

Program EVALPLOT  
(Version 2018-1)

by

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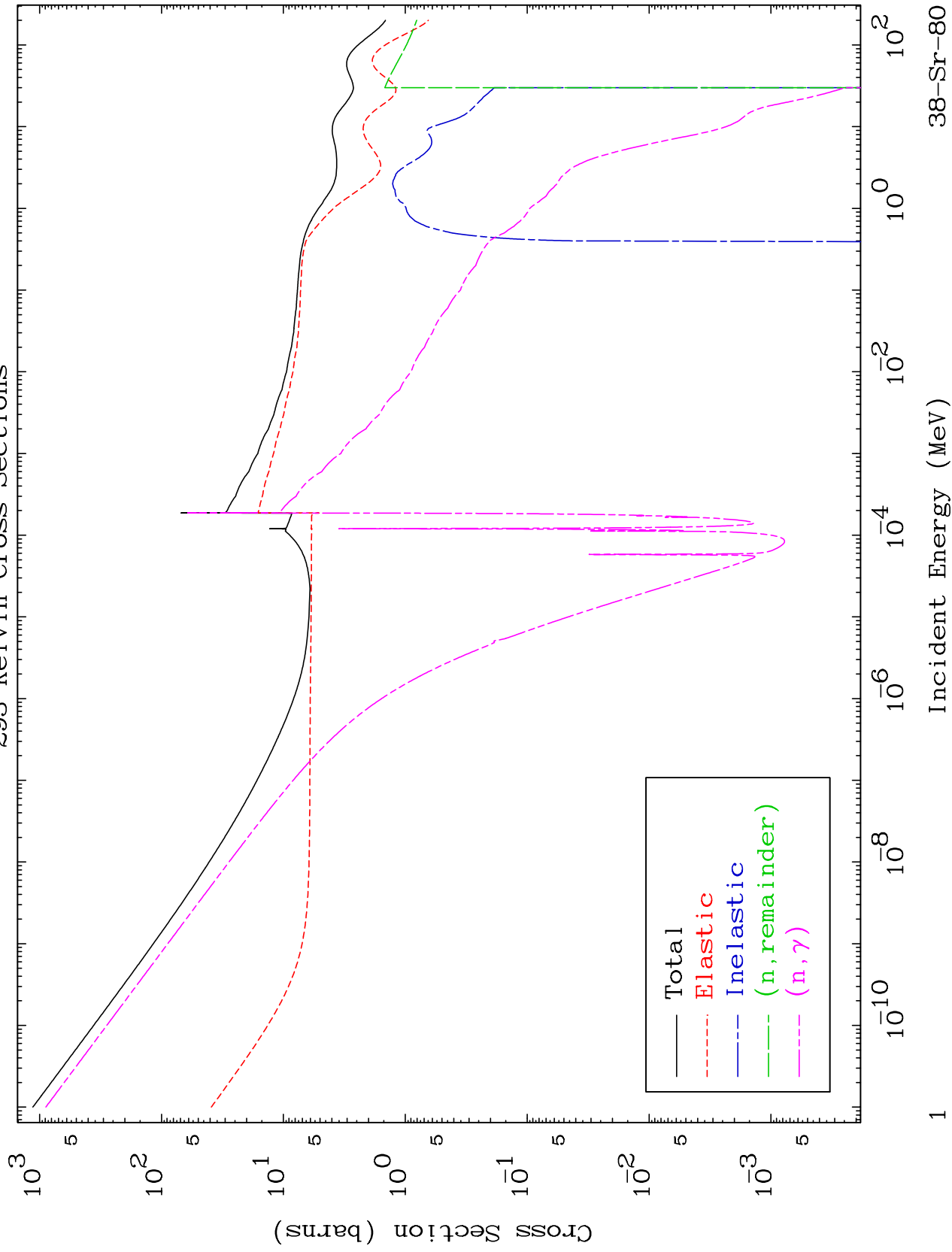
Press Mouse Button to Start

MAT 3813

Major

293 Kelvin Cross Sections

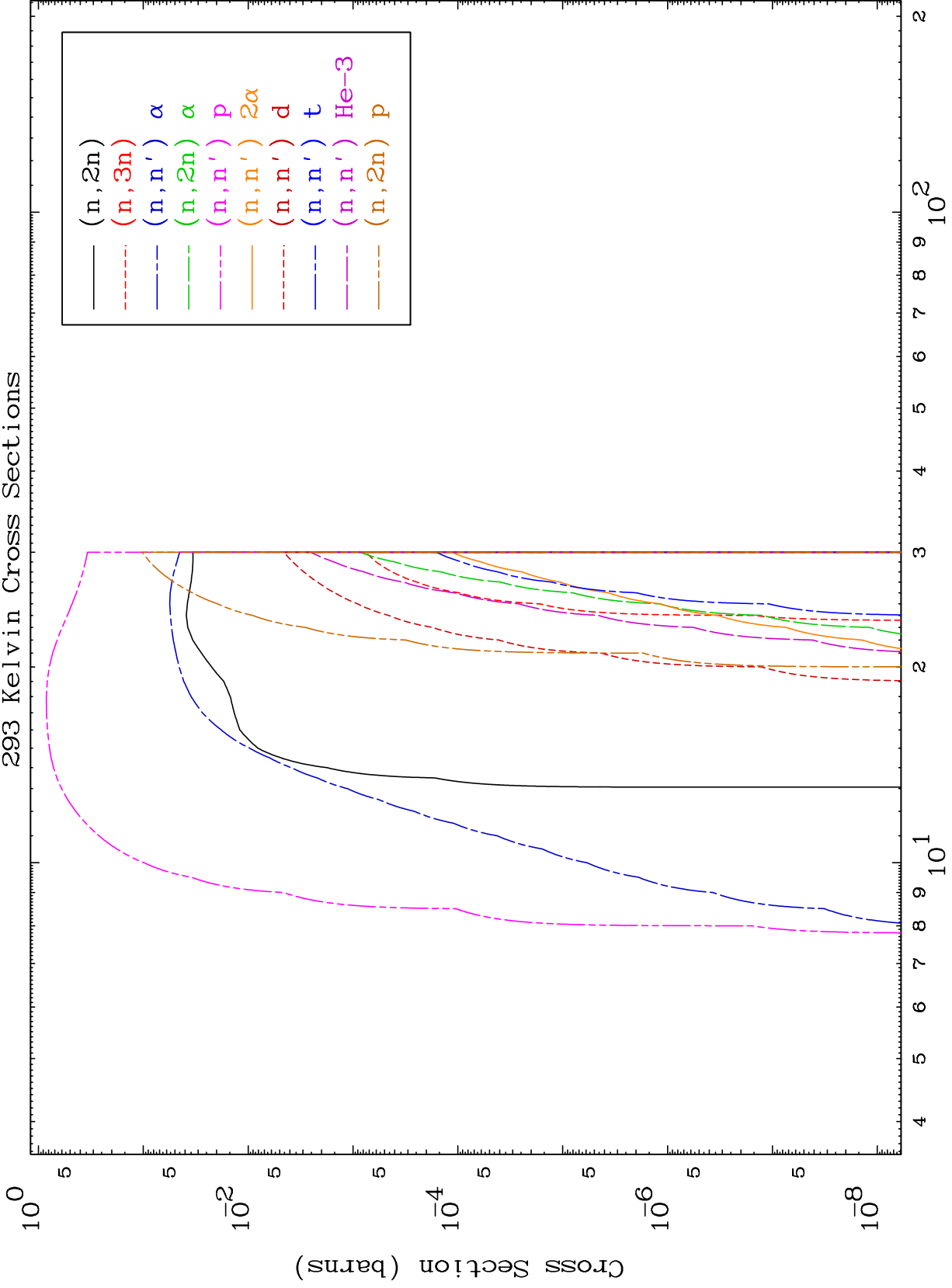
38-Sr-80



MAT 3813

Neutron Production  
293 Kelvin Cross Sections

38-Sr-80



2

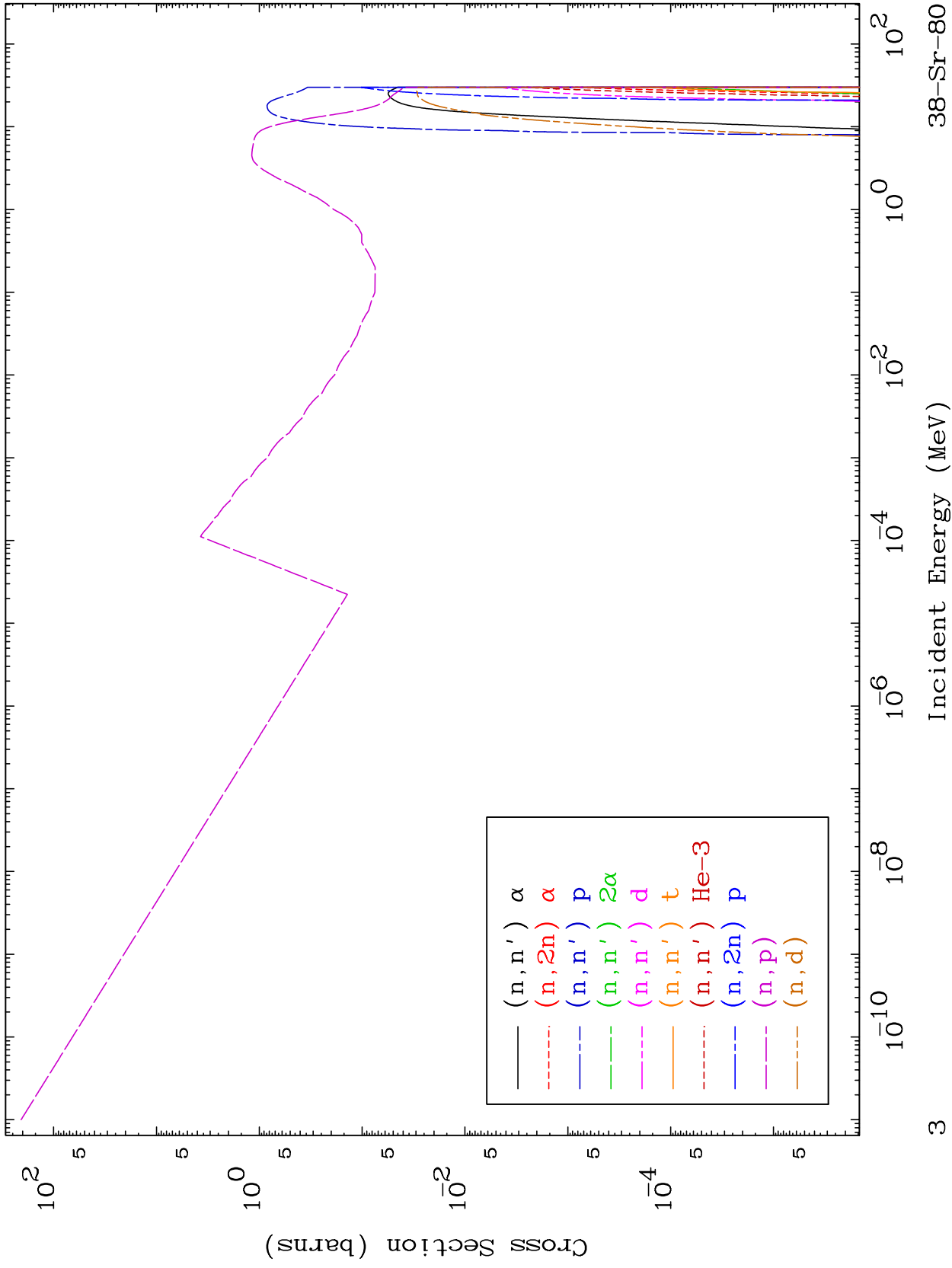
Incident Energy (MeV)

38-Sr-80

MAT 3813

Charged Particle  
293 Kelvin Cross Sections

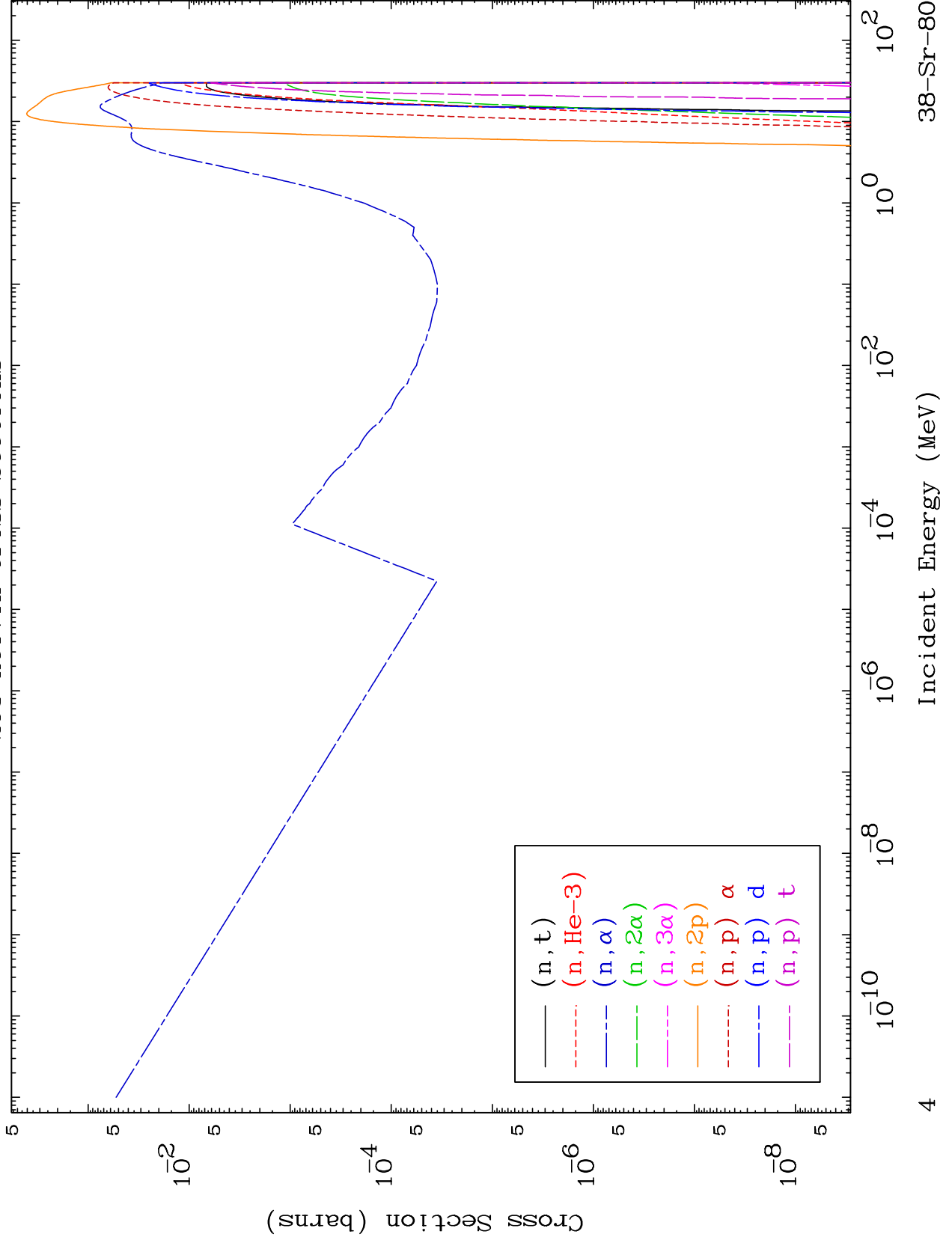
38-Sr-80



MAT 3813

Charged Particle  
293 Kelvin Cross Sections

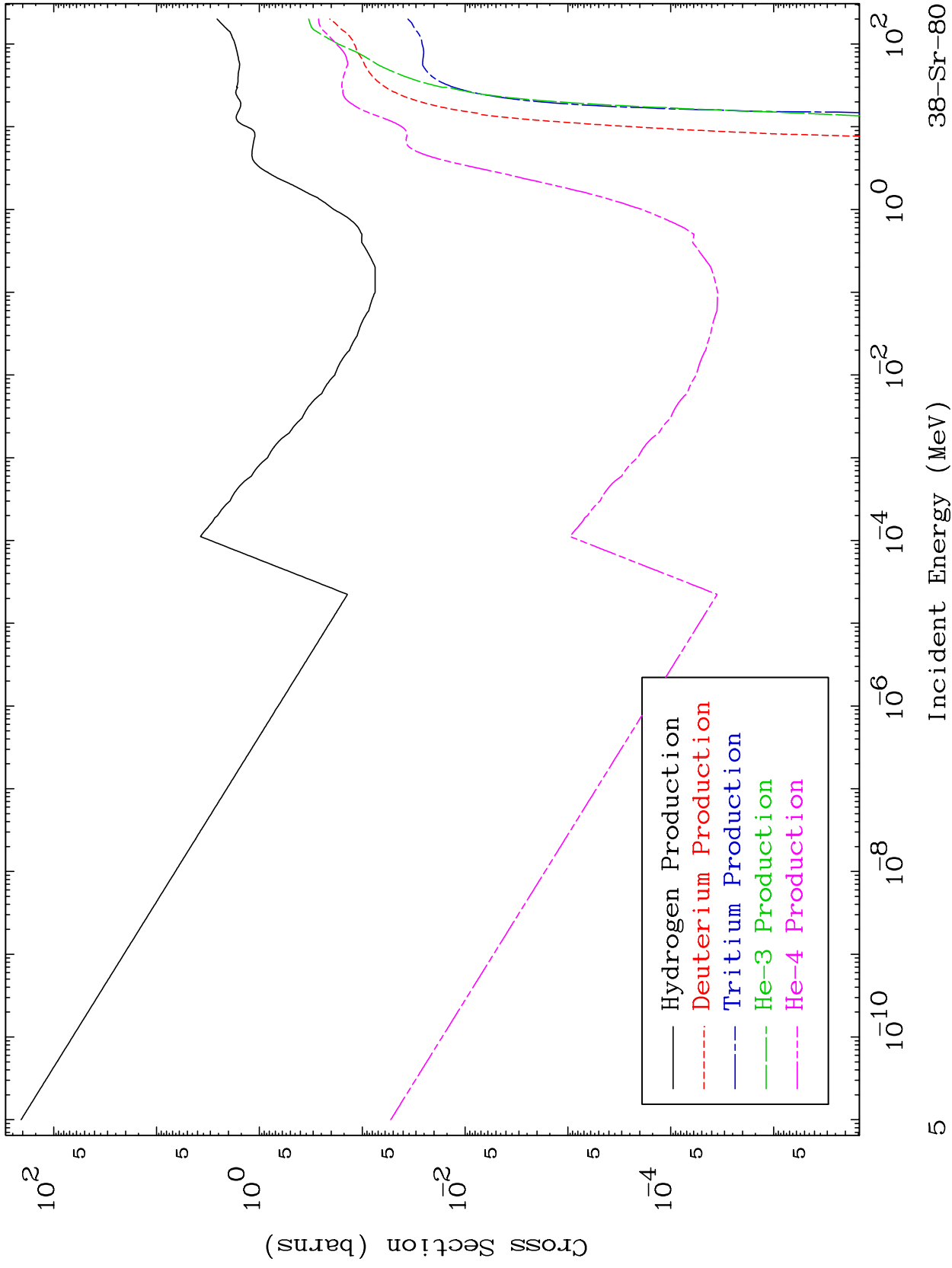
38-Sr-80



MAT 3813

Particle Production  
293 Kelvin Cross Sections

38-Sr-80

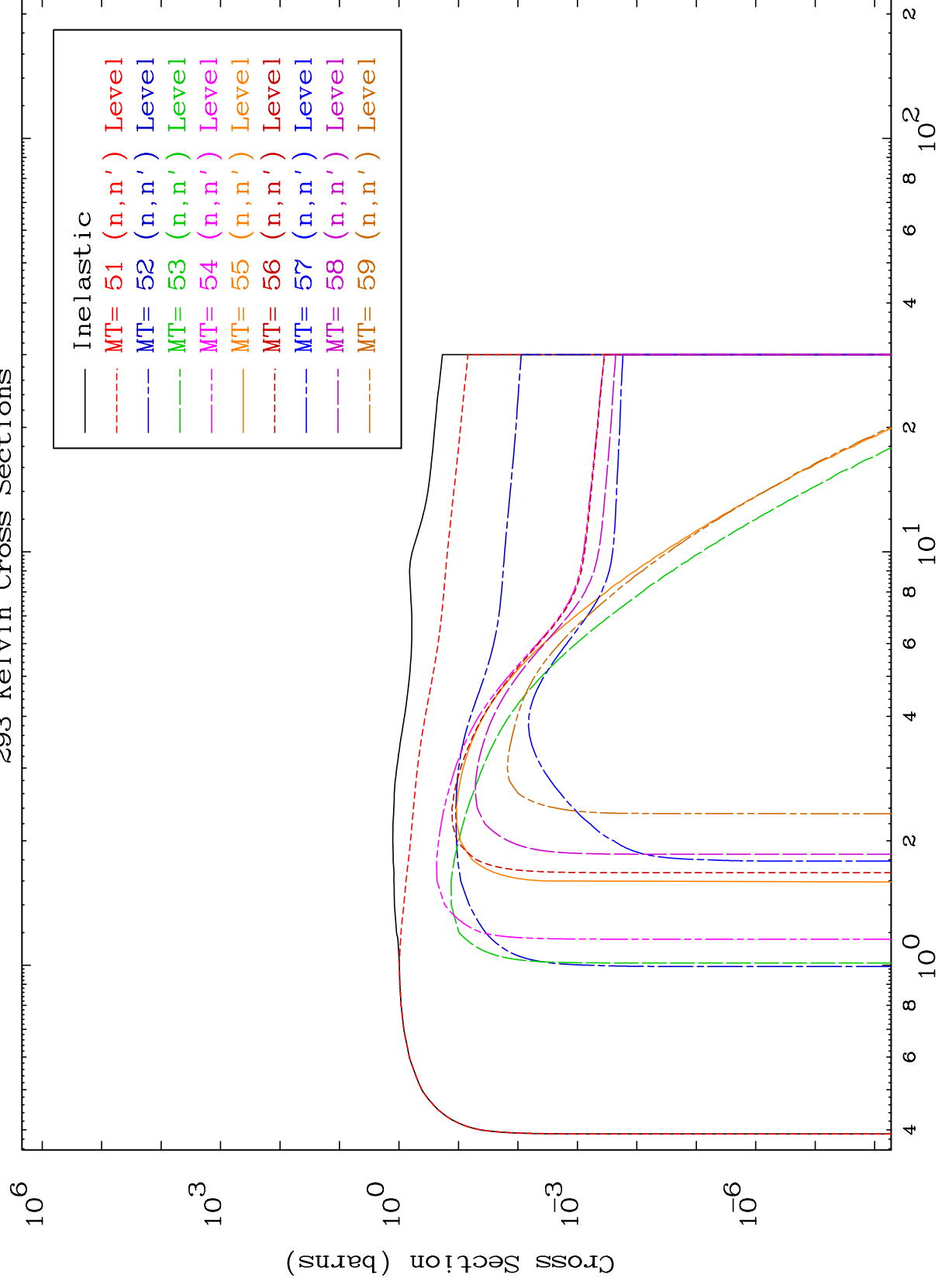


MAT 3813

(n,n') Level

38-Sr-80

293 Kelvin Cross Sections



6

Incident Energy (MeV)

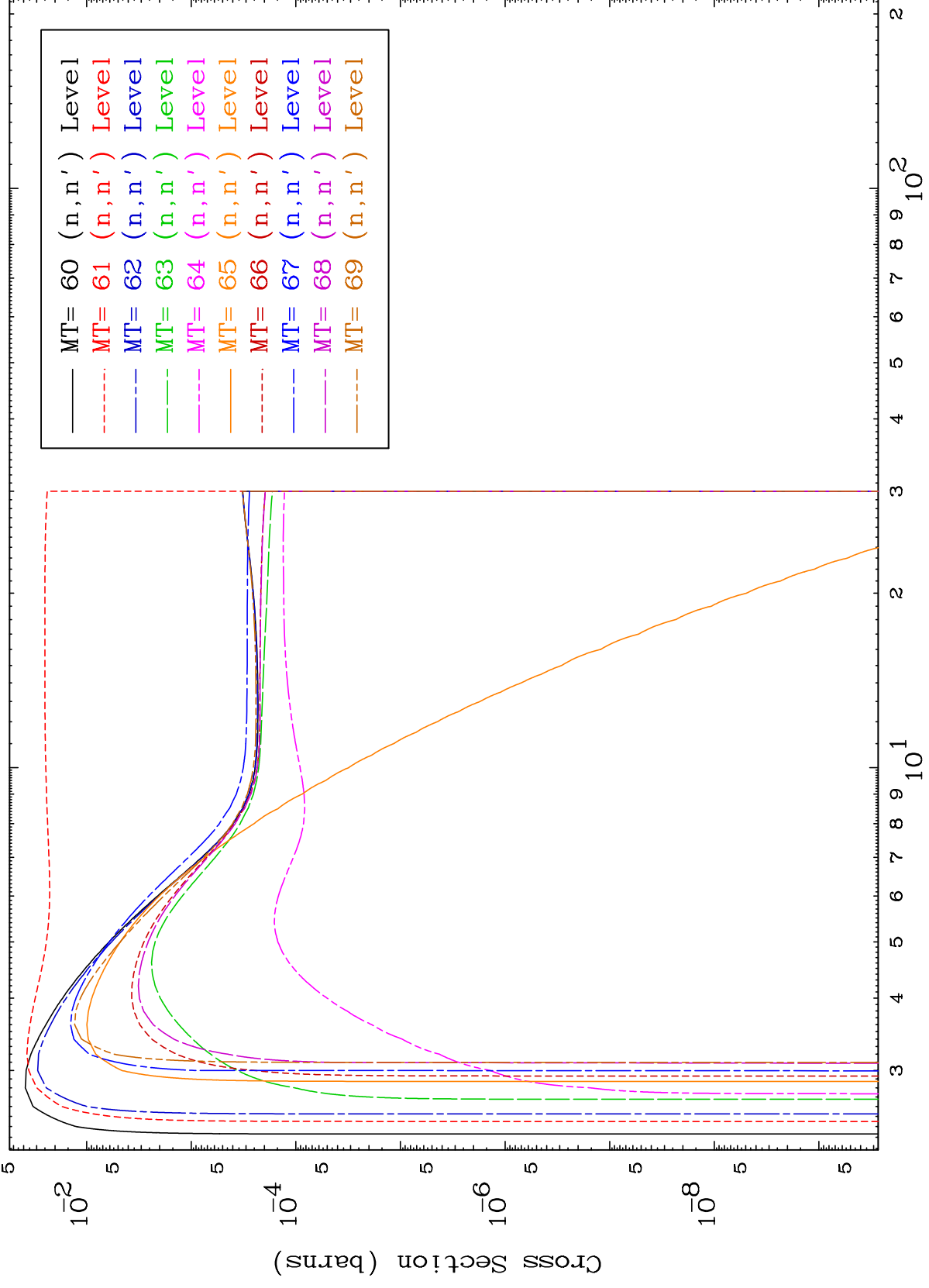
38-Sr-80

MAT 3813

(n,n') Level

38-Sr-80

293 Kelvin Cross Sections



7

Incident Energy (MeV)

38-Sr-80

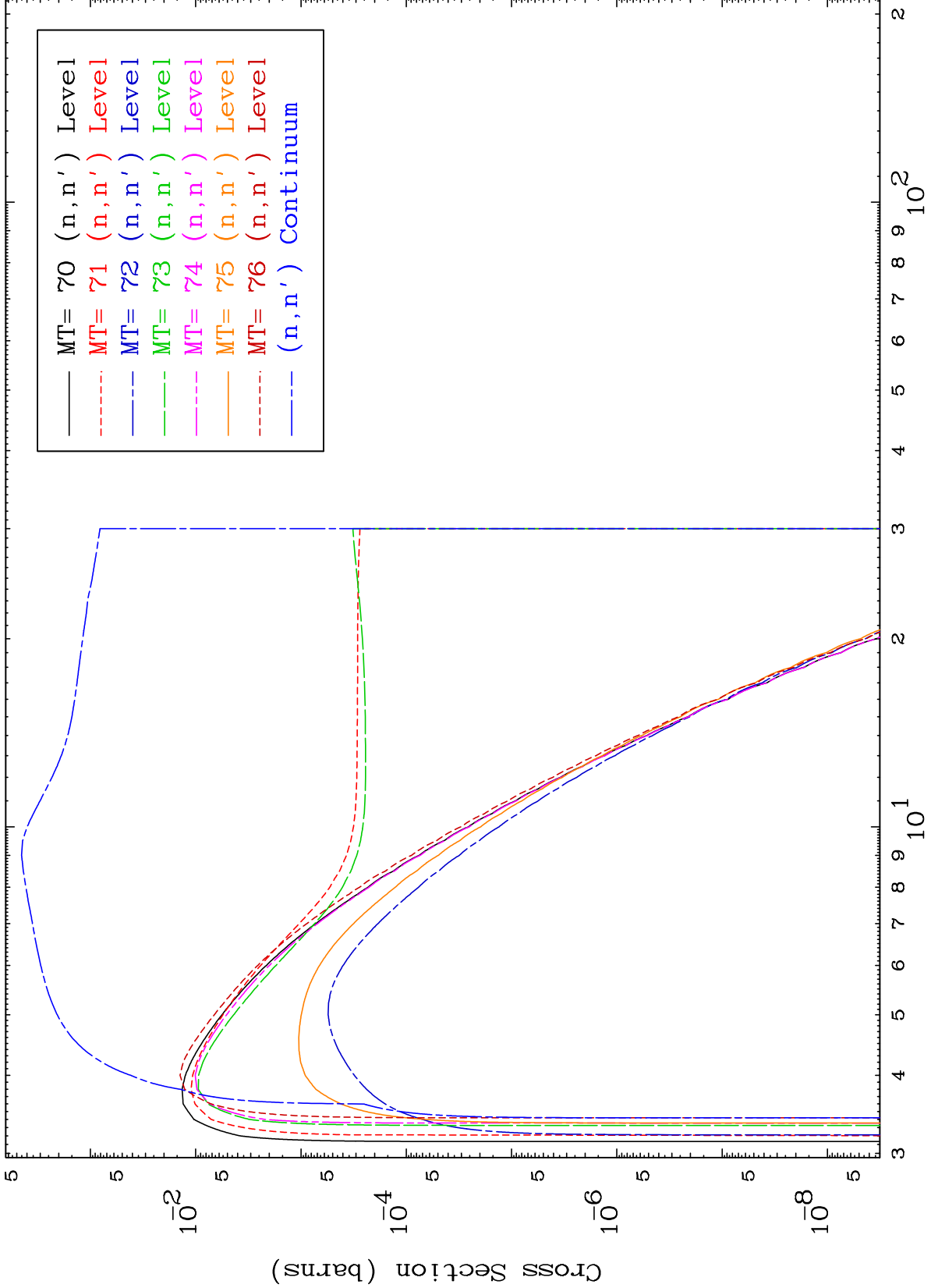


MAT 3813

(n,n') Level

38-Sr-80

293 Kelvin Cross Sections



Incident Energy (MeV)

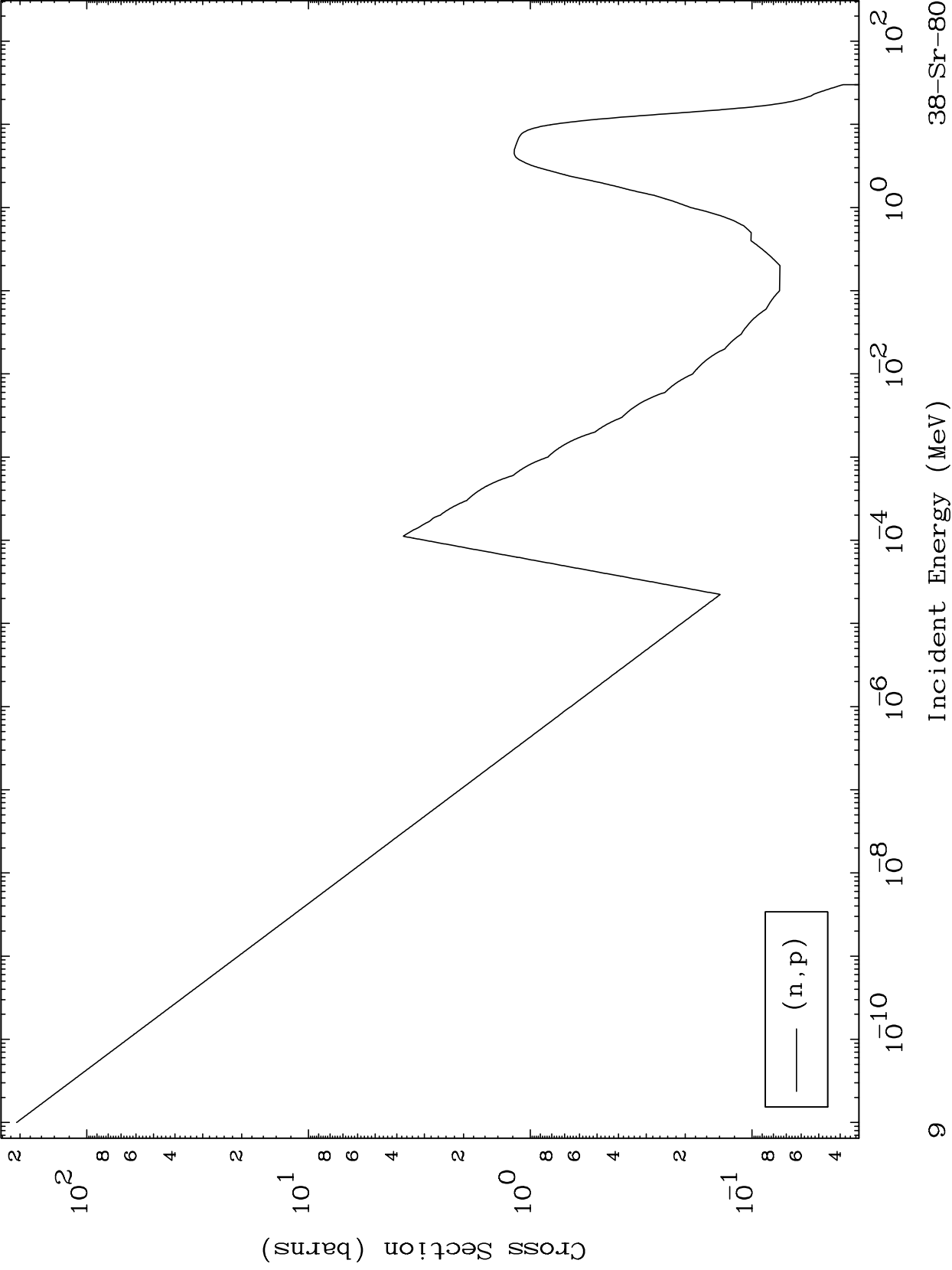
38-Sr-80

8

MAT 3813

(n,p) Levels  
293 Kelvin Cross Sections

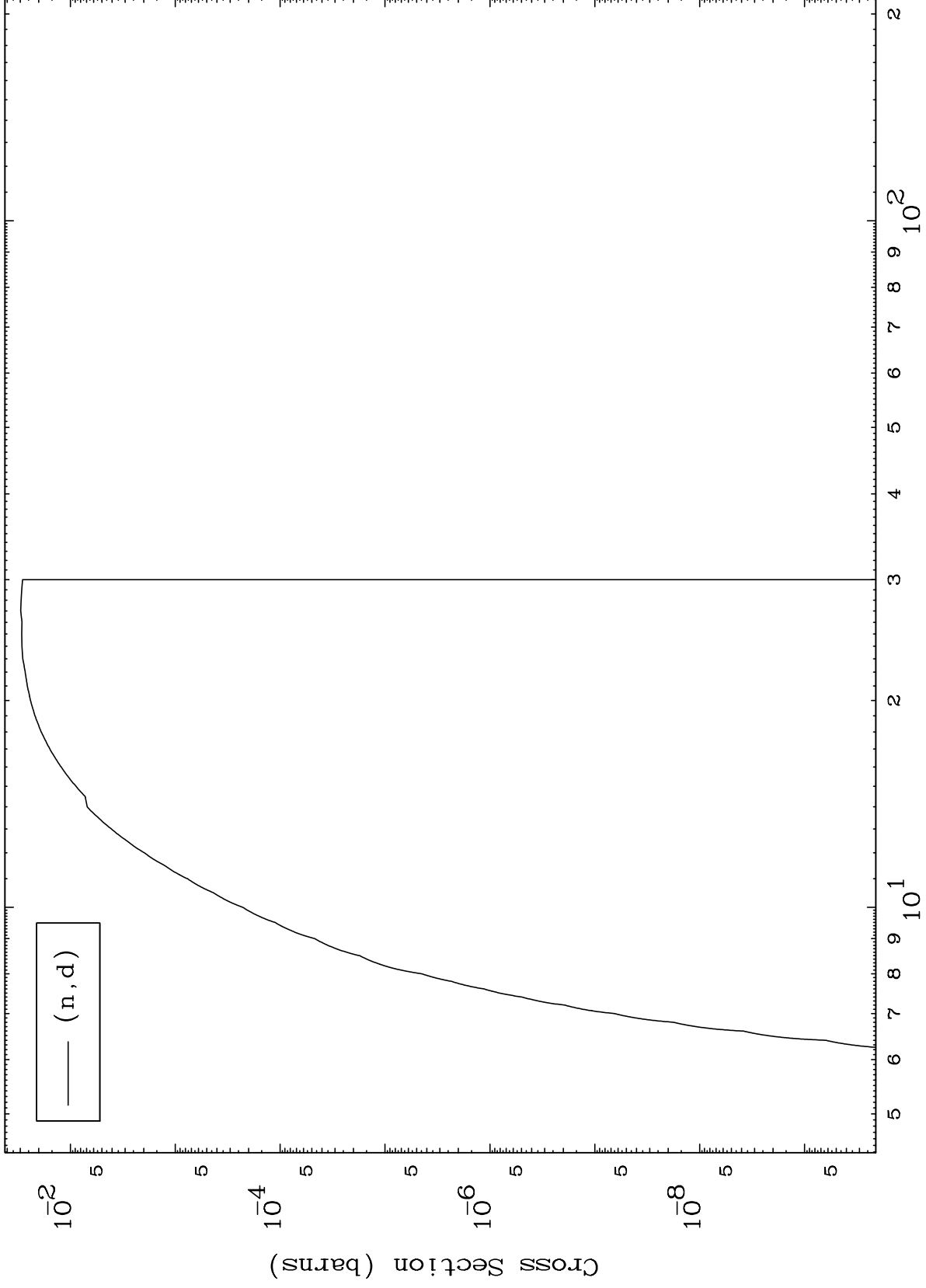
38-Sr-80



MAT 3813

(n,d) Levels  
293 Kelvin Cross Sections

38-Sr-80



10

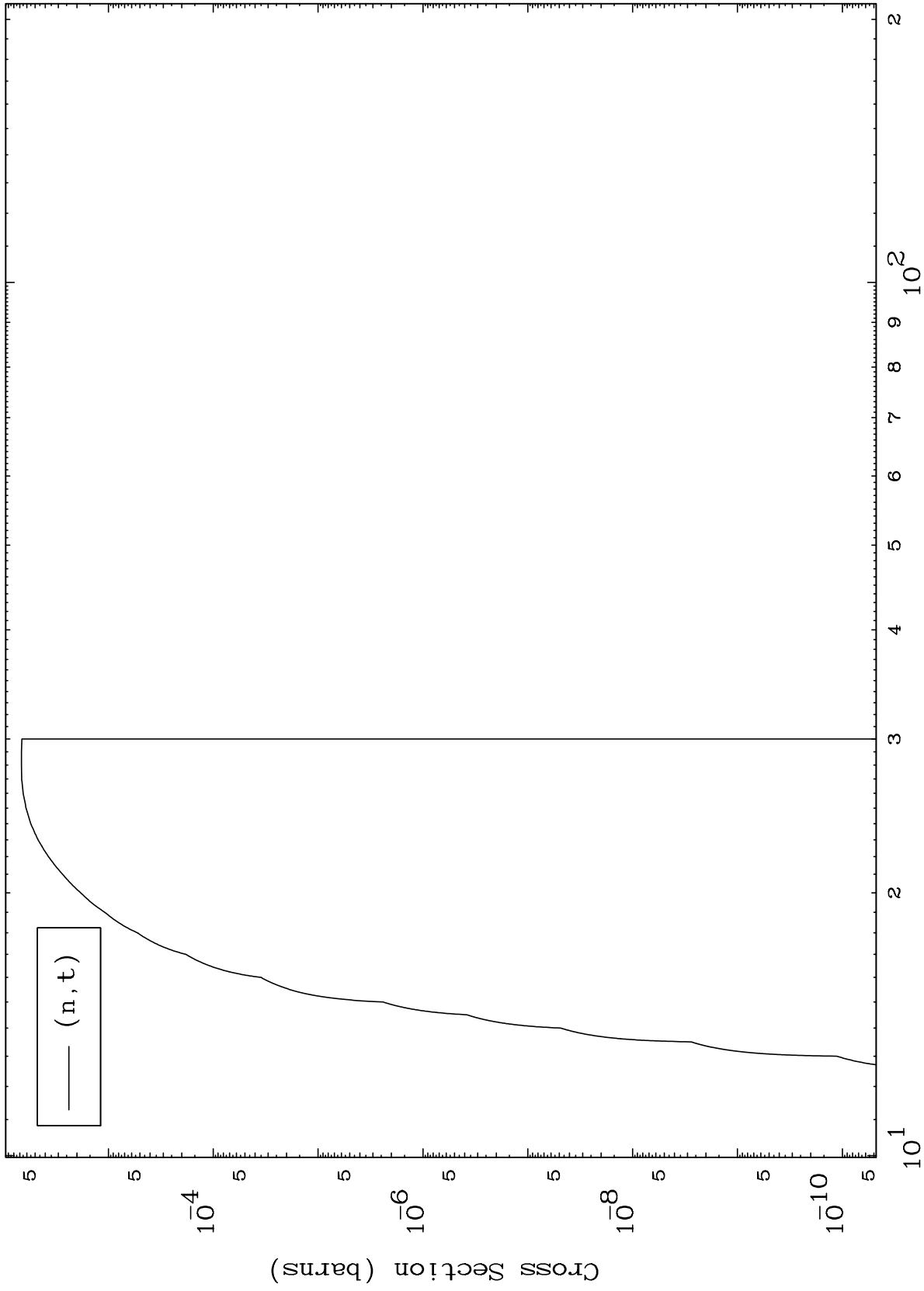
Incident Energy (MeV)

38-Sr-80

MAT 3813

(n,t) Levels  
293 Kelvin Cross Sections

38-Sr-80



11

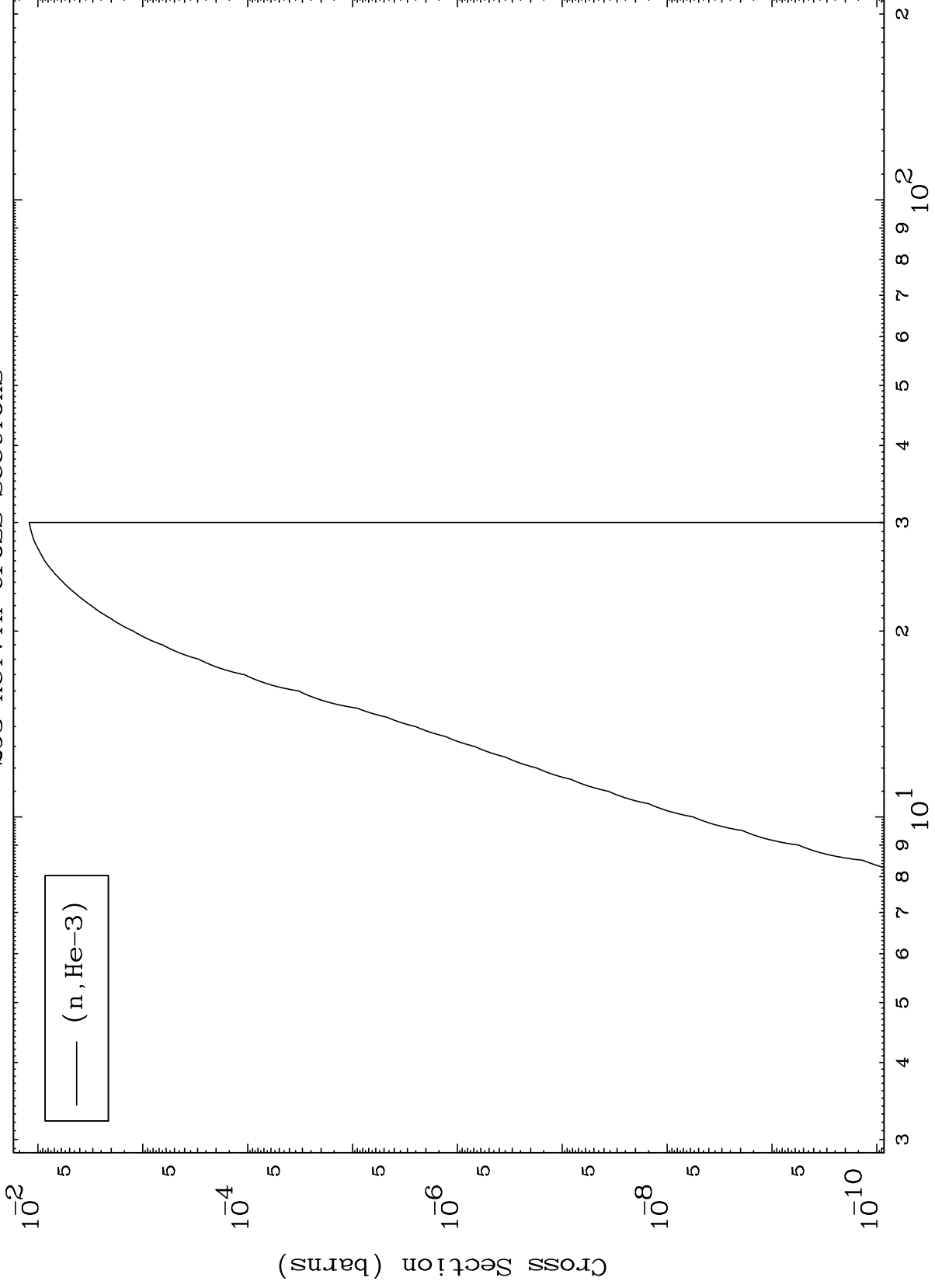
Incident Energy (MeV)

38-Sr-80

MAT 3813

(n,He3) Levels  
293 Kelvin Cross Sections

38-Sr-80



12

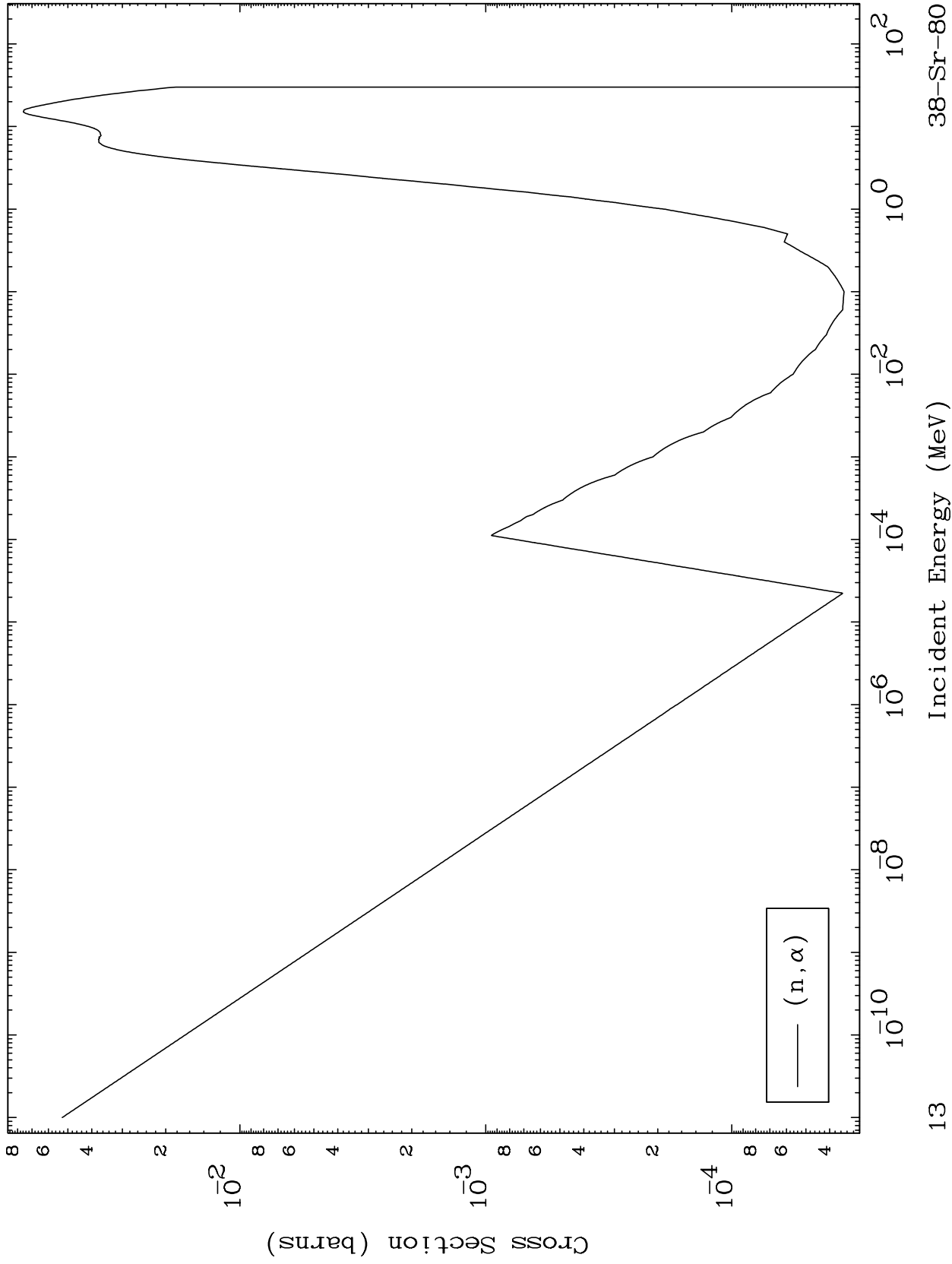
Incident Energy (MeV)

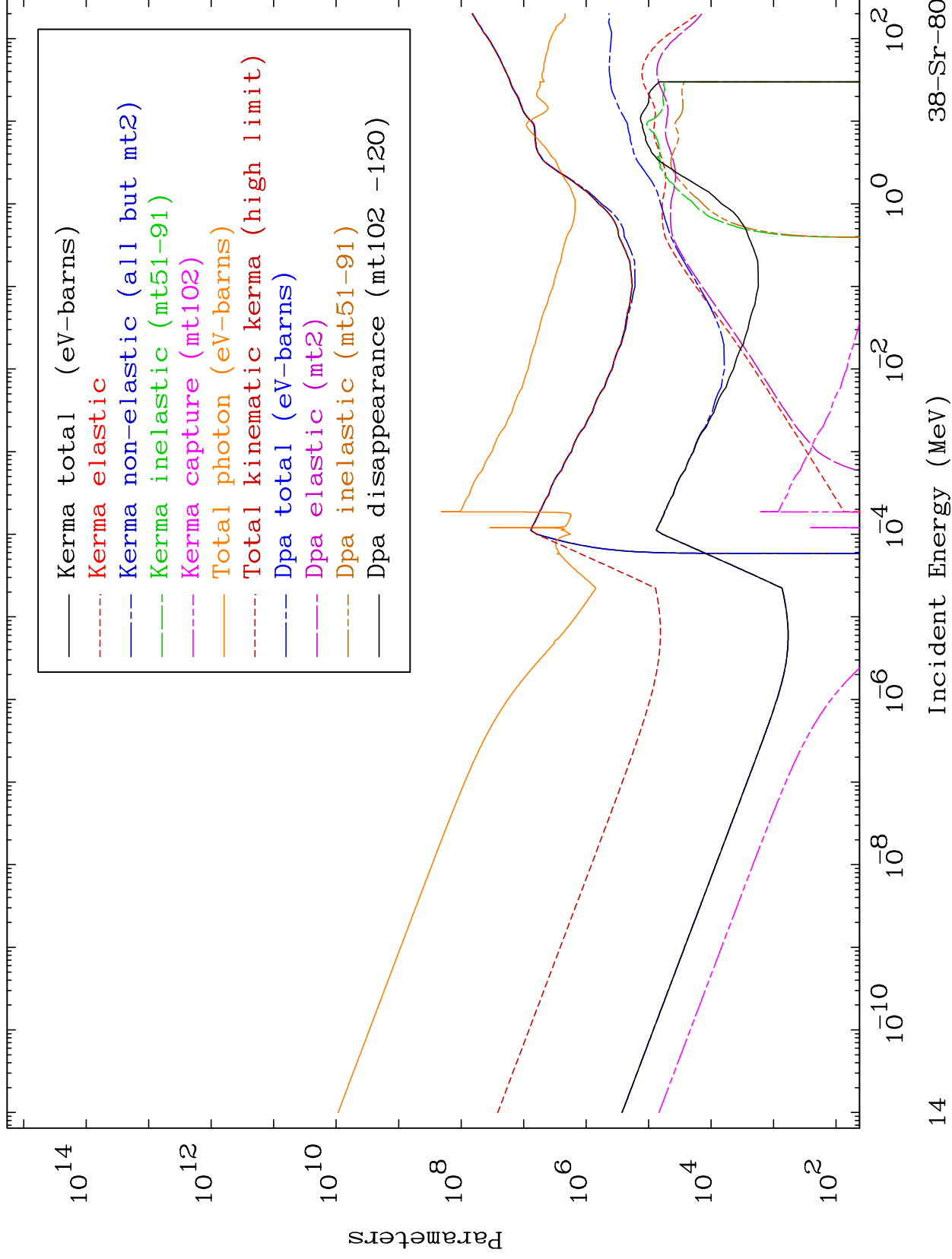
38-Sr-80

MAT 3813

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

38-Sr-80

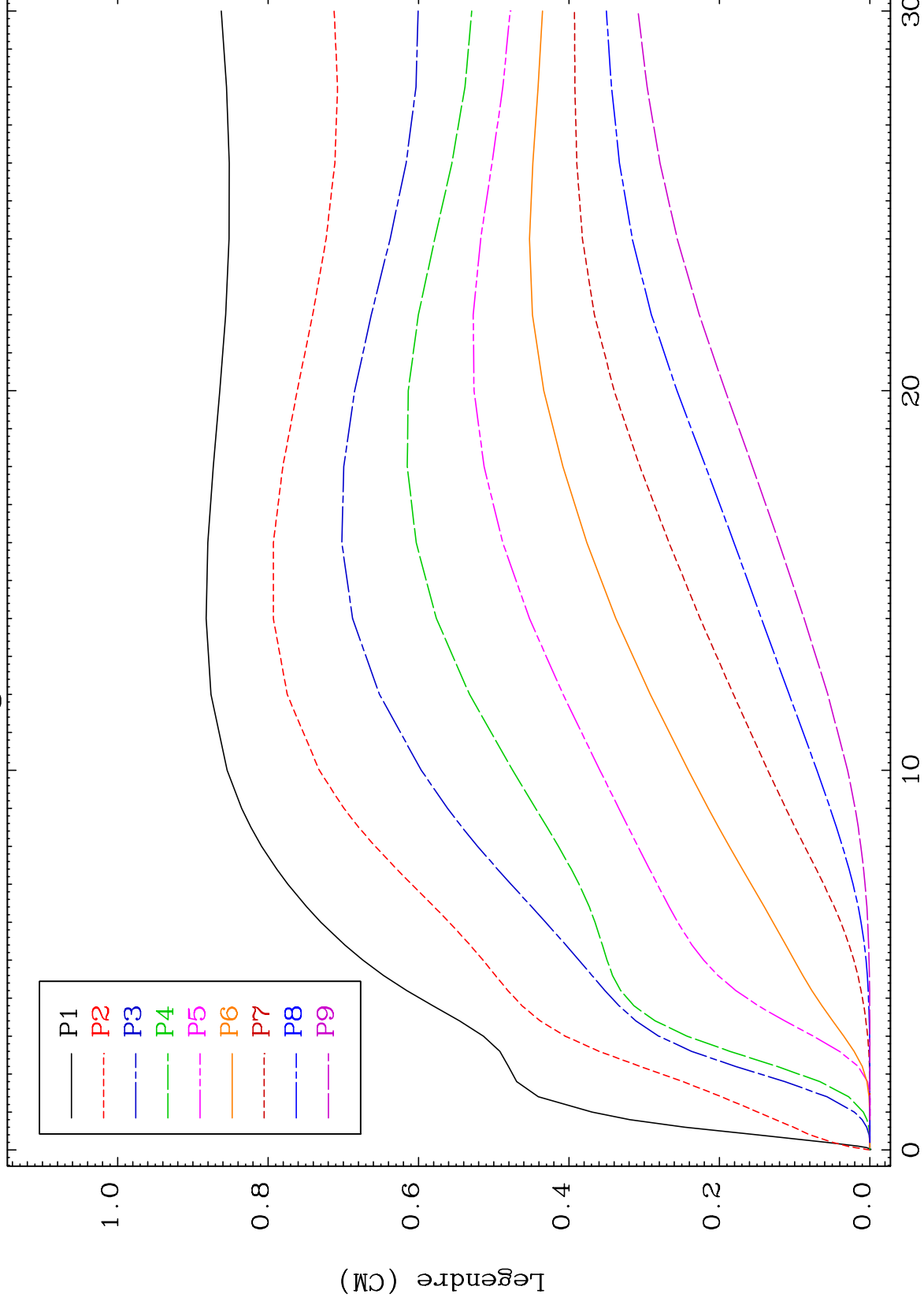




MAT 3813

Elastic Legendre Coefficients

<sup>38</sup>Sr-80

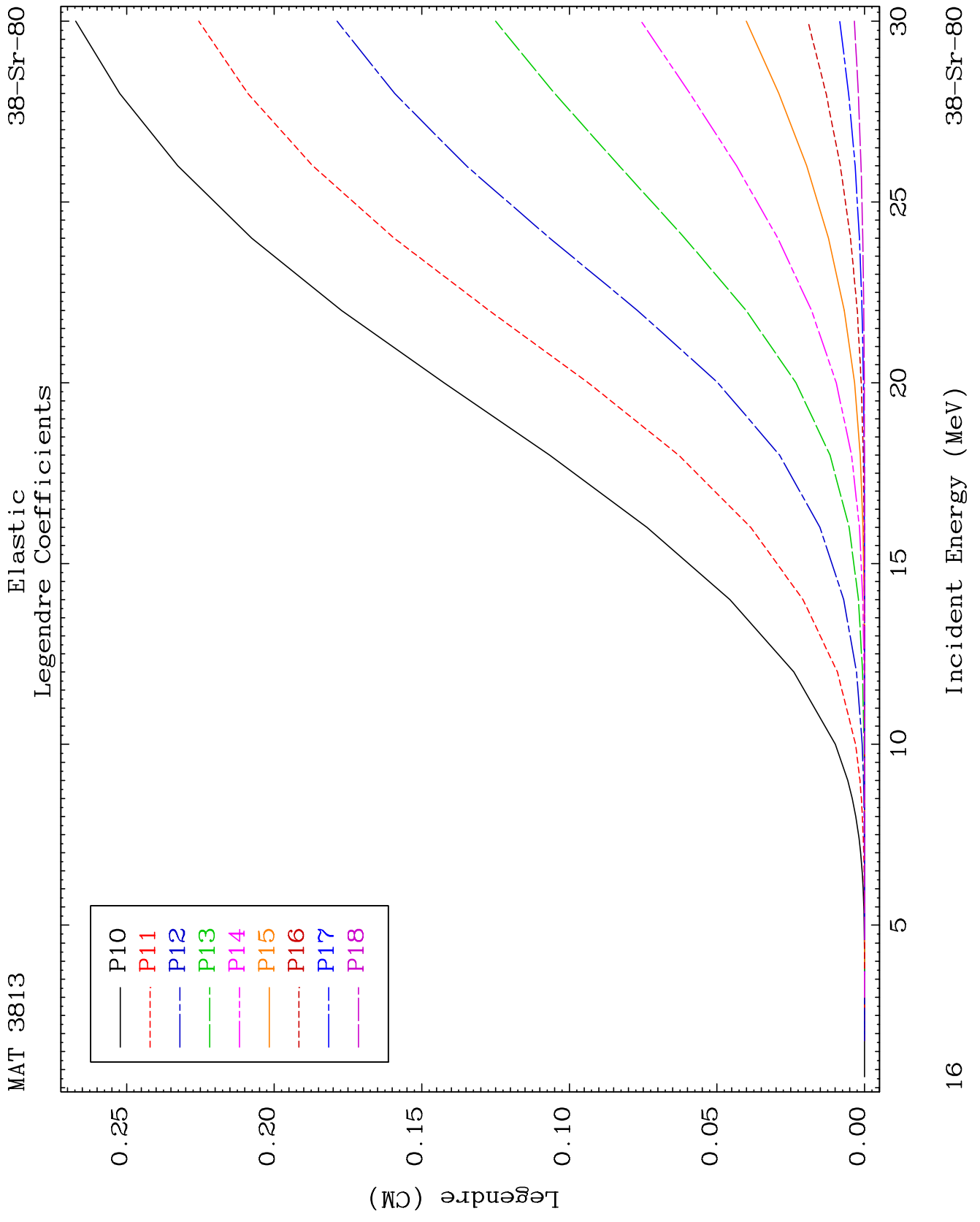


15

Incident Energy (MeV)

<sup>38</sup>Sr-80

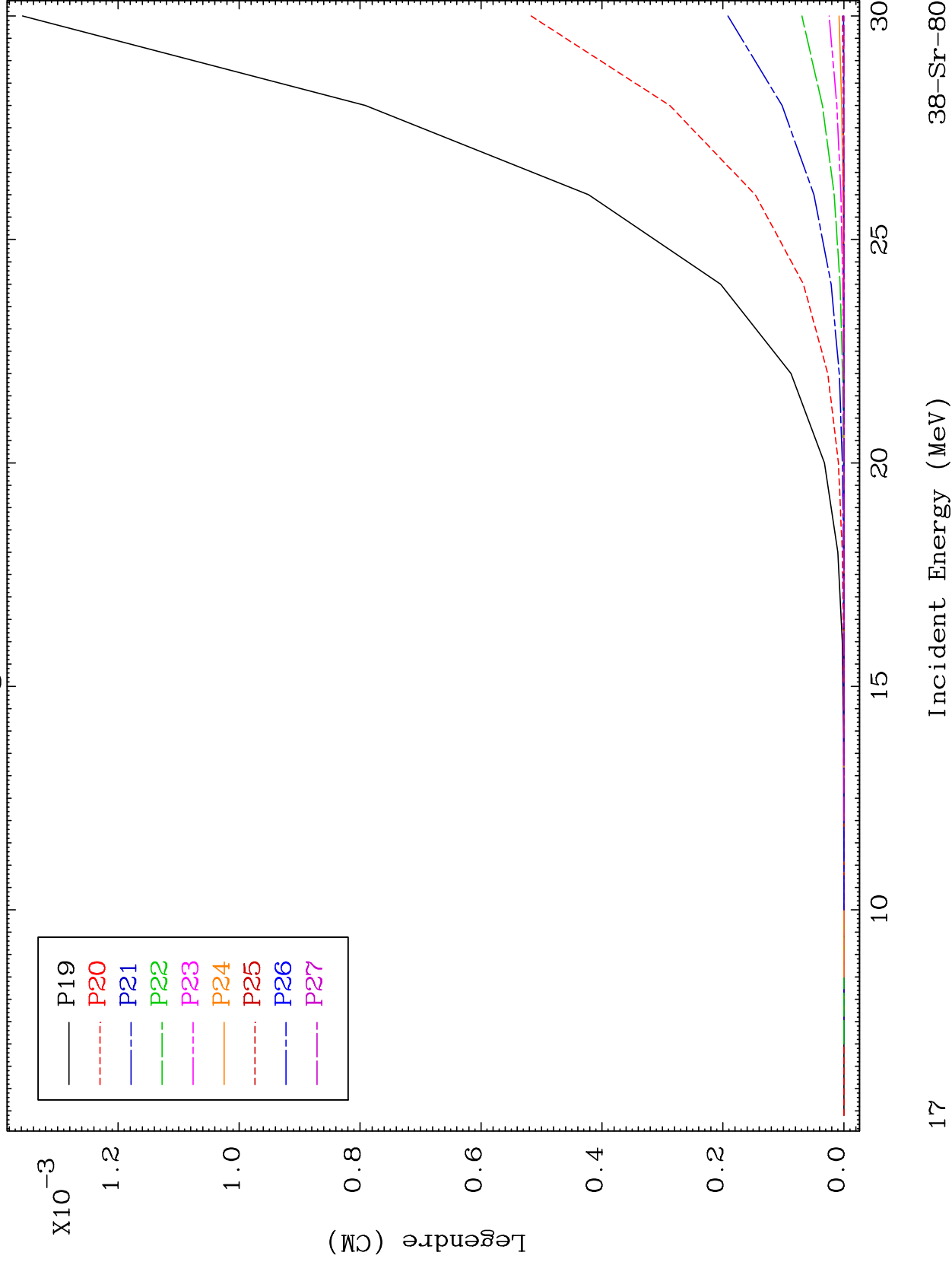




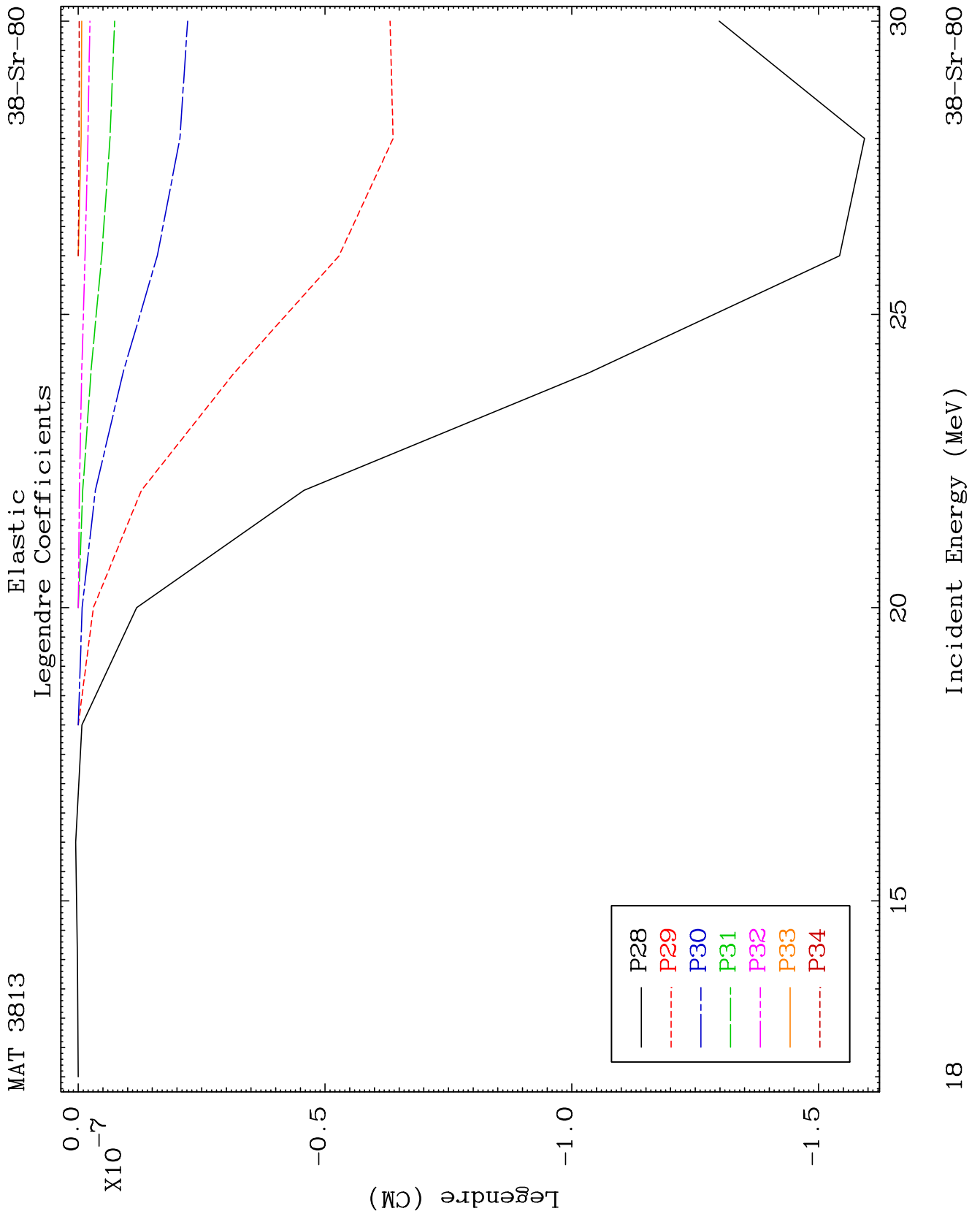
MAT 3813

Elastic Legendre Coefficients

<sup>38</sup>Sr-80



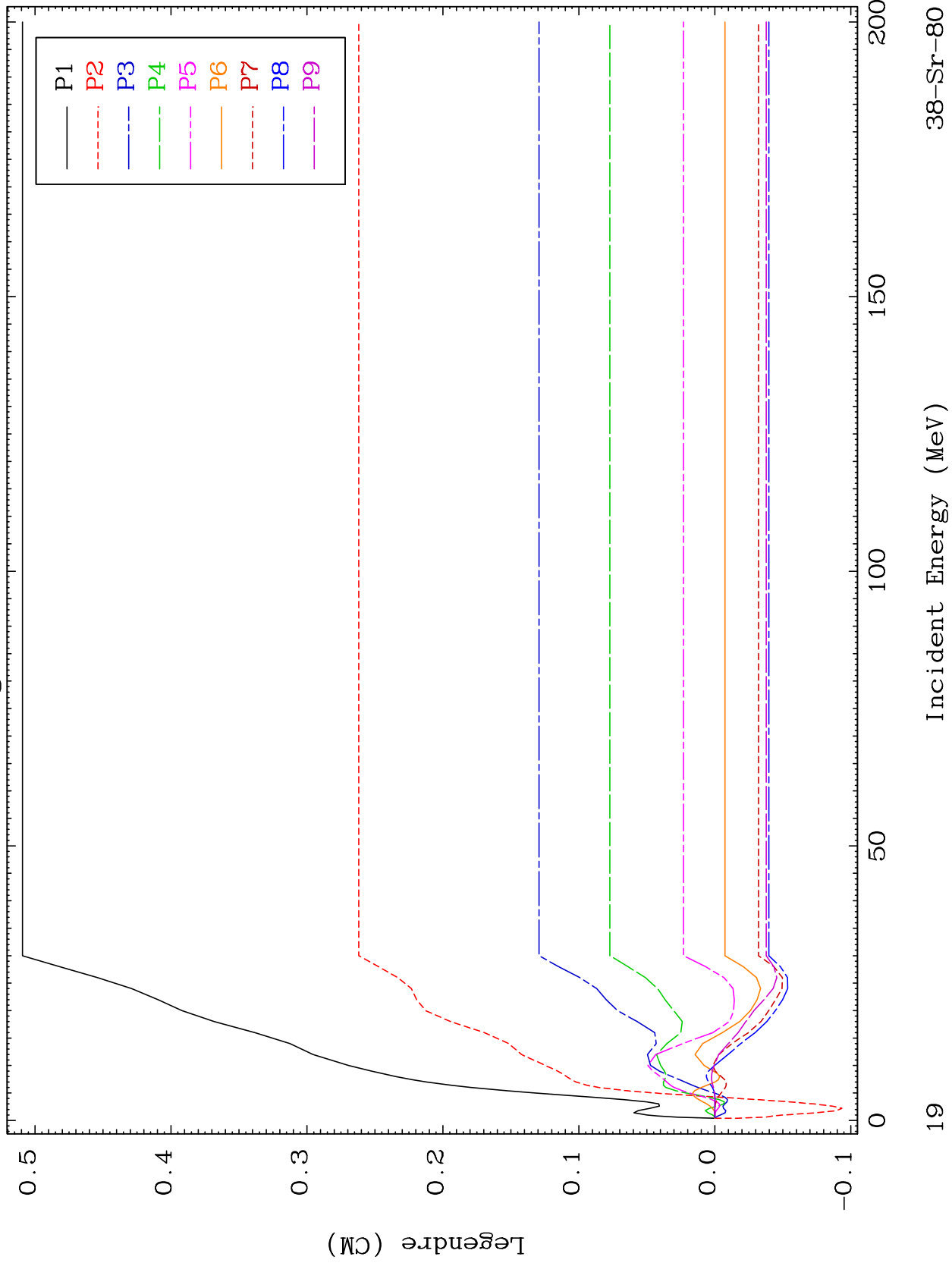
17



MAT 3813

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

38-Sr-80



19

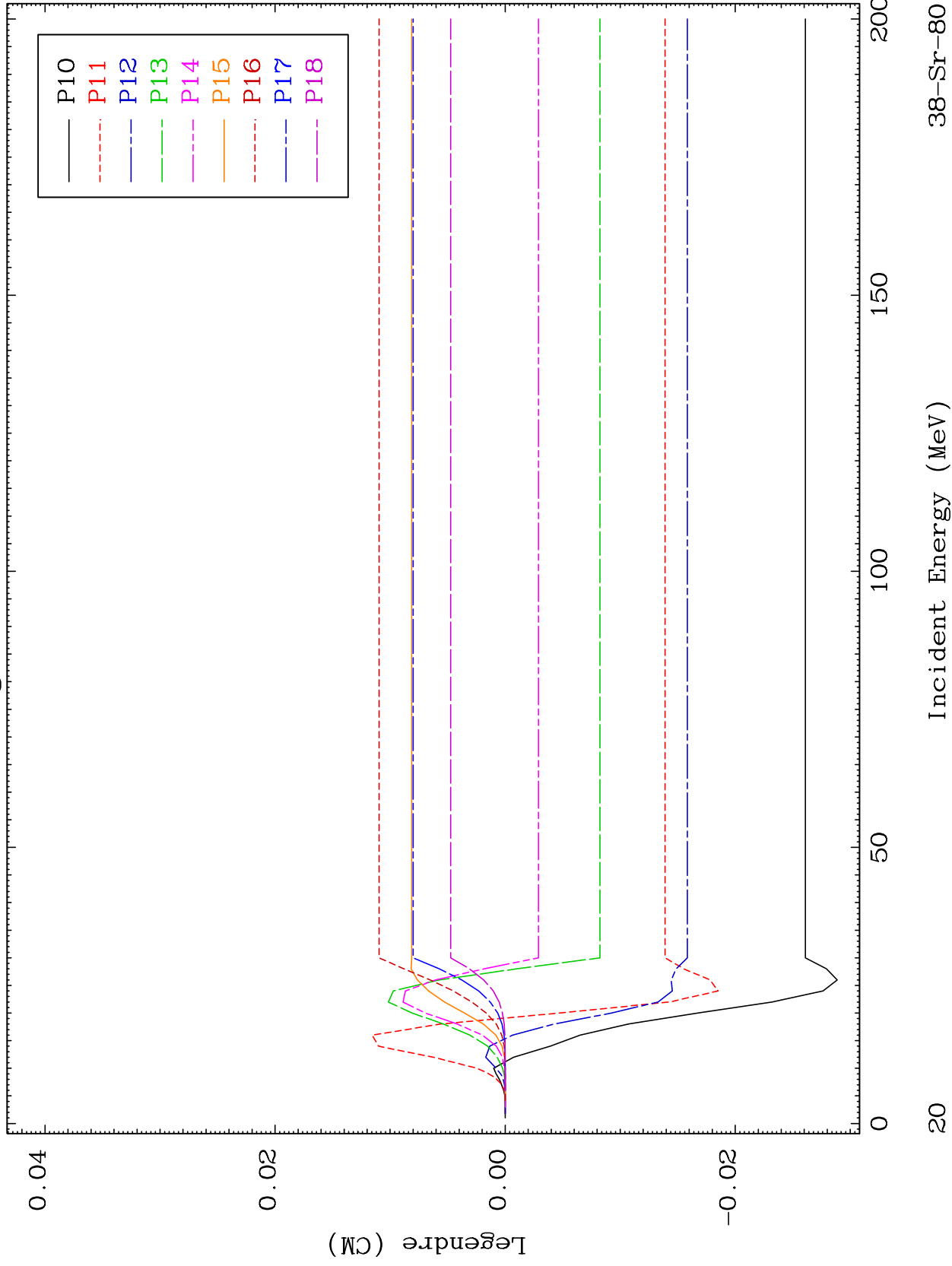
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

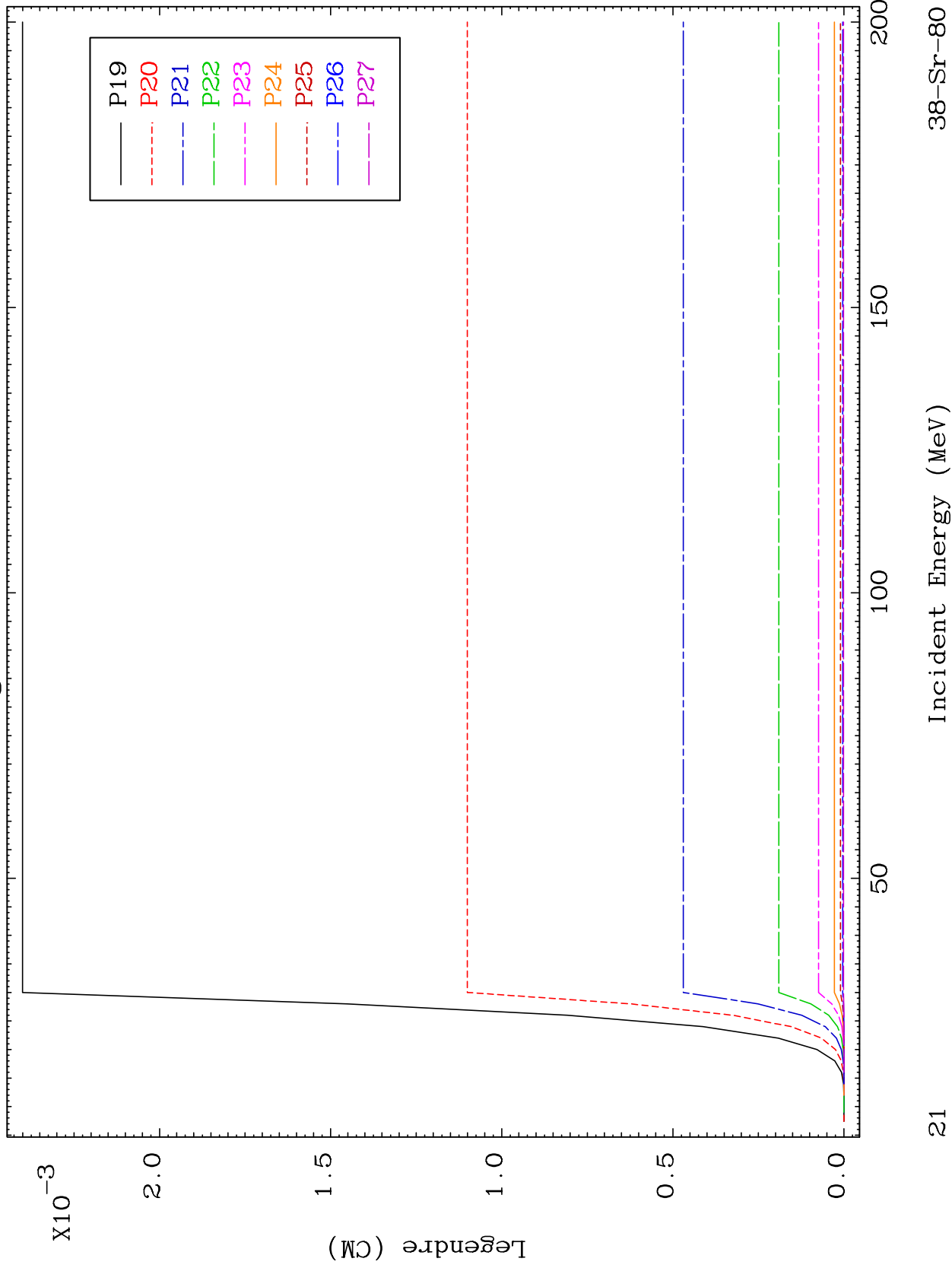
38-Sr-80



MAT 3813

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

38-Sr-80



21

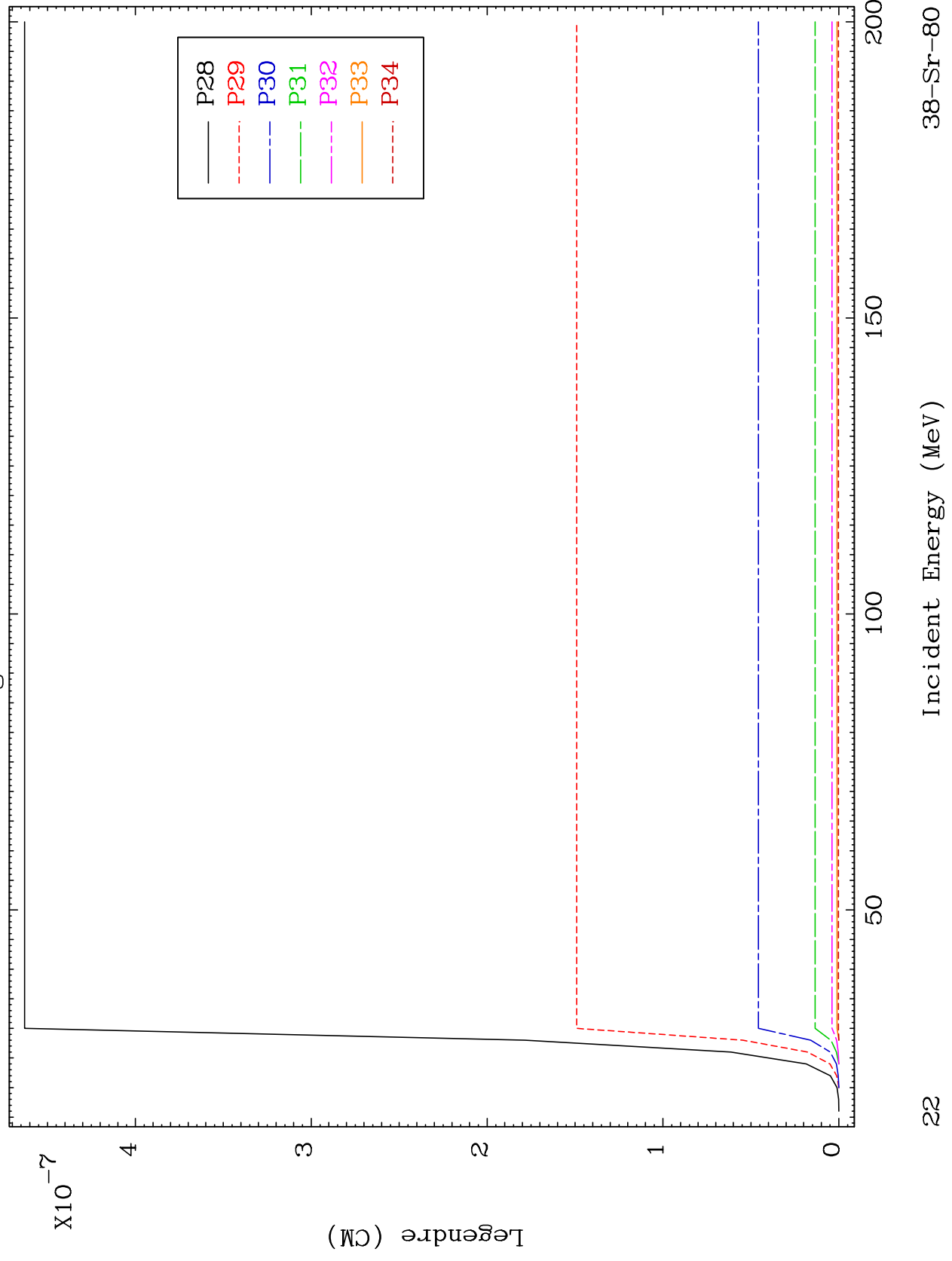
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



22

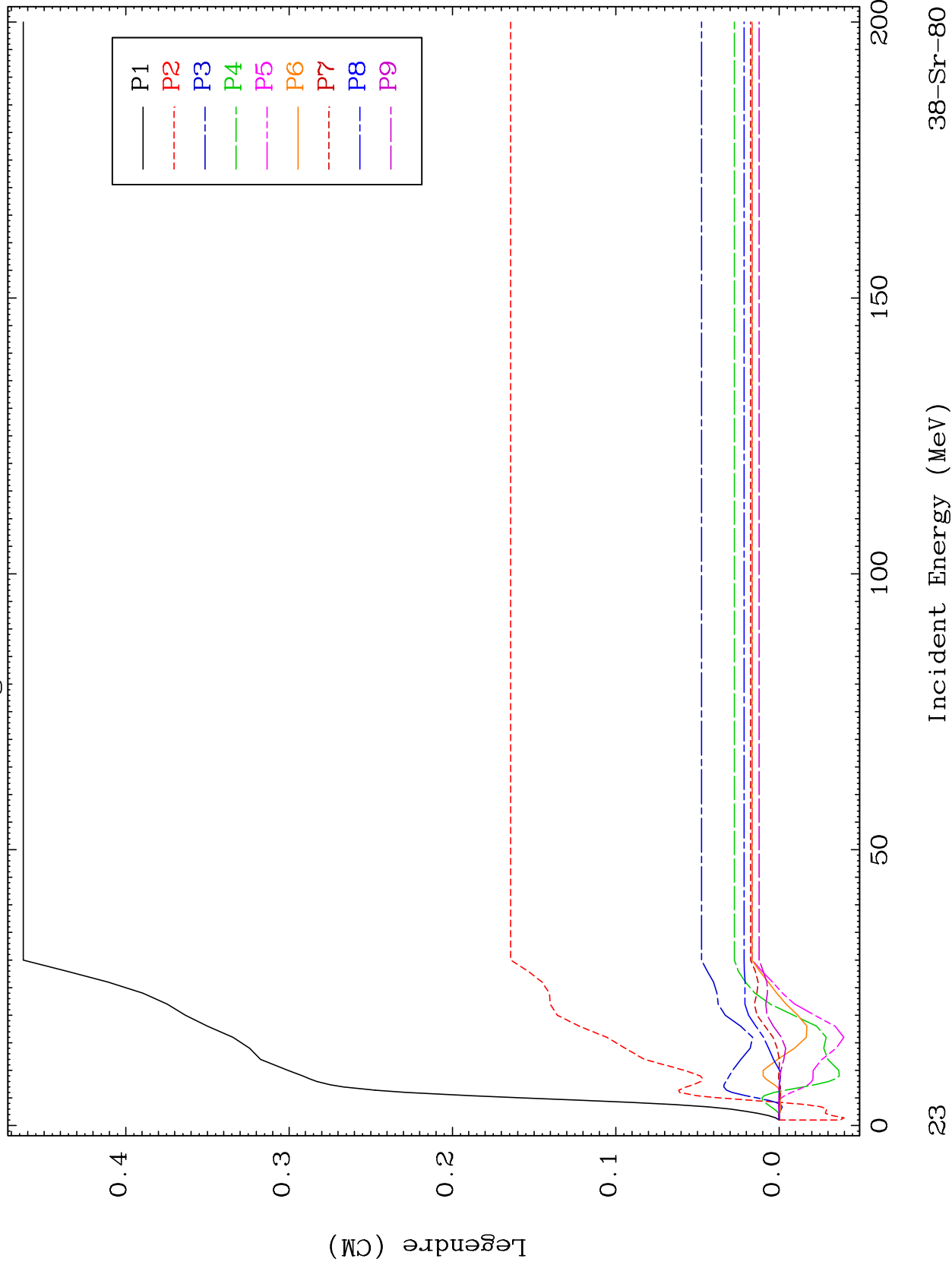
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



38-Sr-80

Incident Energy (MeV)

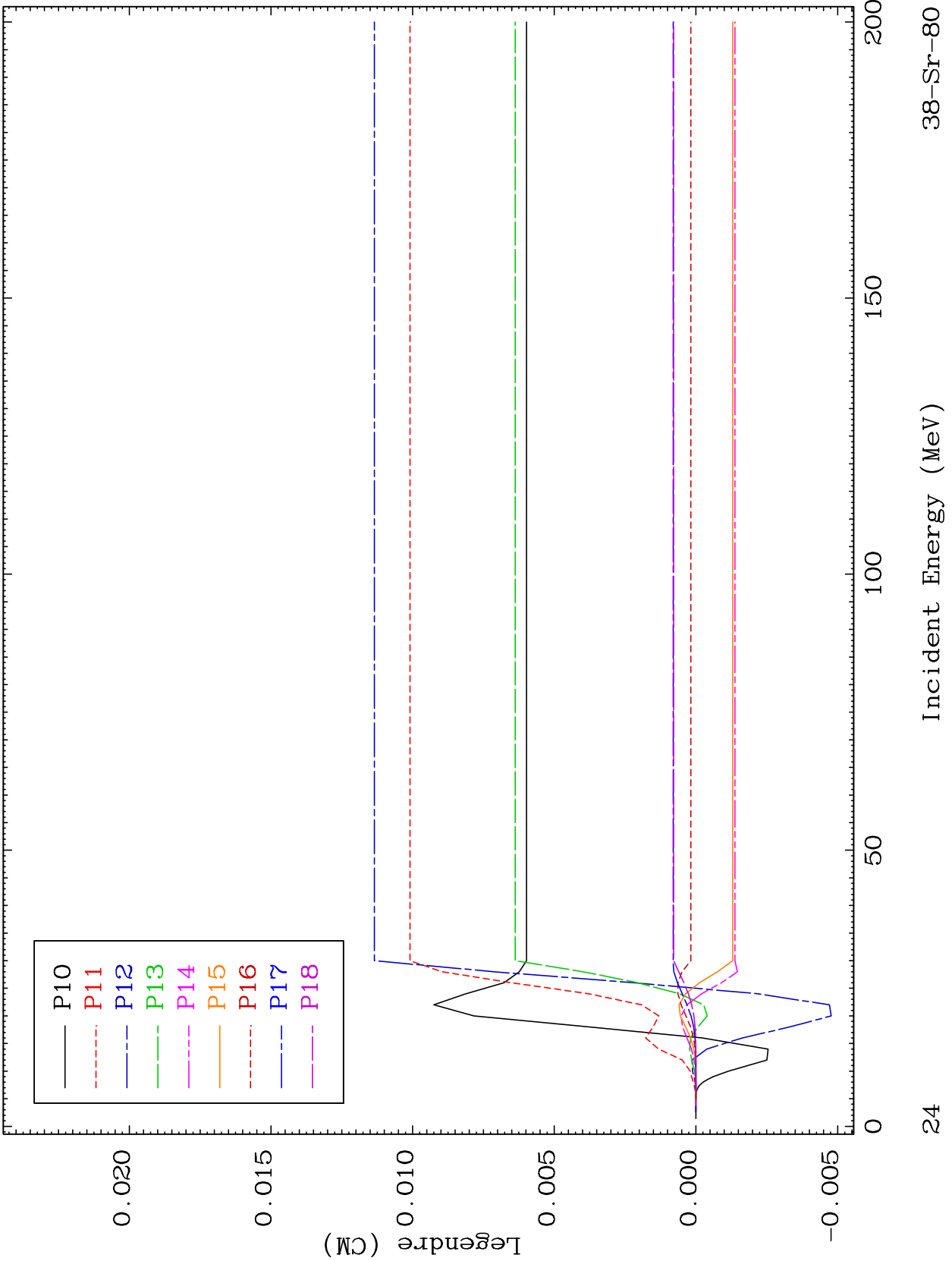
23



MAT 3813

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

38-Sr-80



24

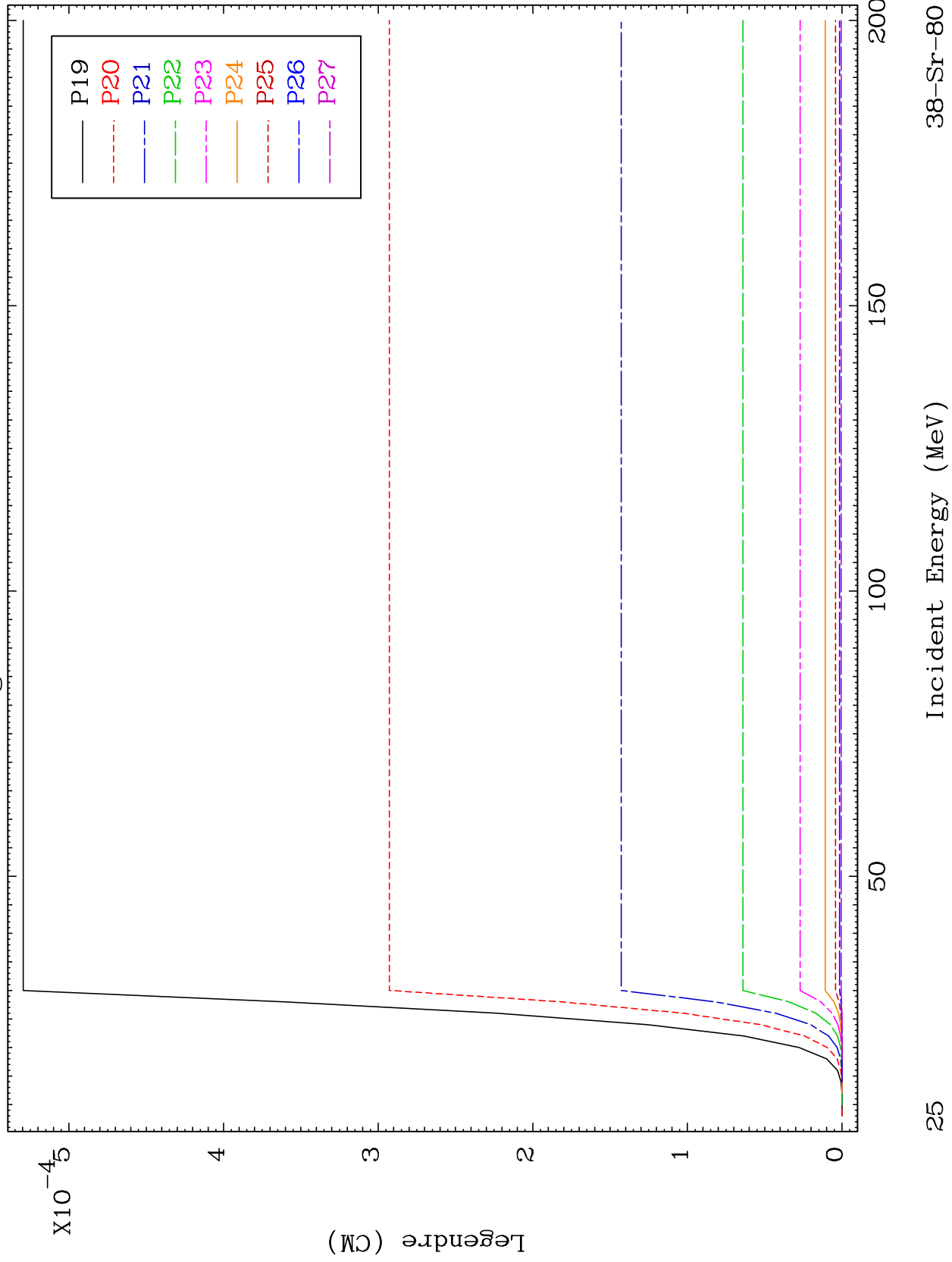
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

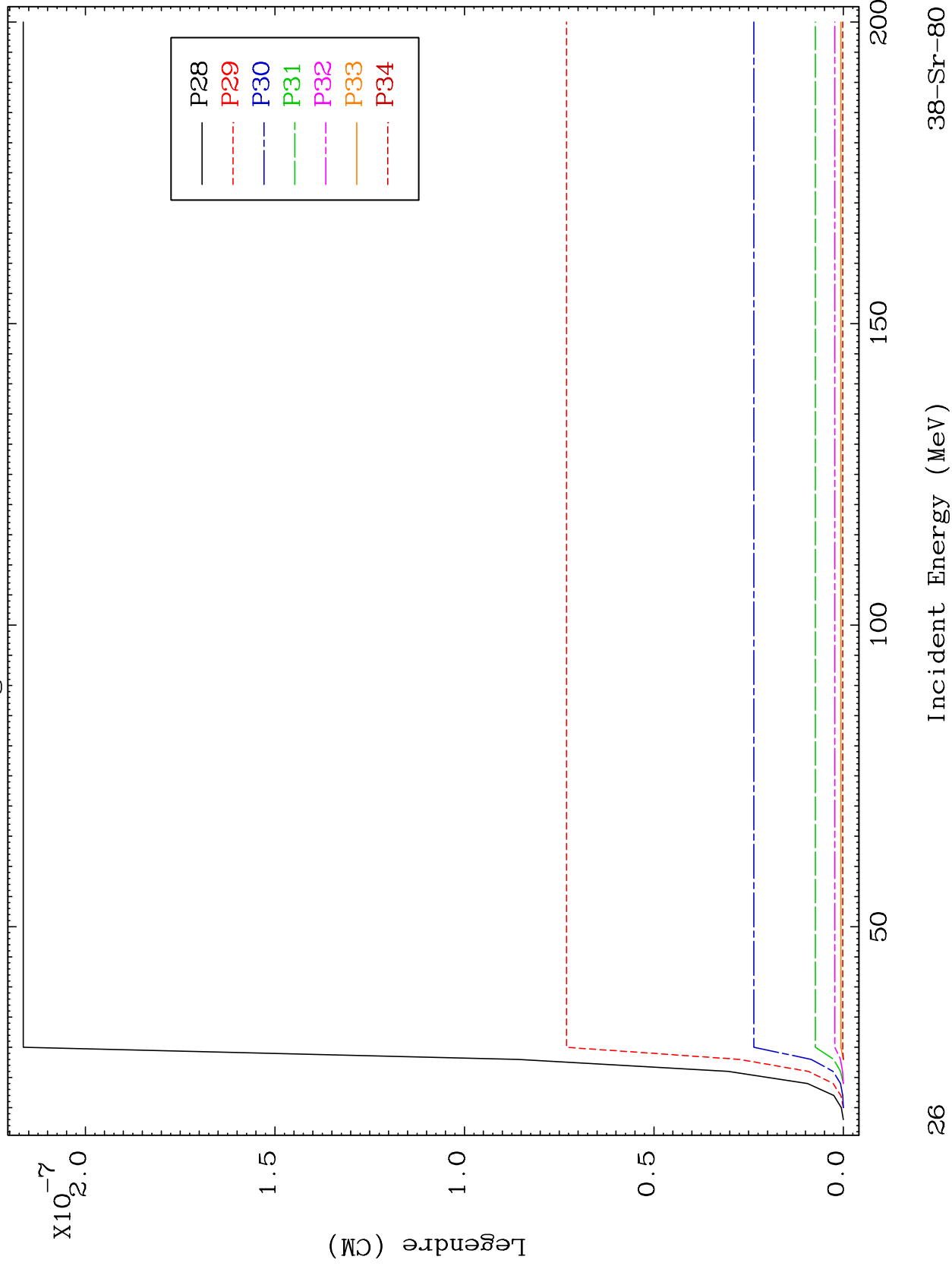
38-Sr-80



MAT 3813

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

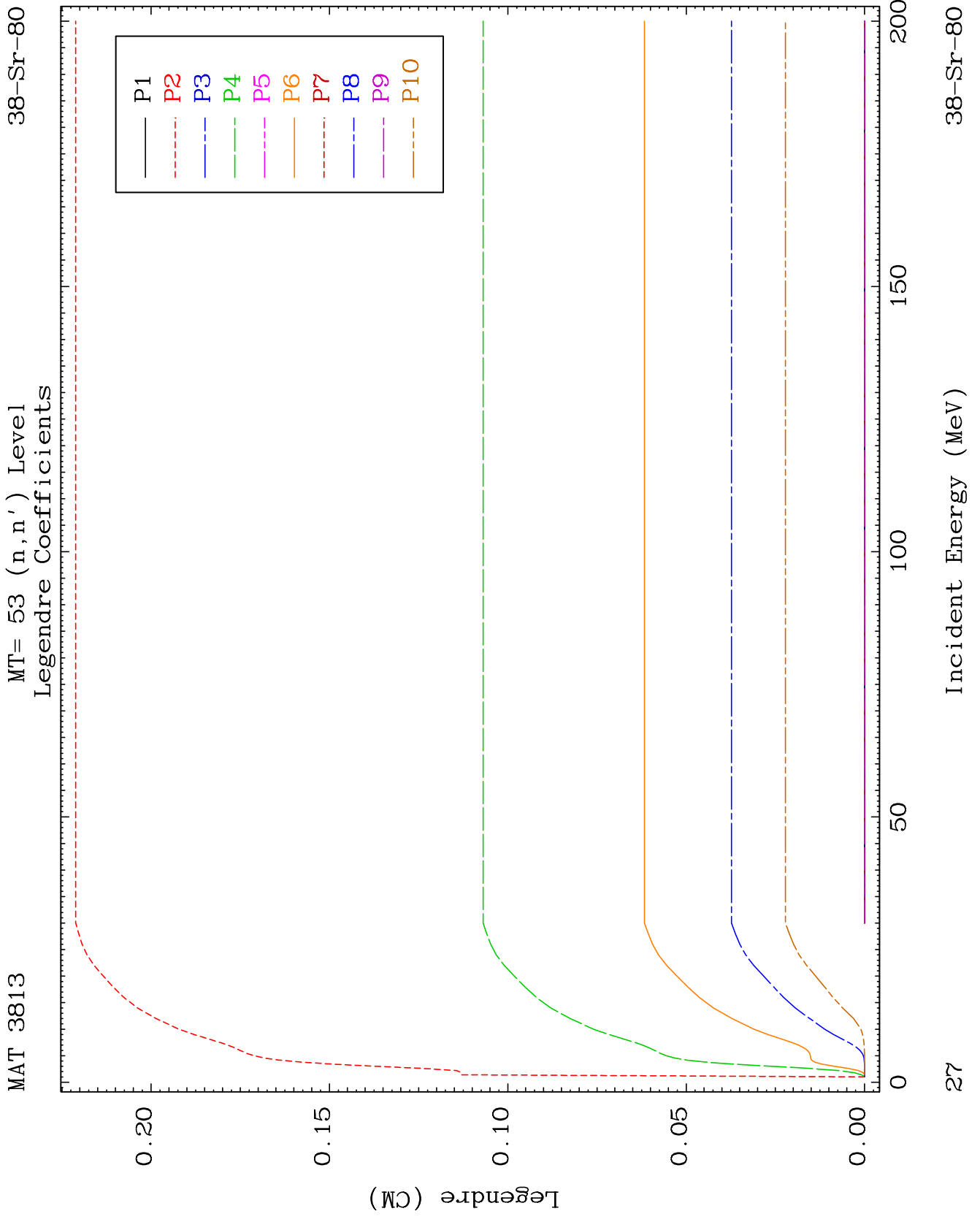
38-Sr-80

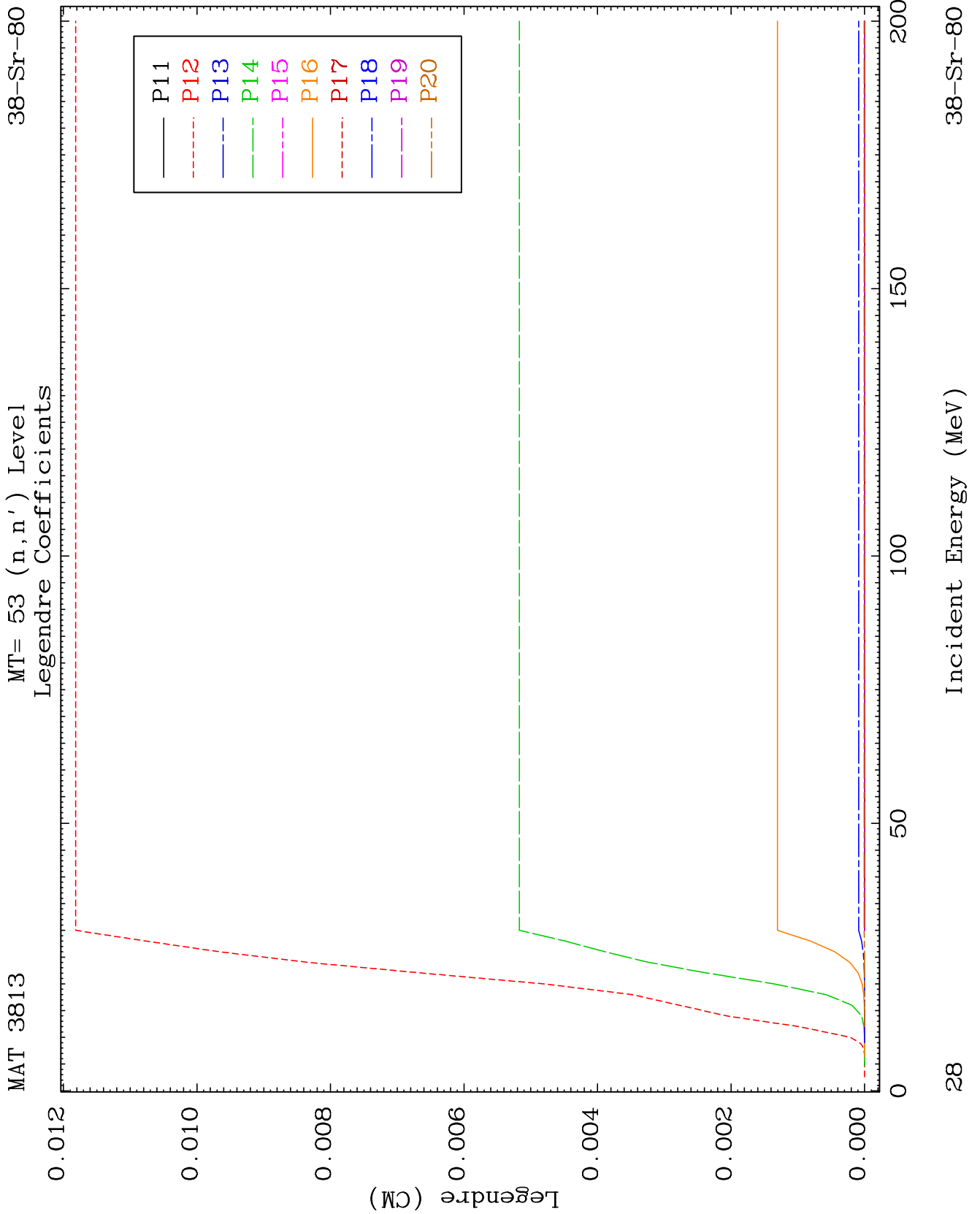


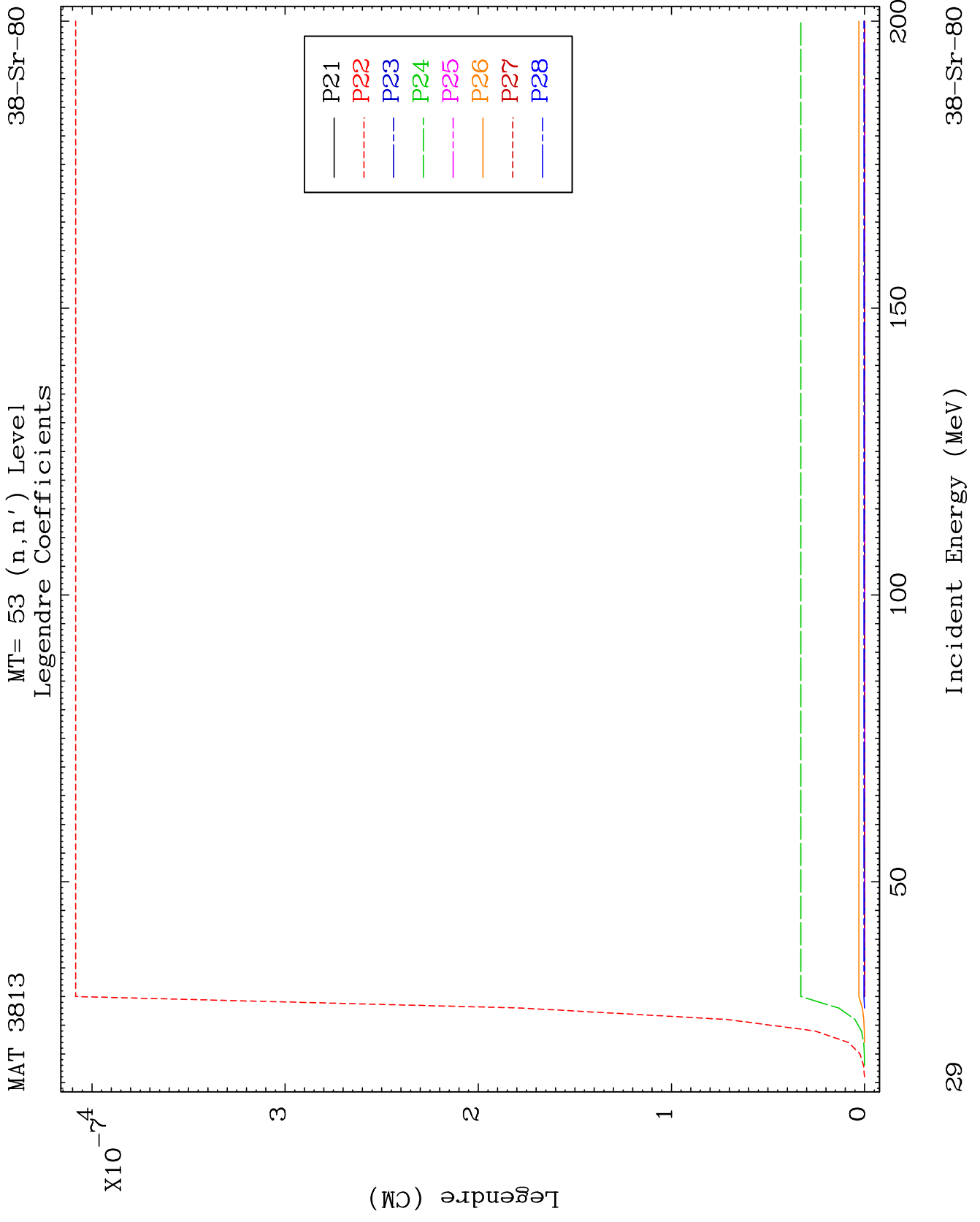
26

Incident Energy (MeV)

38-Sr-80



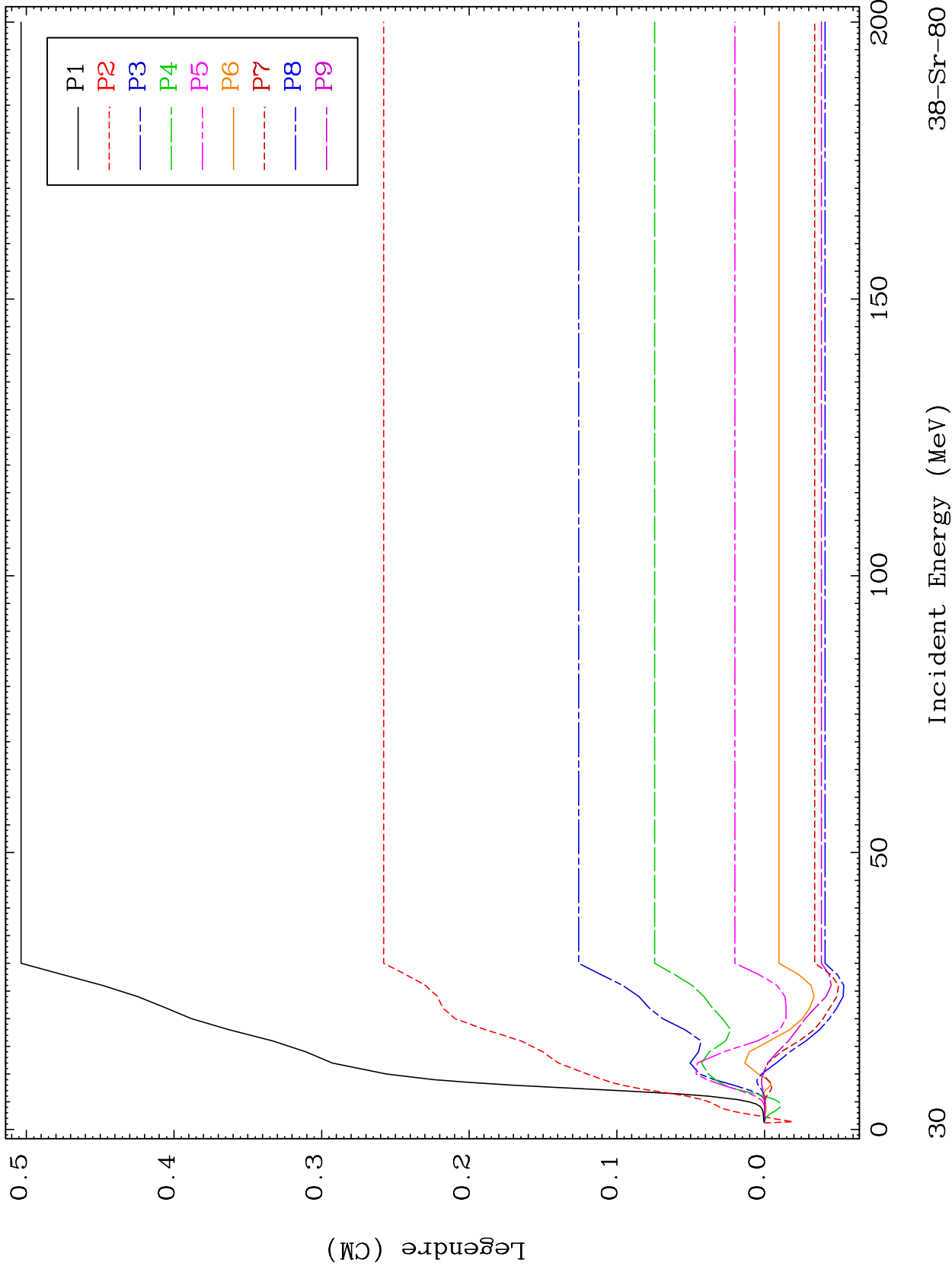




MAT 3813

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

38-Sr-80



38-Sr-80

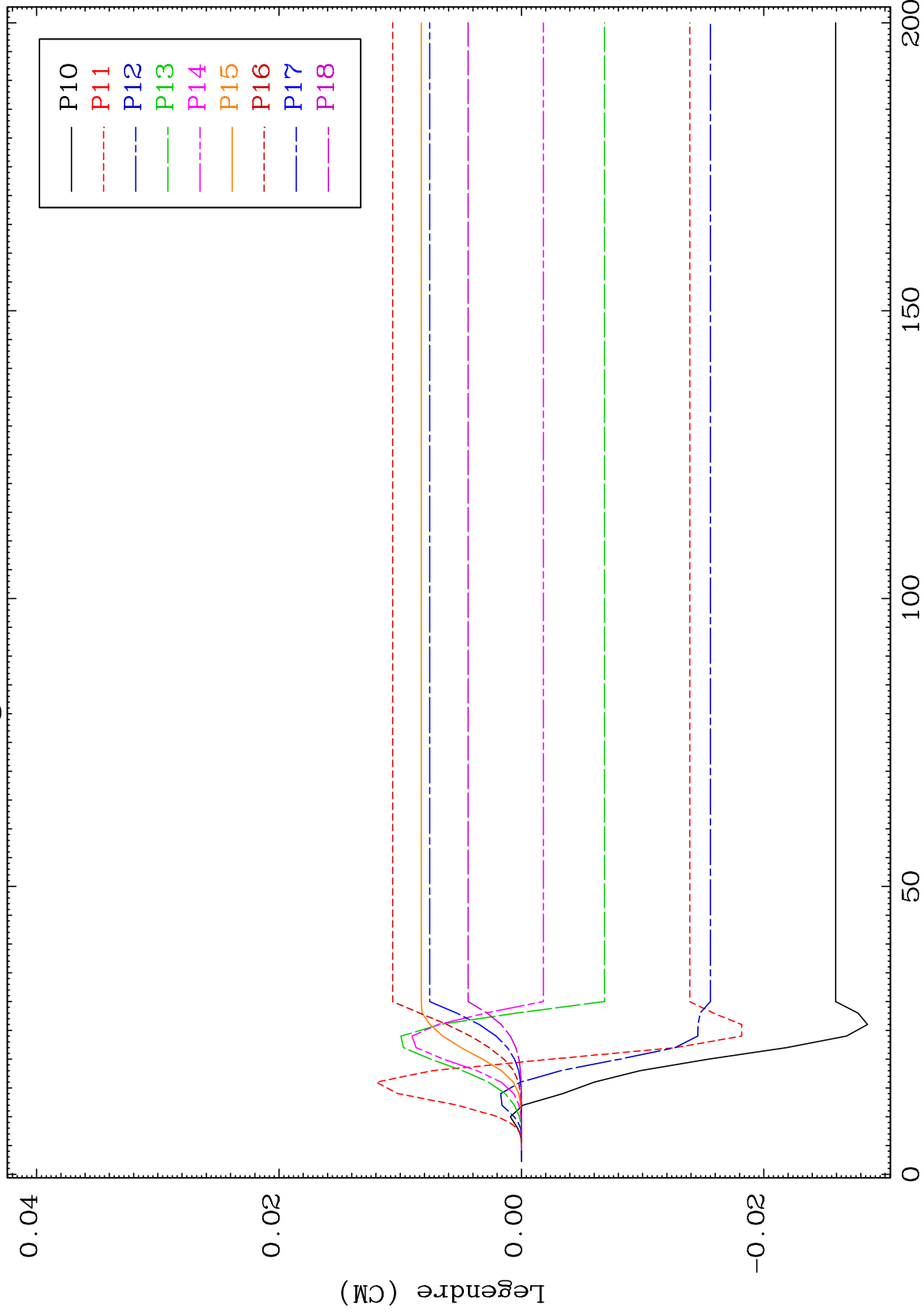
Incident Energy (MeV)

30

MAT 3813

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

38-Sr-80



31

Incident Energy (MeV)

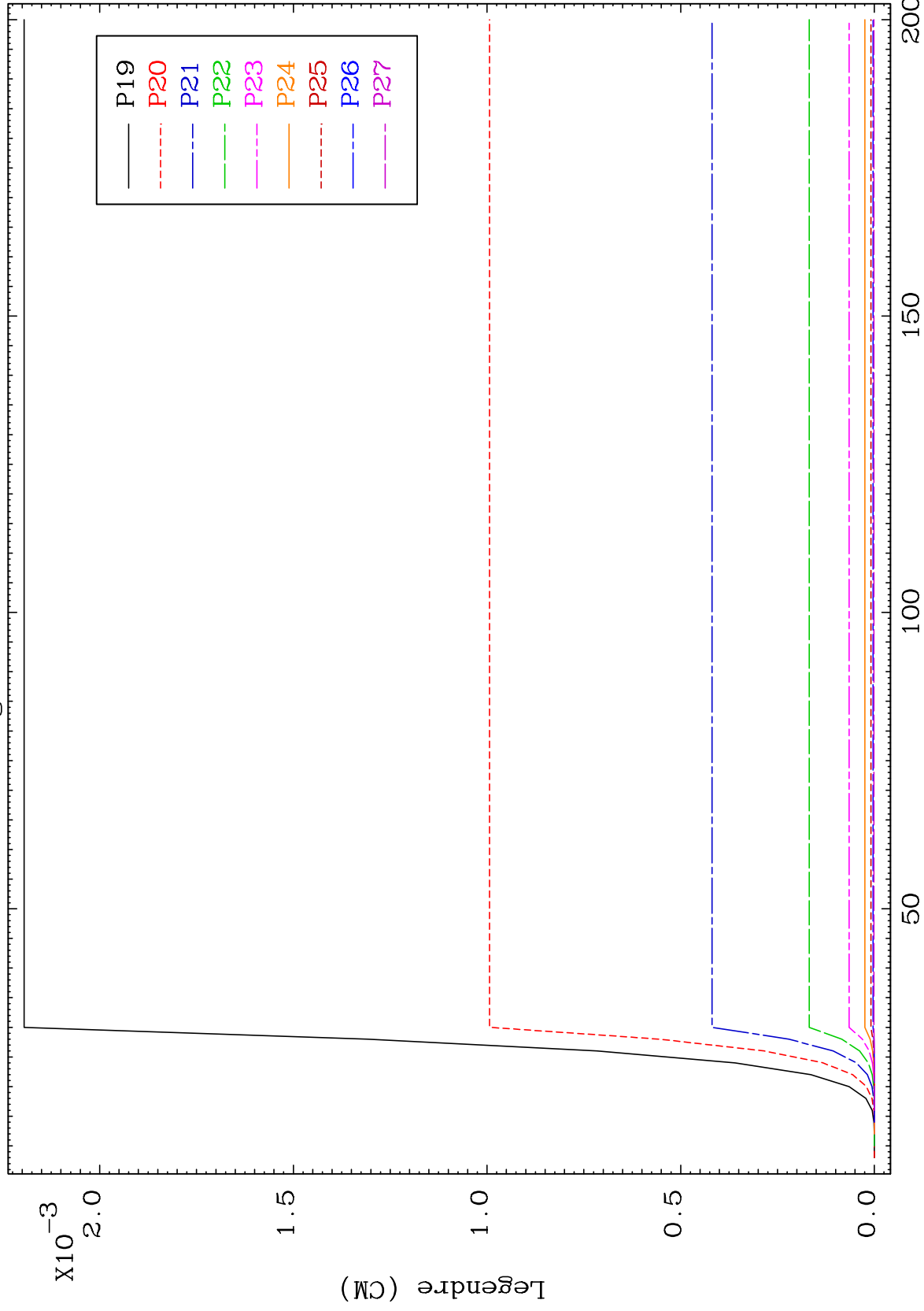
38-Sr-80



MAT 3813

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

38-Sr-80



32

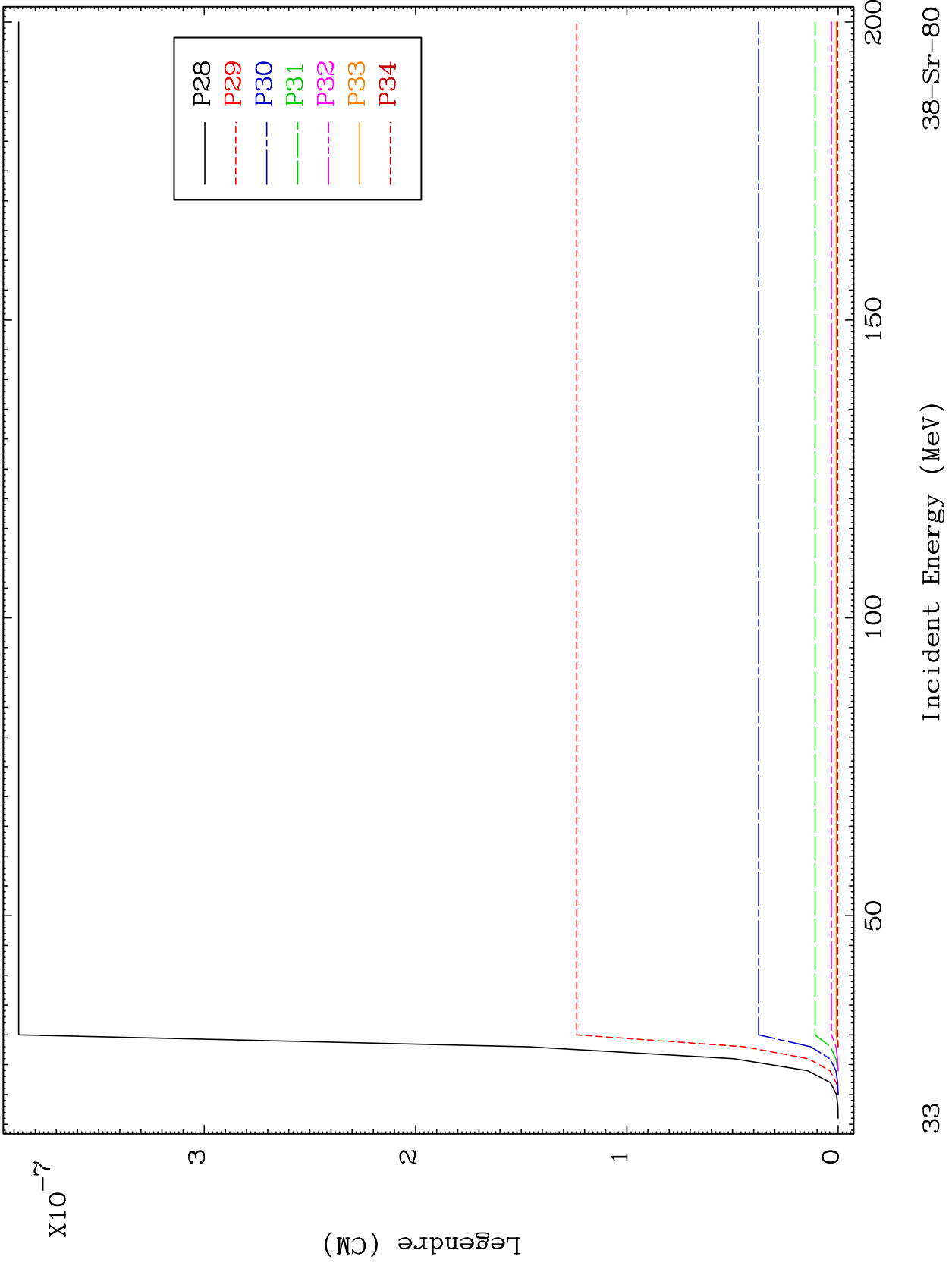
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80

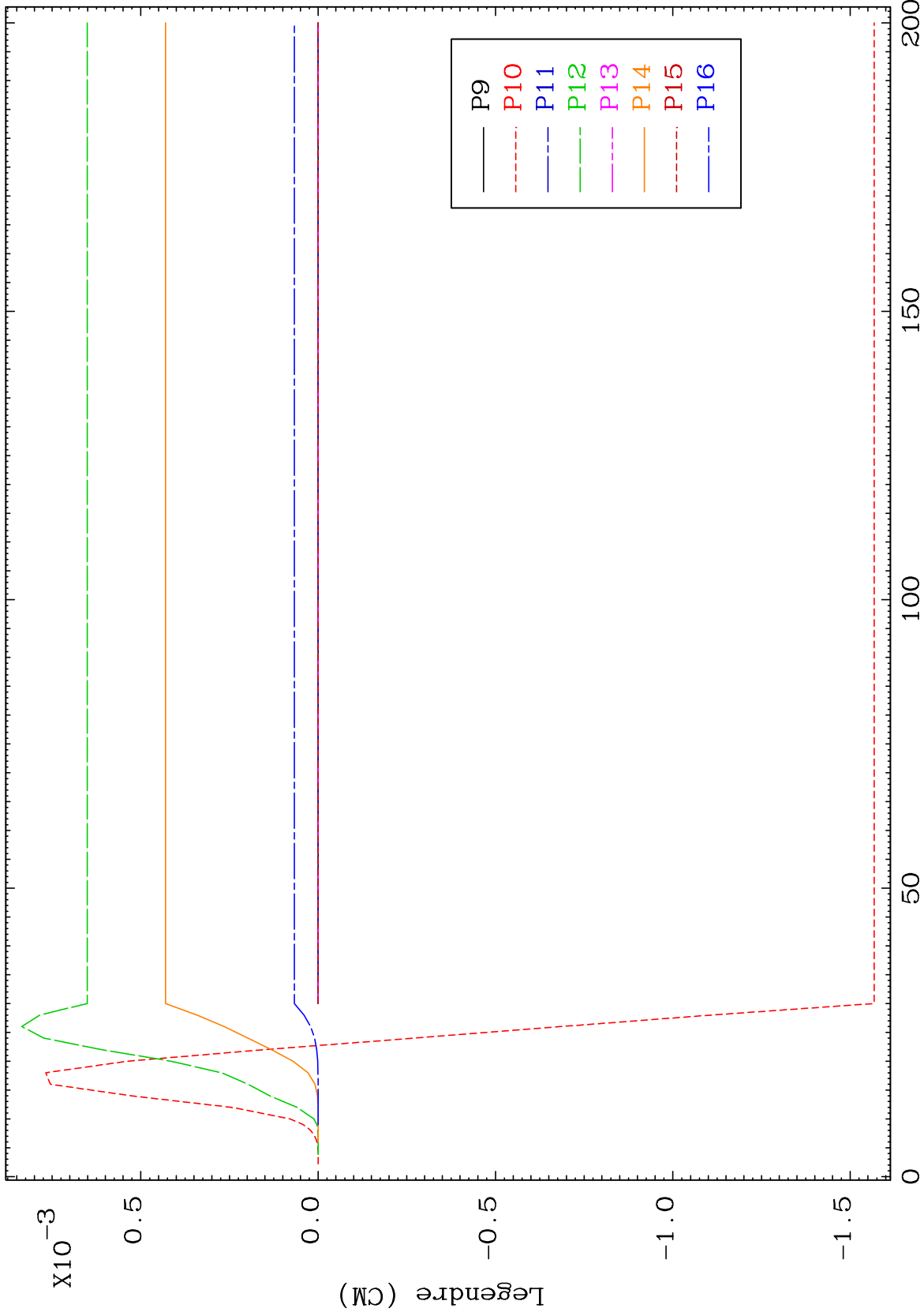




MAT 3813

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

38-Sr-80



35

Incident Energy (MeV)

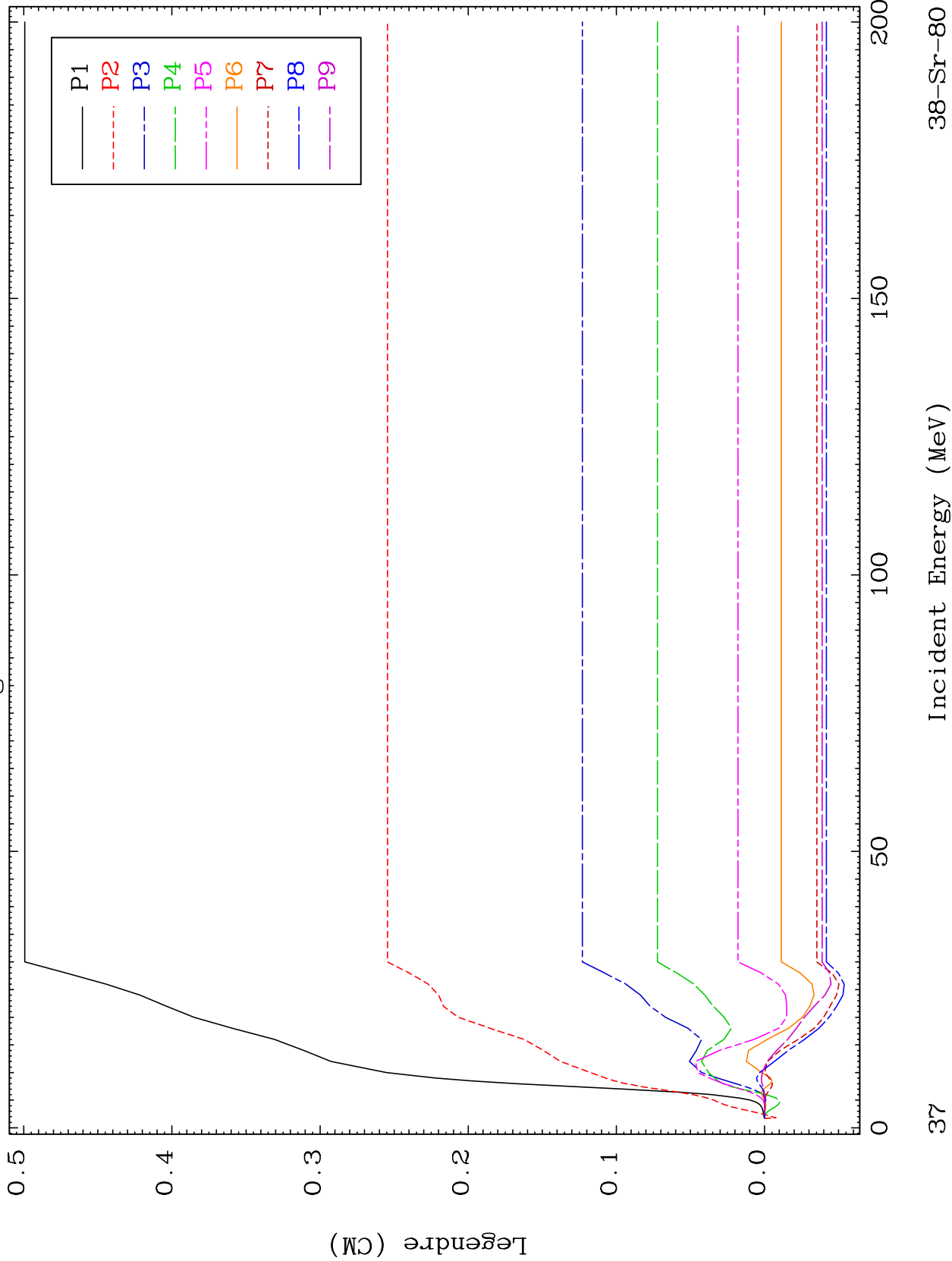
38-Sr-80



MAT 3813

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

38-Sr-80



37

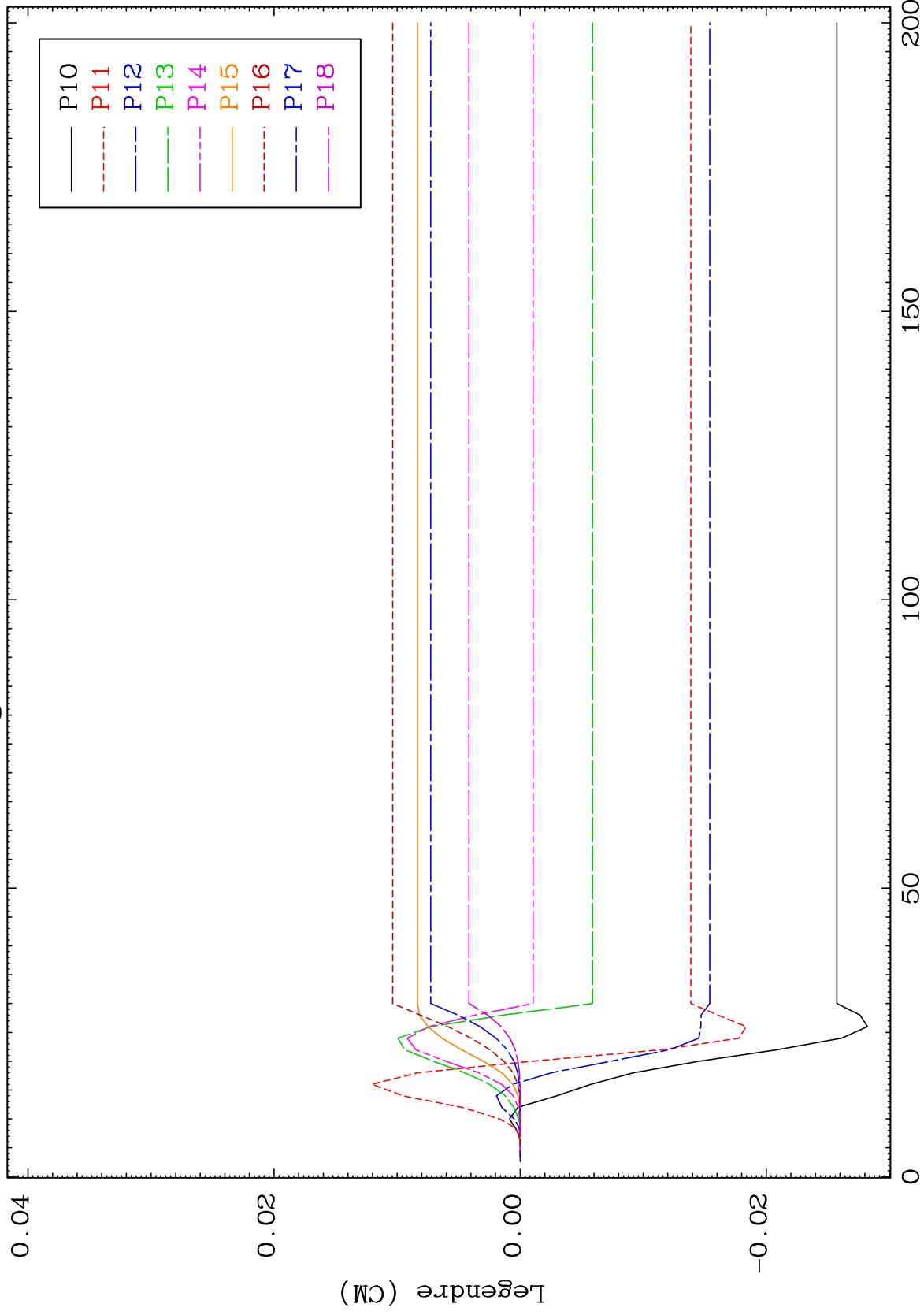
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



38

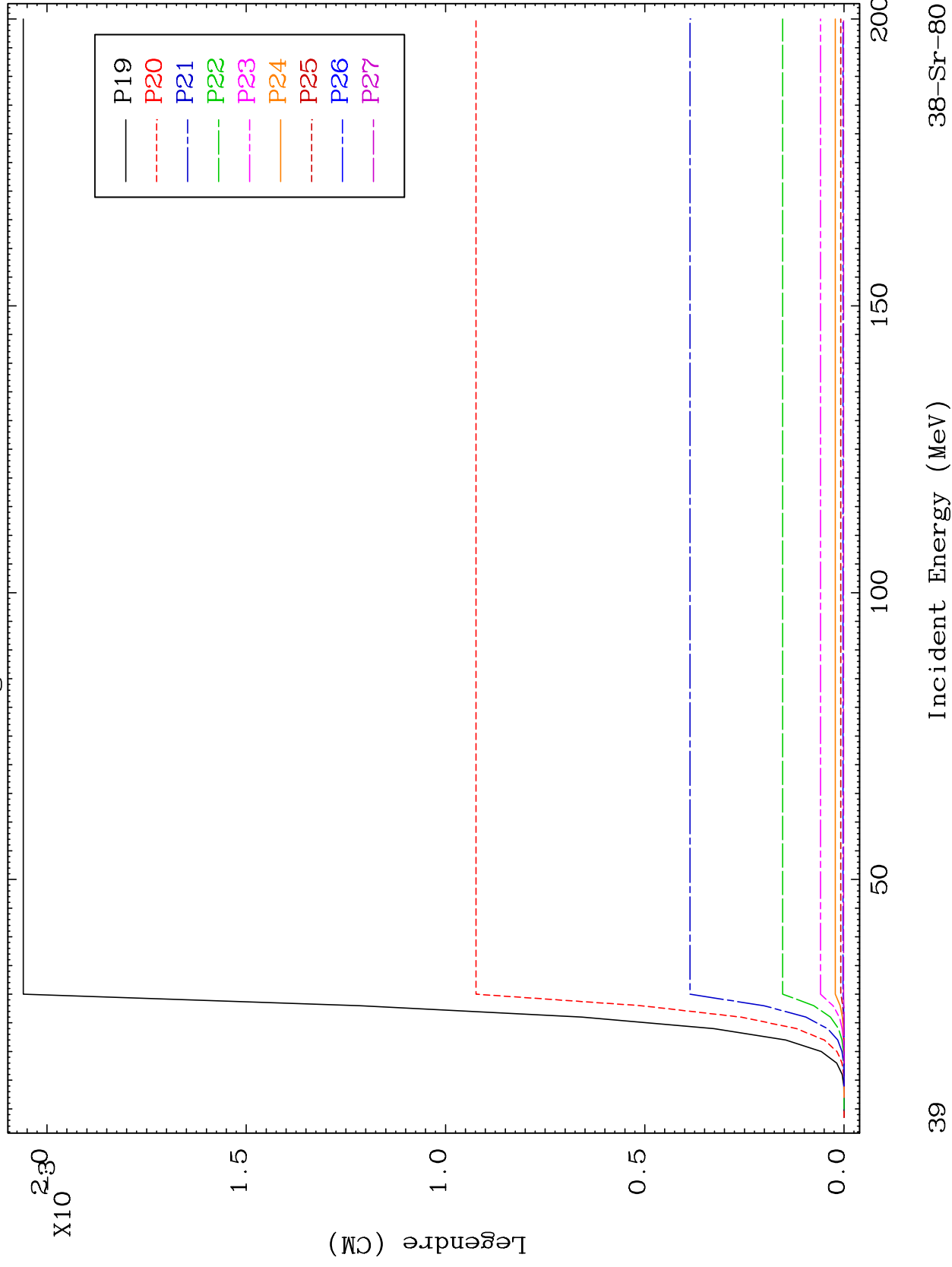
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



39

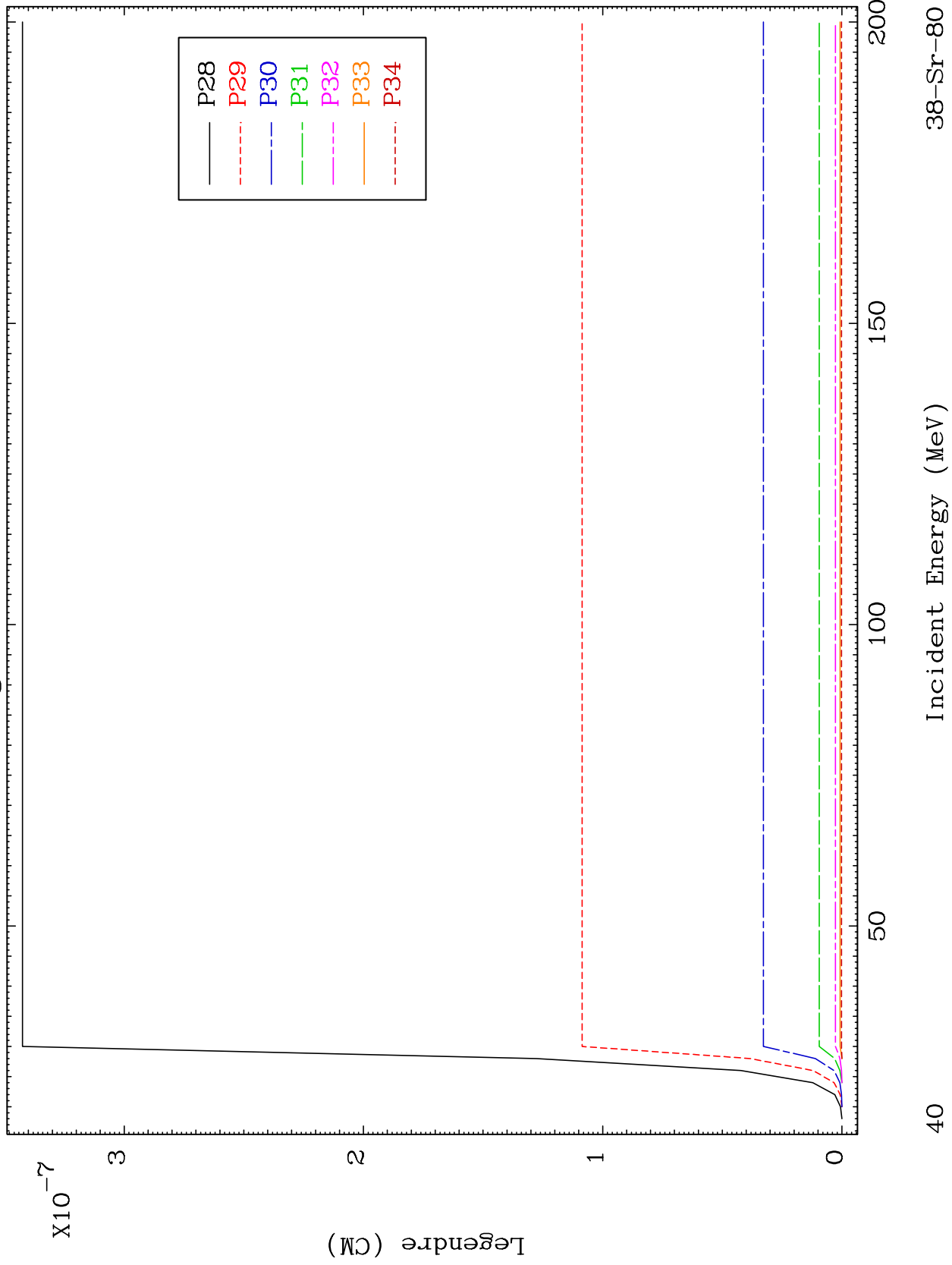
38-Sr-80



MAT 3813

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

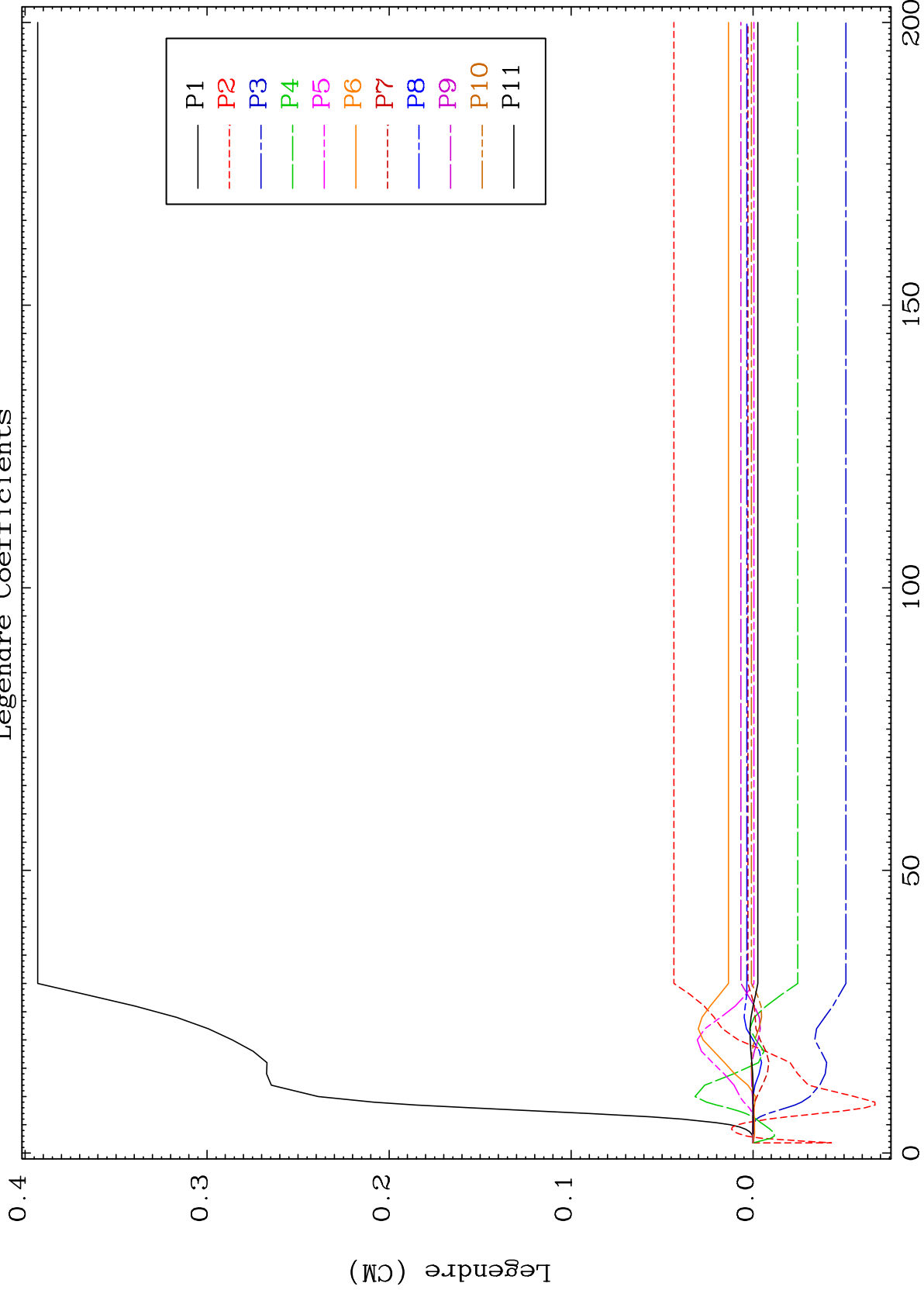
38-Sr-80



MAT 3813

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

38-Sr-80



41

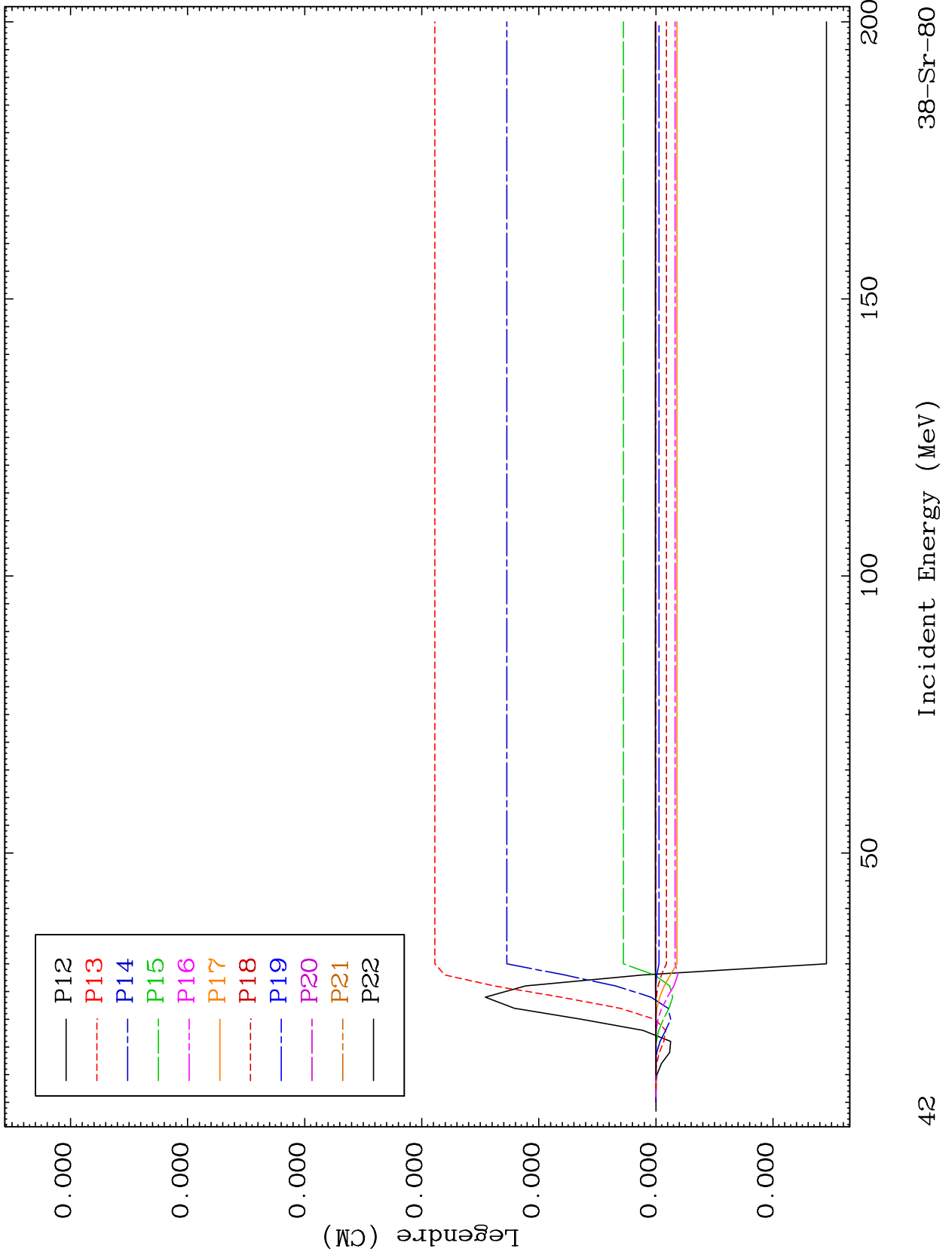
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

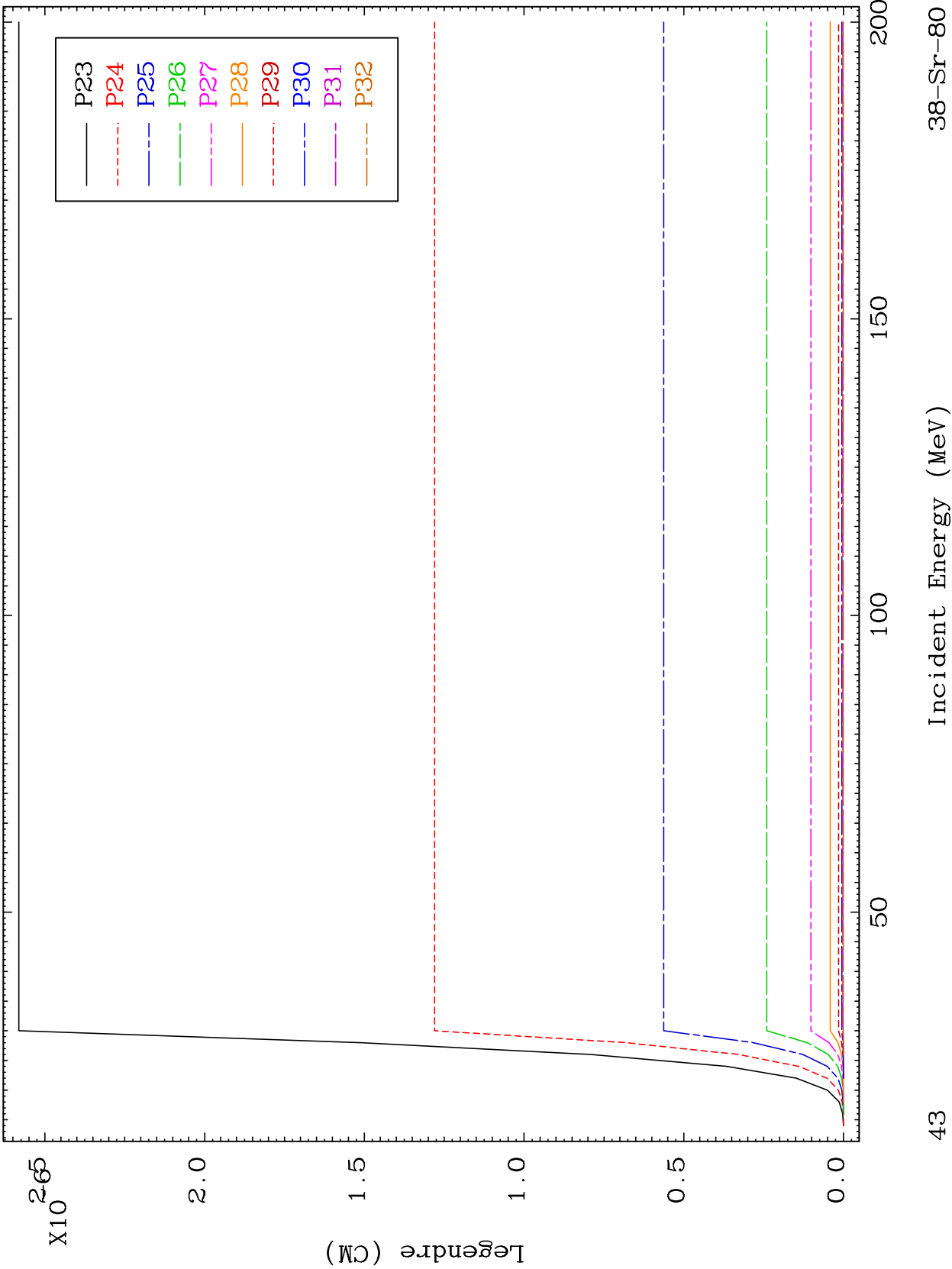
38-Sr-80



MAT 3813

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

38-Sr-80

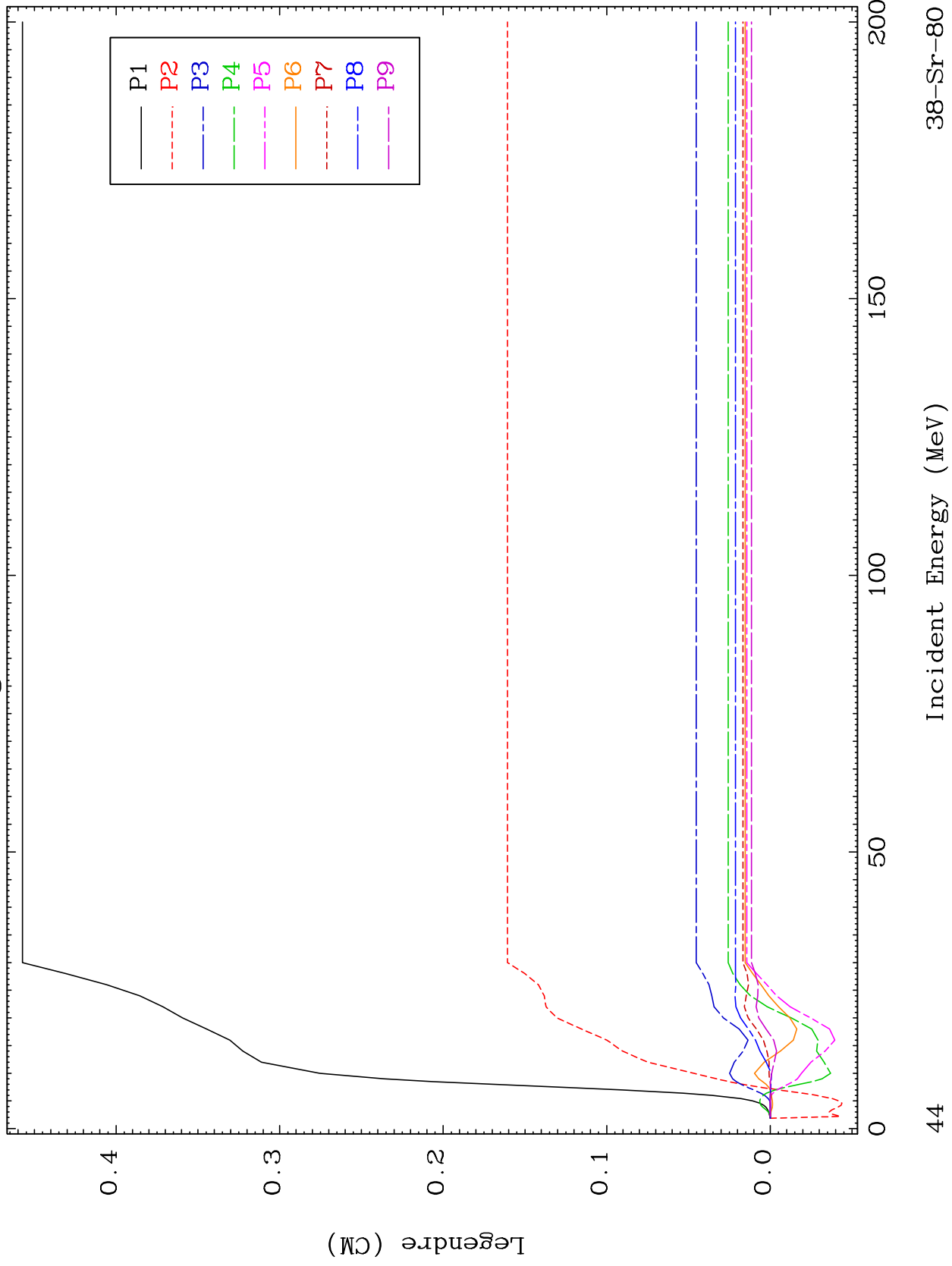


43

MAT 3813

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

38-Sr-80



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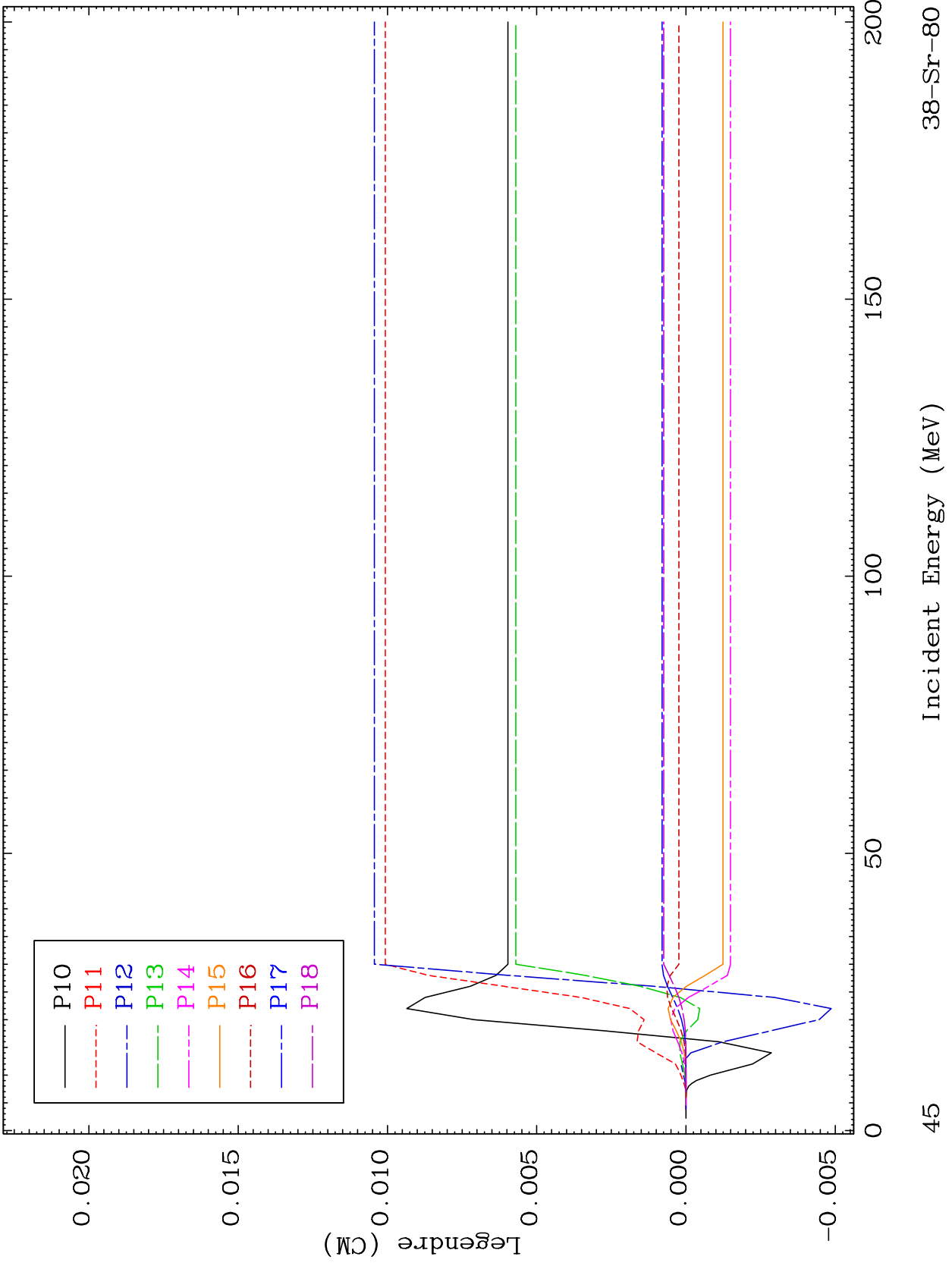
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

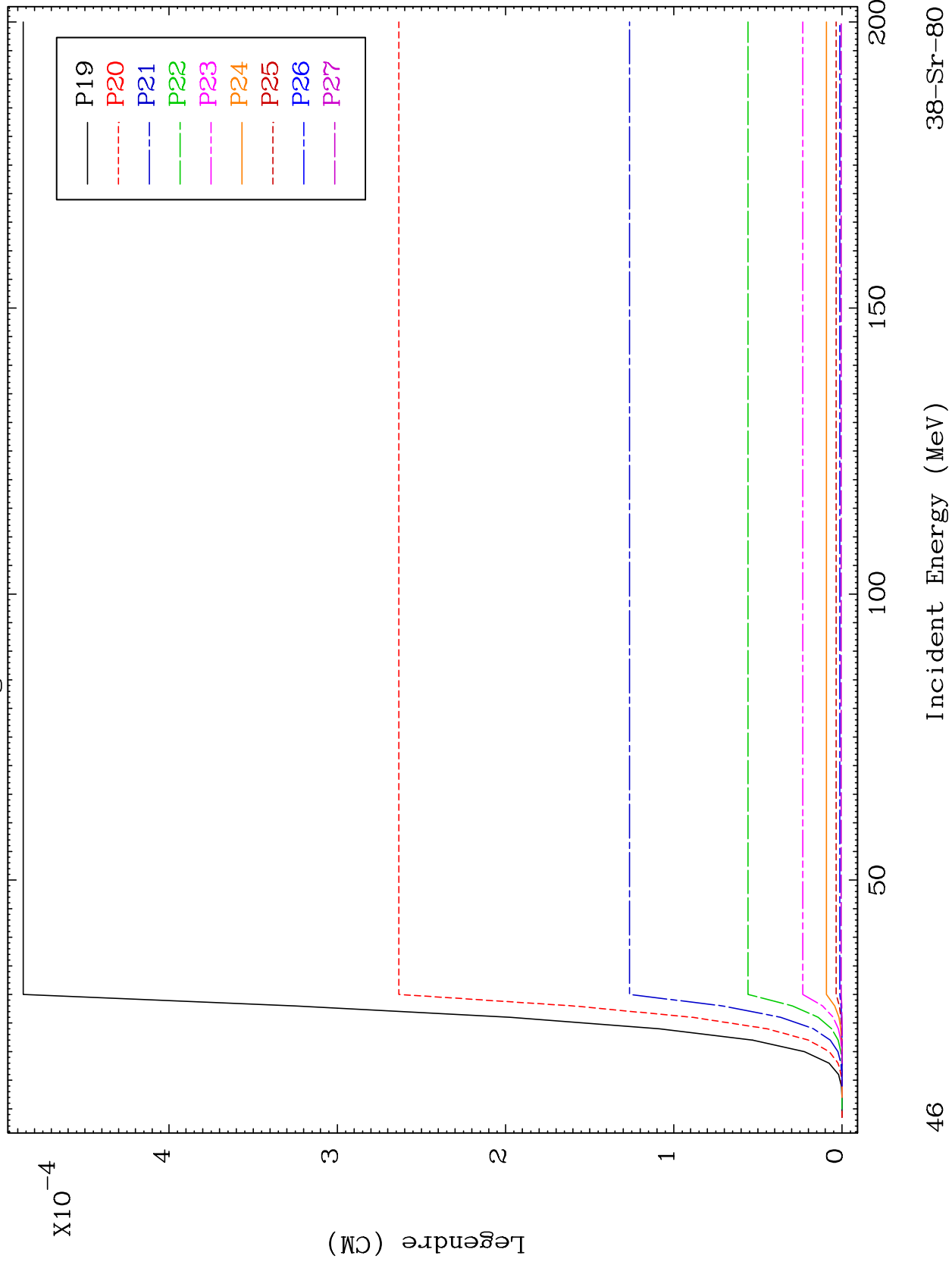
38-Sr-80



MAT 3813

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

38-Sr-80



46

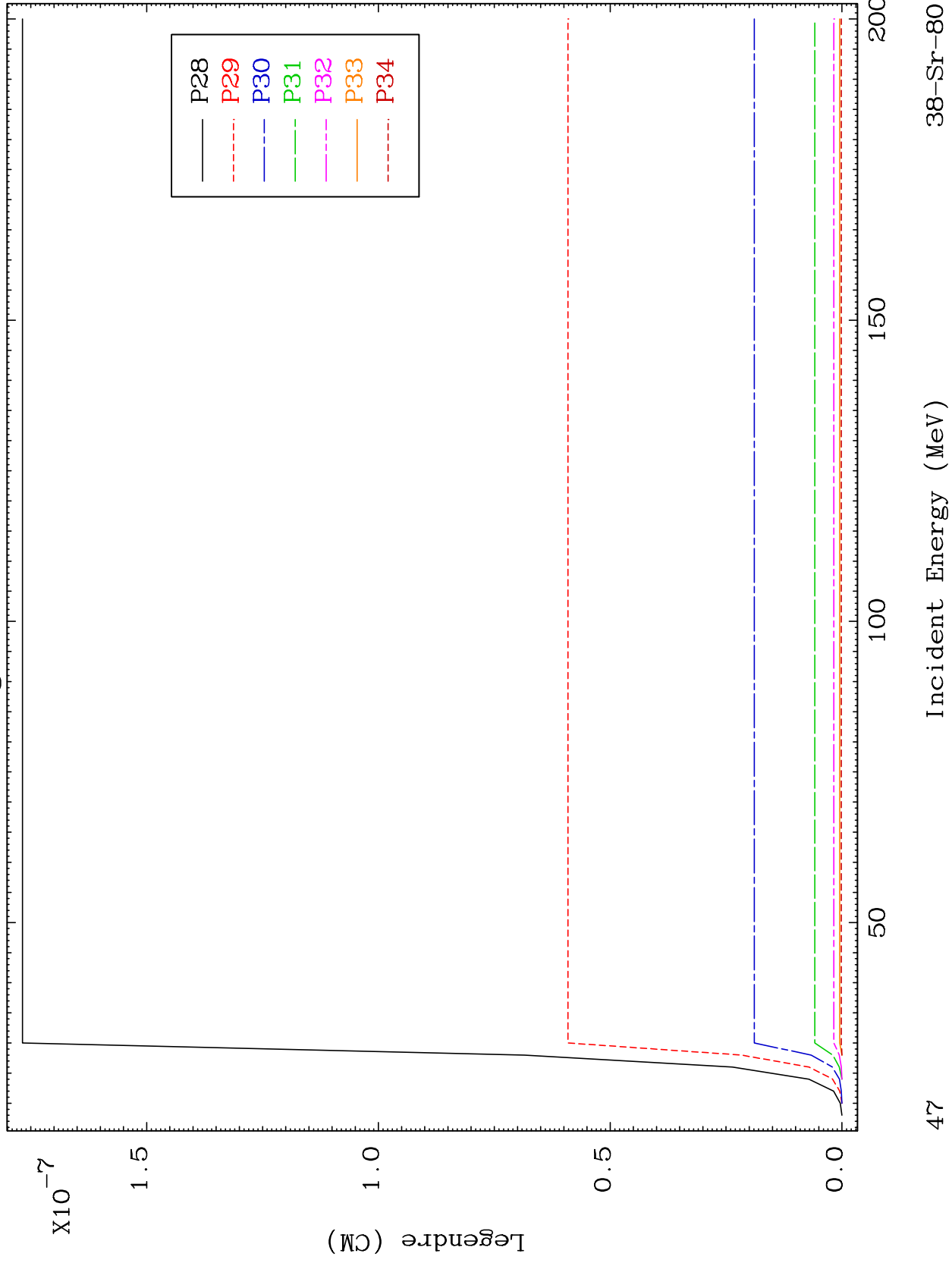
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



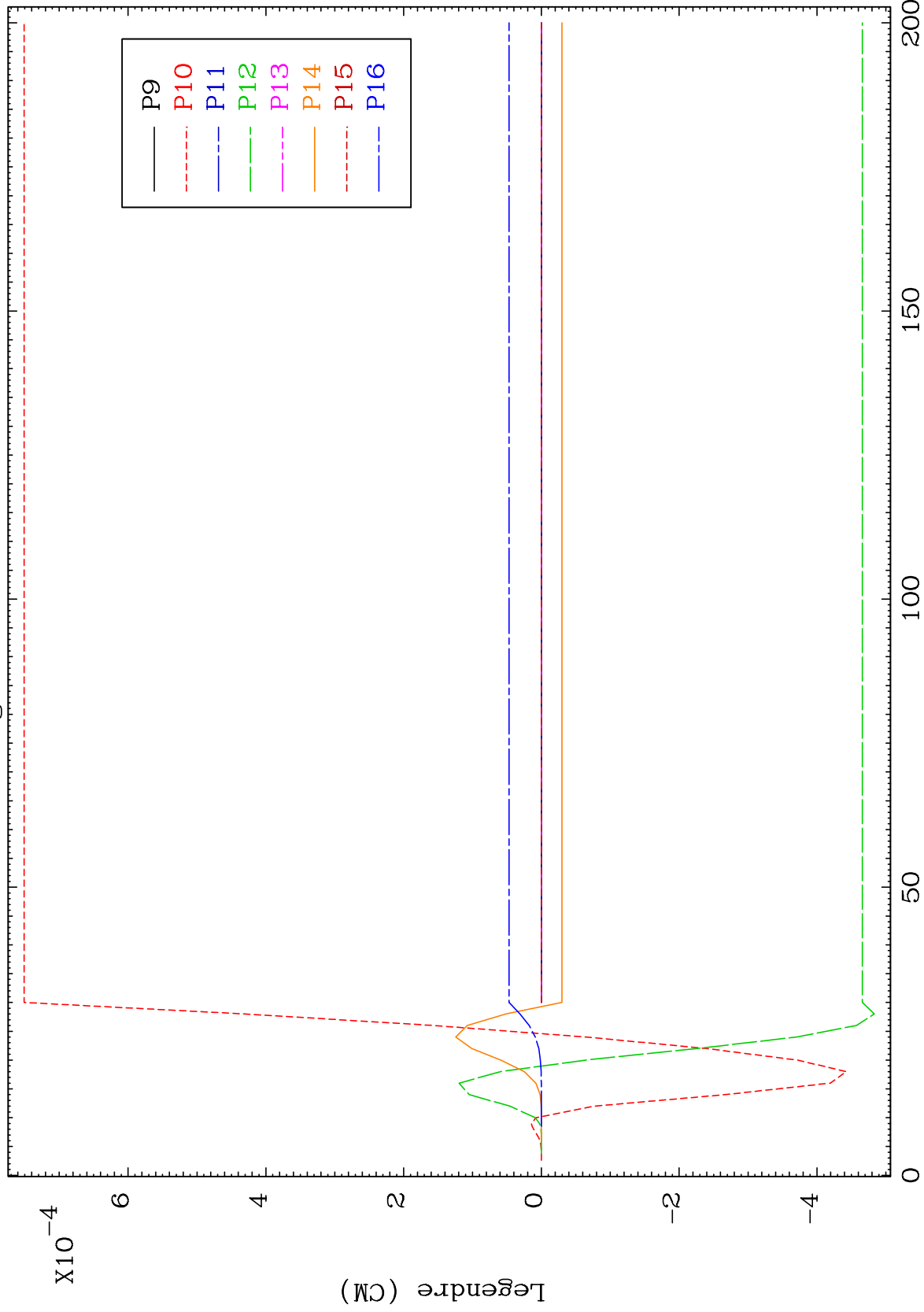




MAT 3813

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

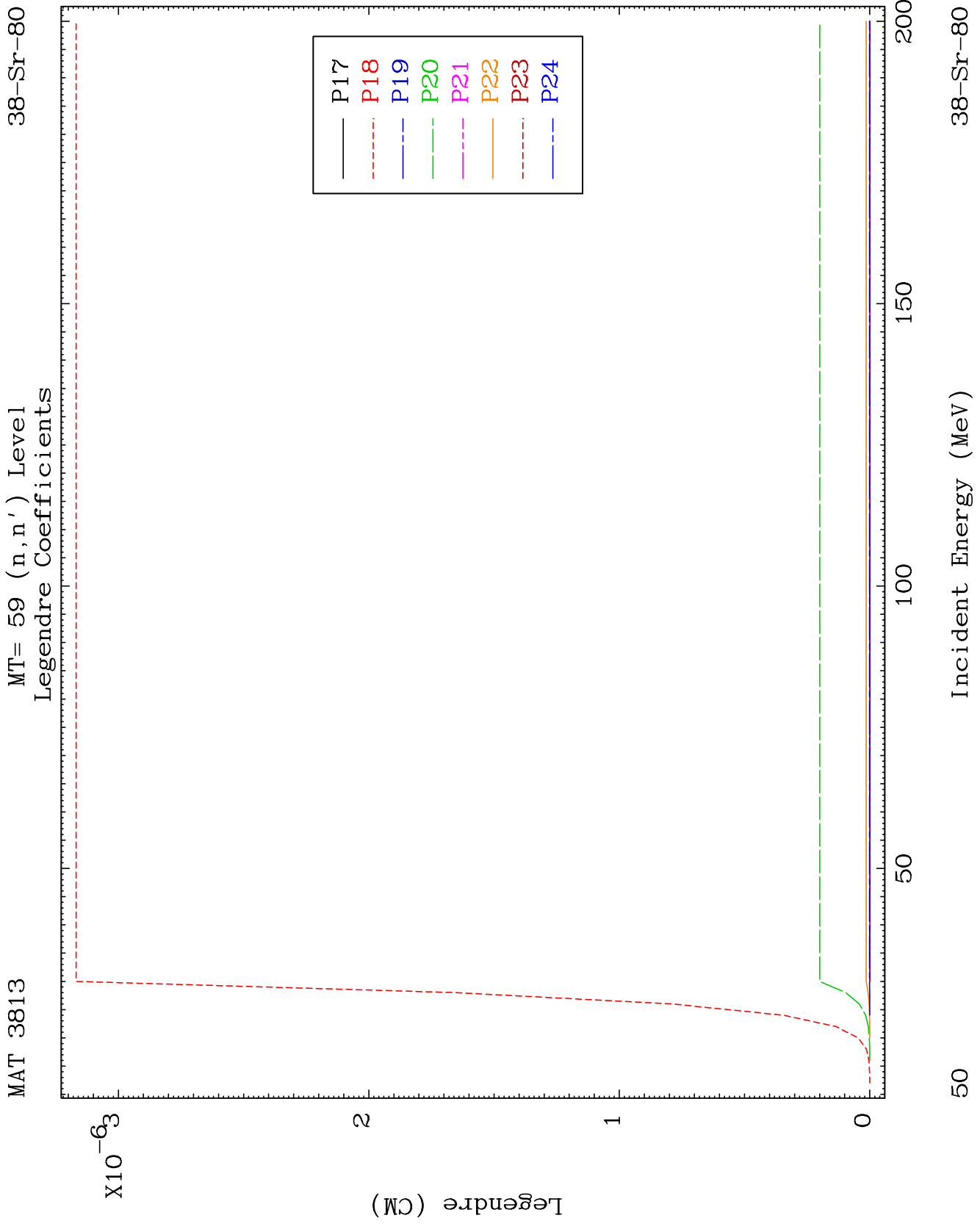
38-Sr-80

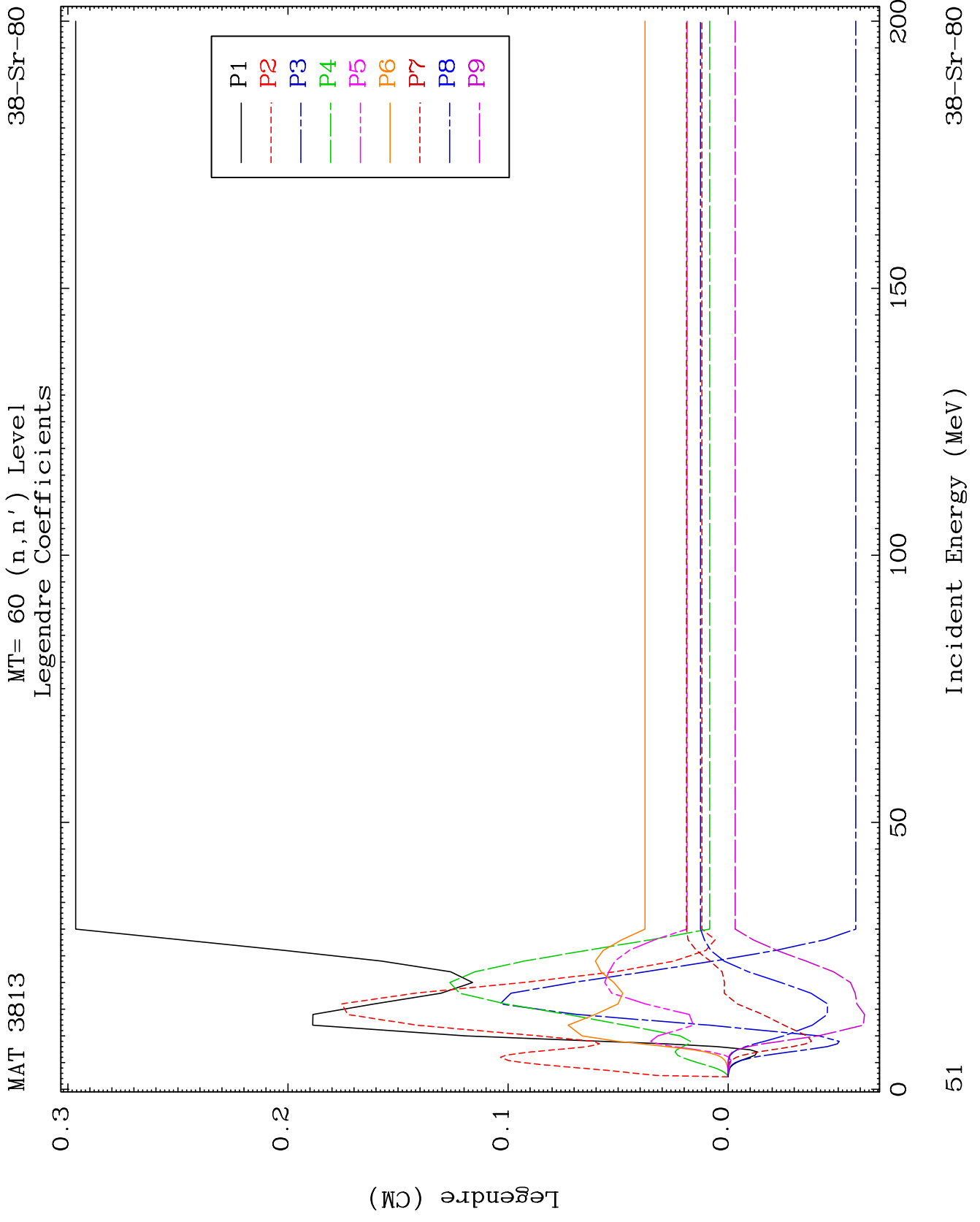


49

Incident Energy (MeV)

38-Sr-80

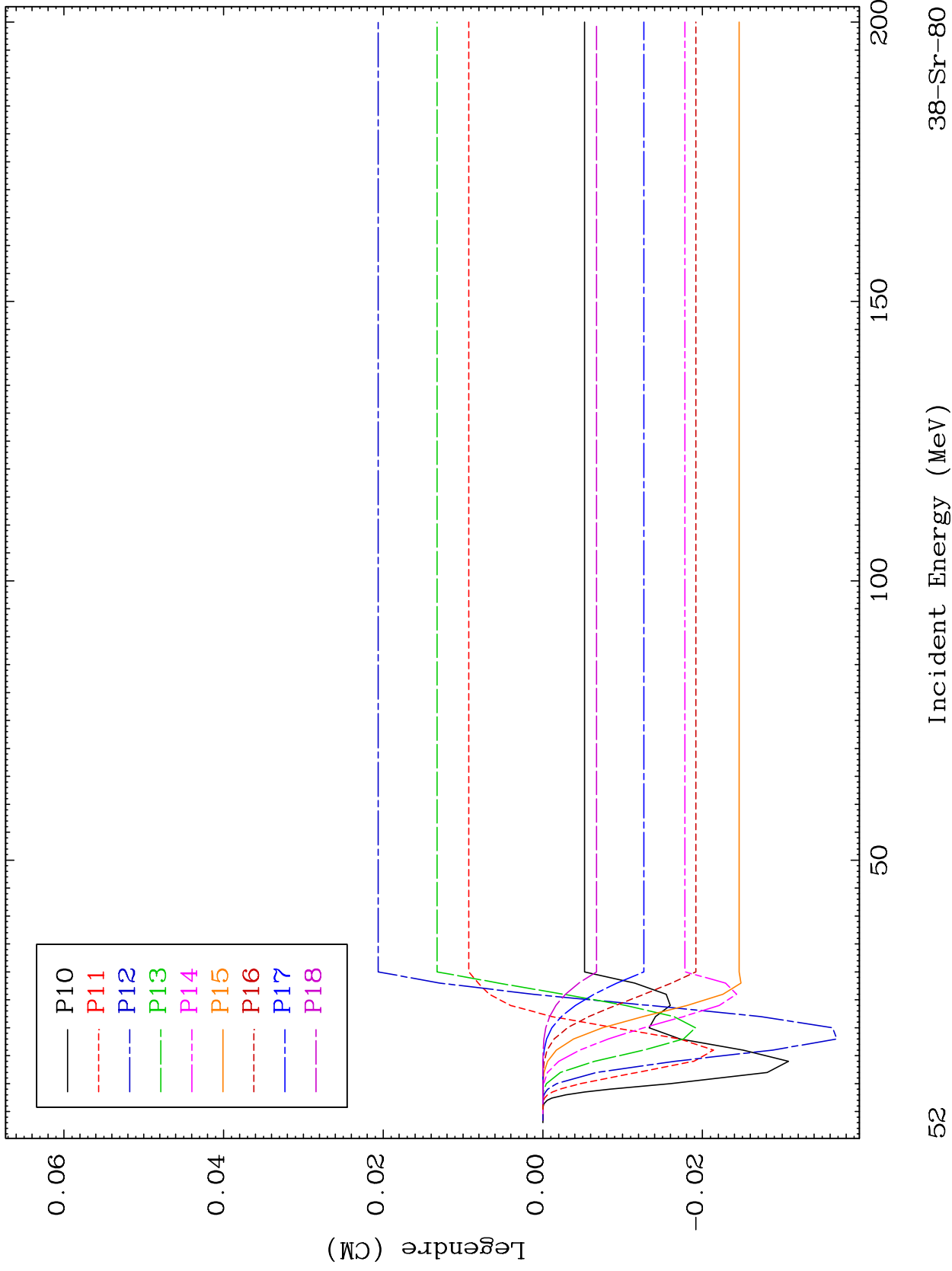




MAT 3813

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

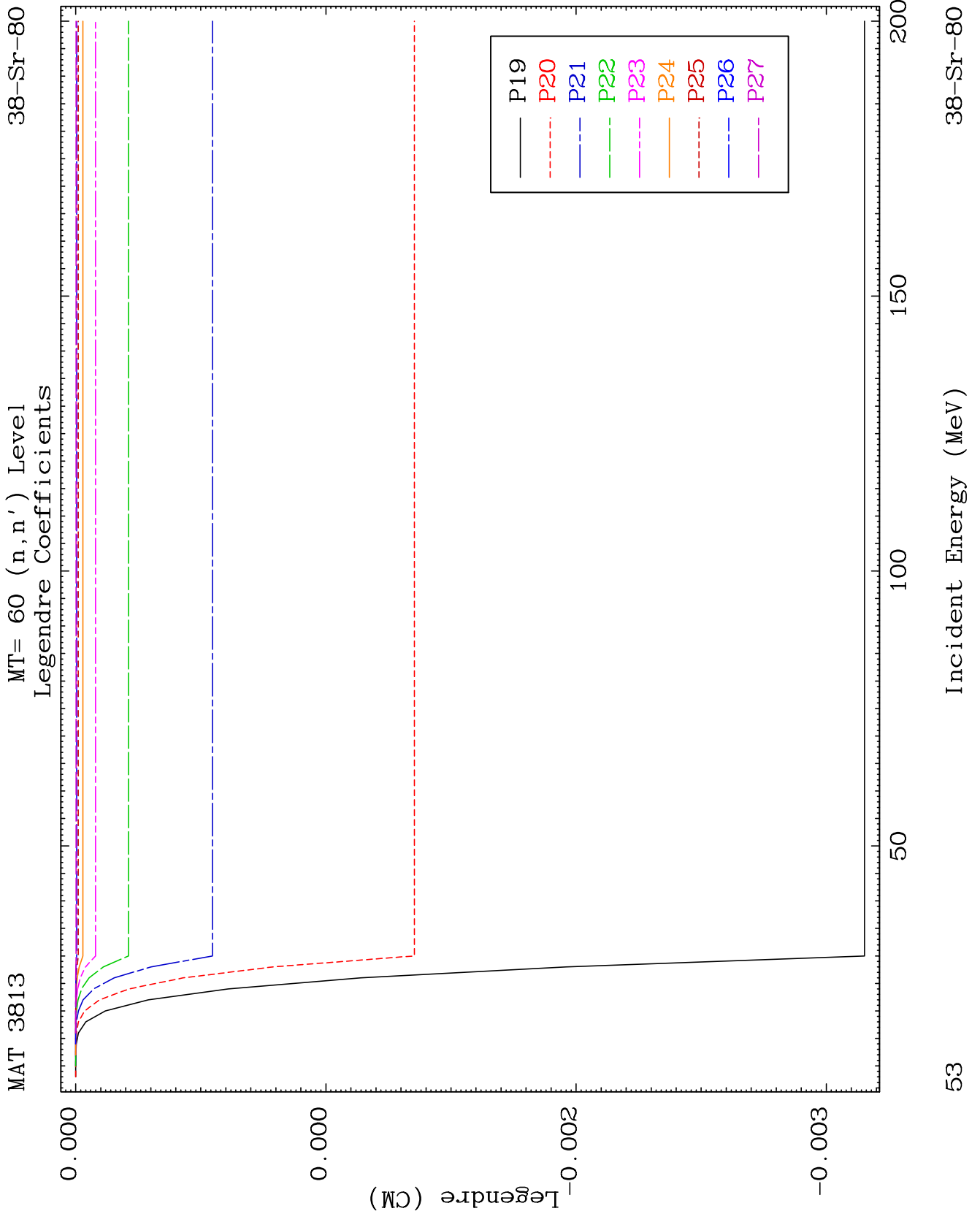
38-Sr-80

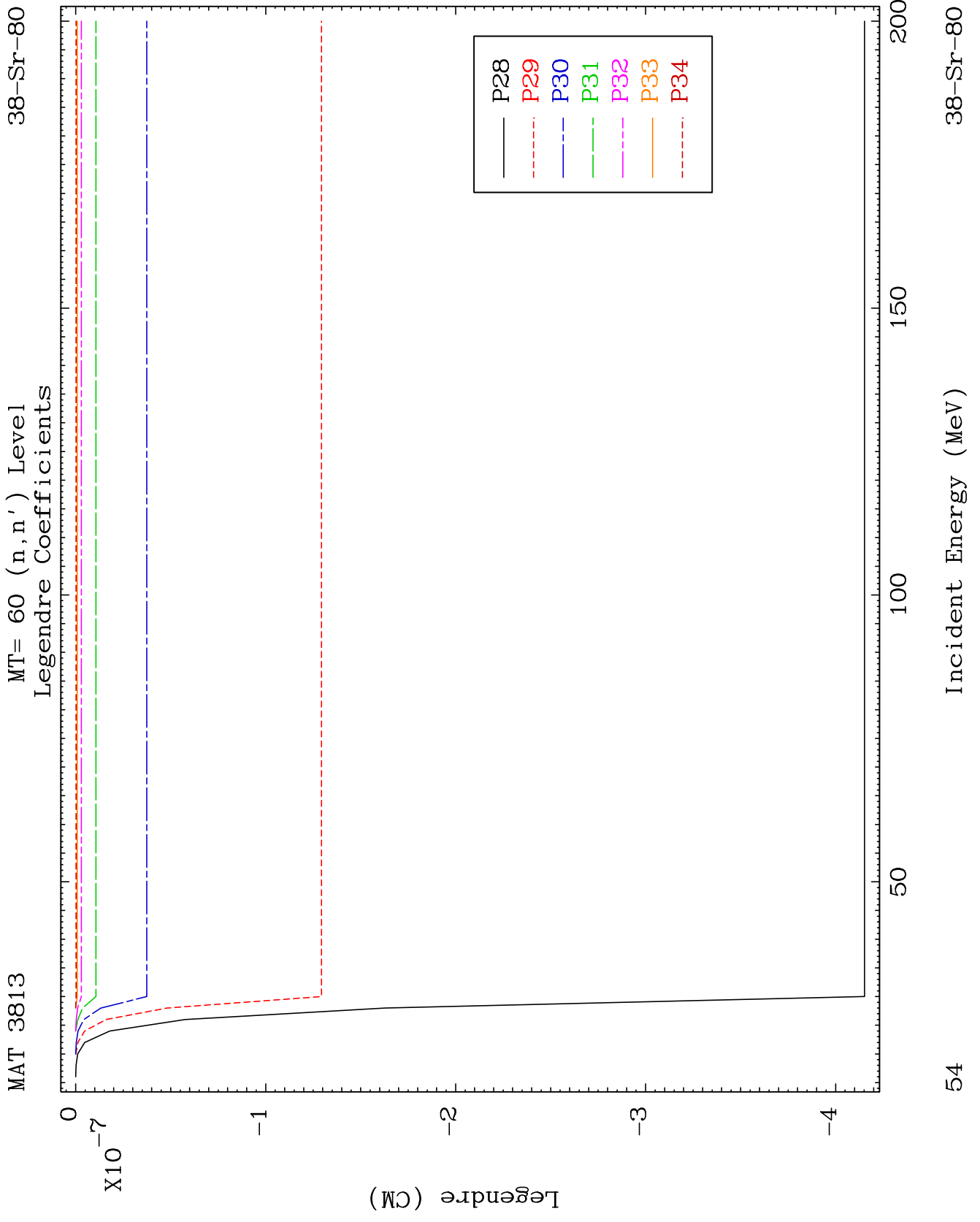


52

Incident Energy (MeV)

38-Sr-80

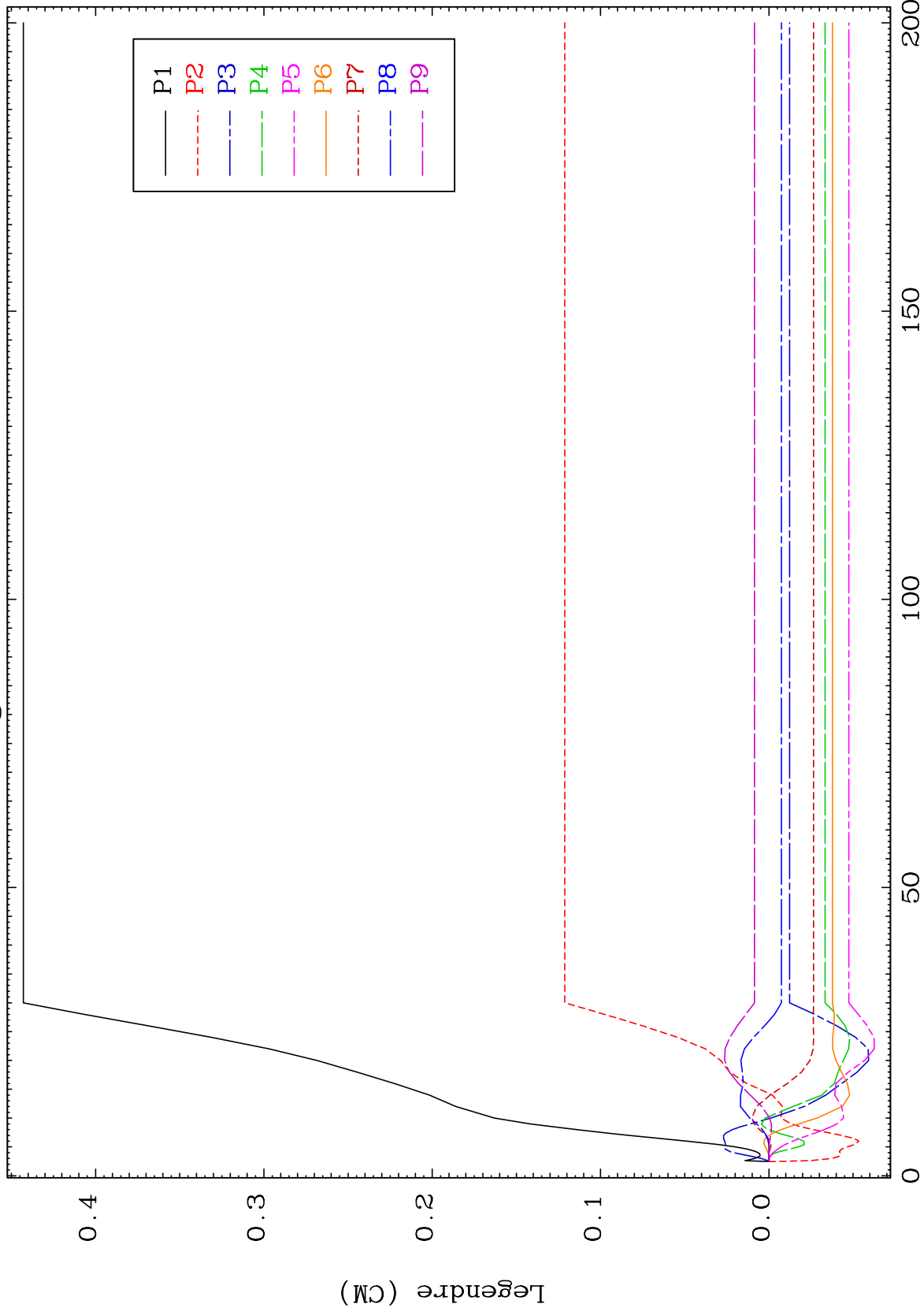




MAT 3813

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

38-Sr-80

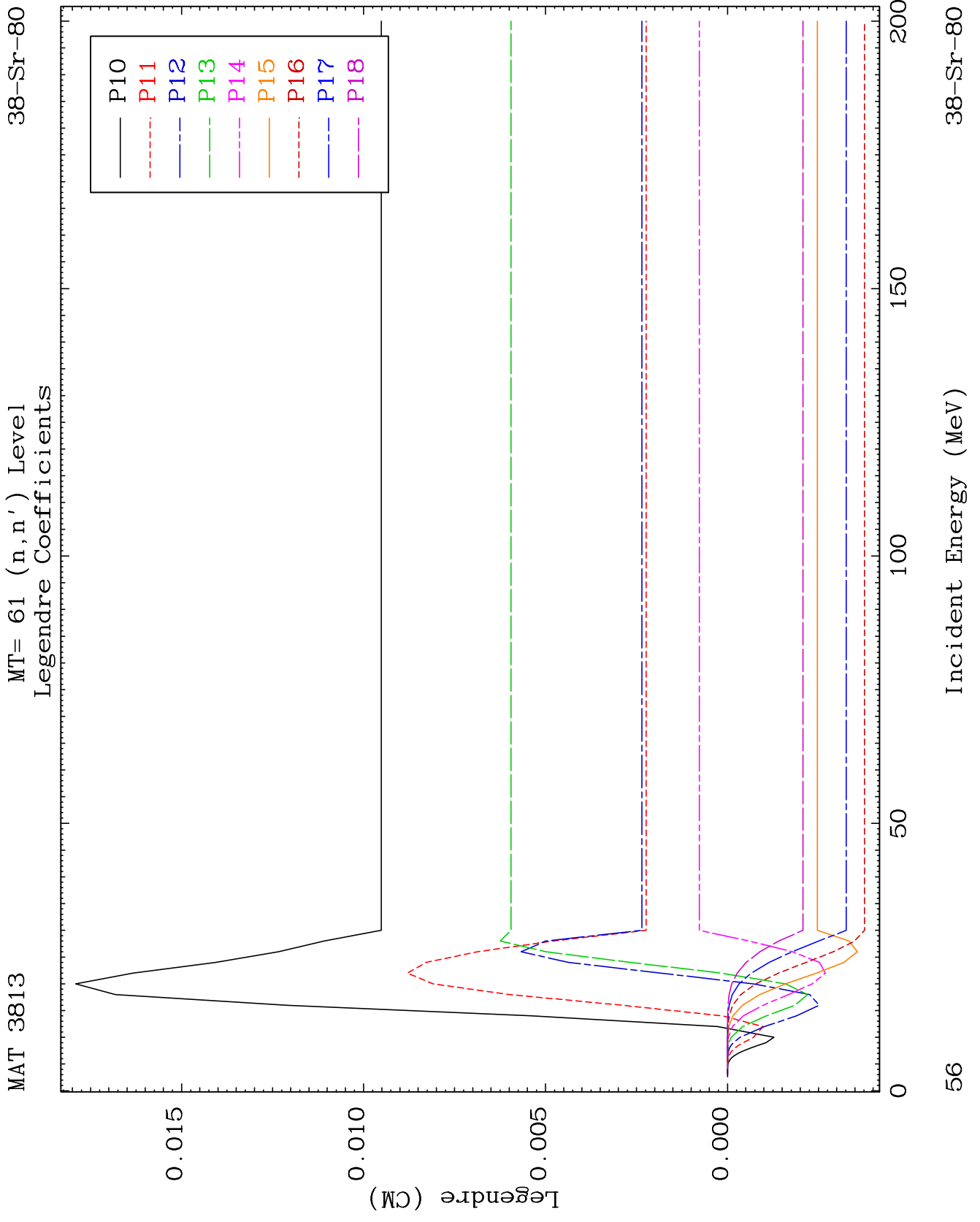


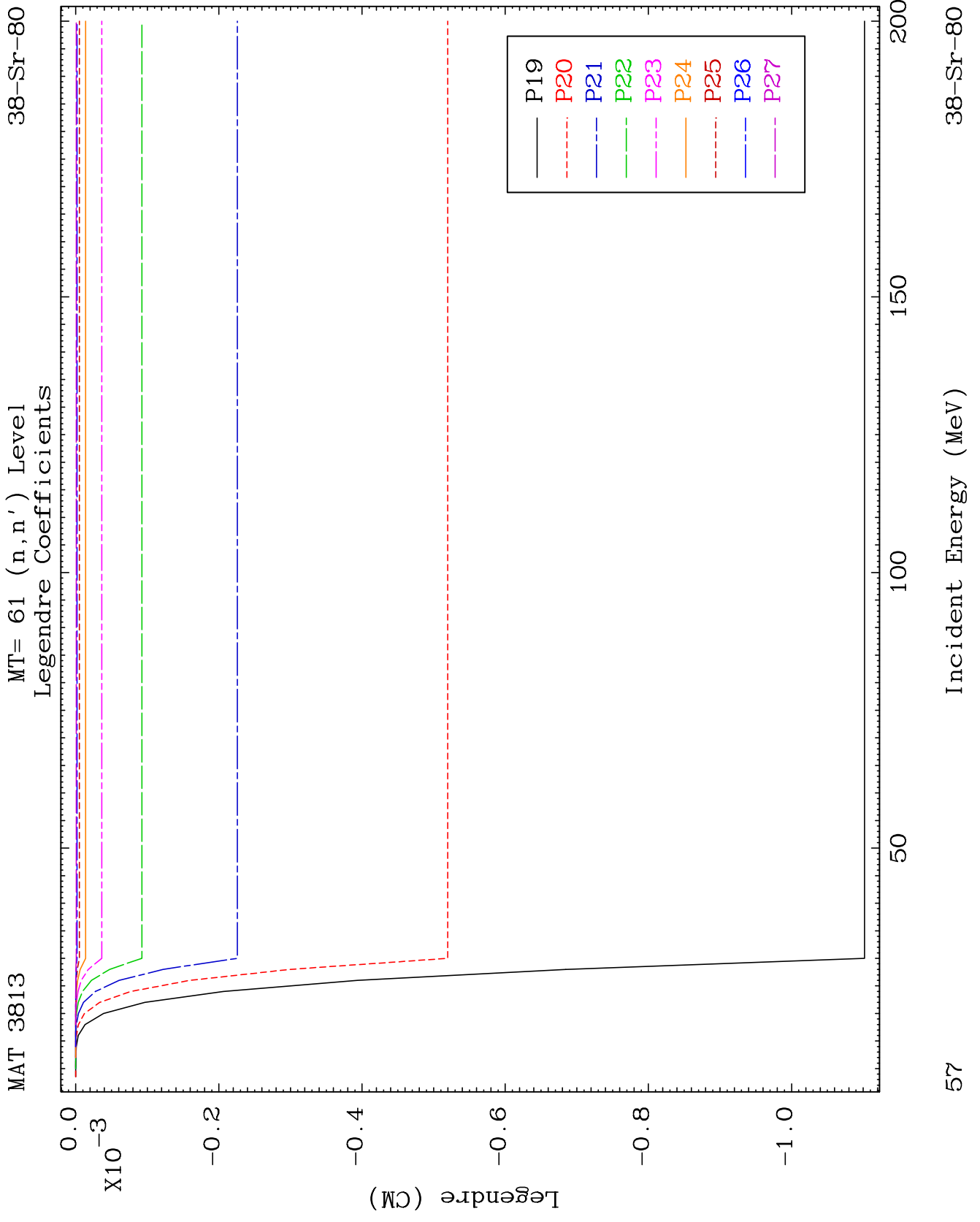
38-Sr-80

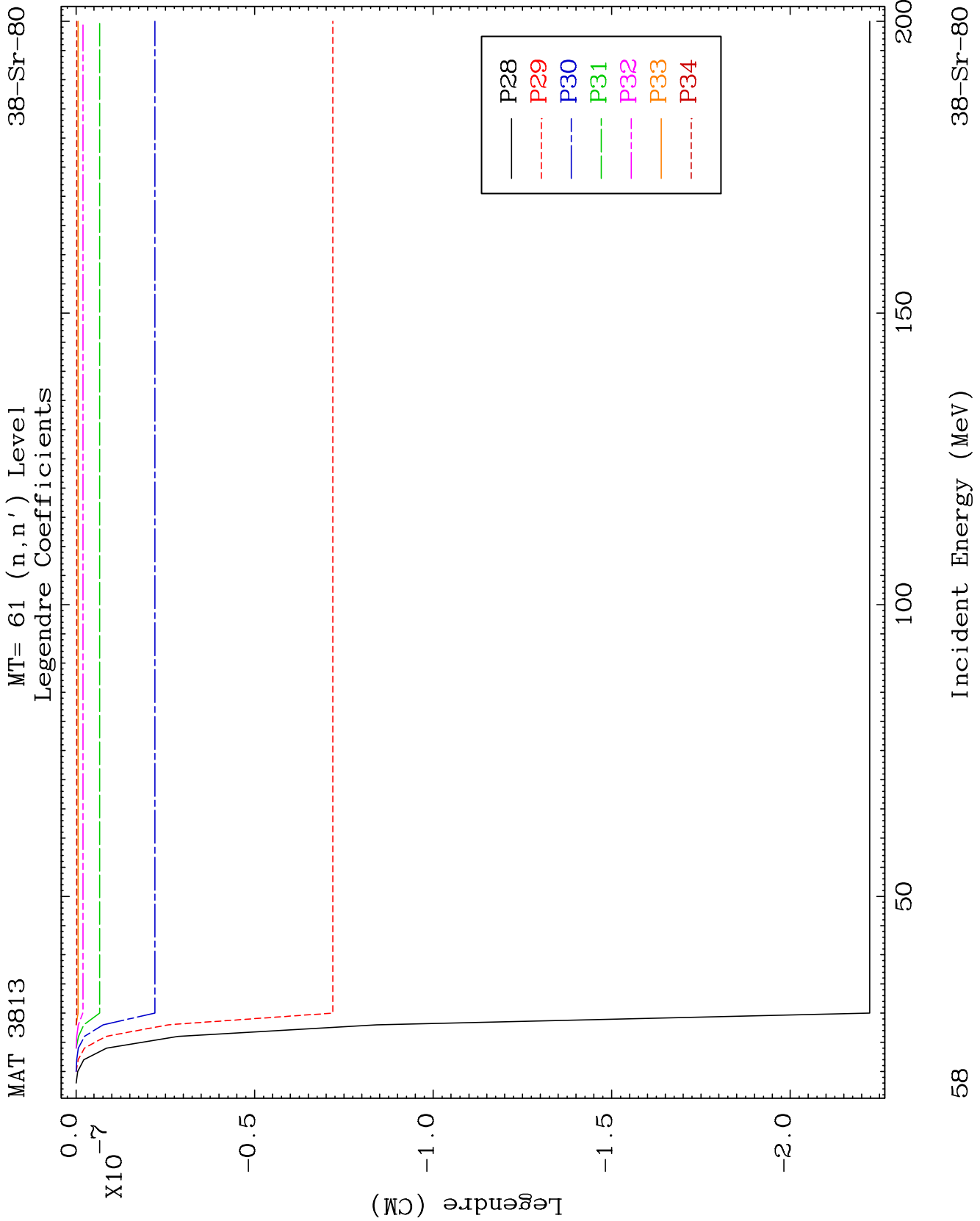
Incident Energy (MeV)

55











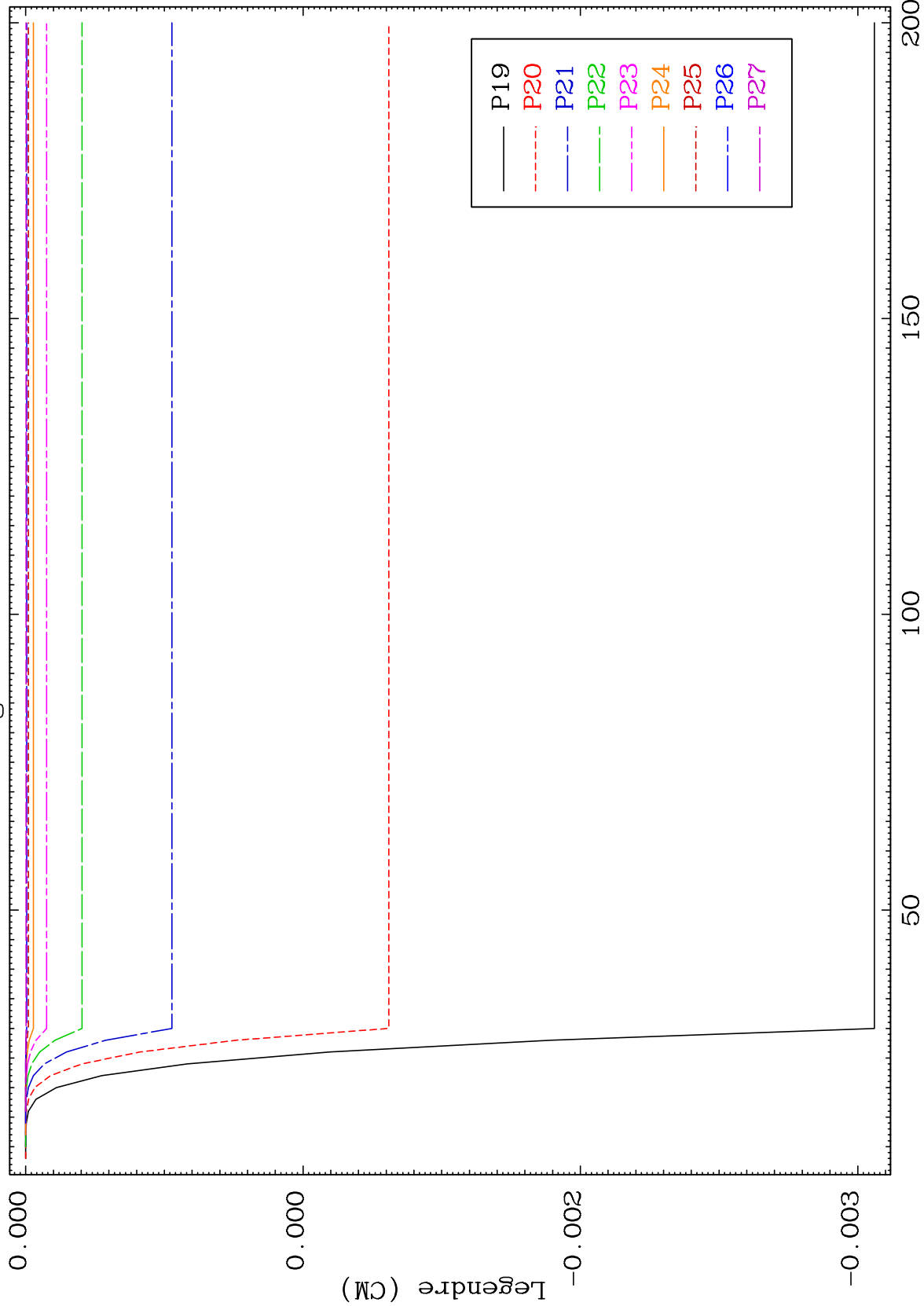


MAT 3813

MT= 62 (n,n') Level

38-Sr-80

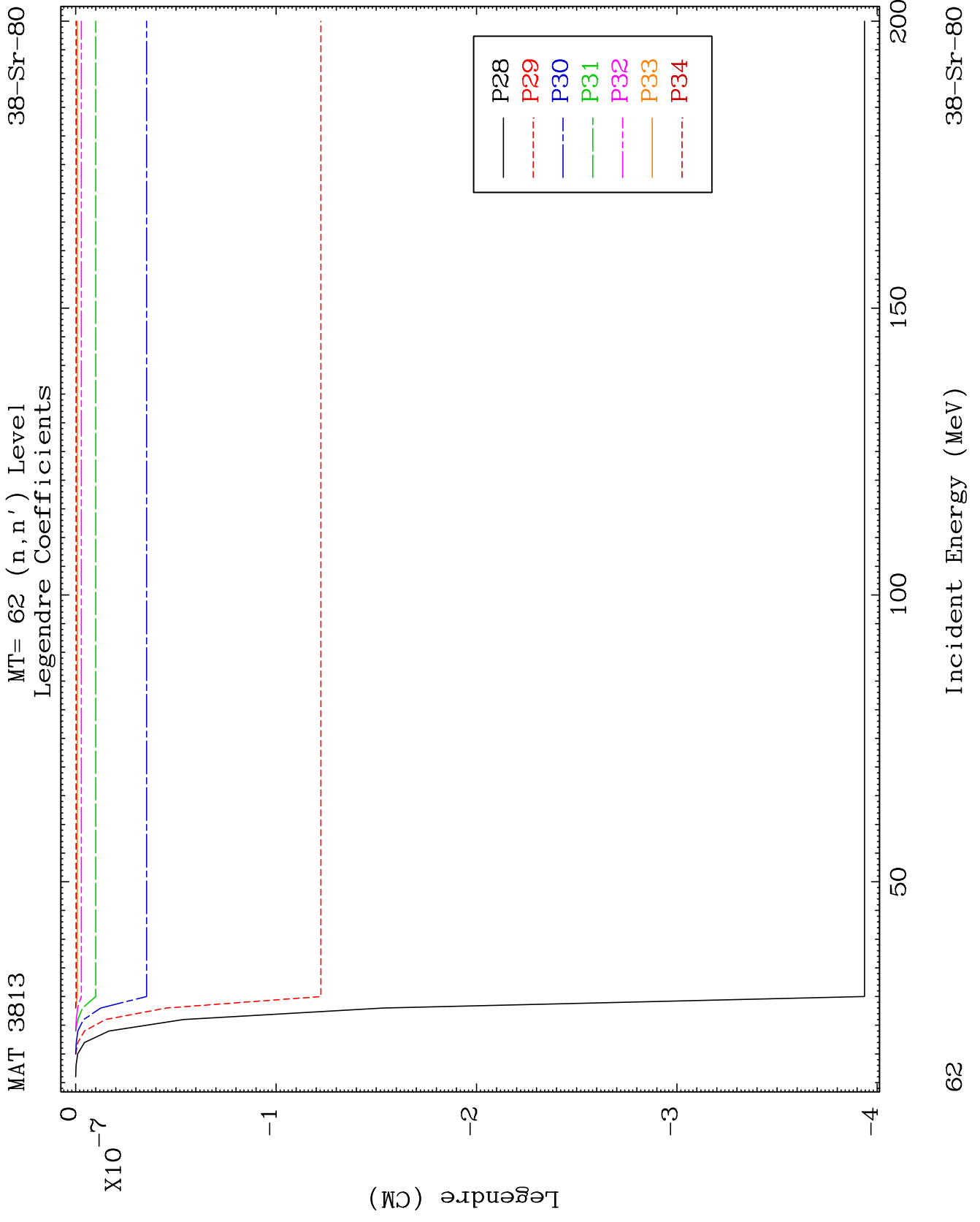
Legendre Coefficients



38-Sr-80

Incident Energy (MeV)

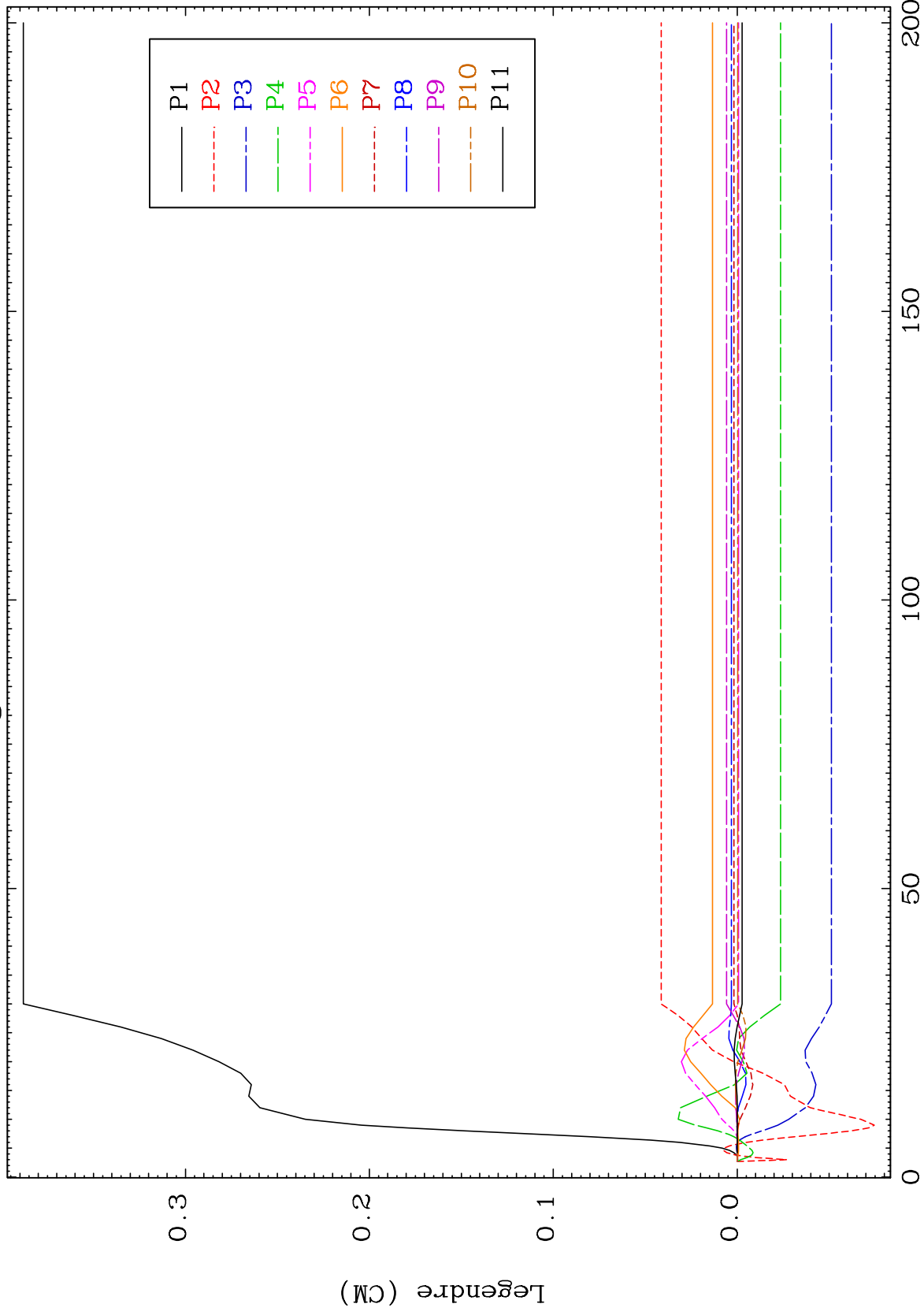
61



MAT 3813

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

38-Sr-80



63

Incident Energy (MeV)

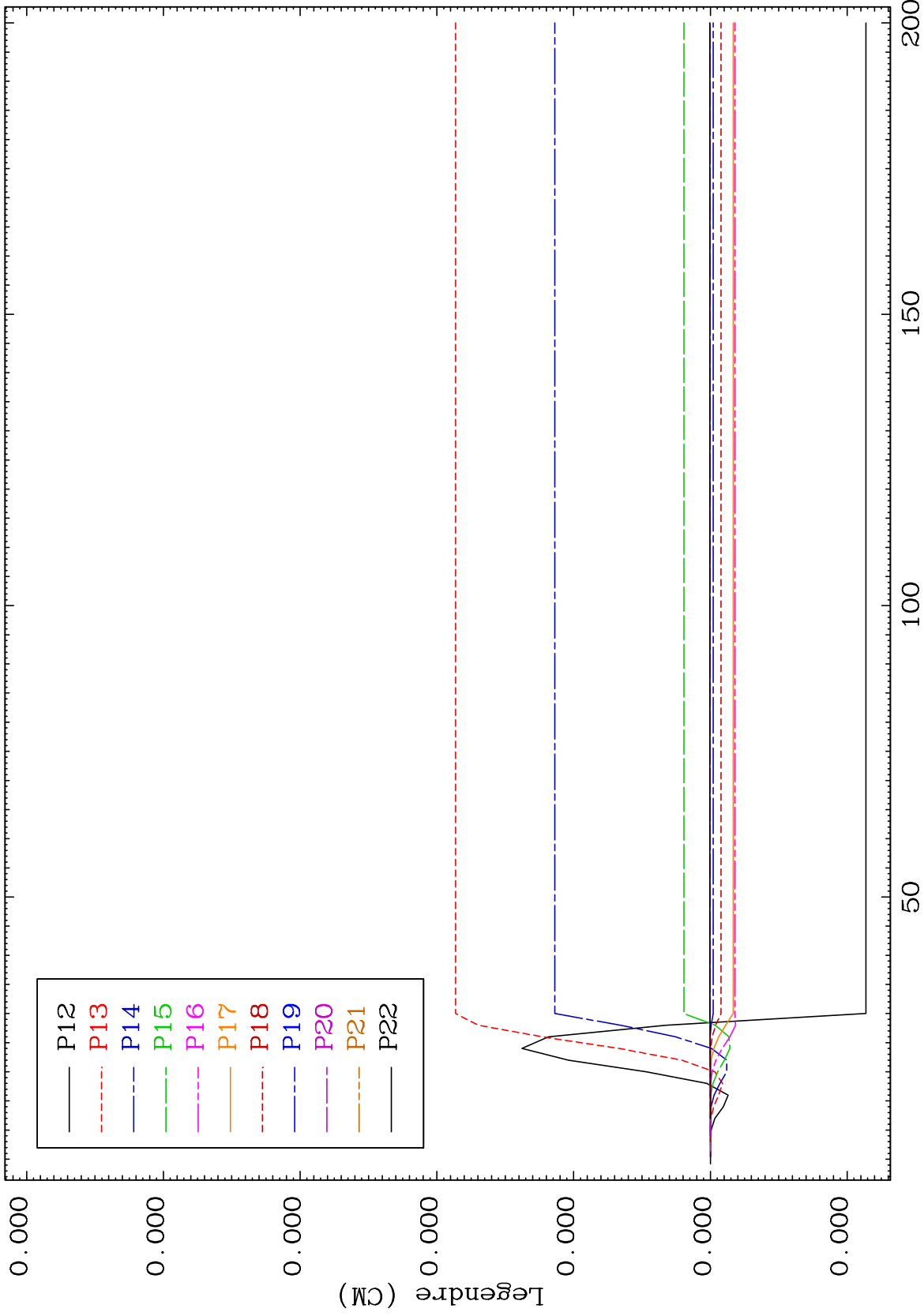
38-Sr-80



MAT 3813

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

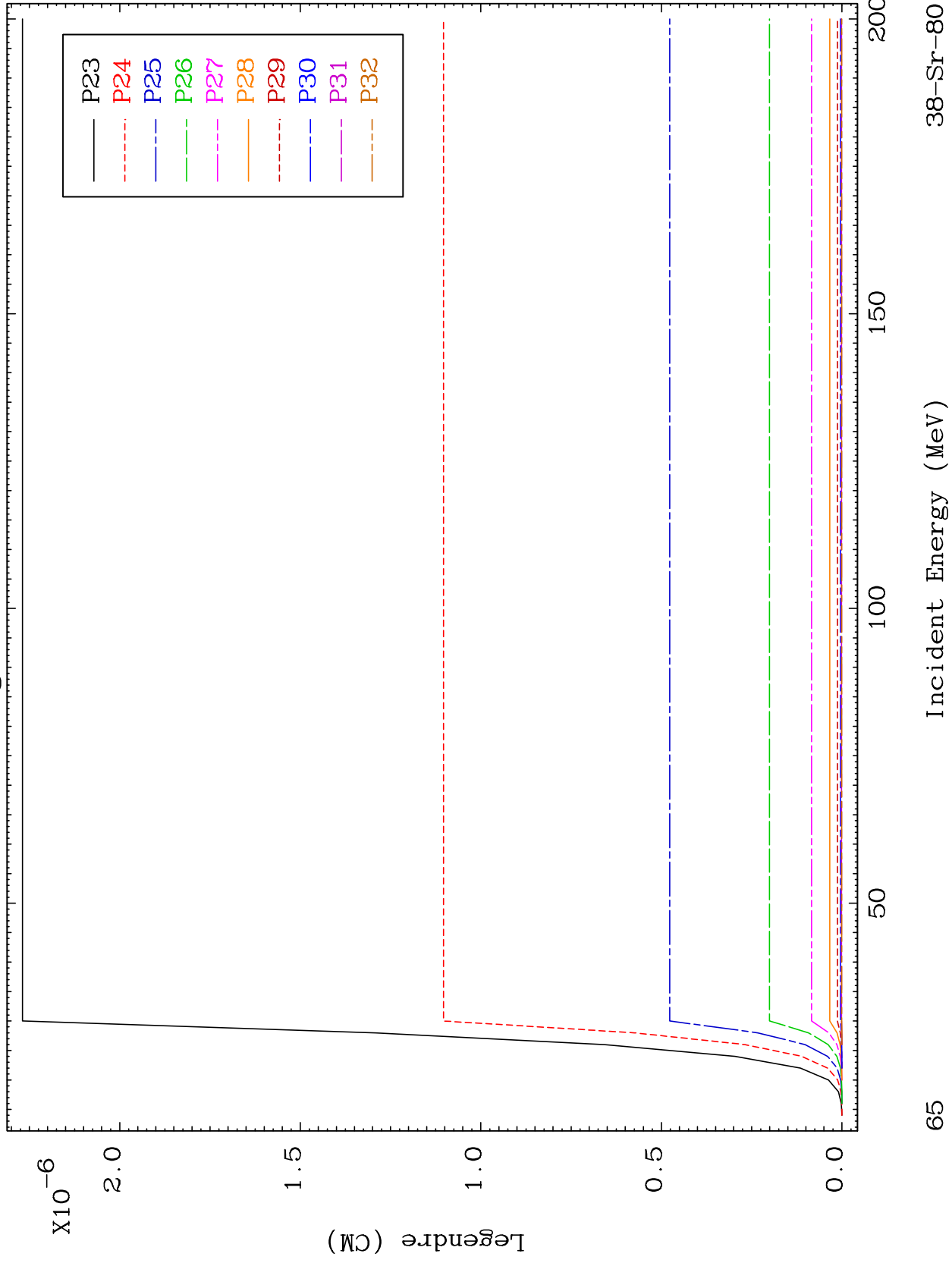
38-Sr-80



MAT 3813

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

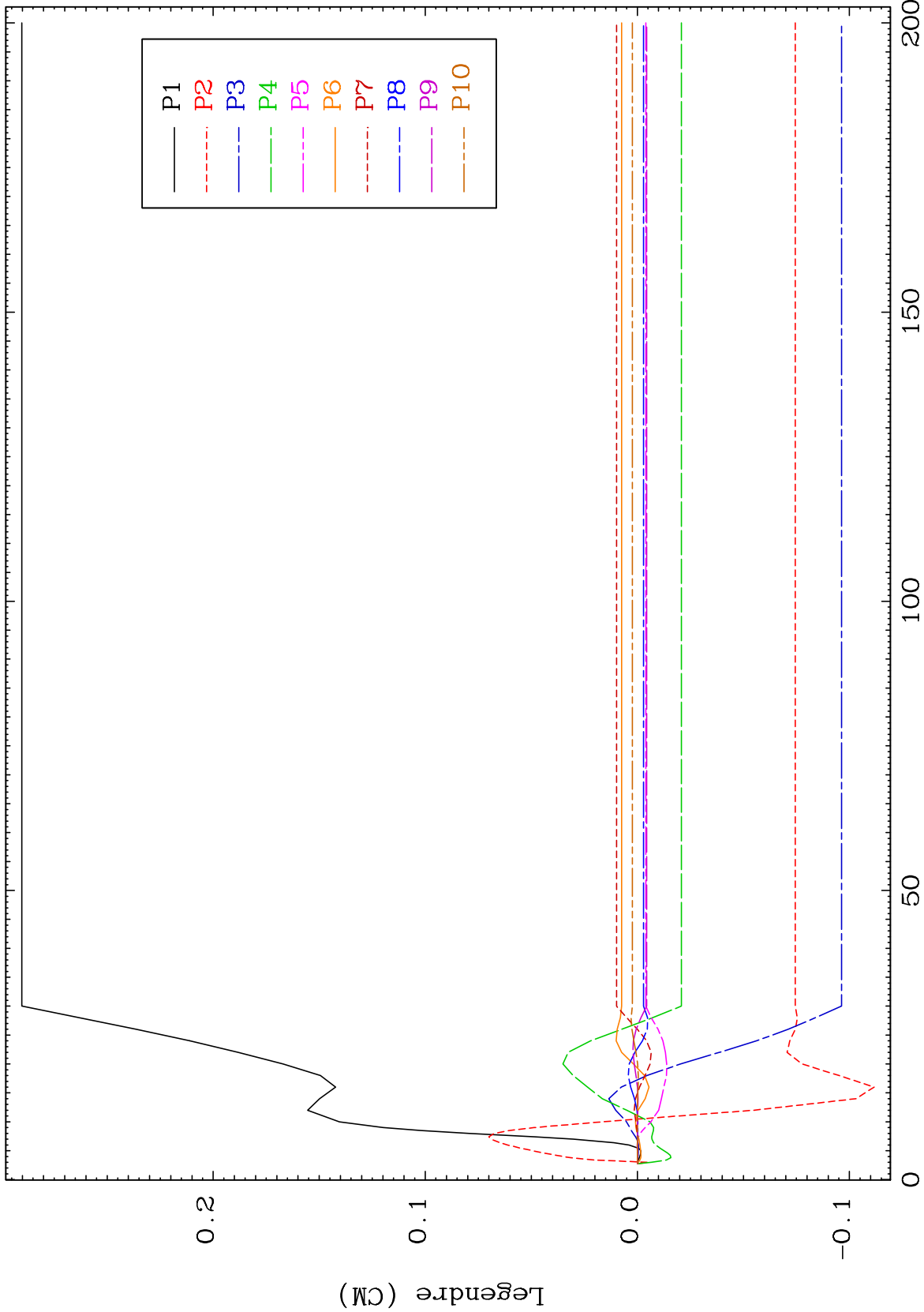
38-Sr-80



MAT 3813

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

38-Sr-80



66

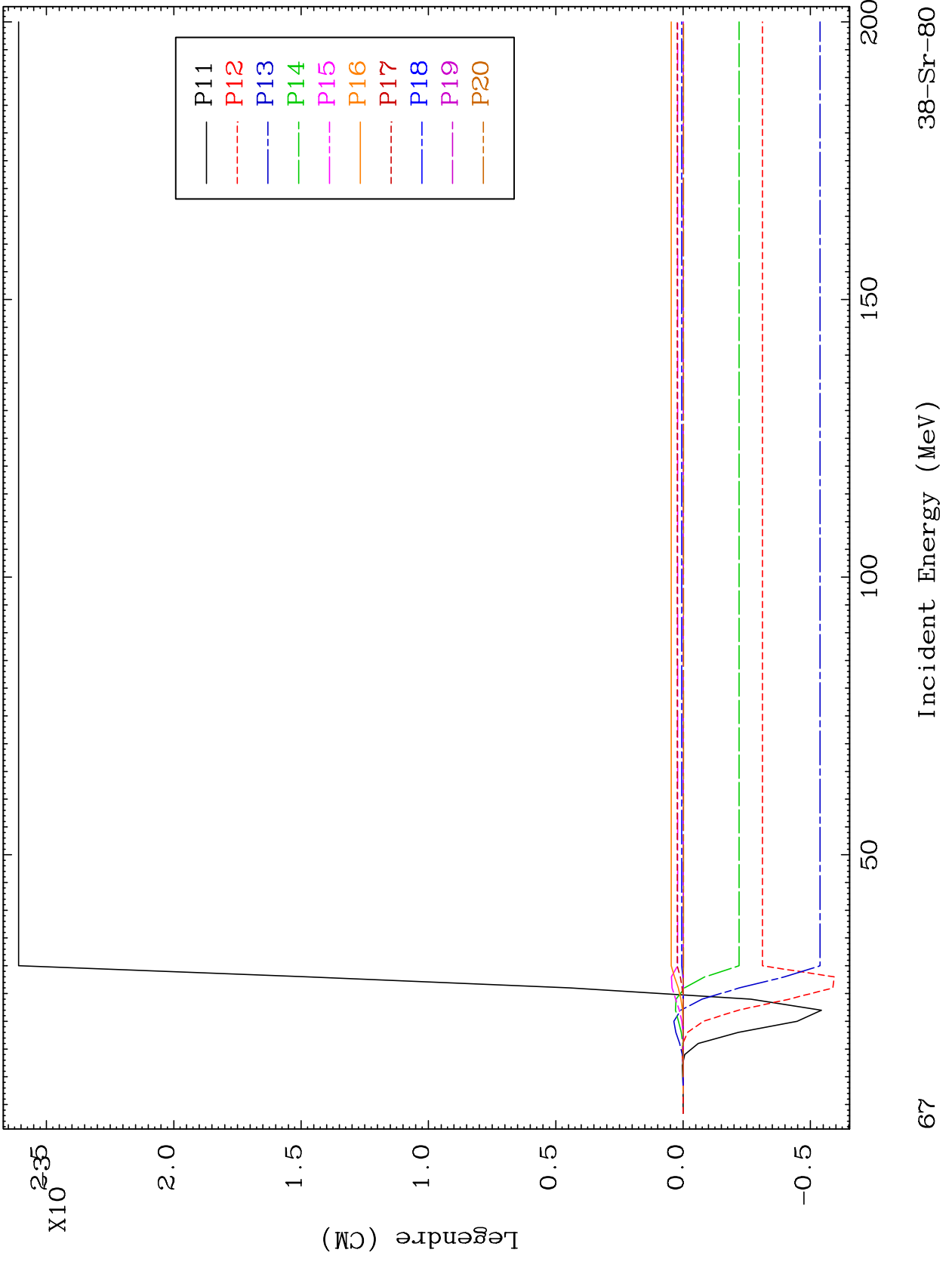
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

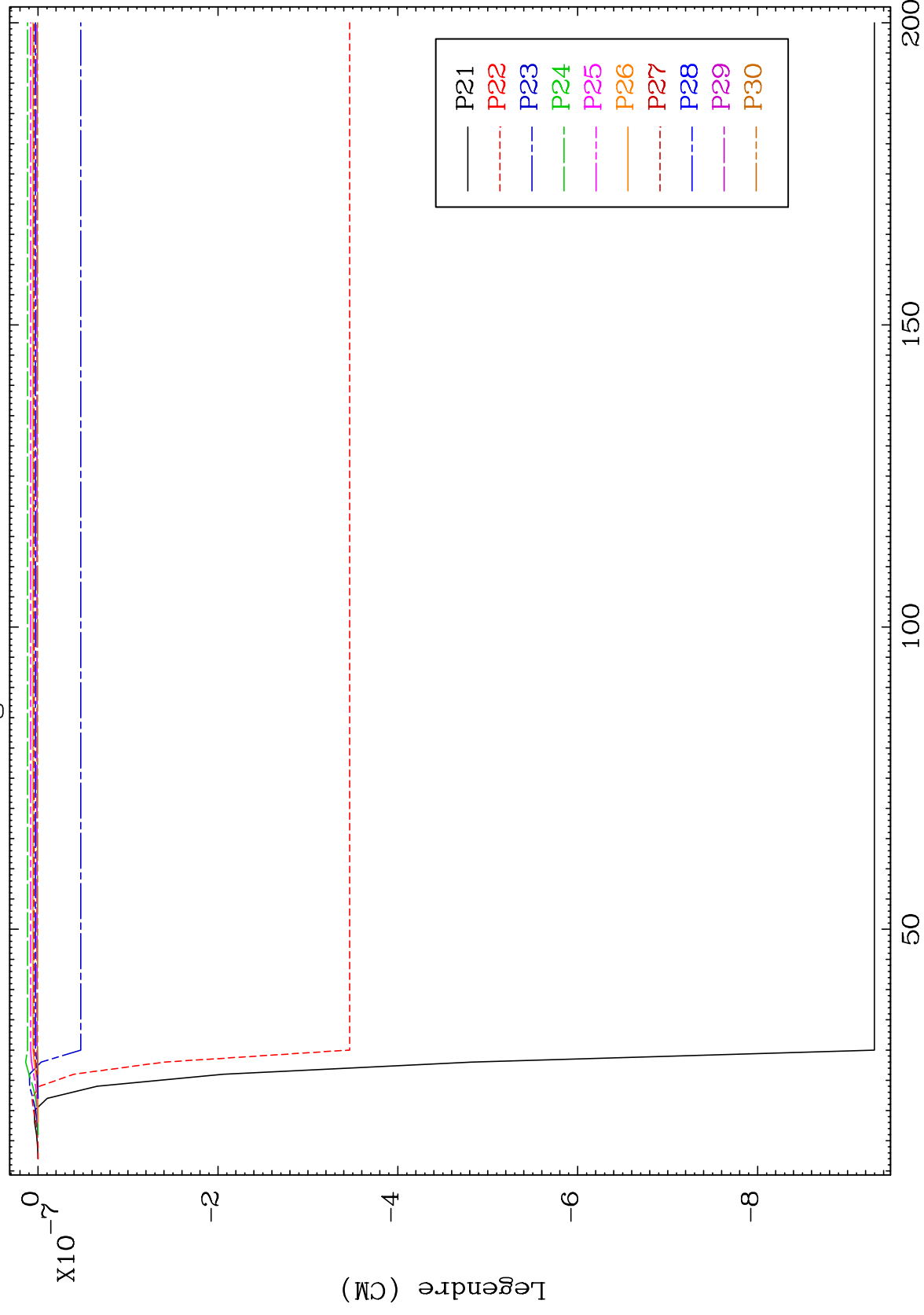
38-Sr-80



MAT 3813

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

38-Sr-80



68

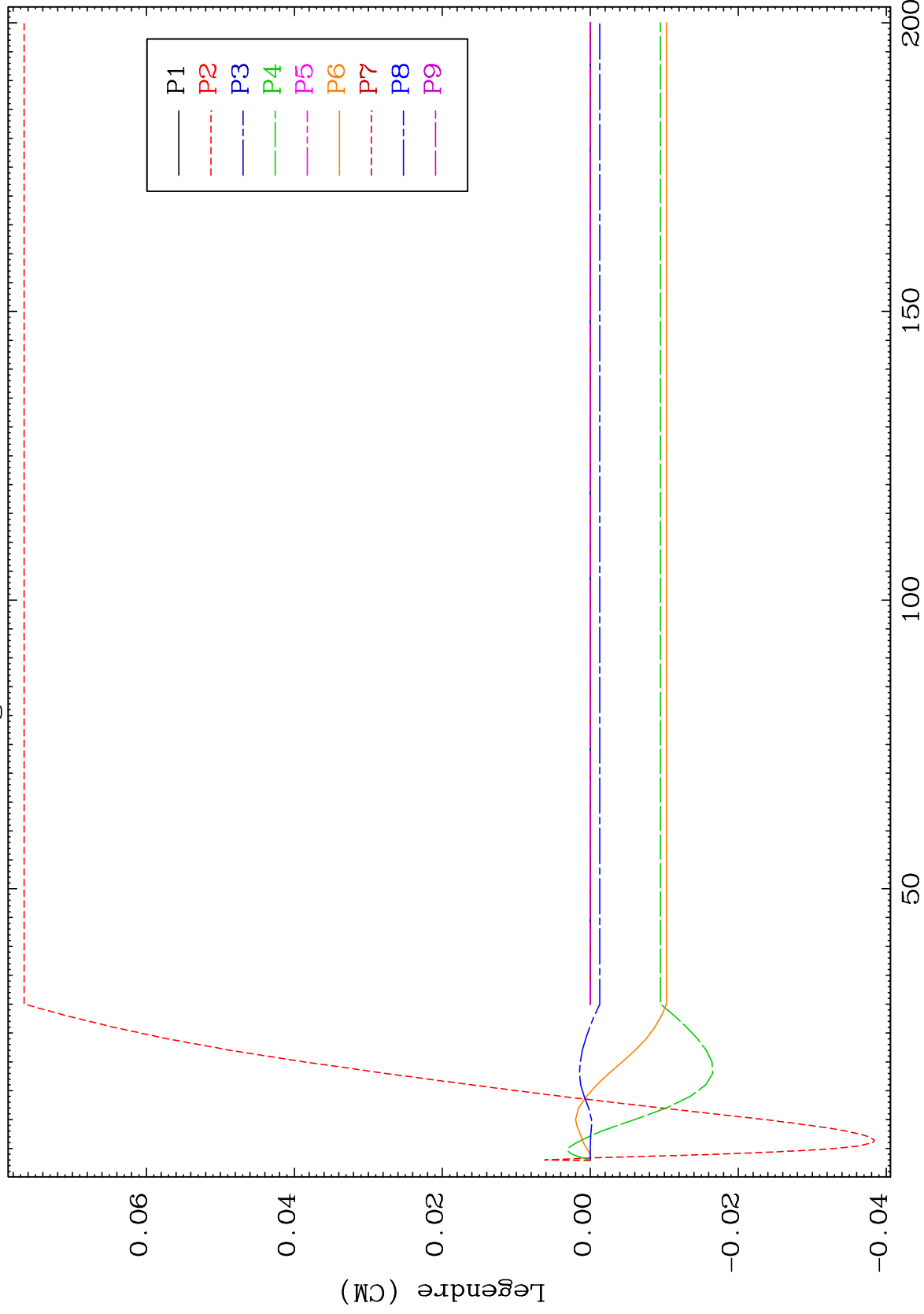
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



69

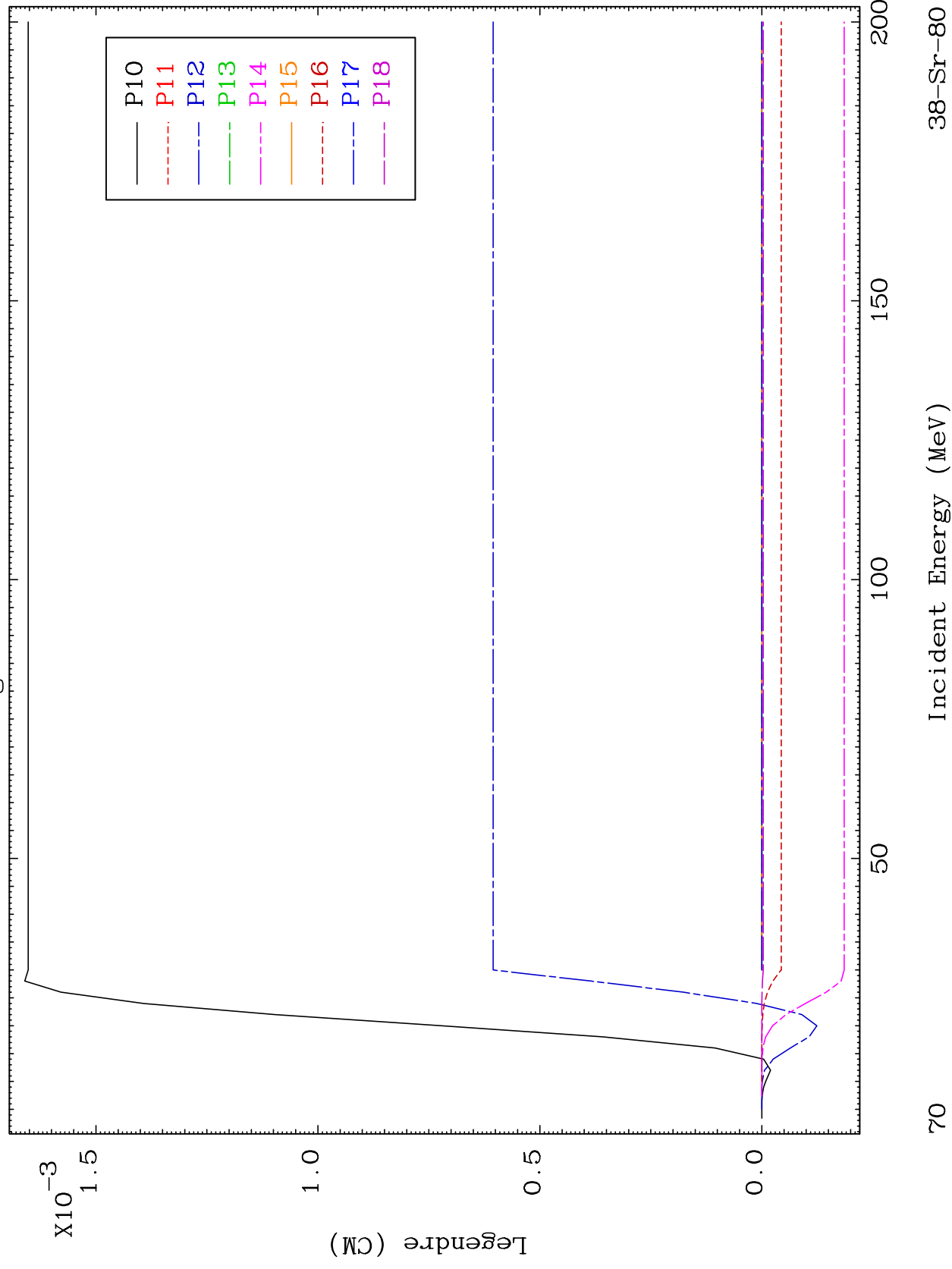
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



70

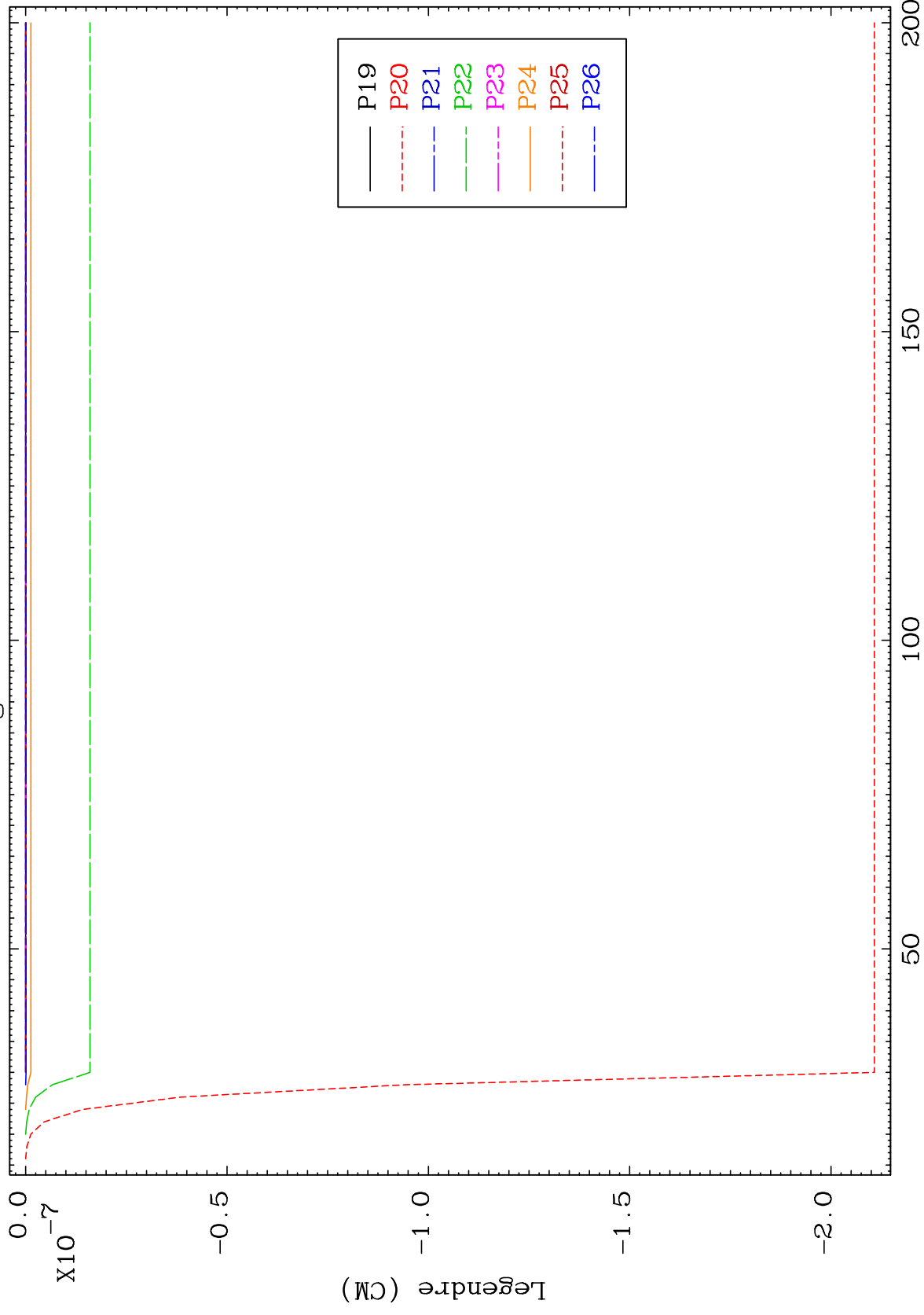
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



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Incident Energy (MeV)

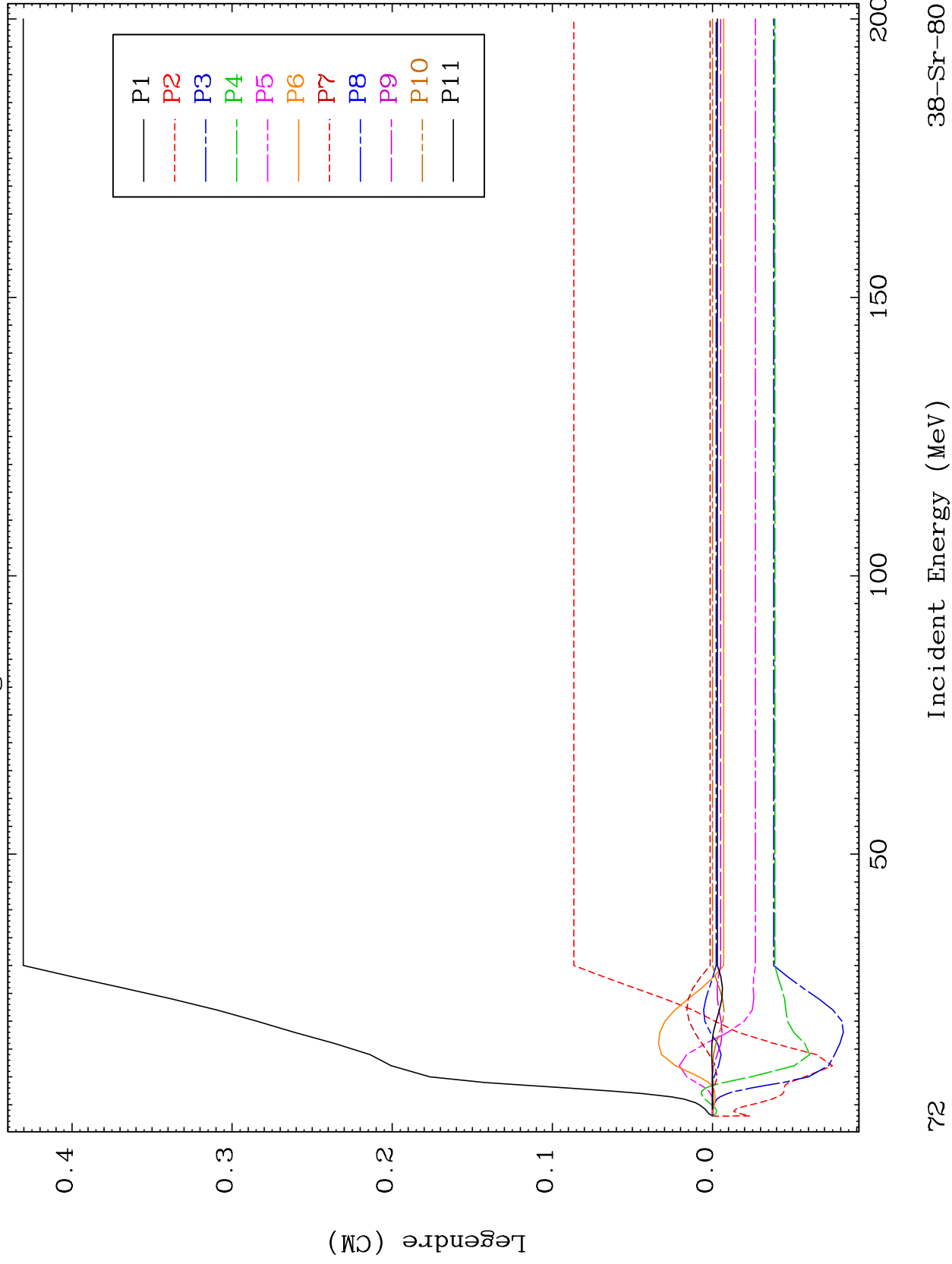
38-Sr-80



MAT 3813

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

38-Sr-80



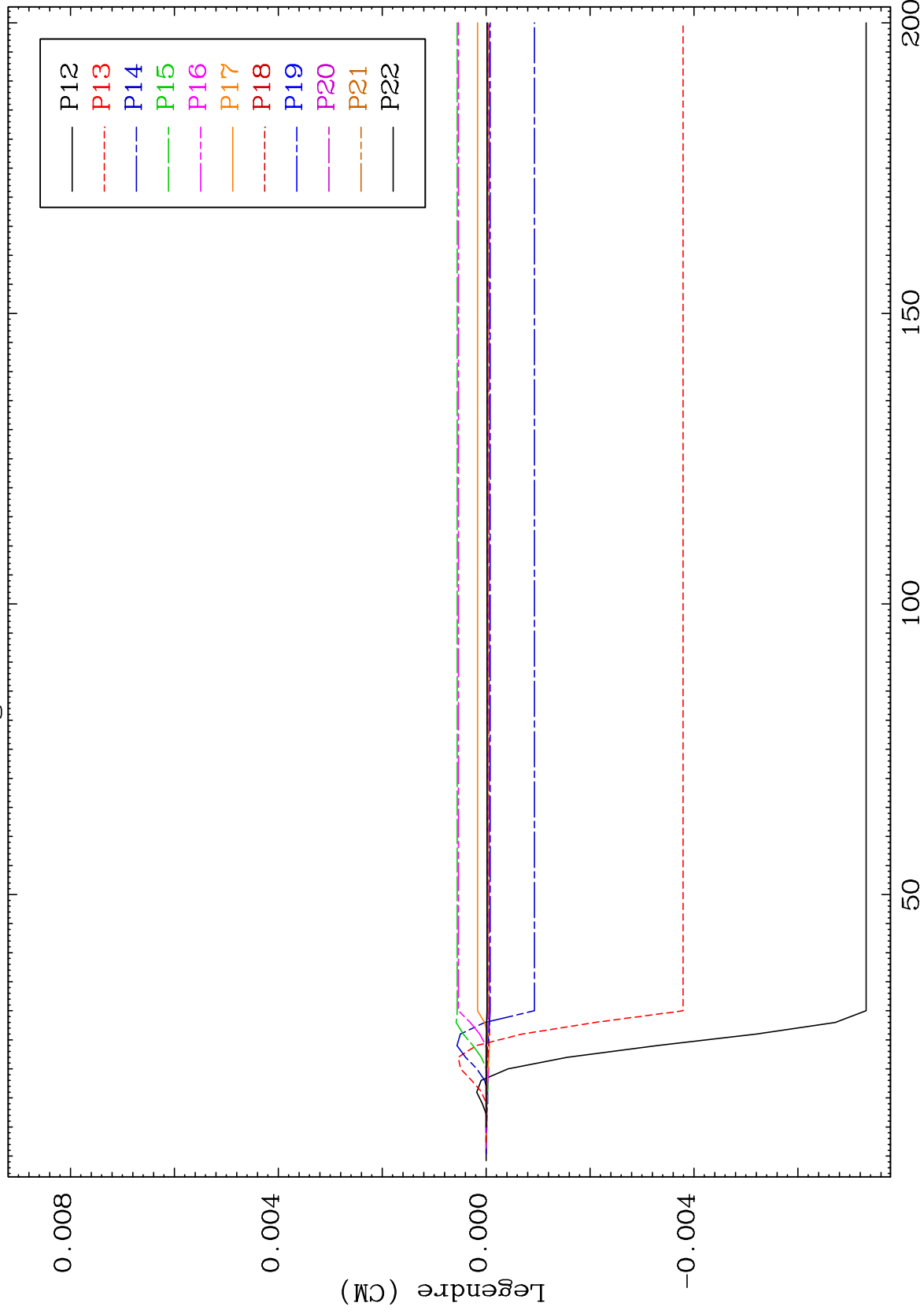
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38-Sr-80

MAT 3813

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

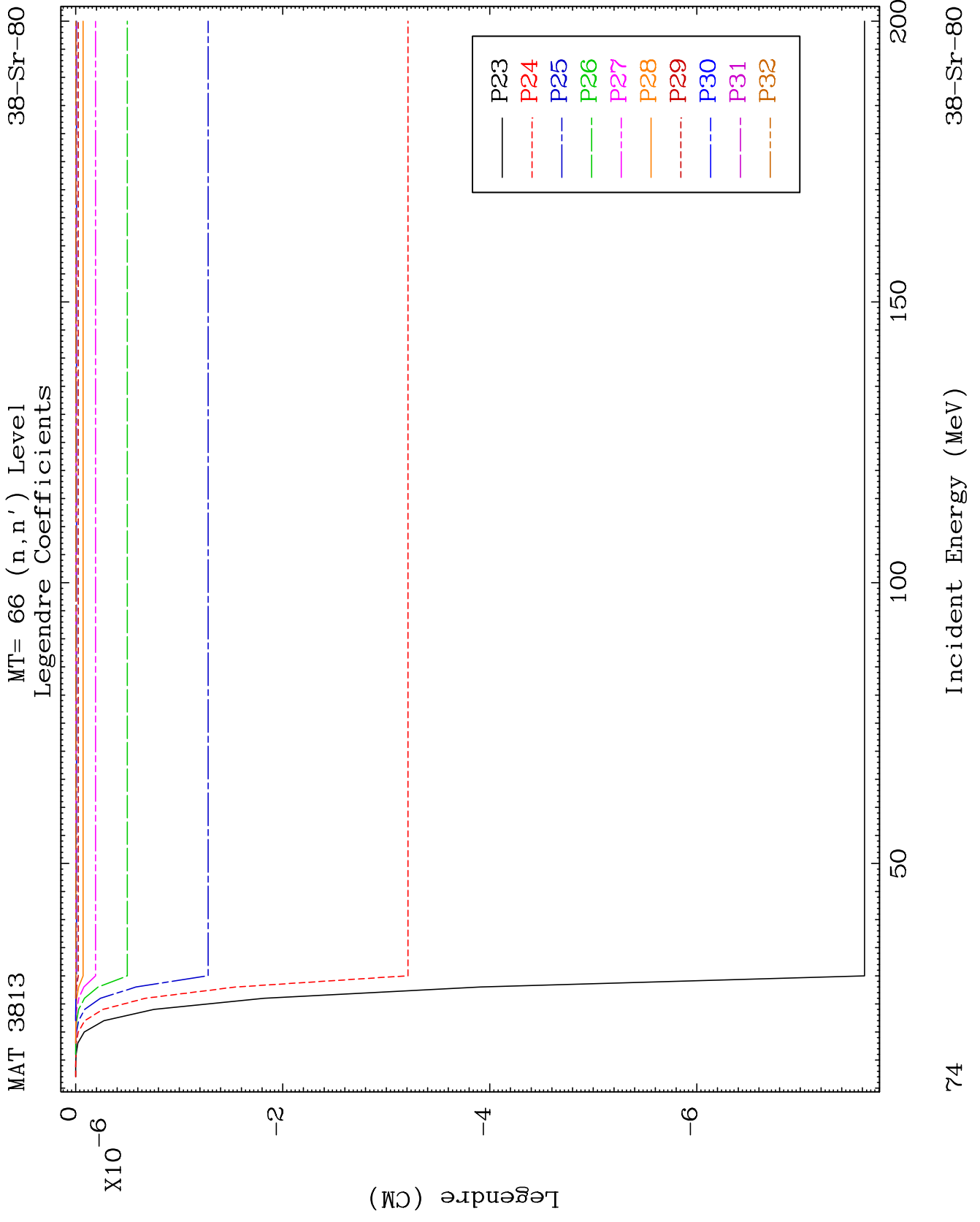
38-Sr-80



73

Incident Energy (MeV)

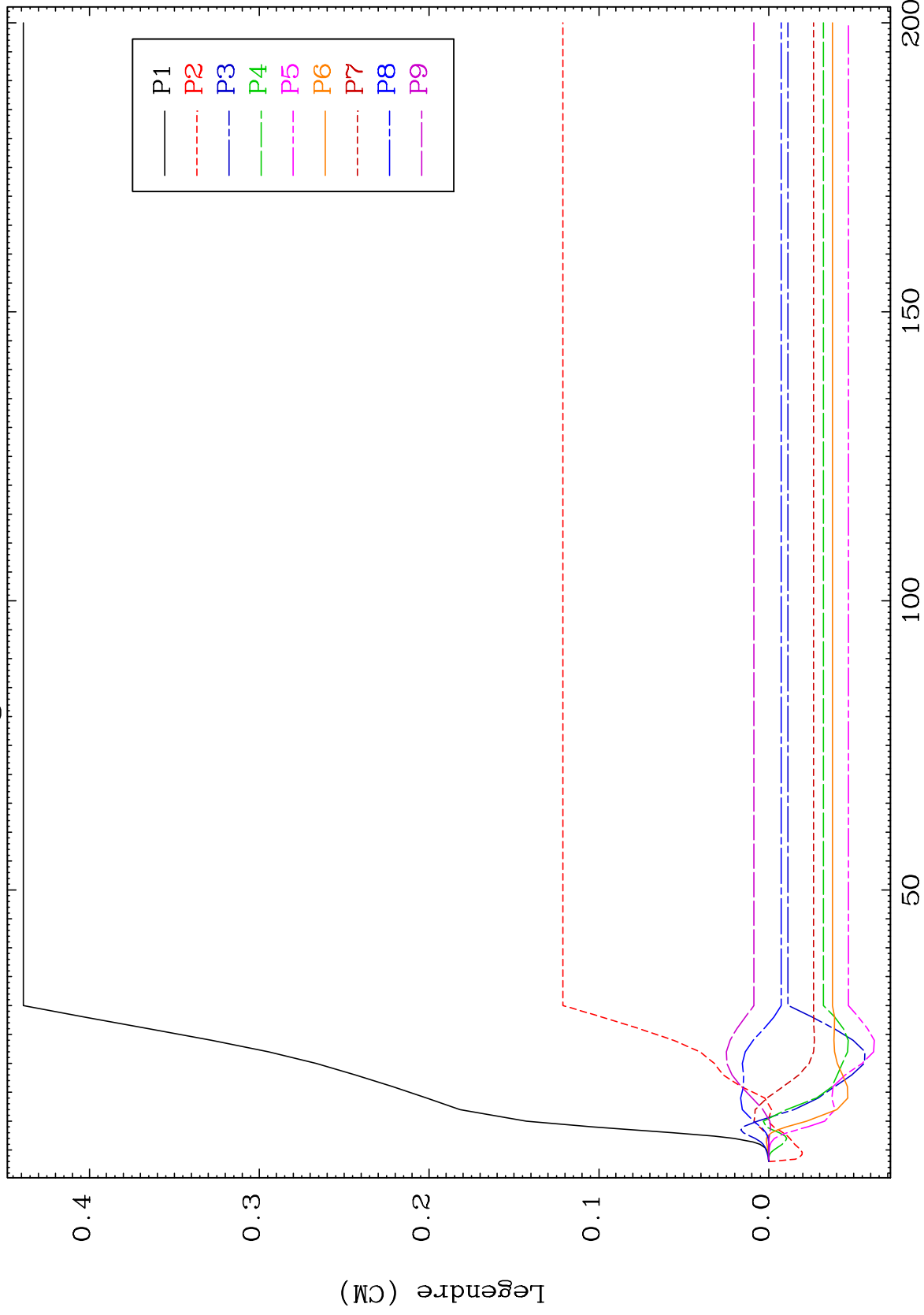
38-Sr-80



MAT 3813

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

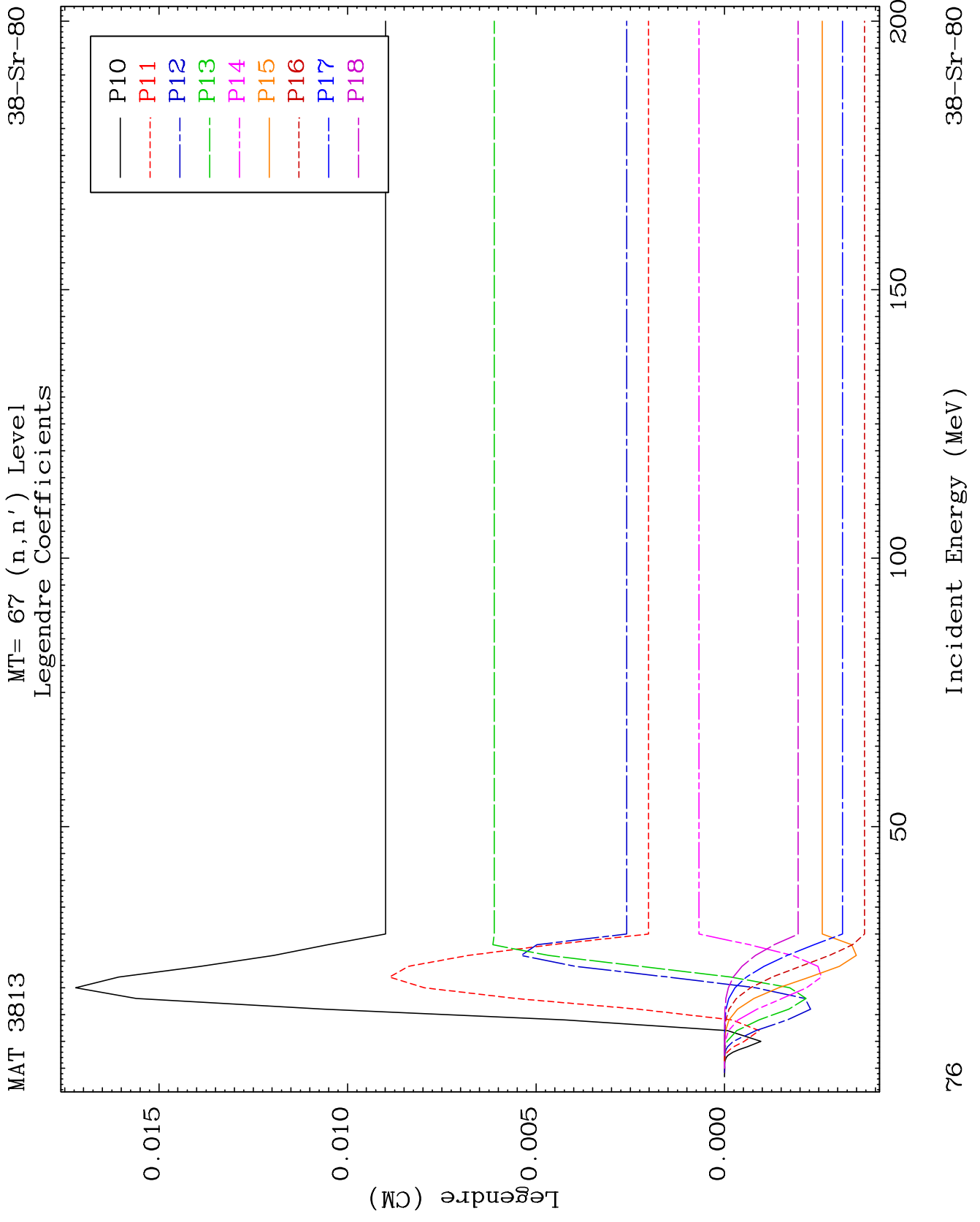
38-Sr-80

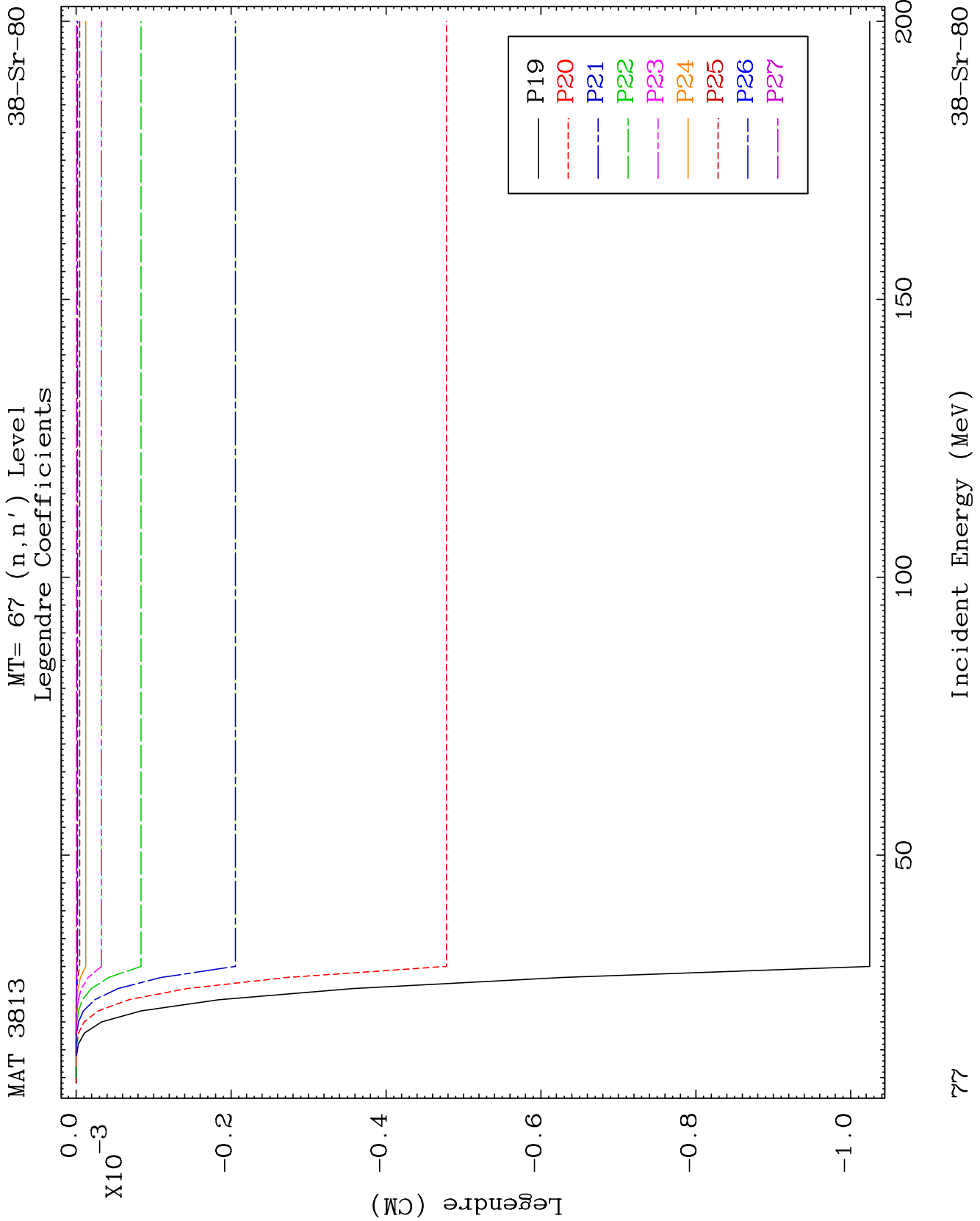


75

Incident Energy (MeV)

38-Sr-80







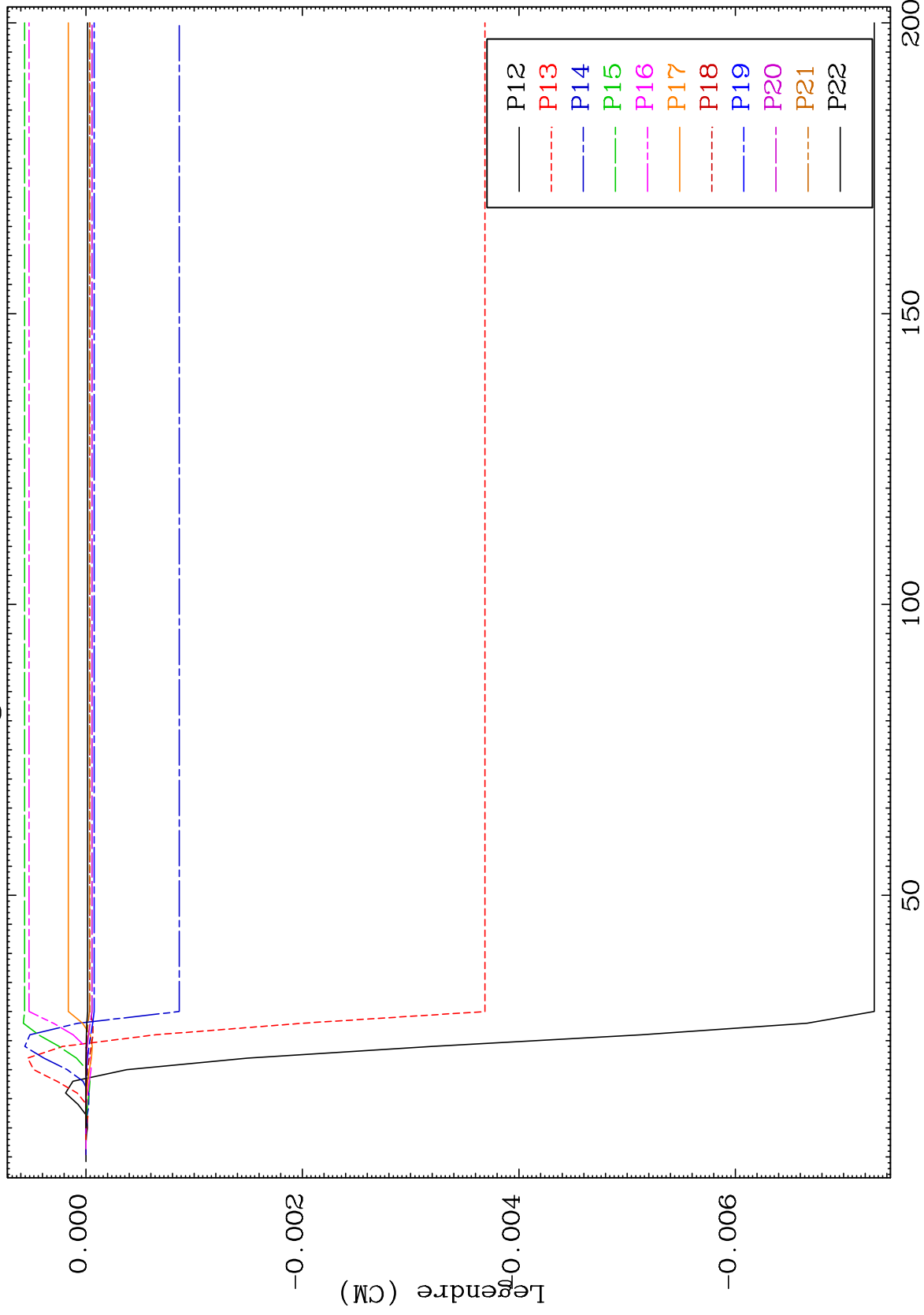




MAT 3813

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

38-Sr-80



80

Incident Energy (MeV)

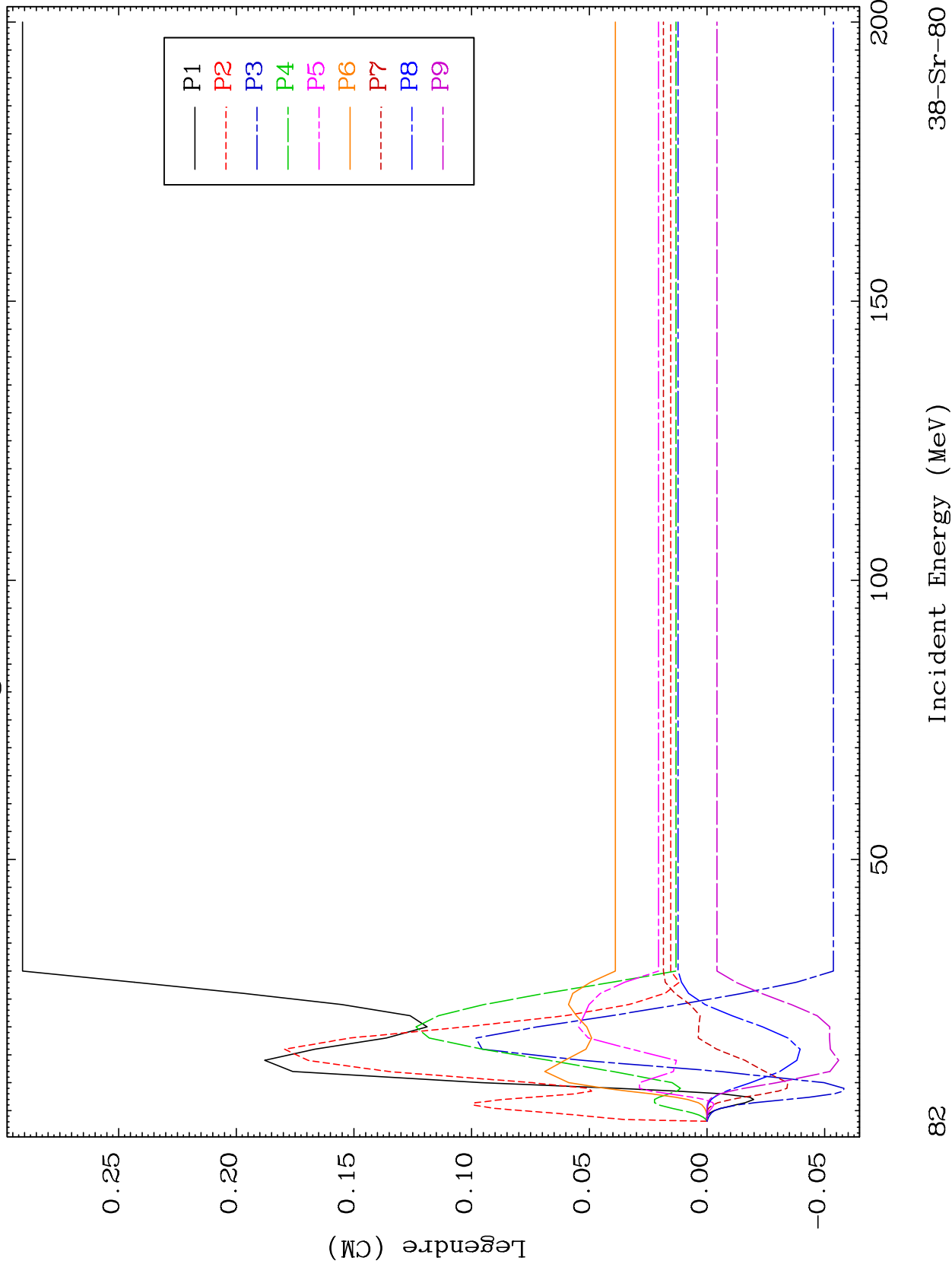
38-Sr-80



MAT 3813

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

38-Sr-80



82

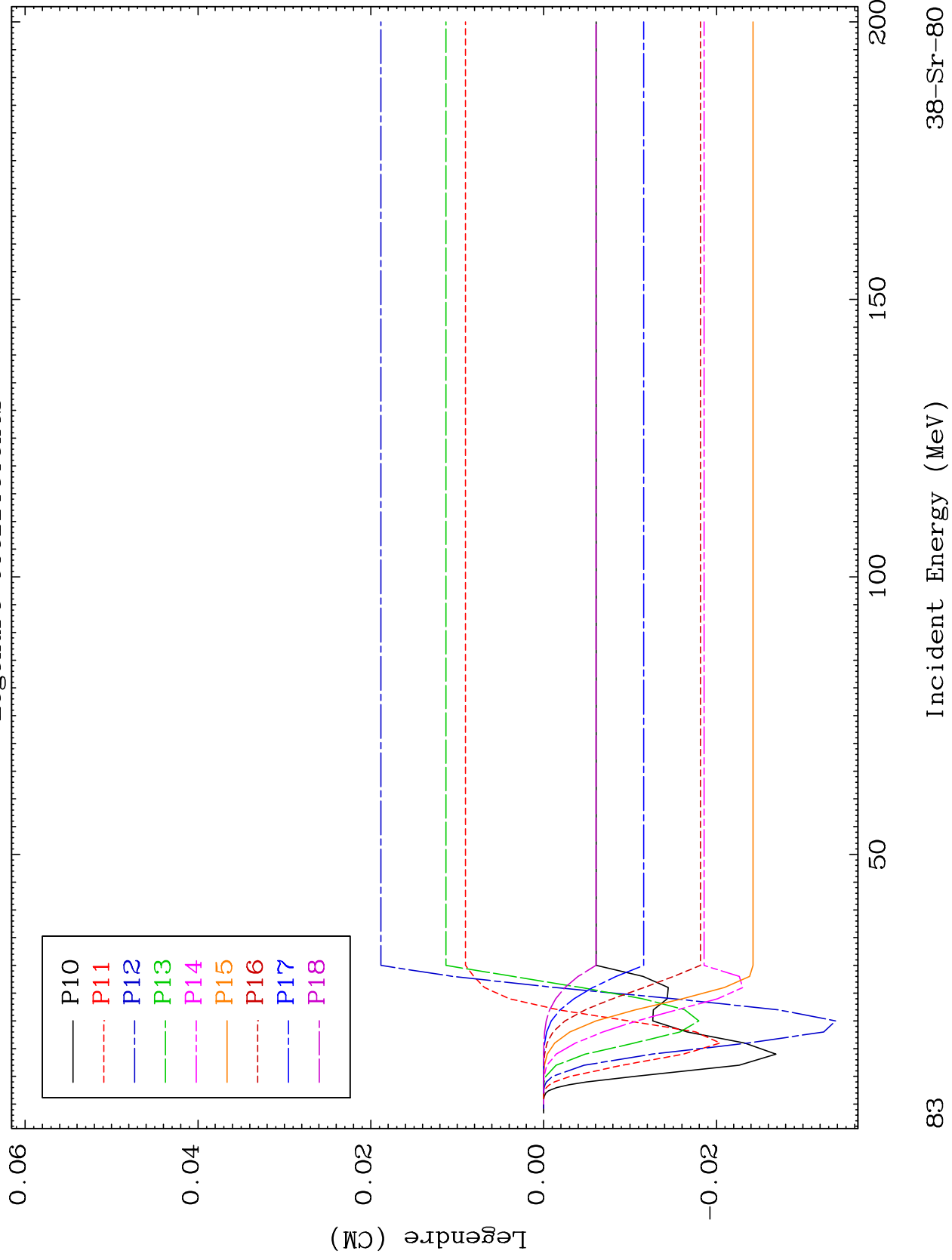
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

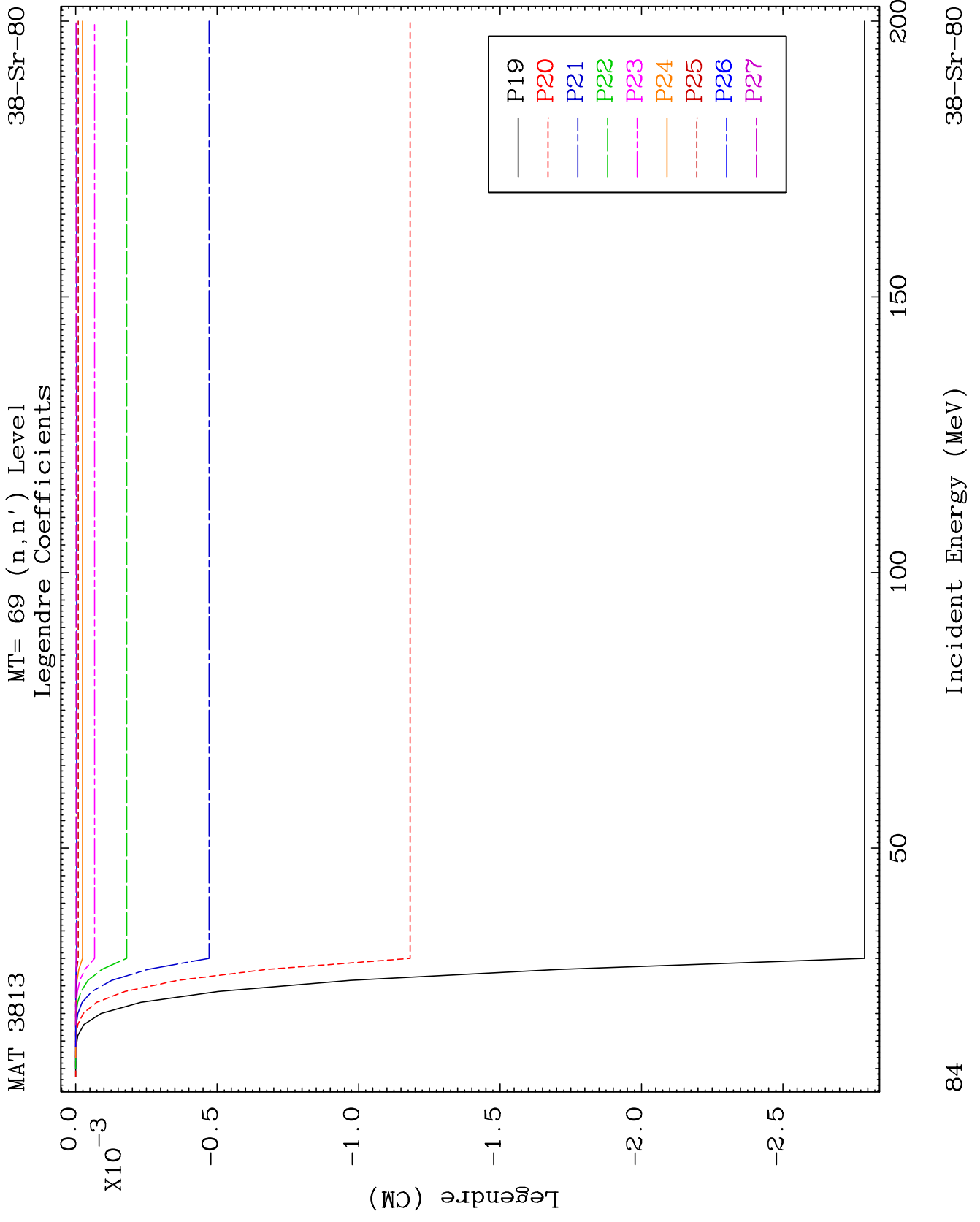
38-Sr-80



83

Incident Energy (MeV)

38-Sr-80

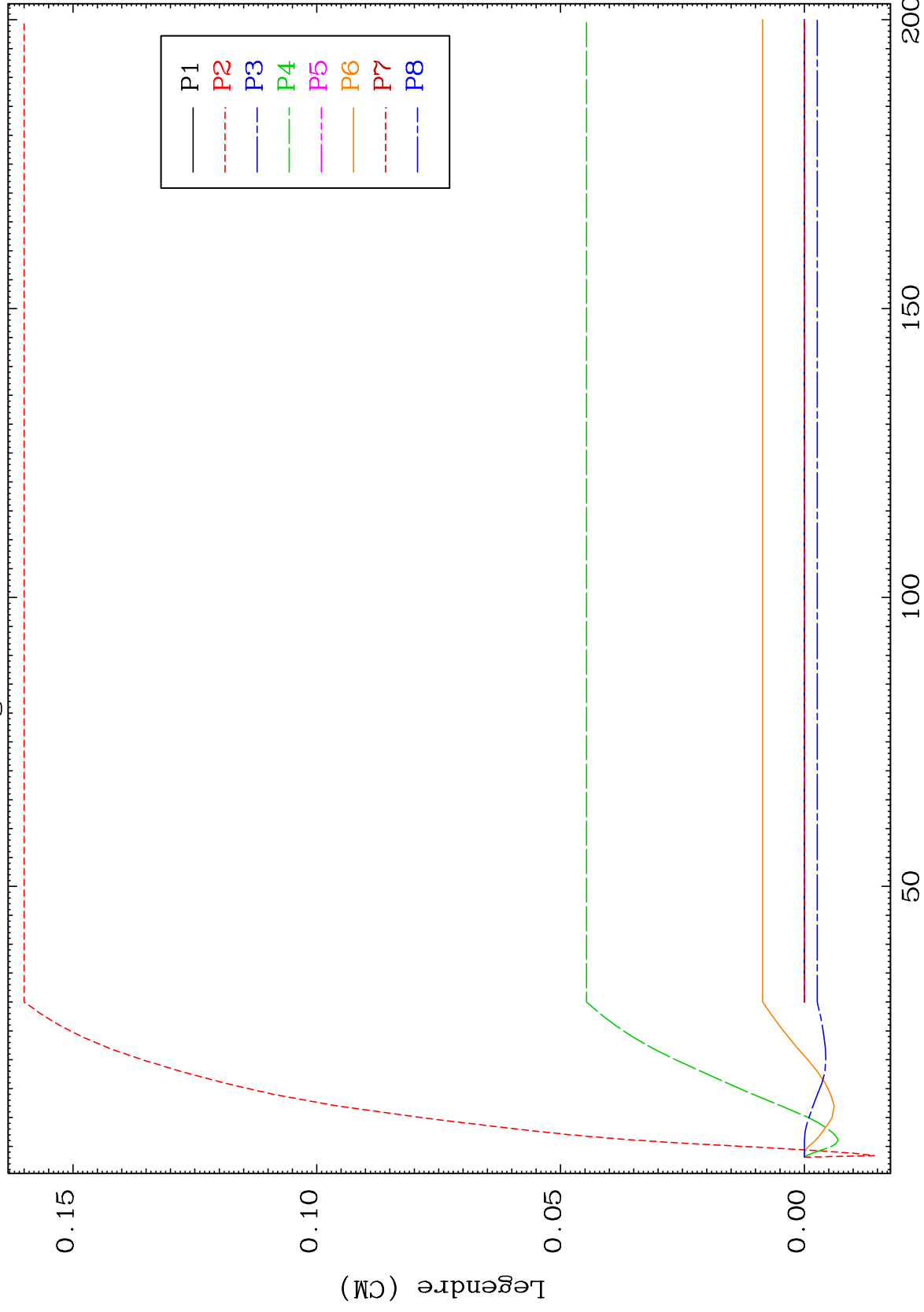




MAT 3813

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

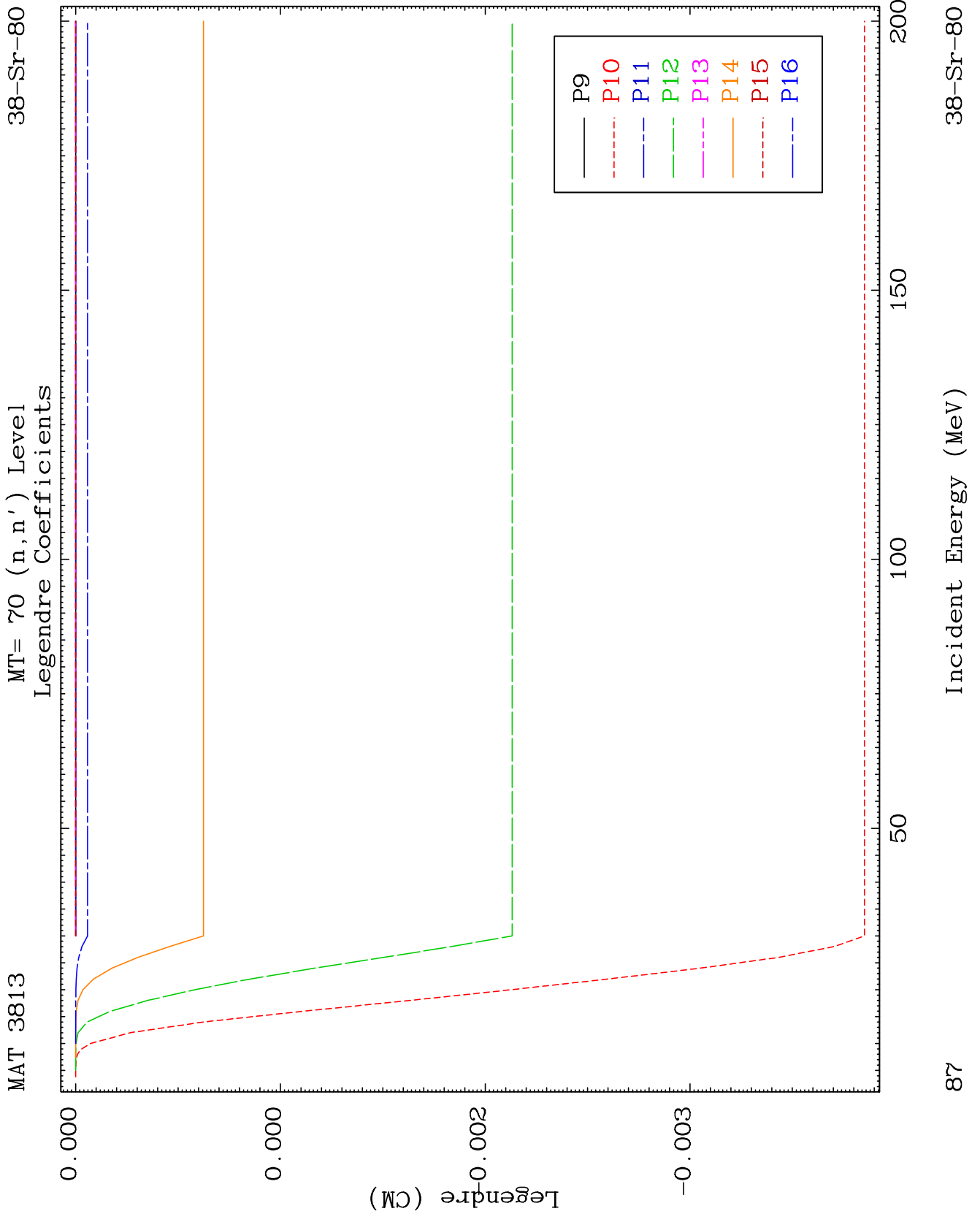
38-Sr-80



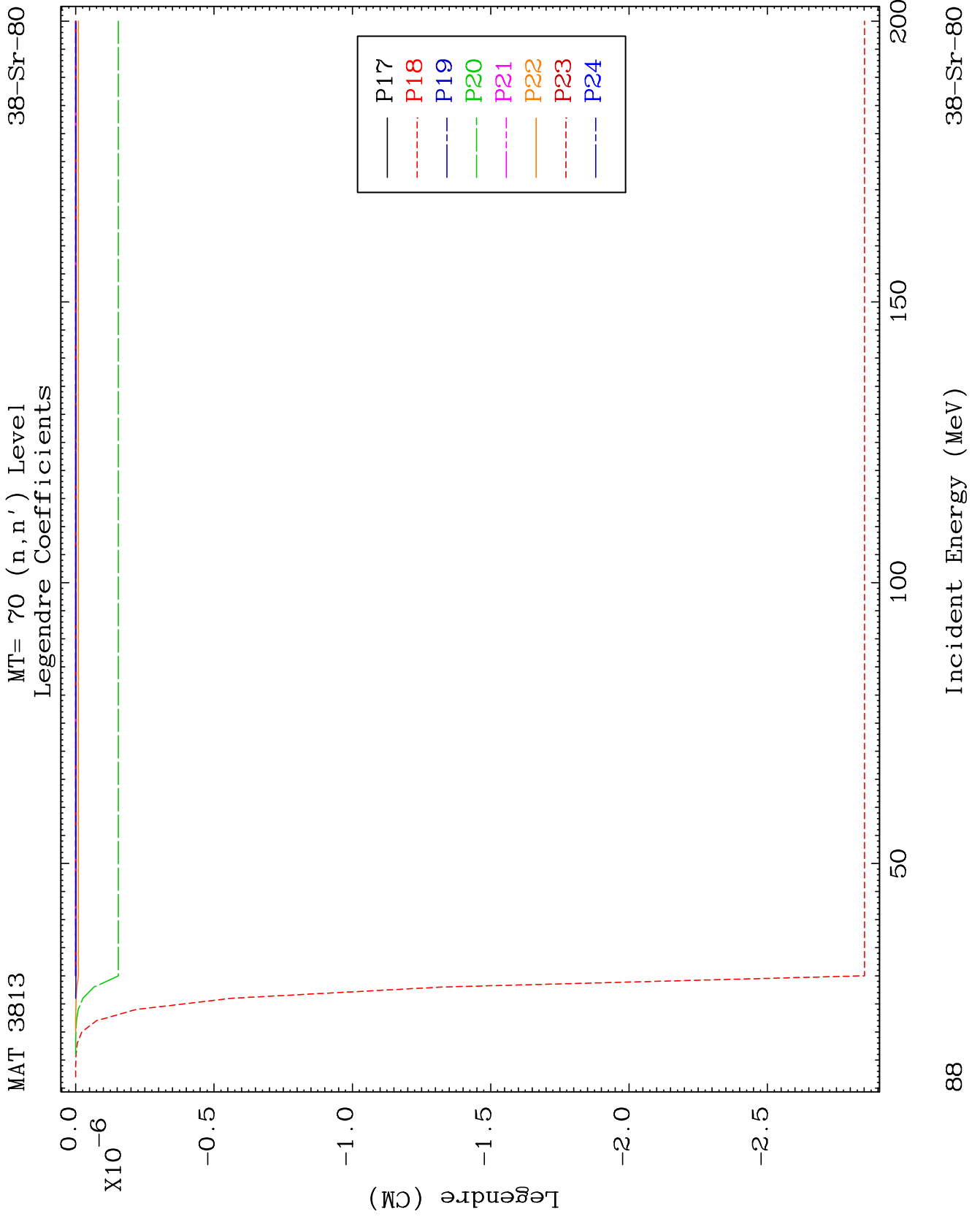
86

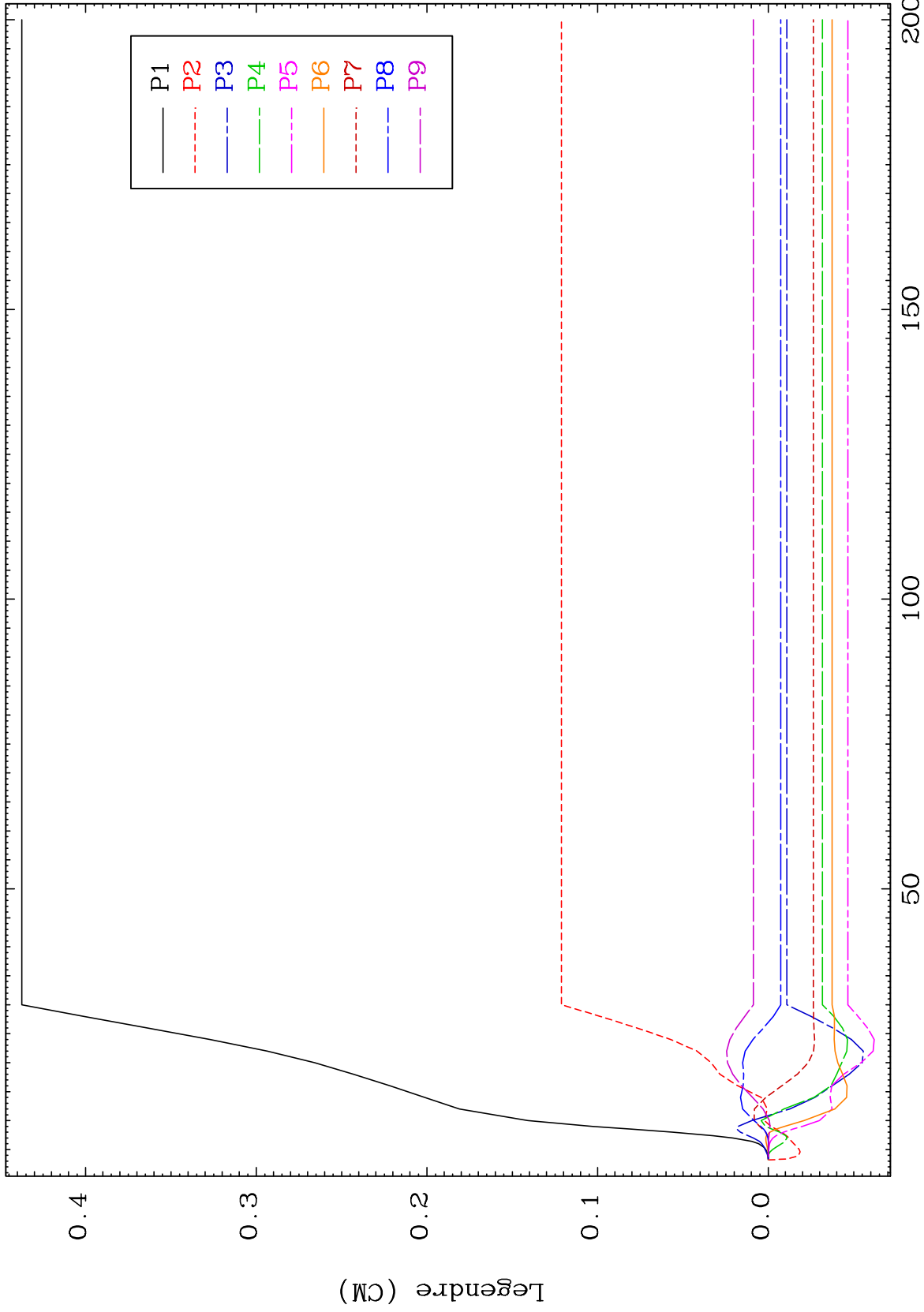
Incident Energy (MeV)

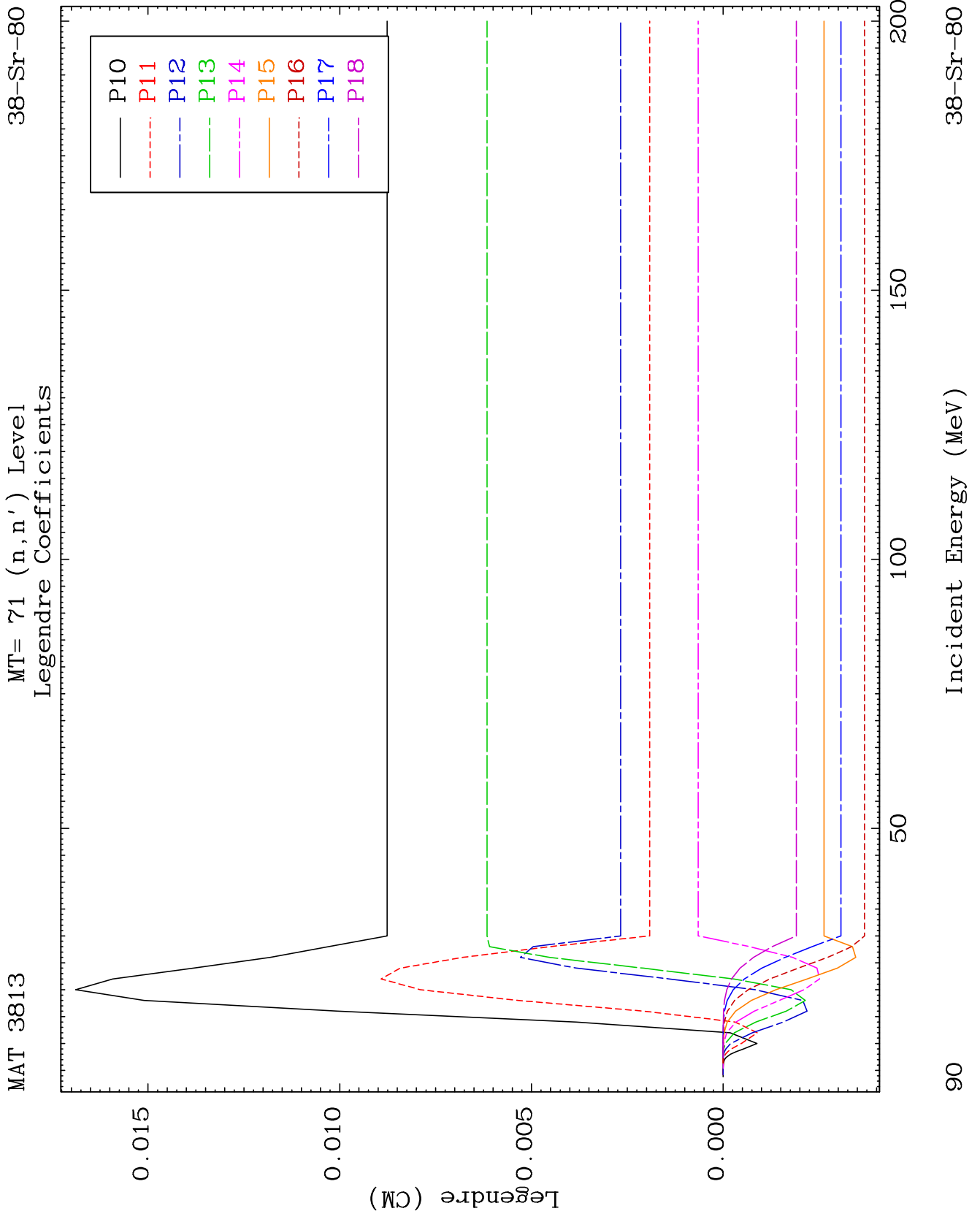
38-Sr-80

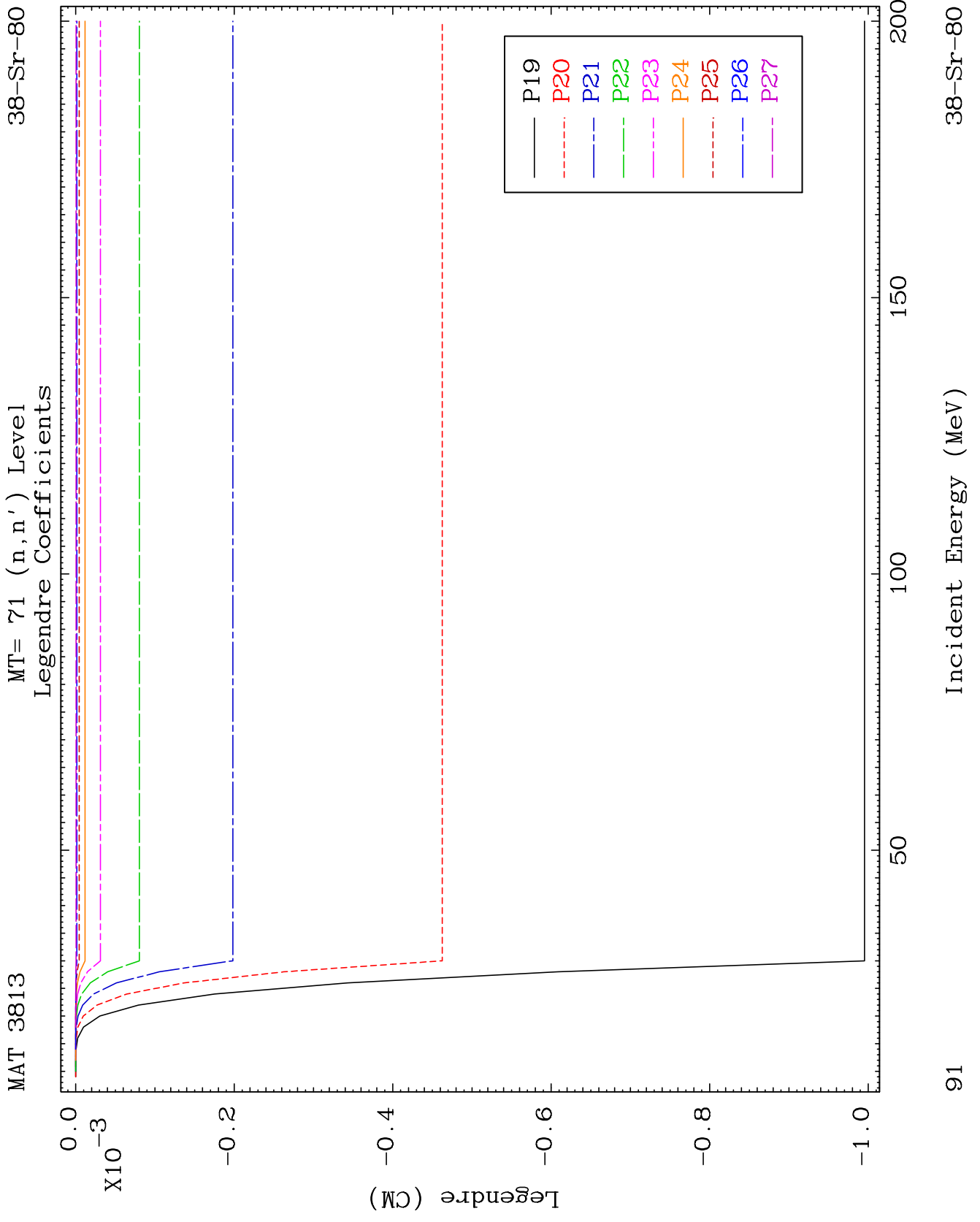


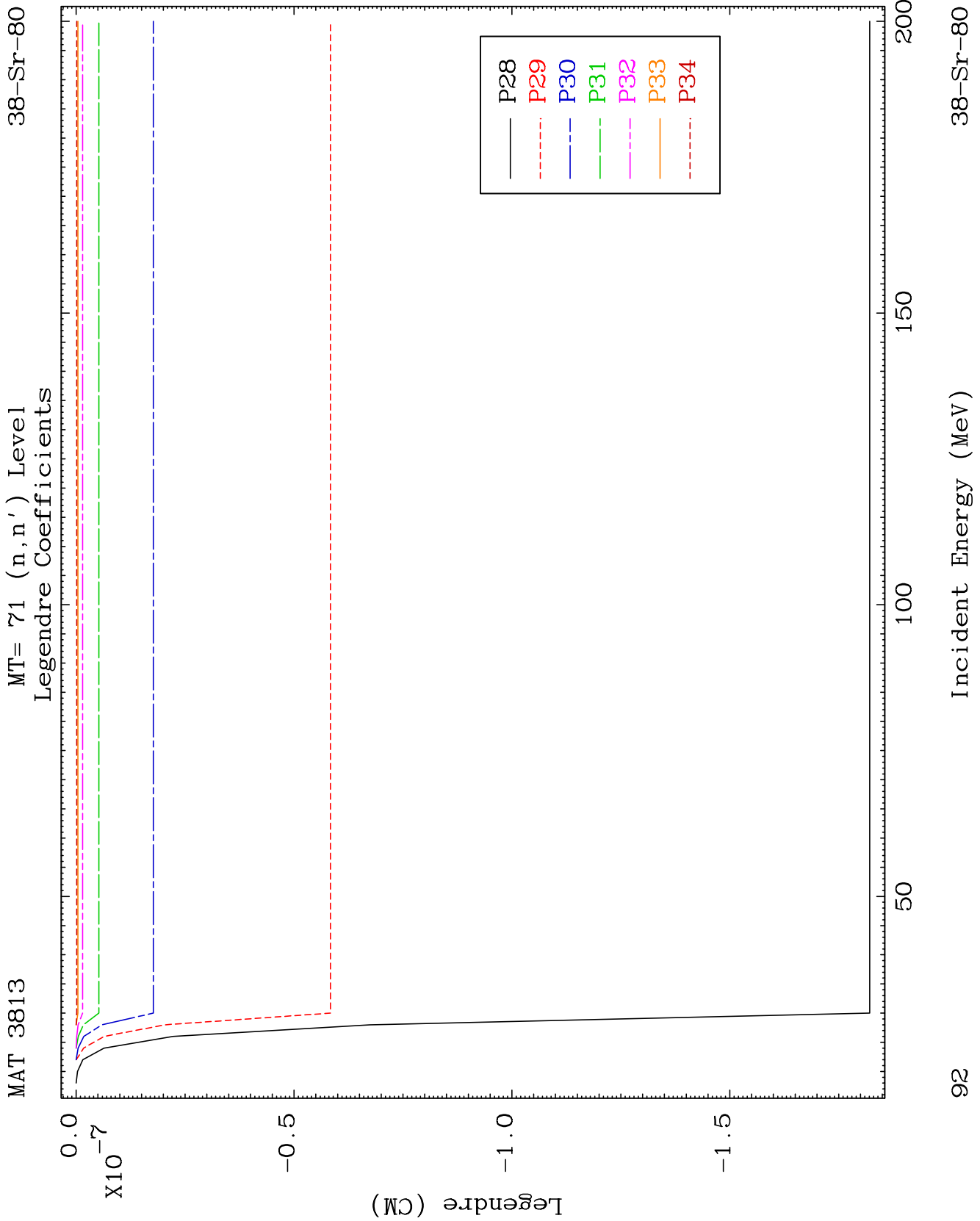








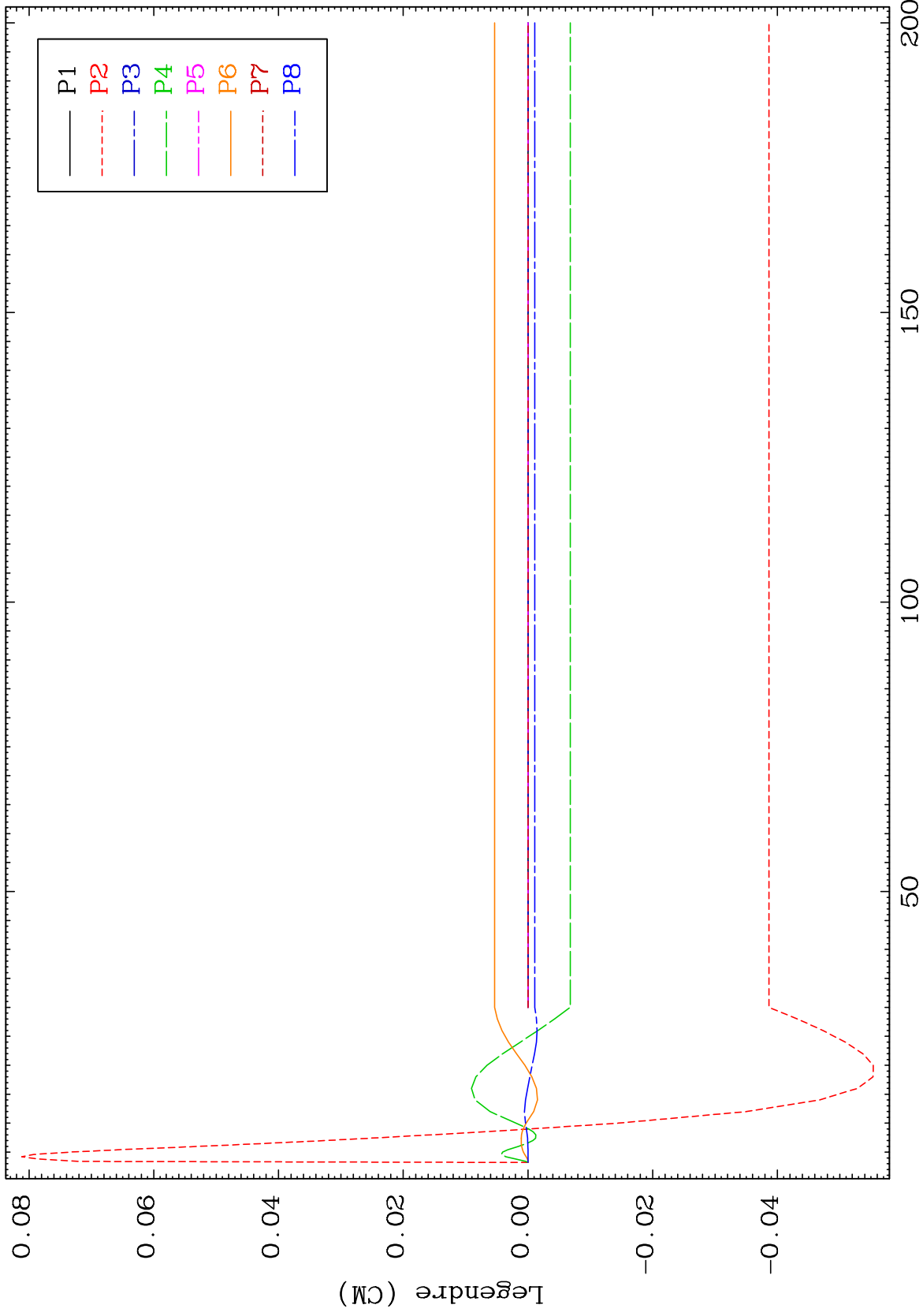




MAT 3813

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

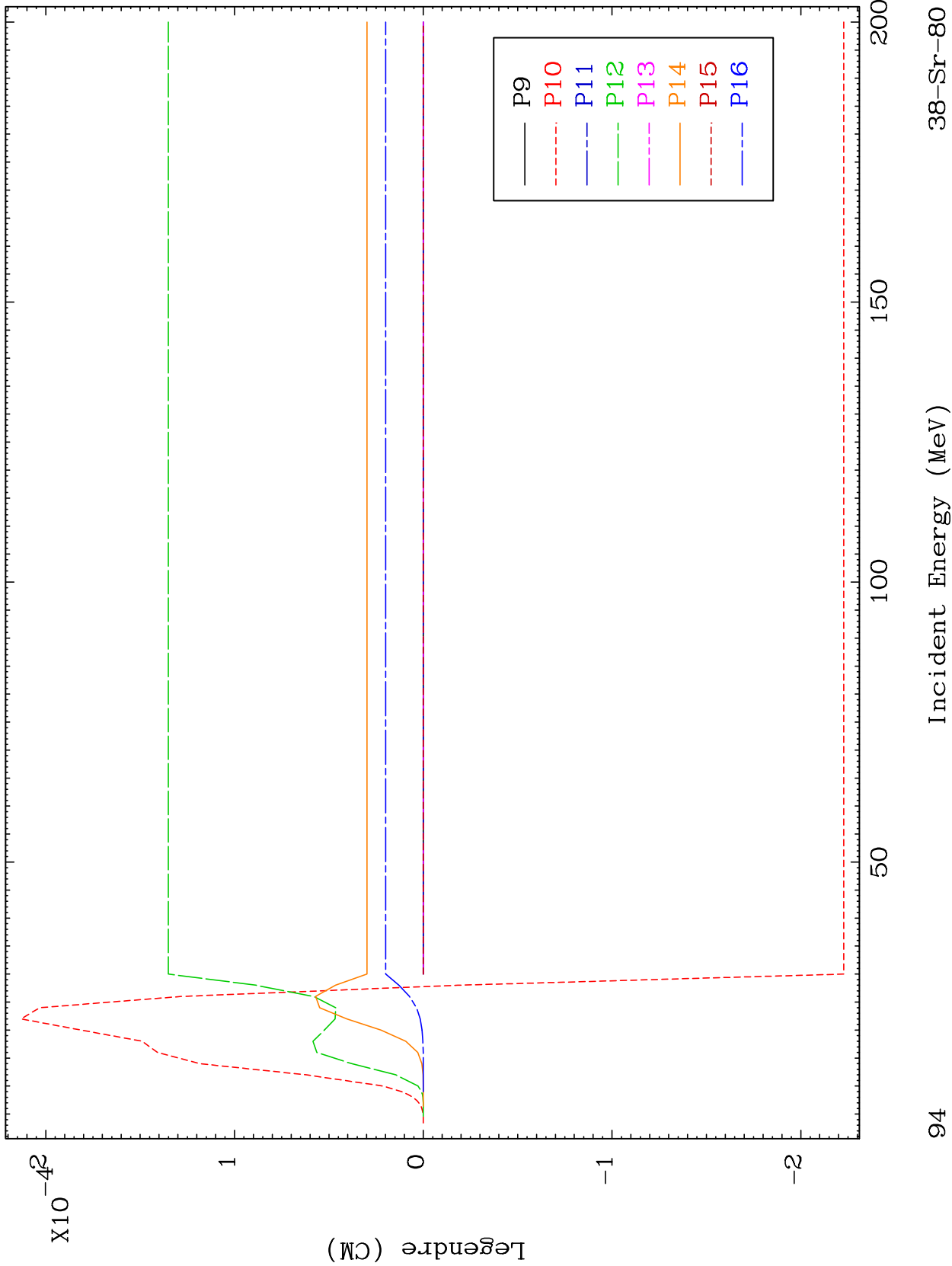
38-Sr-80



MAT 3813

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

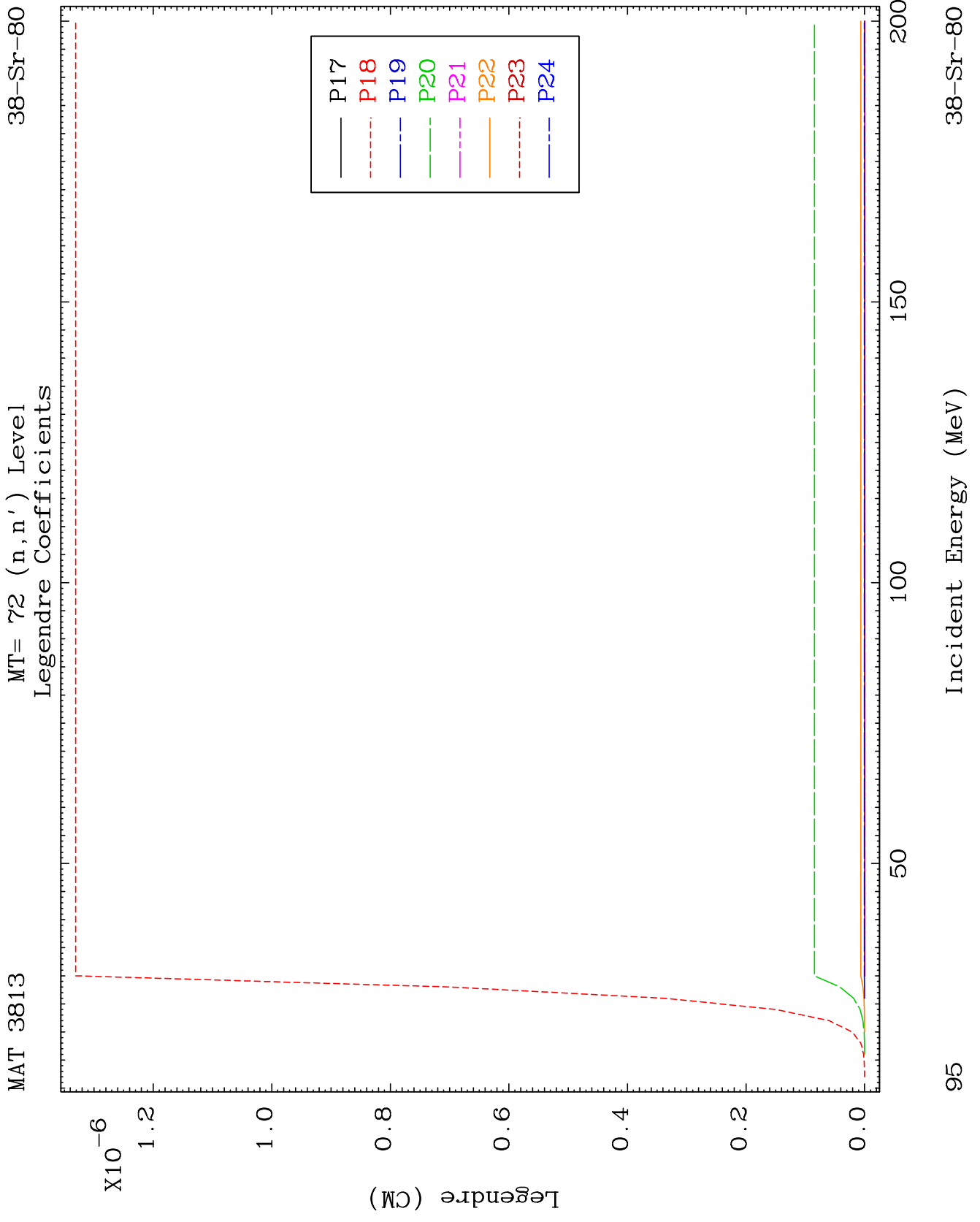
38-Sr-80



94

Incident Energy (MeV)

38-Sr-80

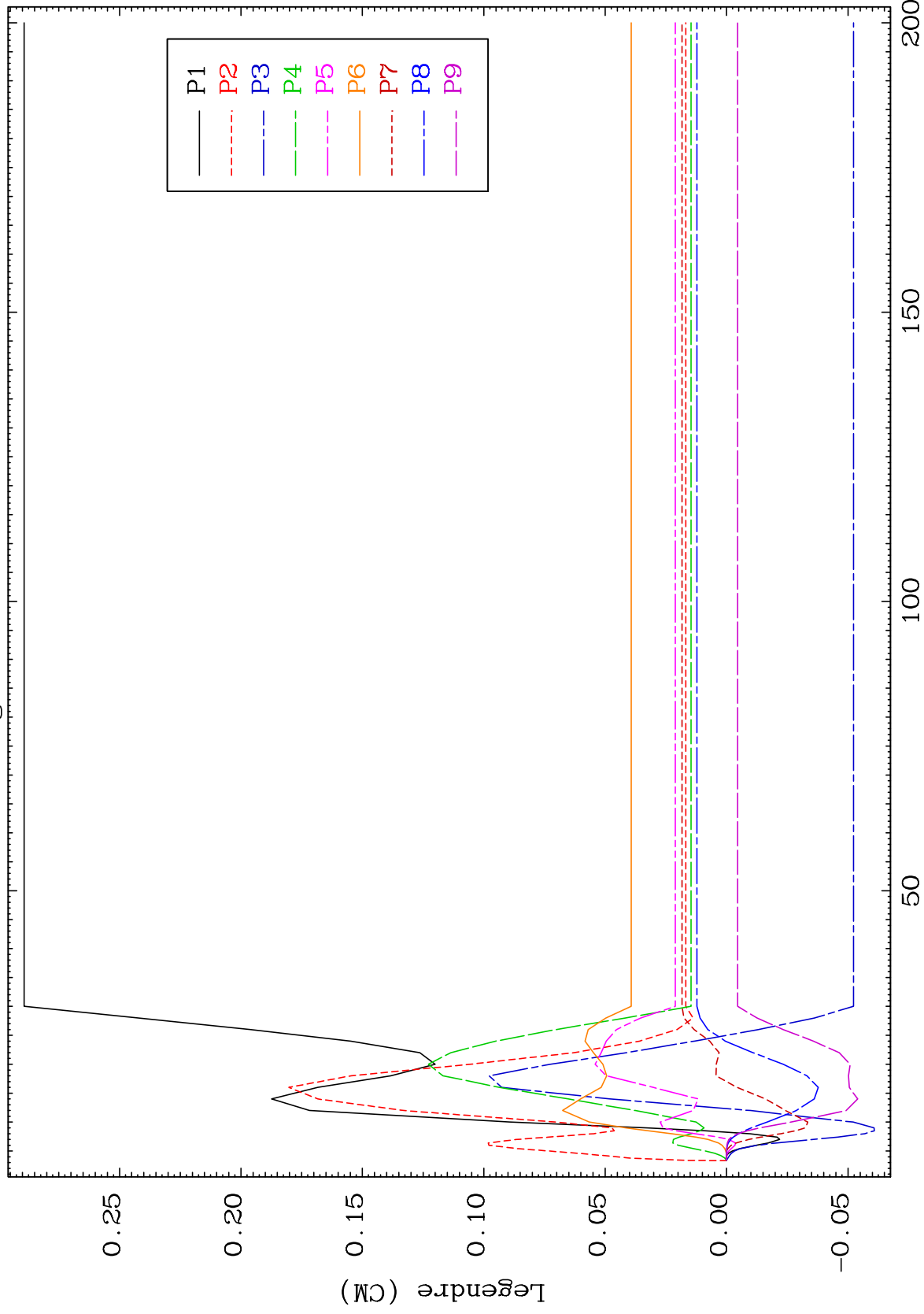




MAT 3813

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

38-Sr-80



96

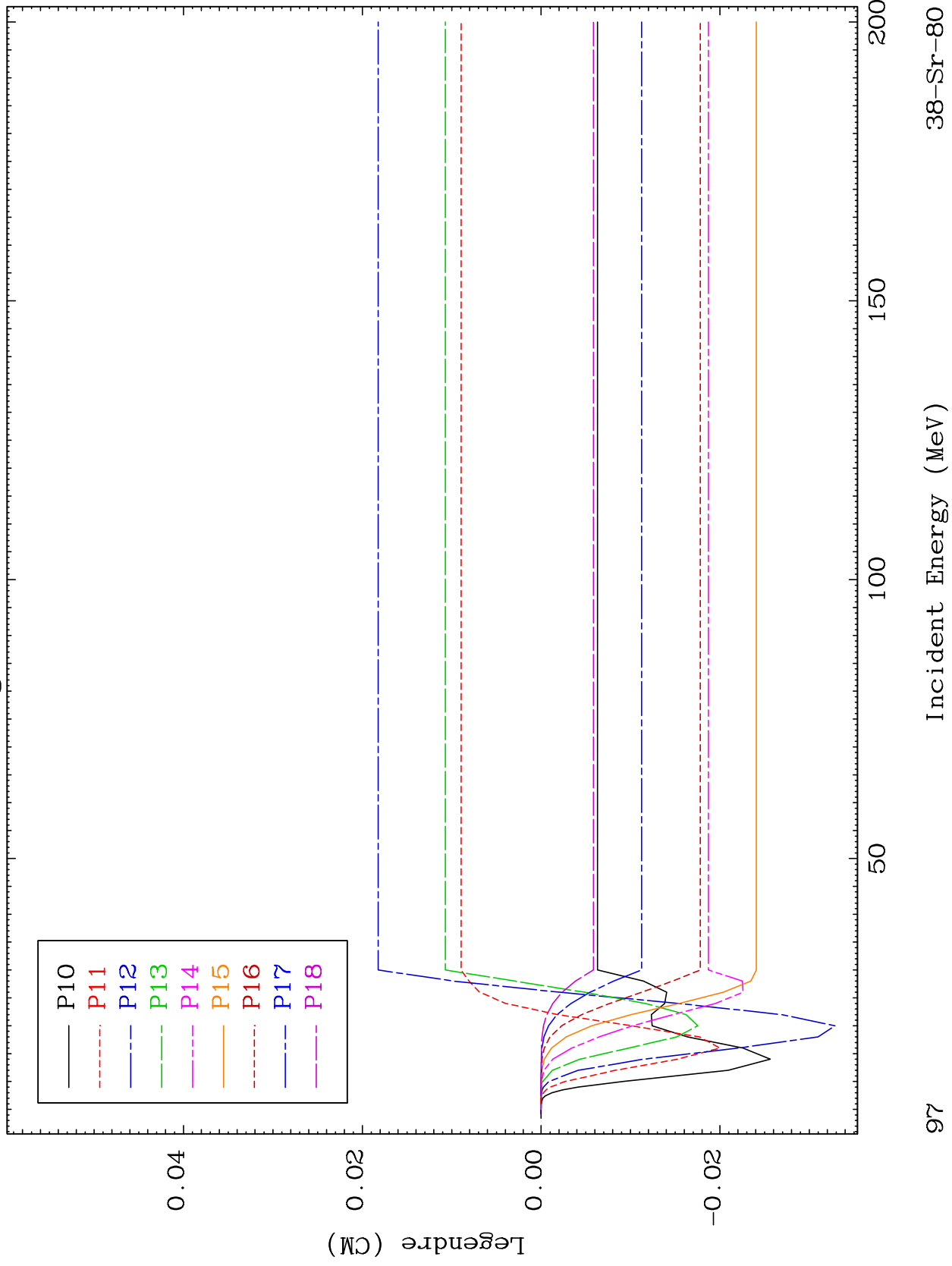
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80



97

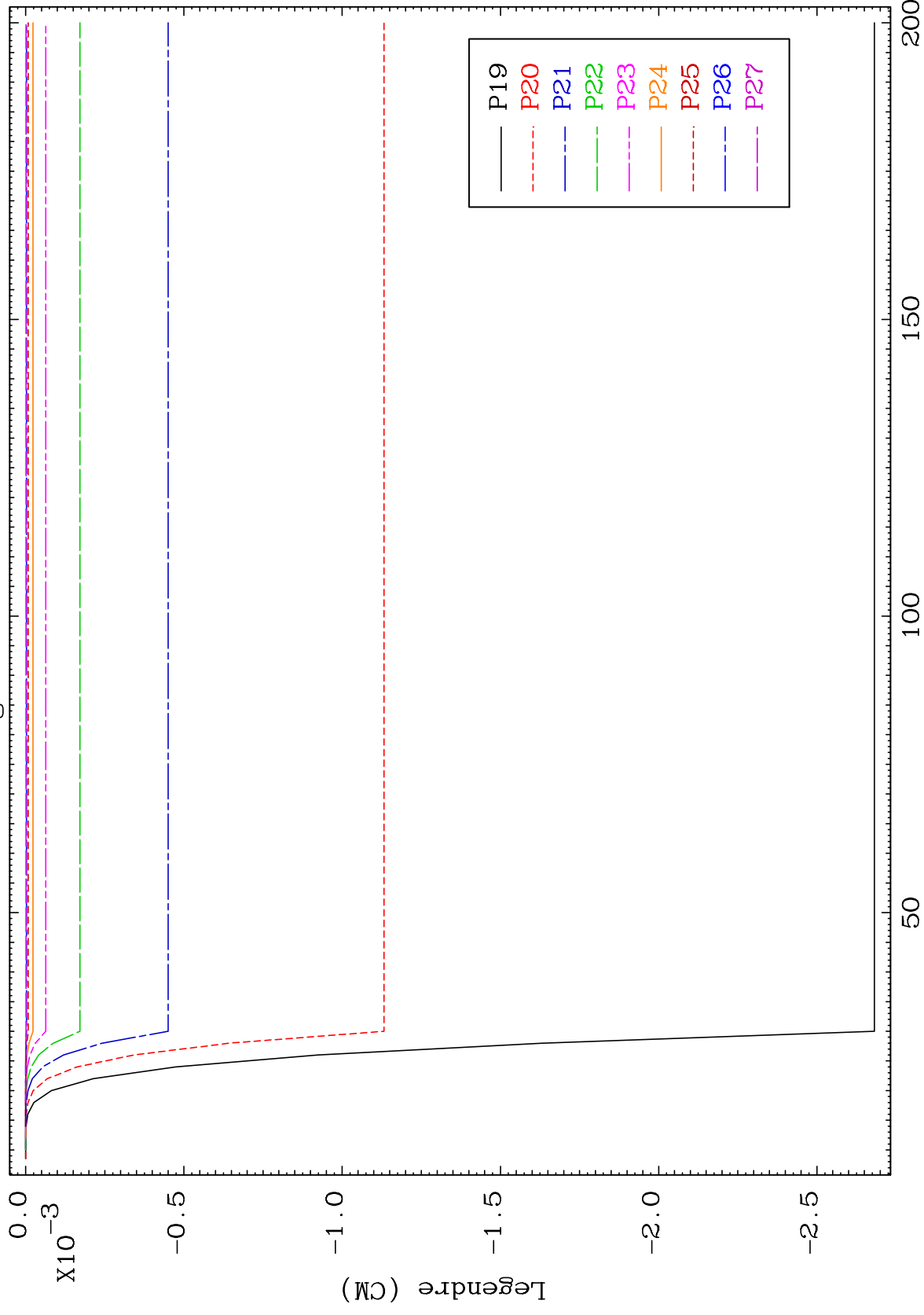
Incident Energy (MeV)

38-Sr-80

MAT 3813

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

38-Sr-80

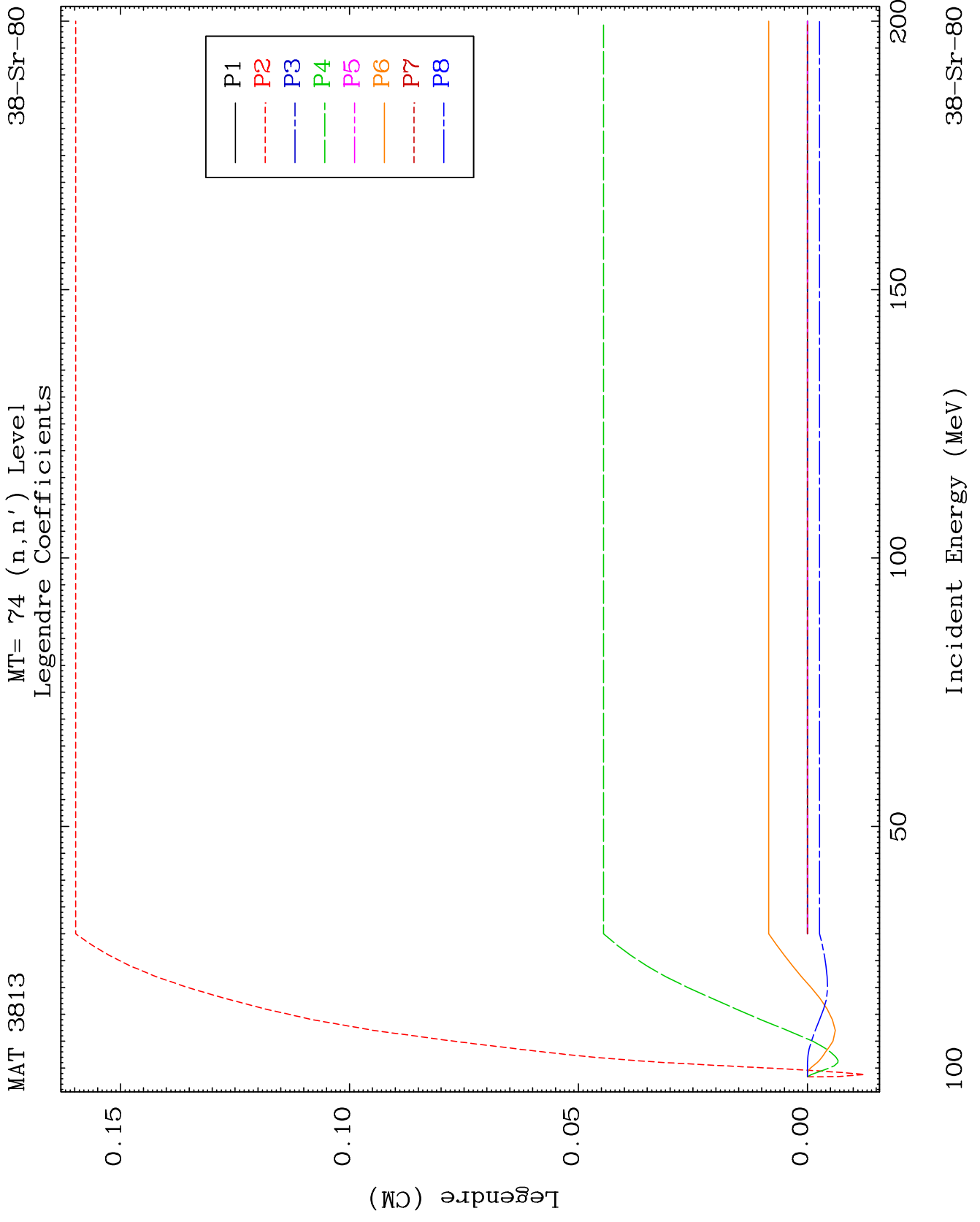


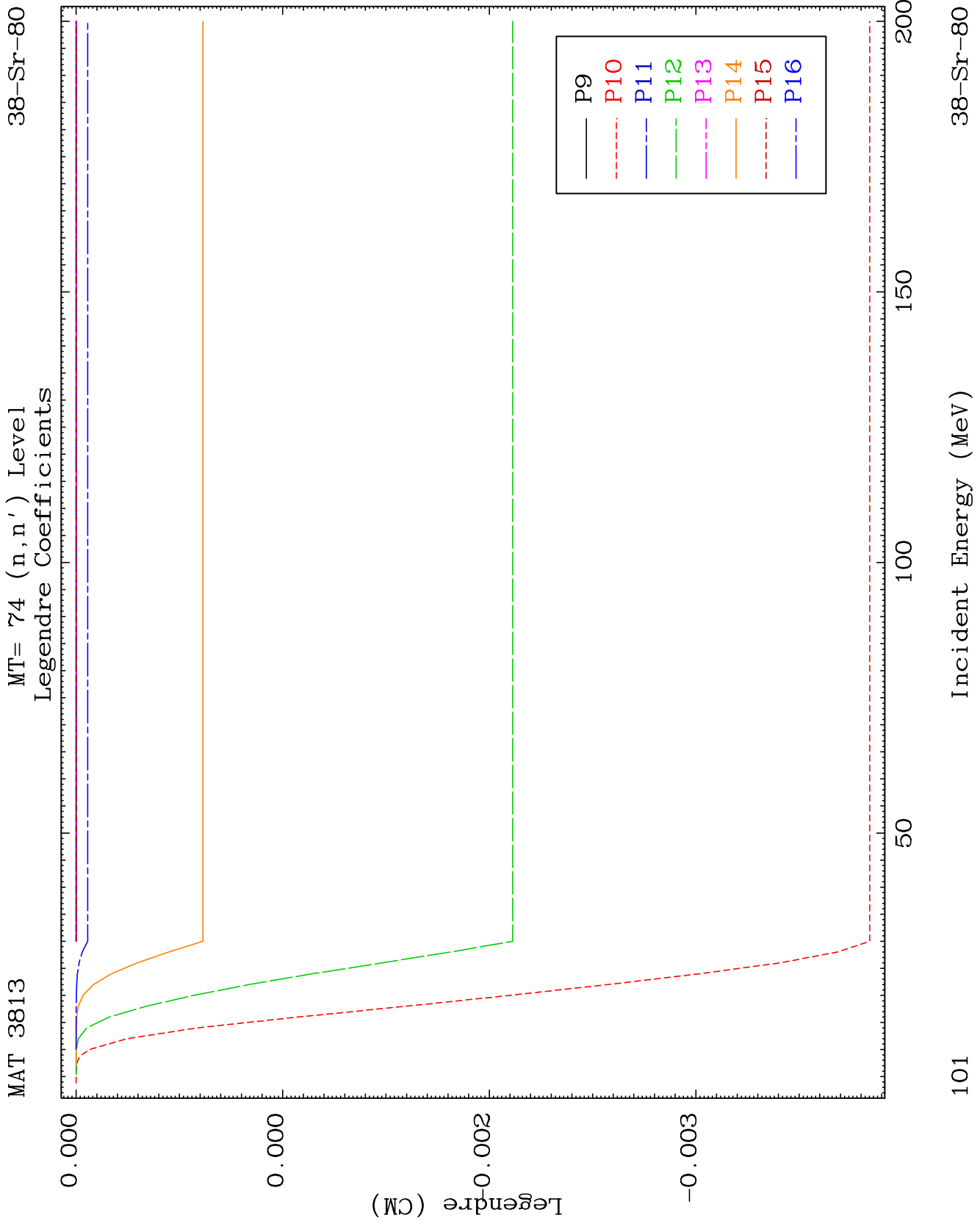
98

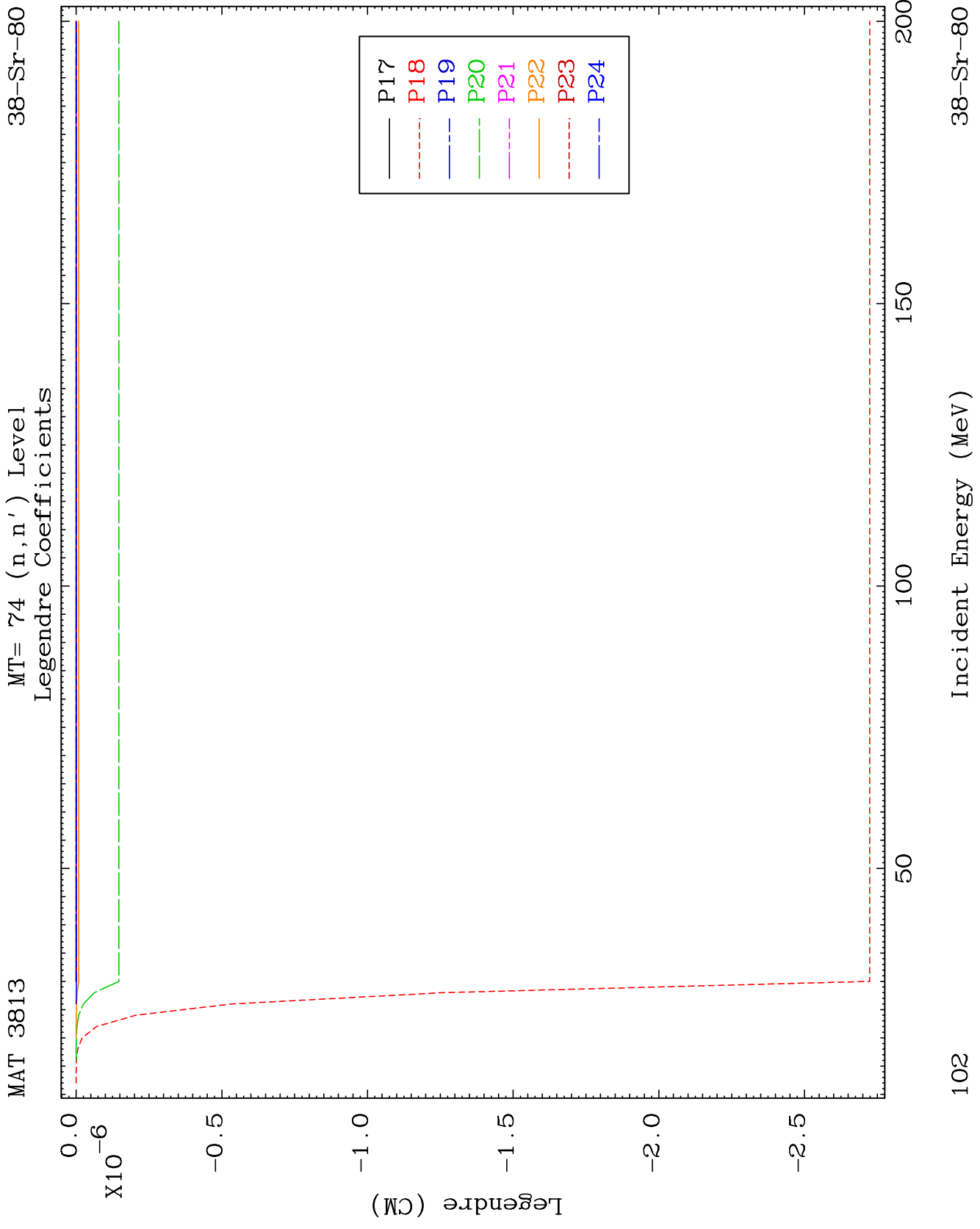
Incident Energy (MeV)

38-Sr-80



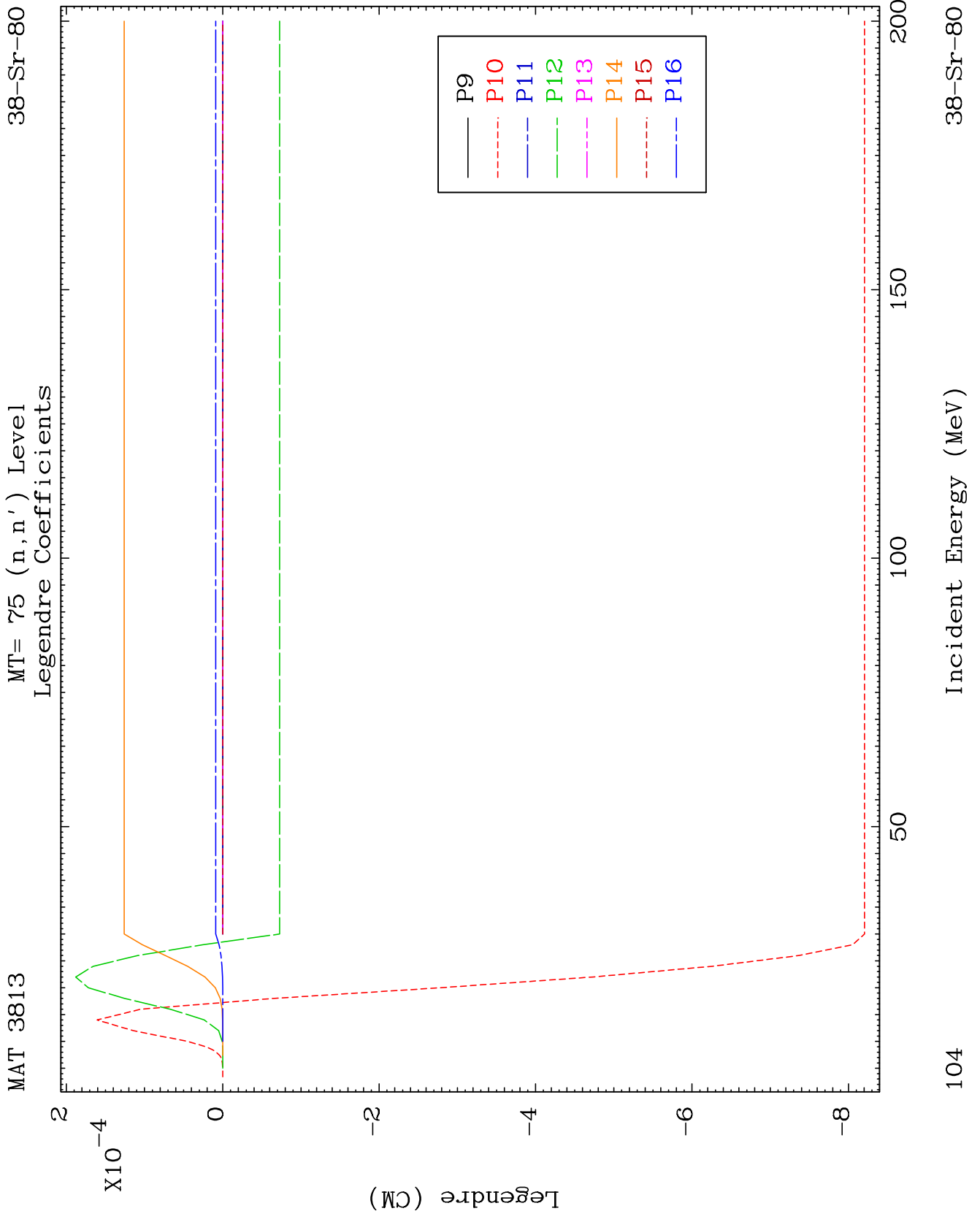




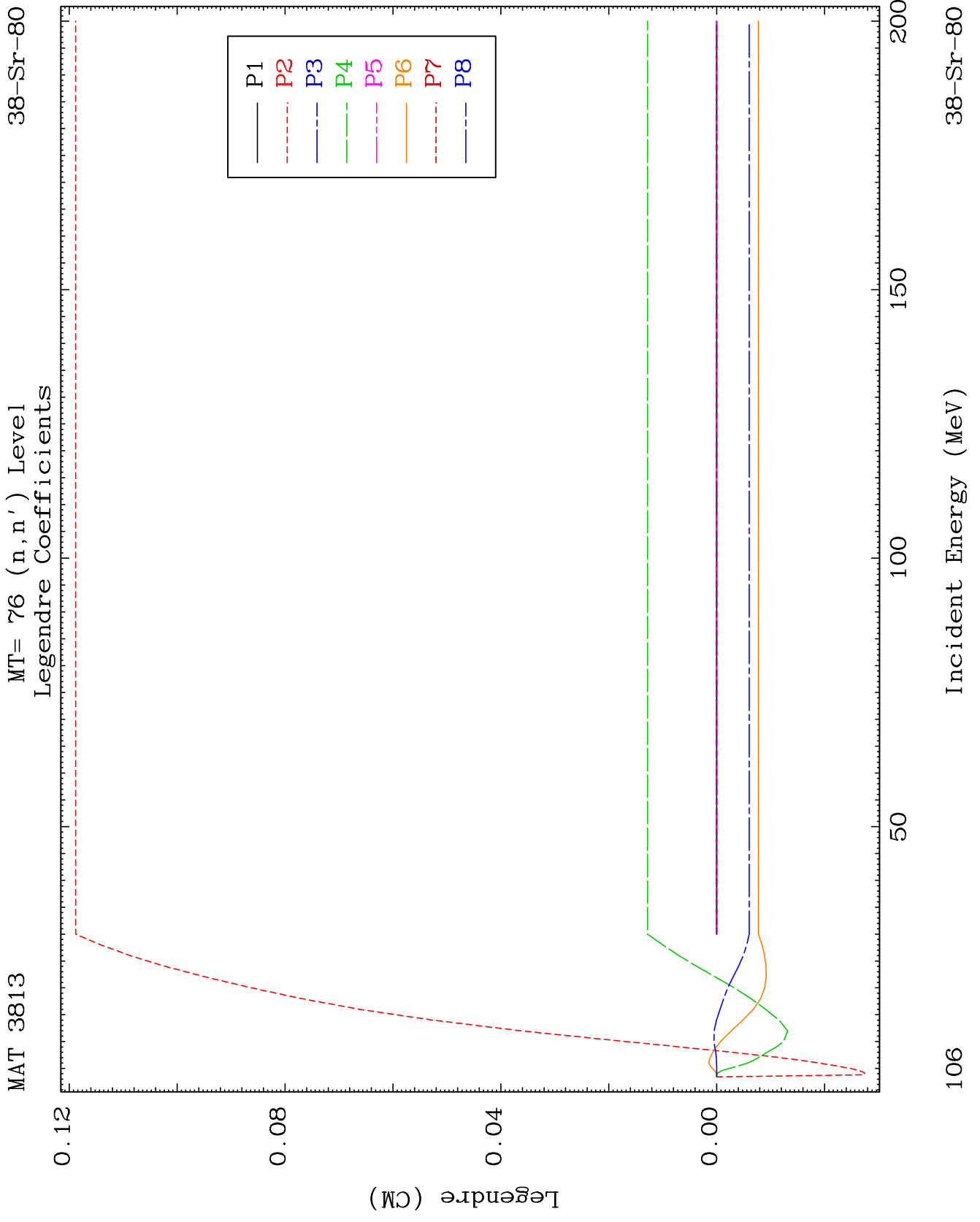








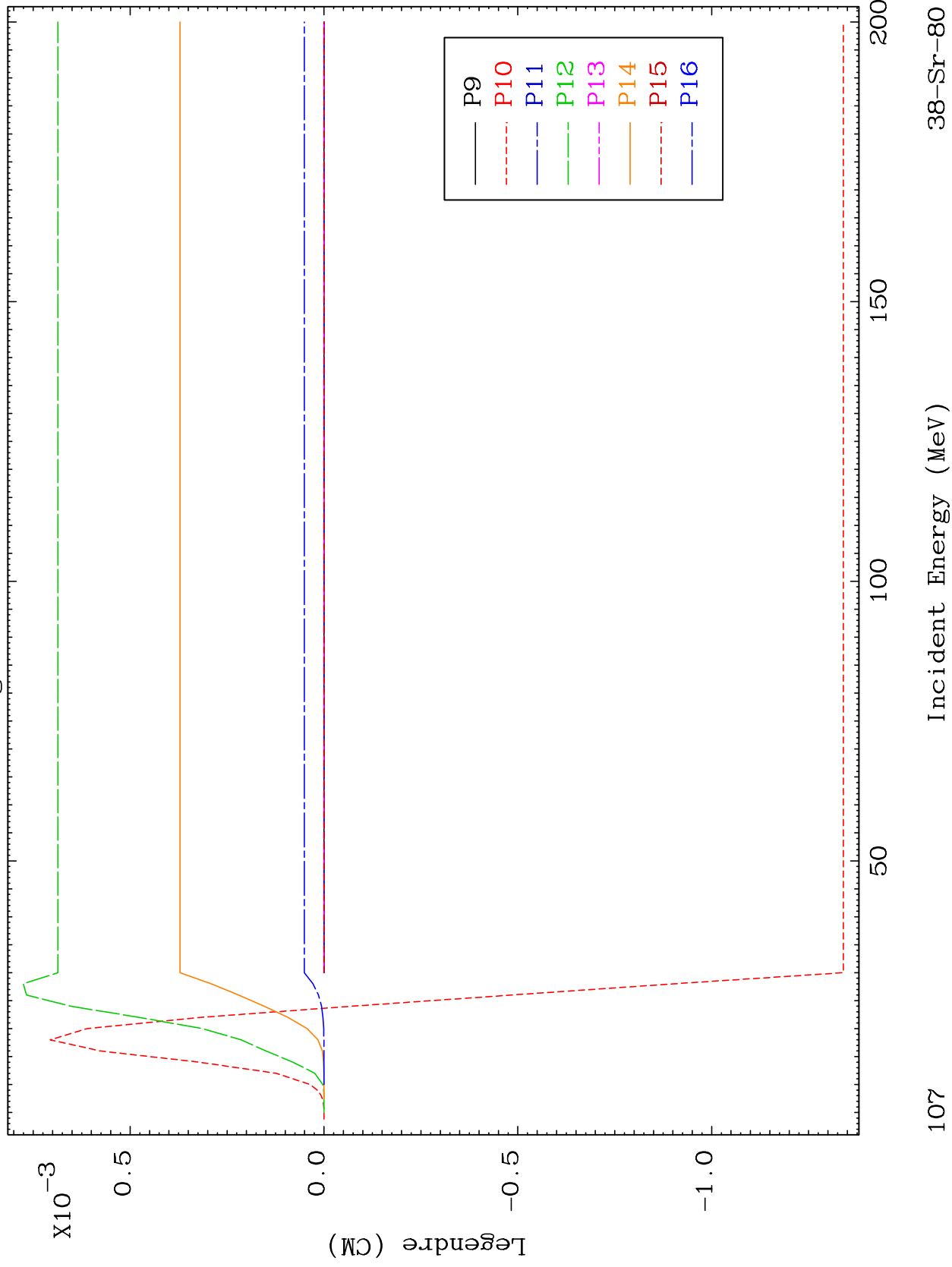




MAT 3813

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

38-Sr-80



107

Incident Energy (MeV)

38-Sr-80

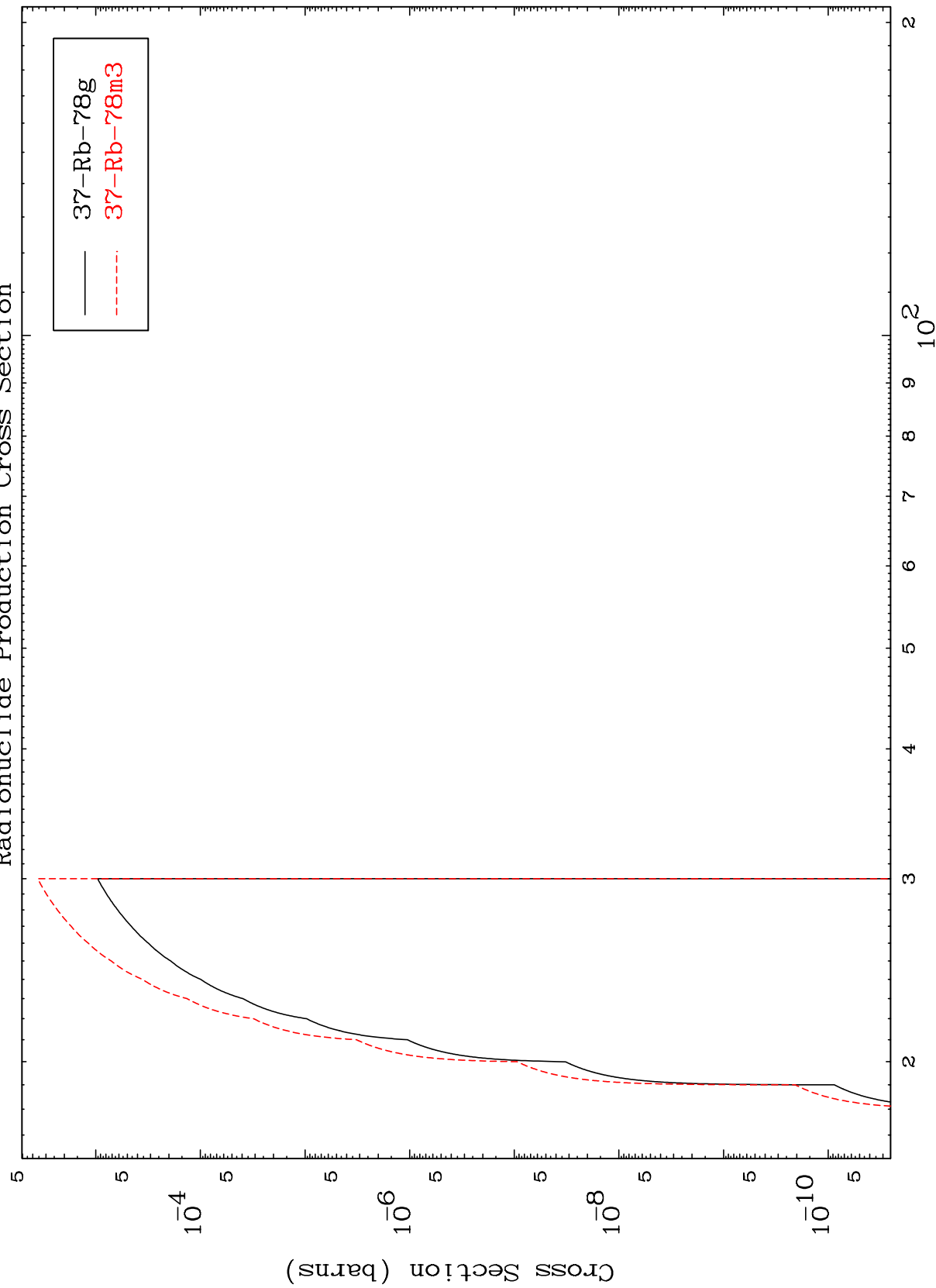


MAT 3813

(n,n') d

38-Sr-80

Radionuclide Production Cross Section



109

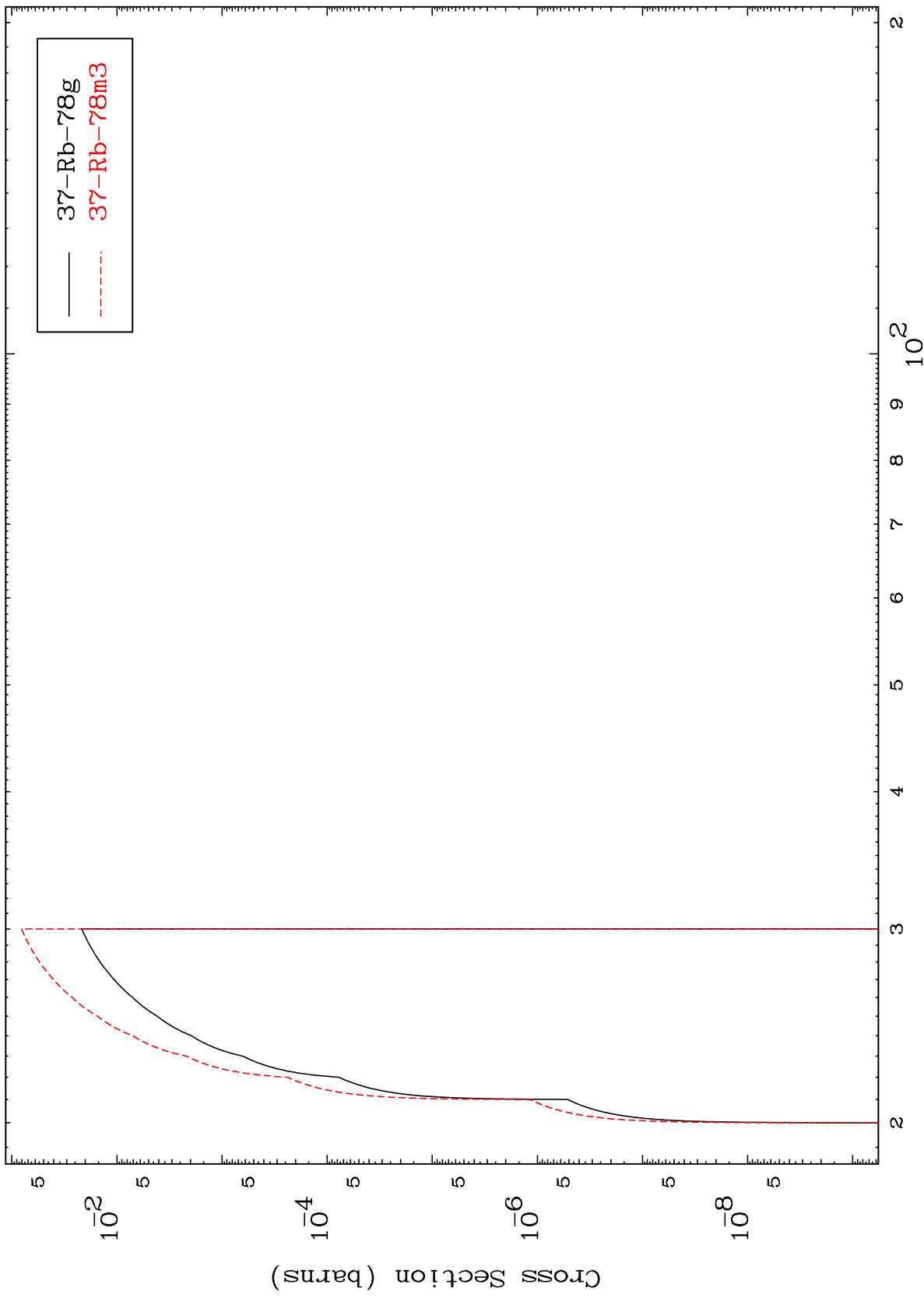
Incident Energy (MeV)

38-Sr-80

MAT 3813

38-Sr-80

(n,2n) p  
Radionuclide Production Cross Section



110

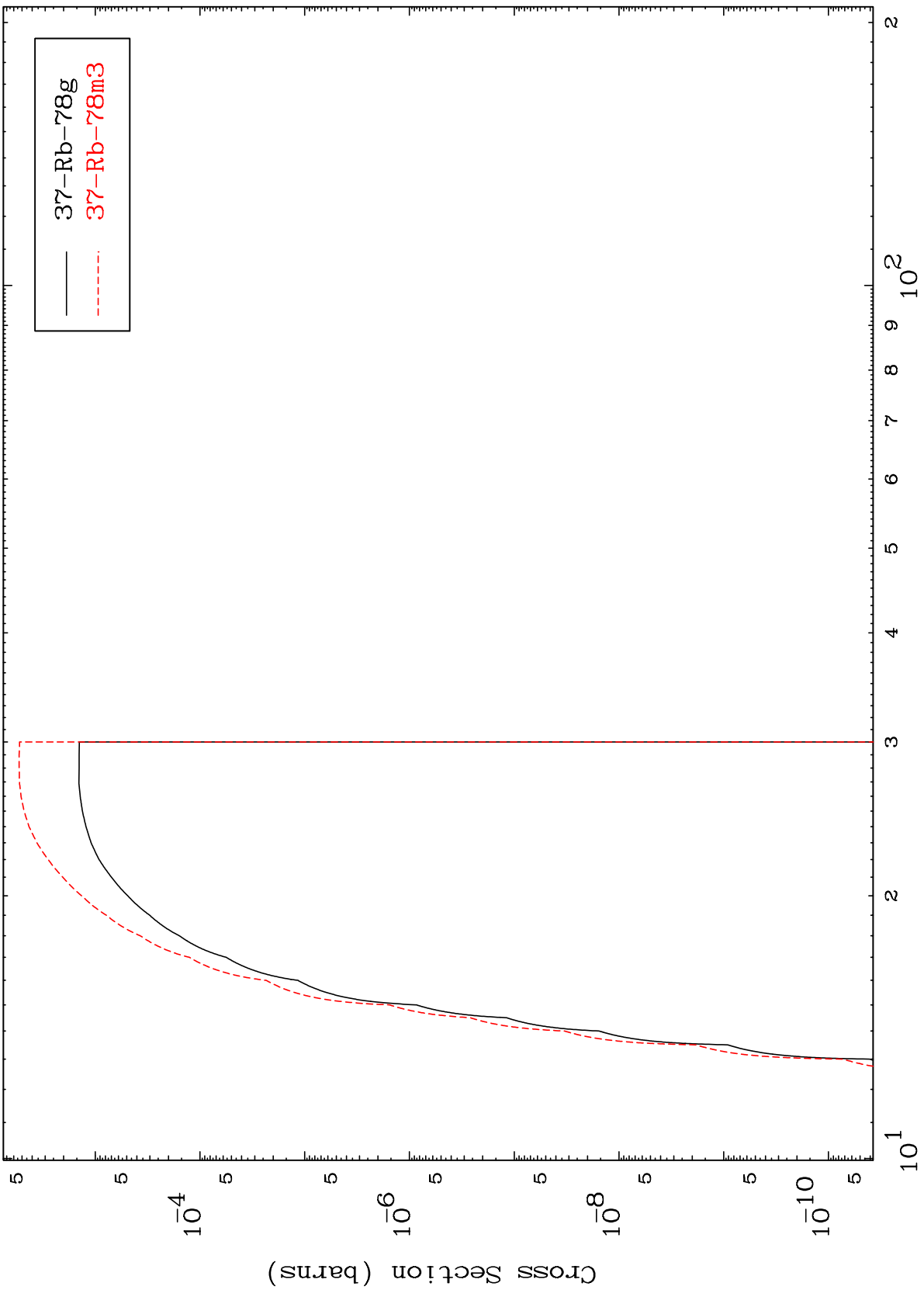
Incident Energy (MeV)

38-Sr-80

MAT 3813

38-Sr-80

(n,t)  
Radionuclide Production Cross Section



38-Sr-80

Incident Energy (MeV)

111

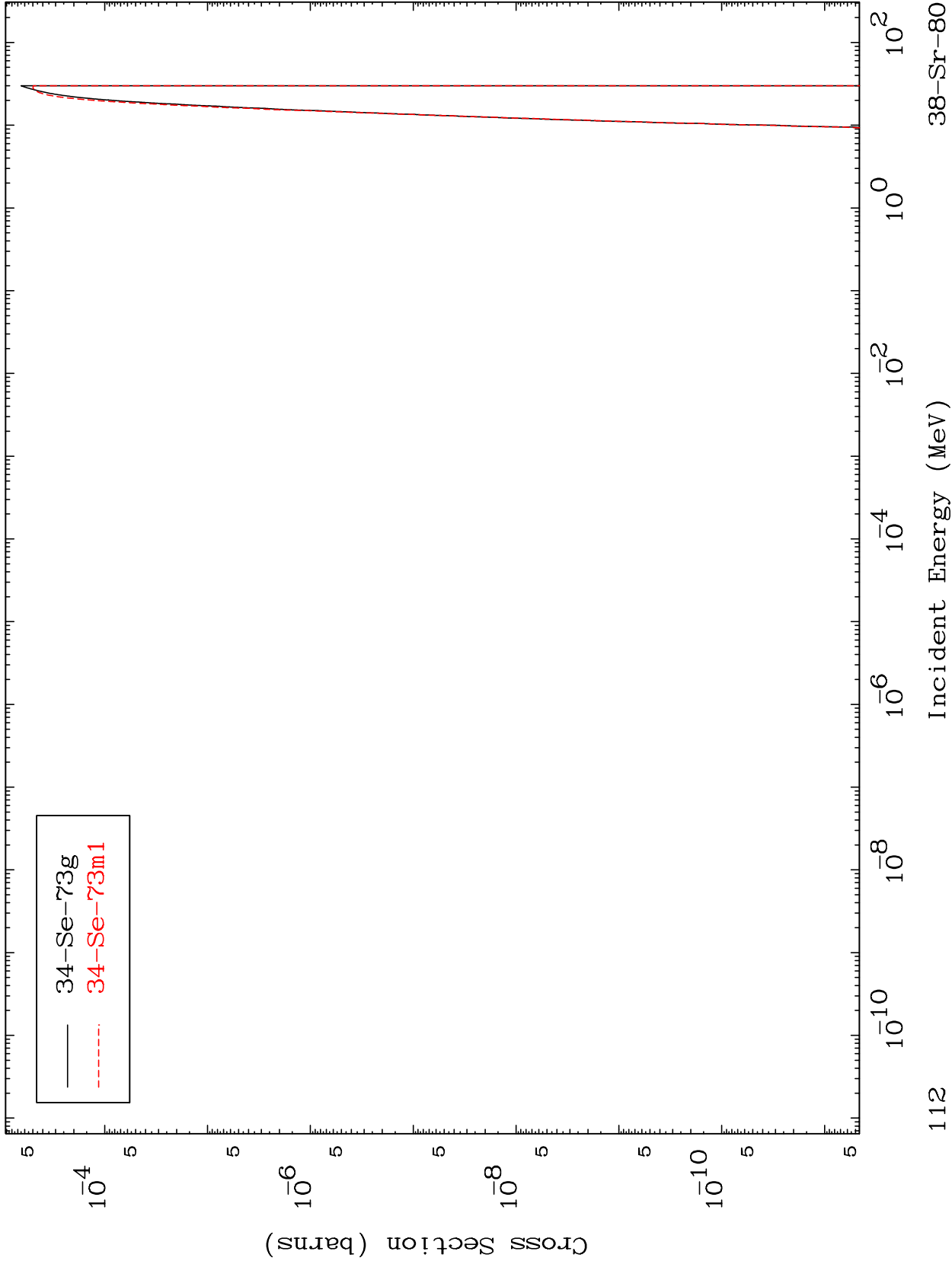


MAT 3813

(n,2α)

38-Sr-80

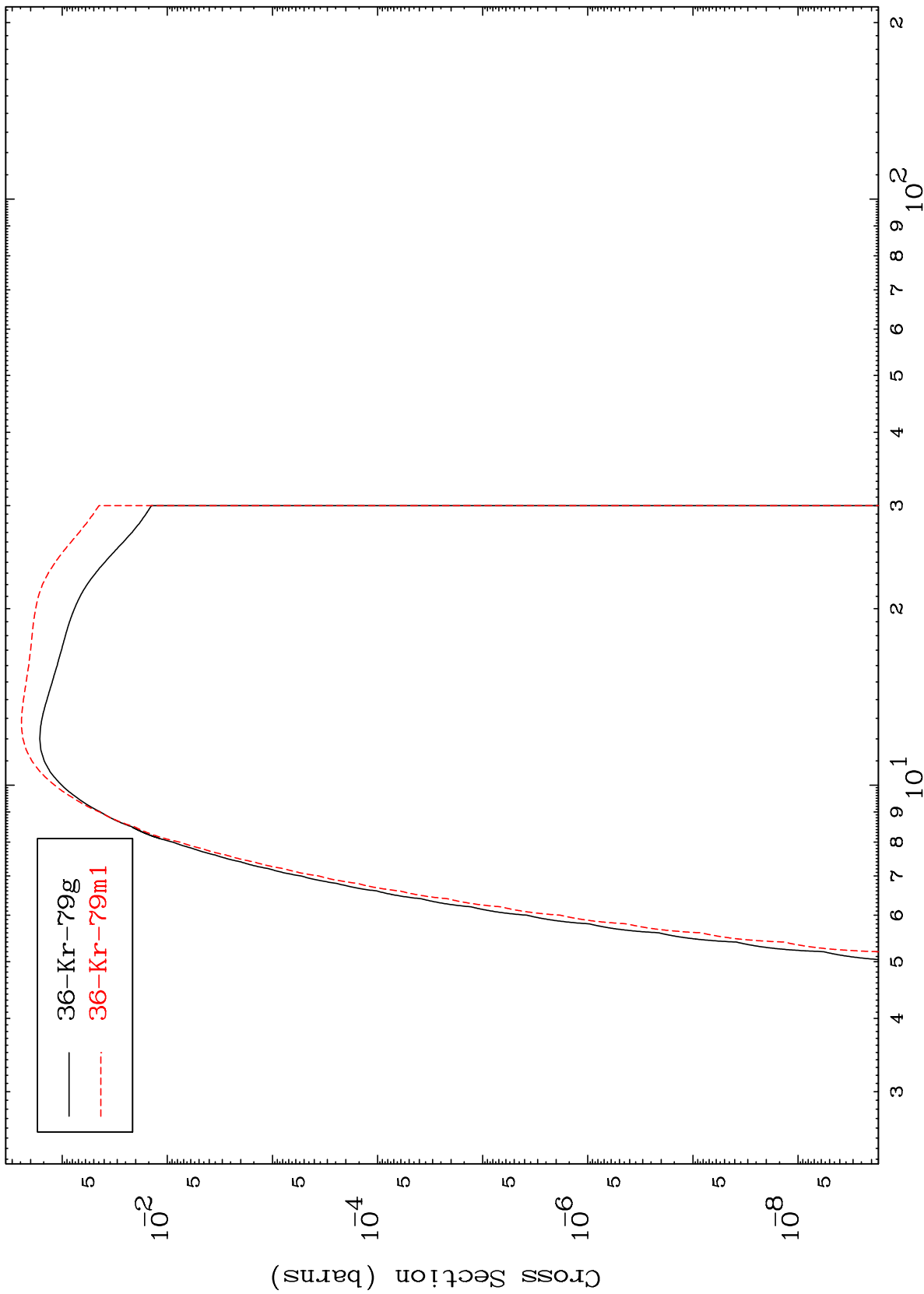
Radionuclide Production Cross Section



MAT 3813

38-Sr-80

Radionuclide Production Cross Section  
(n,2p)



113

Incident Energy (MeV)

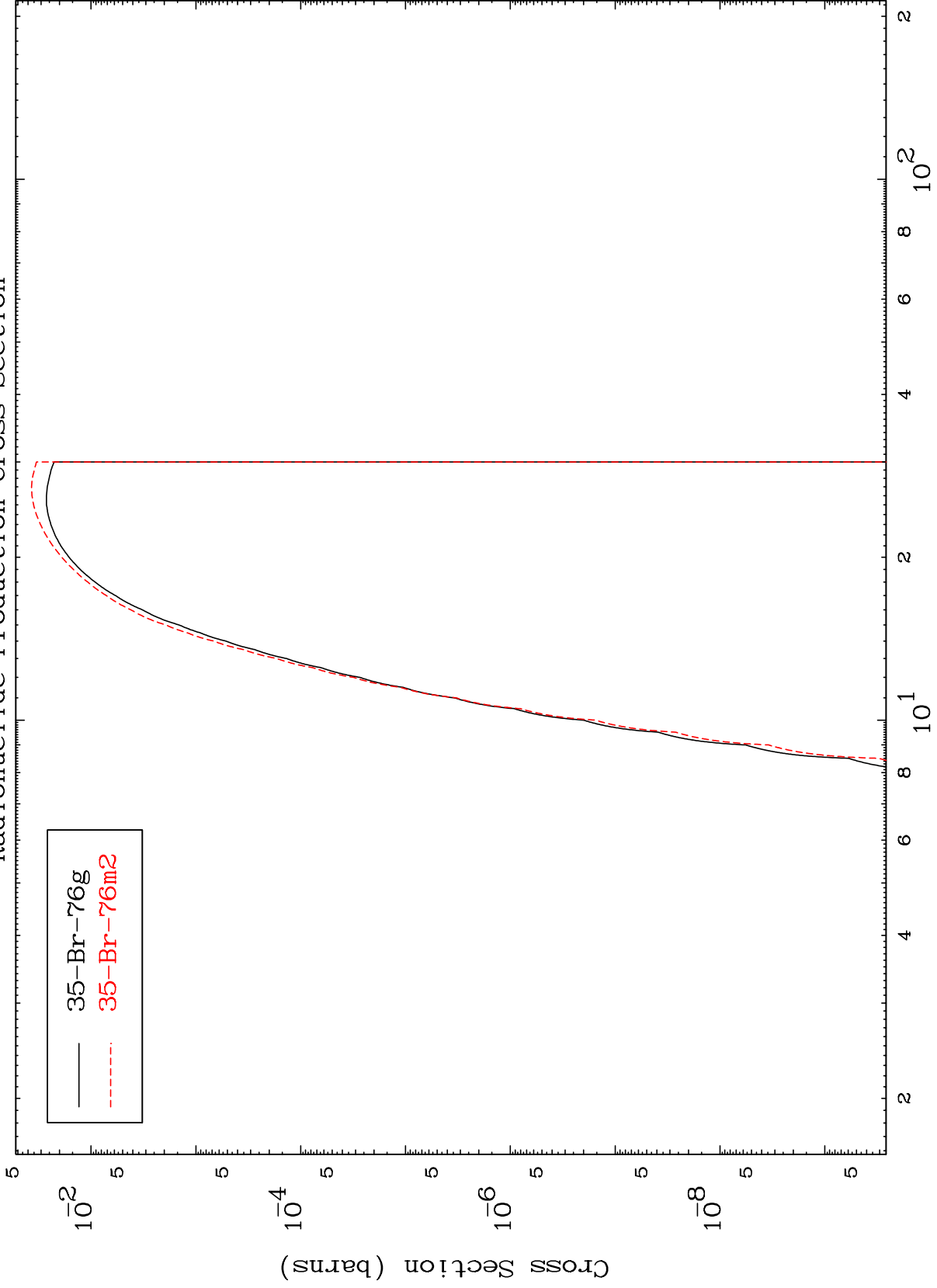
38-Sr-80

MAT 3813

(n,p)  $\alpha$

38-Sr-80

Radionuclide Production Cross Section



114

Incident Energy (MeV)

38-Sr-80