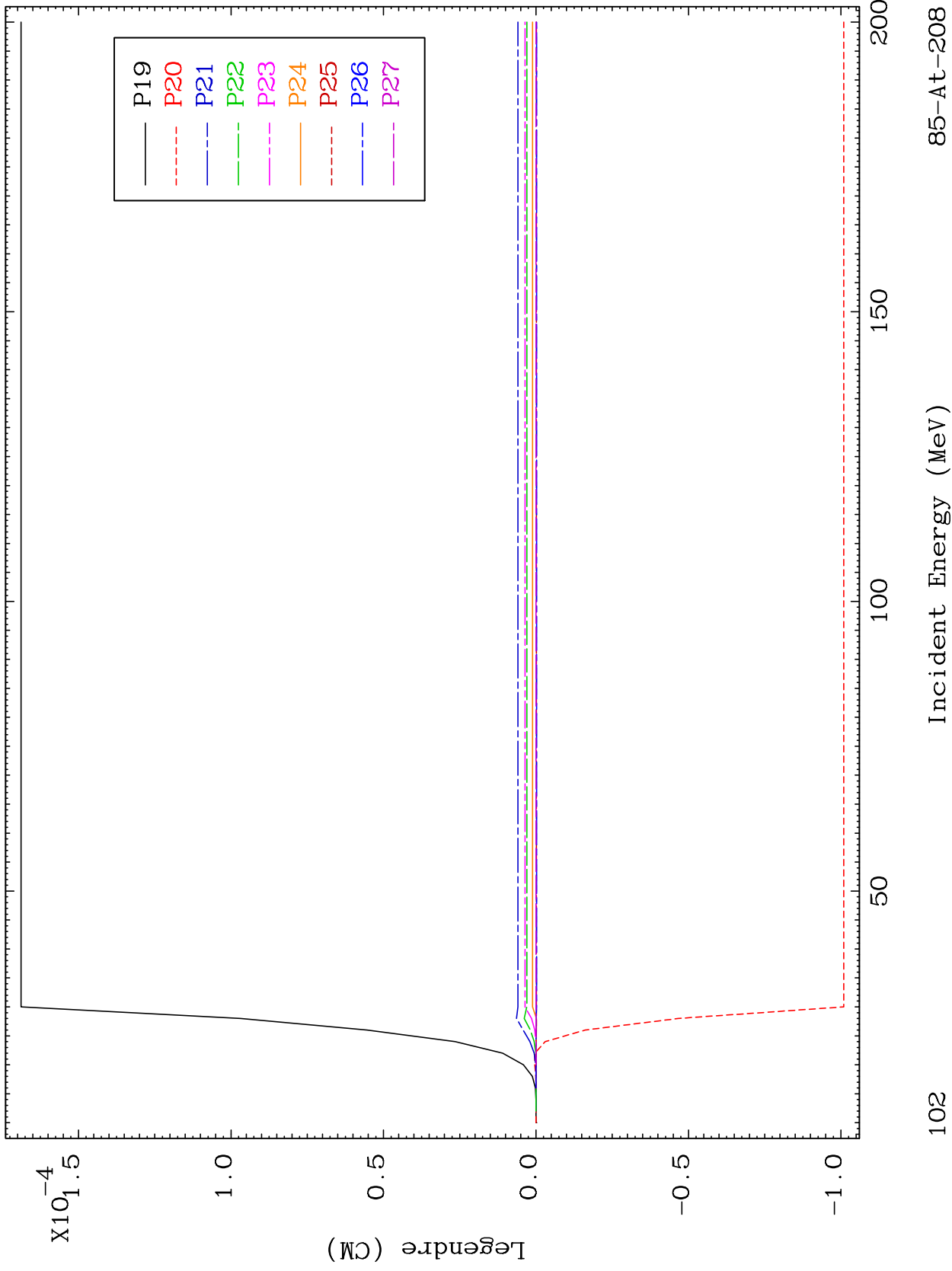
85-At-208

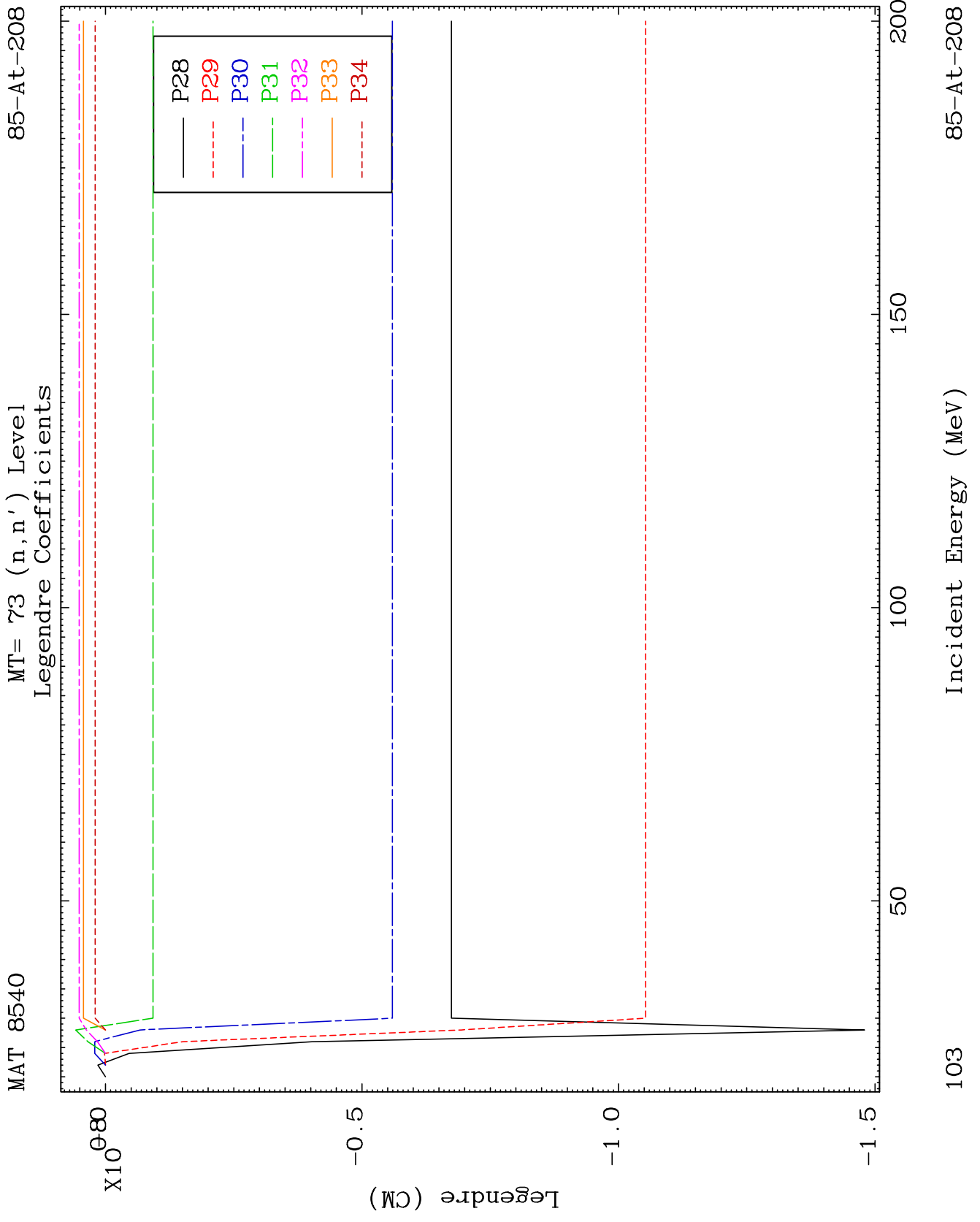


101

Incident Energy (MeV)

85-At-208





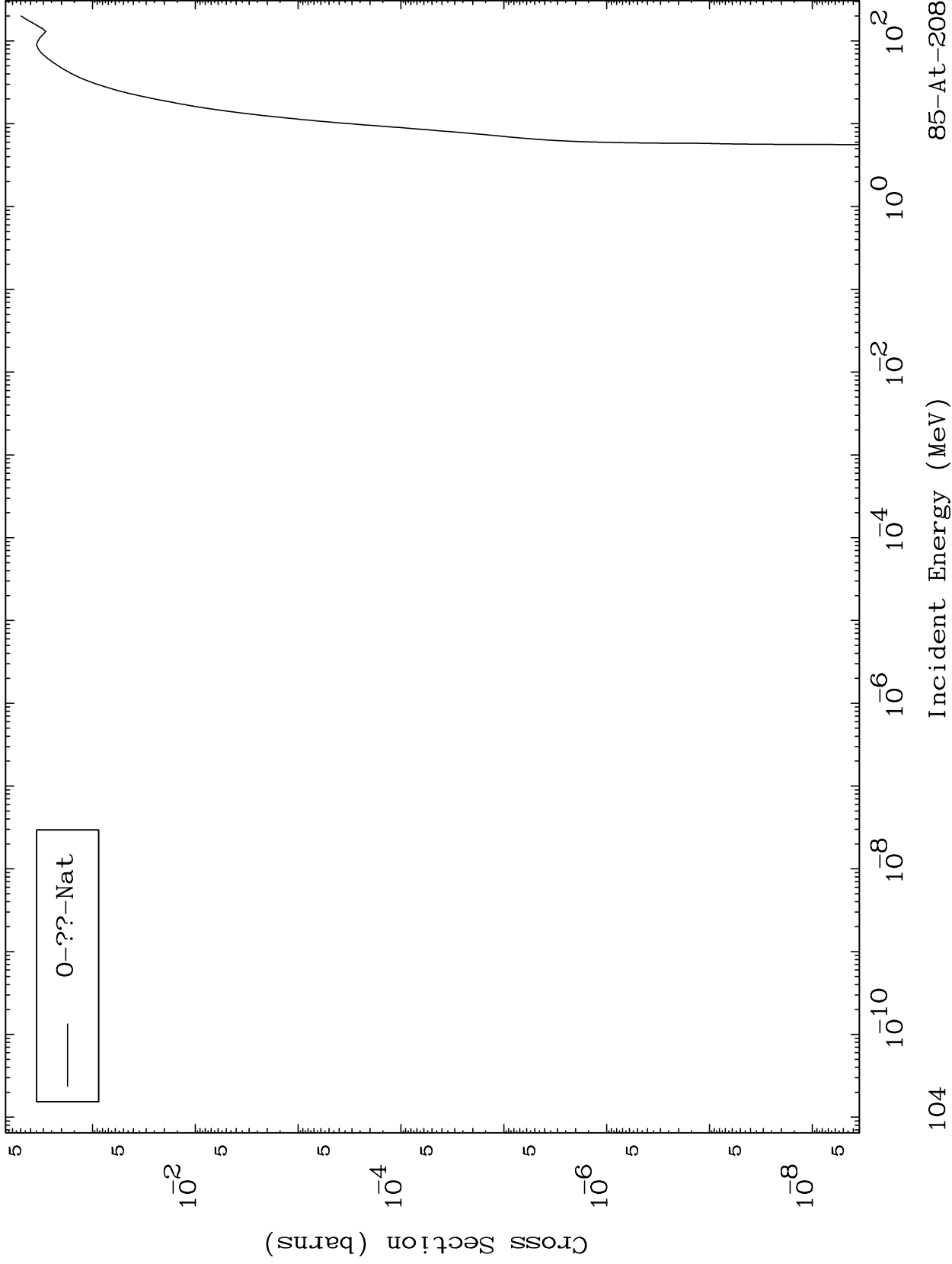


MAT 8540

Fission

85-At-208

Radionuclide Production Cross Section



104

Incident Energy (MeV)

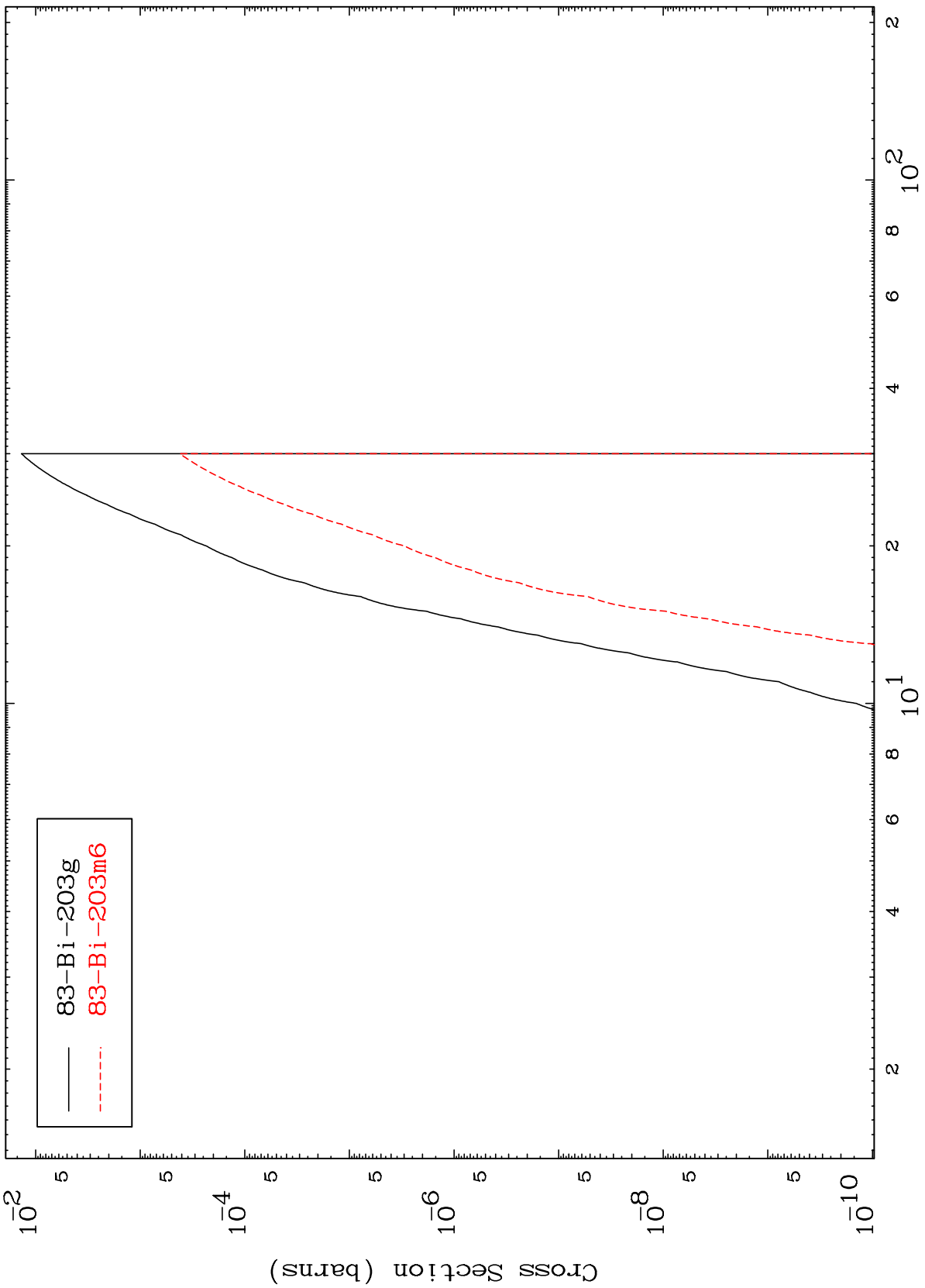
85-At-208

MAT 8540

(n,2n)  $\alpha$

85-At-208

Radionuclide Production Cross Section



105

Incident Energy (MeV)

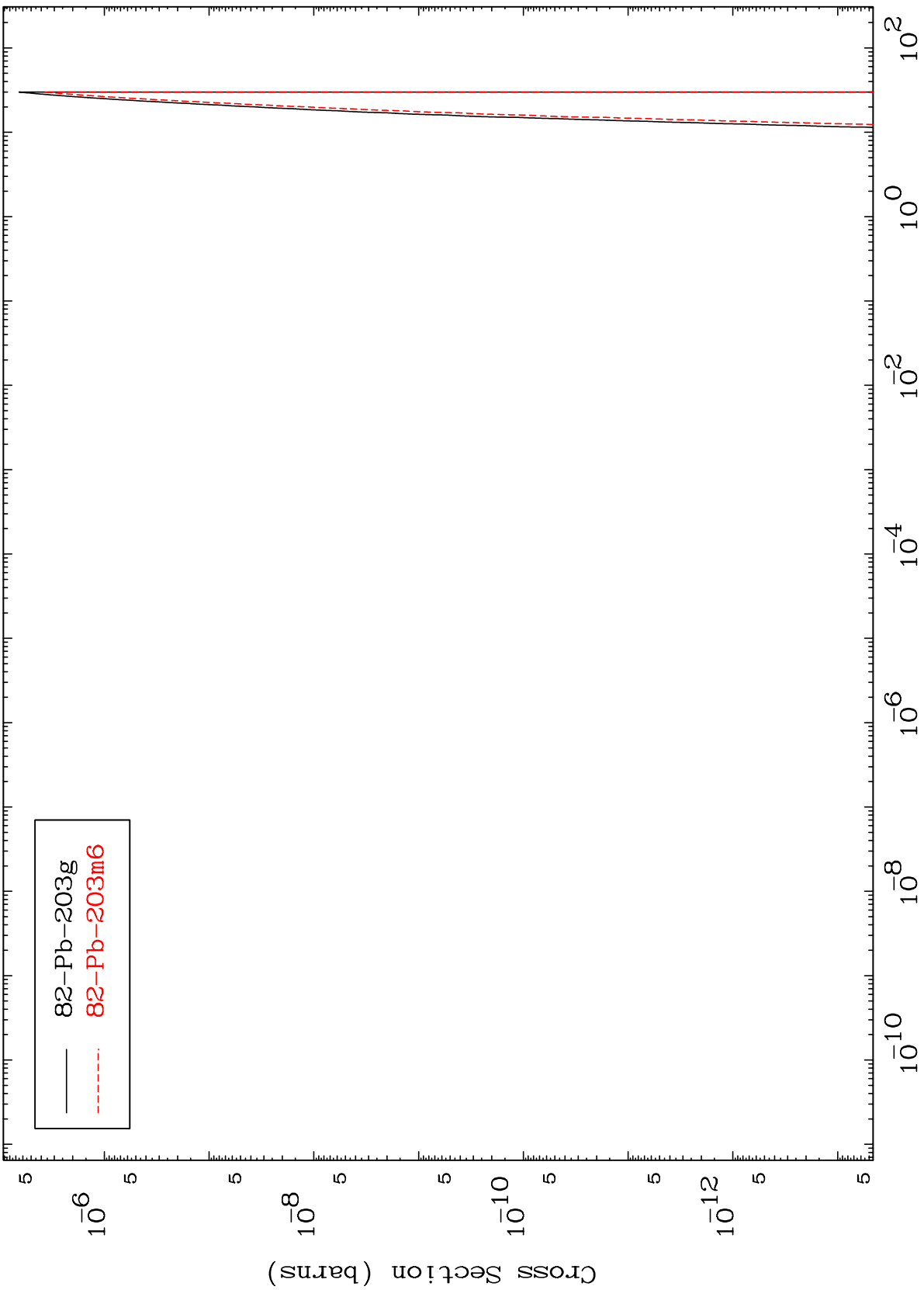
85-At-208

MAT 8540

(n,n') p  $\alpha$

85-At-208

Radionuclide Production Cross Section



106

Incident Energy (MeV)

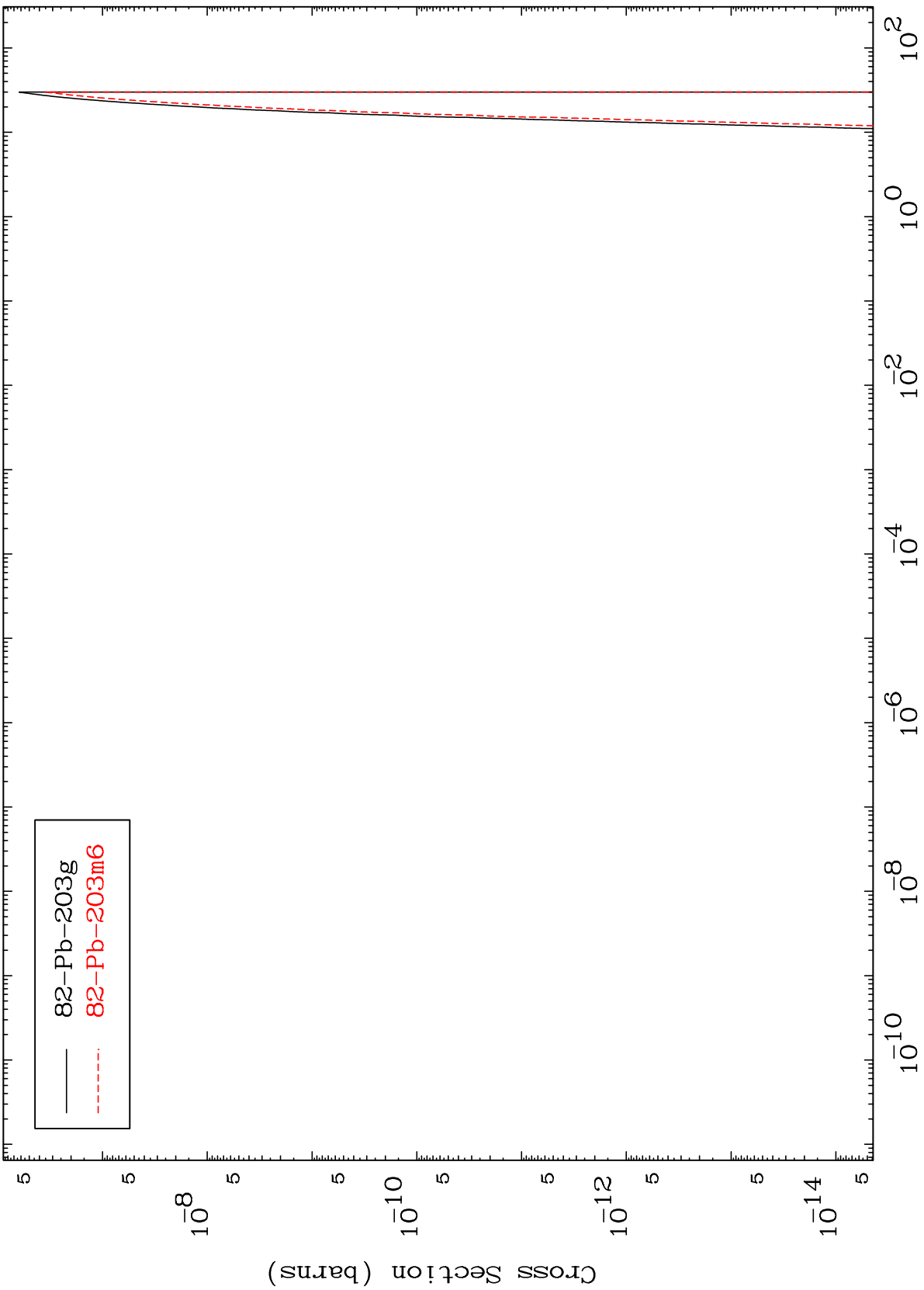
85-At-208

MAT 8540

(n,d)  $\alpha$

85-At-208

Radionuclide Production Cross Section



82-Pb-203g  
82-Pb-203m6

107

Incident Energy (MeV)

85-At-208