

Program EVALPLOT  
(Version 2017-1)

by

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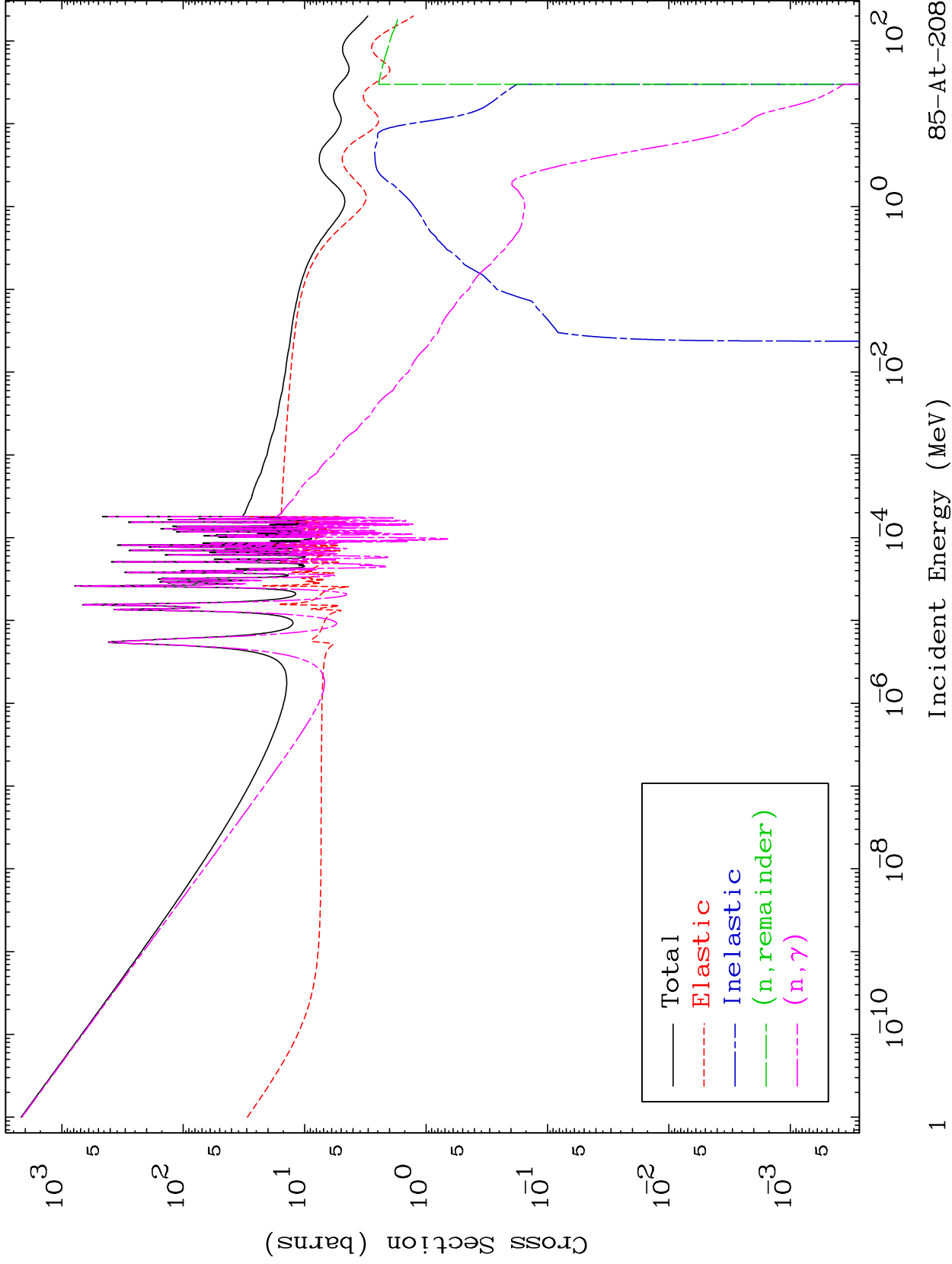
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8540

Major  
293 Kelvin Cross Sections

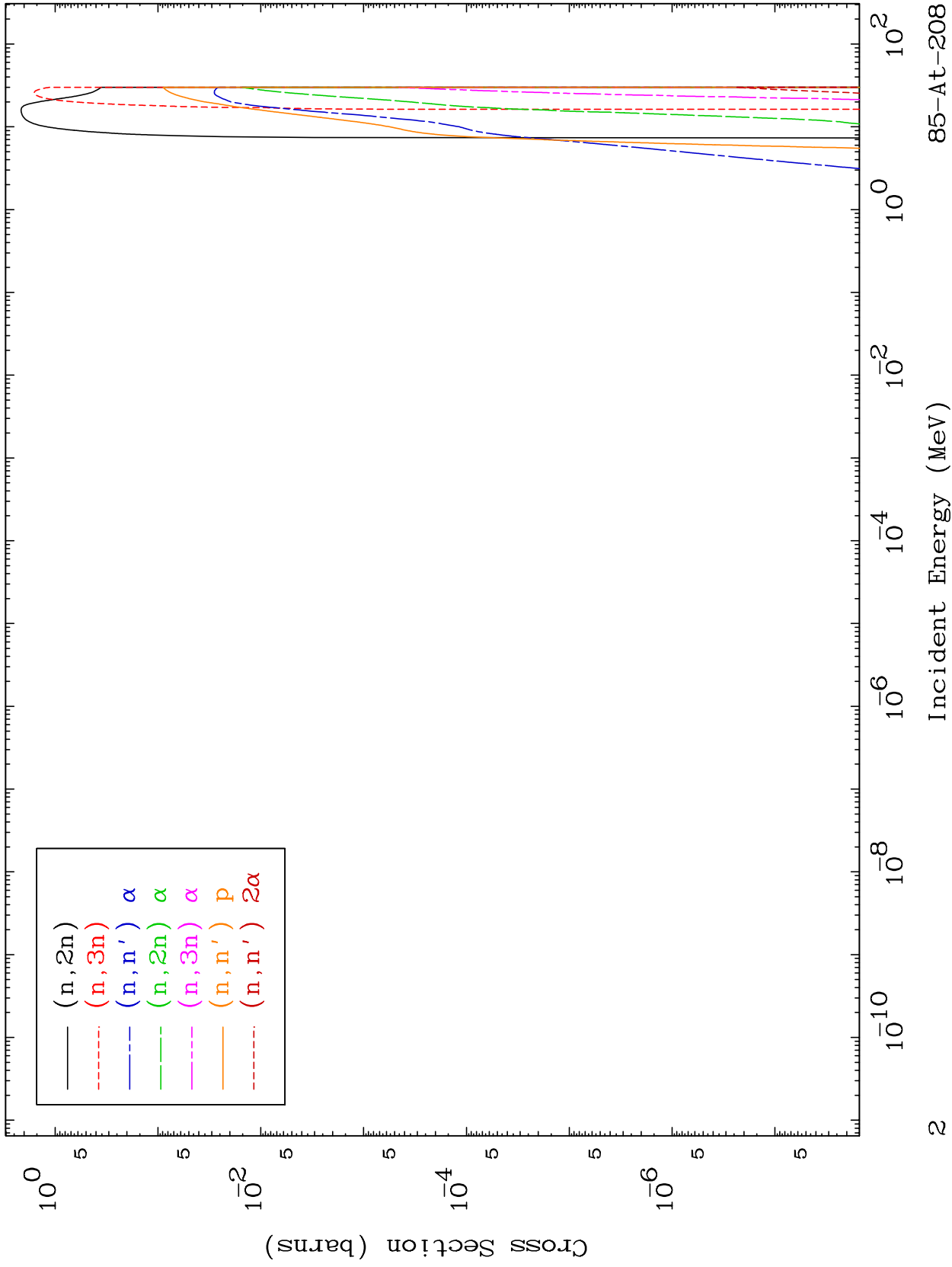
85-At-208

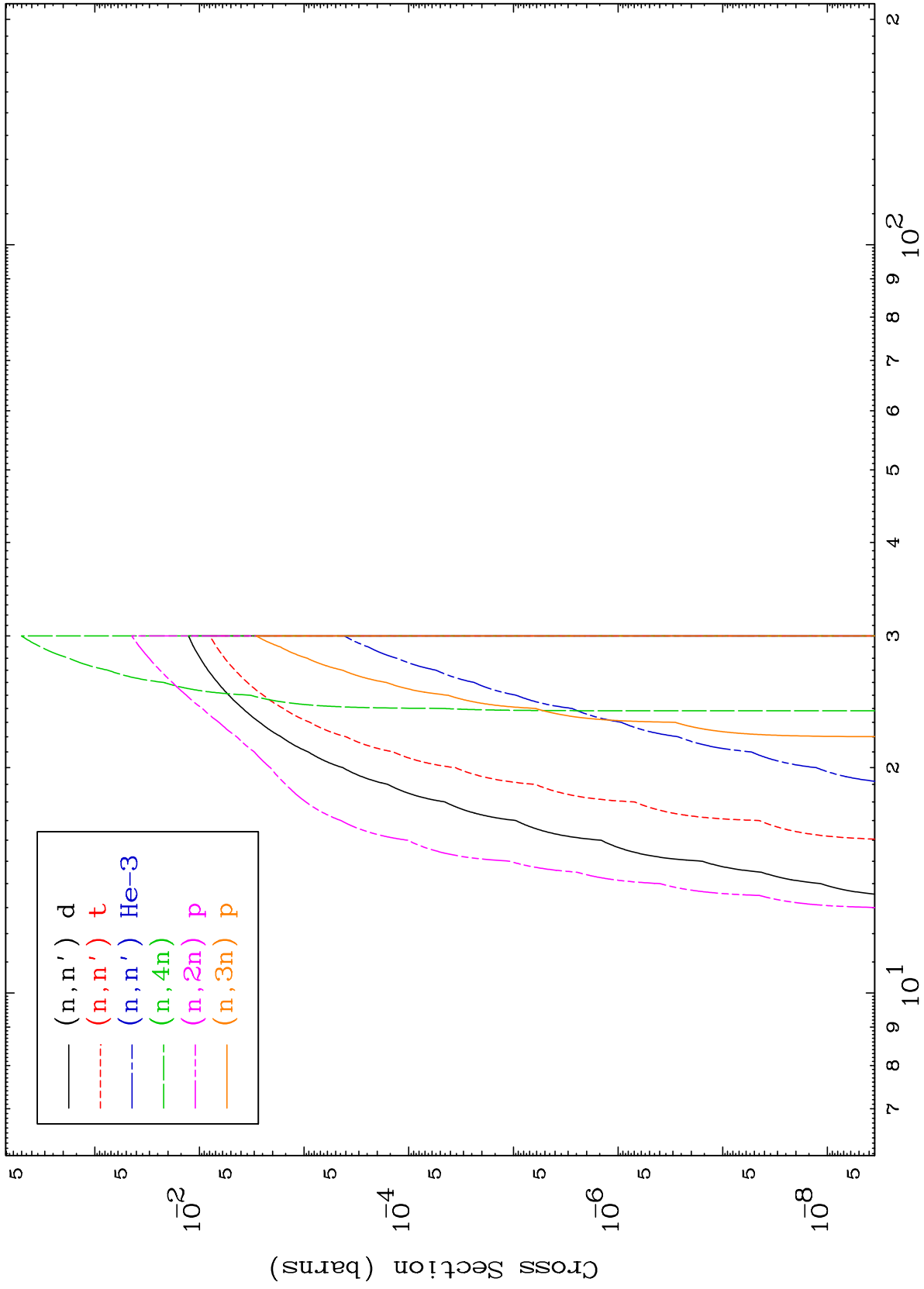


MAT 8540

Neutron Production  
293 Kelvin Cross Sections

85-At-208

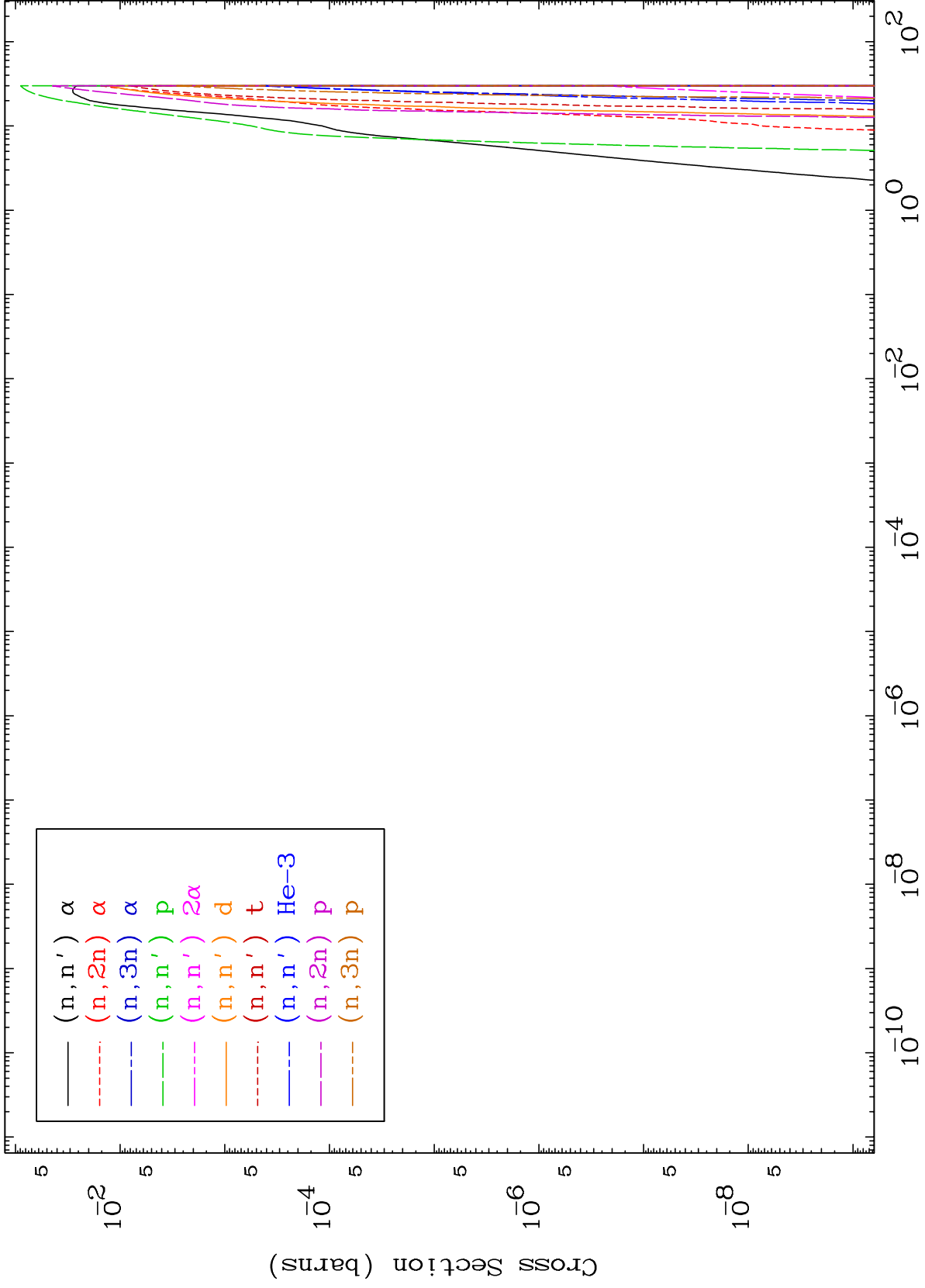


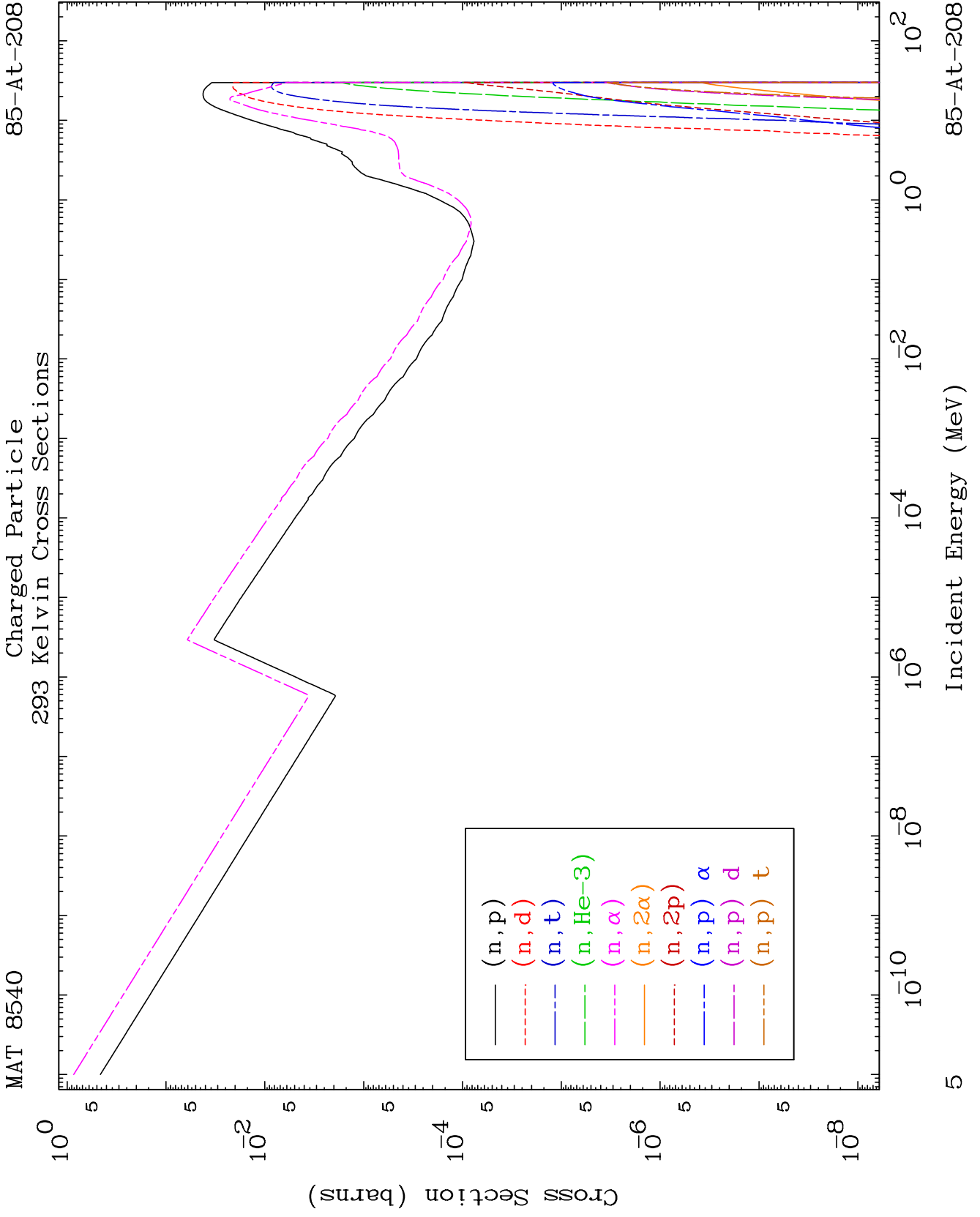


MAT 8540

Charged Particle  
293 Kelvin Cross Sections

85-At-208

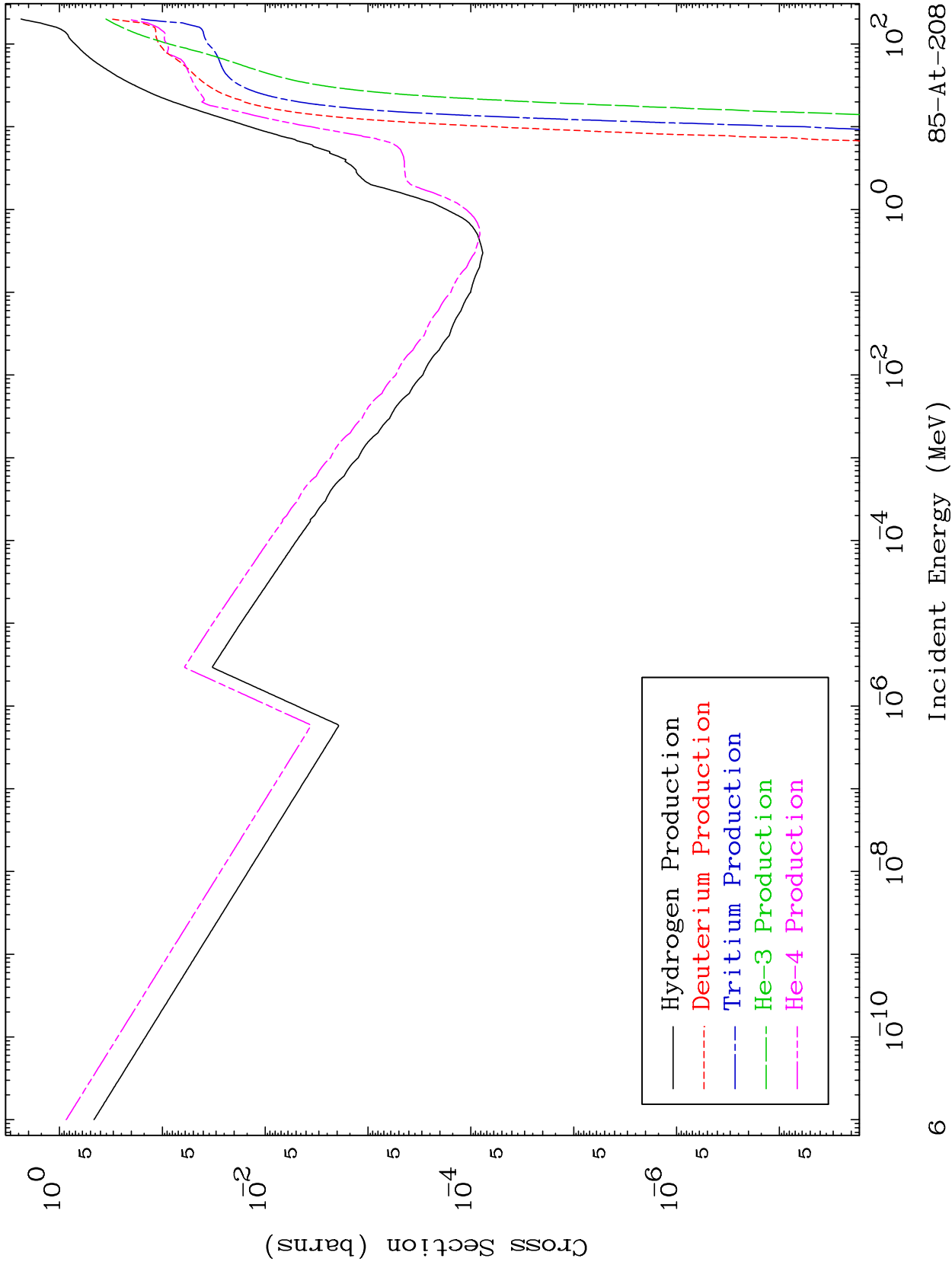




MAT 8540

Particle Production  
293 Kelvin Cross Sections

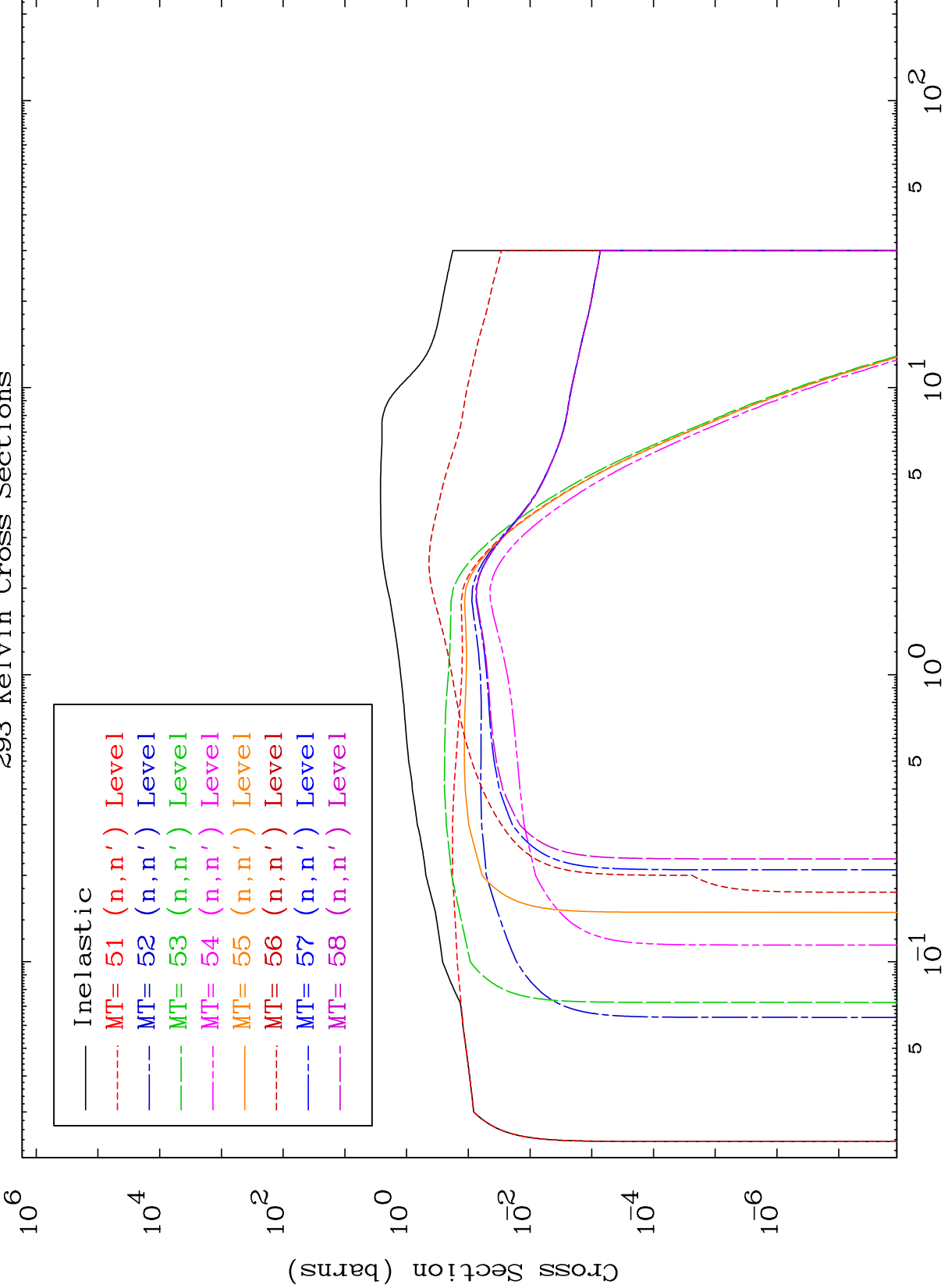
85-At-208



MAT 8540

(n,n') Level  
293 Kelvin Cross Sections

85-At-208



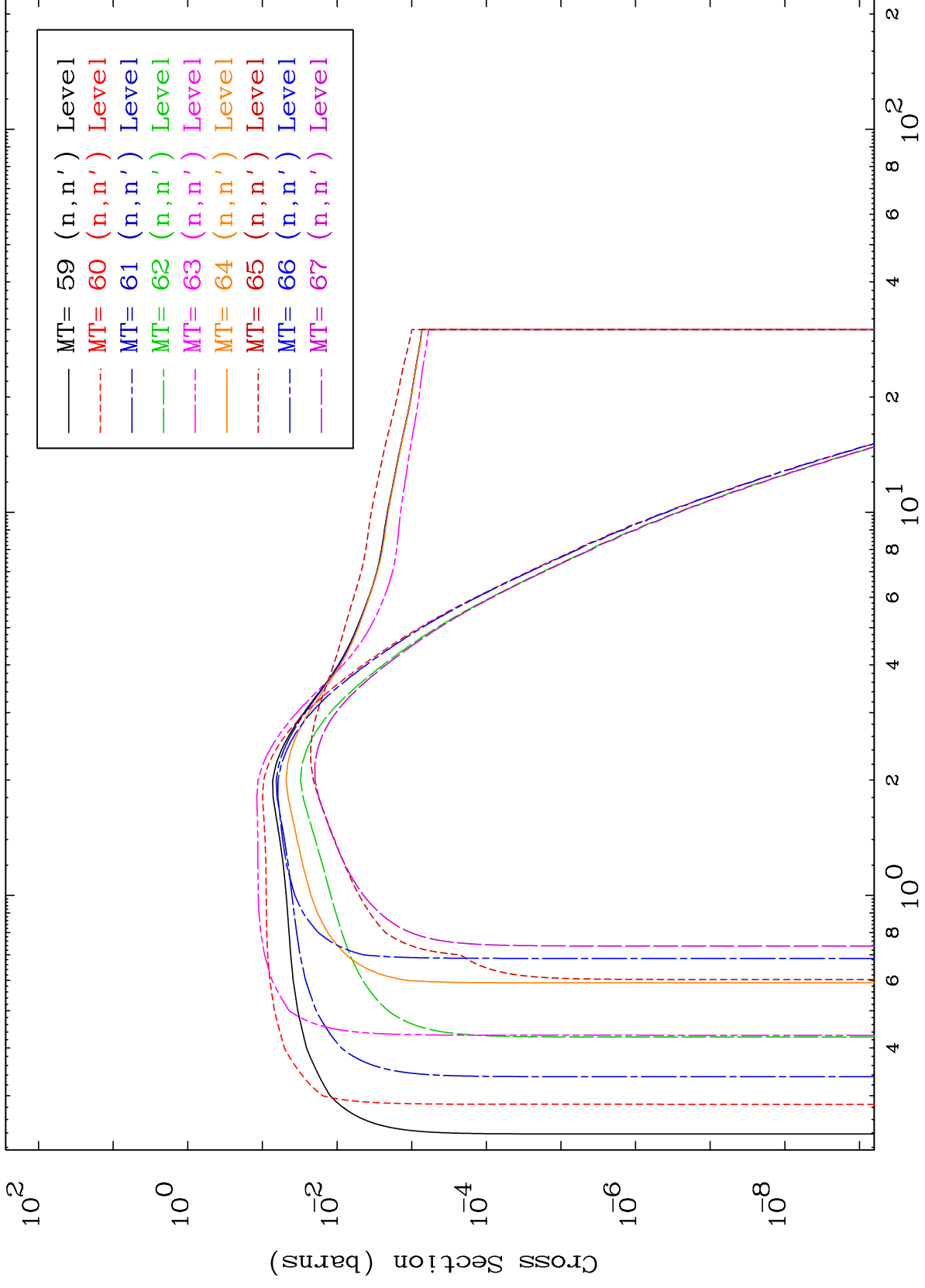


MAT 8540

(n,n') Level

85-At-208

293 Kelvin Cross Sections



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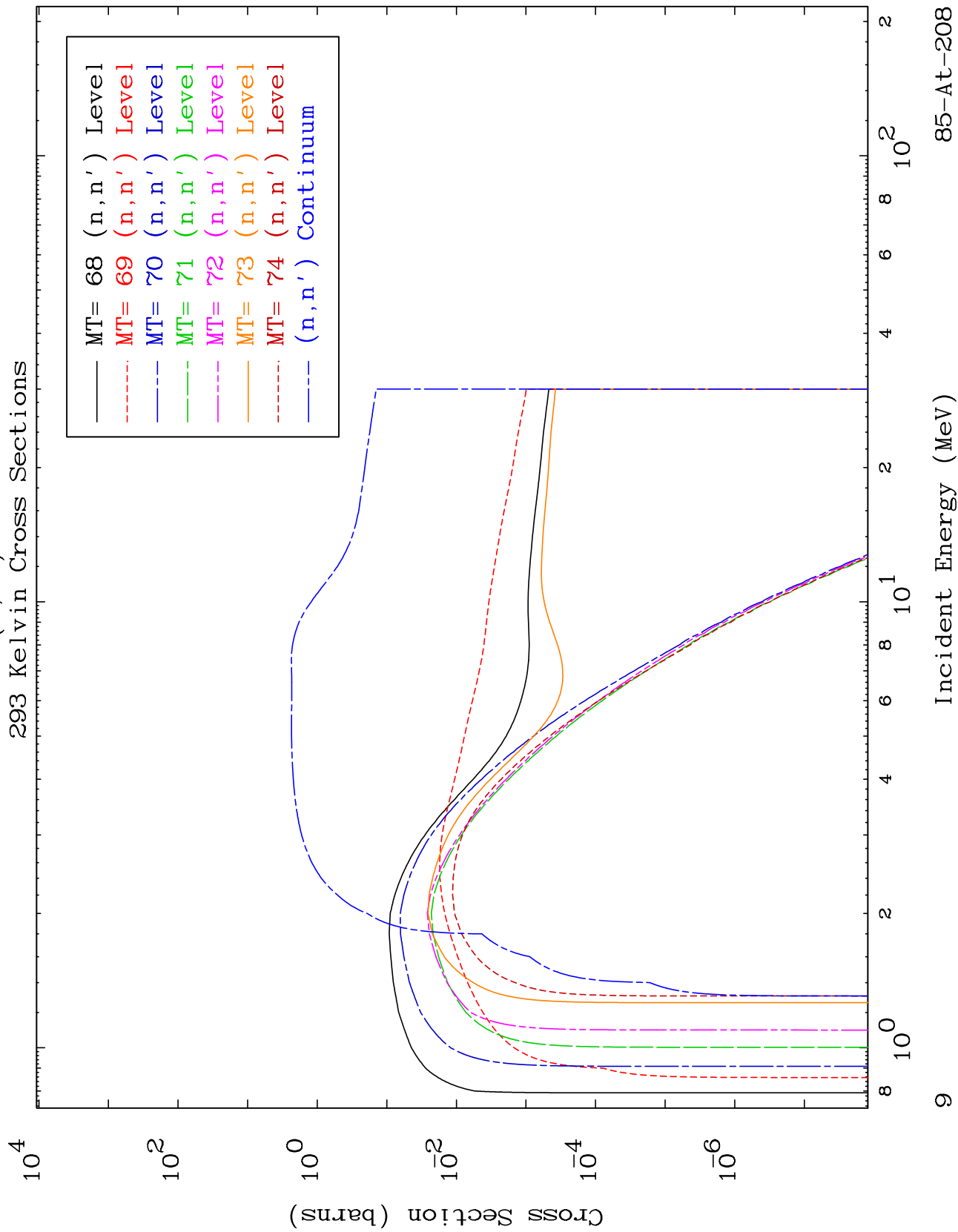
Incident Energy (MeV)

85-At-208

MAT 8540

(n,n') Level

85-At-208

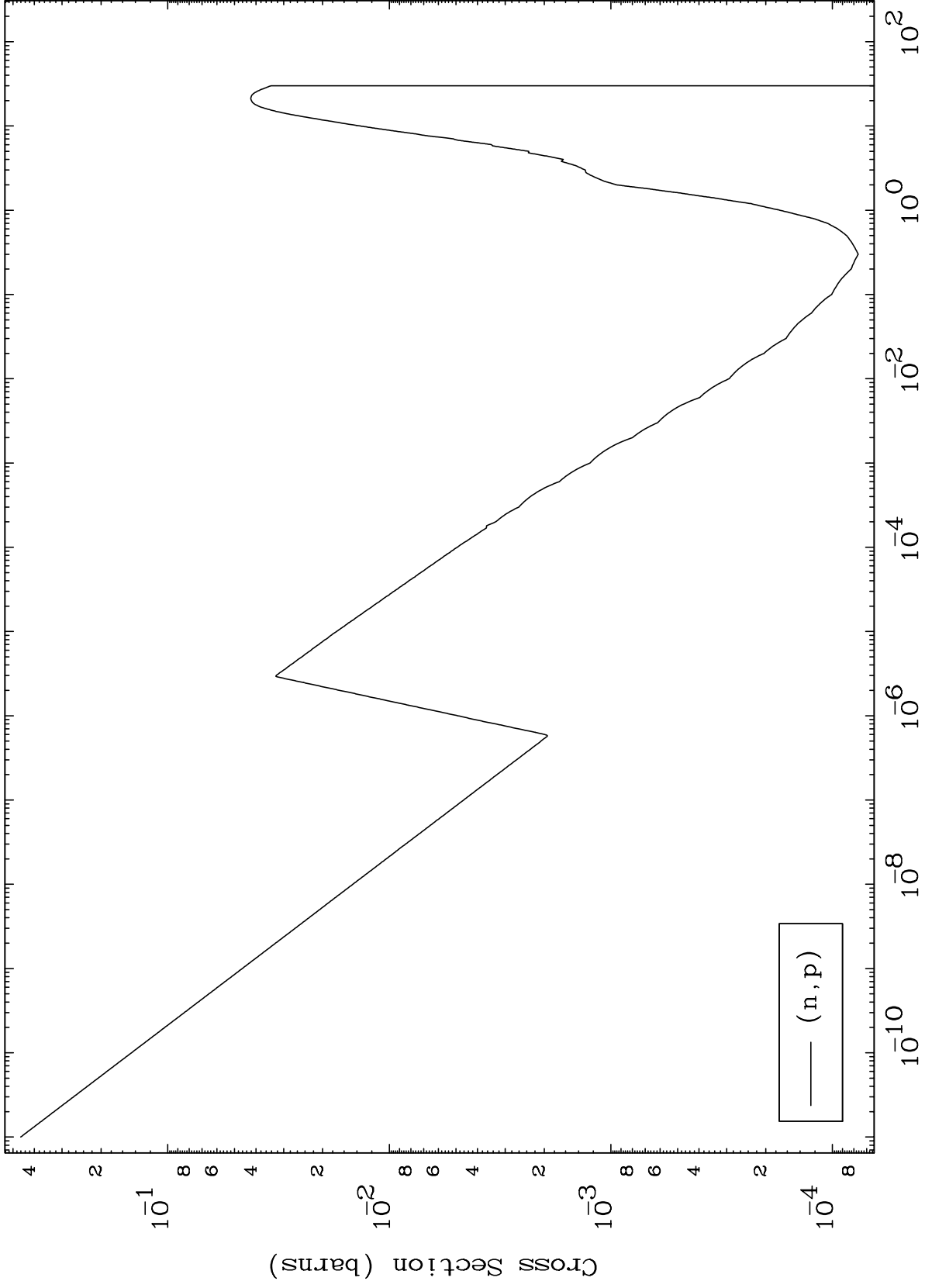


9

MAT 8540

(n,p) Levels  
293 Kelvin Cross Sections

85-At-208



10

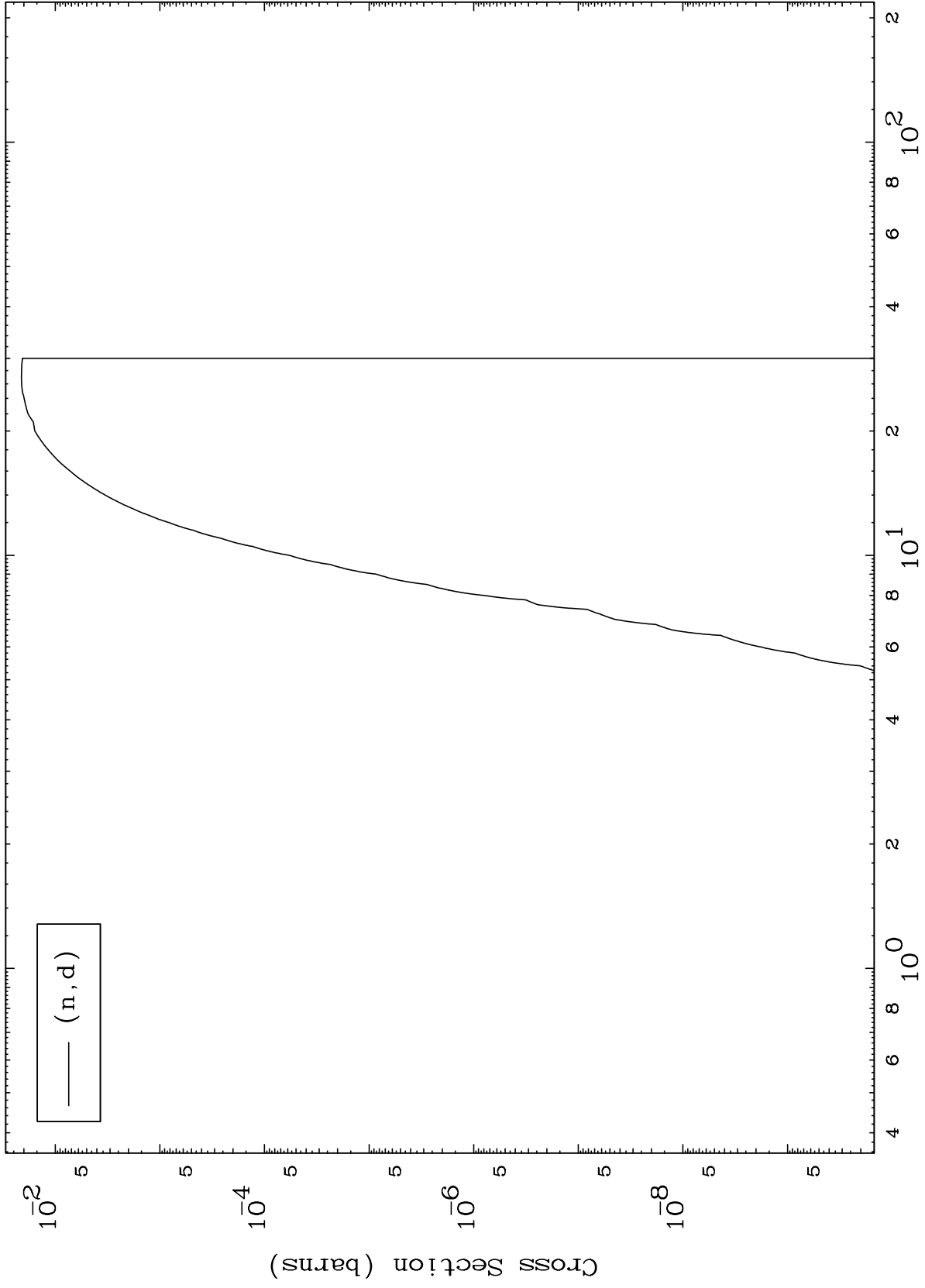
Incident Energy (MeV)

85-At-208

MAT 8540

(n,d) Levels  
293 Kelvin Cross Sections

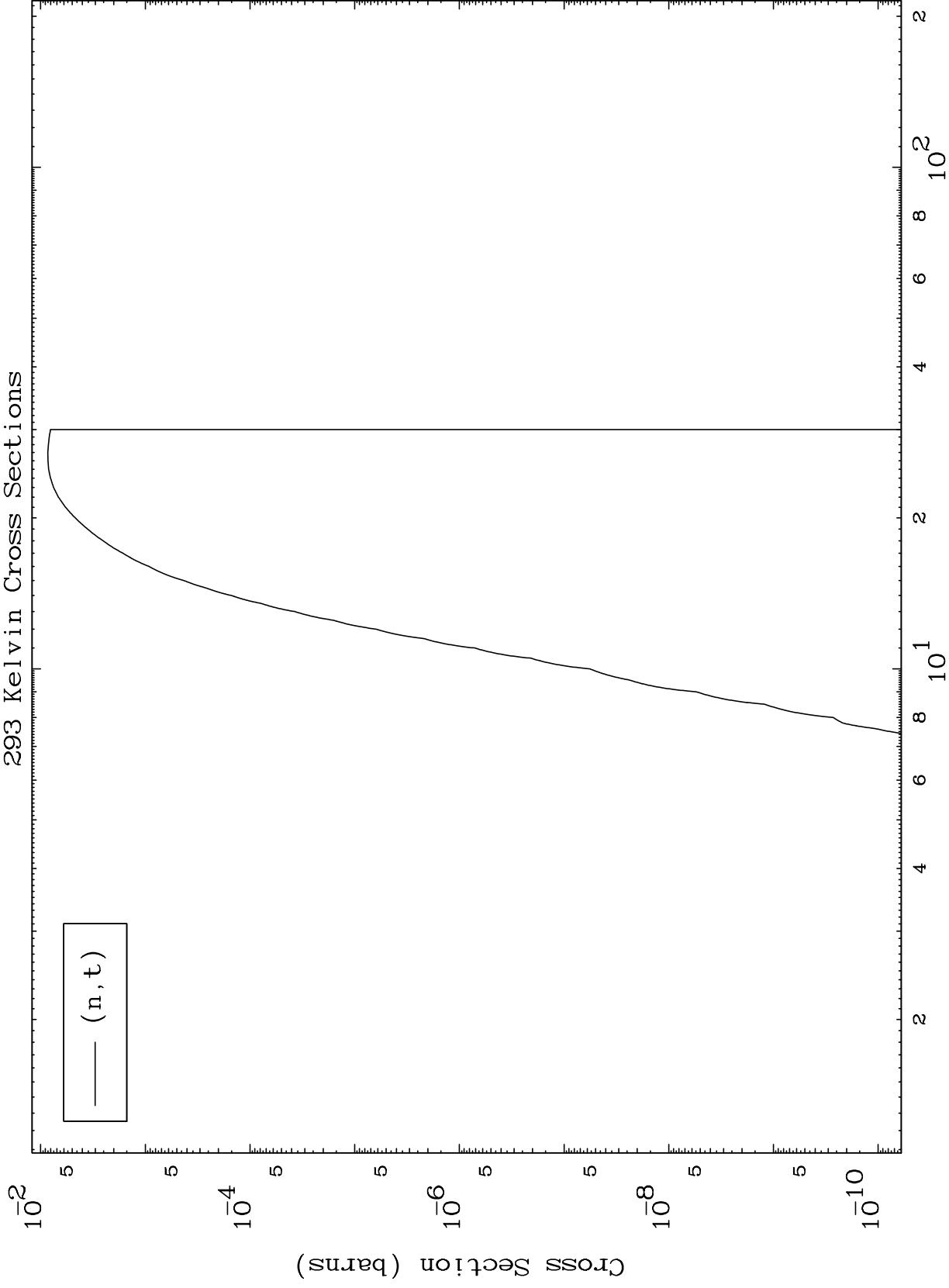
85-At-208



MAT 8540

(n,t) Levels  
293 Kelvin Cross Sections

85-At-208



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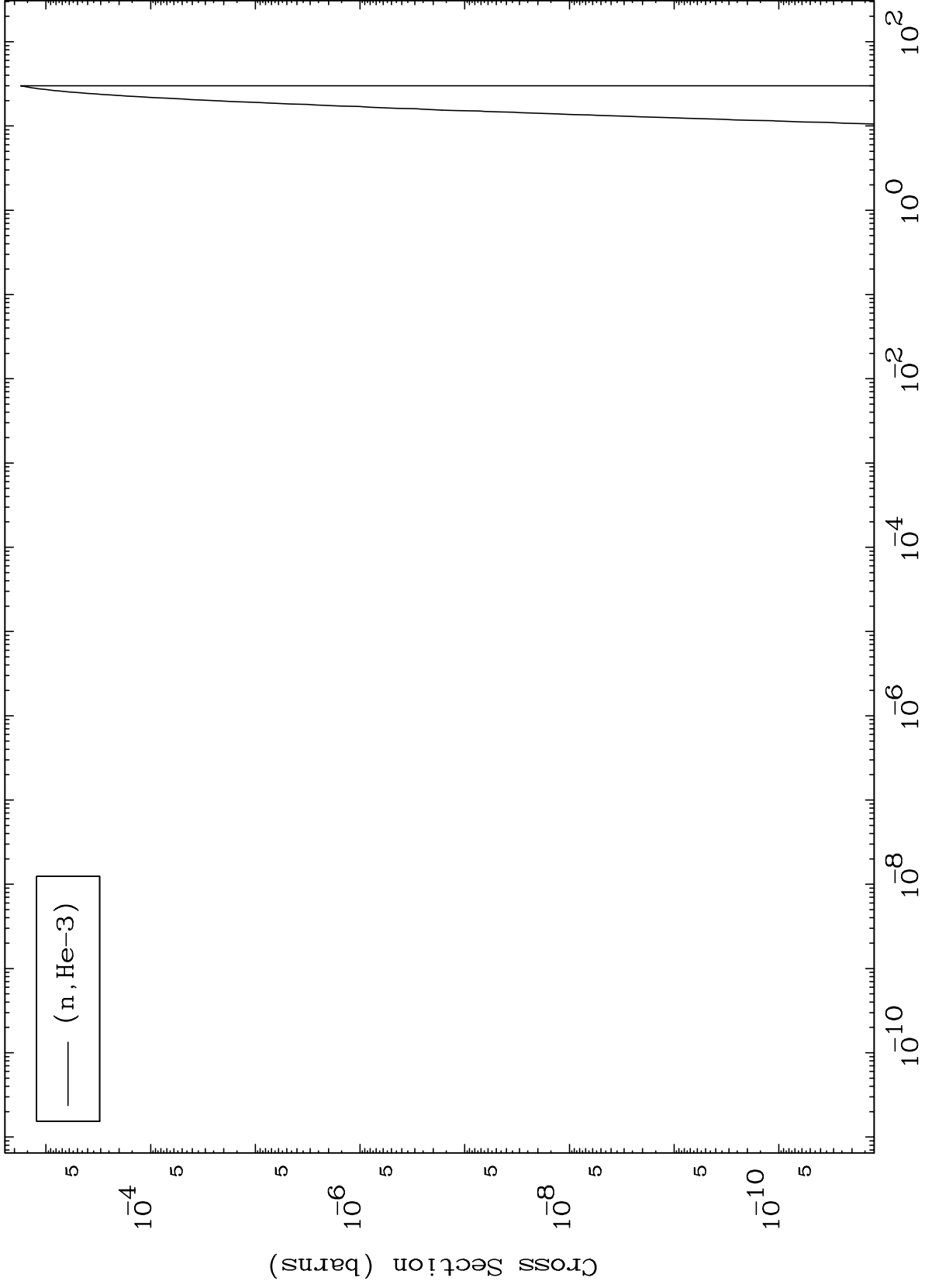
Incident Energy (MeV)

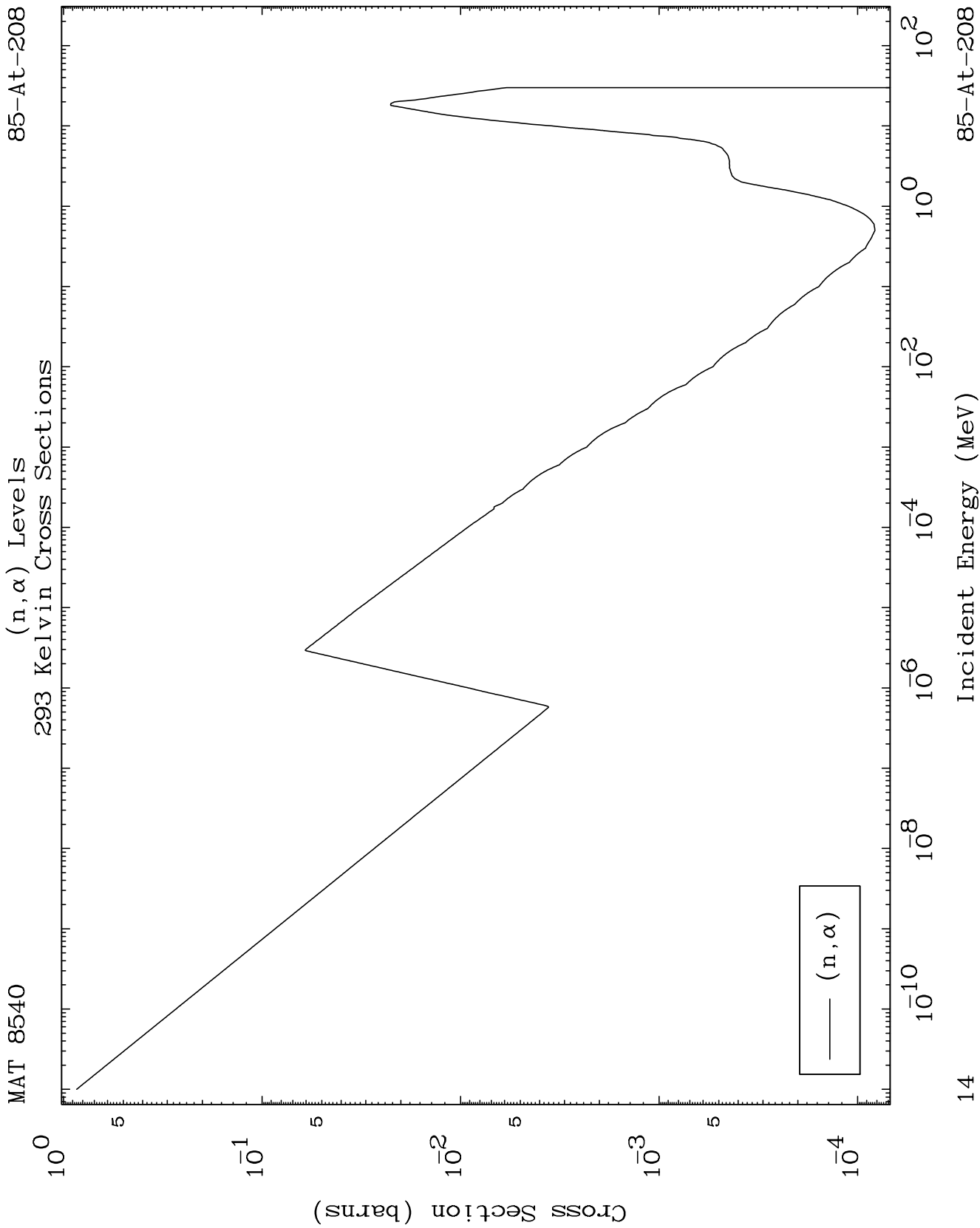
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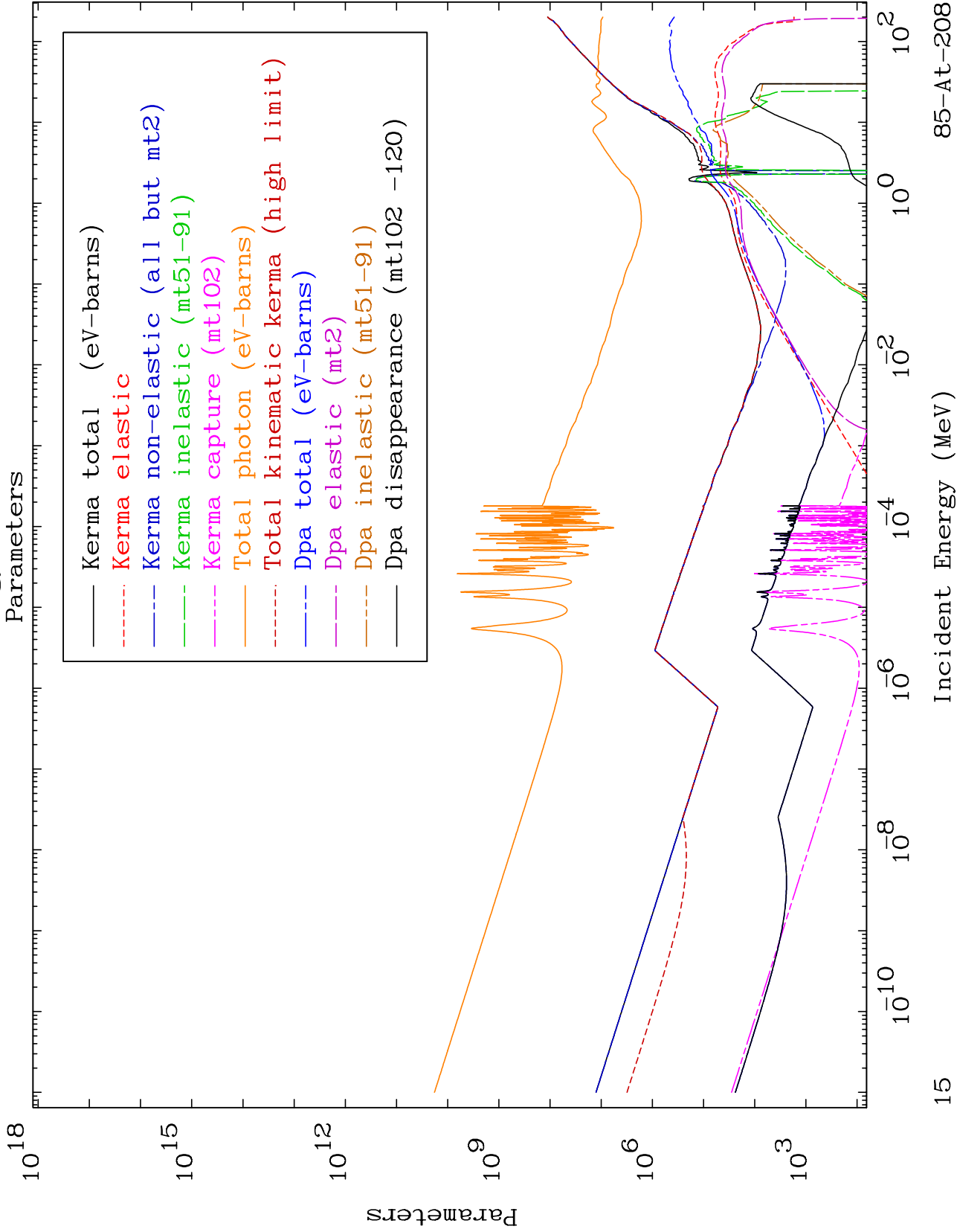
MAT 8540

(n,He3) Levels  
293 Kelvin Cross Sections

85-At-208





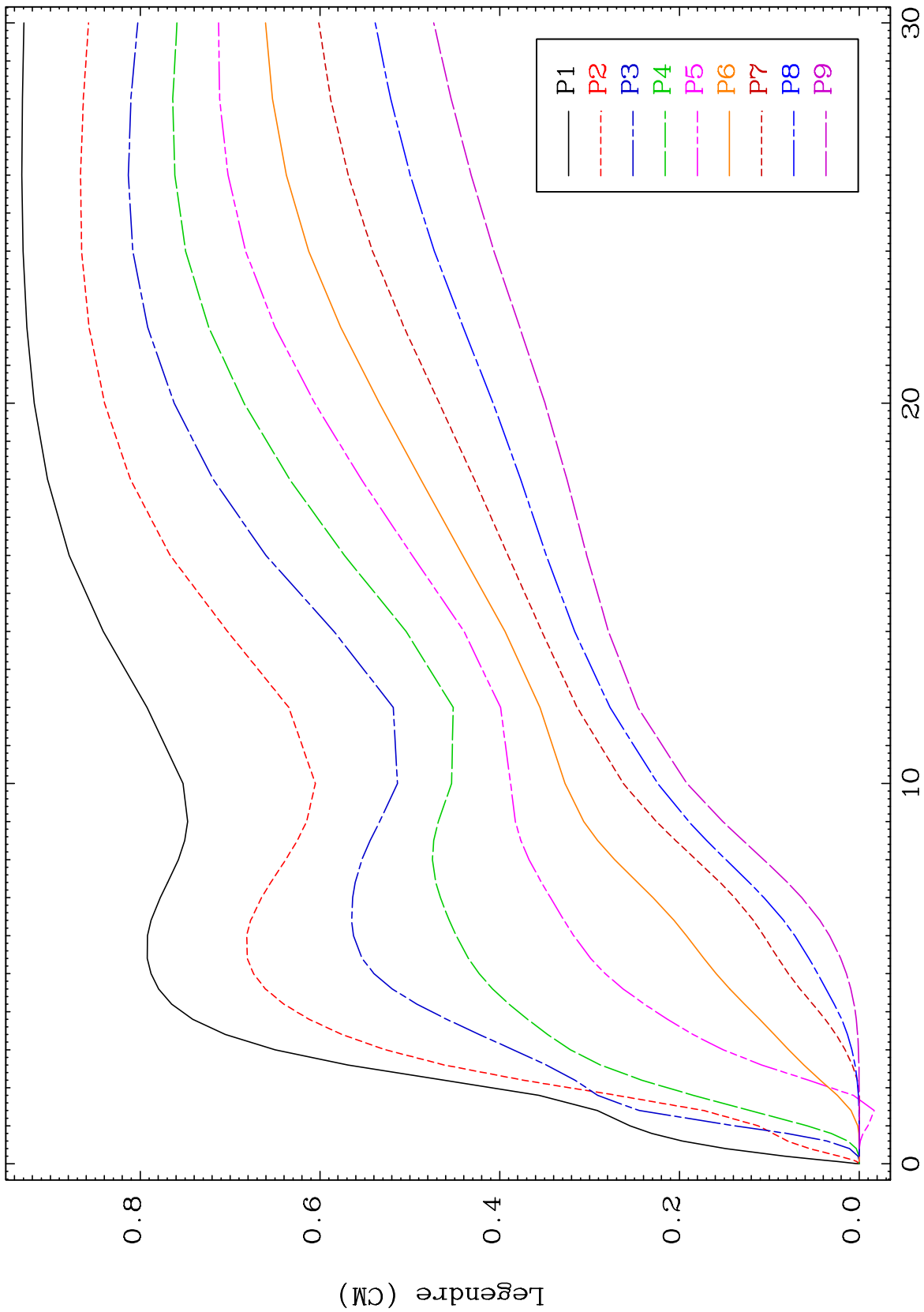




MAT 8540

85-At-208

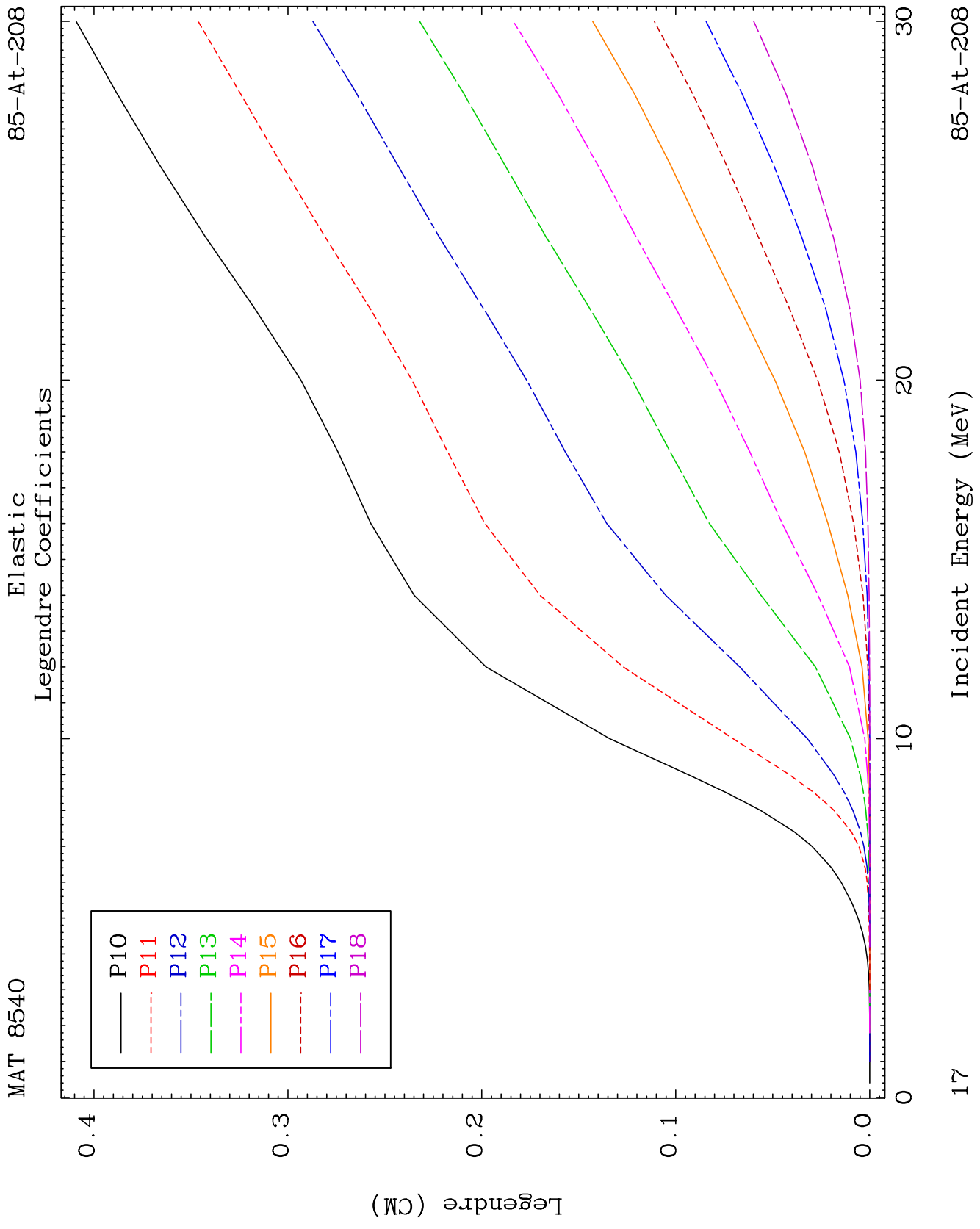
Elastic Legendre Coefficients



16

Incident Energy (MeV)

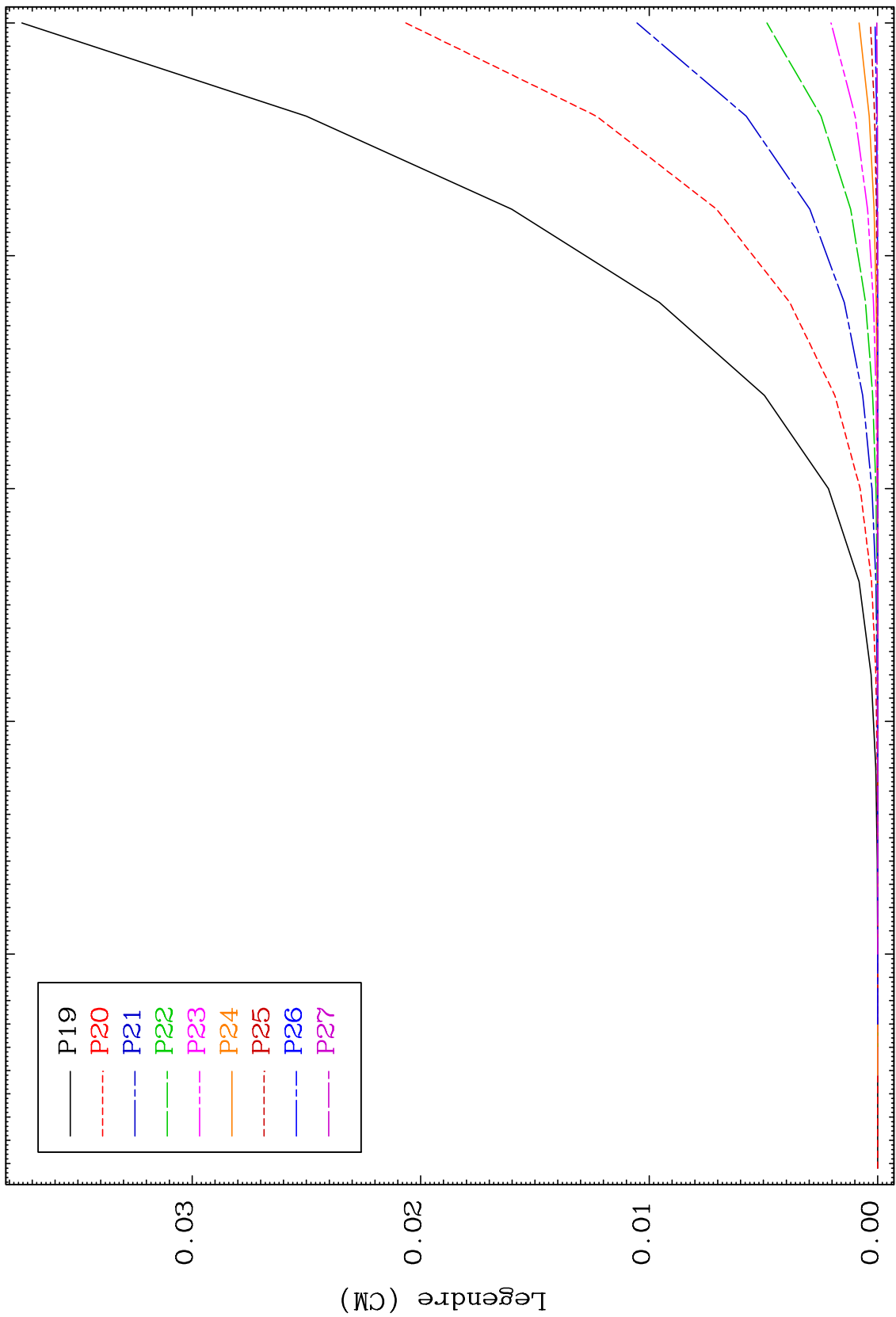
85-At-208



MAT 8540

Elastic Legendre Coefficients

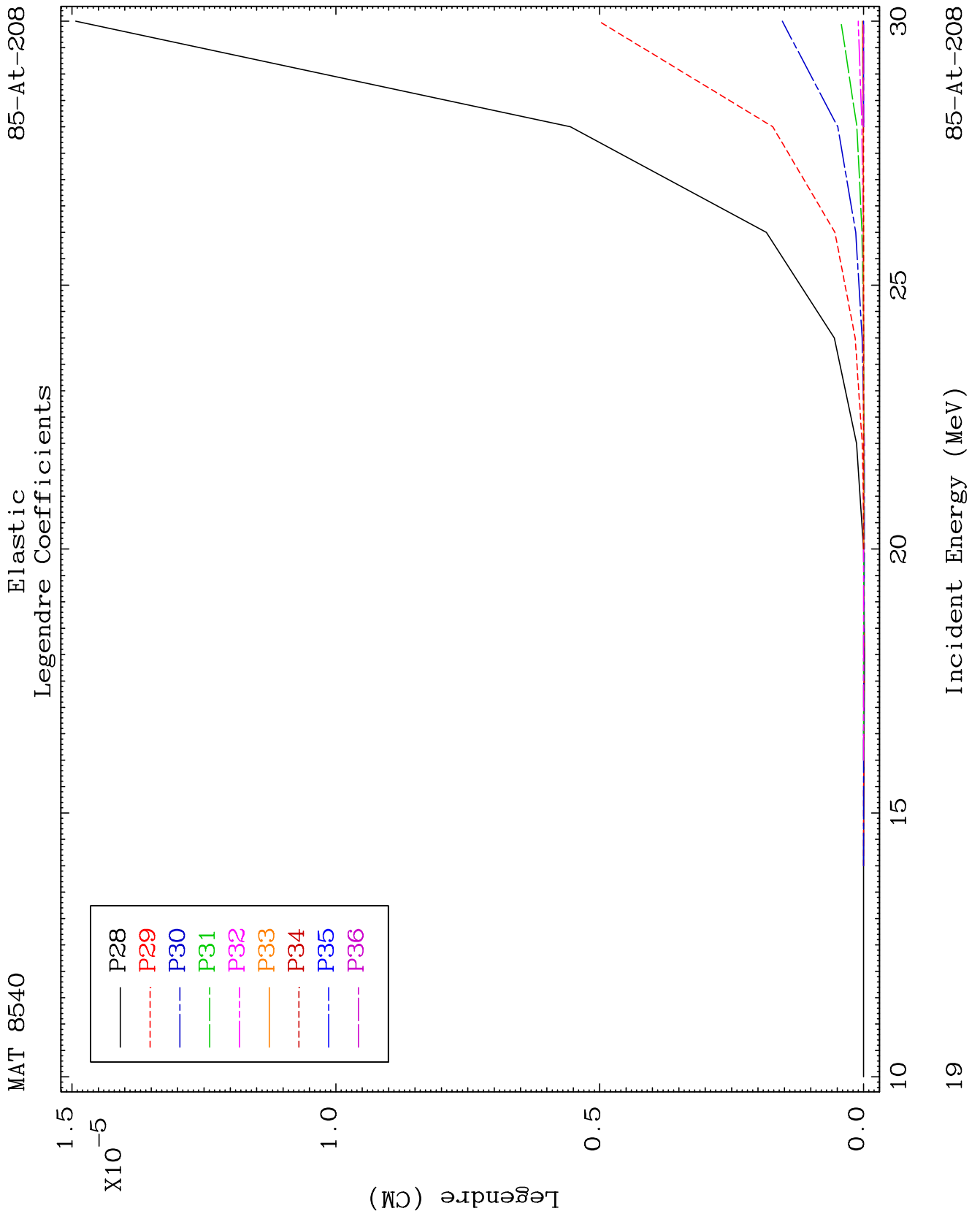
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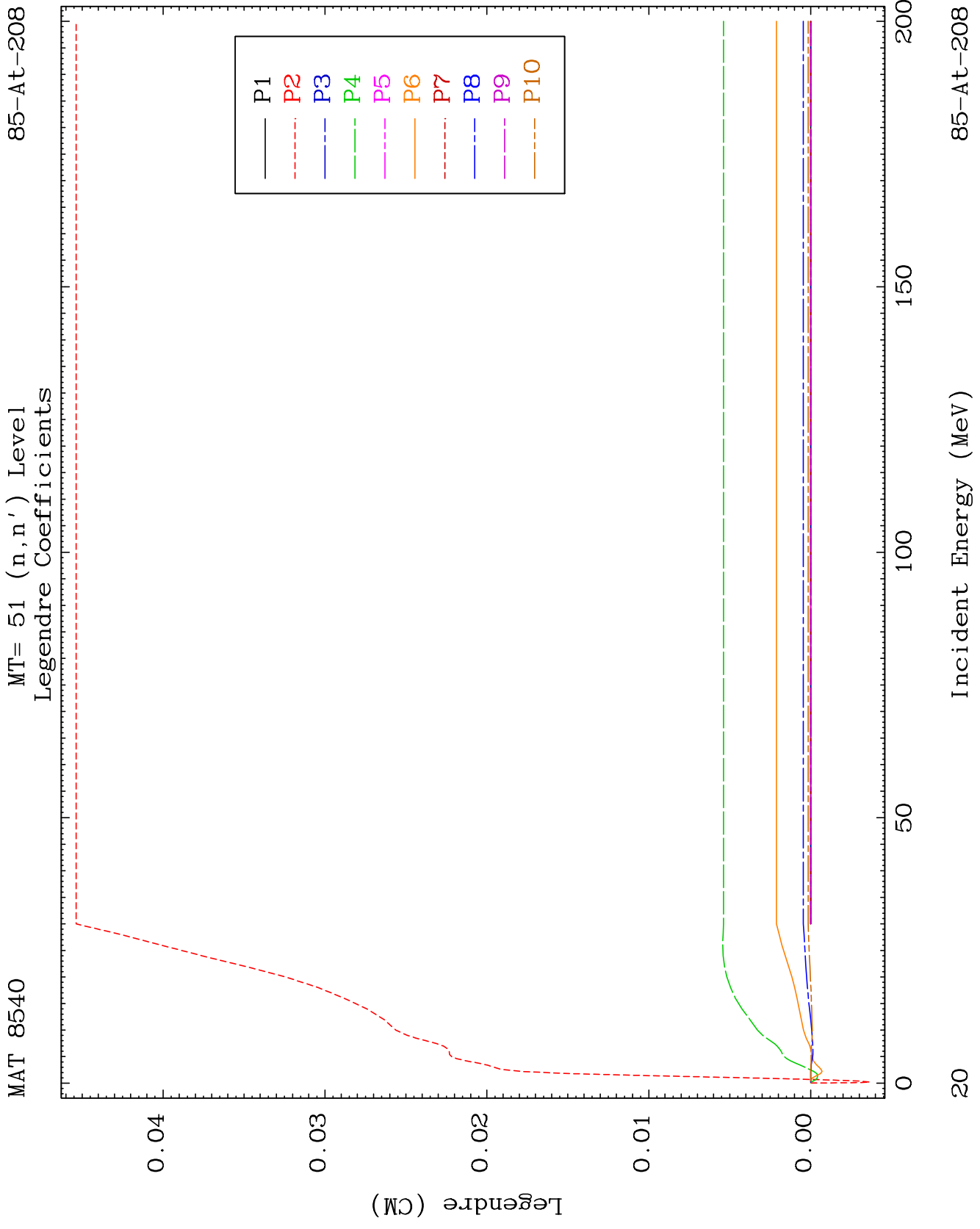


18

Incident Energy (MeV)

85-At-208

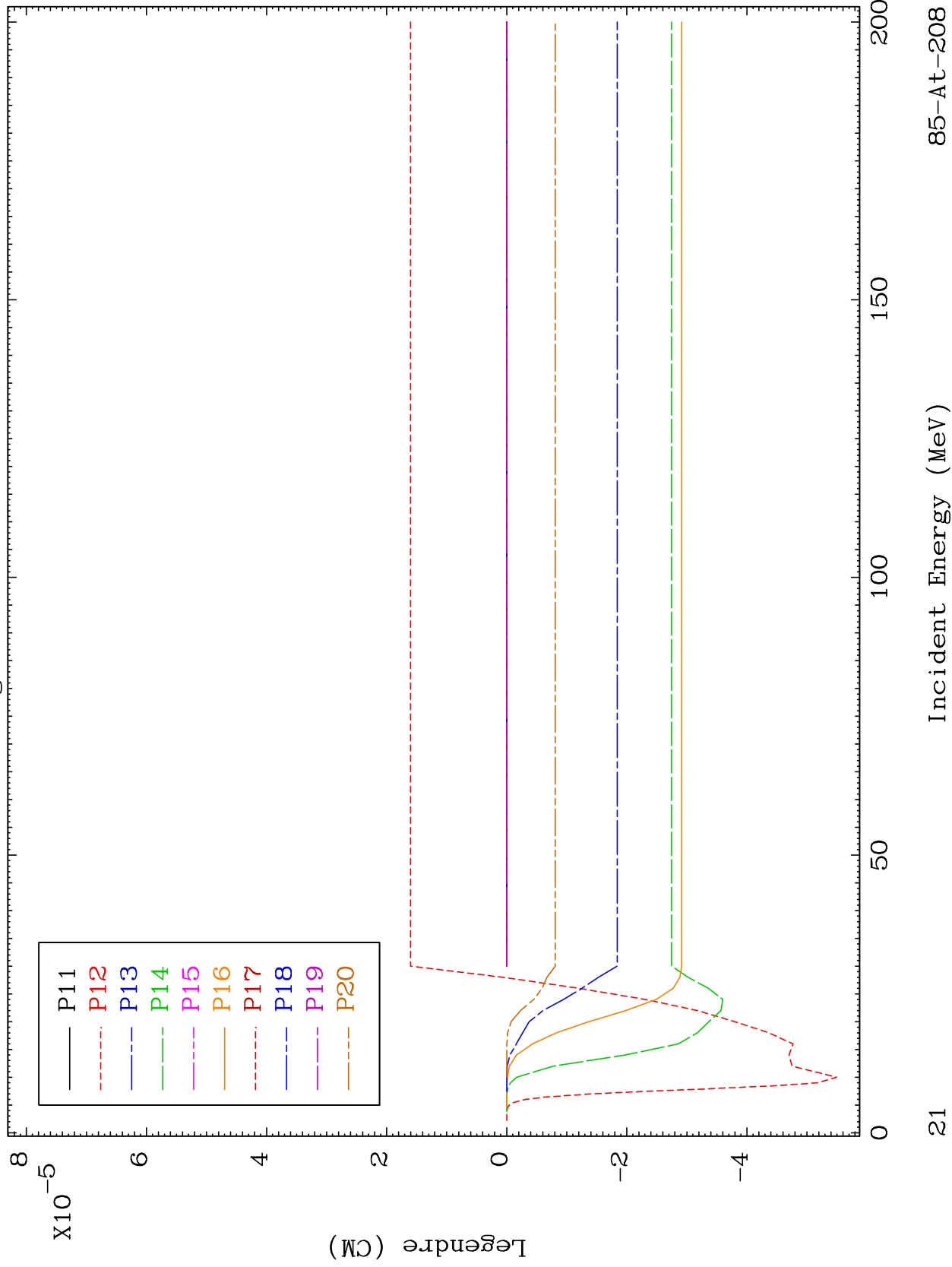


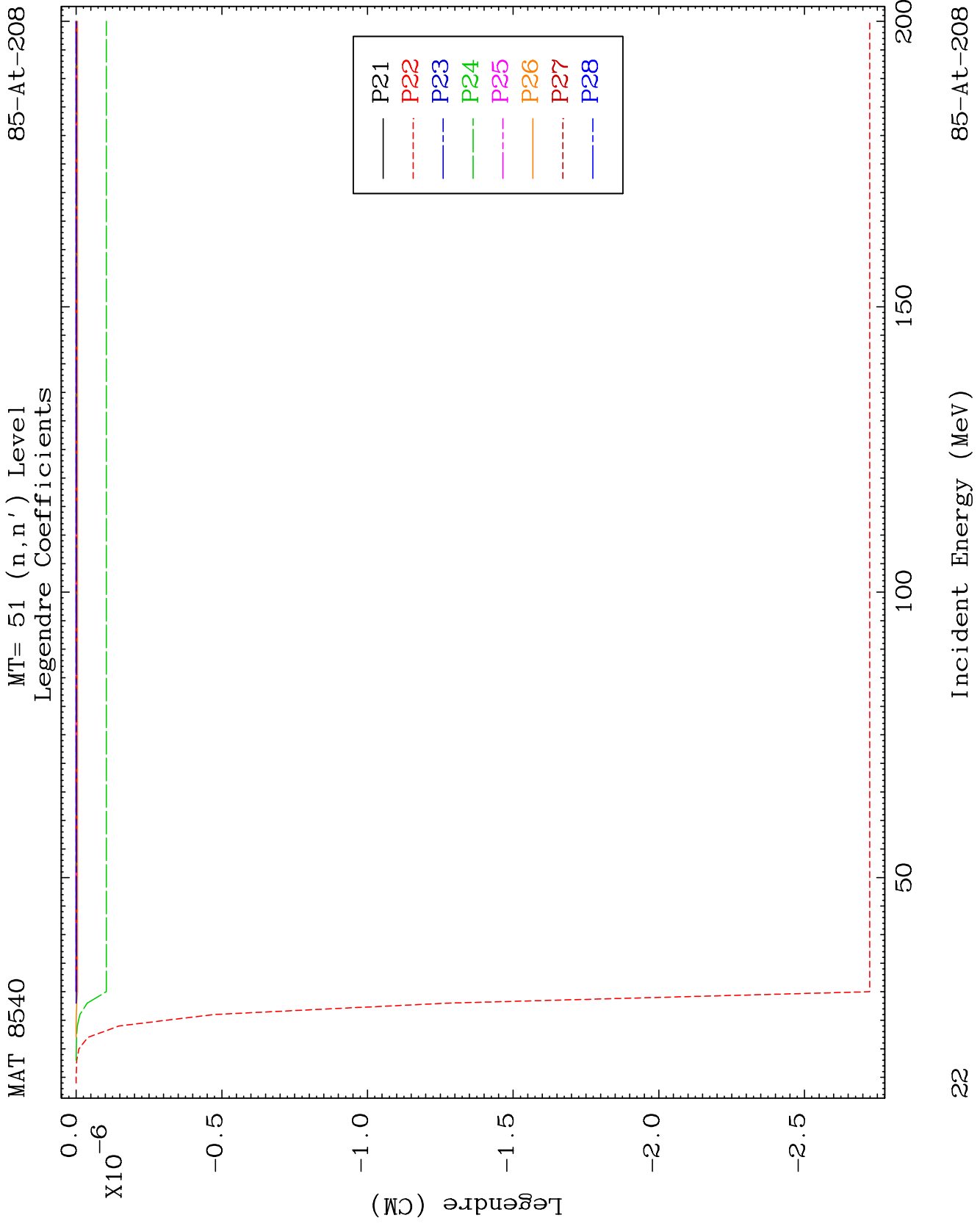


MAT 8540

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

85-At-208

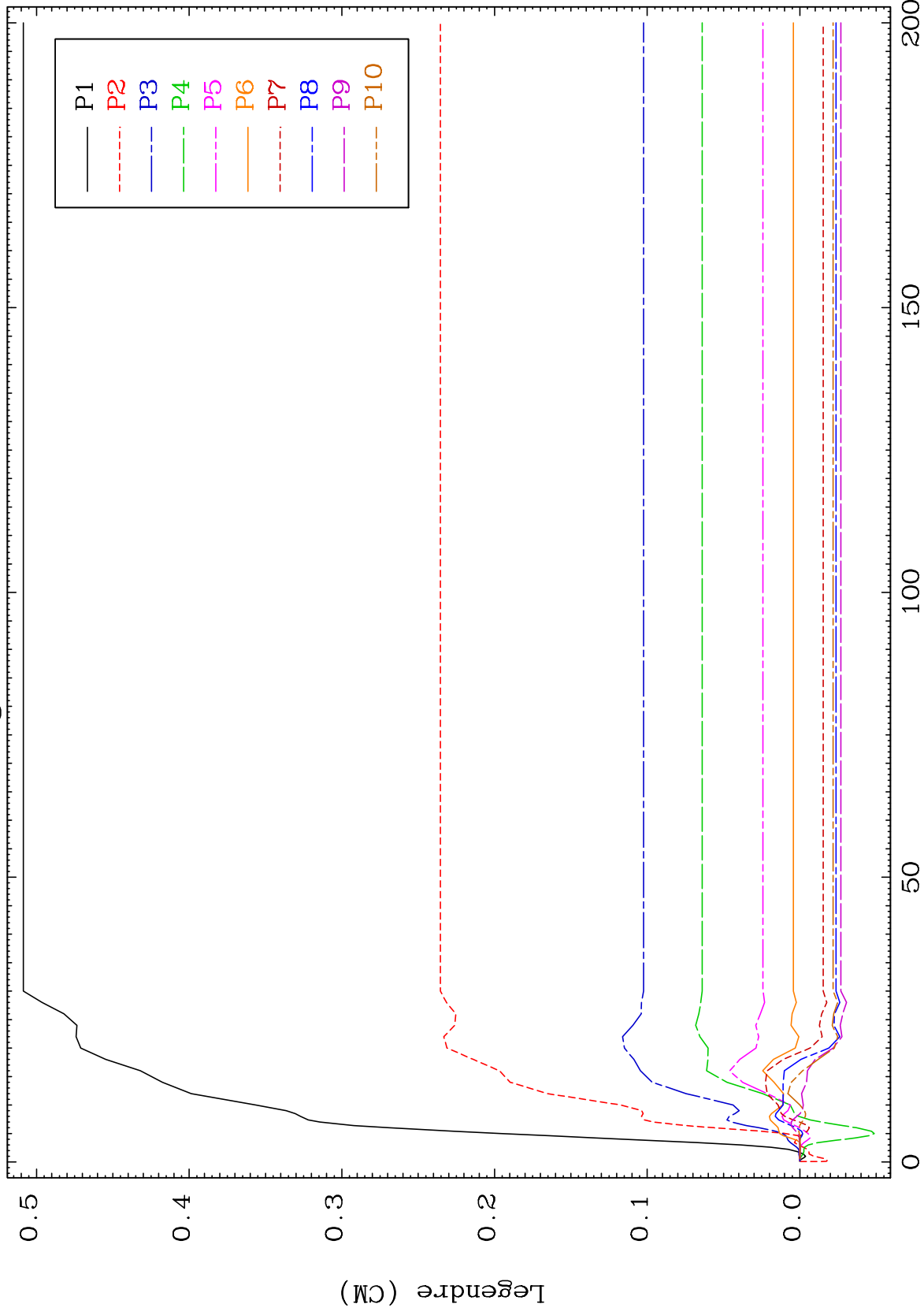




MAT 8540

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

85-At-208



85-At-208

Incident Energy (MeV)

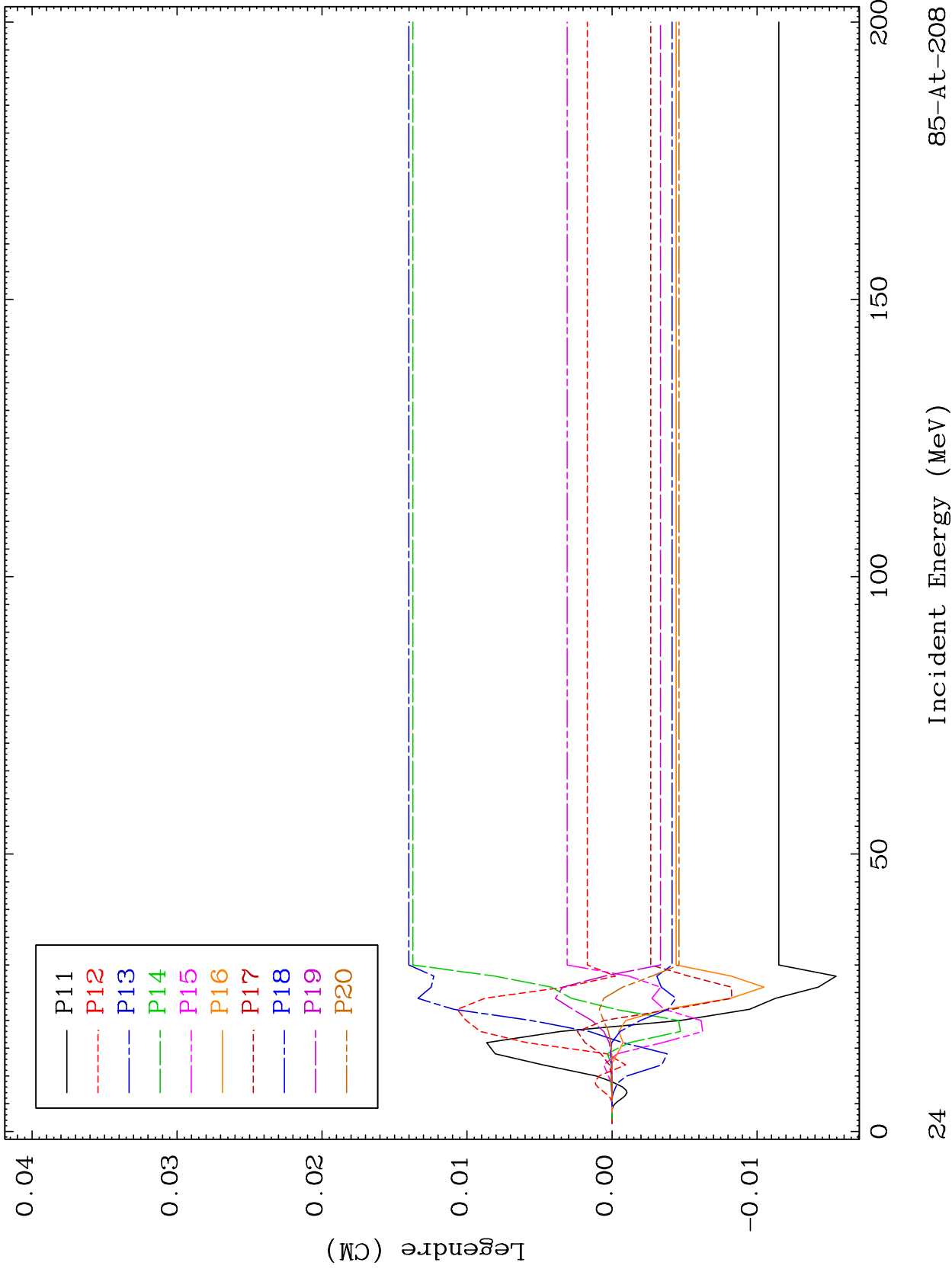
23



MAT 8540

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

85-At-208



24

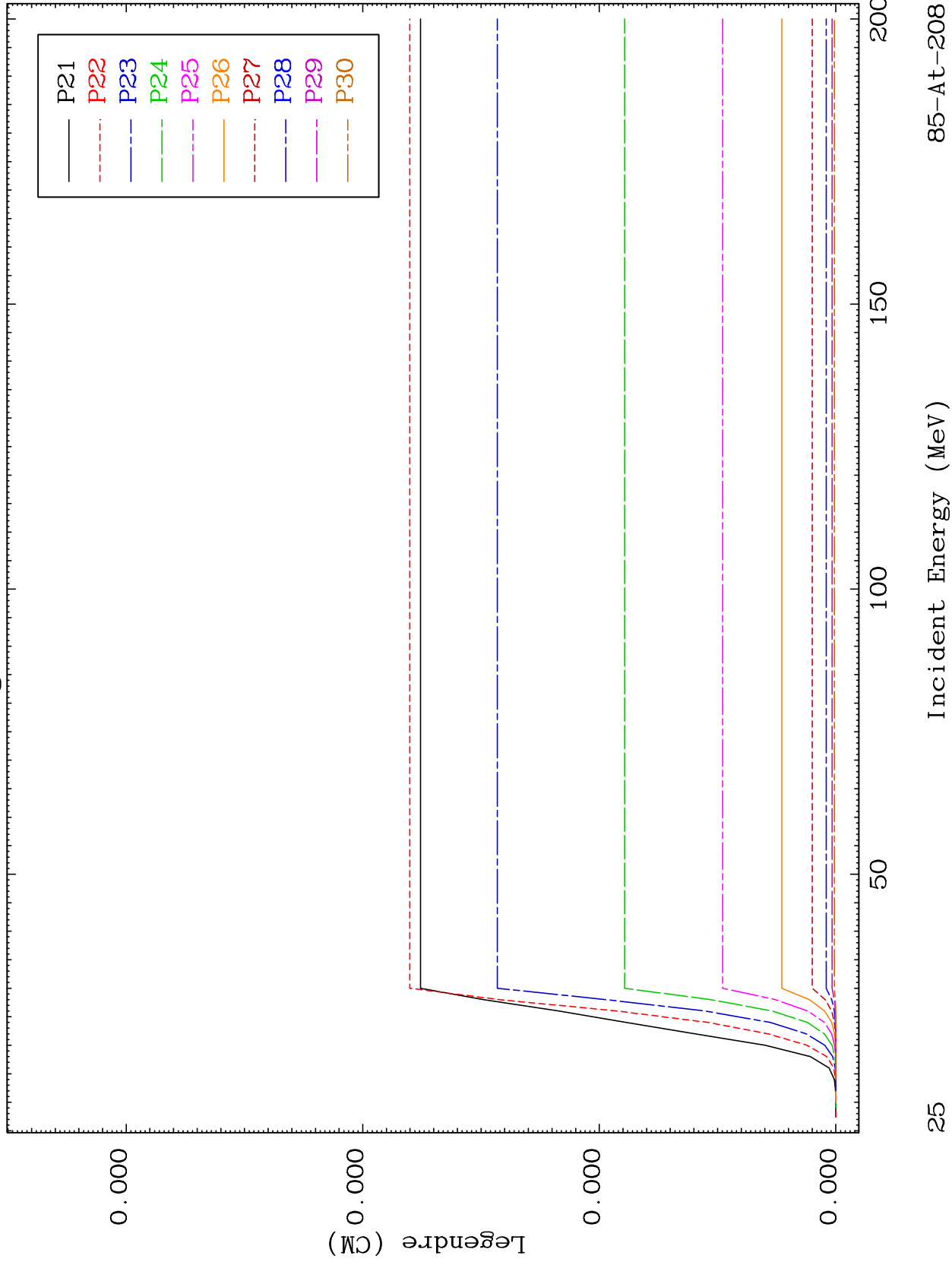
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



25

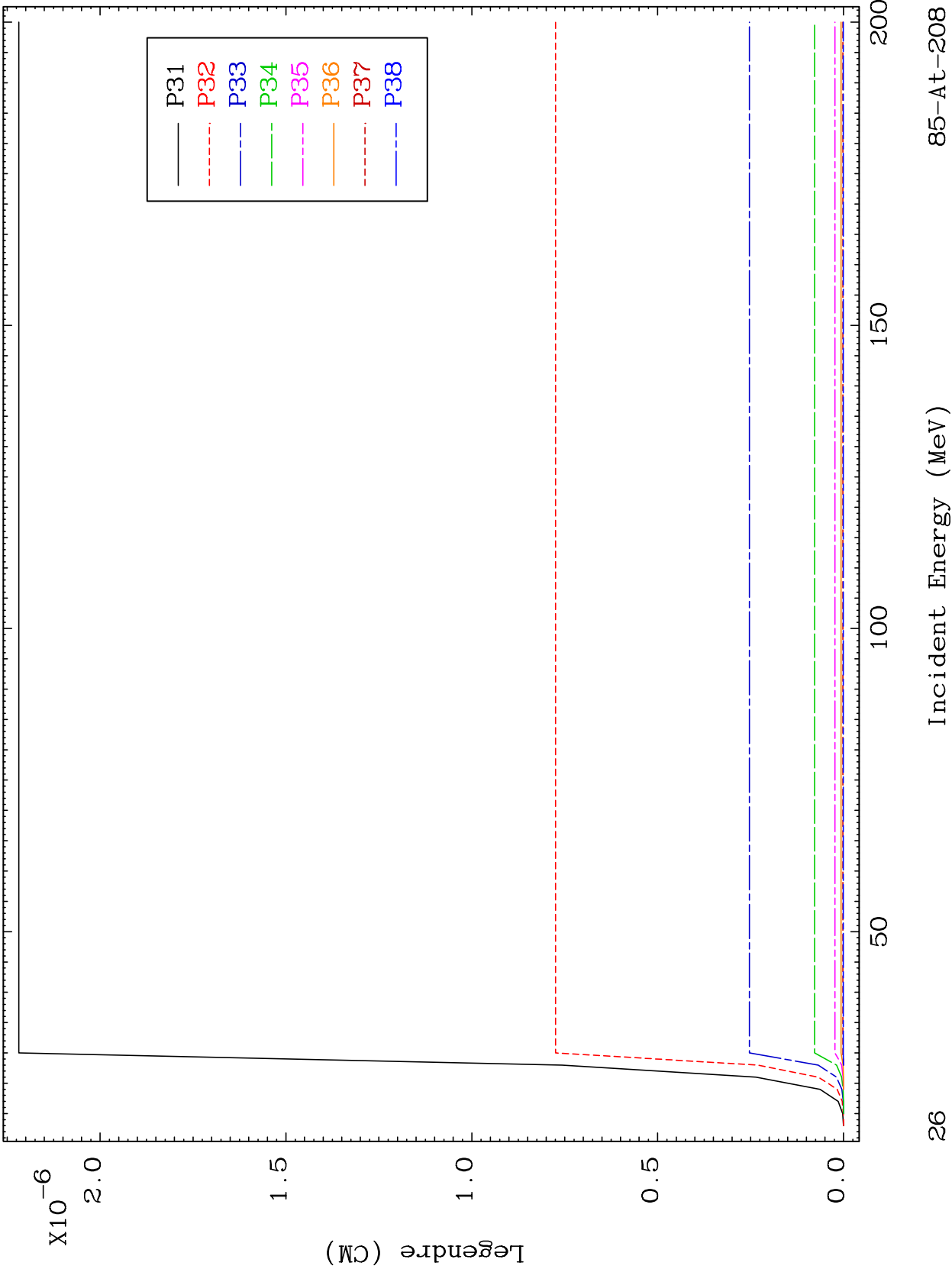
Incident Energy (MeV)

85-At-208

MAT 8540

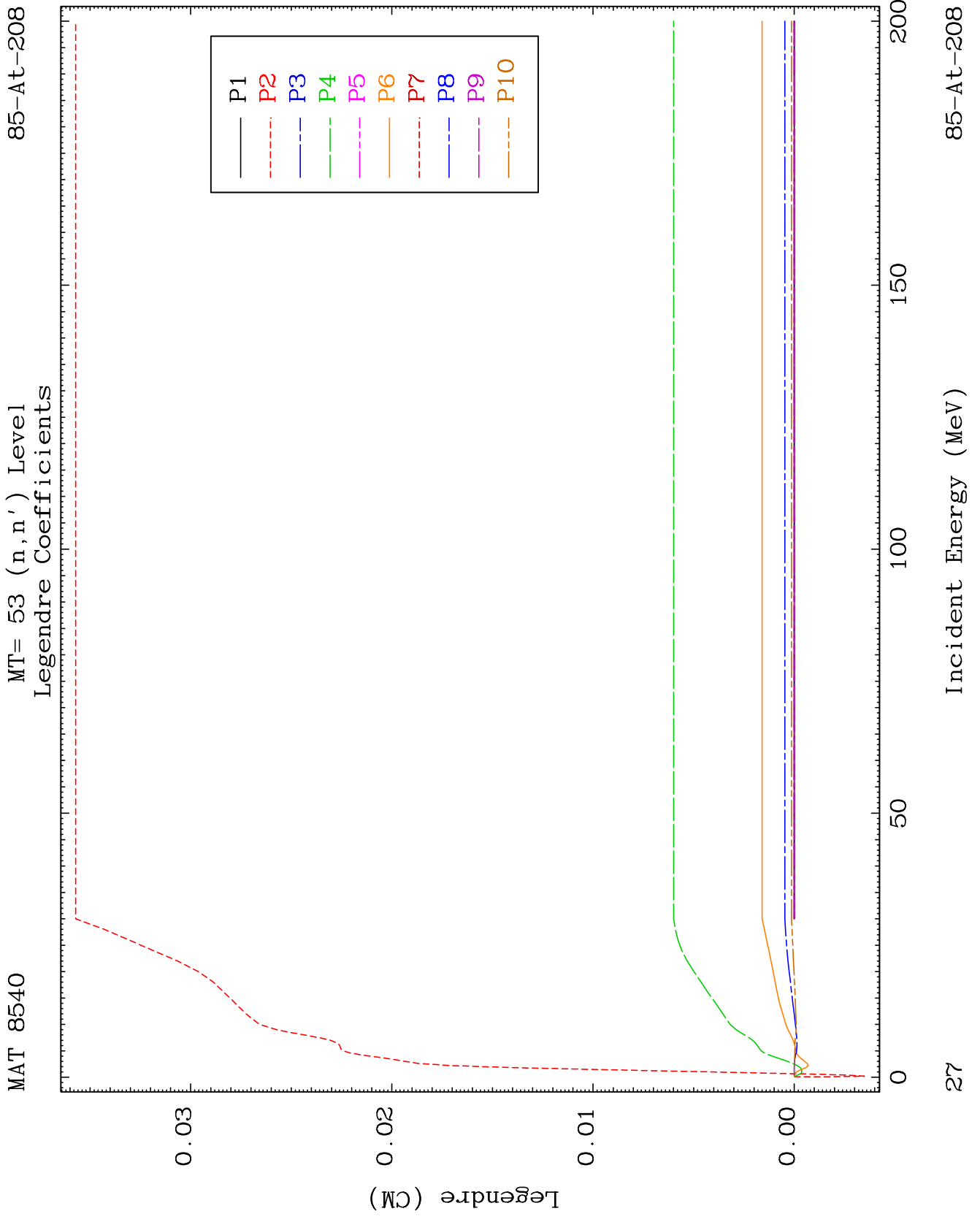
MT= 52 (n,n') Level  
Legendre Coefficients

85-At-208



26

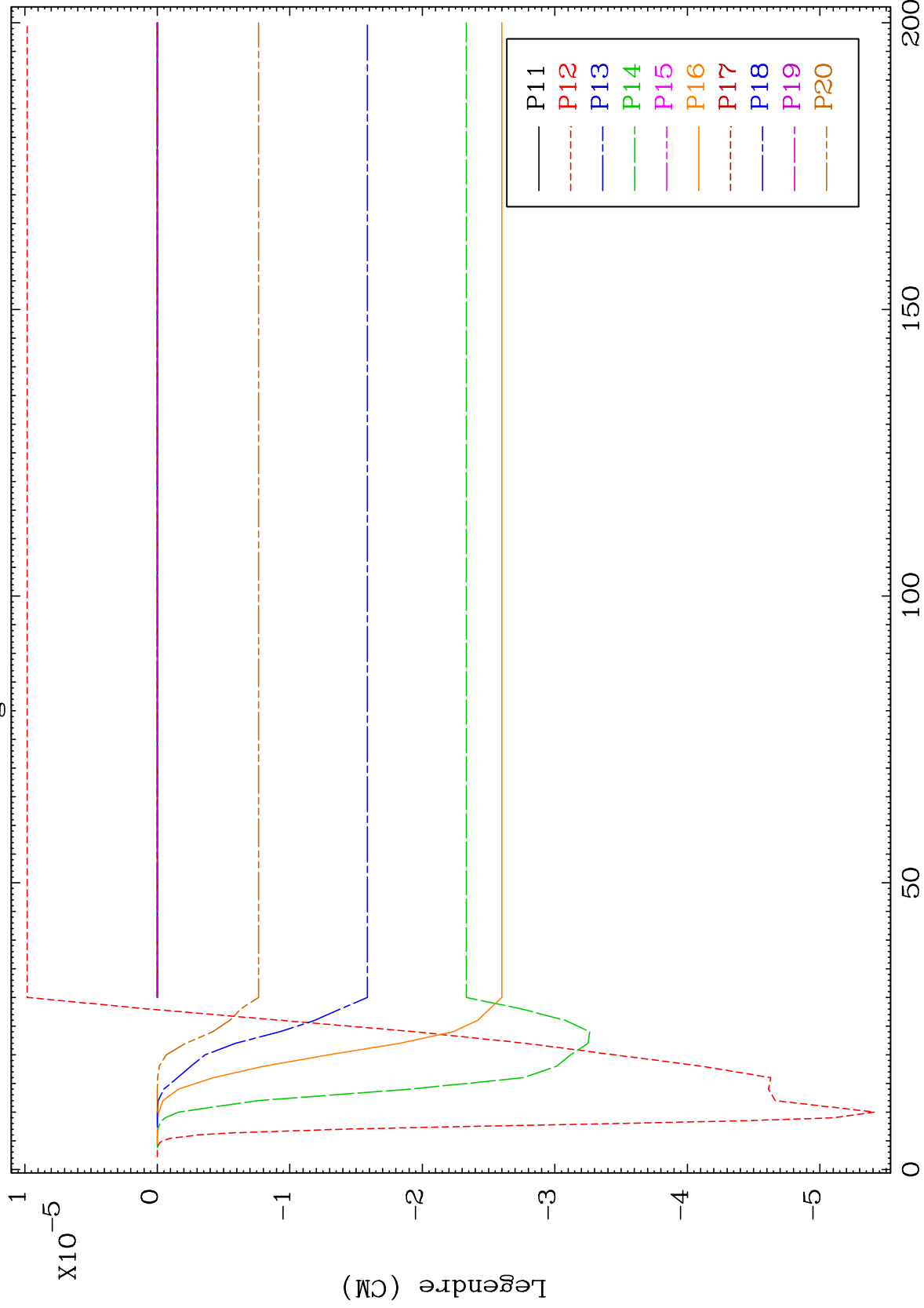
85-At-208



MAT 8540

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

85-At-208



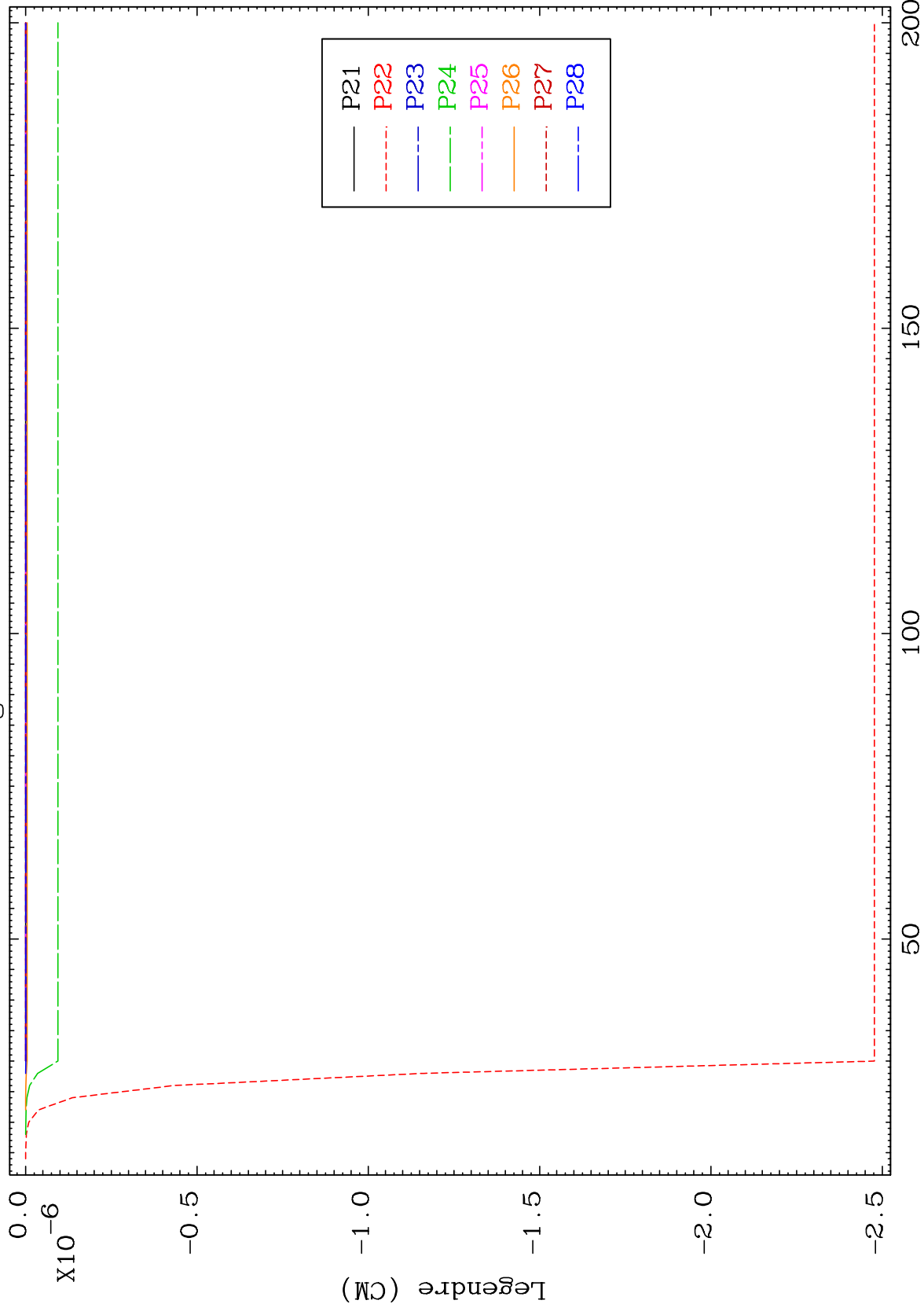
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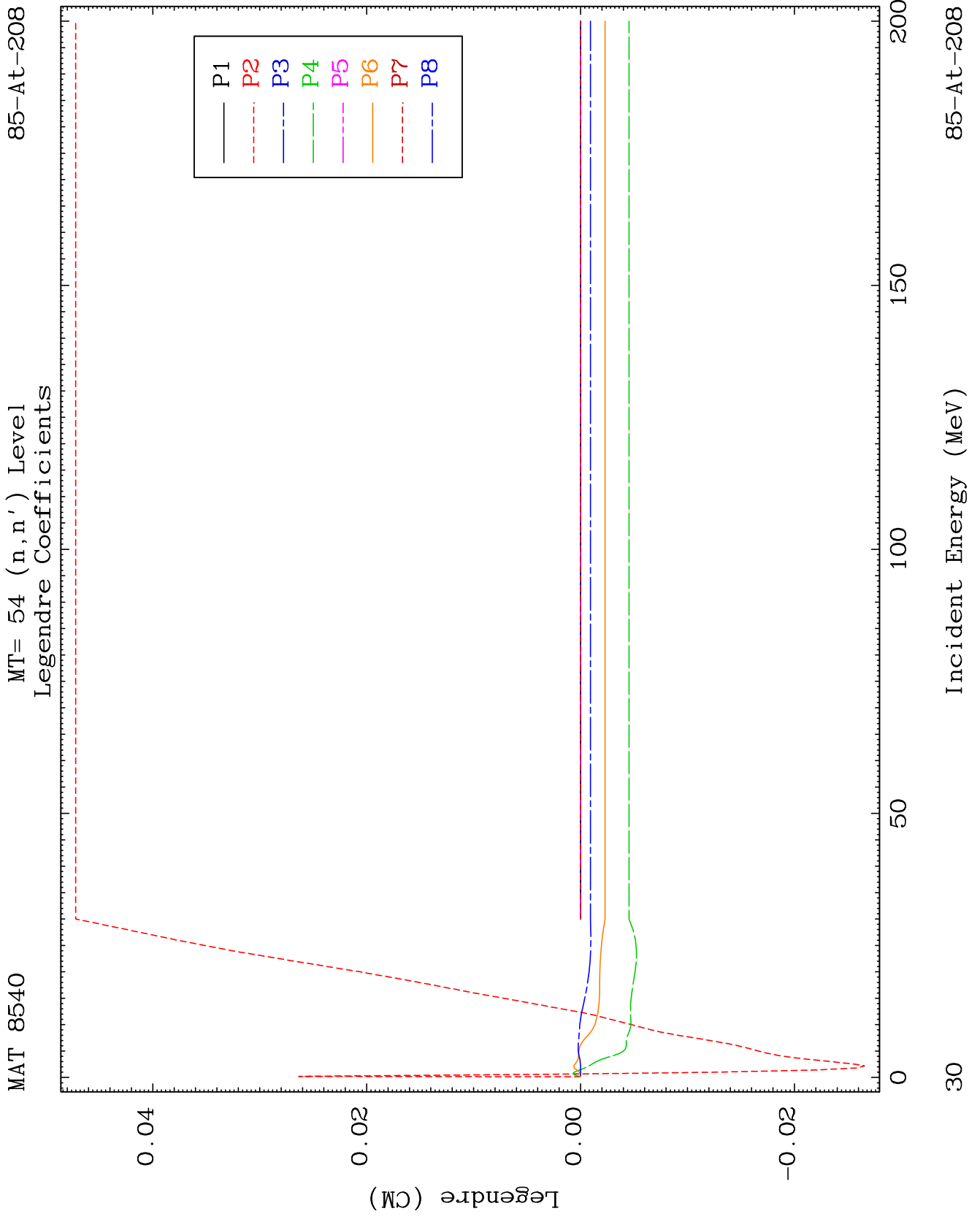
85-At-208

MAT 8540

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

85-At-208

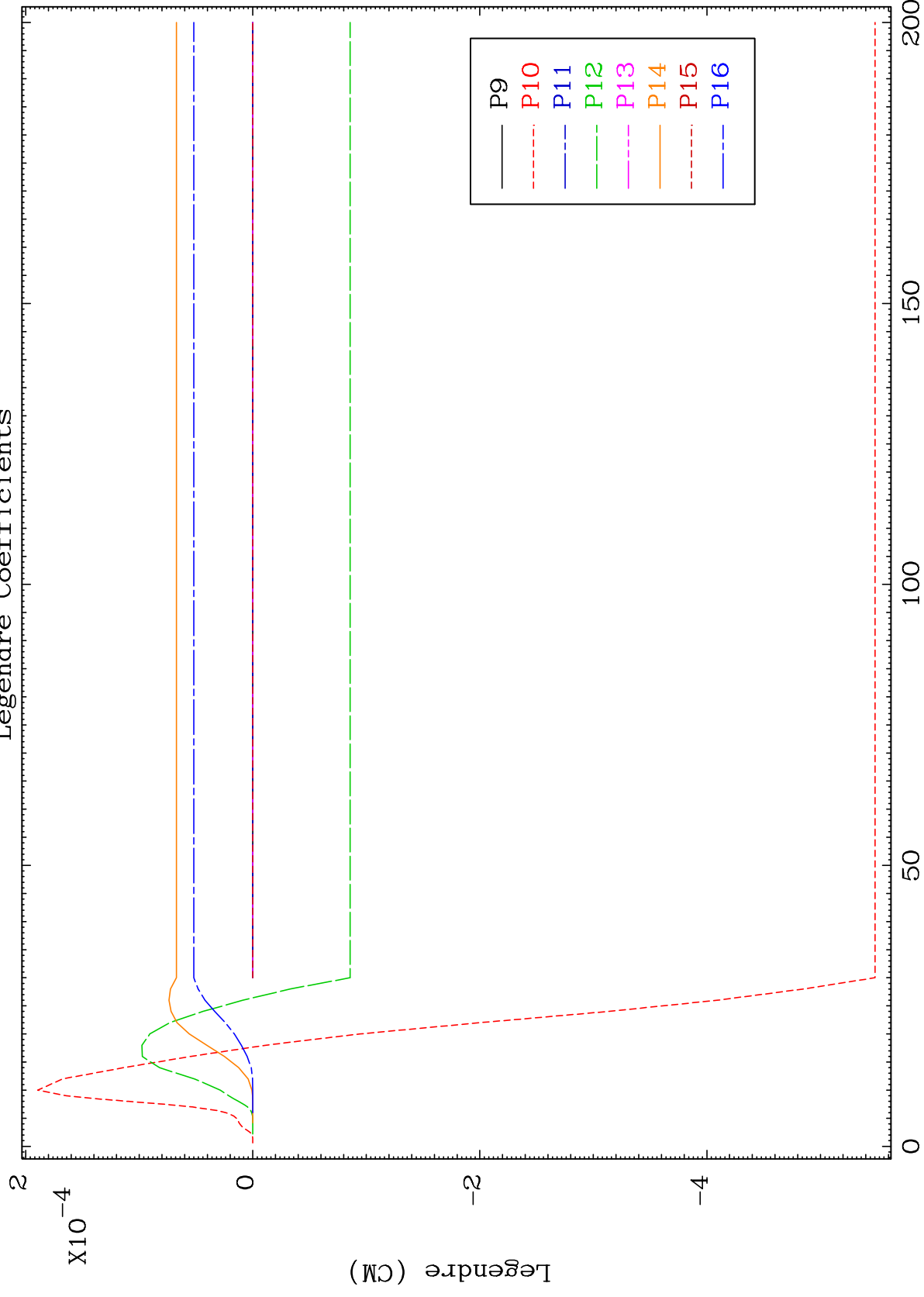




MAT 8540

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

85-At-208

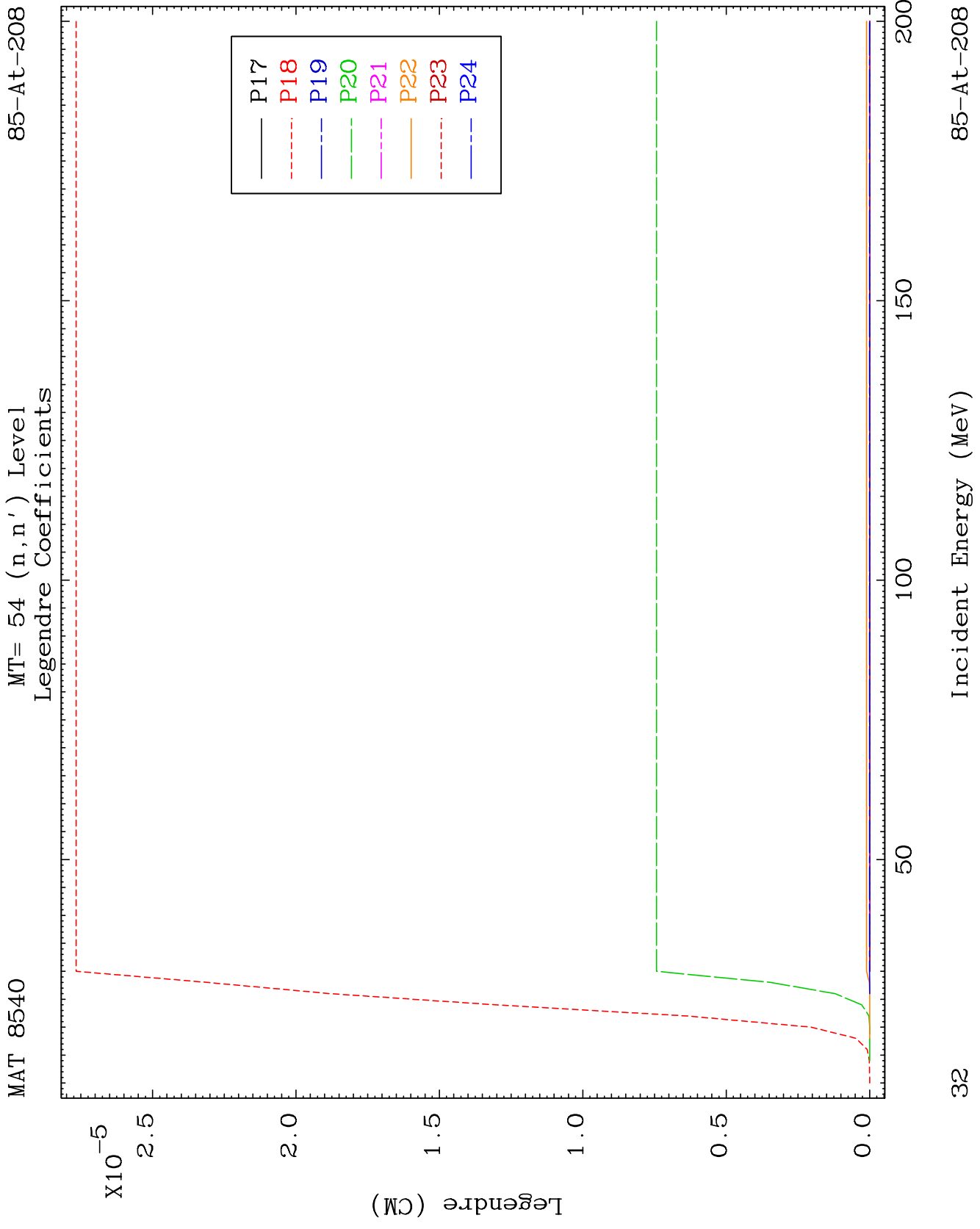


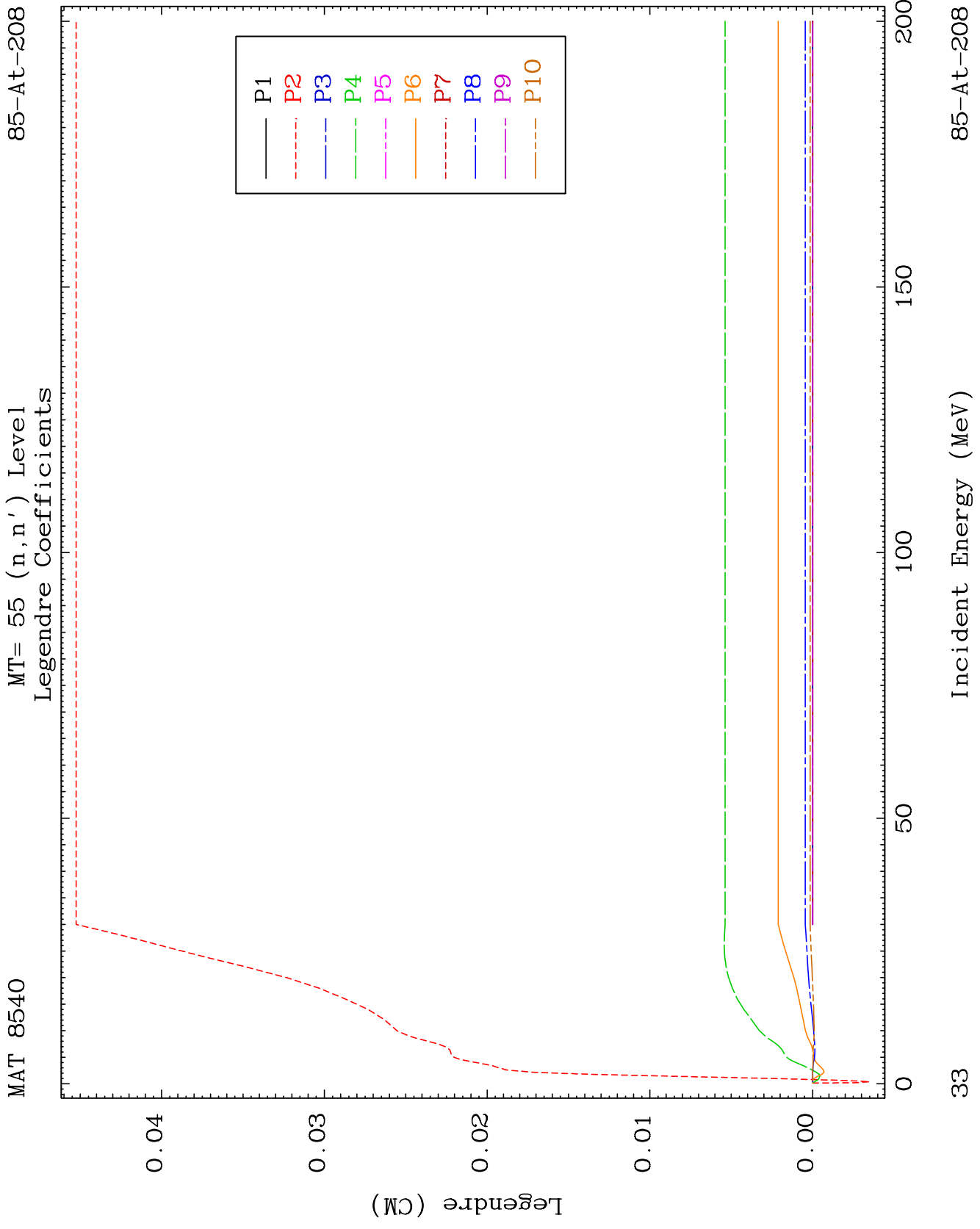
31

Incident Energy (MeV)

85-At-208



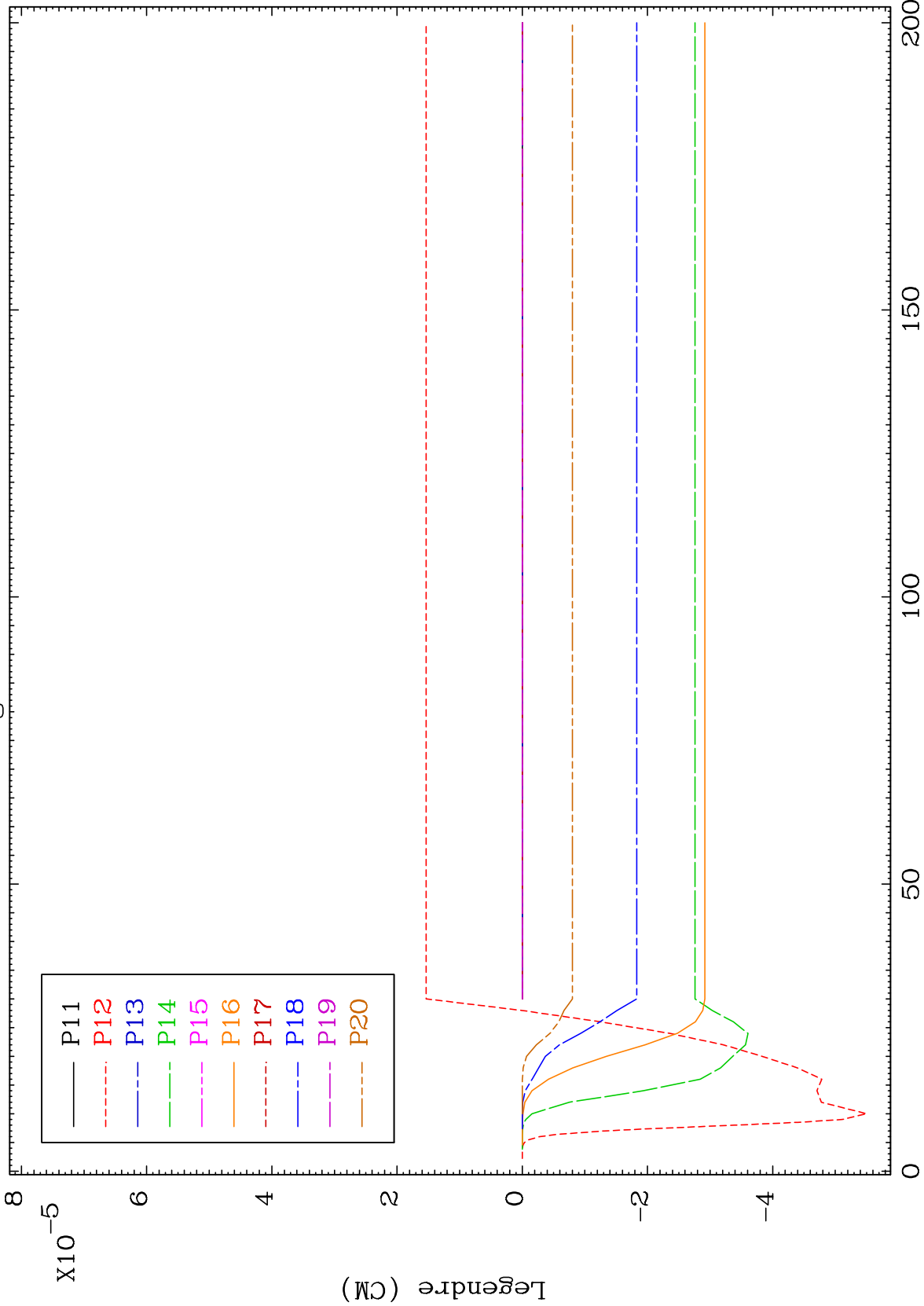




MAT 8540

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

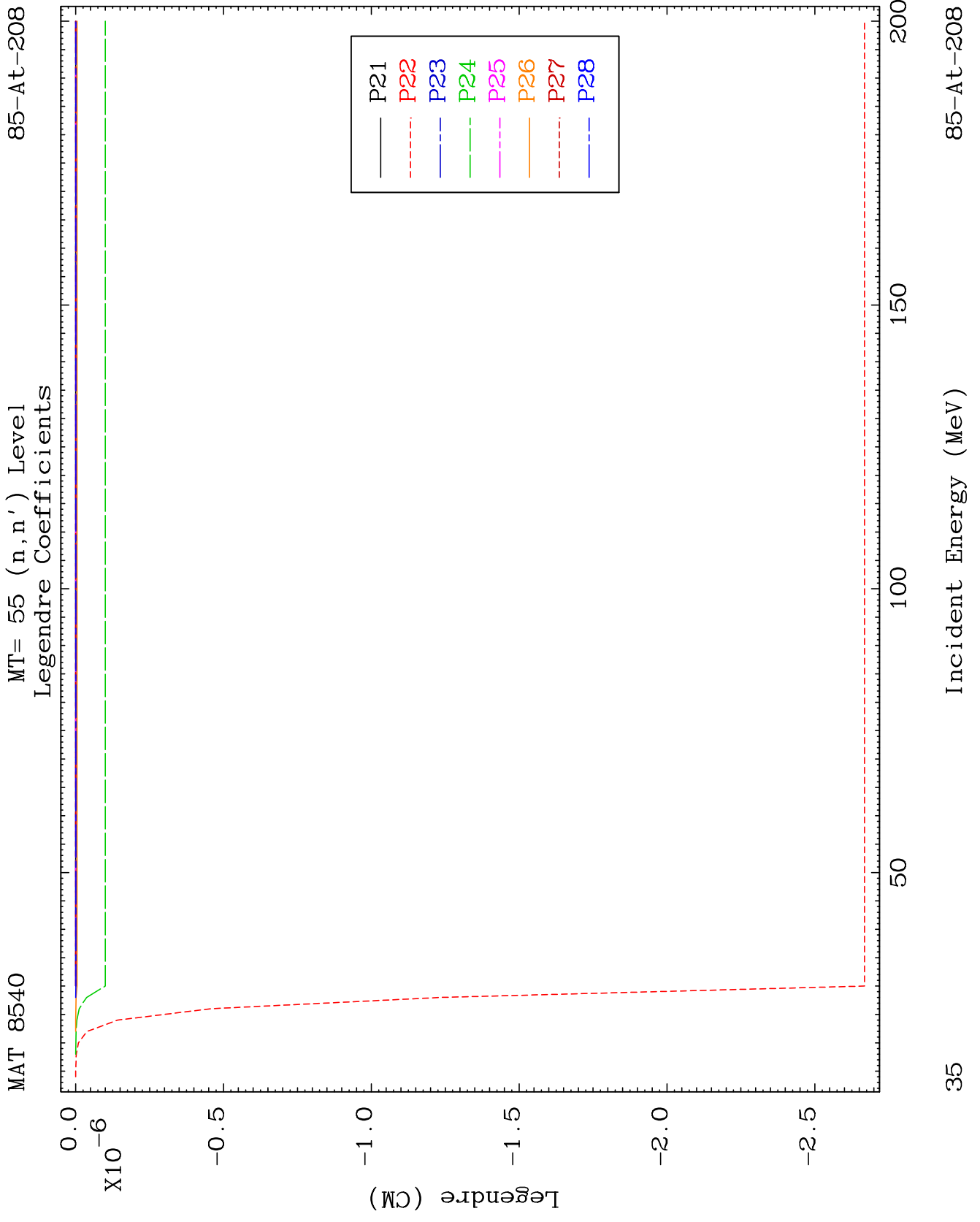
85-At-208



34

Incident Energy (MeV)

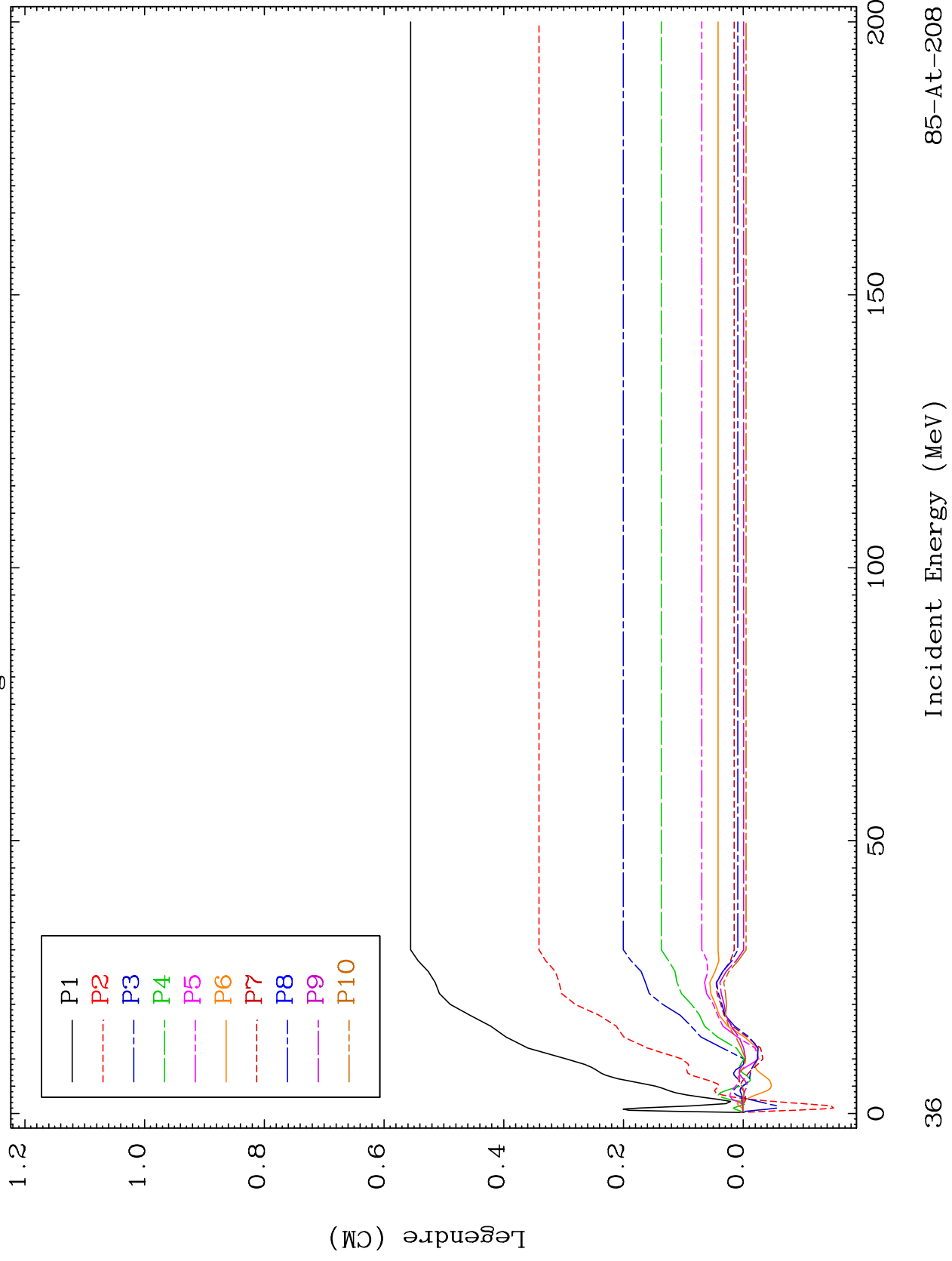
85-At-208



MAT 8540

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

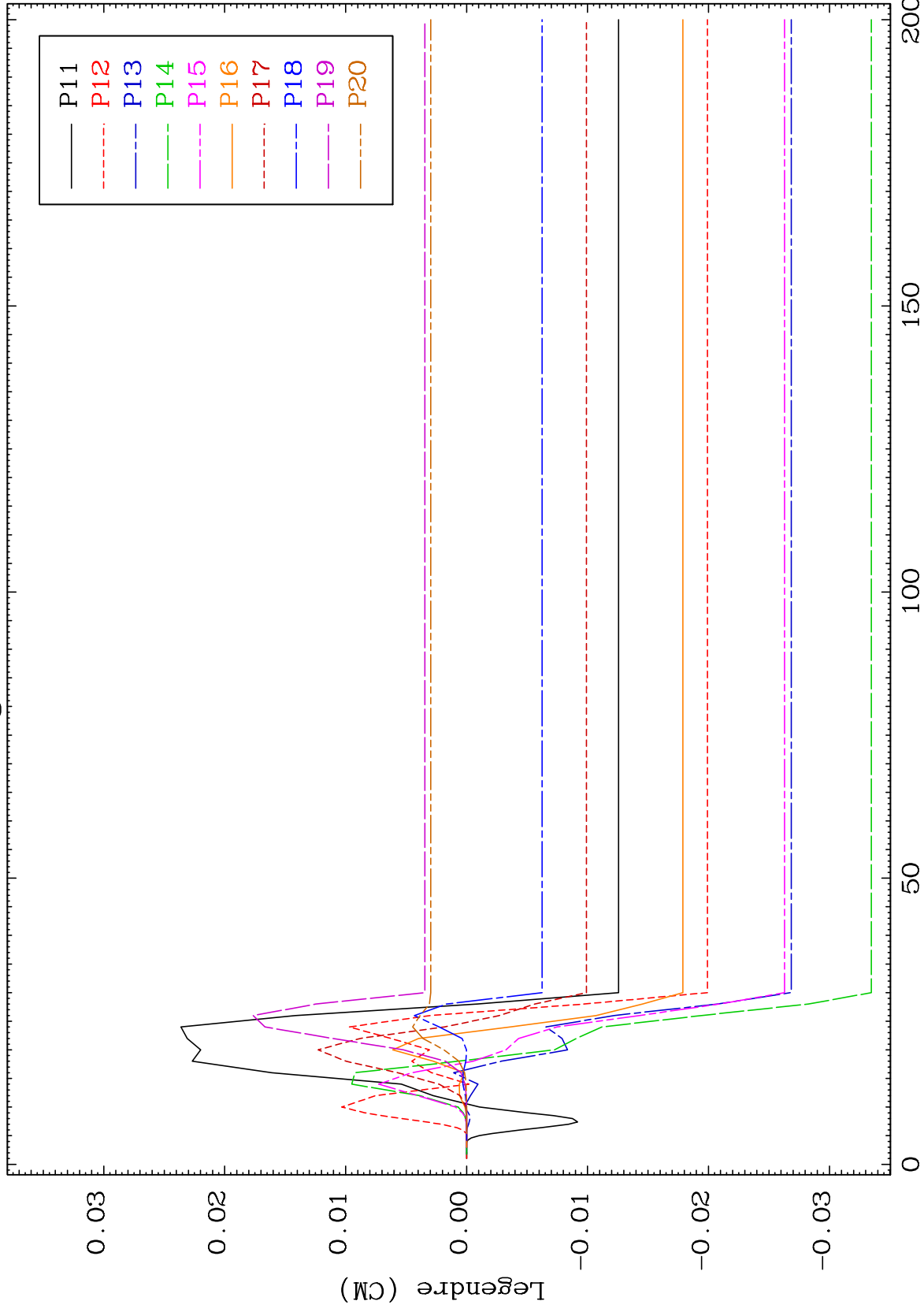
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MAT 8540

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

85-At-208



37

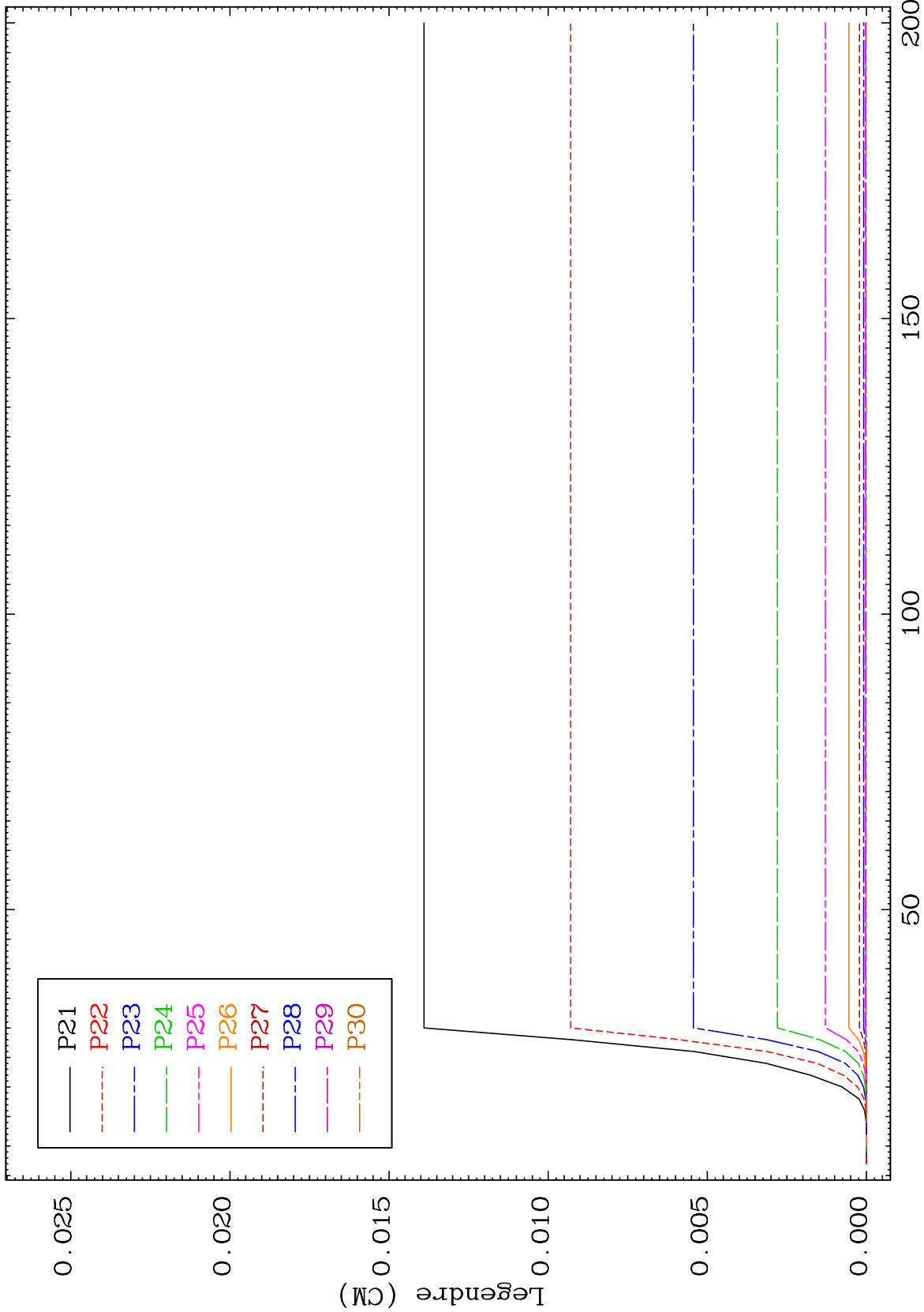
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



38

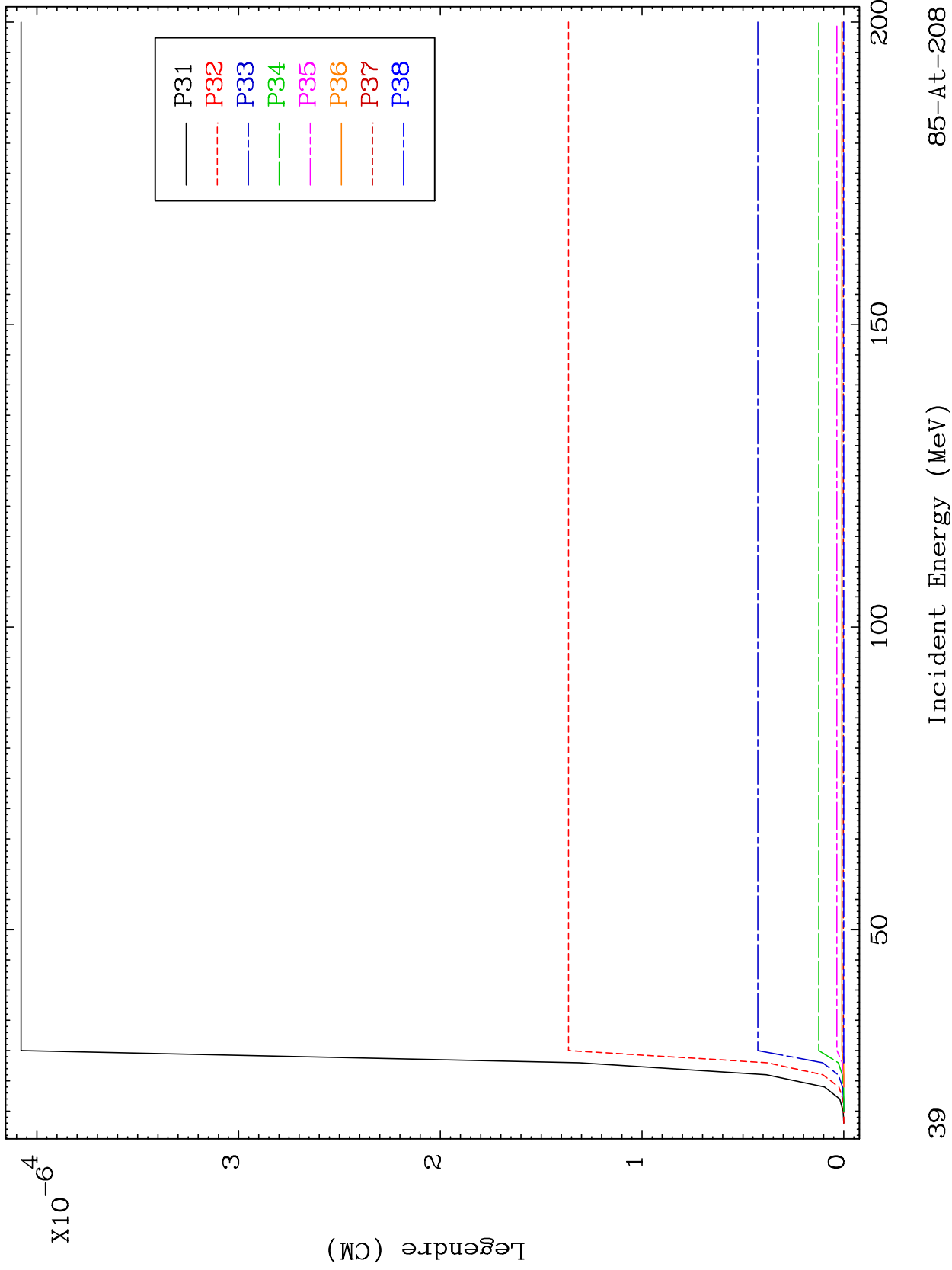
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



39

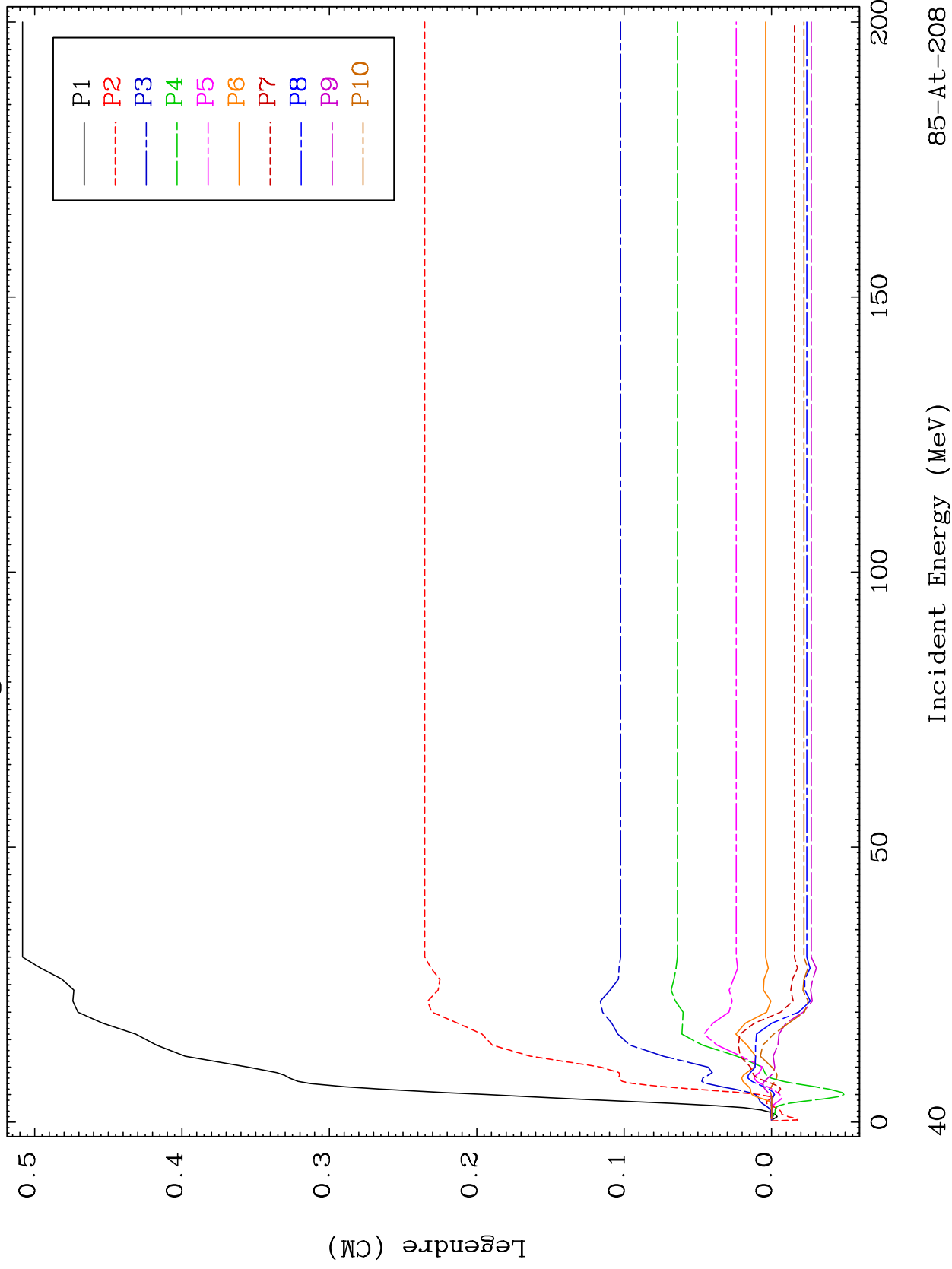
85-At-208



MAT 8540

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

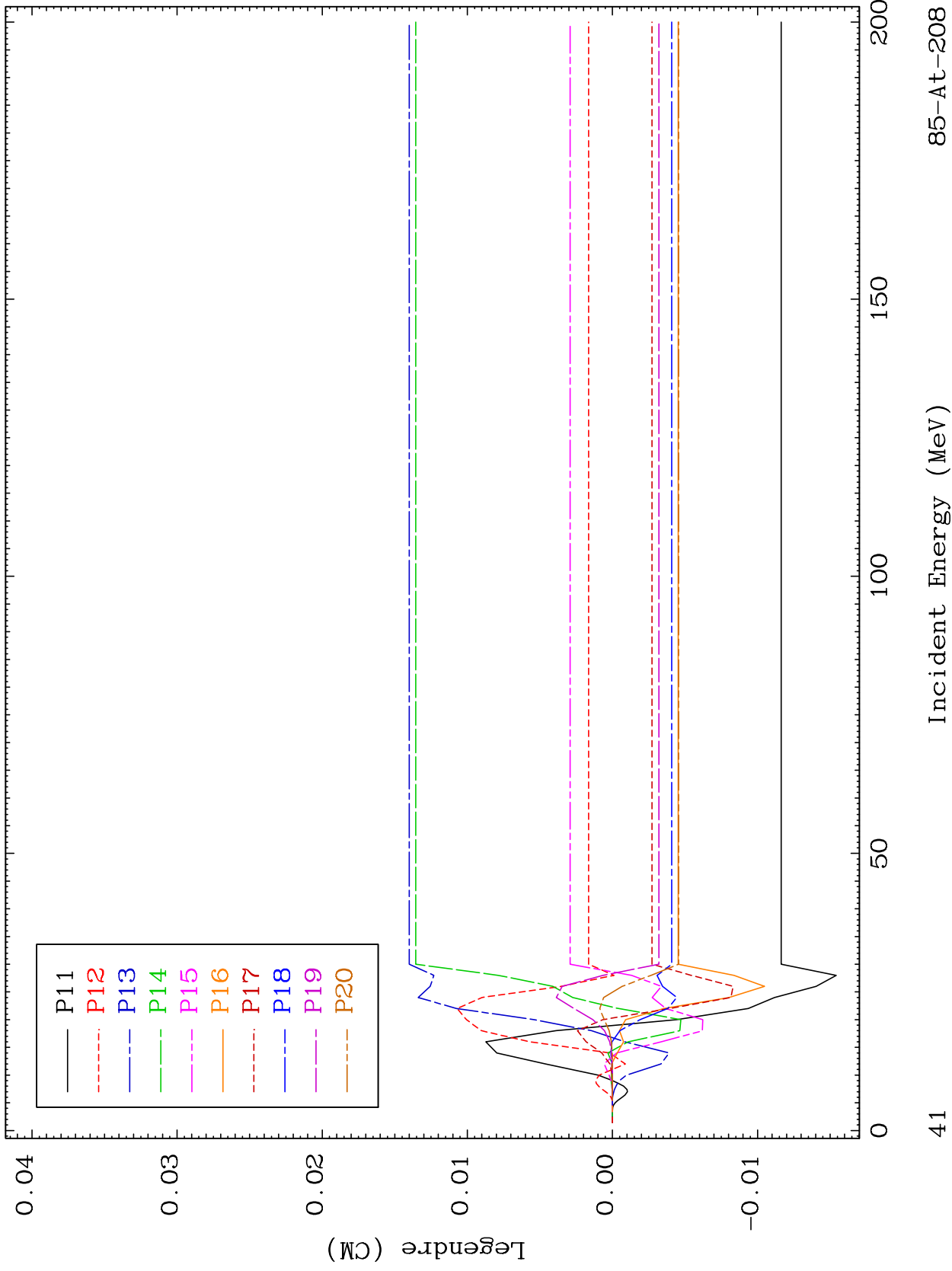
85-At-208



MAT 8540

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

85-At-208



85-At-208

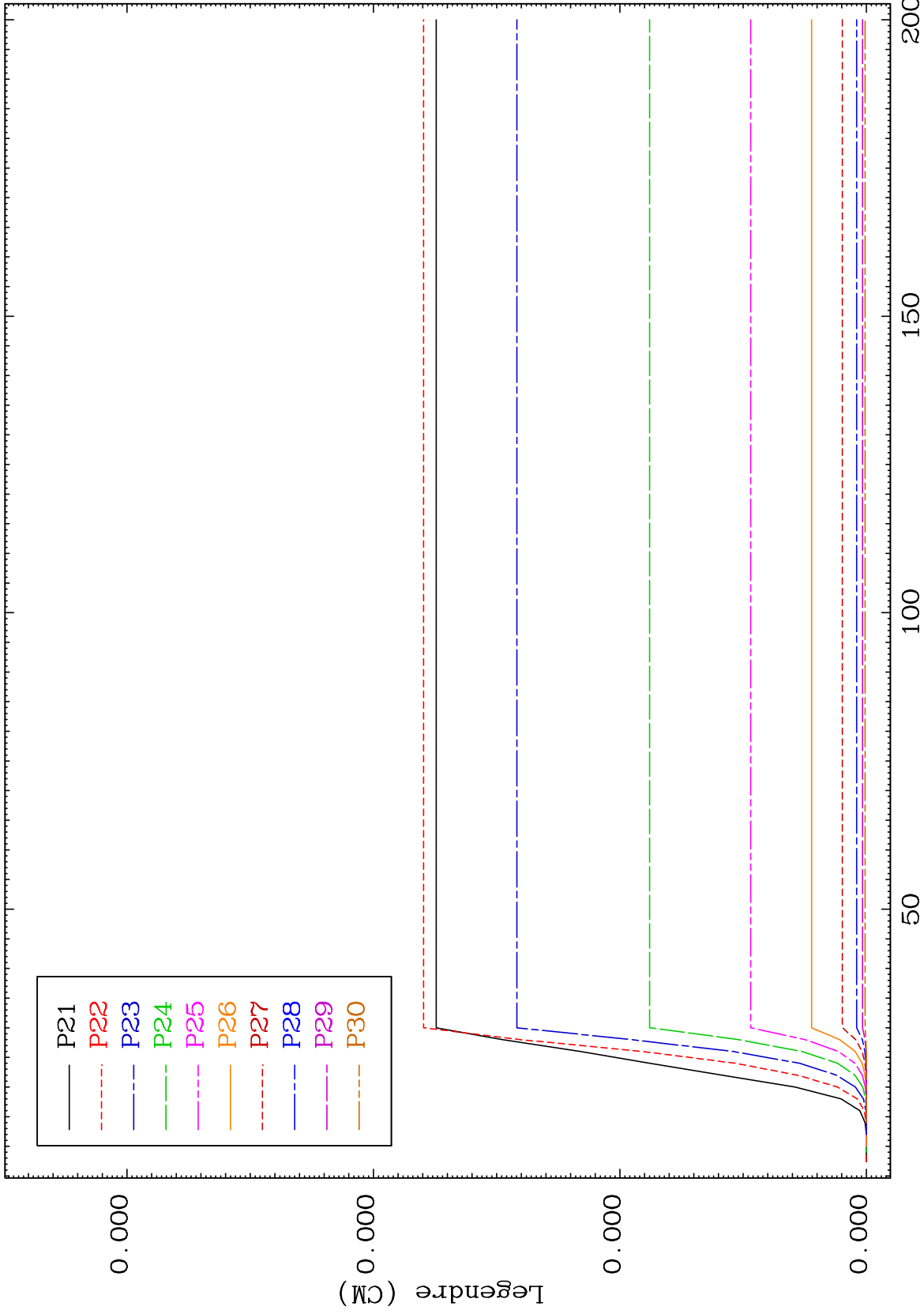
Incident Energy (MeV)

41

MAT 8540

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

85-At-208



42

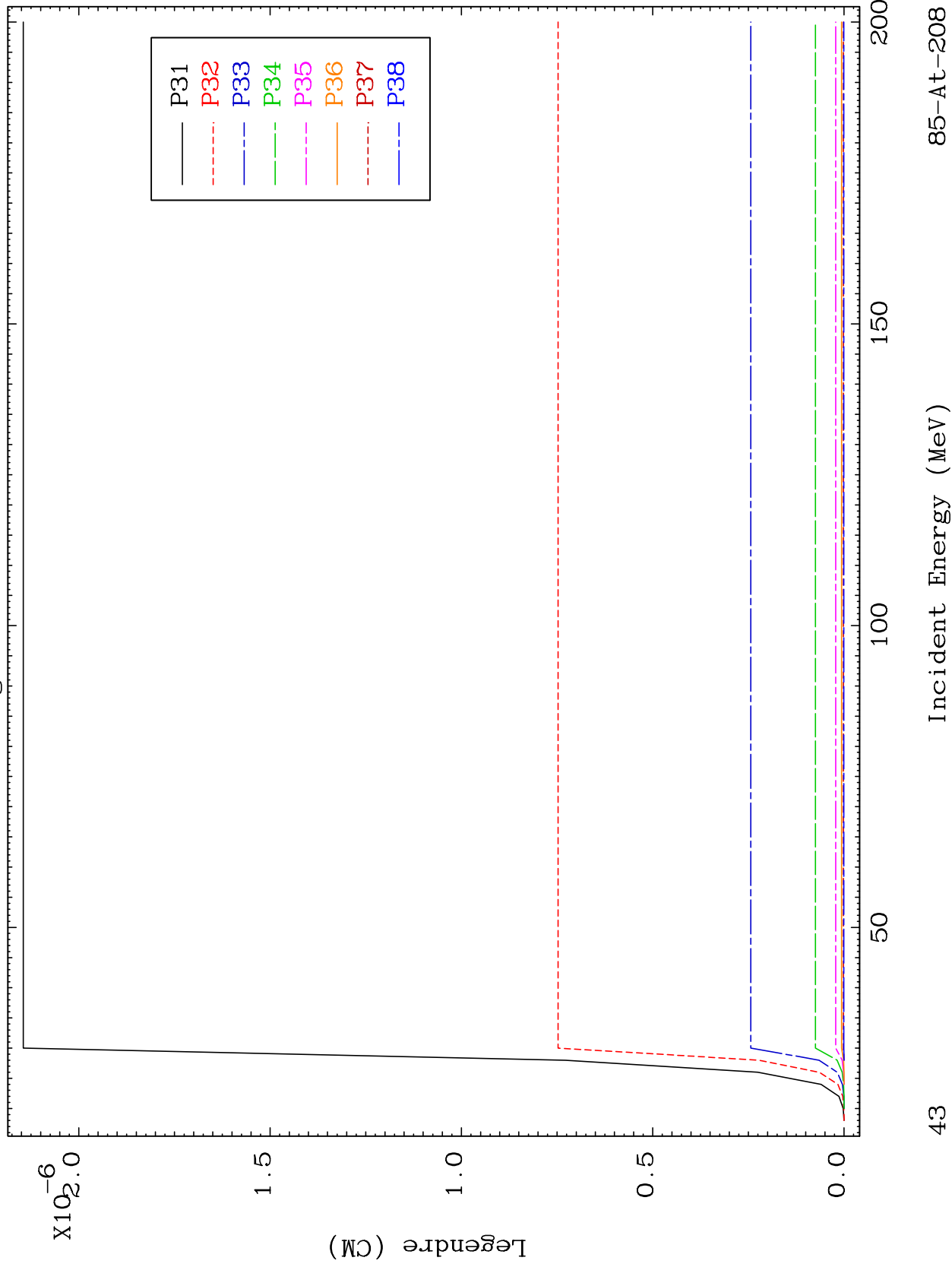
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



43

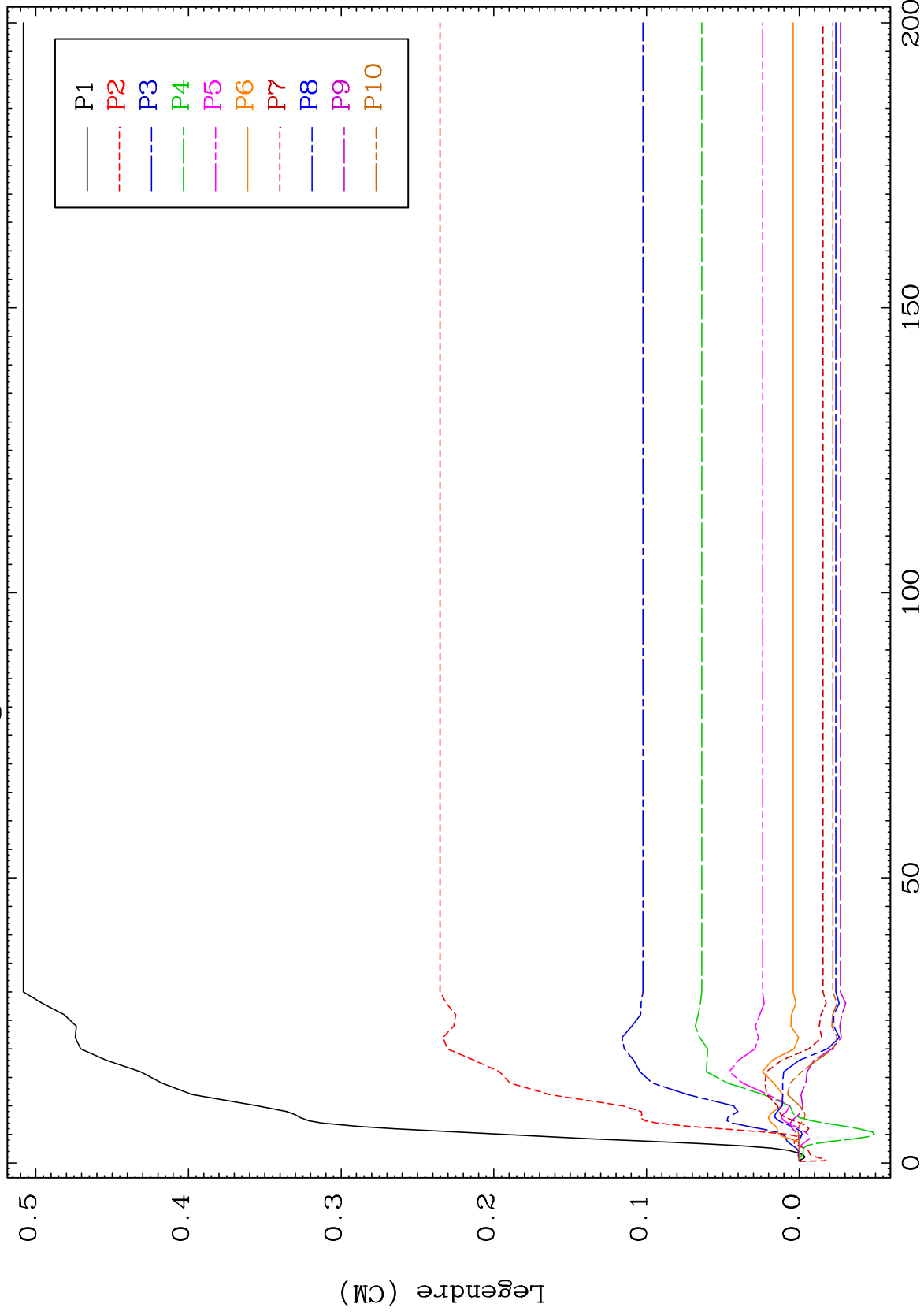
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



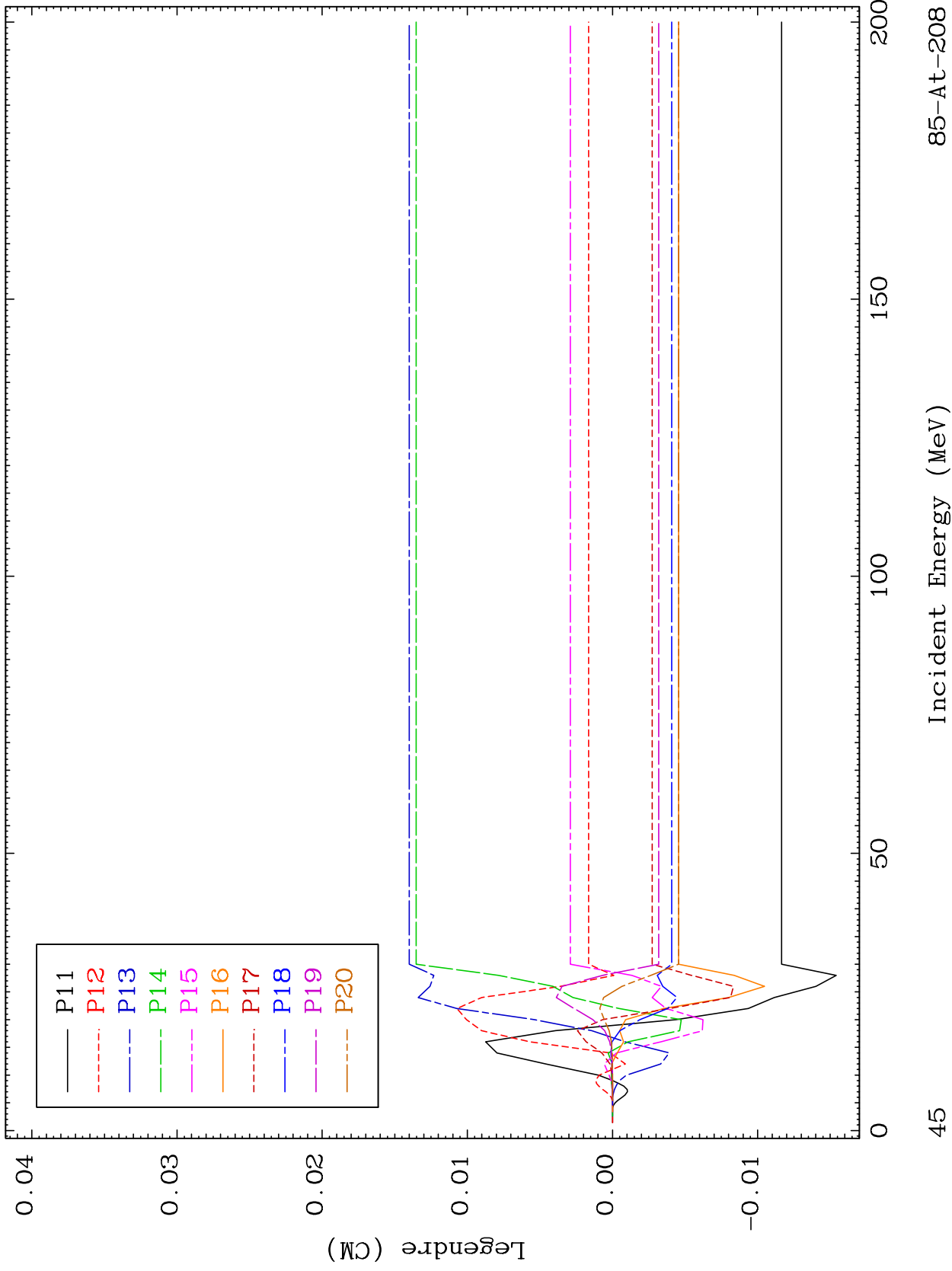
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85-At-208

MAT 8540

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

85-At-208



85-At-208

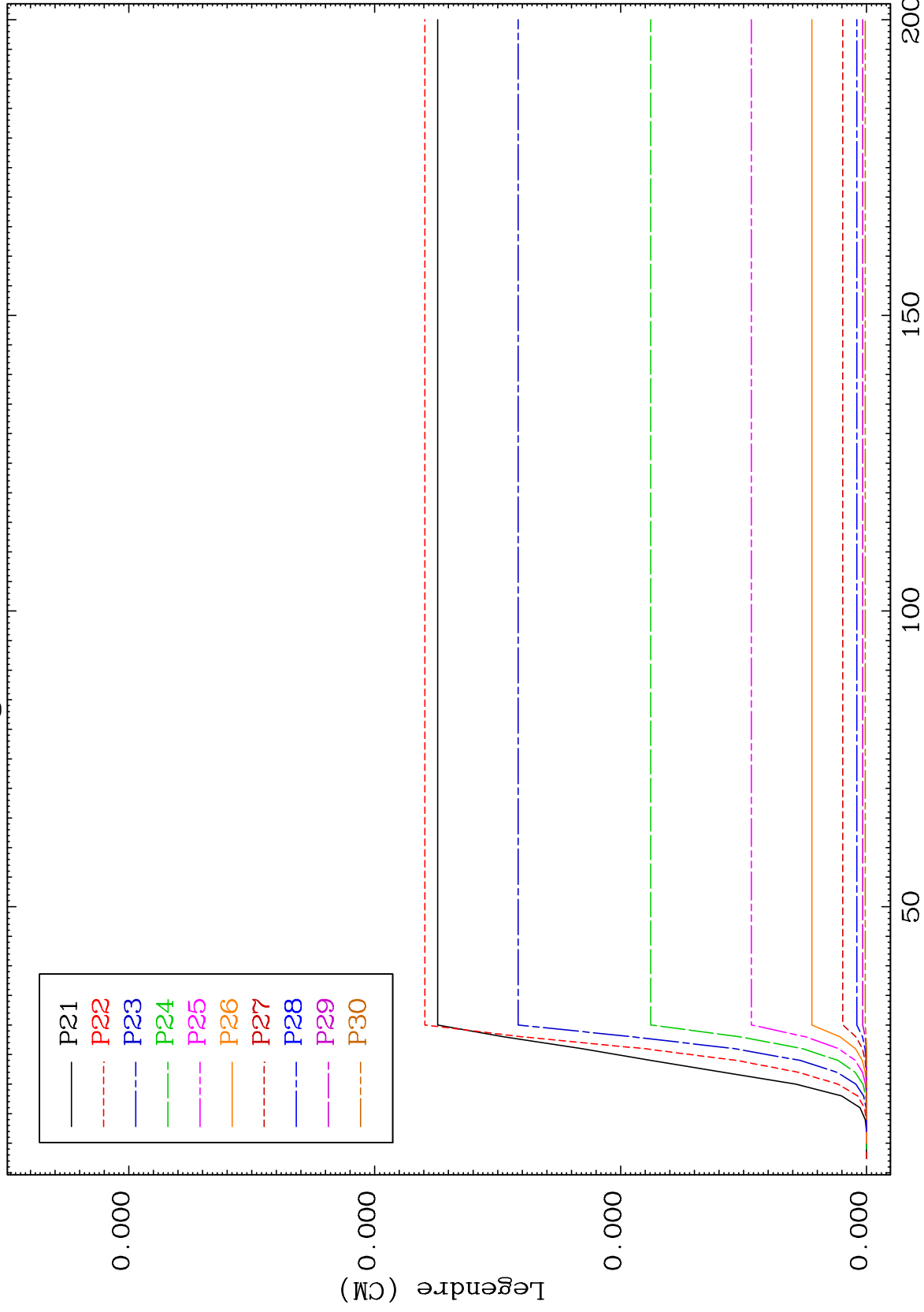
Incident Energy (MeV)

45

MAT 8540

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

85-At-208



46

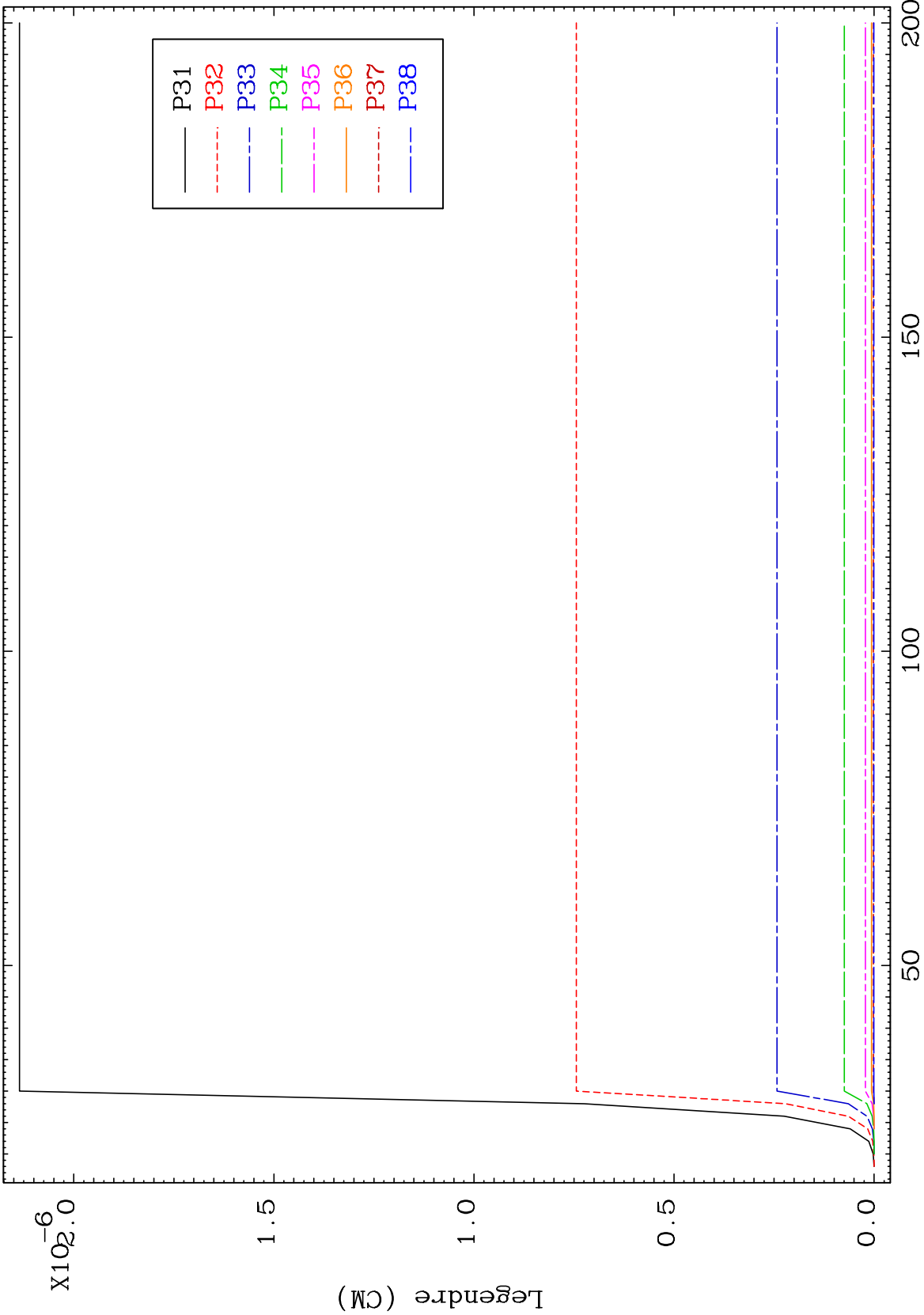
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



47

Incident Energy (MeV)

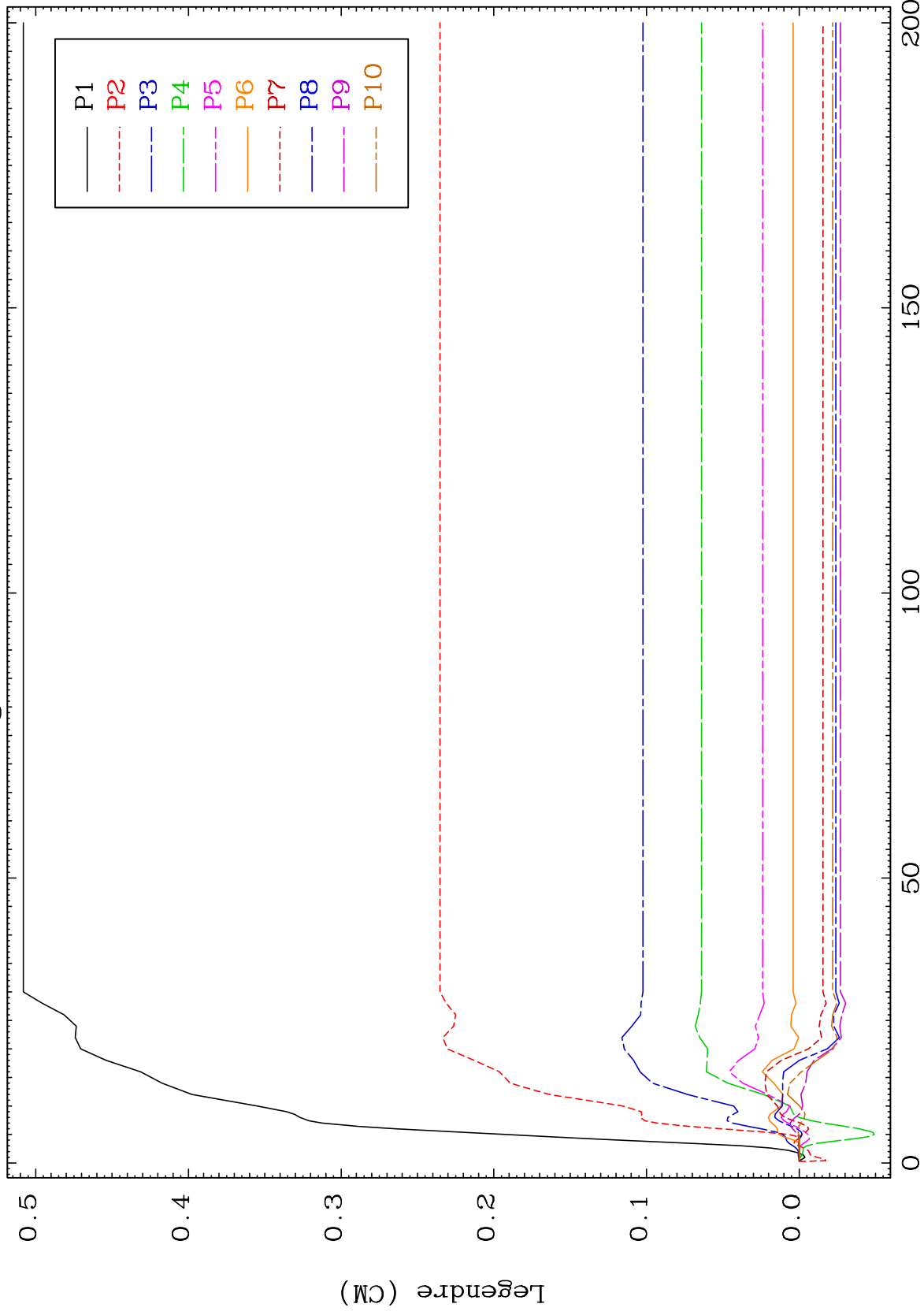
85-At-208



MAT 8540

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

85-At-208



48

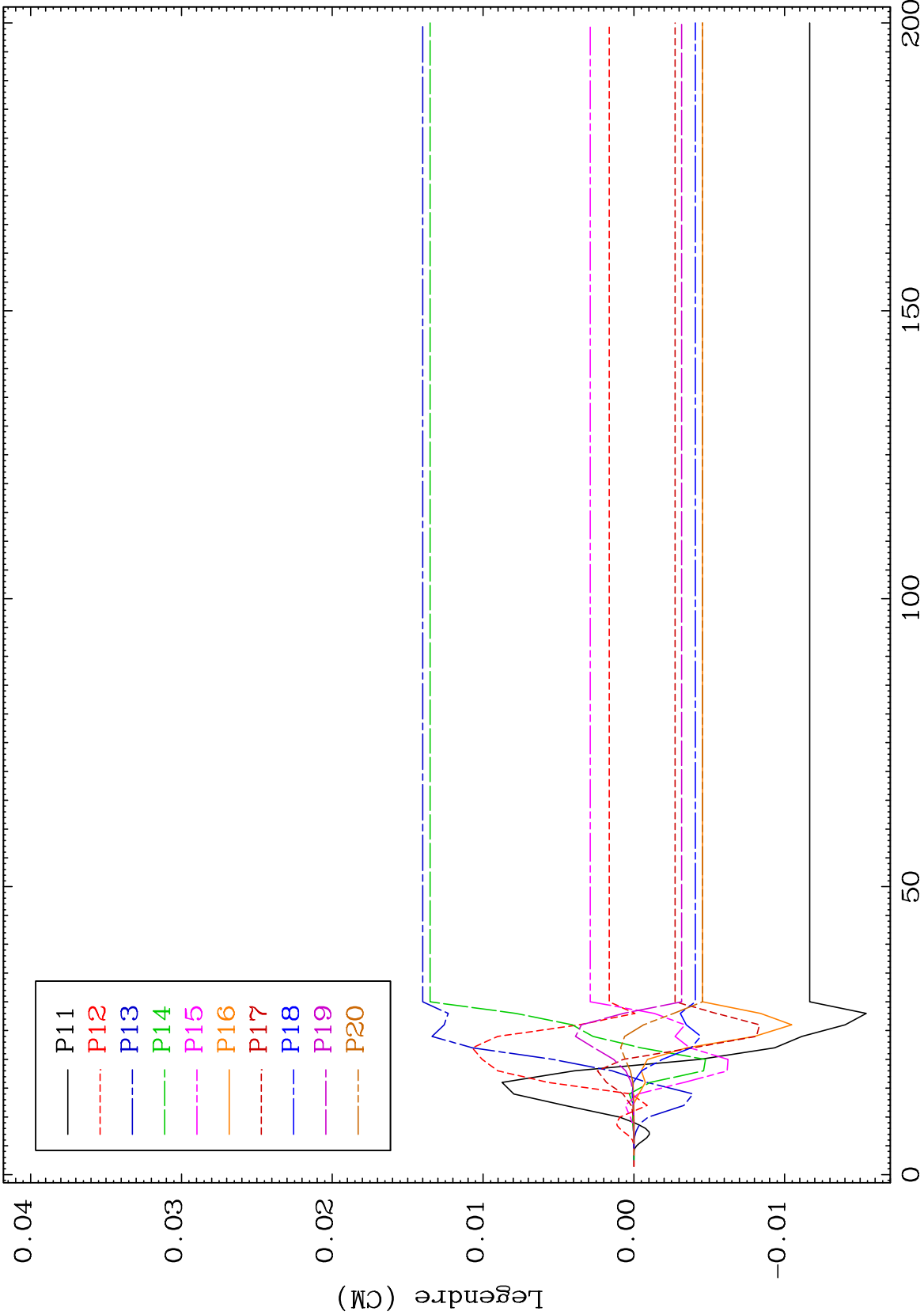
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



49

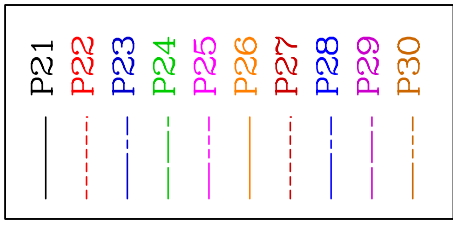
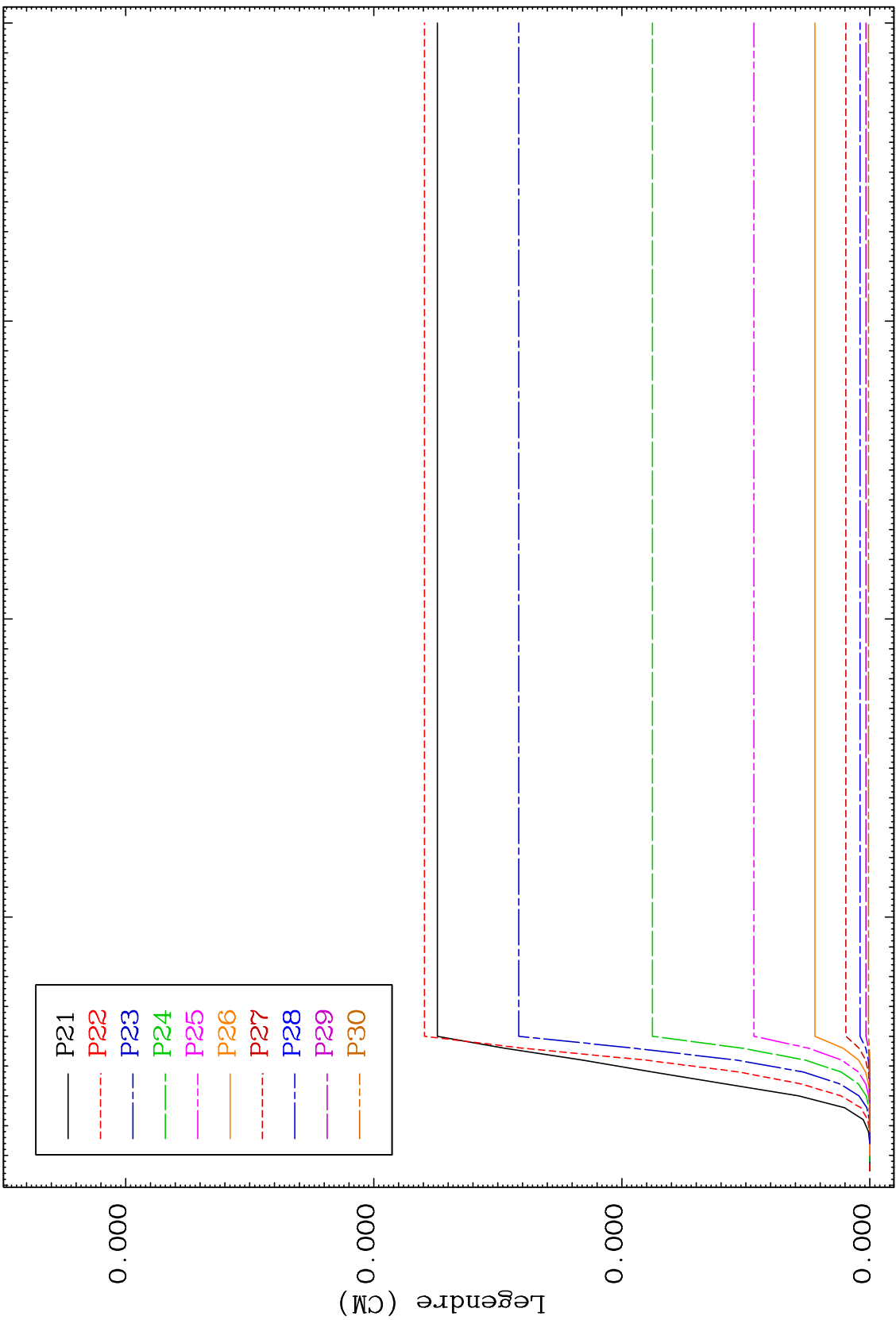
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



0.000

Legendre (CM)

0.000

0.000

50

100

150

200

50

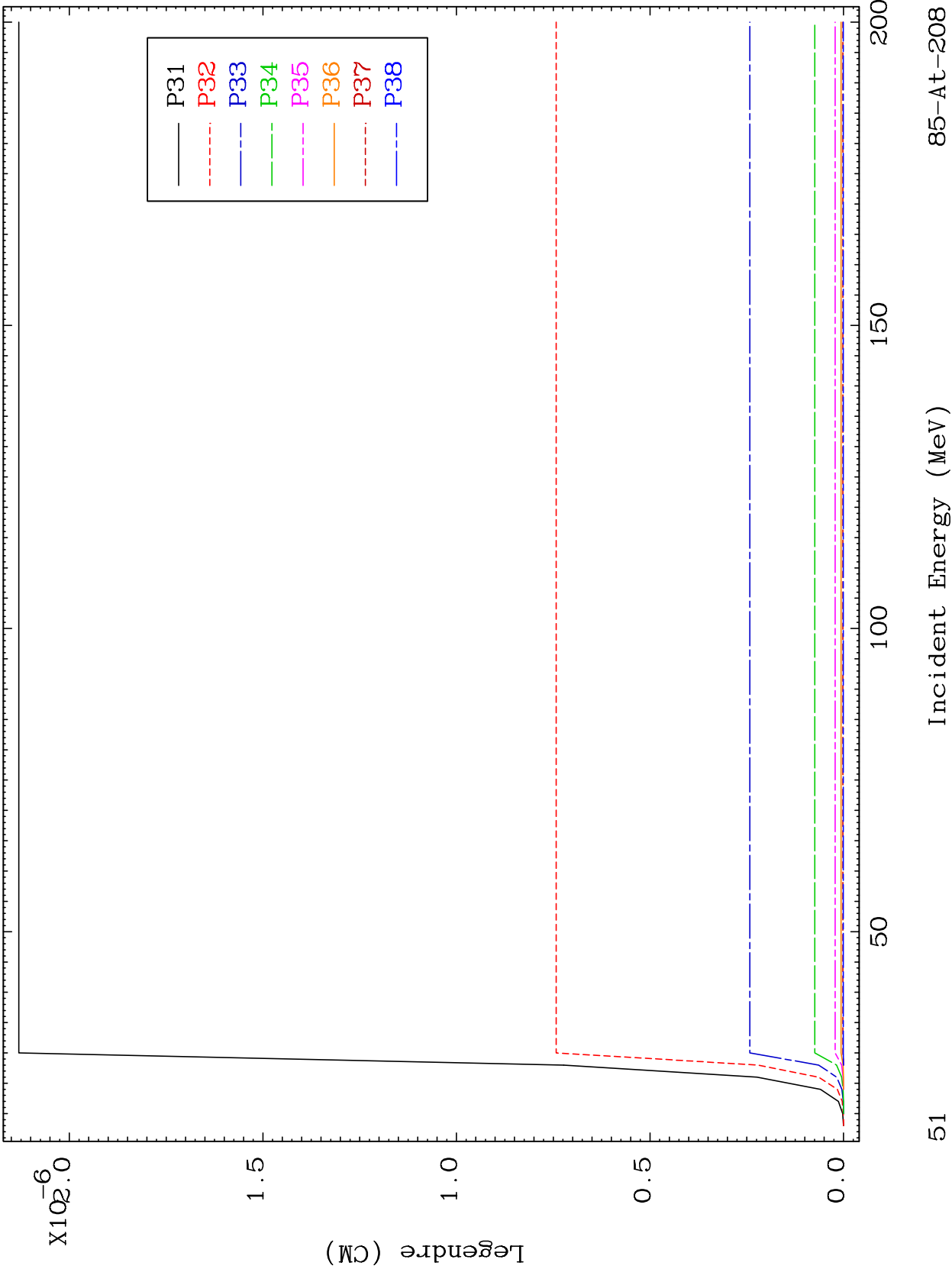
Incident Energy (MeV)

85-At-208

MAT 8540

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

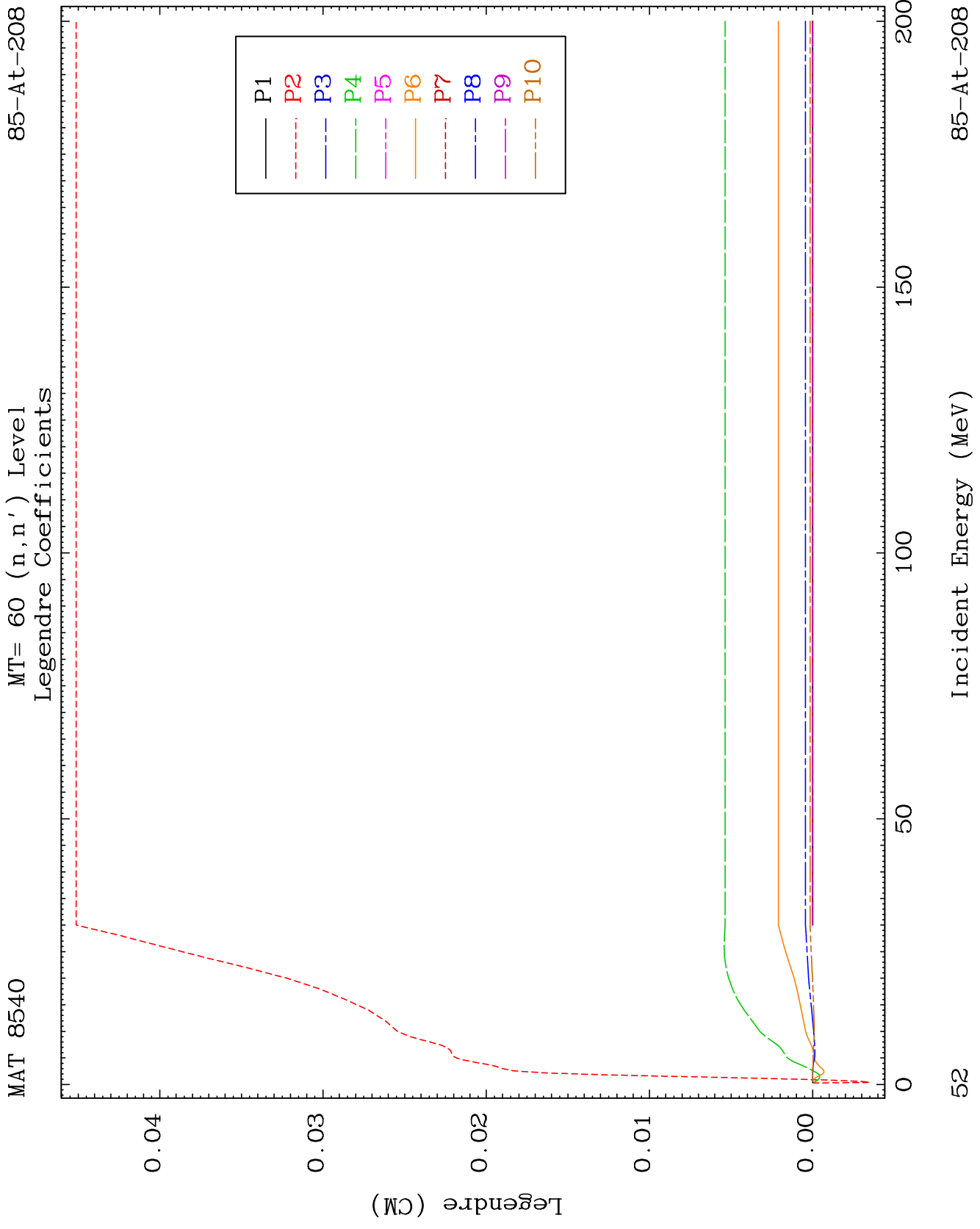
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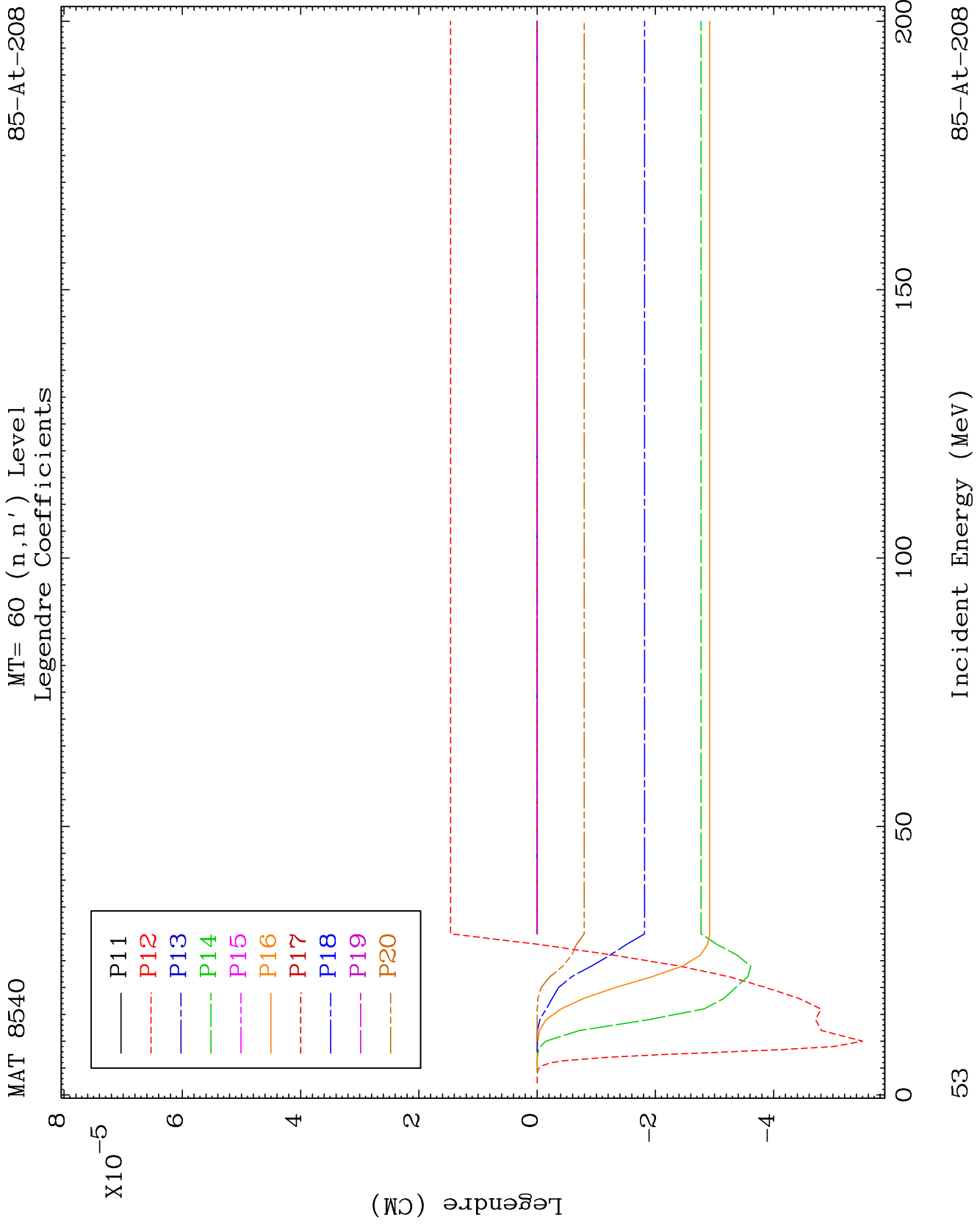


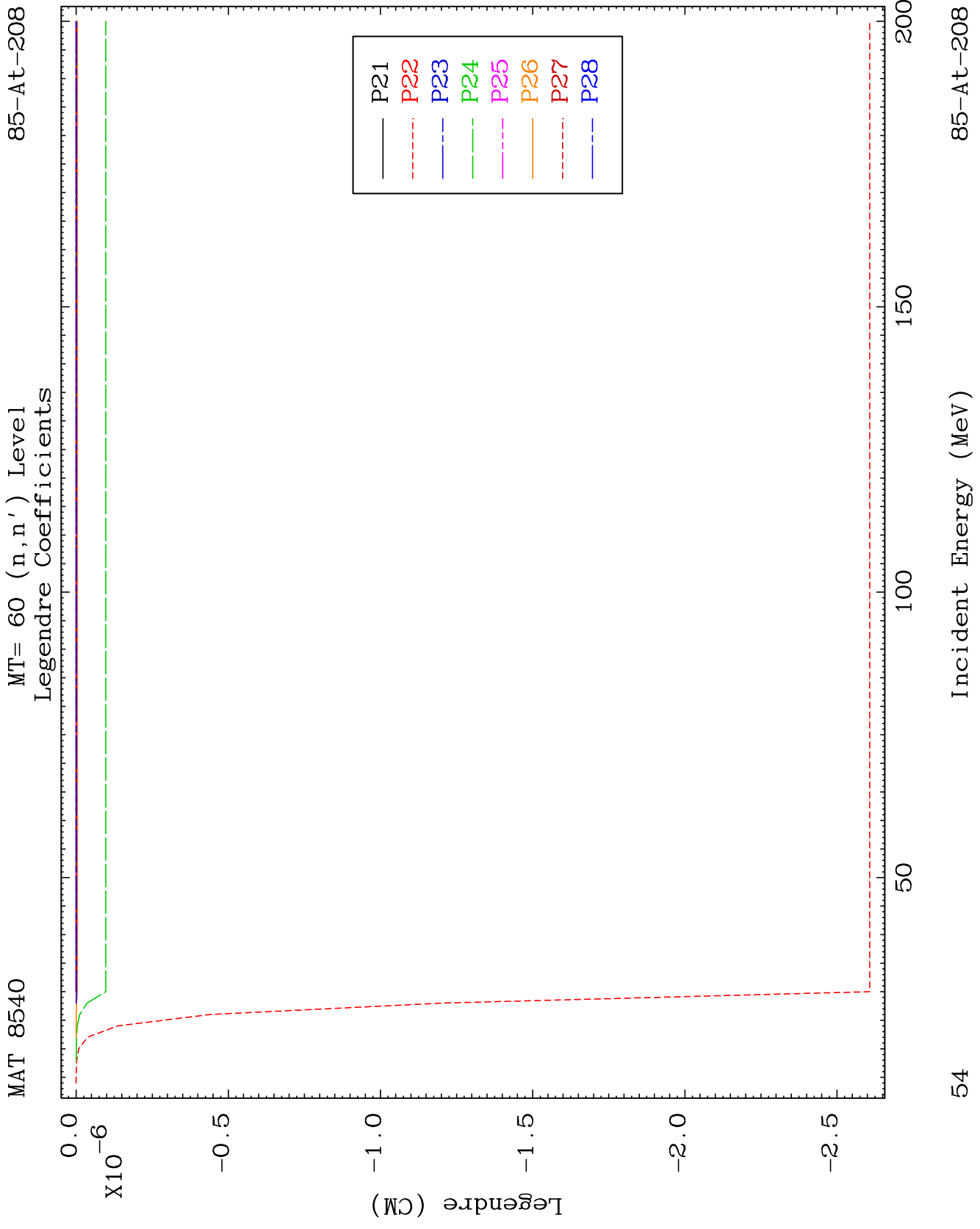
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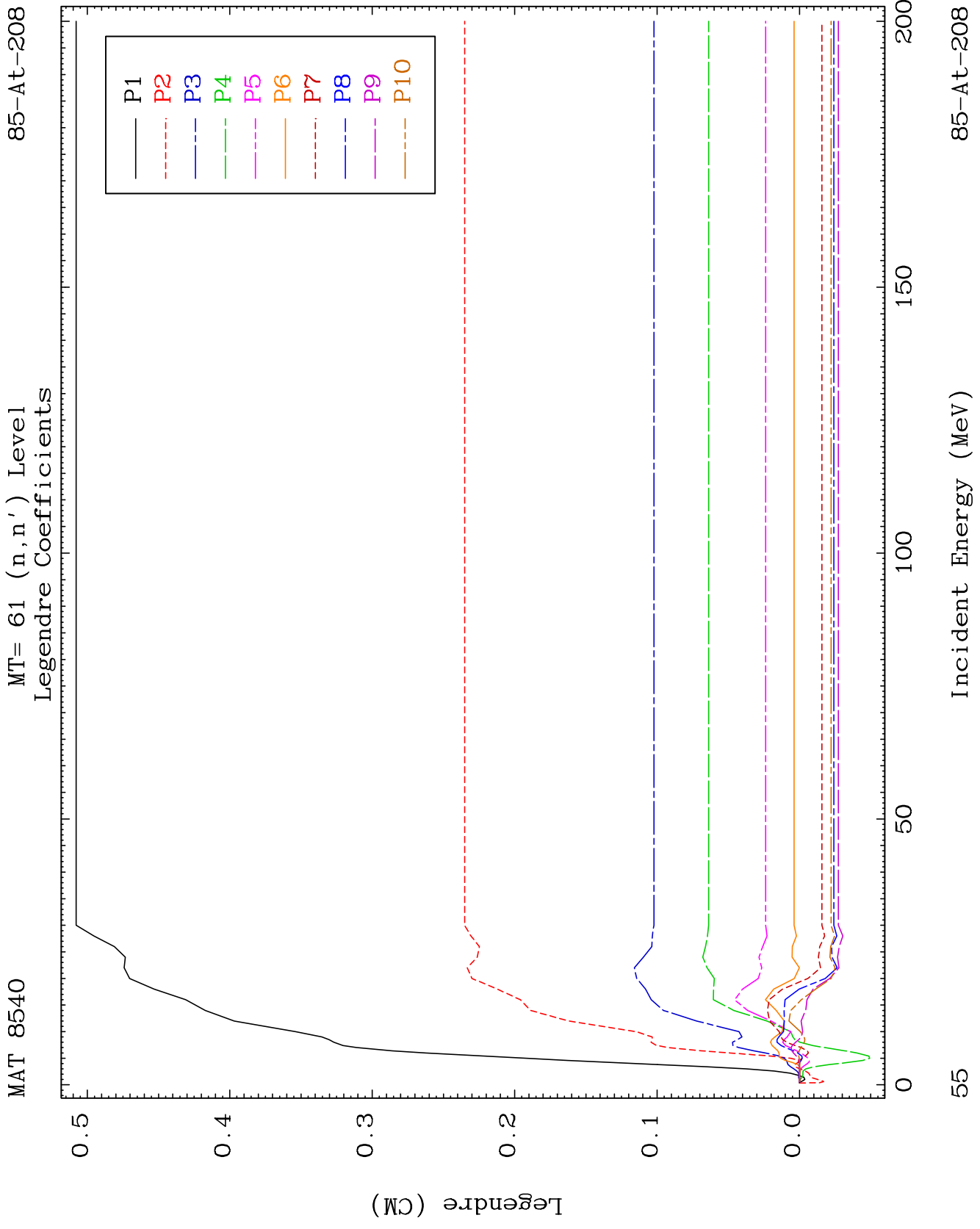
Incident Energy (MeV)

85-At-208







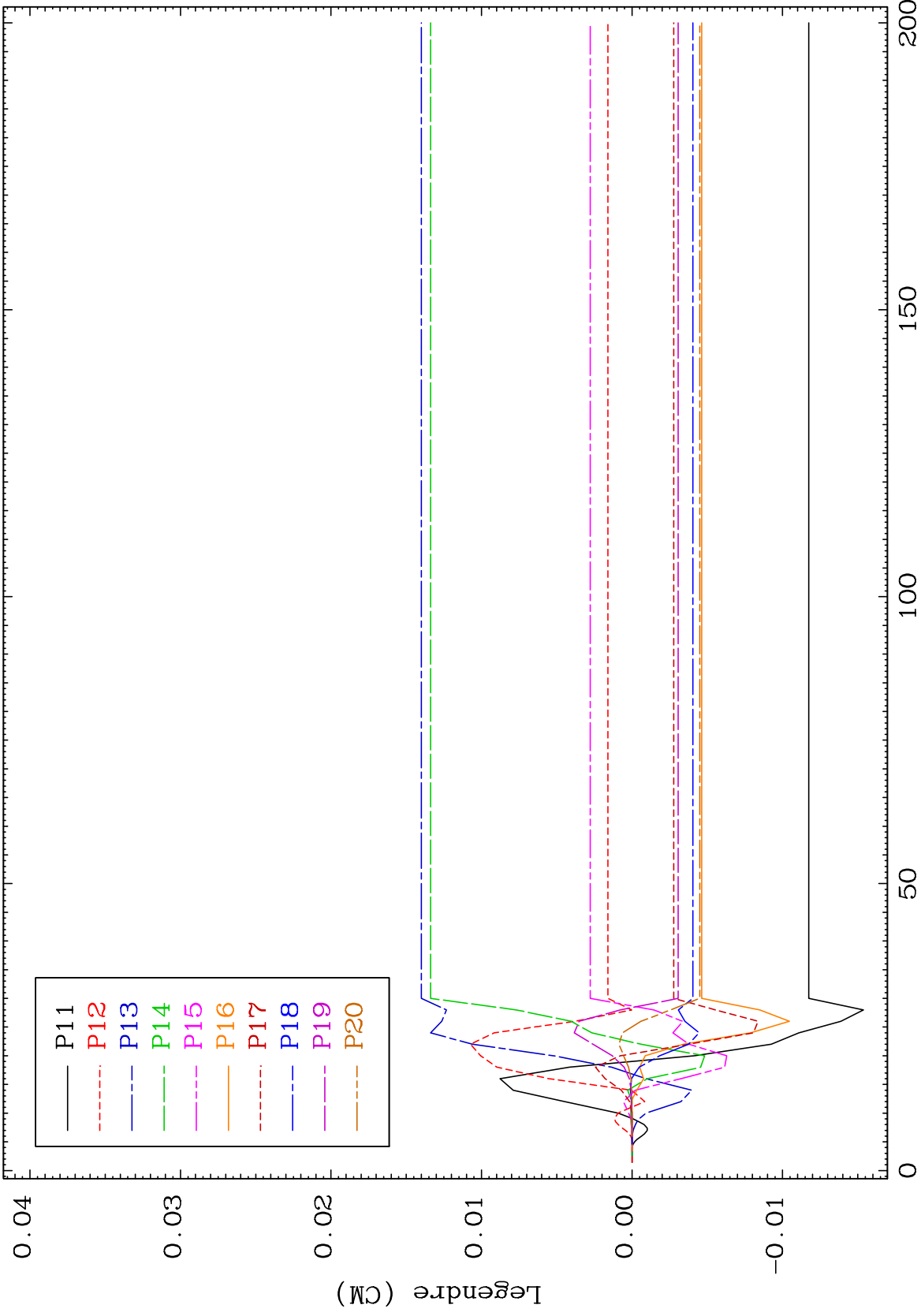




MAT 8540

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

85-At-208



56

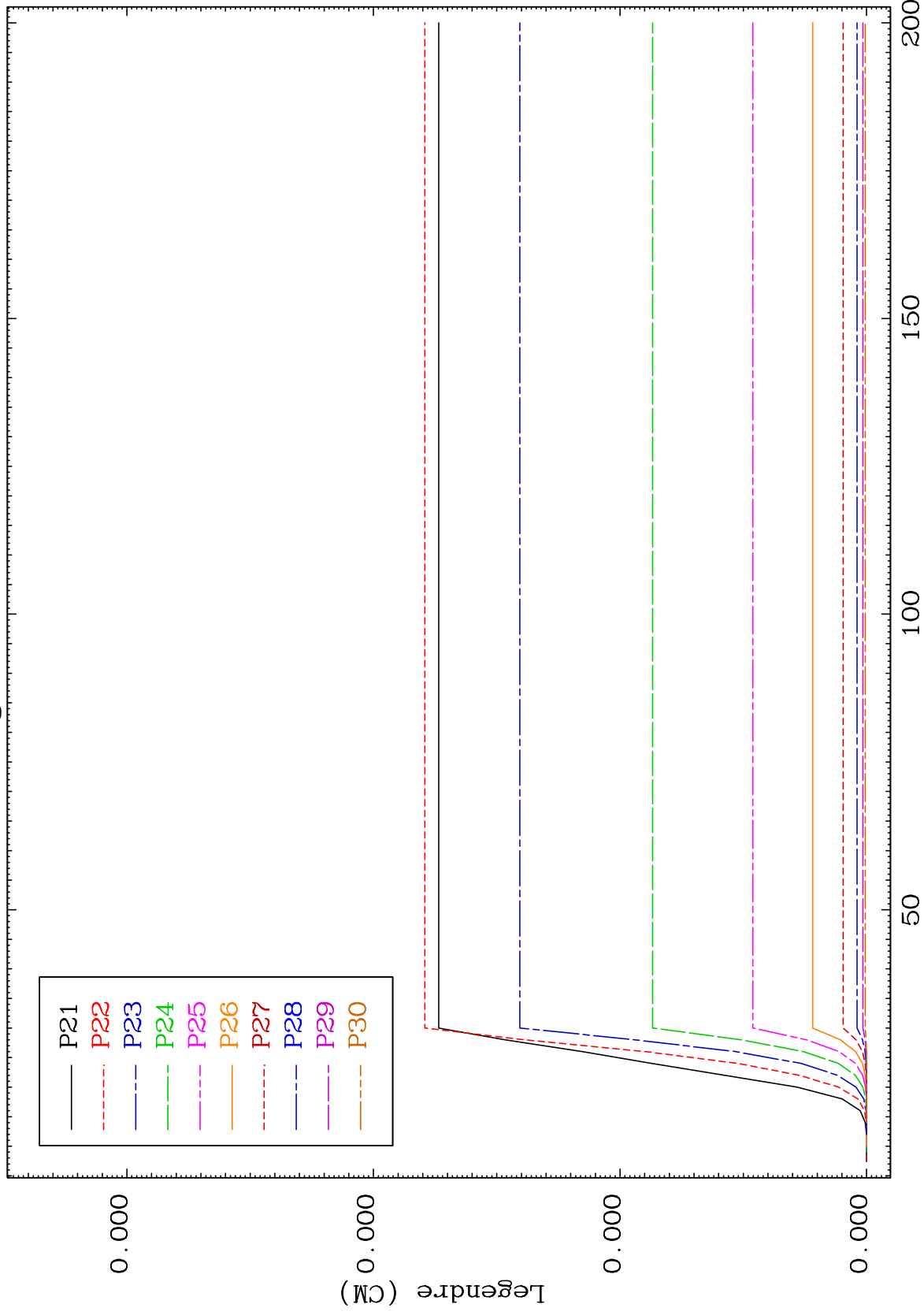
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



57

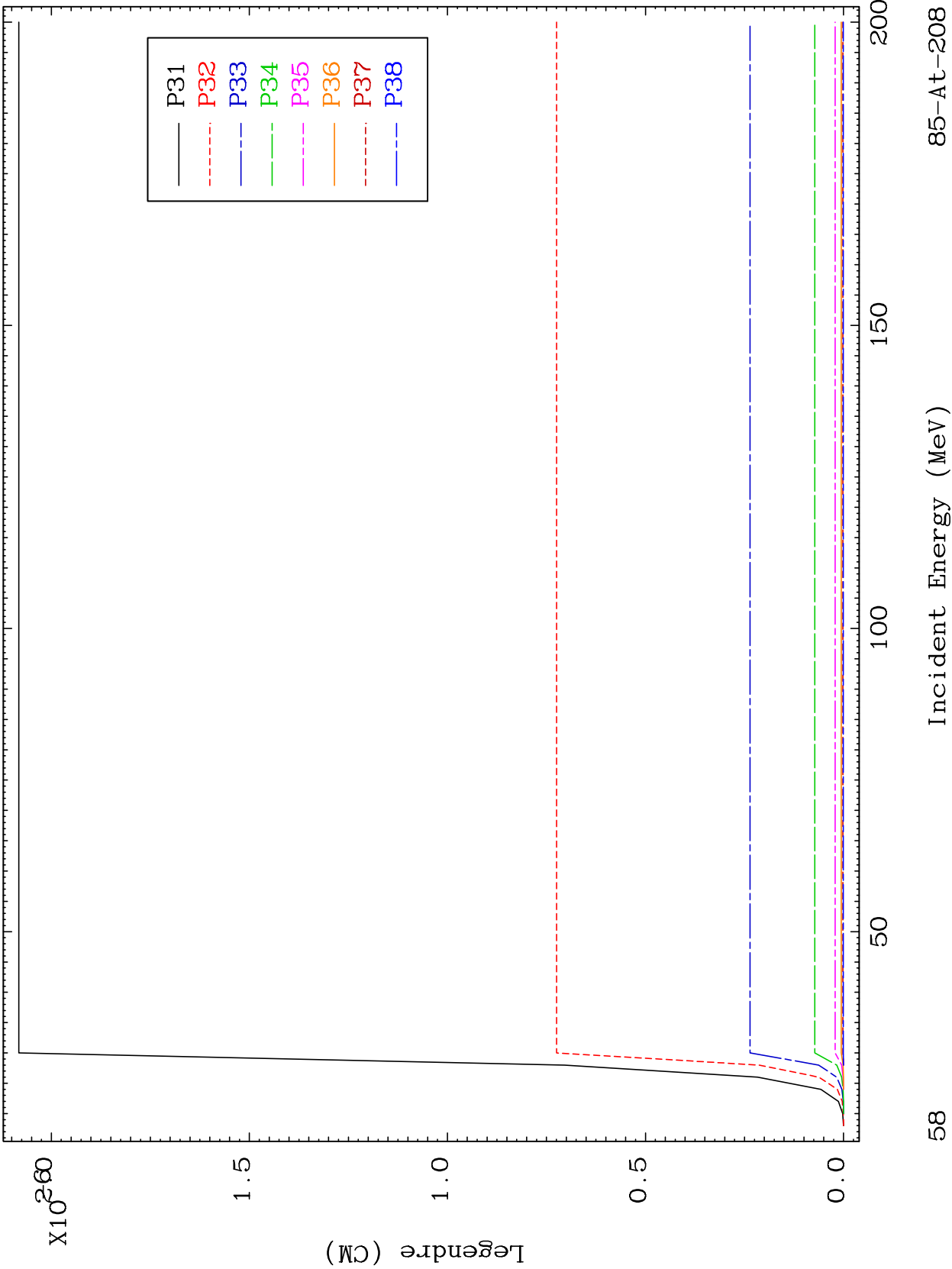
Incident Energy (MeV)

85-At-208

MAT 8540

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

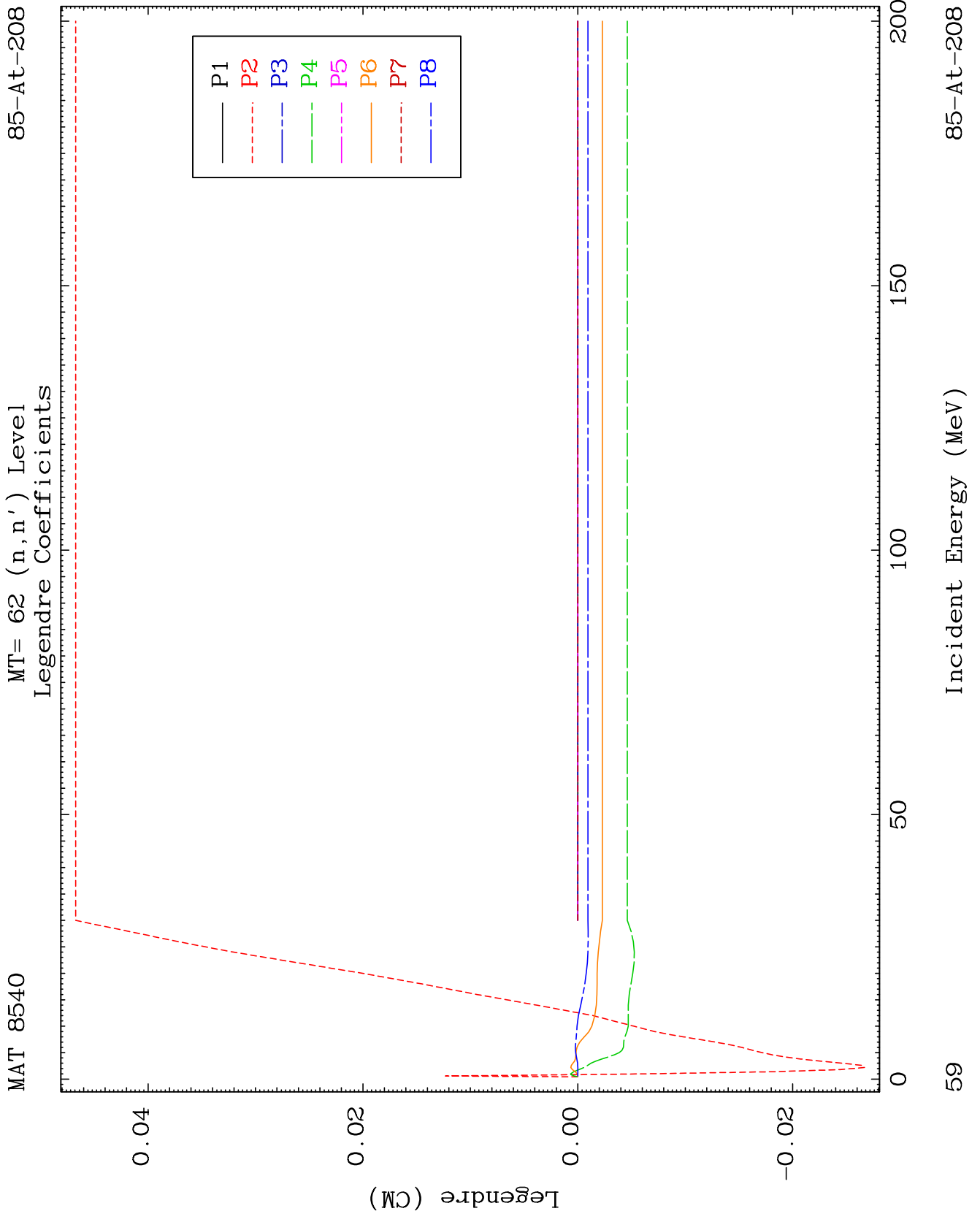
85-At-208

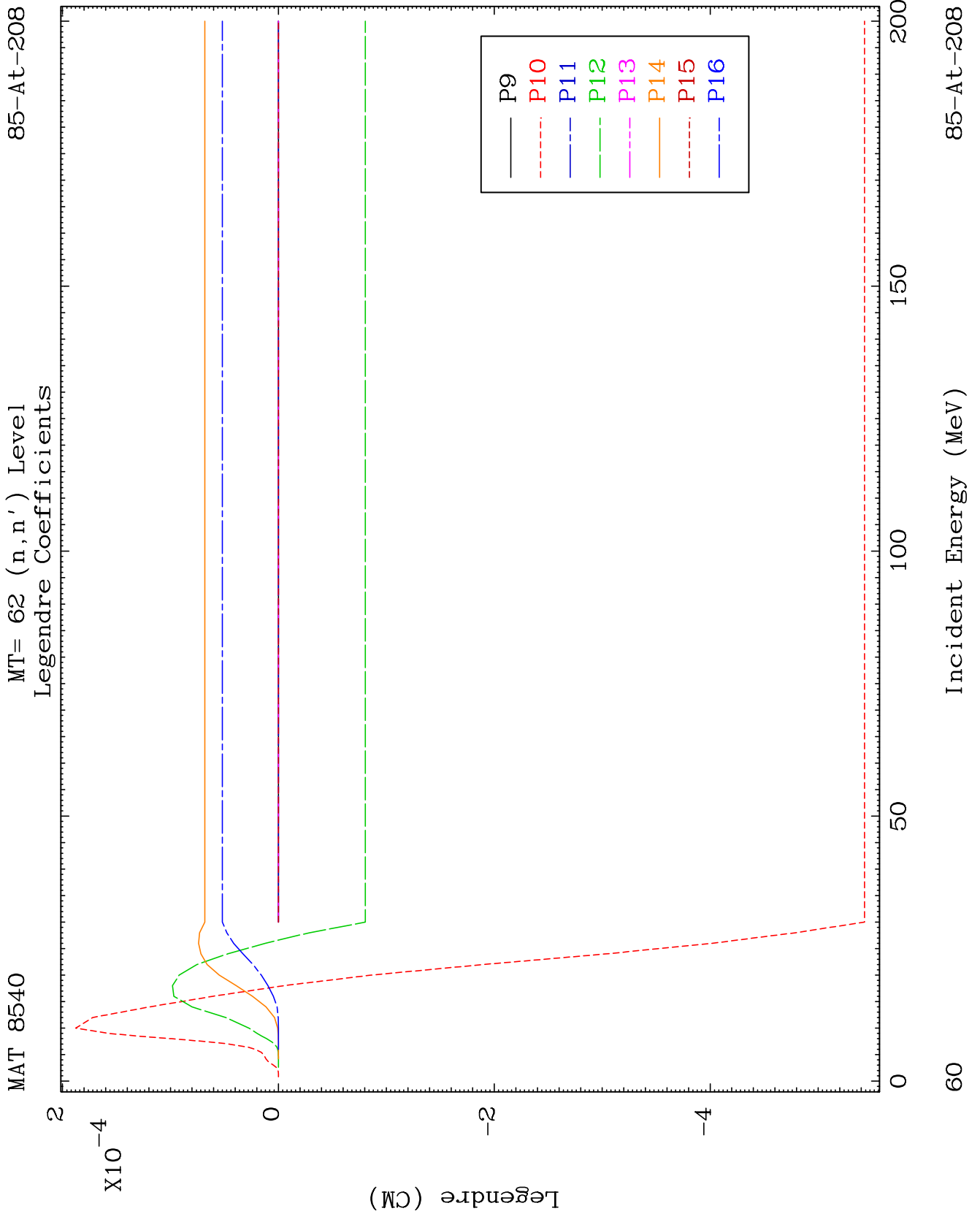


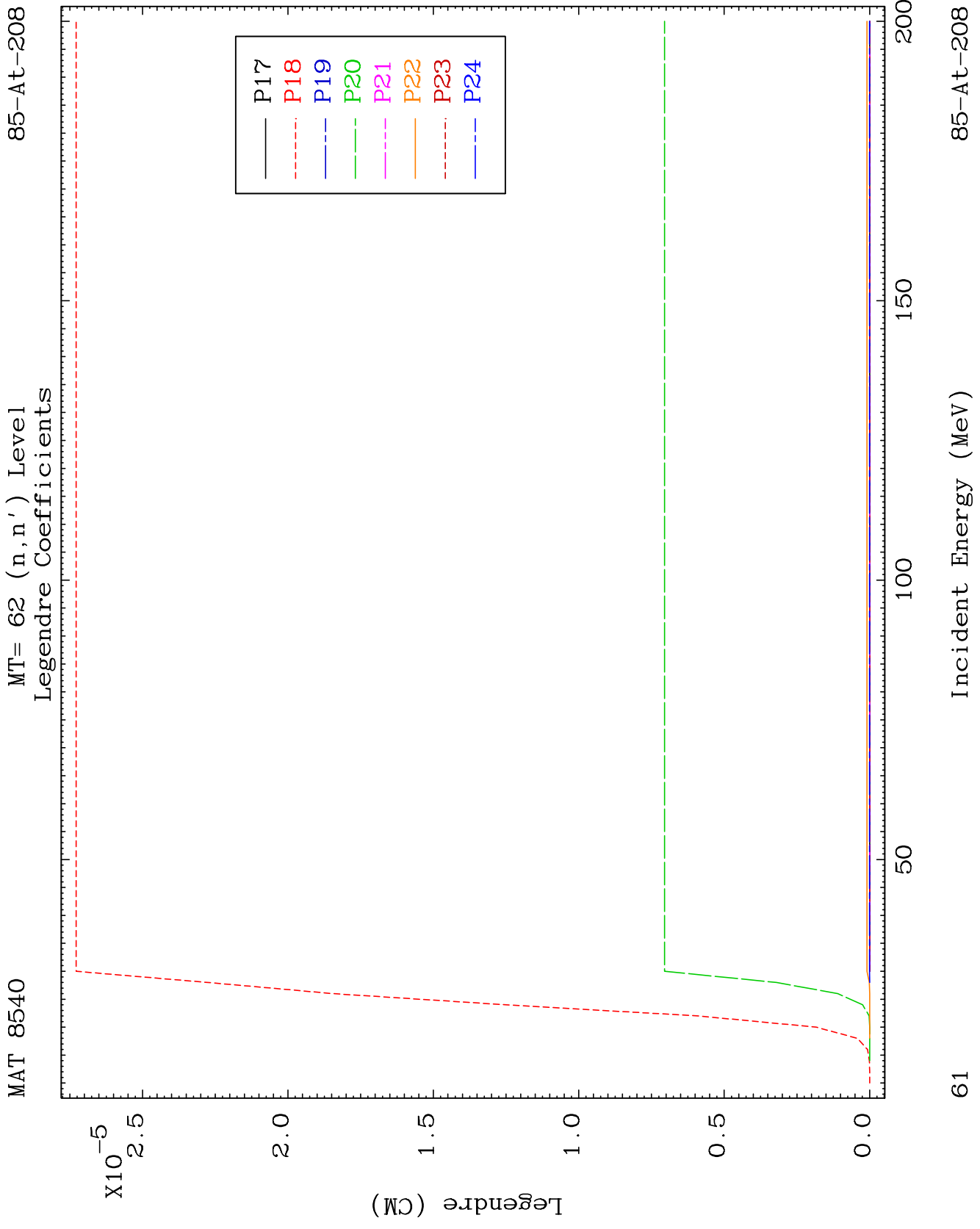
58

Incident Energy (MeV)

85-At-208



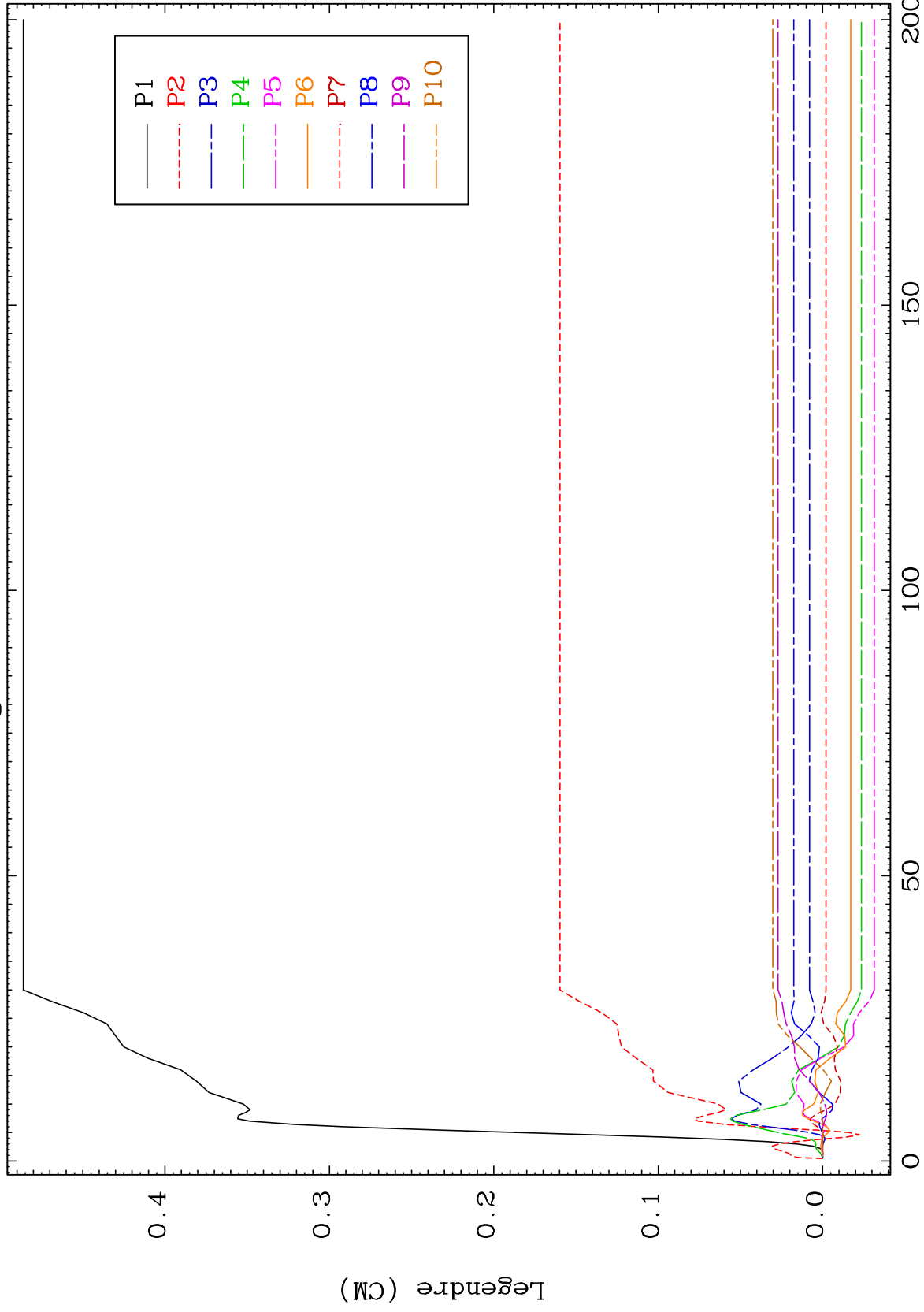




MAT 8540

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

85-At-208



Incident Energy (MeV)

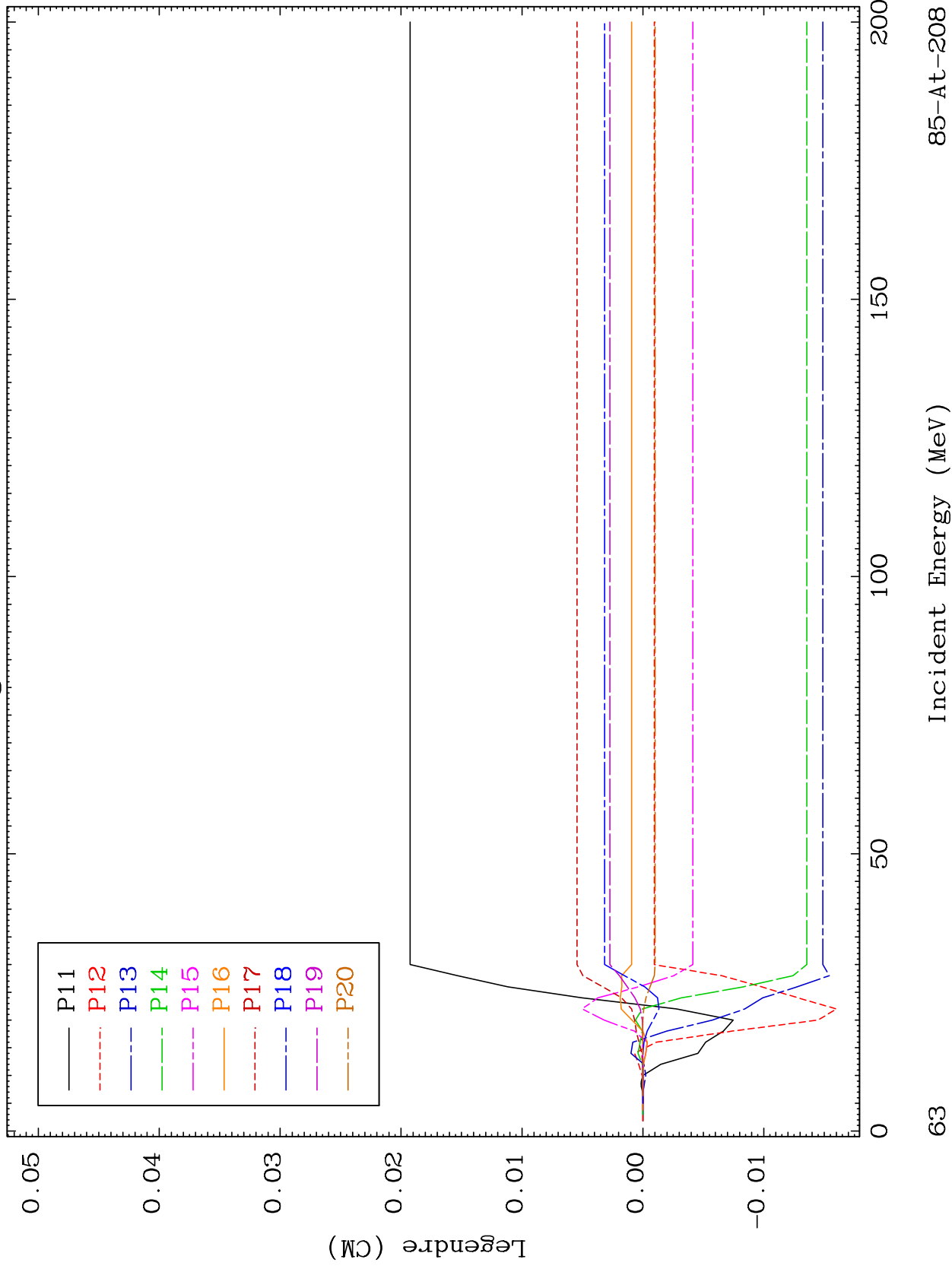
85-At-208

62

MAT 8540

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

85-At-208



85-At-208

Incident Energy (MeV)

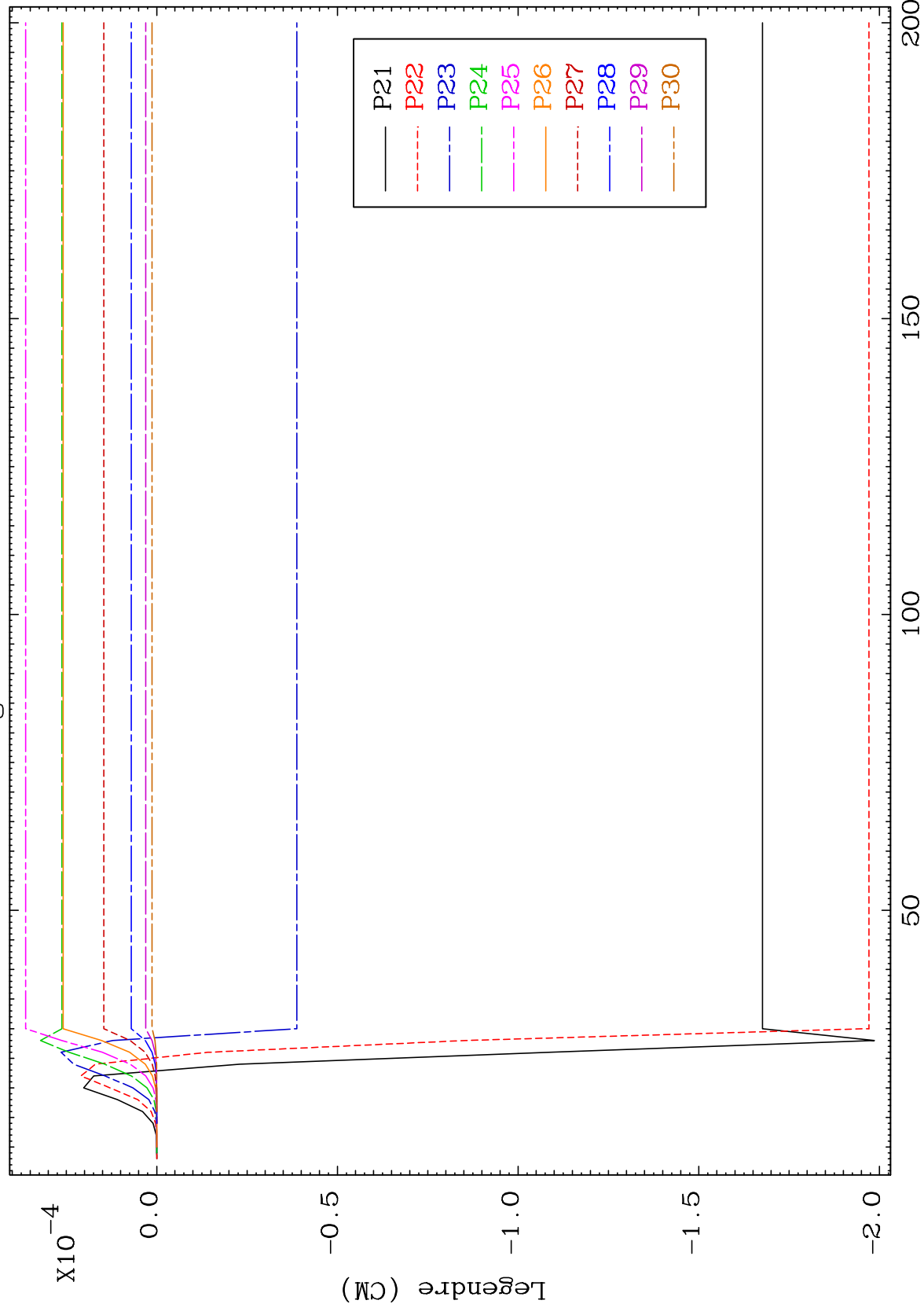
63



MAT 8540

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

85-At-208



64

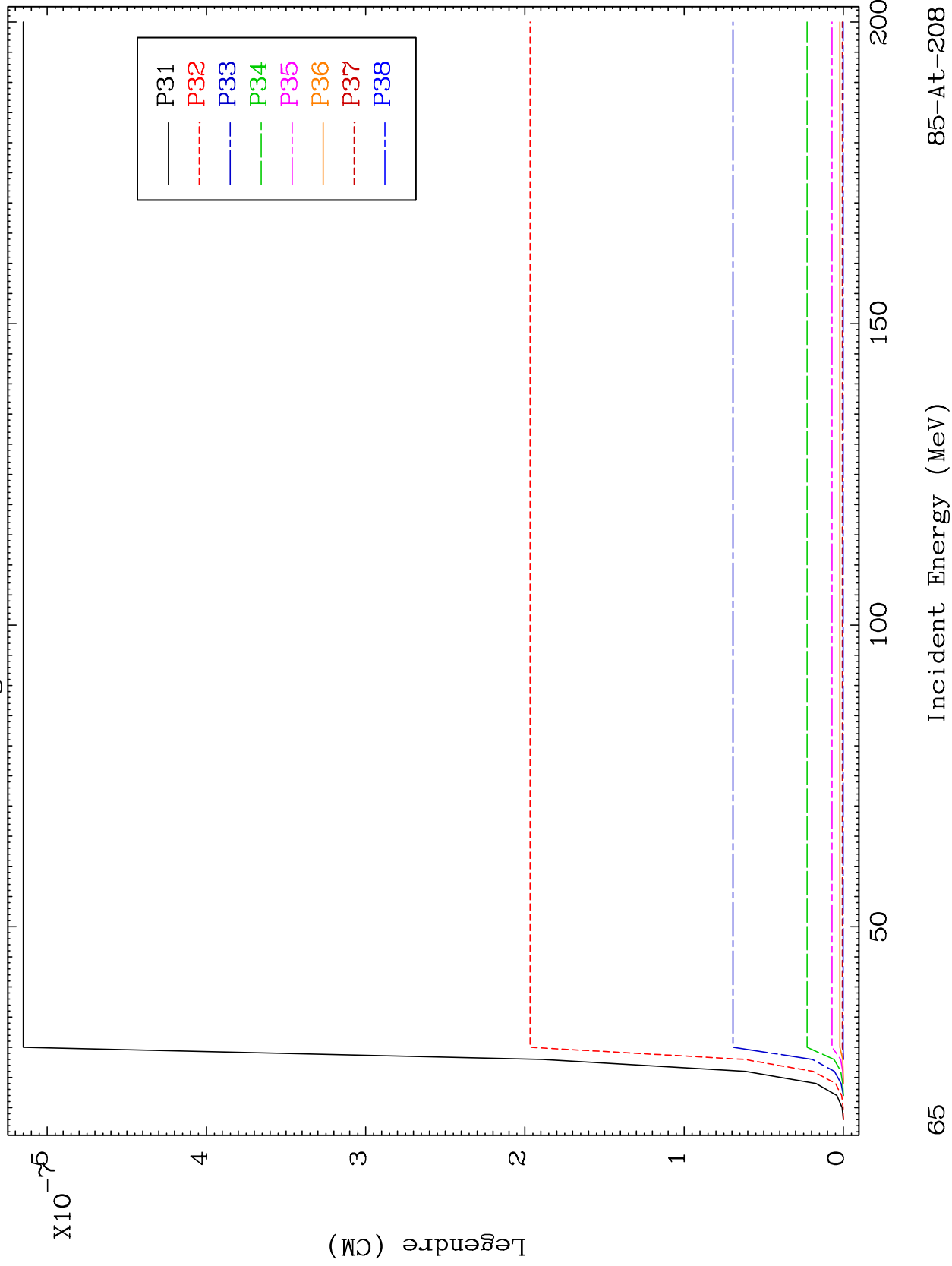
Incident Energy (MeV)

85-At-208

MAT 8540

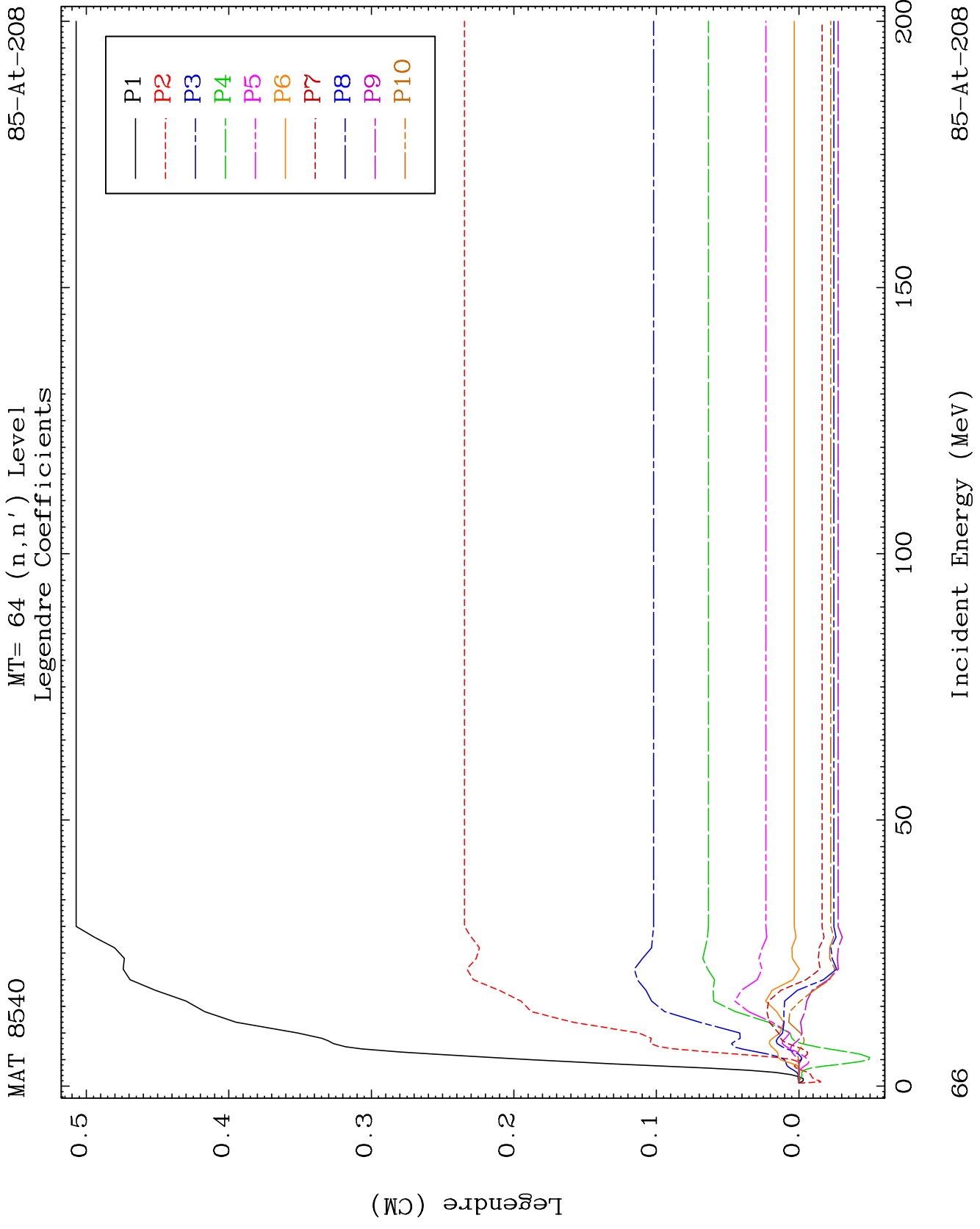
MT= 63 (n,n') Level  
Legendre Coefficients

85-At-208



65

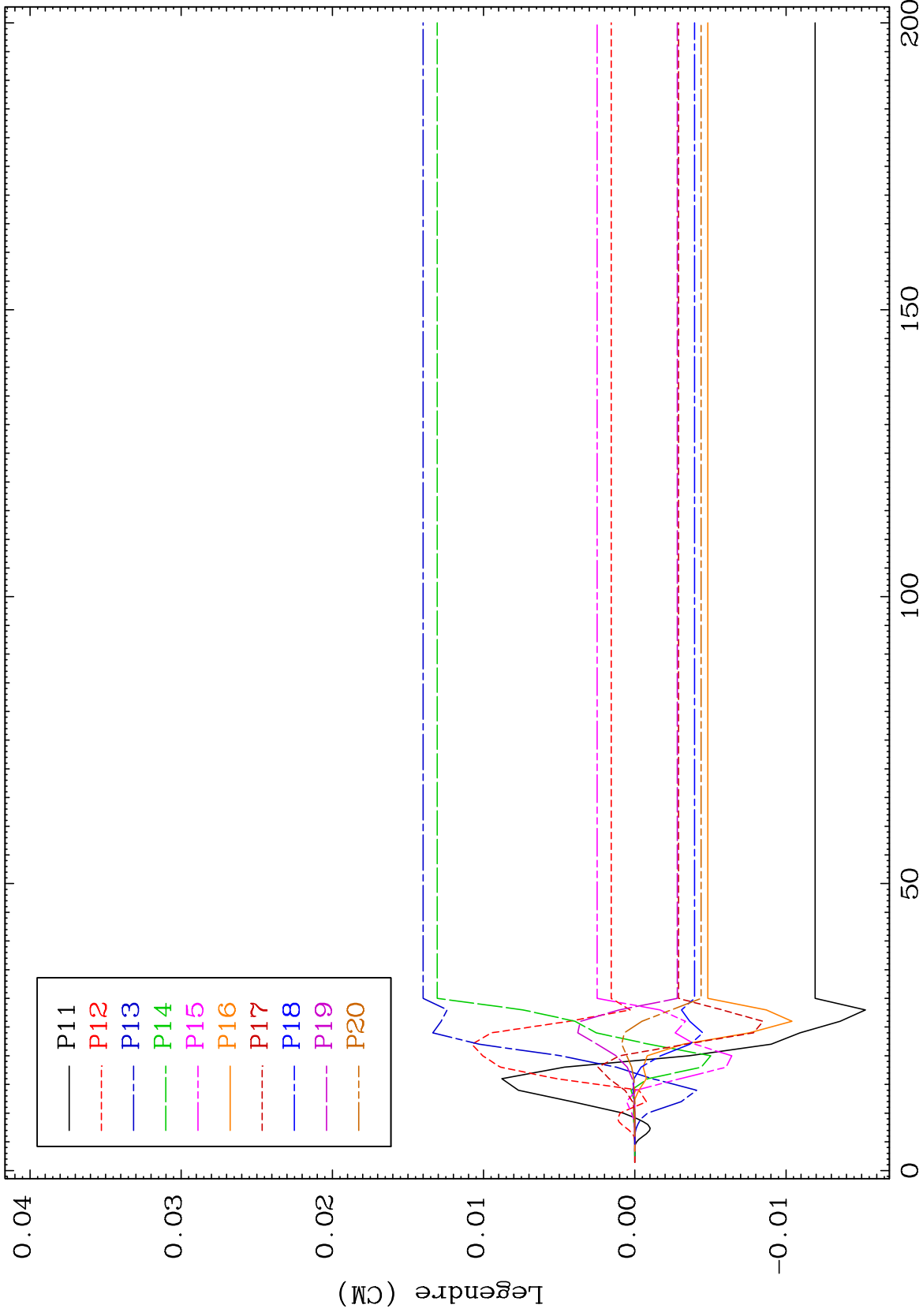
85-At-208



MAT 8540

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

85-At-208



67

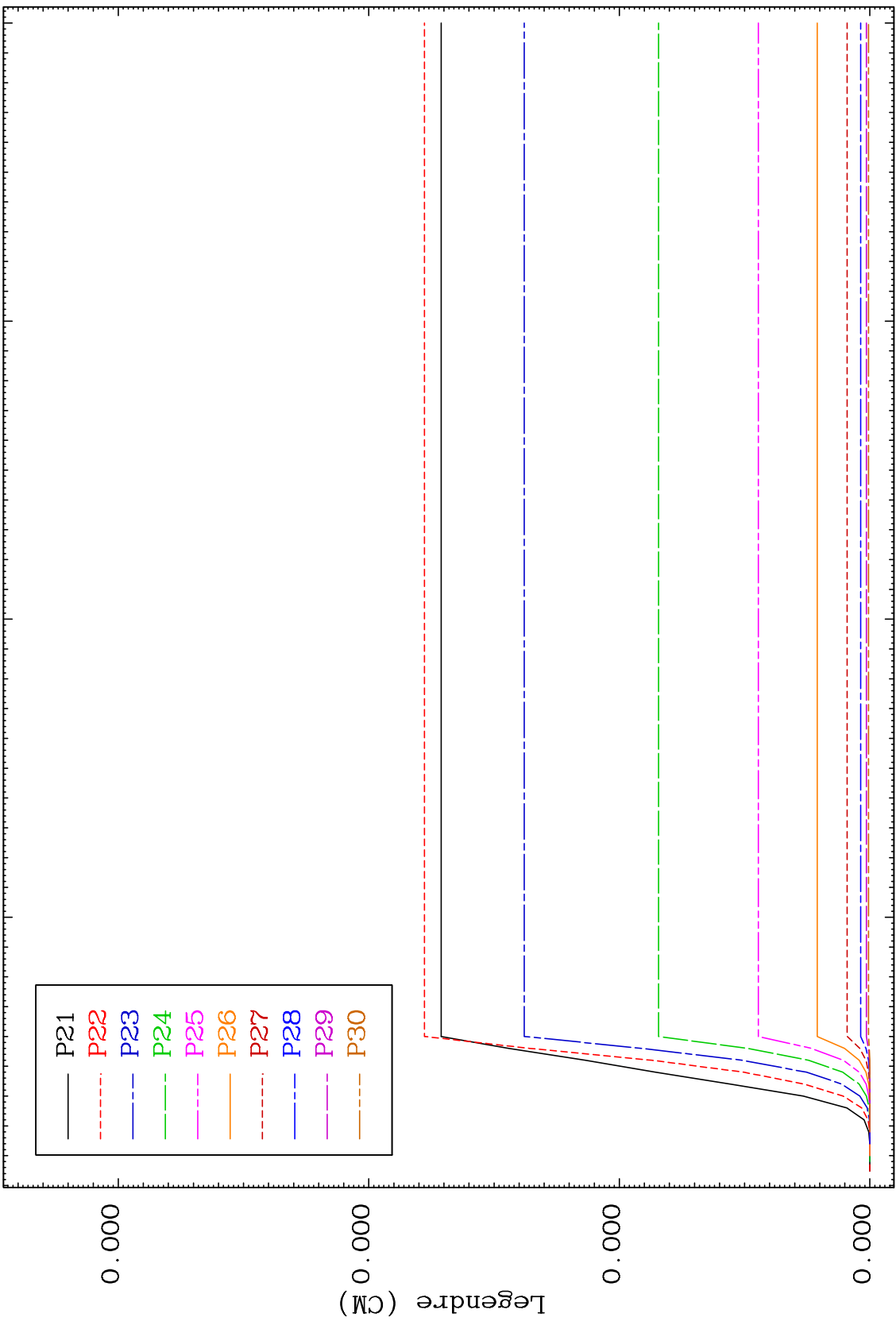
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



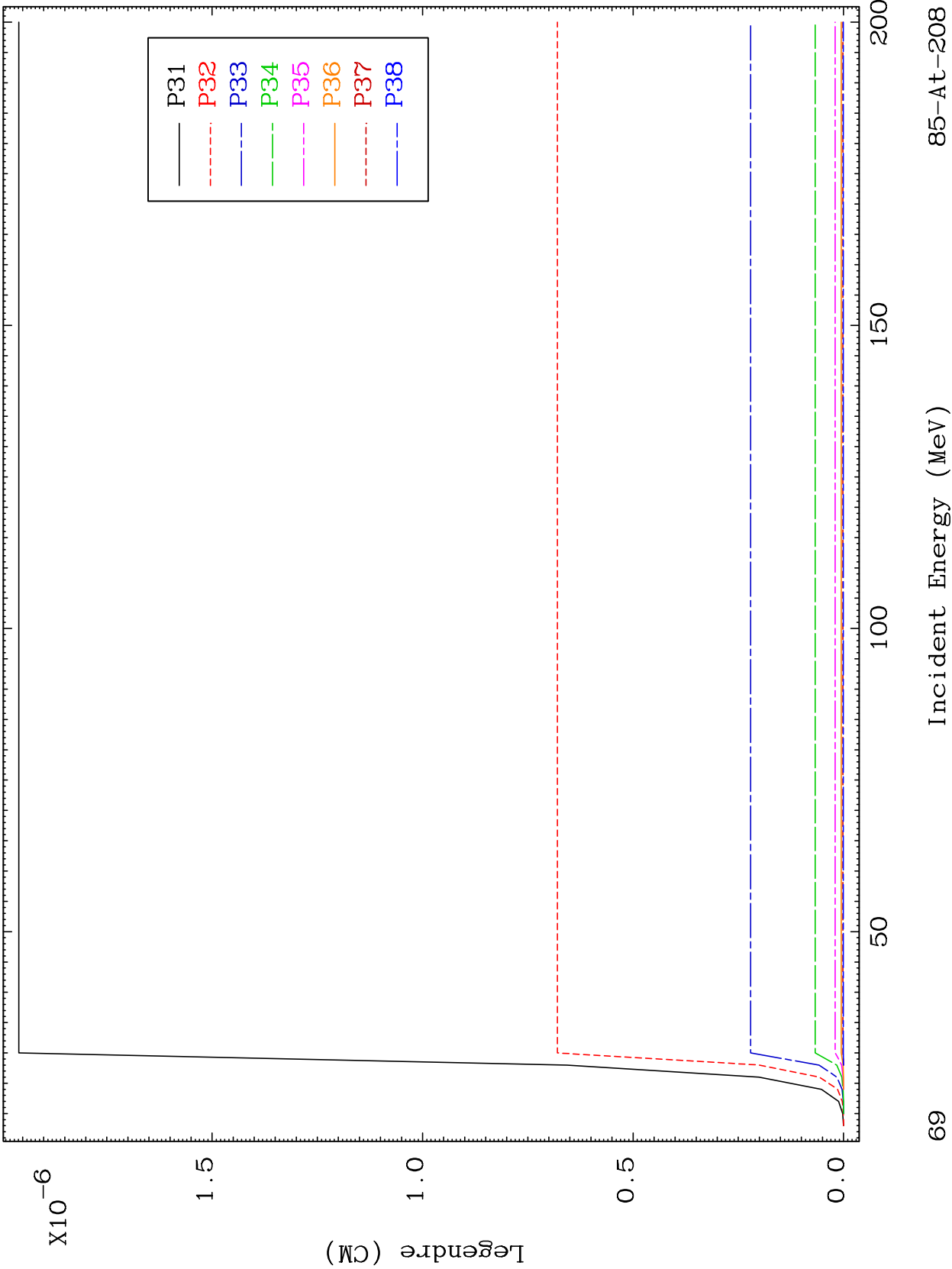
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85-At-208

MAT 8540

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

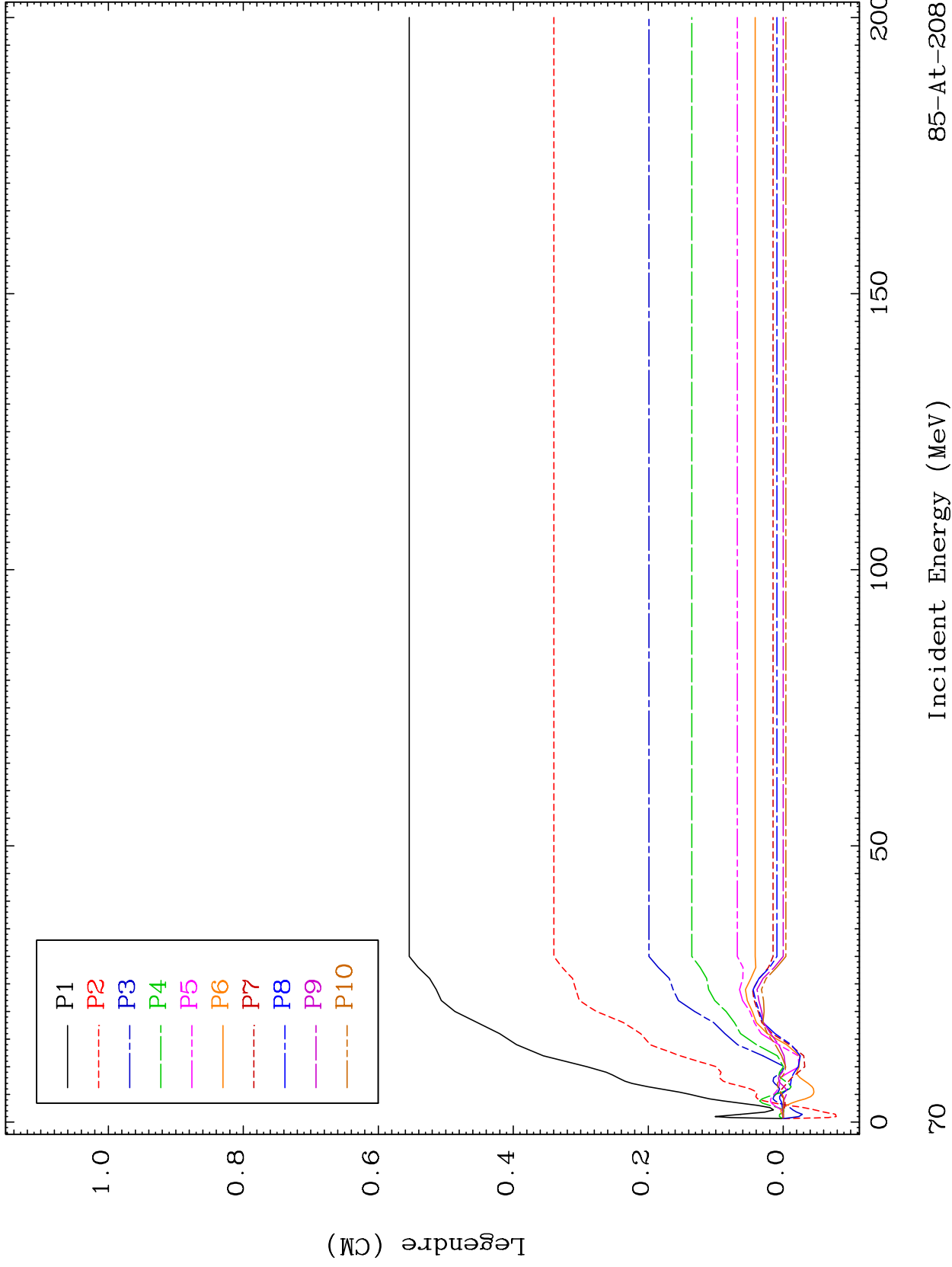
85-At-208

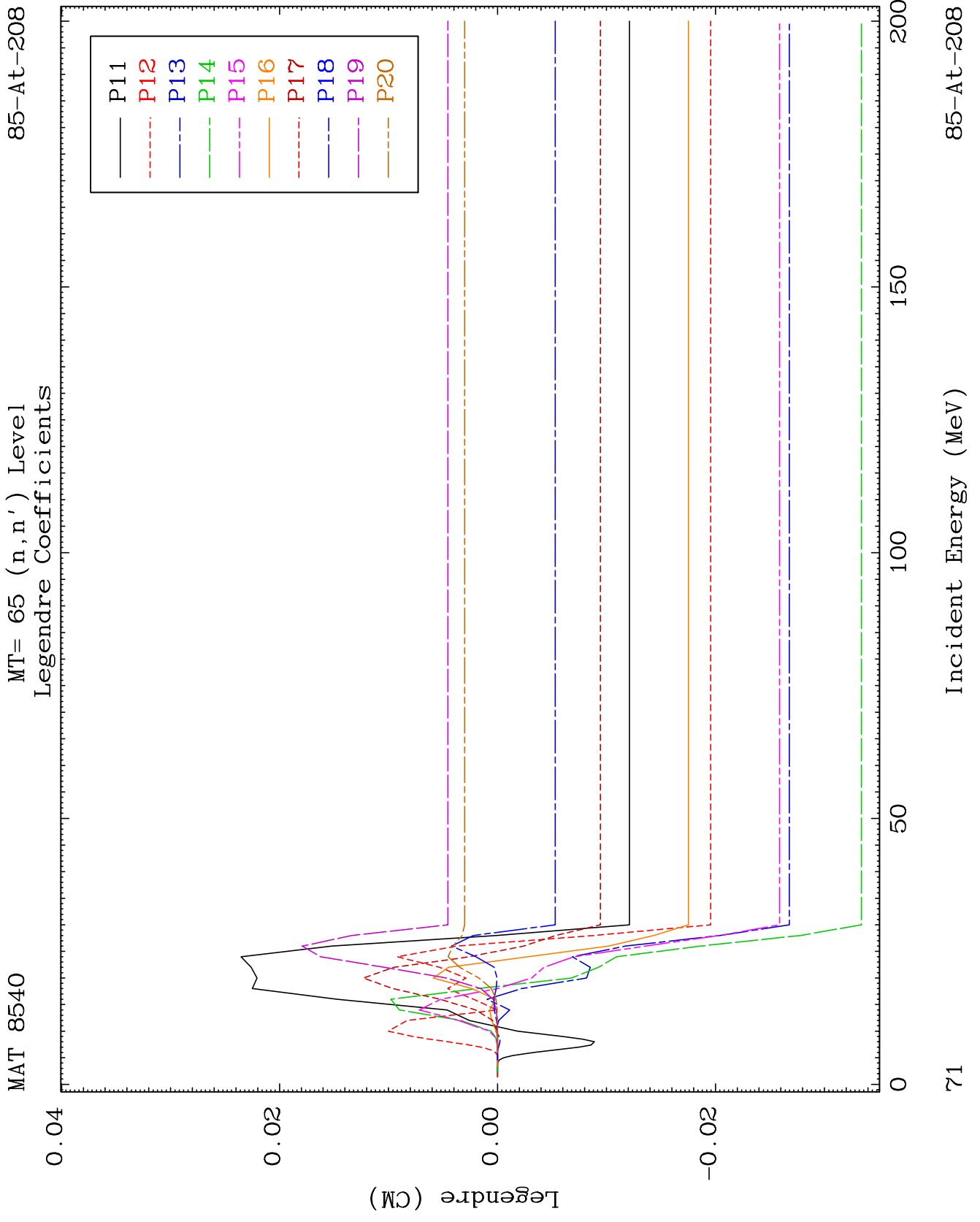


MAT 8540

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

85-At-208



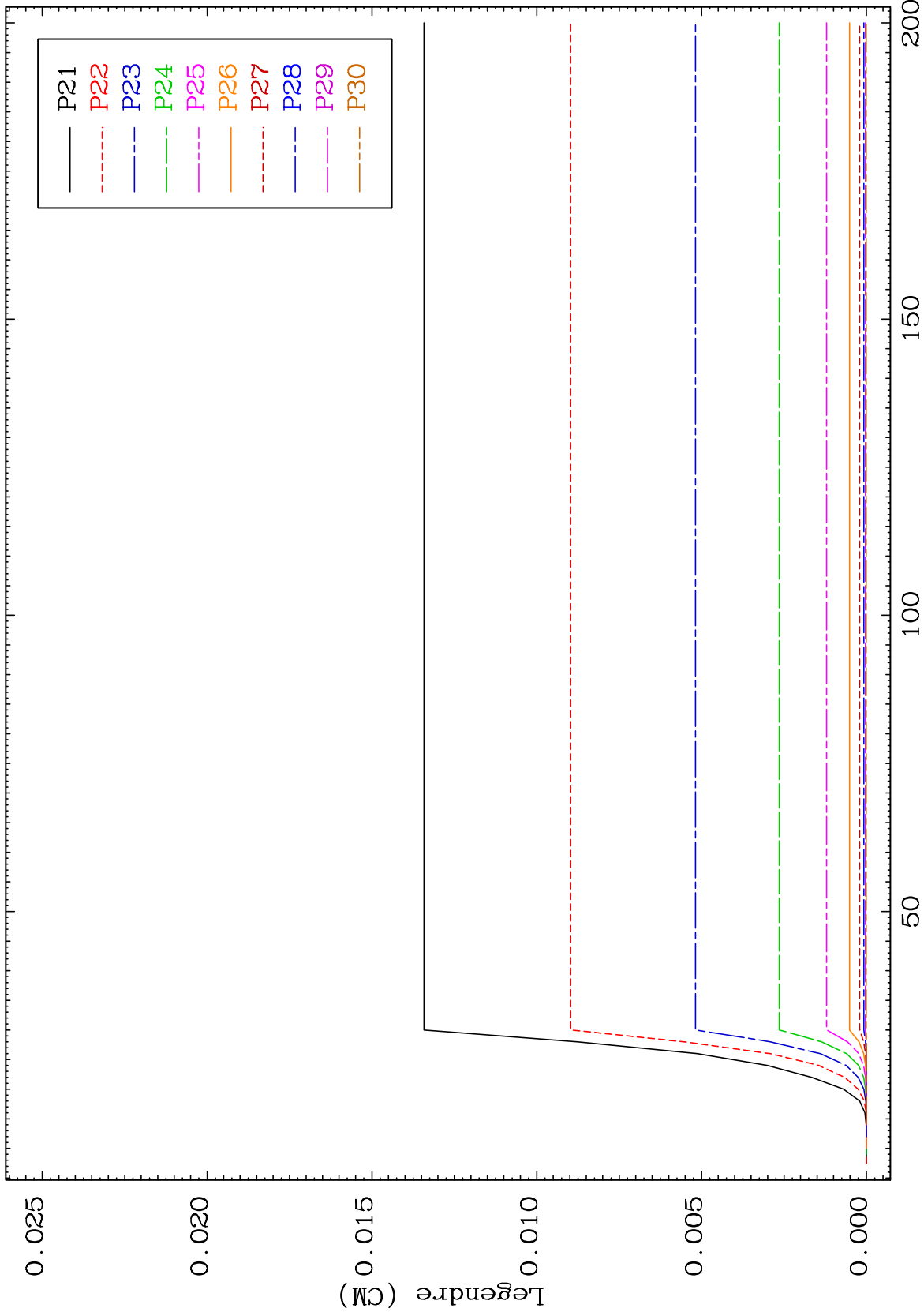




MAT 8540

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

85-At-208



72

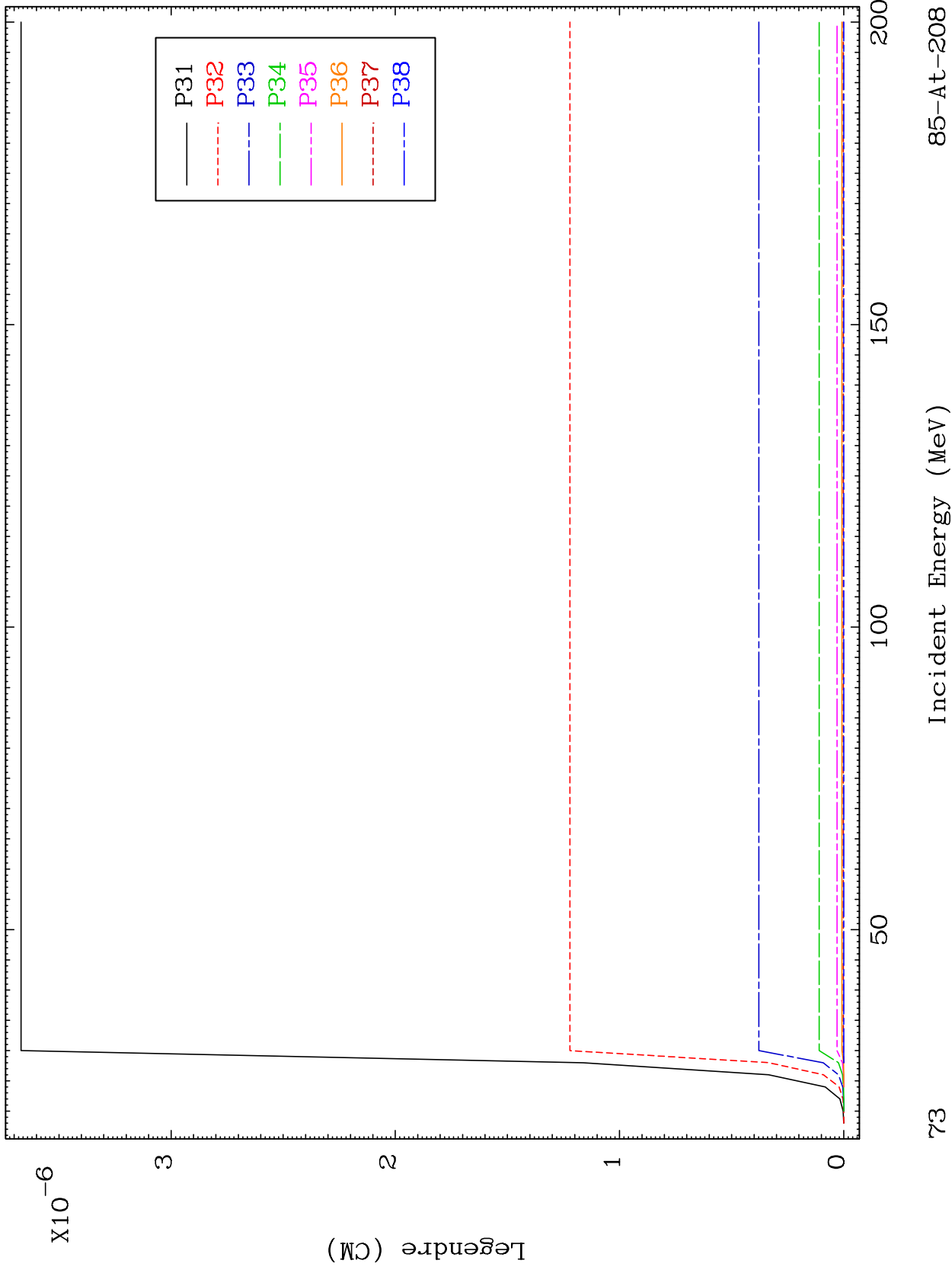
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



73

Incident Energy (MeV)

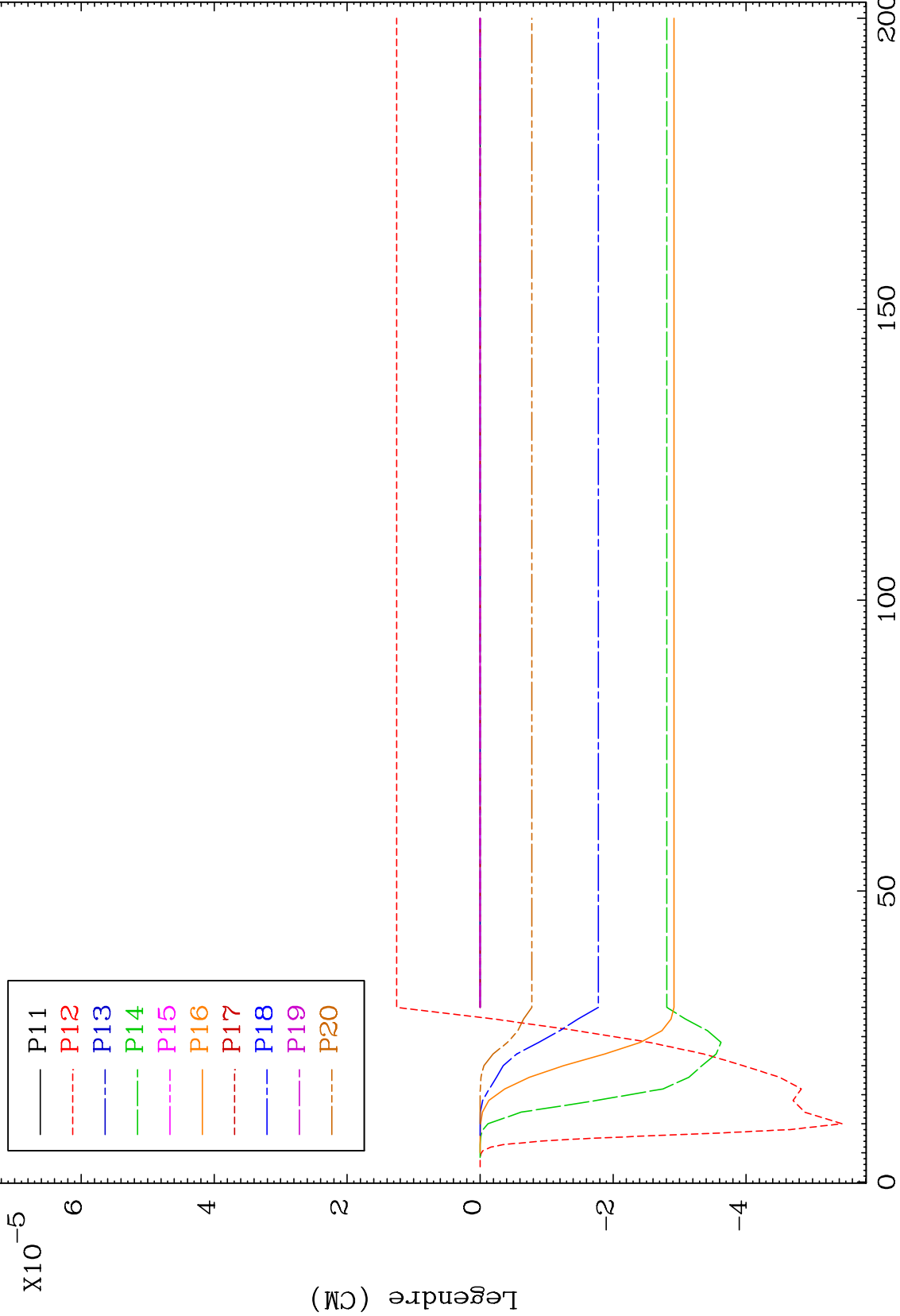
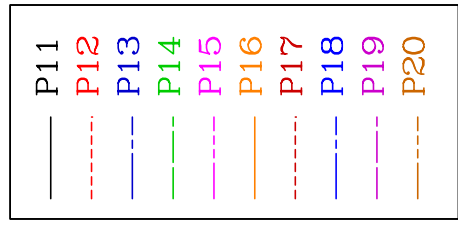
85-At-208



MAT 8540

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

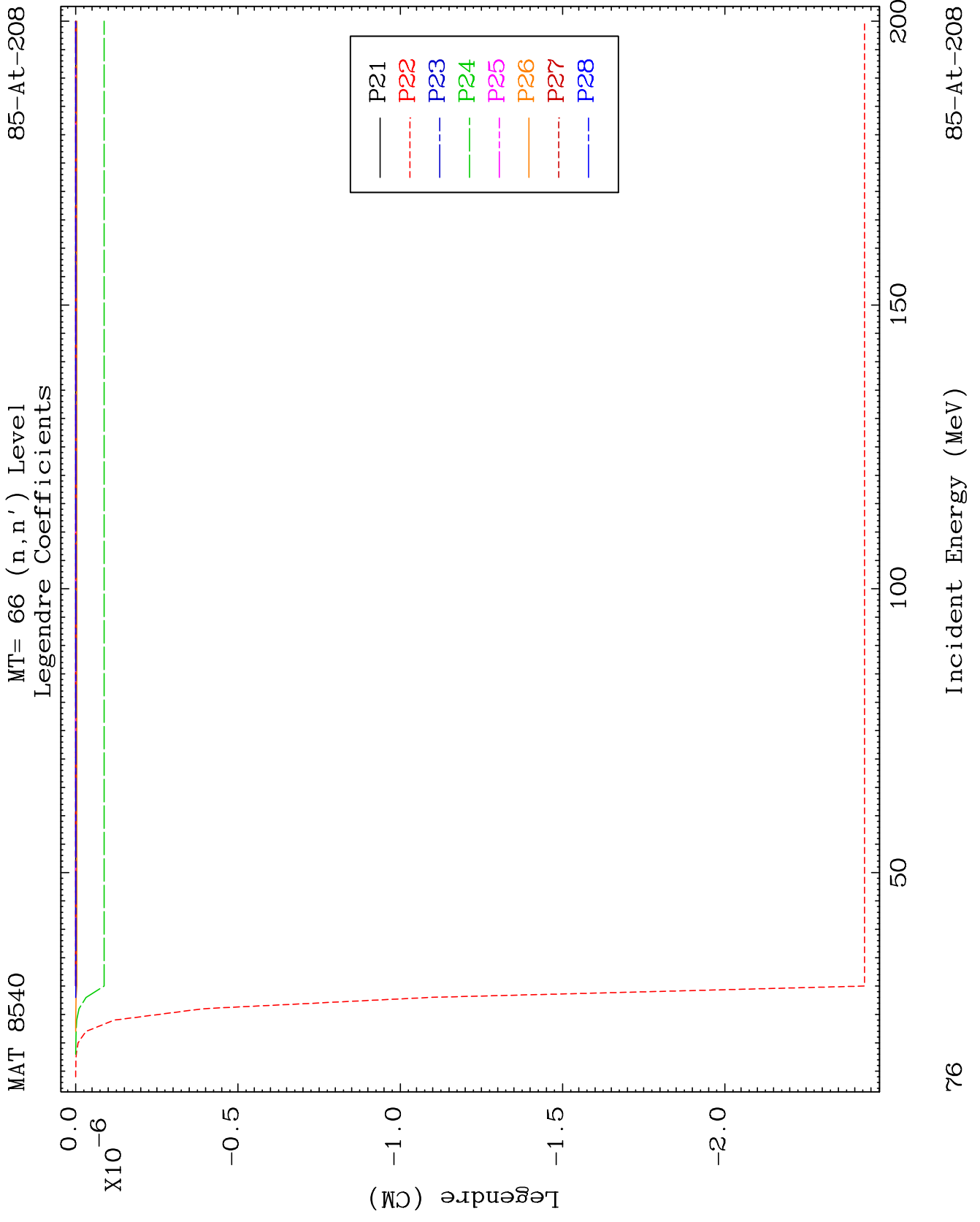
85-At-208

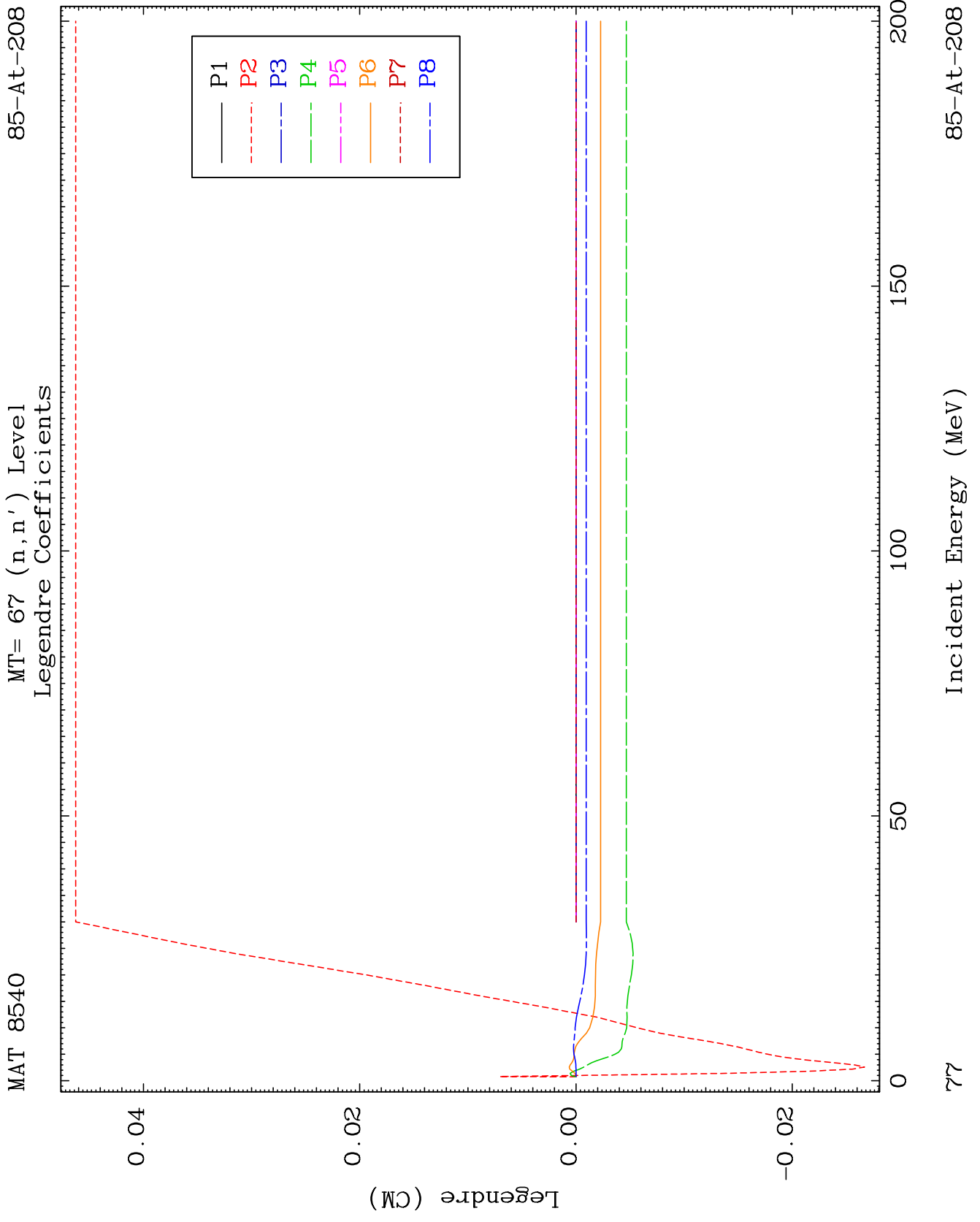


75

Incident Energy (MeV)

85-At-208





85-At-208

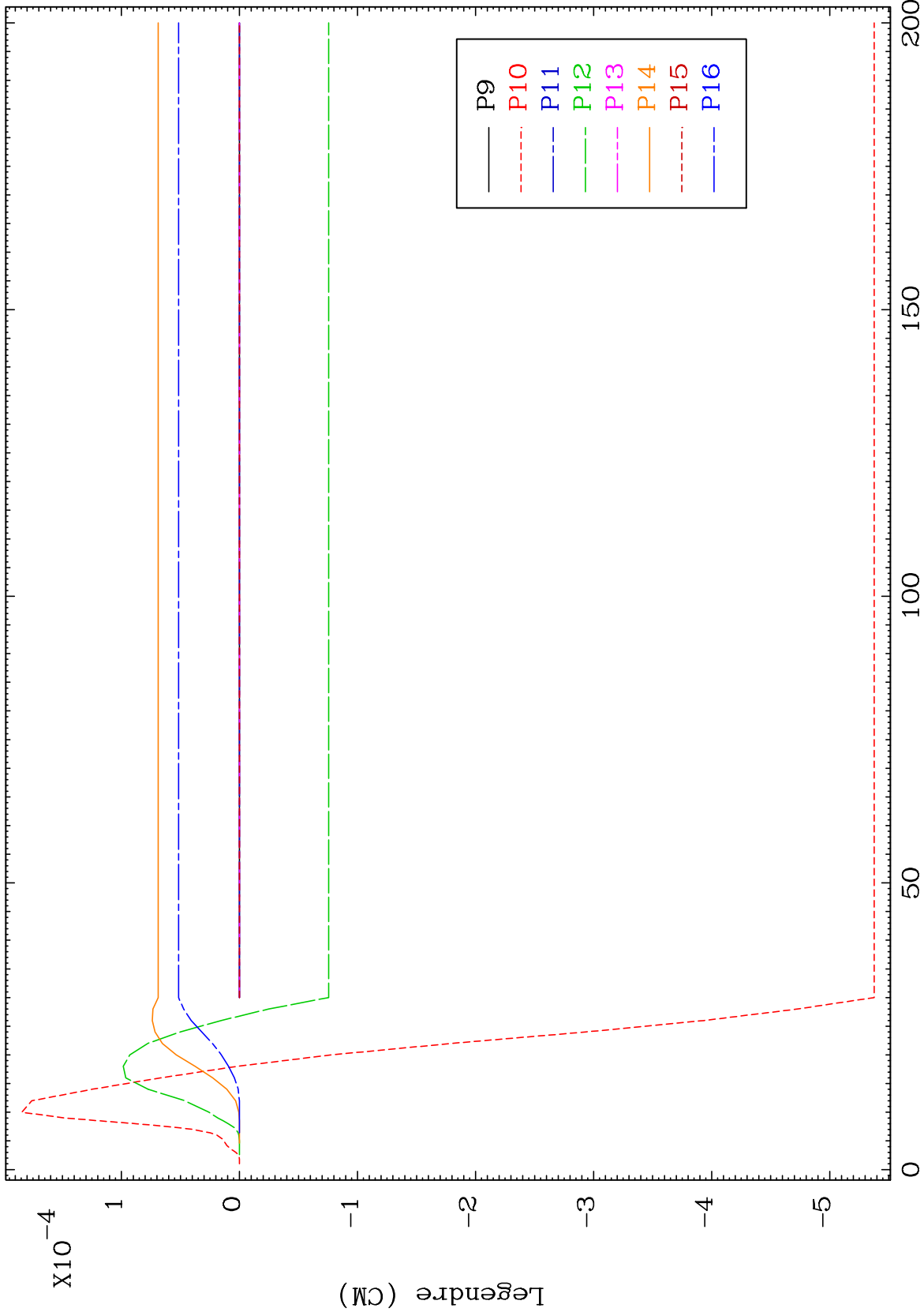
Incident Energy (MeV)

77

MAT 8540

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

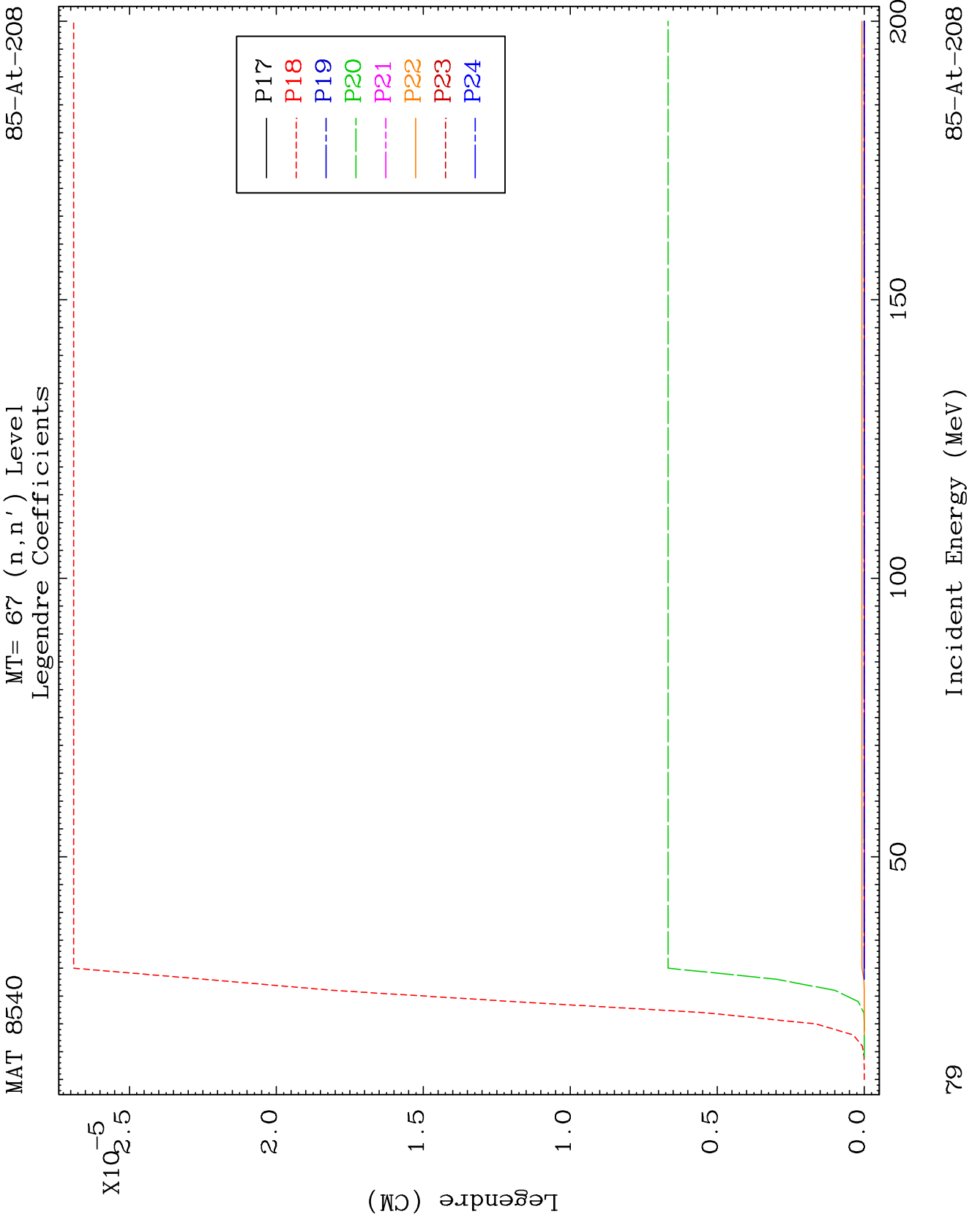
85-At-208



78

Incident Energy (MeV)

85-At-208

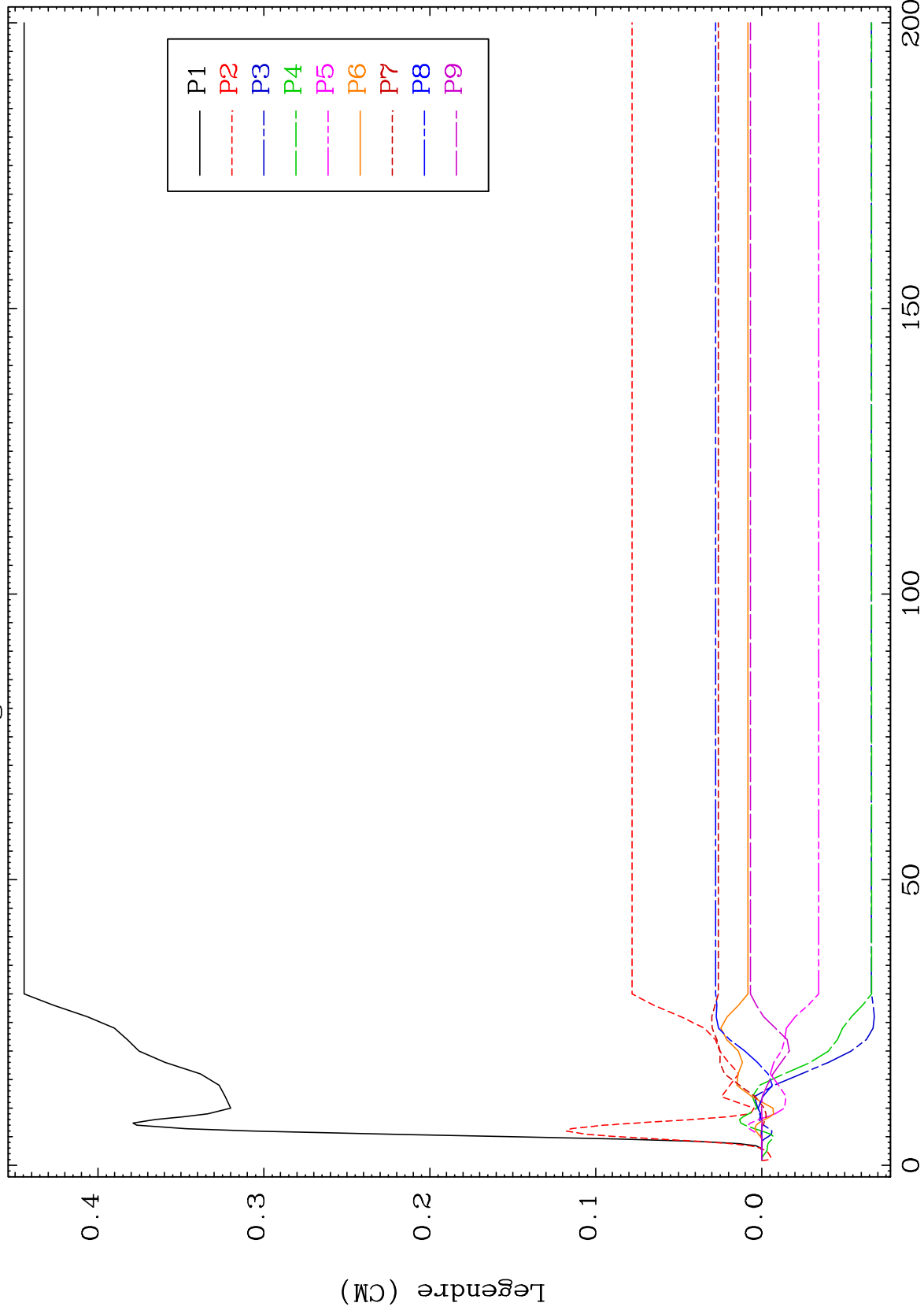




MAT 8540

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

85-At-208



85-At-208

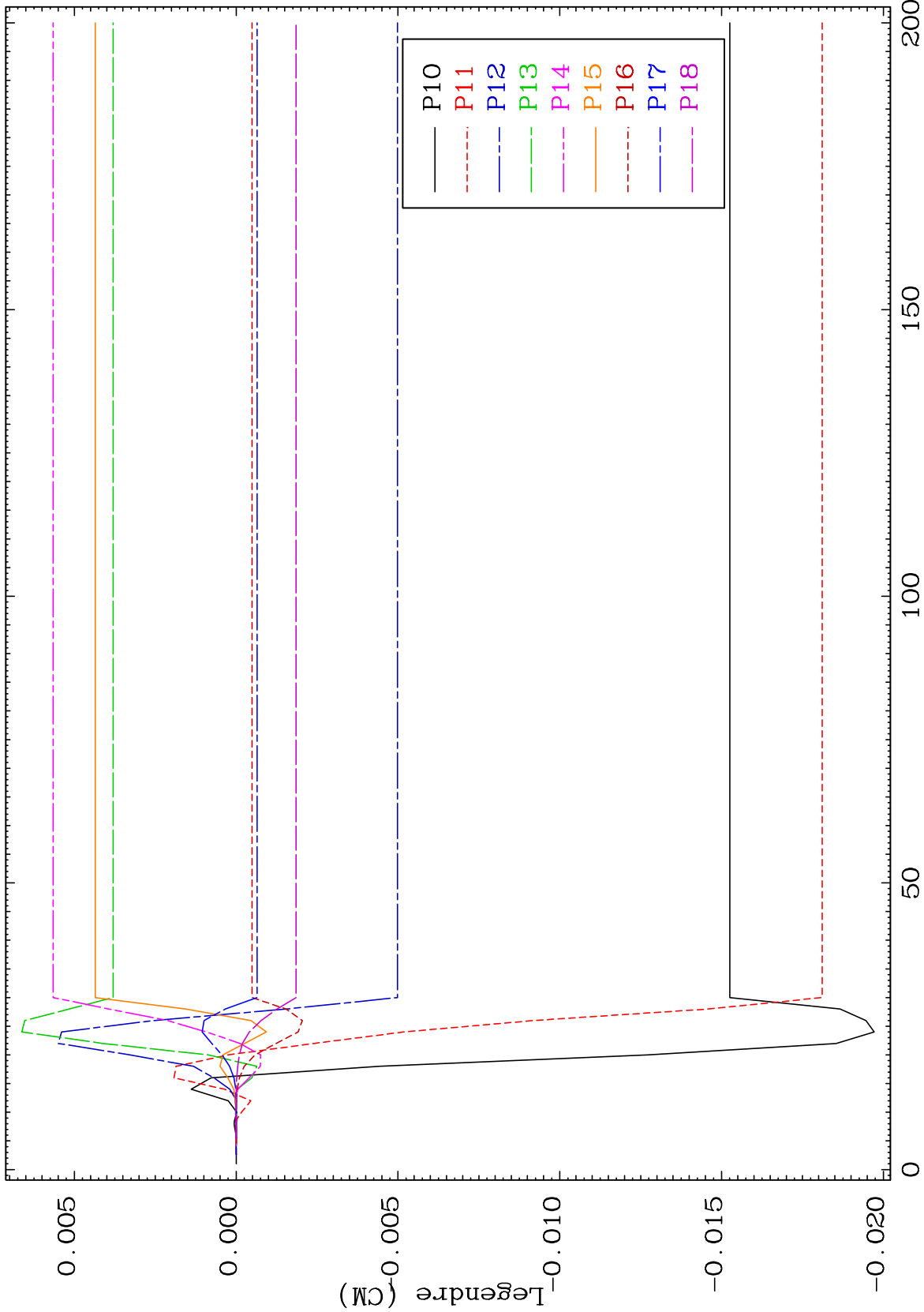
Incident Energy (MeV)

80

MAT 8540

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

85-At-208



81

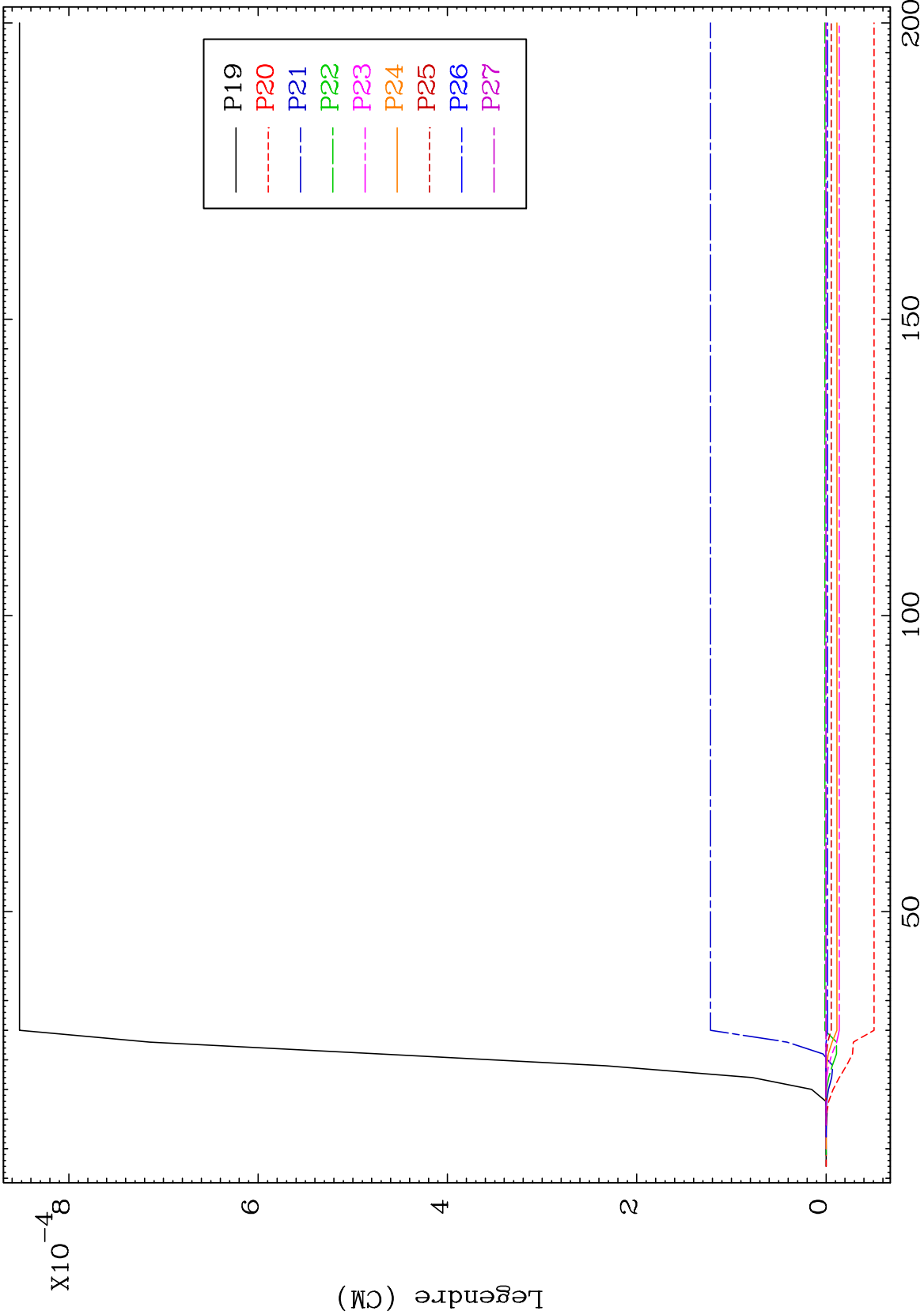
Incident Energy (MeV)

85-At-208

MAT 8540

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

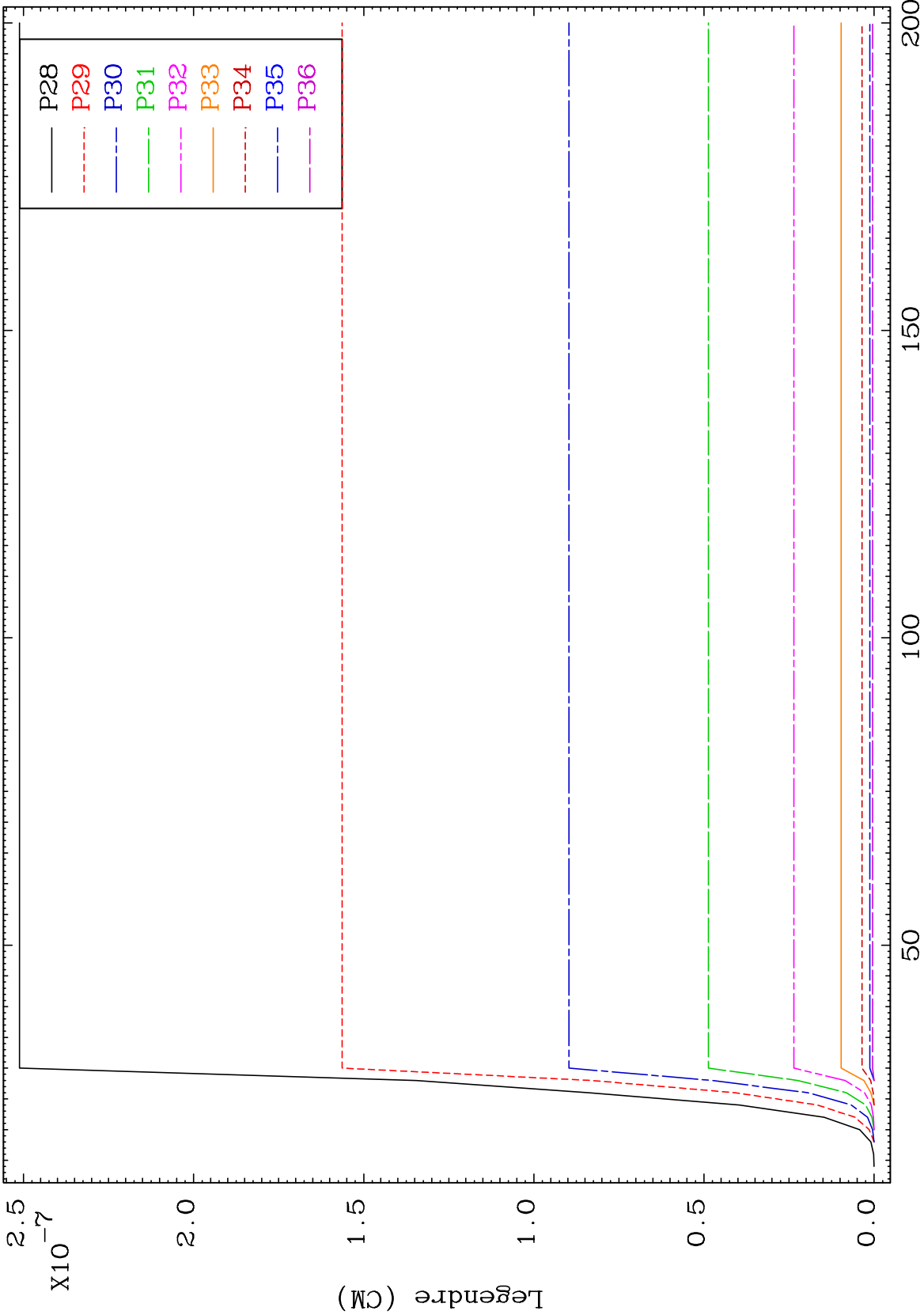
85-At-208



82

Incident Energy (MeV)

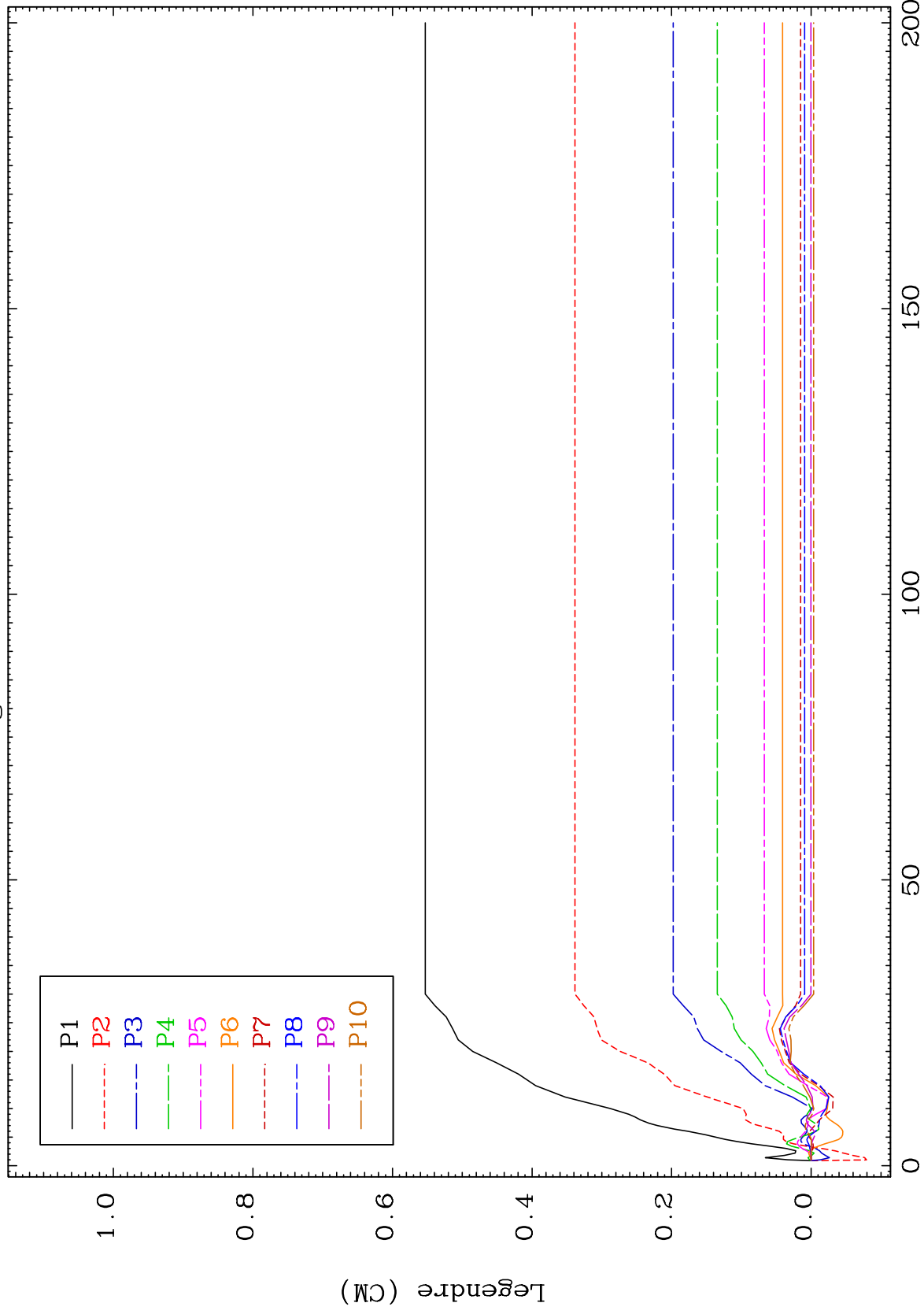
85-At-208



MAT 8540

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

85-At-208



84

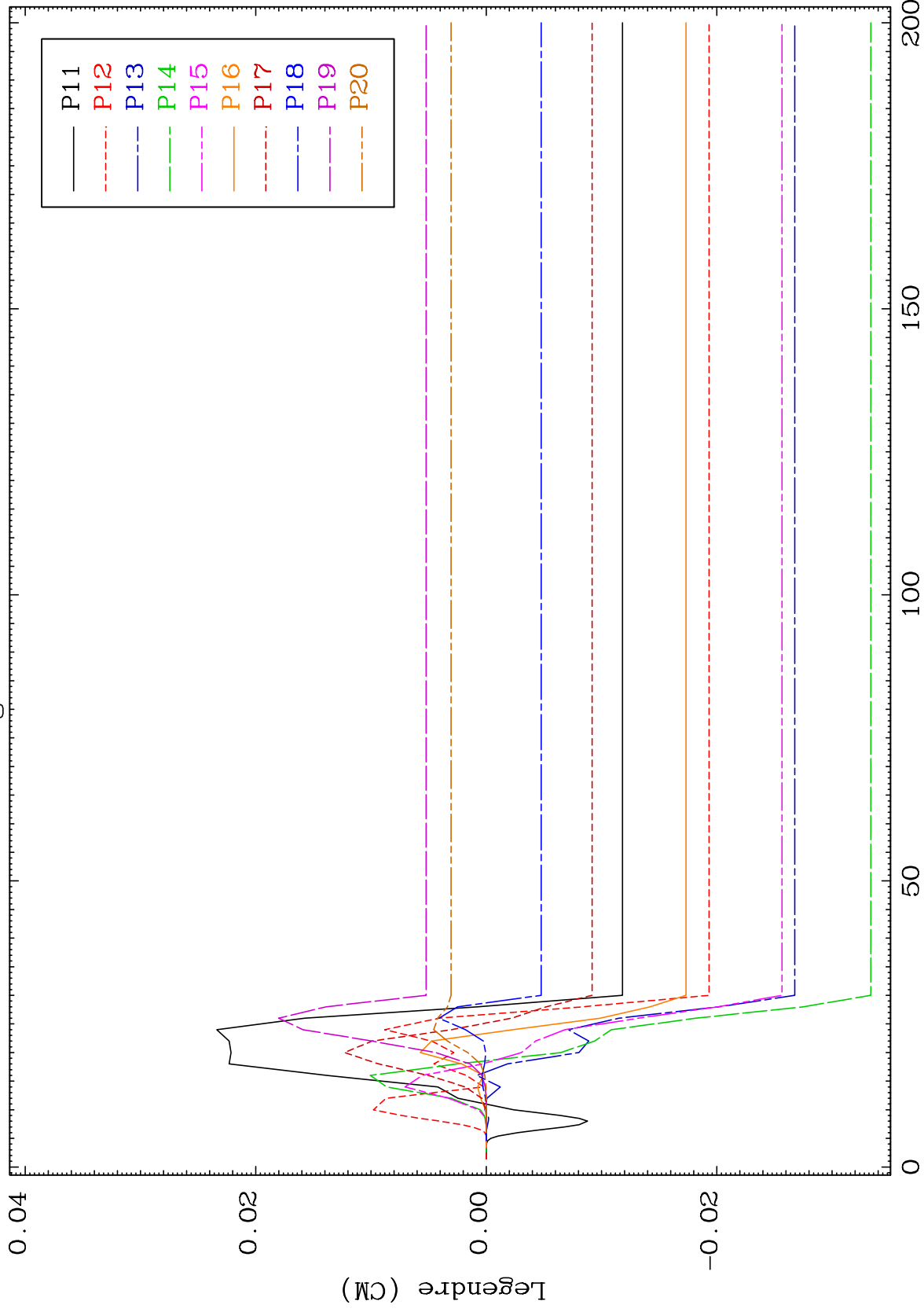
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



85

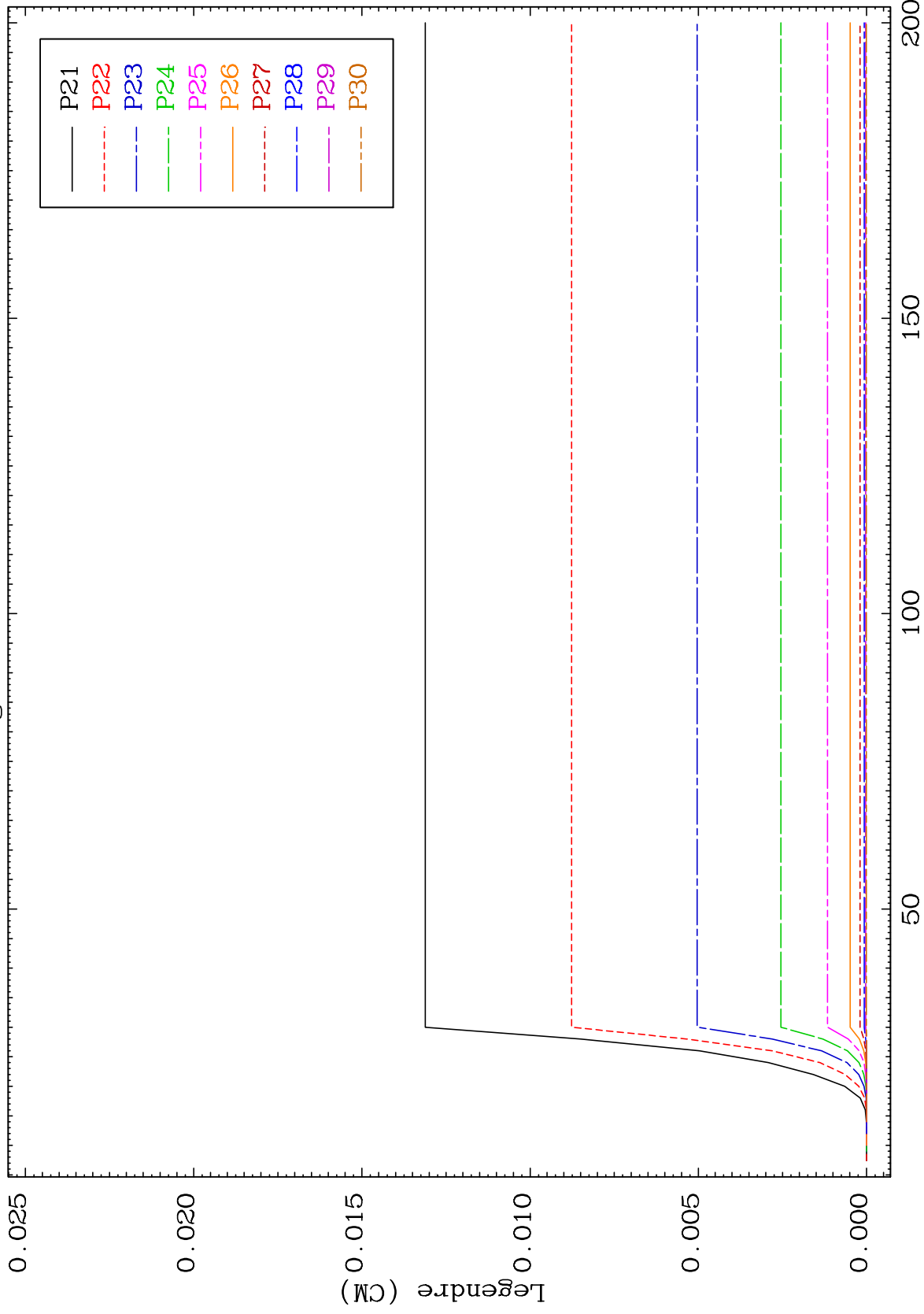
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



86

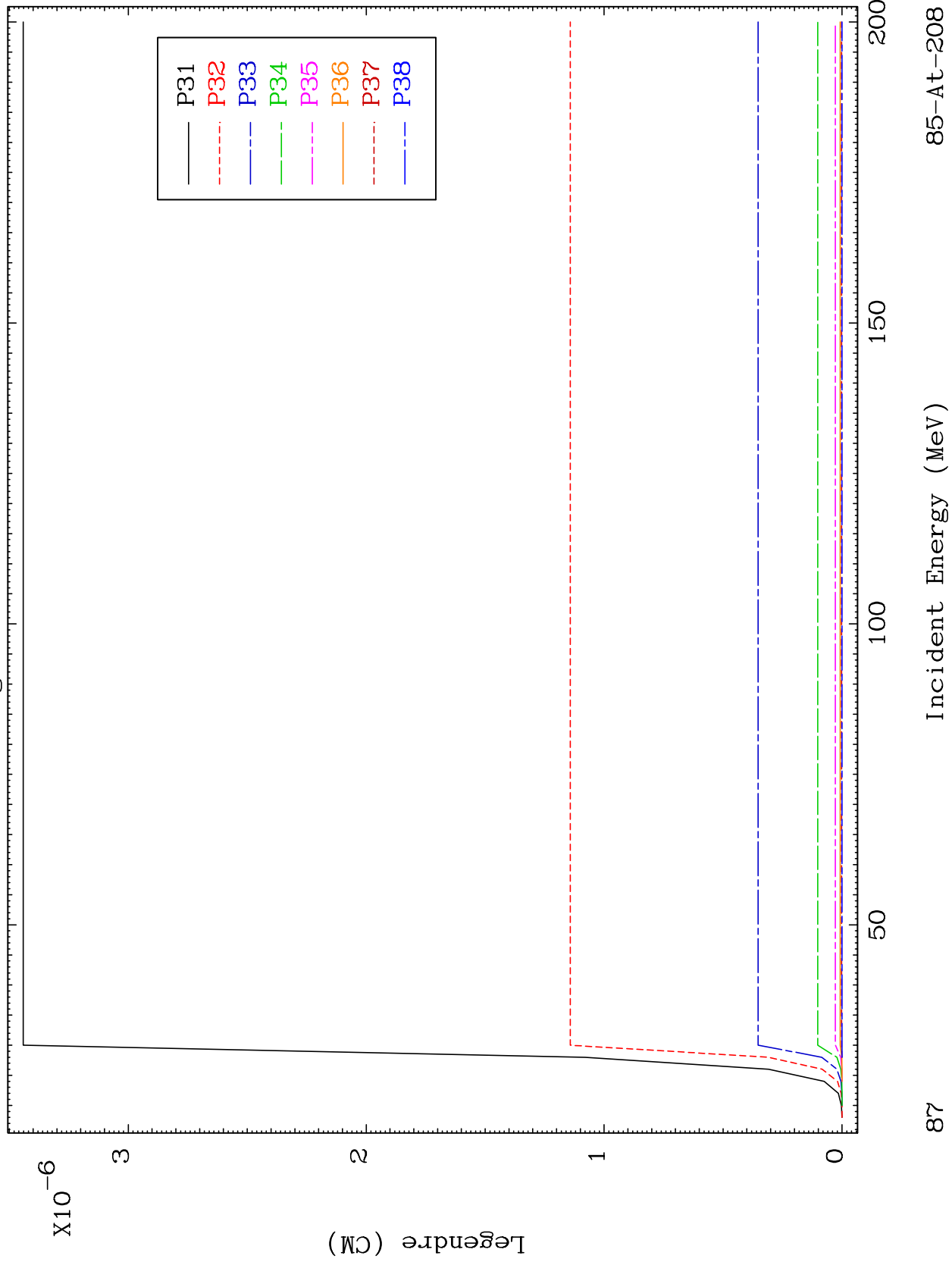
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



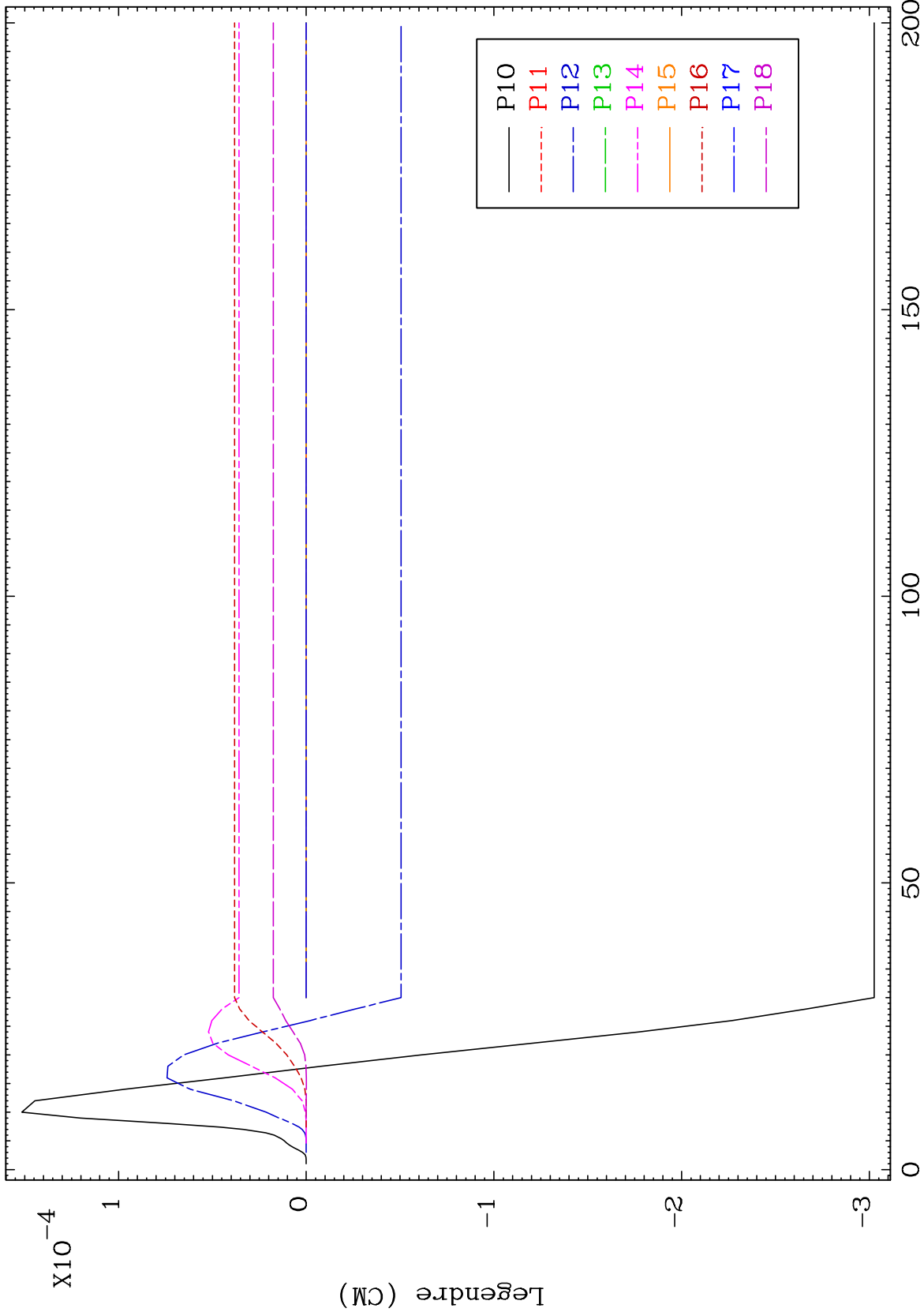




MAT 8540

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

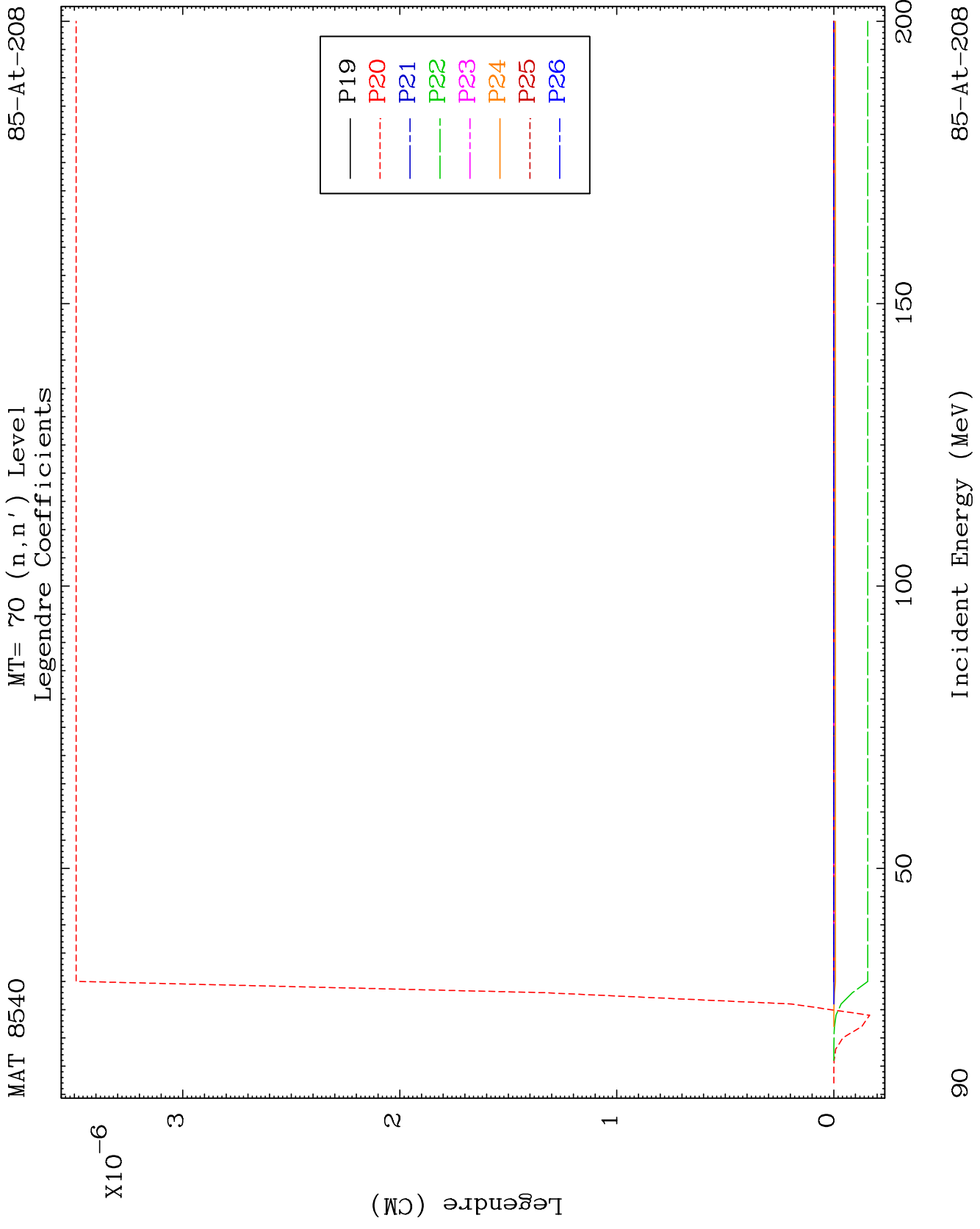
85-At-208



89

Incident Energy (MeV)

85-At-208

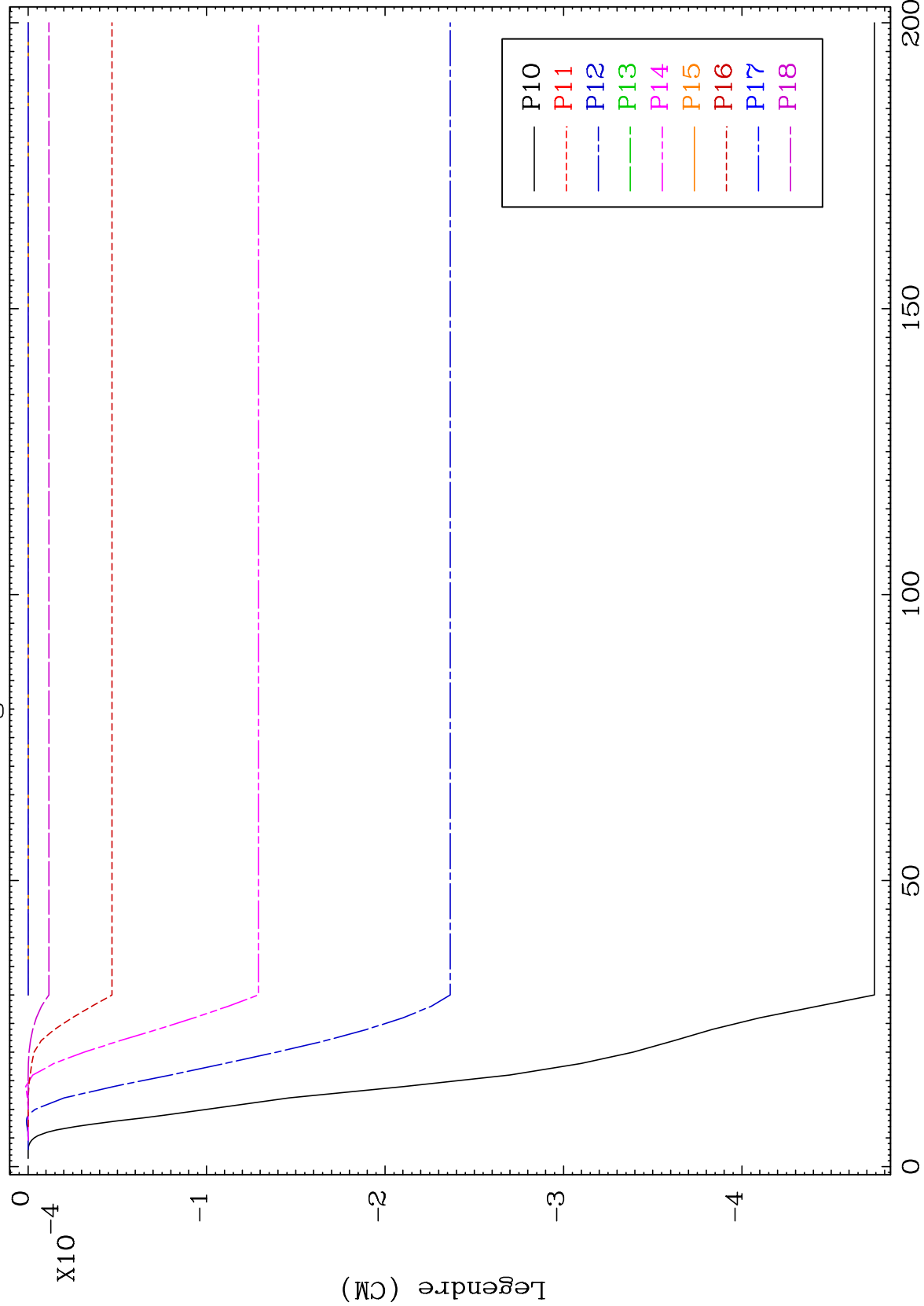




MAT 8540

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

85-At-208



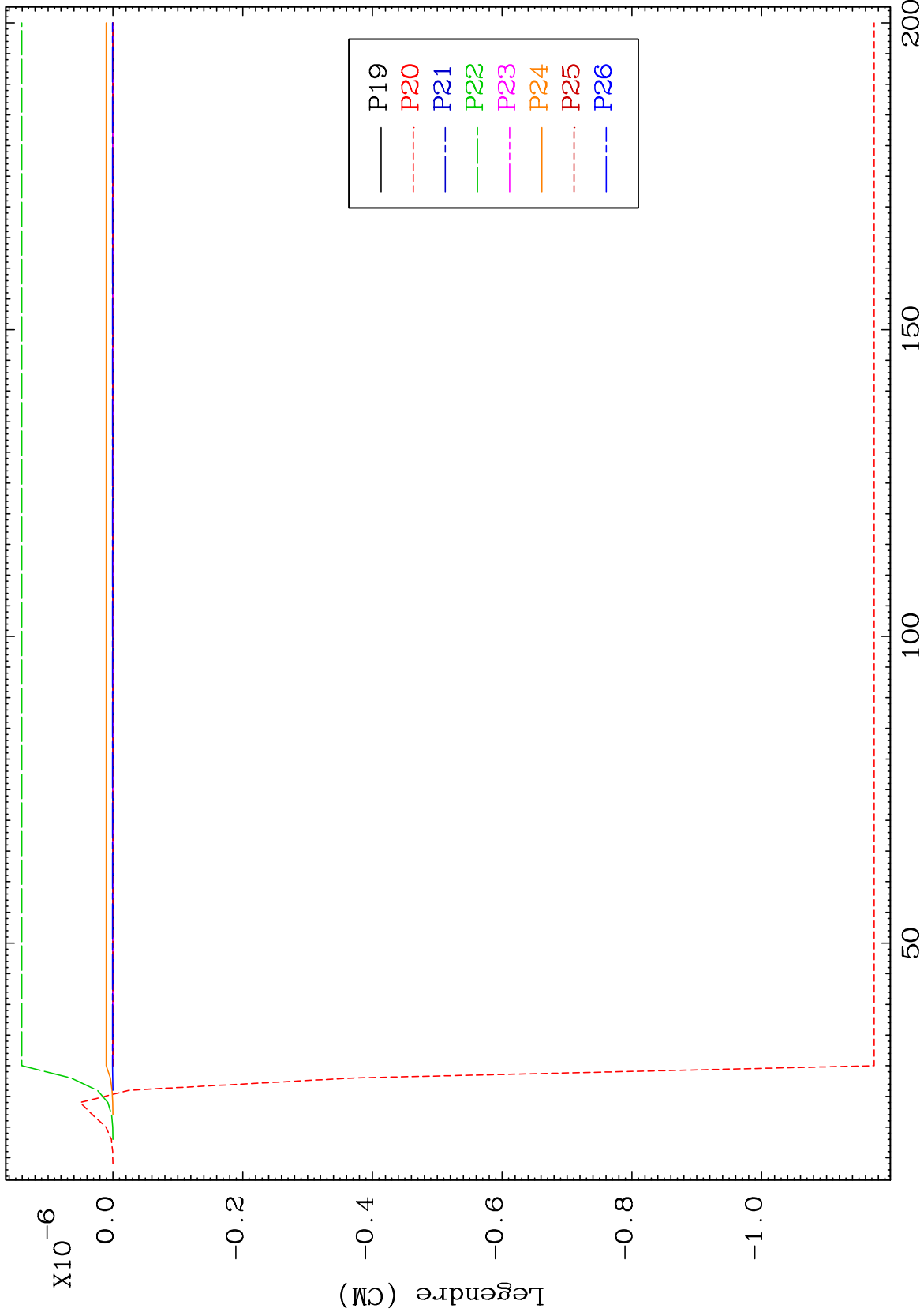
92

85-At-208

MAT 8540

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

85-At-208



93

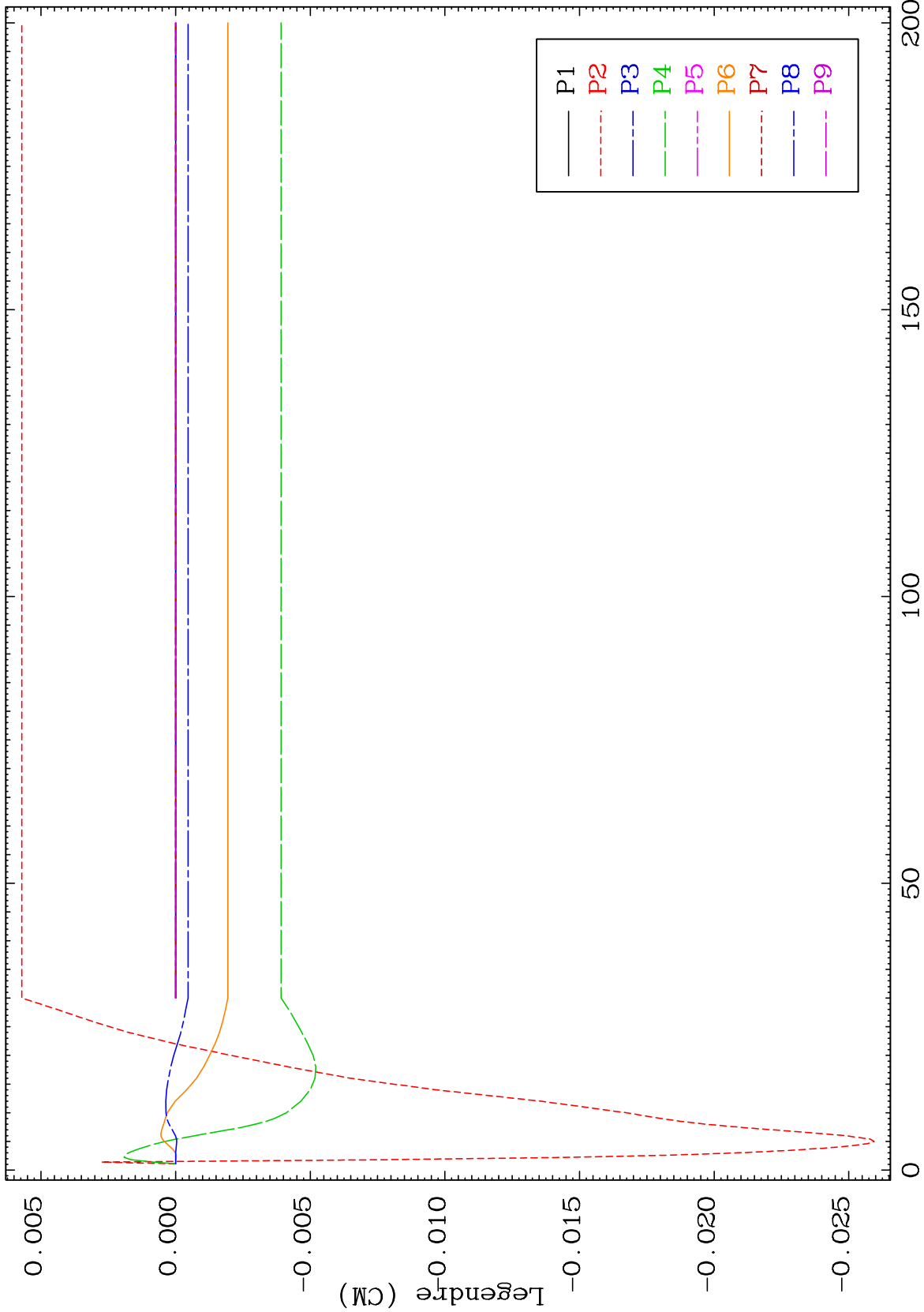
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



94

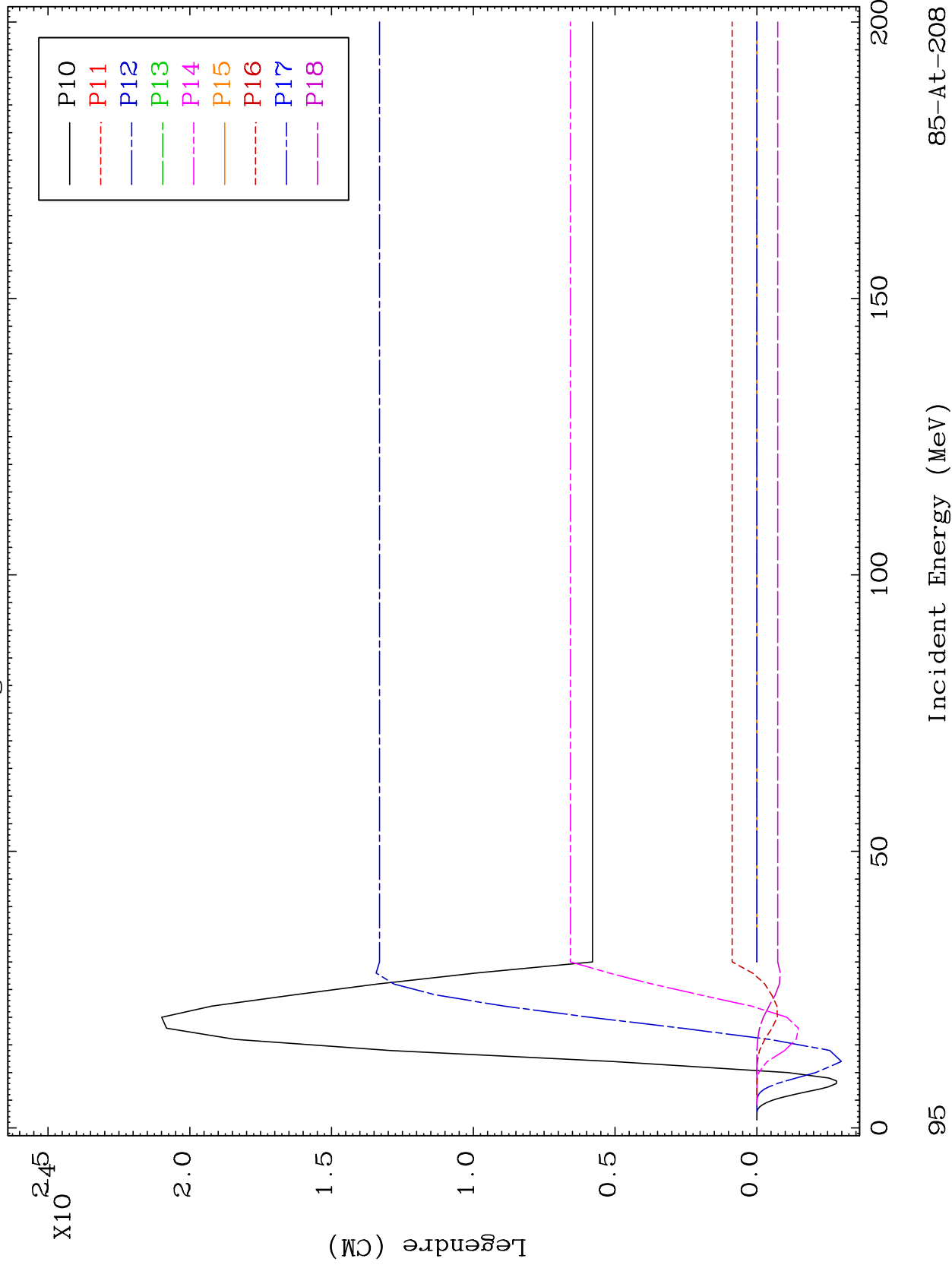
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



85-At-208

Incident Energy (MeV)

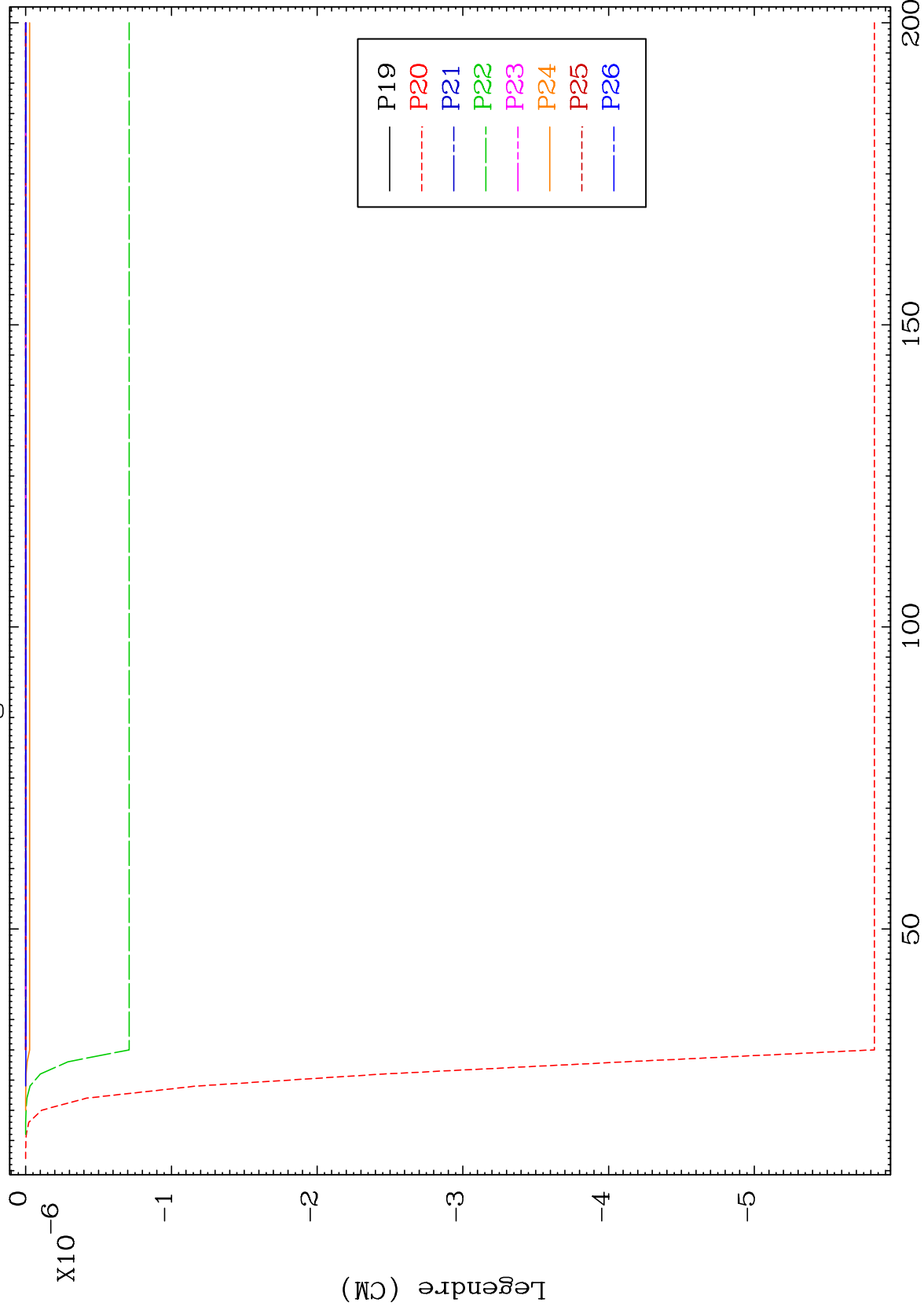
95



MAT 8540

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

85-At-208



96

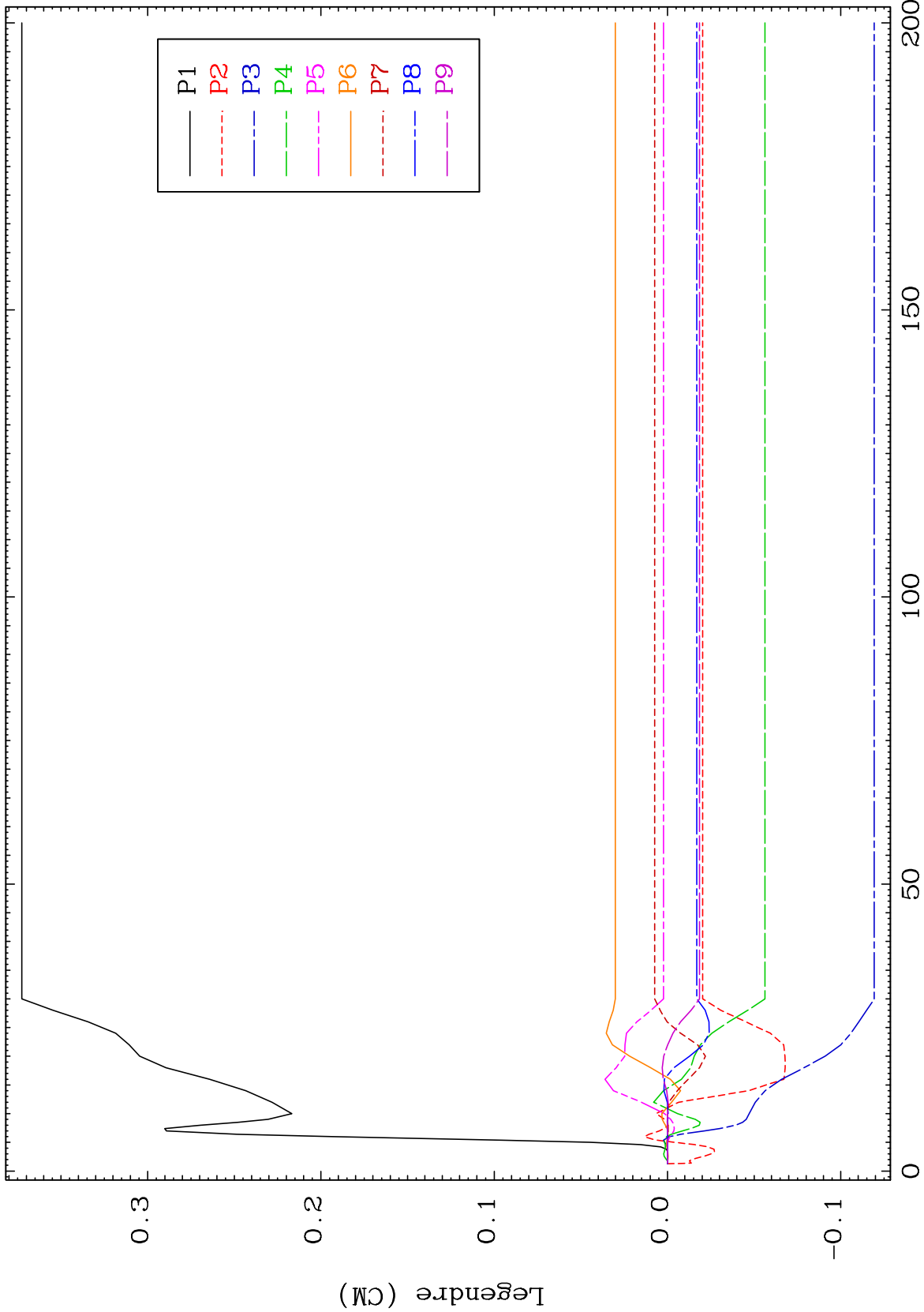
Incident Energy (MeV)

85-At-208

MAT 8540

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

85-At-208



97

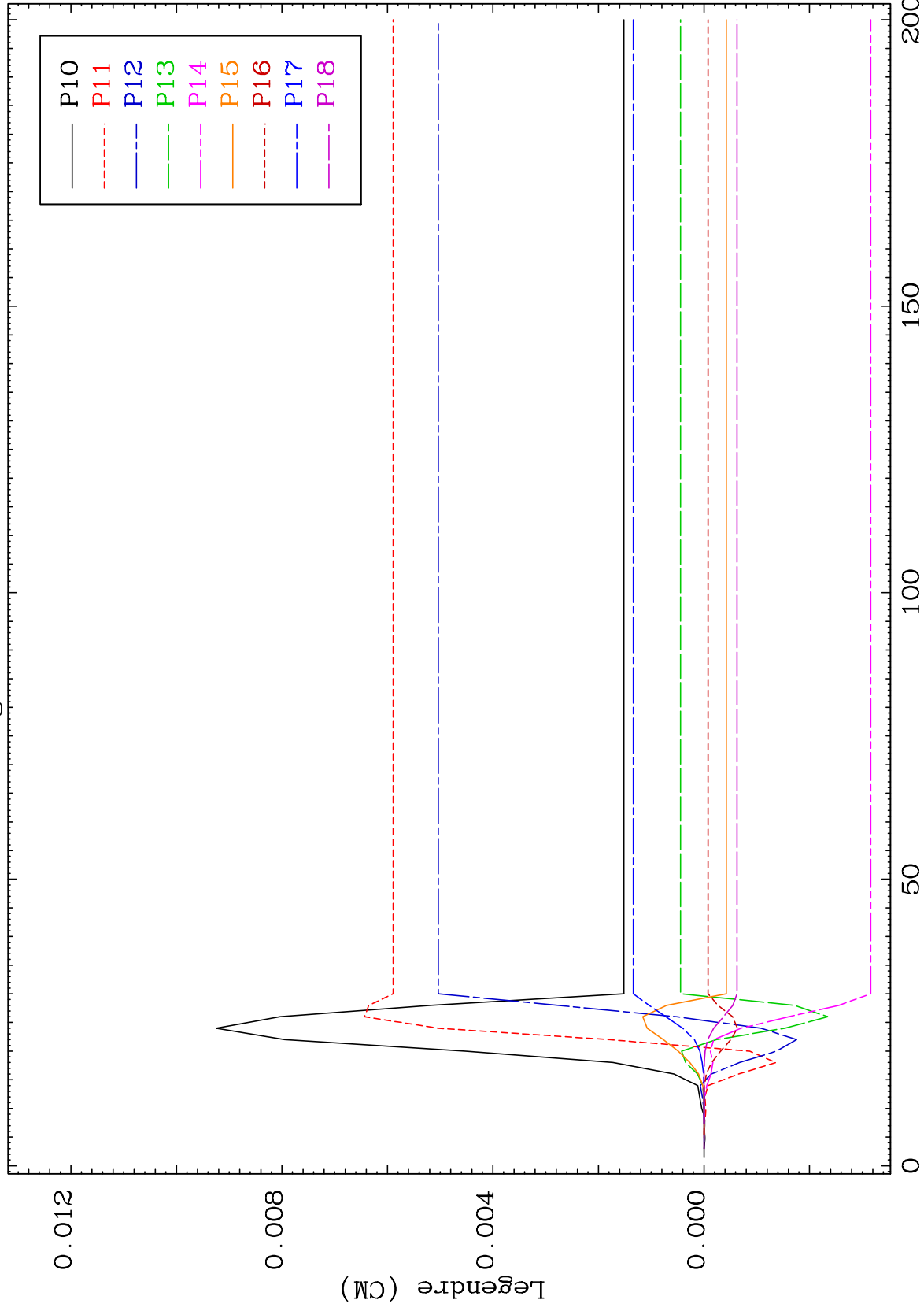
Incident Energy (MeV)

85-At-208

MAT 8540

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

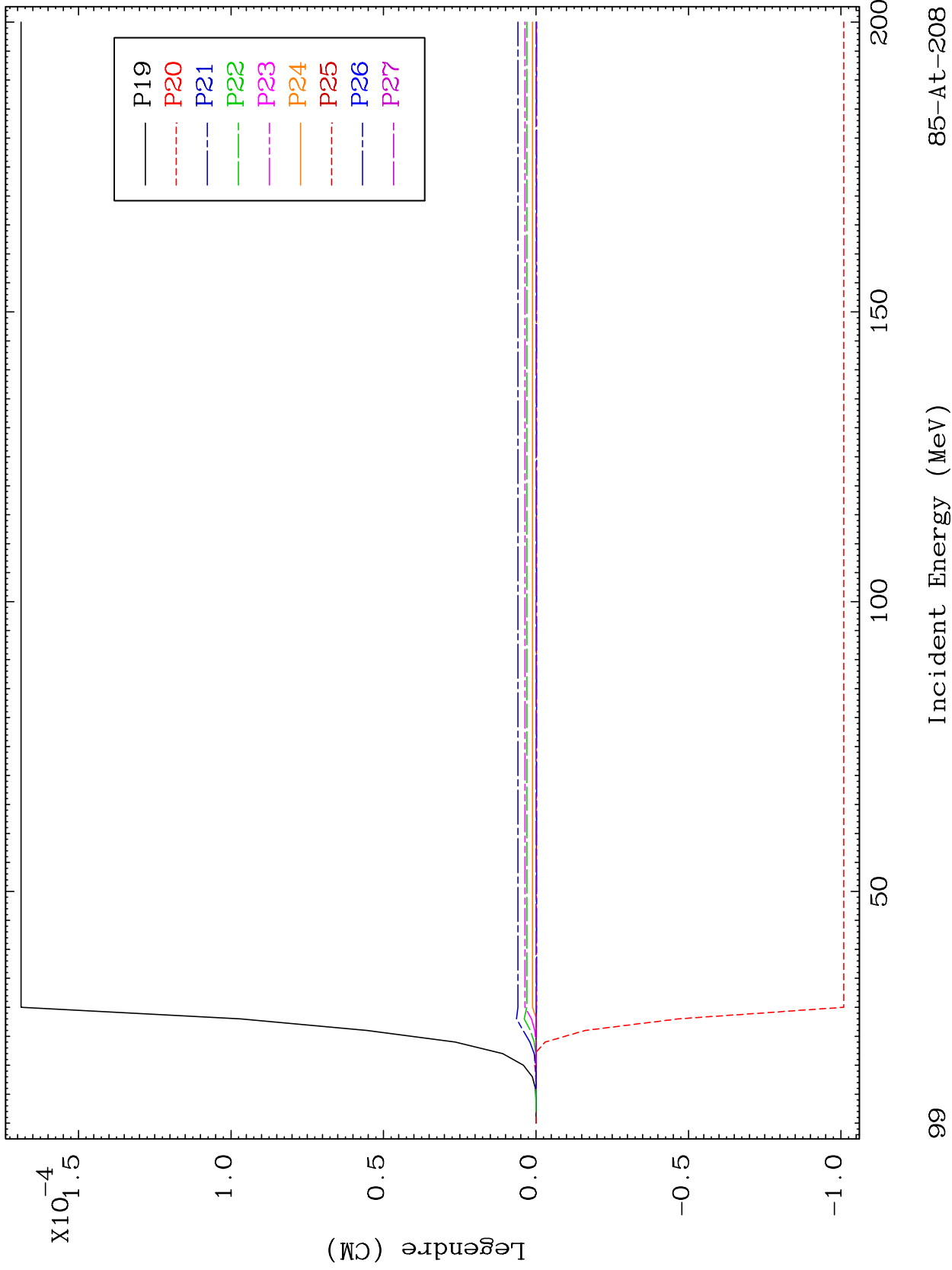
85-At-208

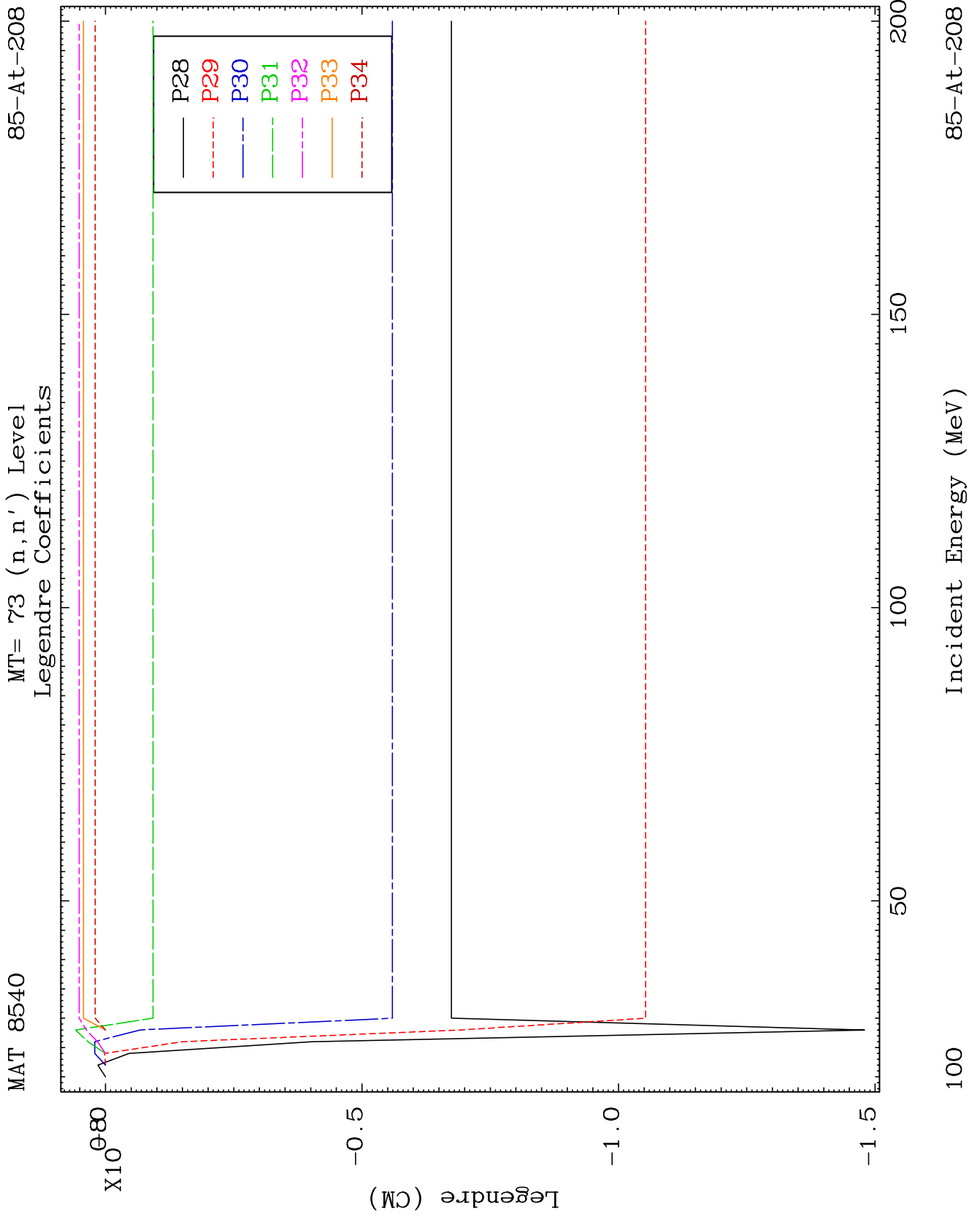


98

Incident Energy (MeV)

85-At-208

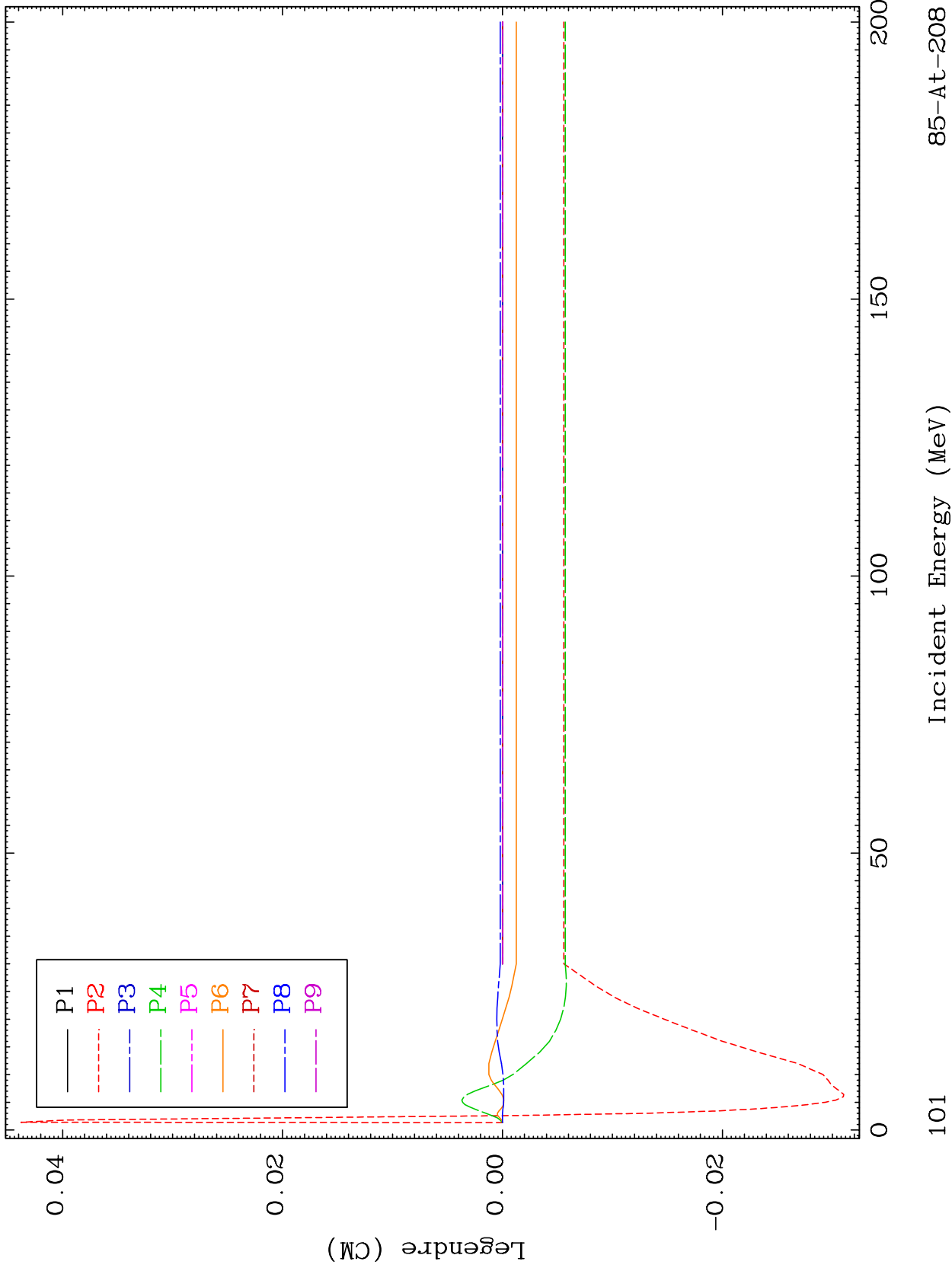




MAT 8540

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

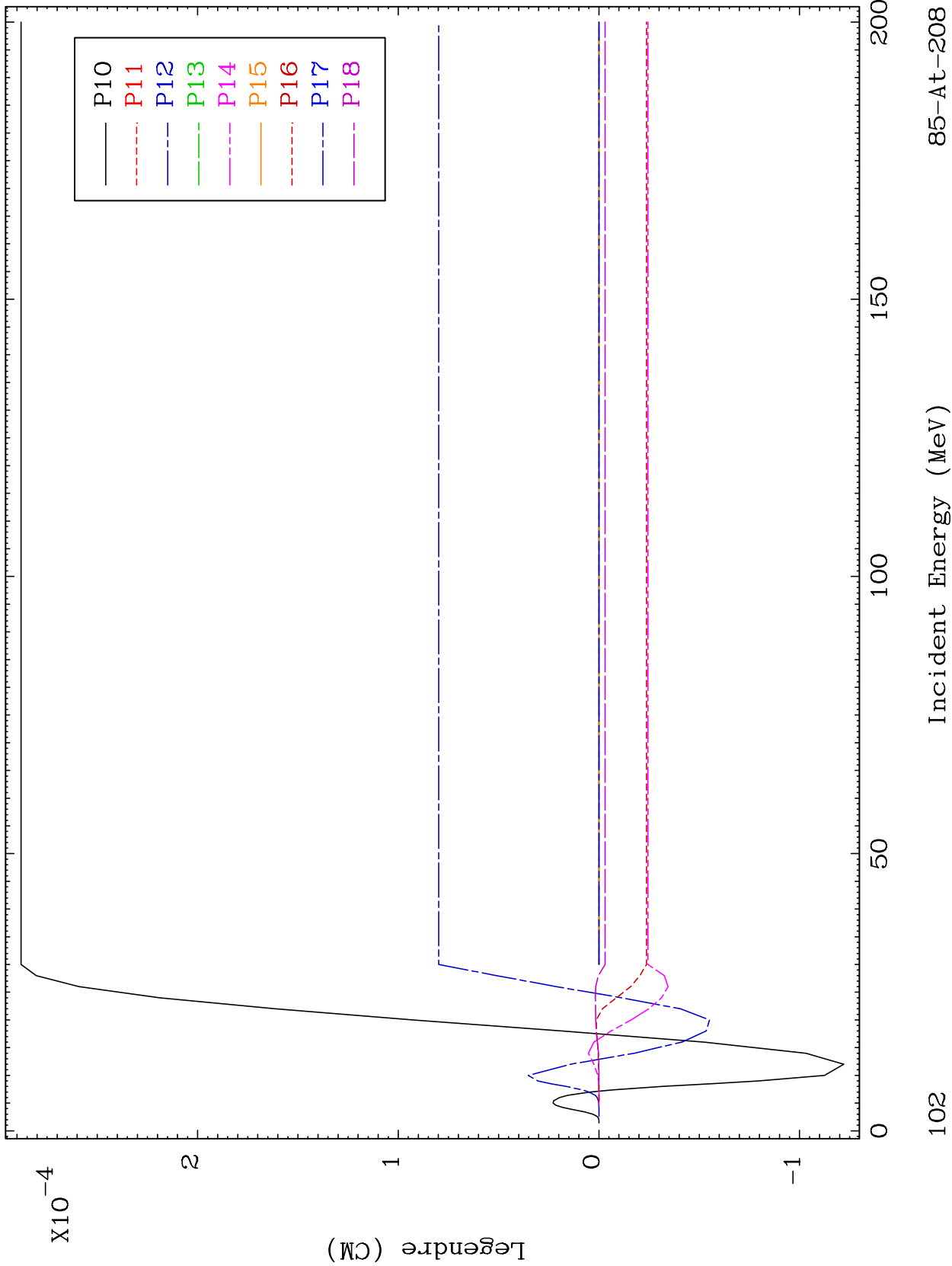
85-At-208



MAT 8540

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

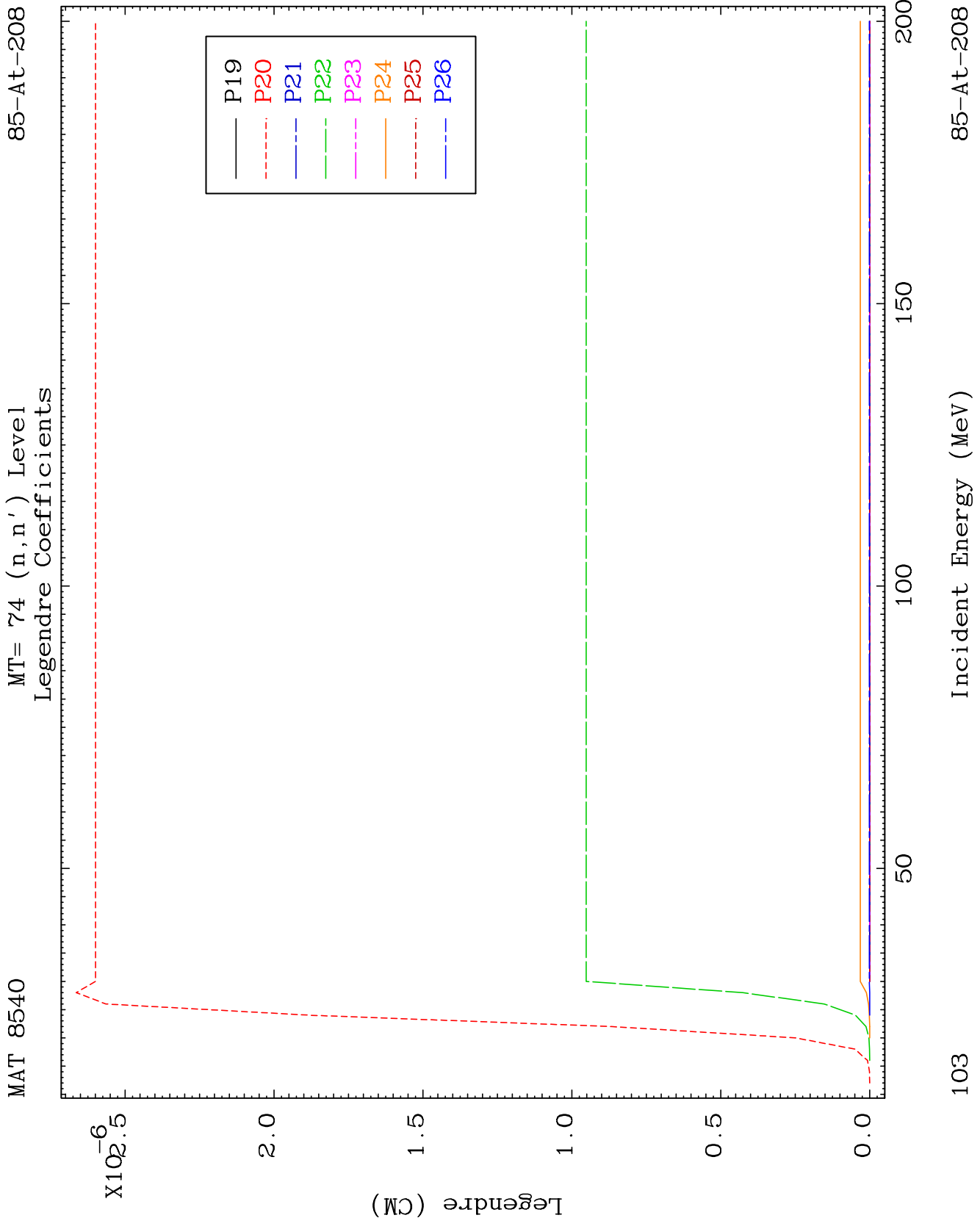
85-At-208



85-At-208

Incident Energy (MeV)

102



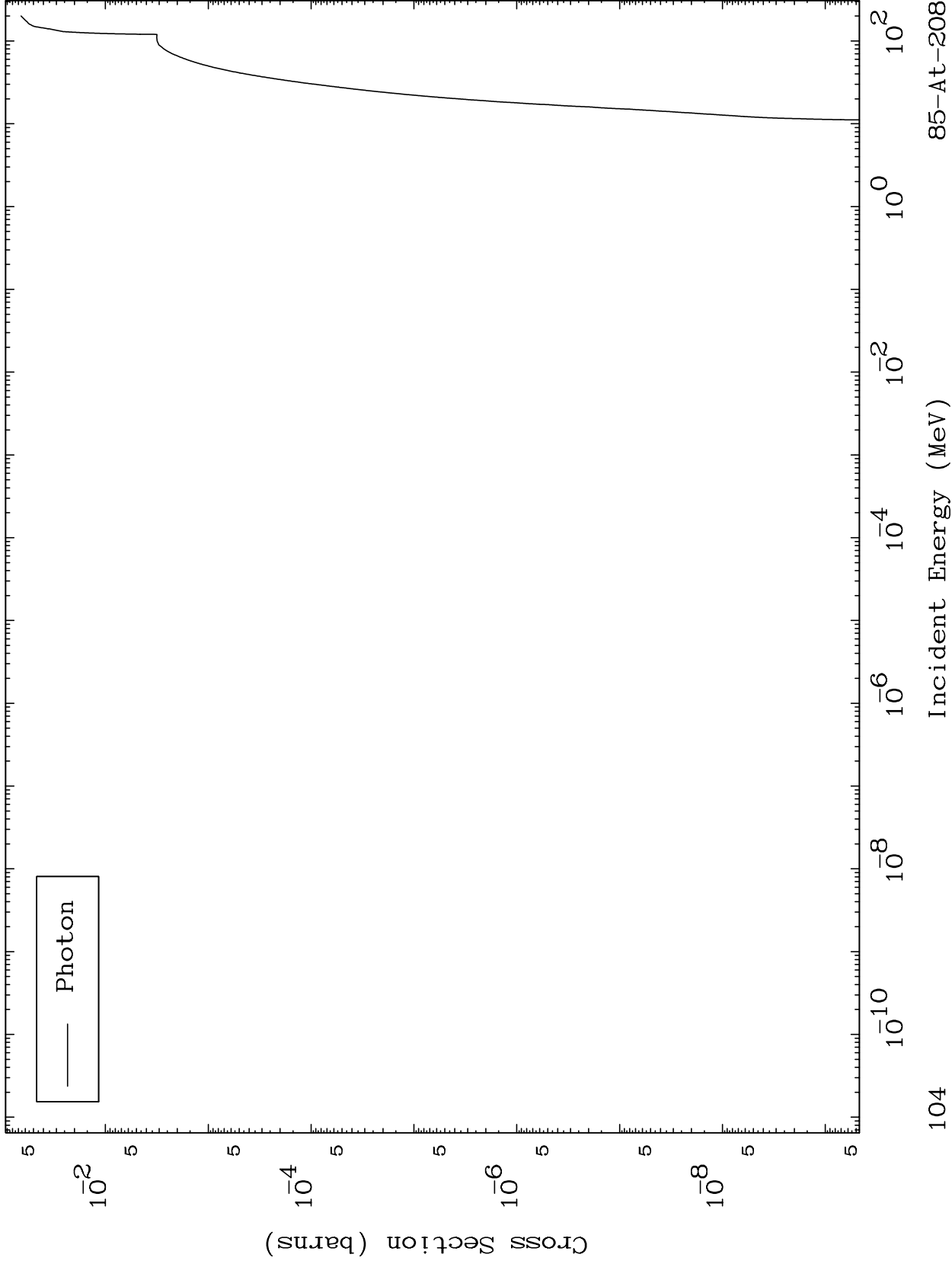


MAT 8540

Fission

85-At-208

Radionuclide Production Cross Section



104

Incident Energy (MeV)

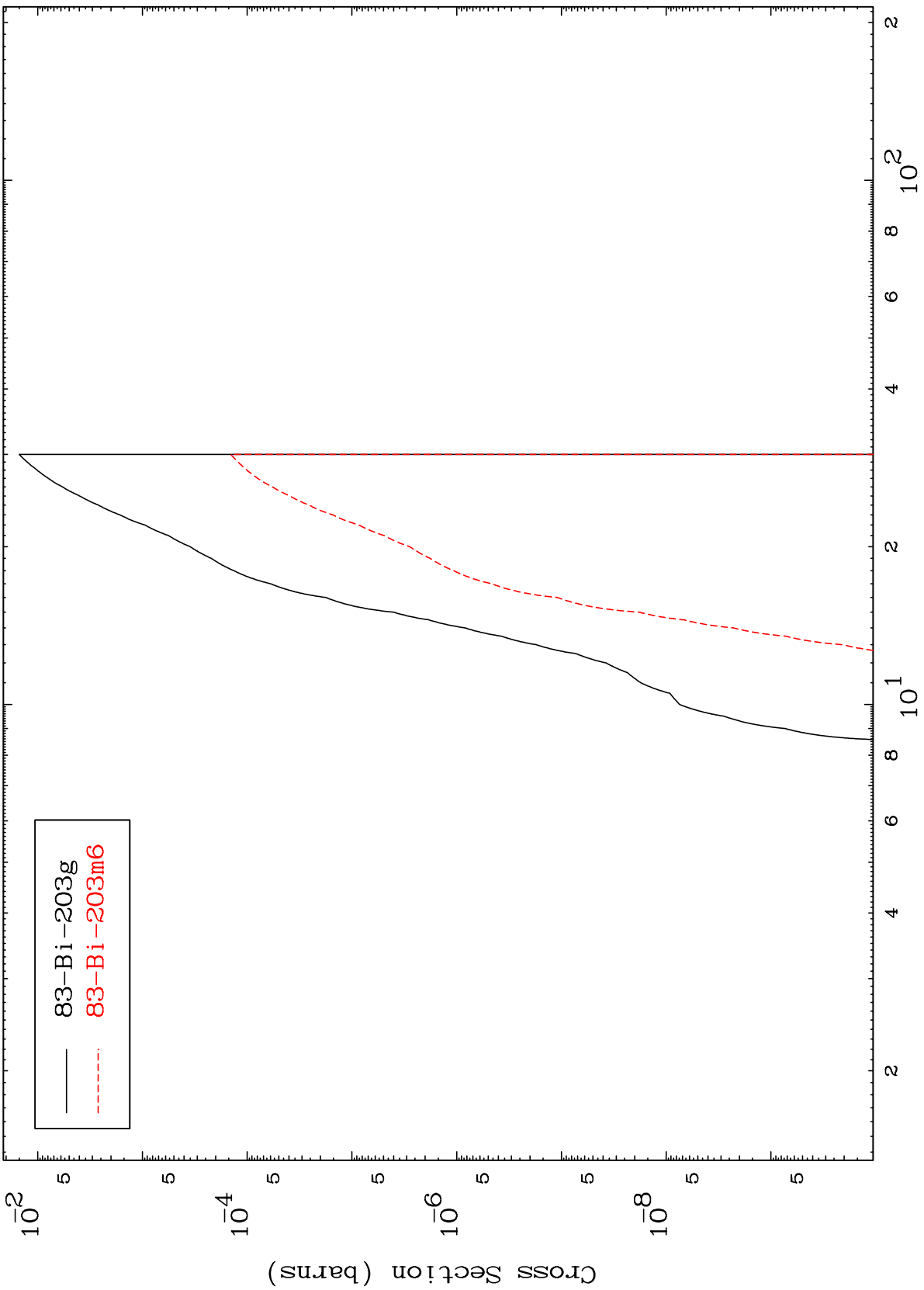
85-At-208

MAT 8540

(n,2n)  $\alpha$

85-At-208

Radionuclide Production Cross Section



105

Incident Energy (MeV)

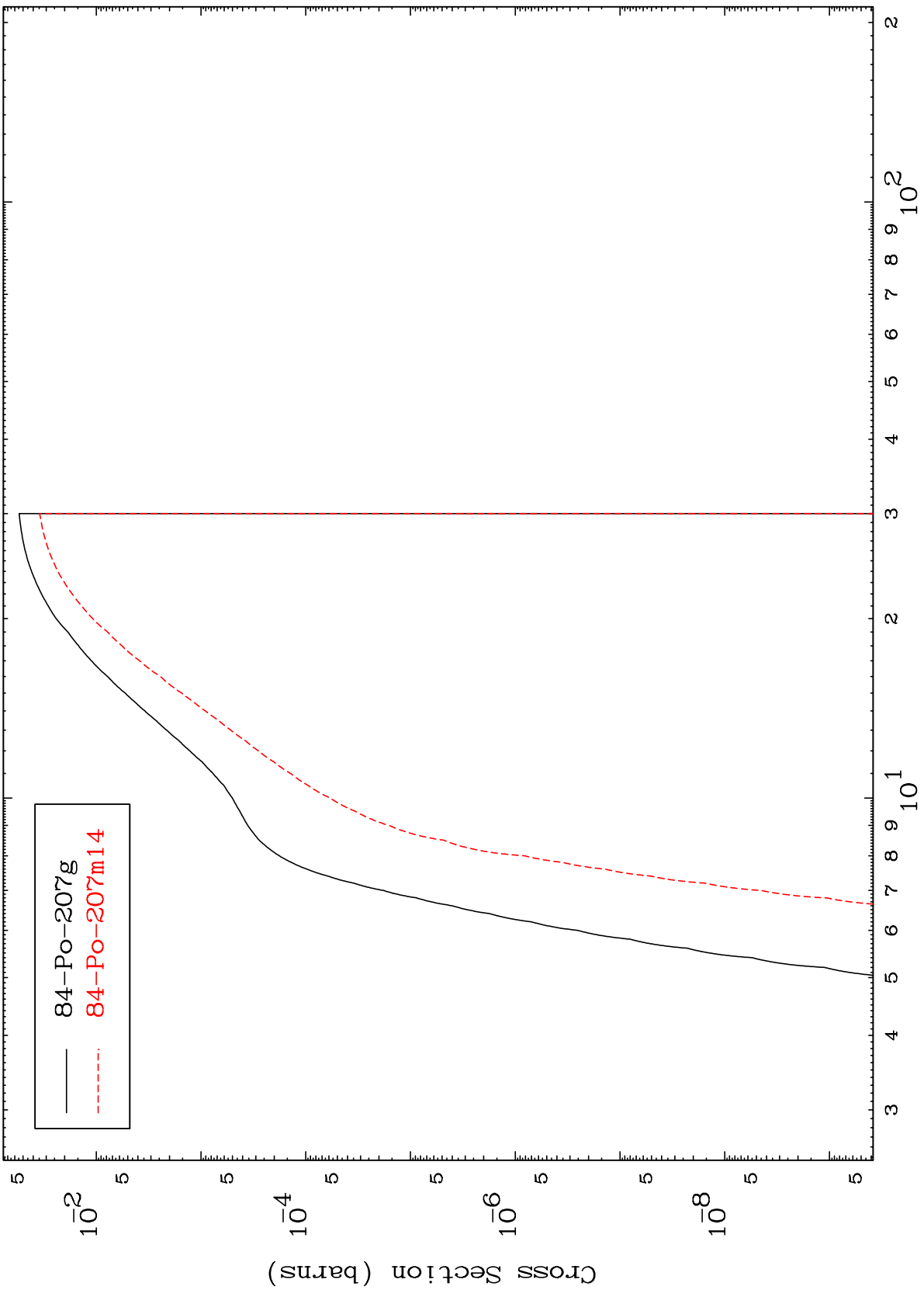
85-At-208

MAT 8540

85-At-208

(n,n') p

Radionuclide Production Cross Section



106

Incident Energy (MeV)

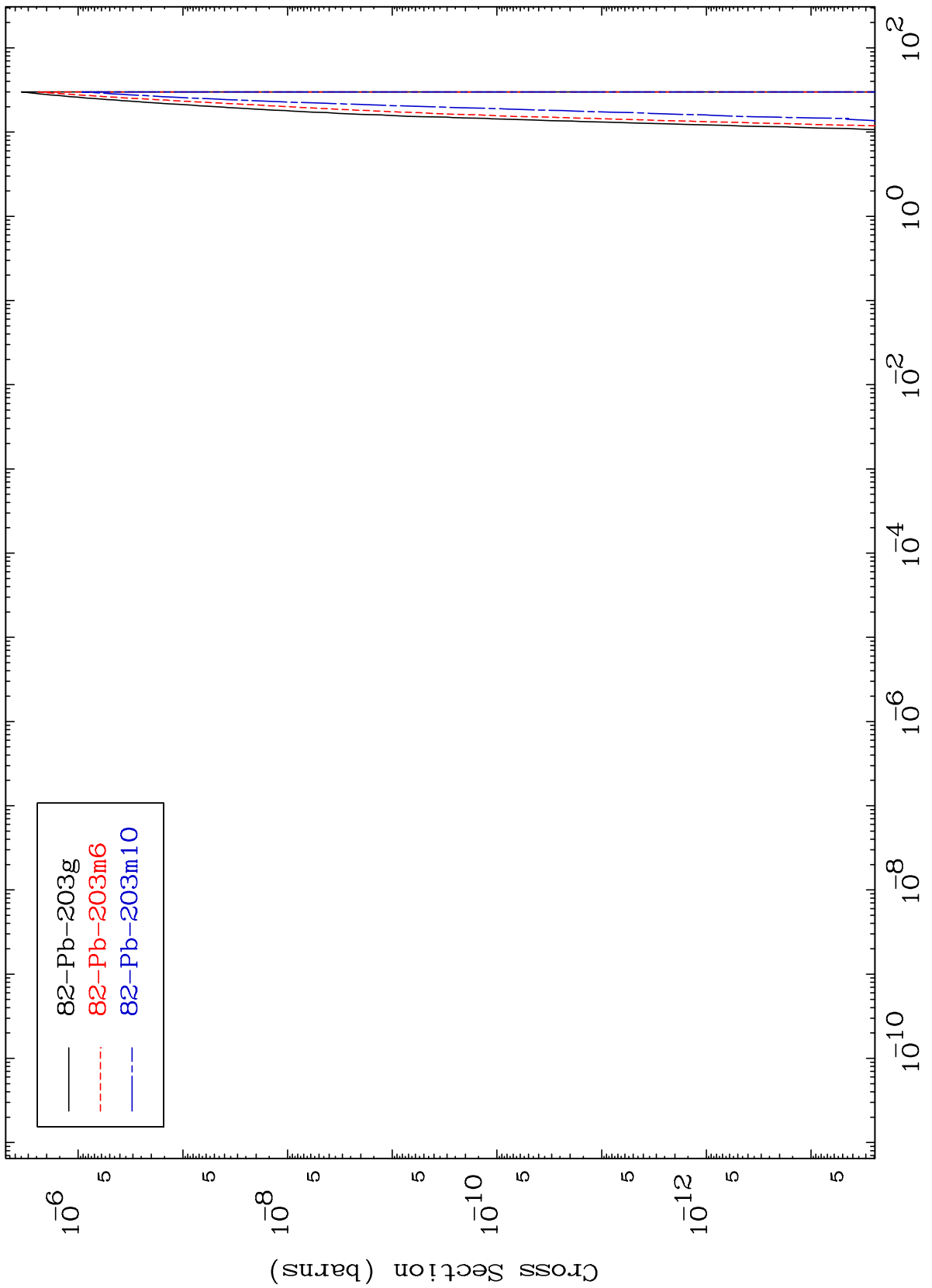
85-At-208

MAT 8540

(n,n') p  $\alpha$

85-At-208

Radionuclide Production Cross Section



107

Incident Energy (MeV)

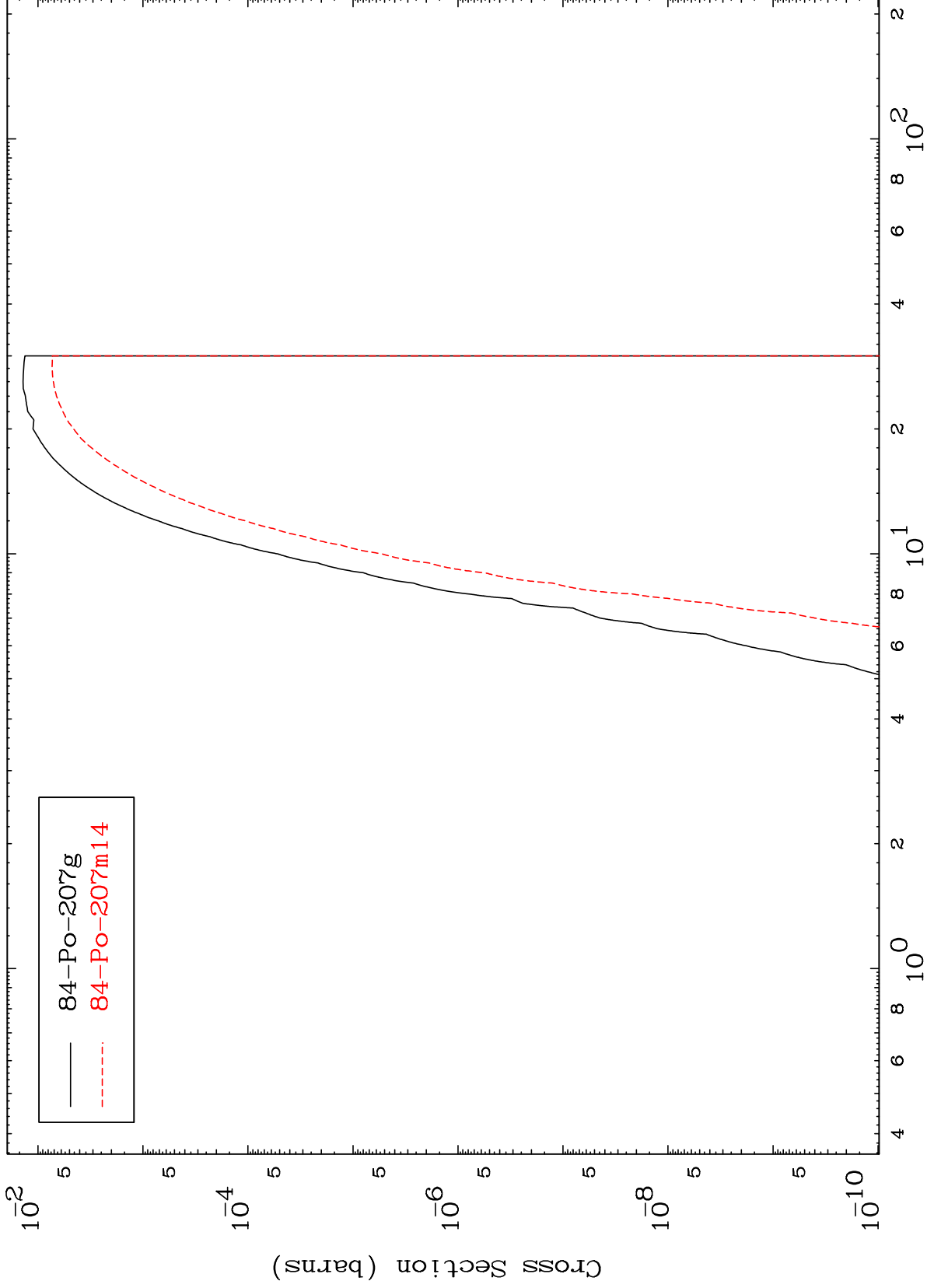
85-At-208

MAT 8540

(n,d)

85-At-208

Radionuclide Production Cross Section



84-Po-207g  
84-Po-207m14

108

Incident Energy (MeV)

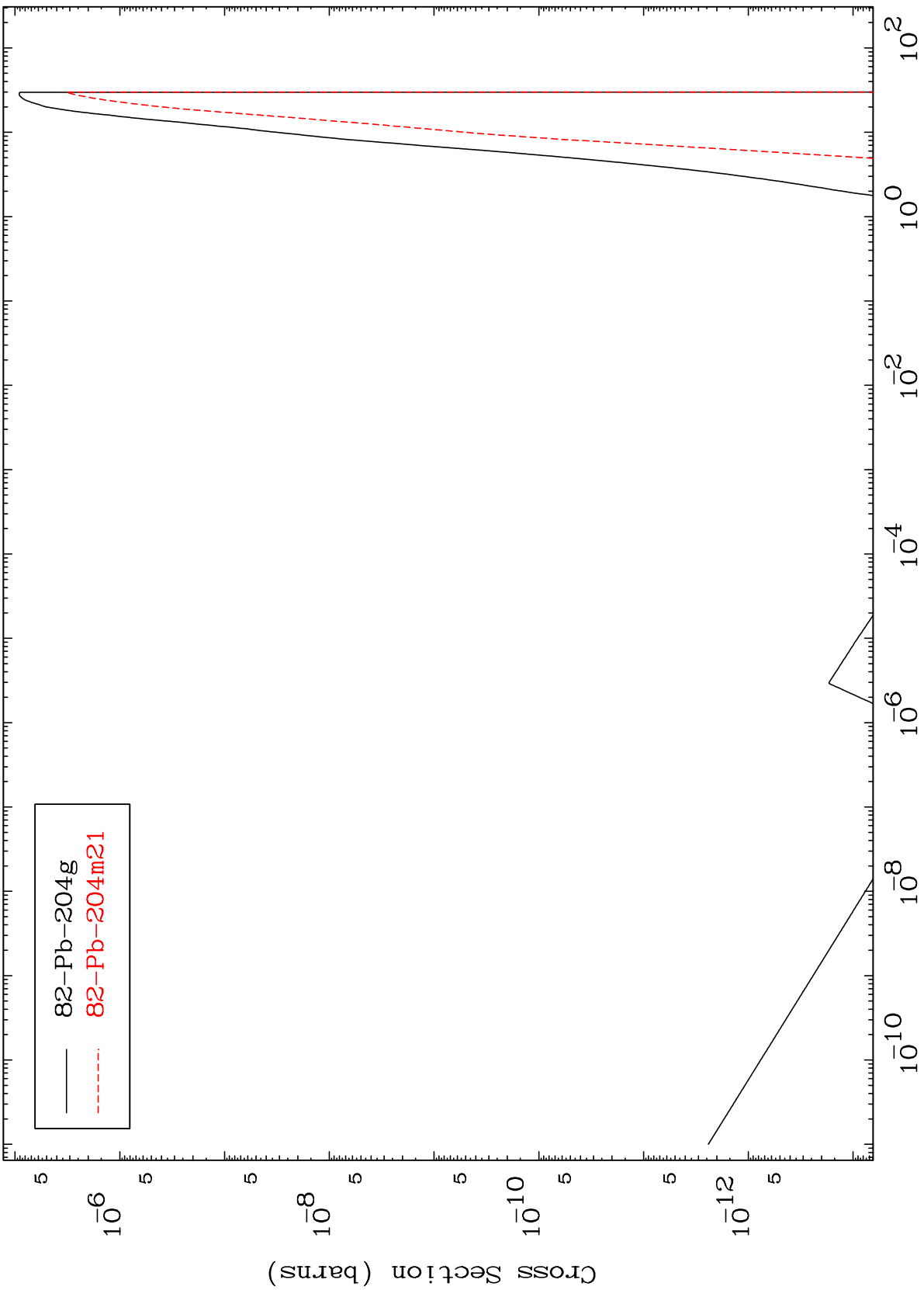
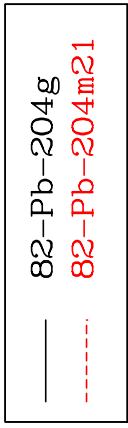
85-At-208

MAT 8540

(n,p)  $\alpha$

85-At-208

Radionuclide Production Cross Section



109

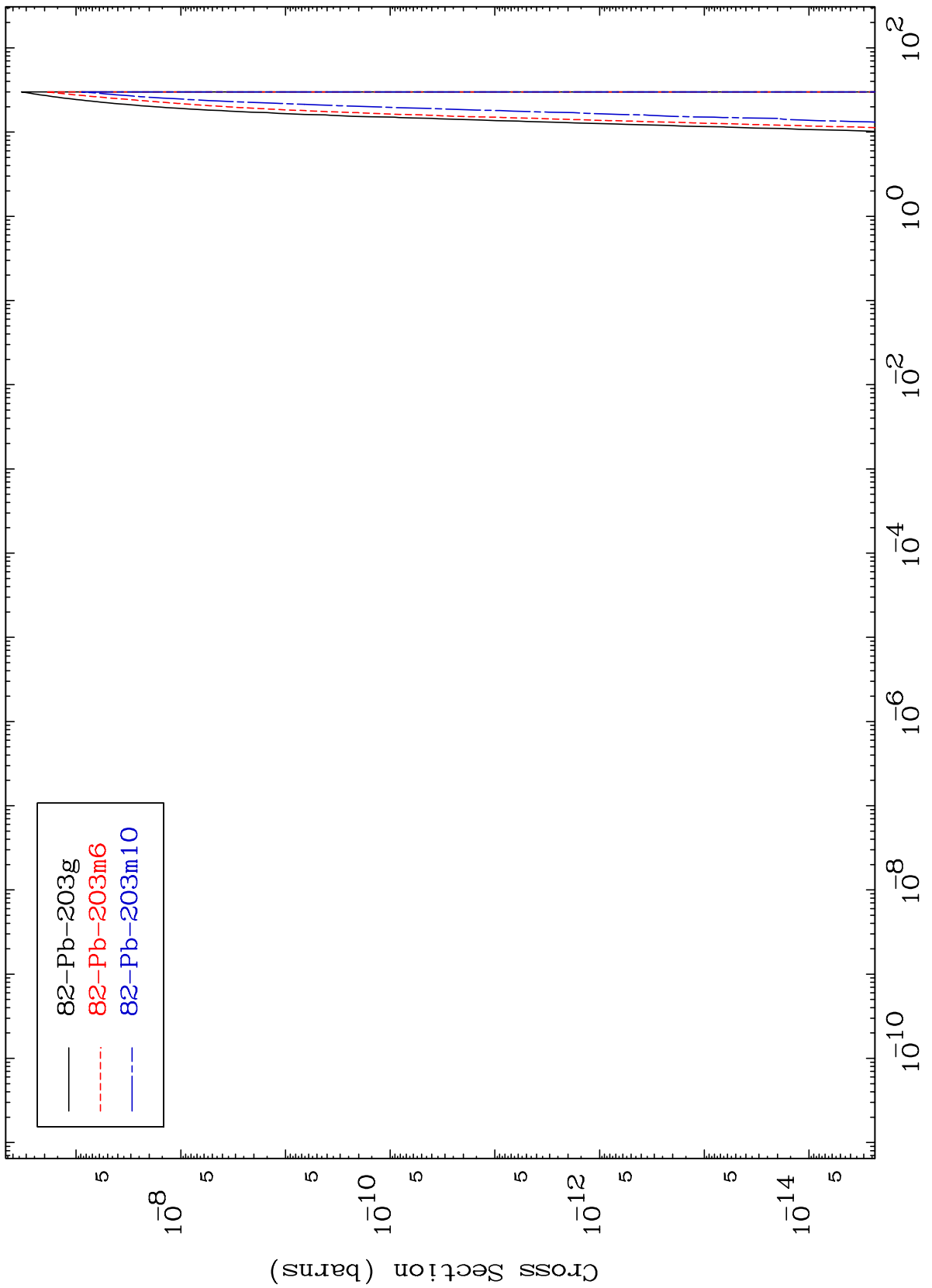
85-At-208

MAT 8540

(n,d)  $\alpha$

85-At-208

Radionuclide Production Cross Section



110

Incident Energy (MeV)

85-At-208