

Program EVALPLOT  
(Version 2017-1)

by

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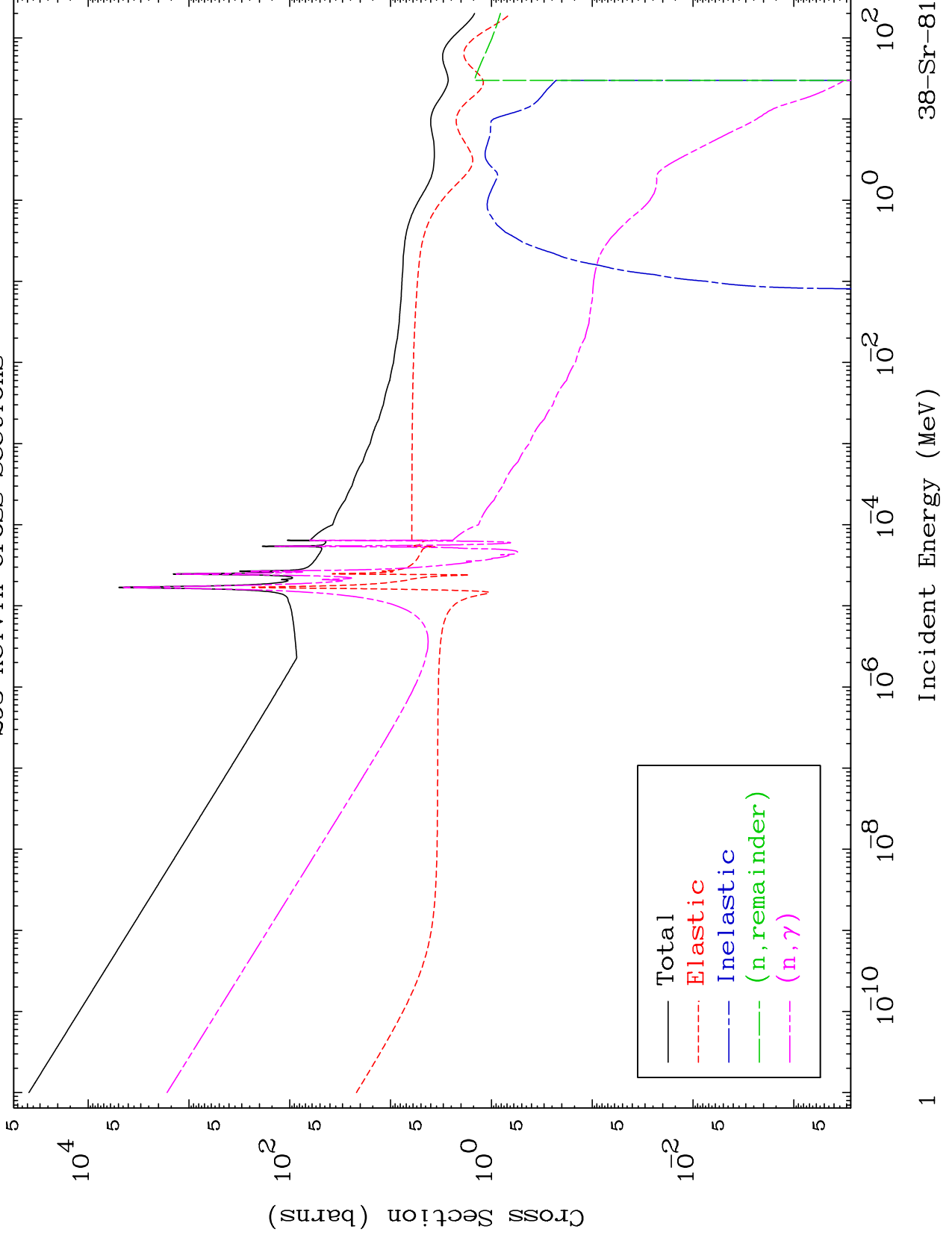
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Press Mouse Button to Start

MAT 3816

Major  
293 Kelvin Cross Sections

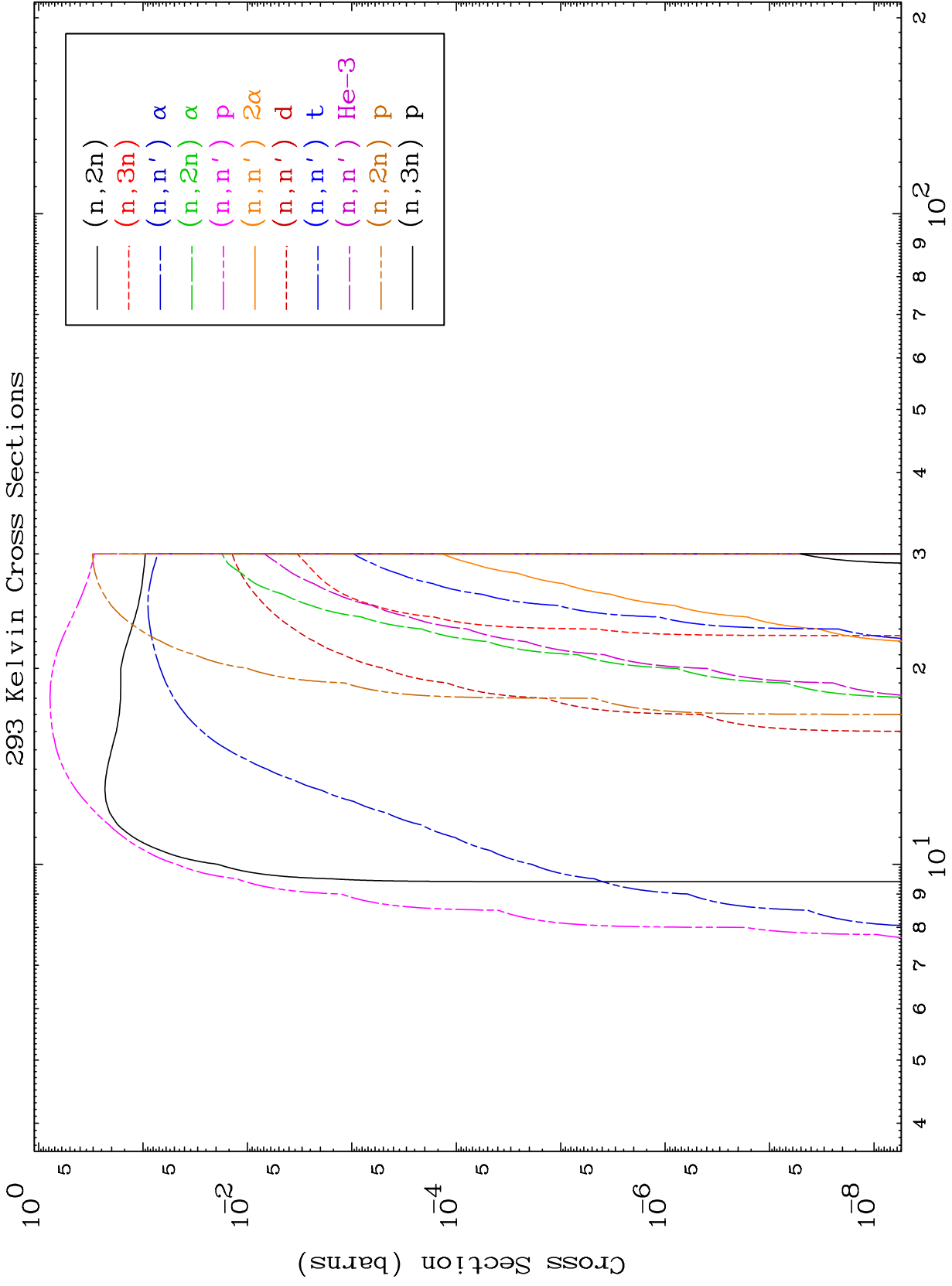
38-Sr-81



MAT 3816

Neutron Production  
293 Kelvin Cross Sections

38-Sr-81



2

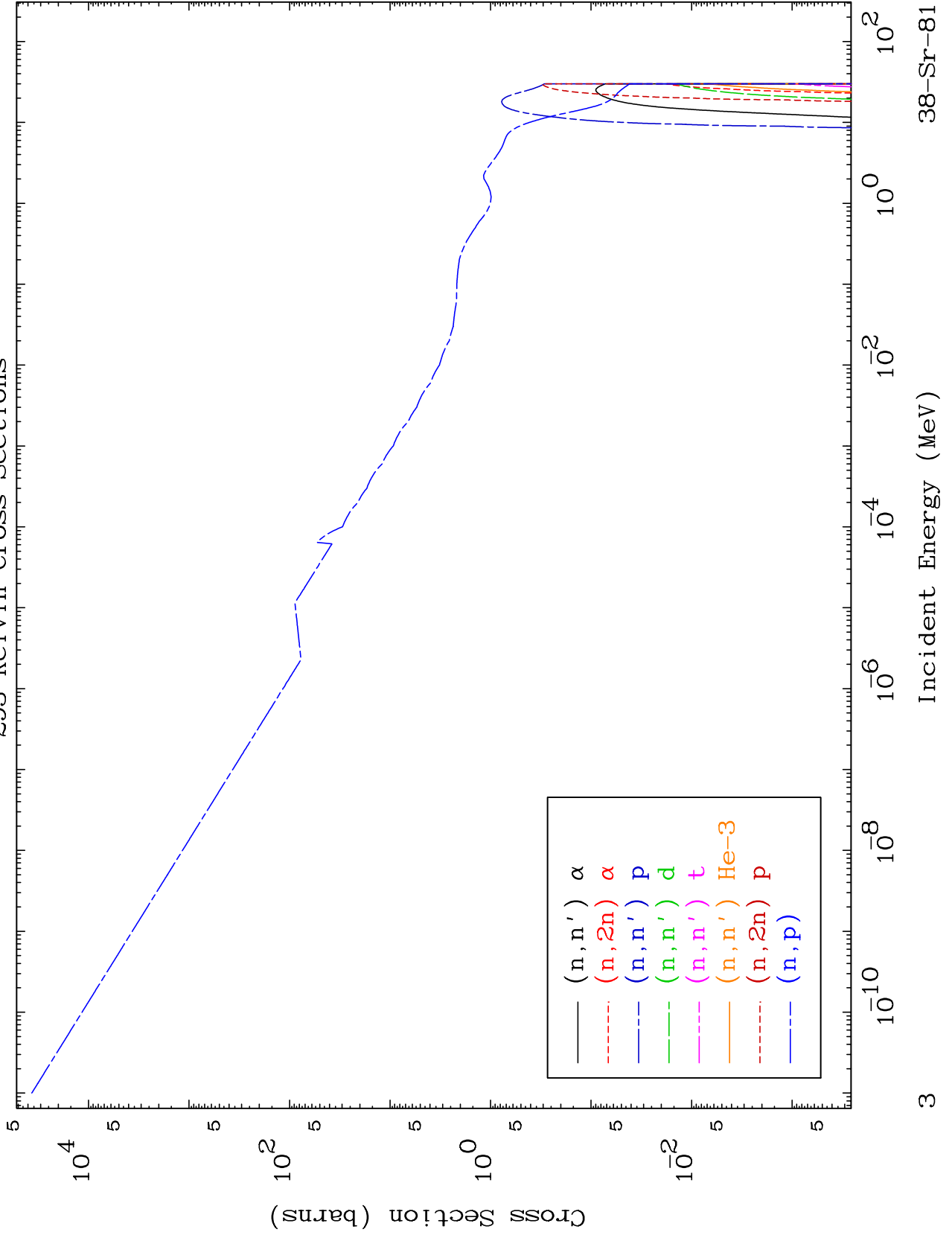
Incident Energy (MeV)

38-Sr-81

MAT 3816

Charged Particle  
293 Kelvin Cross Sections

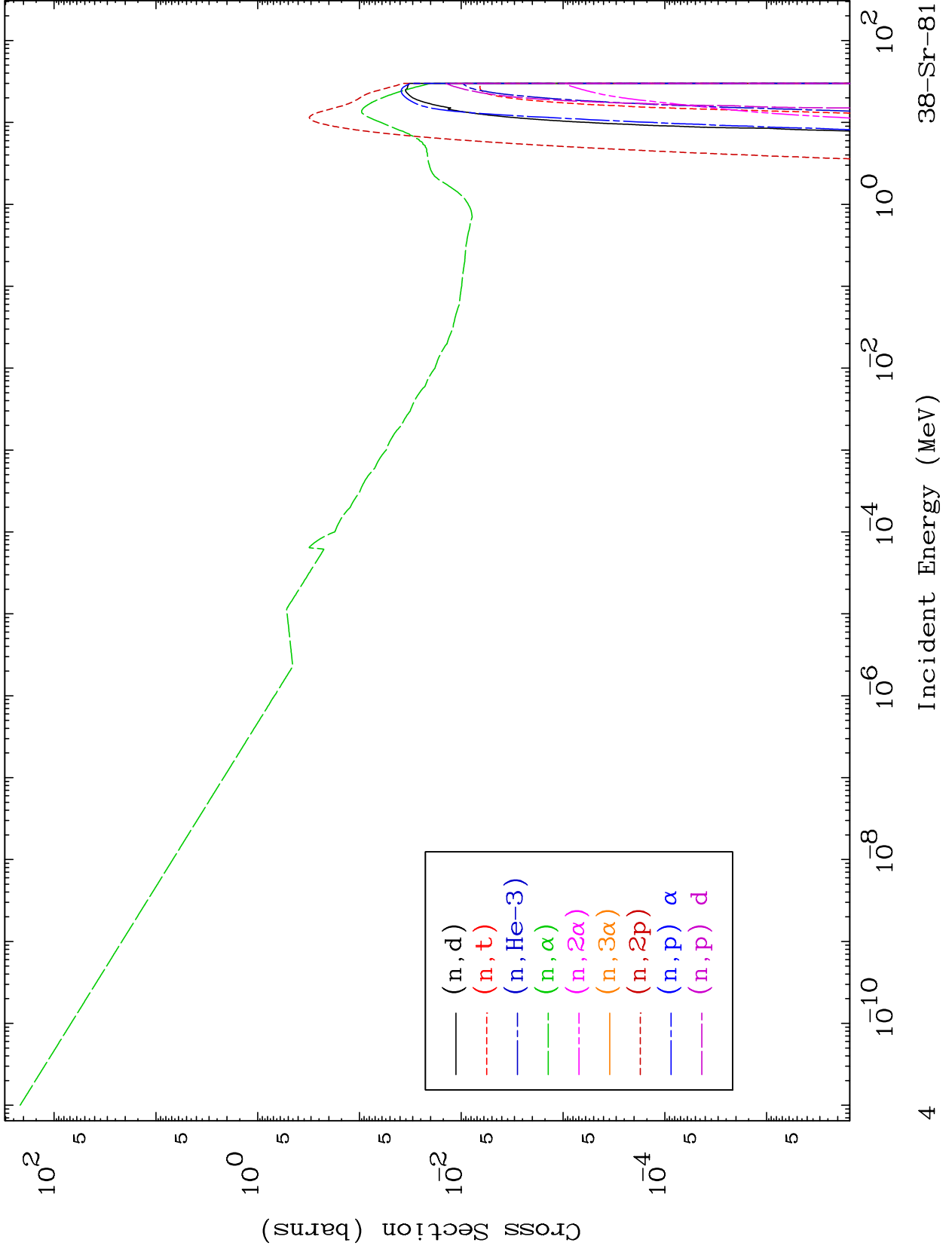
38-Sr-81



MAT 3816

Charged Particle  
293 Kelvin Cross Sections

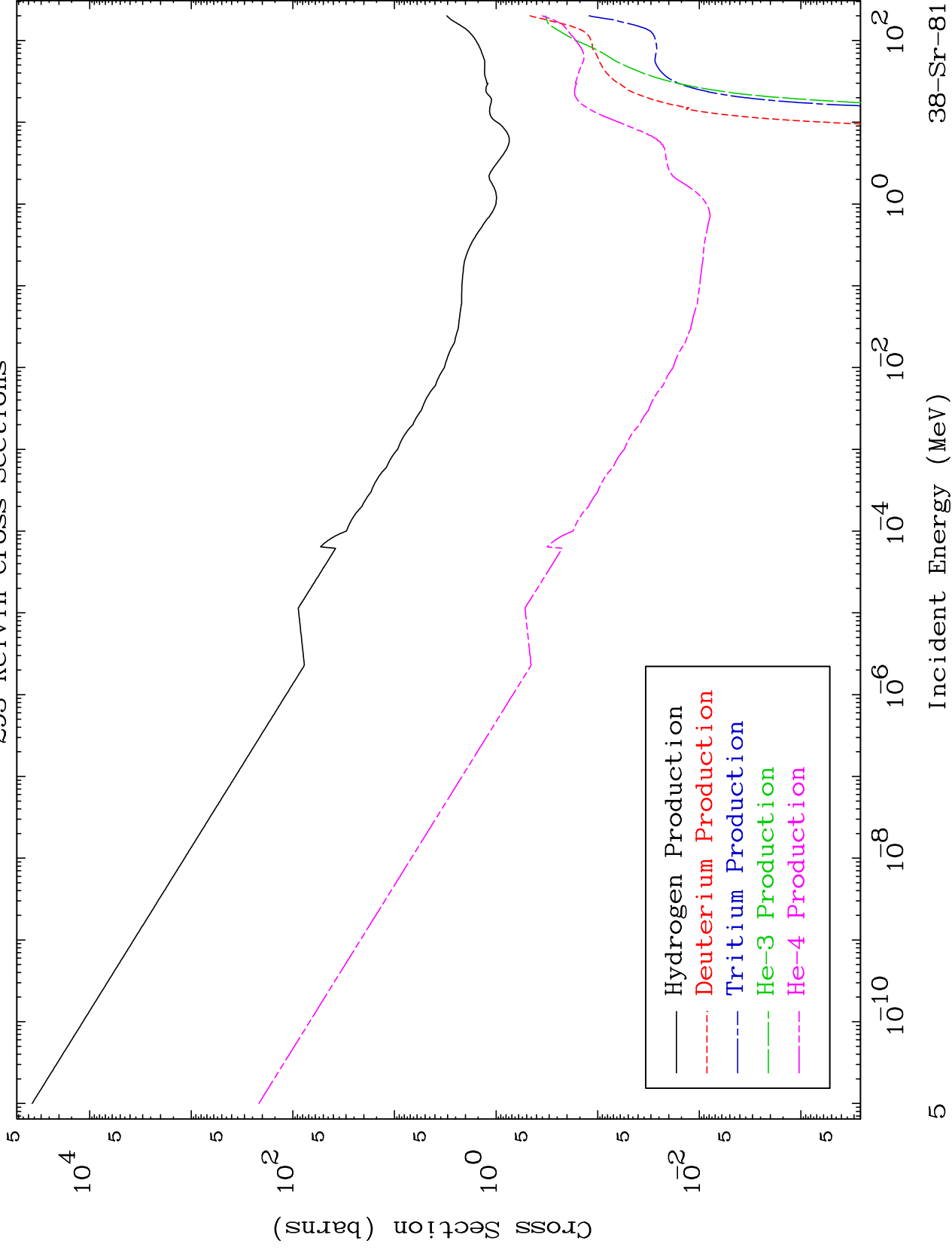
38-Sr-81



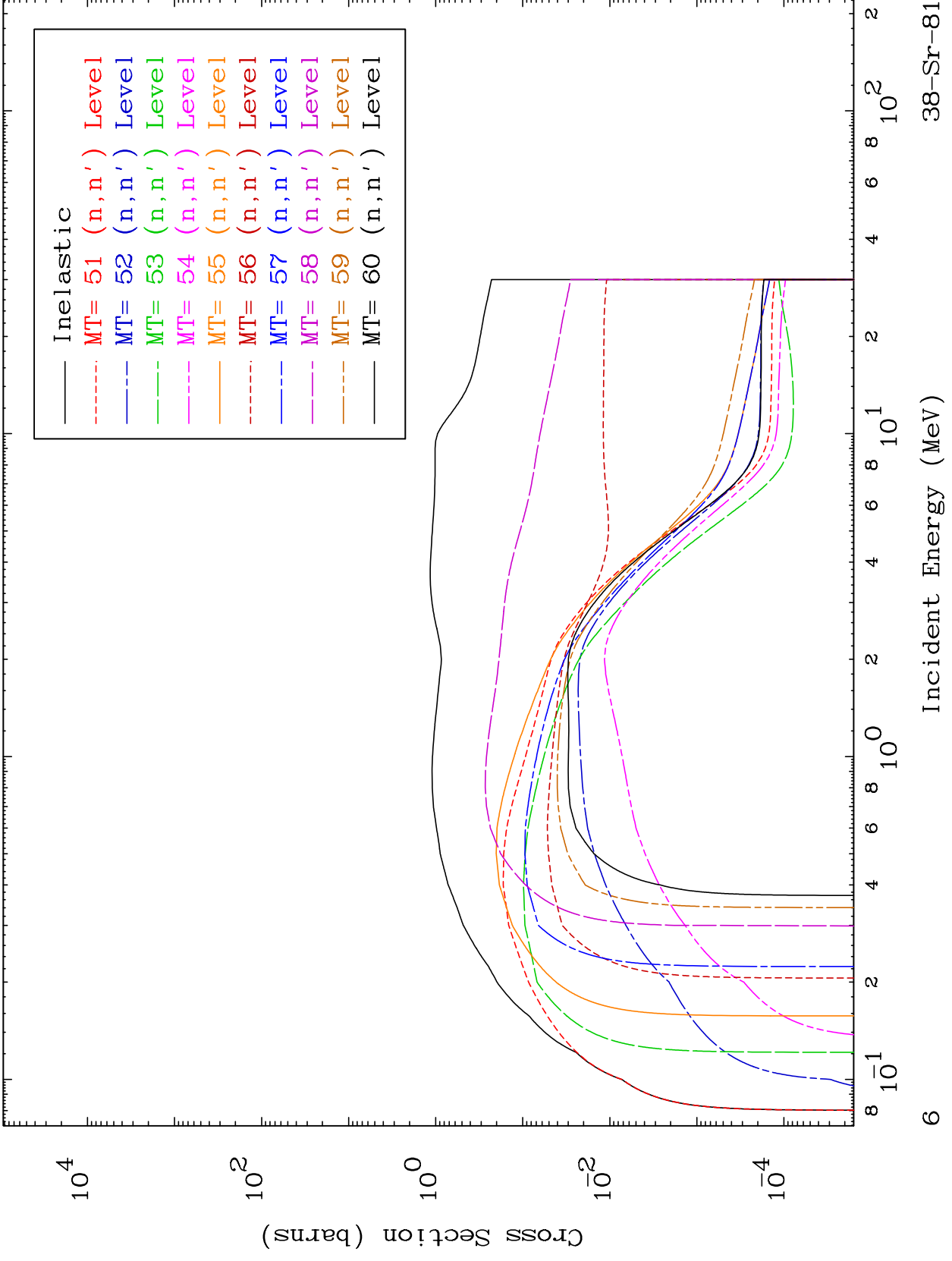
MAT 3816

Particle Production  
293 Kelvin Cross Sections

38-Sr-81



293 Kelvin Cross Sections

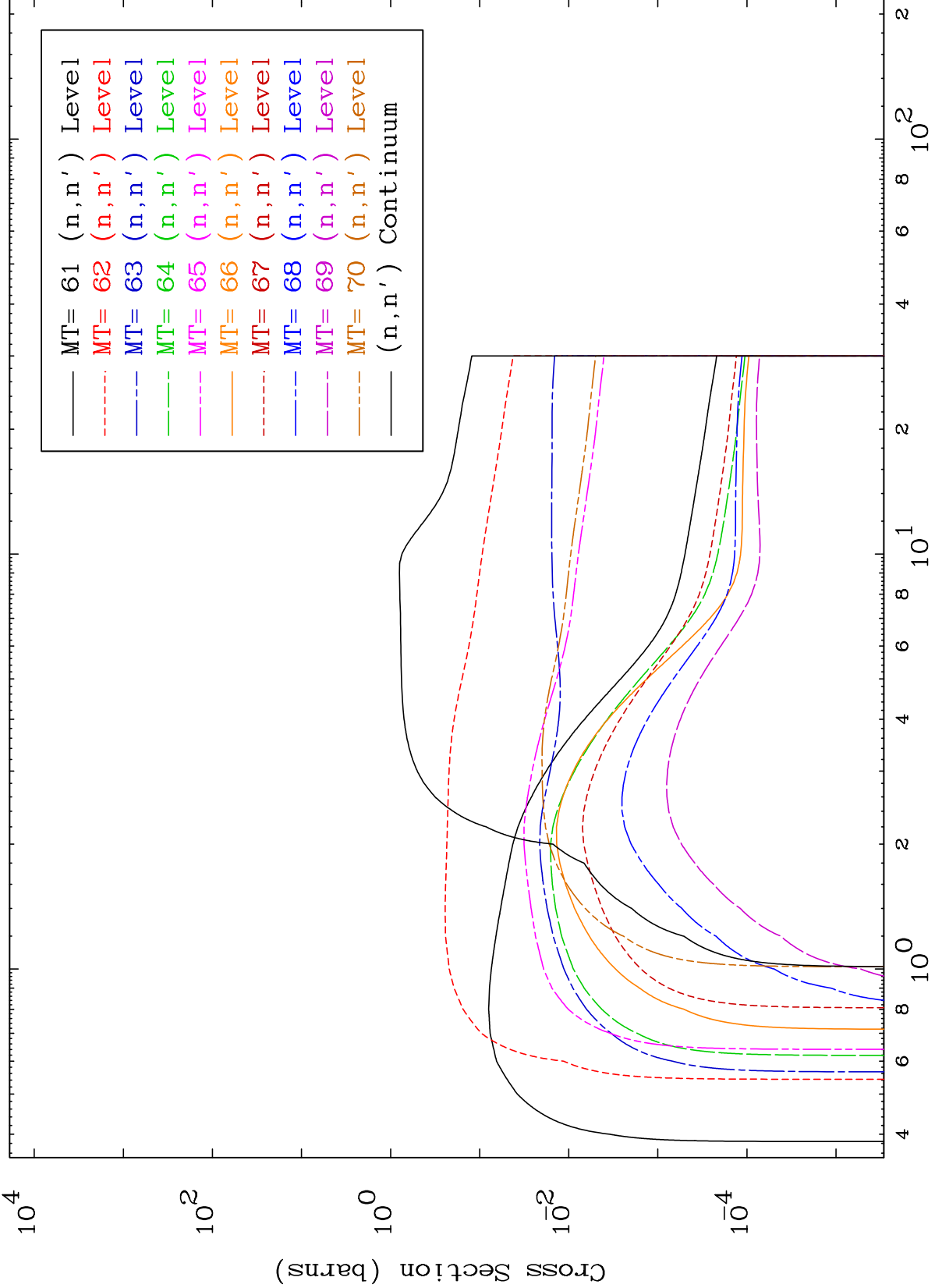


MAT 3816

(n,n') Level

38-Sr-81

293 Kelvin Cross Sections



7

Incident Energy (MeV)

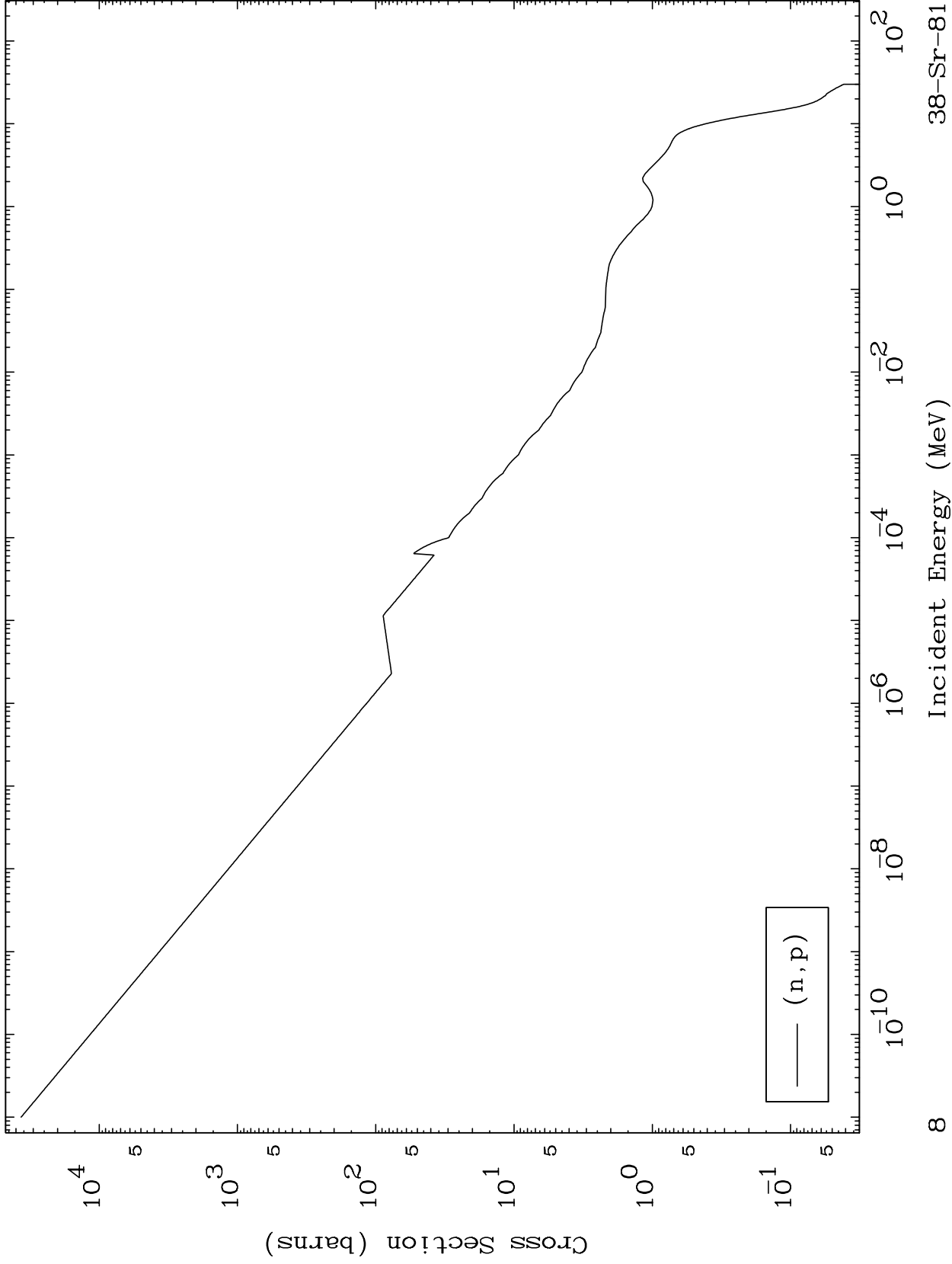
38-Sr-81



MAT 3816

(n,p) Levels  
293 Kelvin Cross Sections

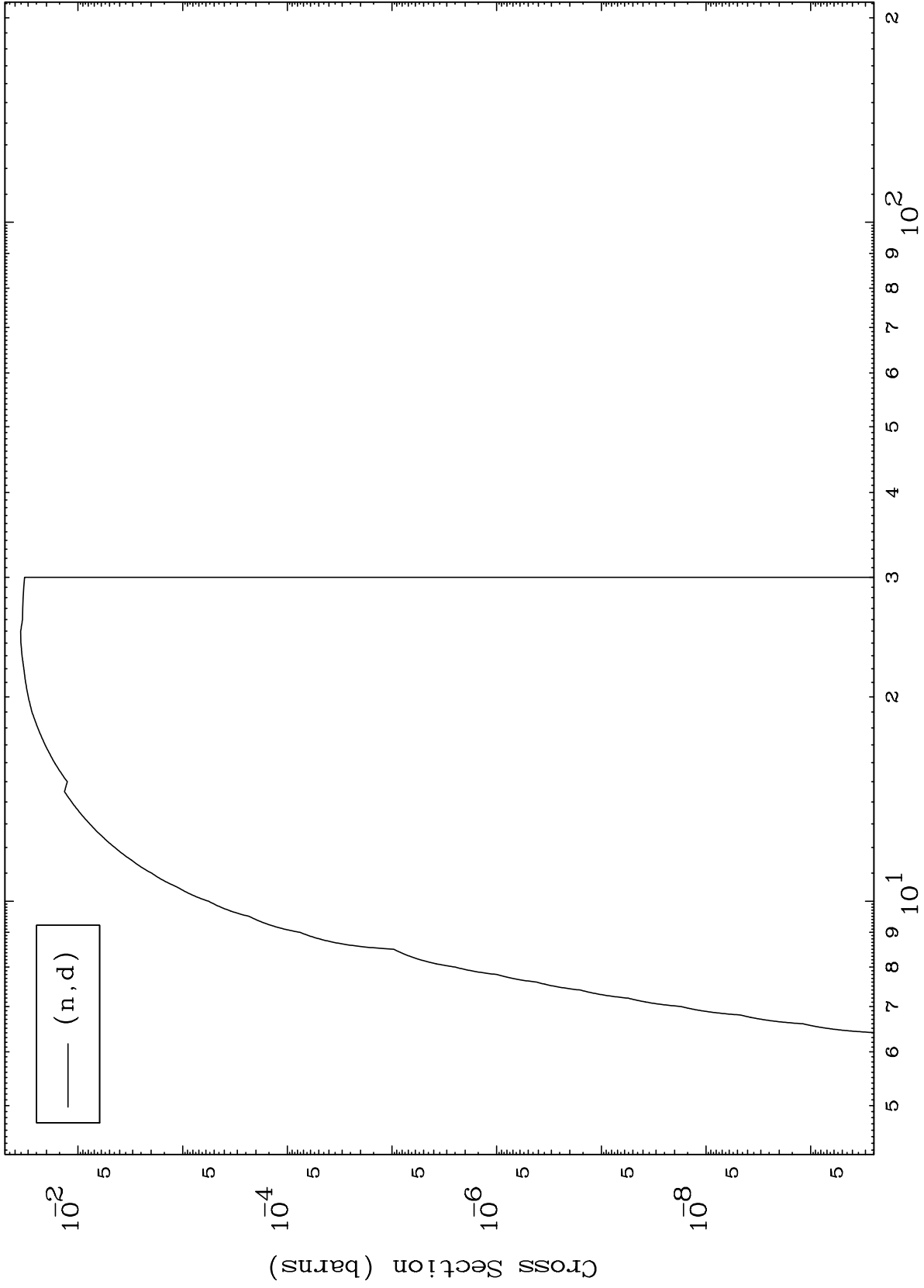
38-Sr-81



MAT 3816

(n,d) Levels  
293 Kelvin Cross Sections

38-Sr-81



9

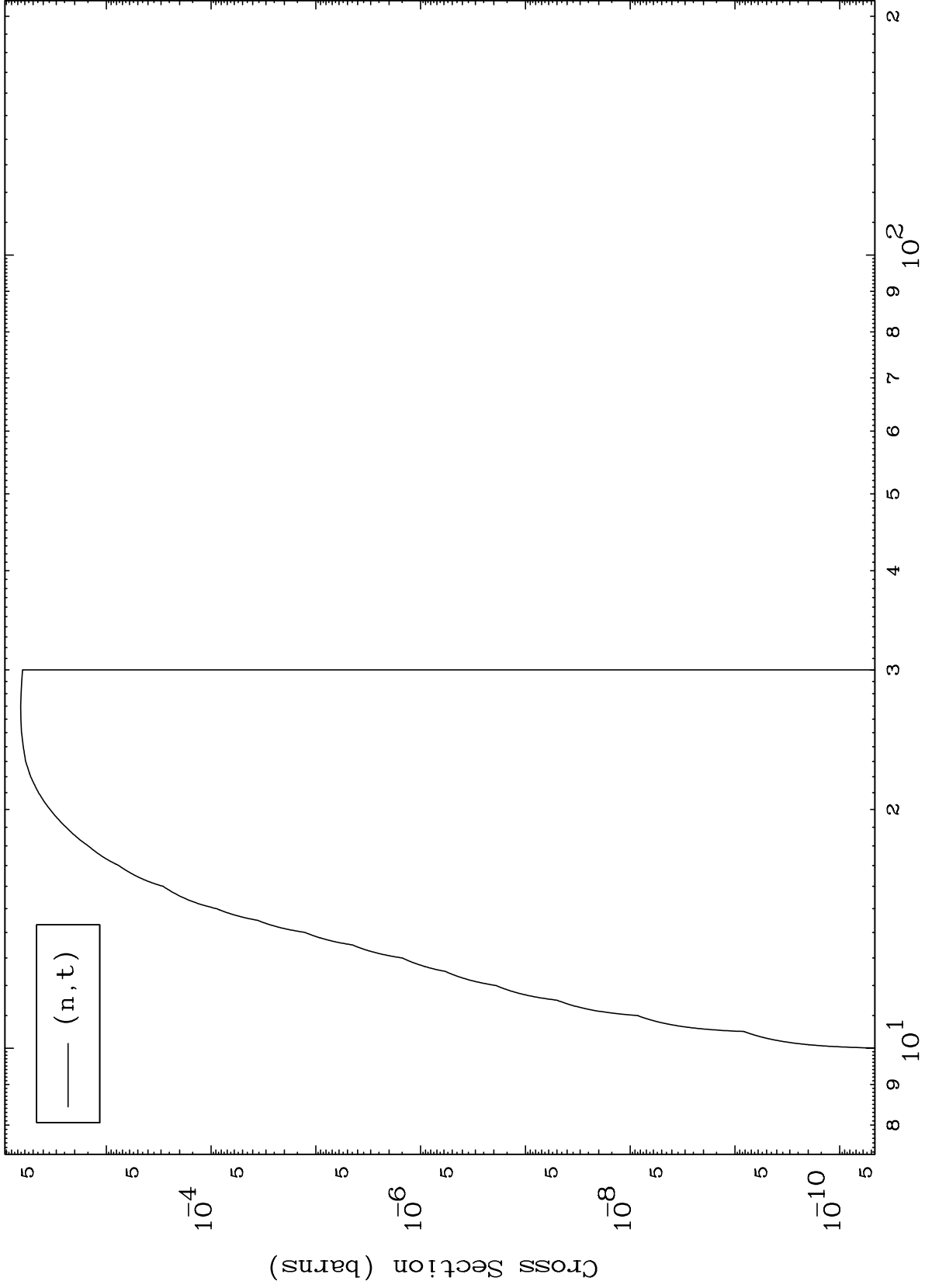
Incident Energy (MeV)

38-Sr-81

MAT 3816

(n,t) Levels  
293 Kelvin Cross Sections

38-Sr-81



10

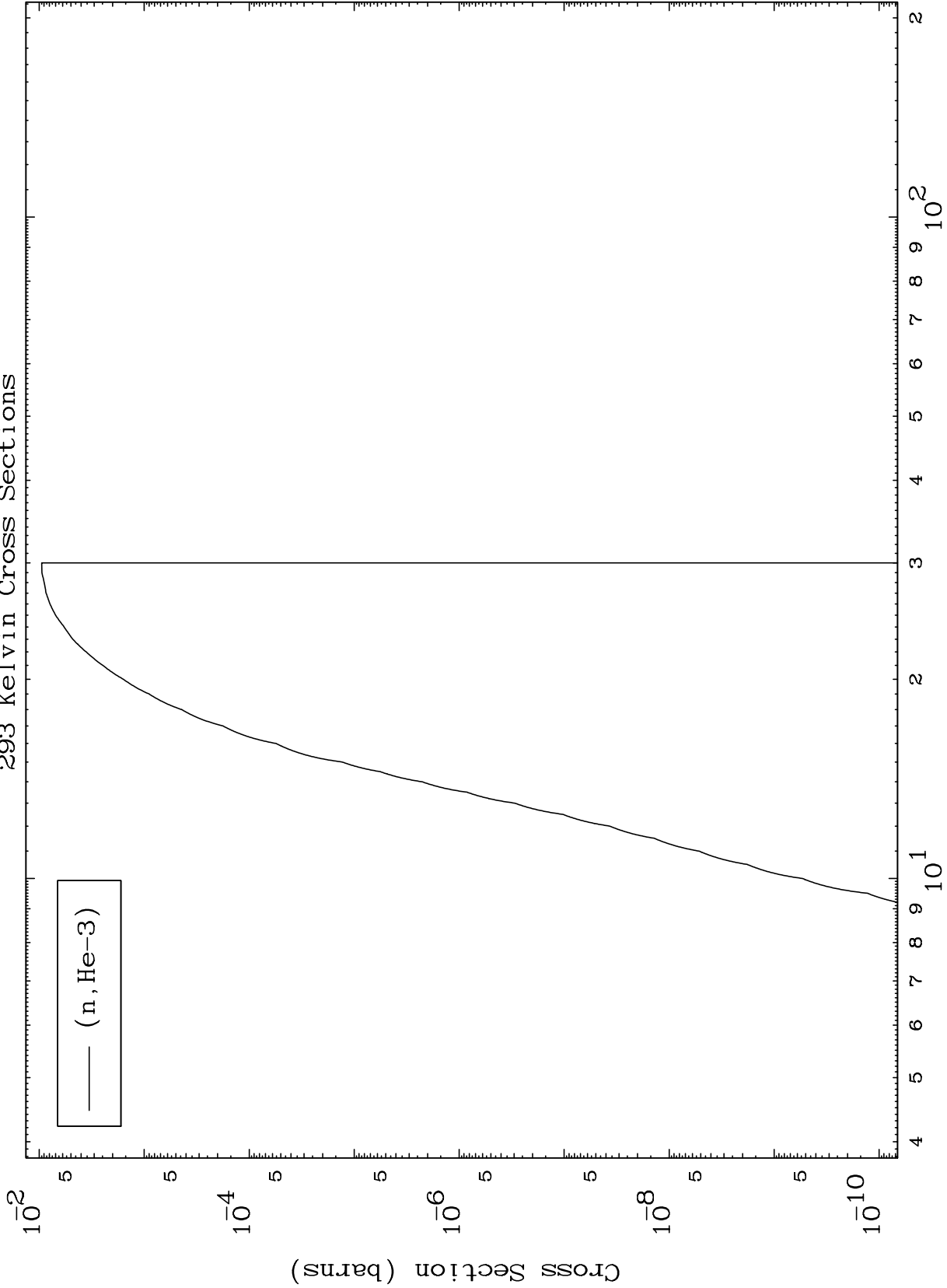
Incident Energy (MeV)

38-Sr-81

MAT 3816

38-Sr-81

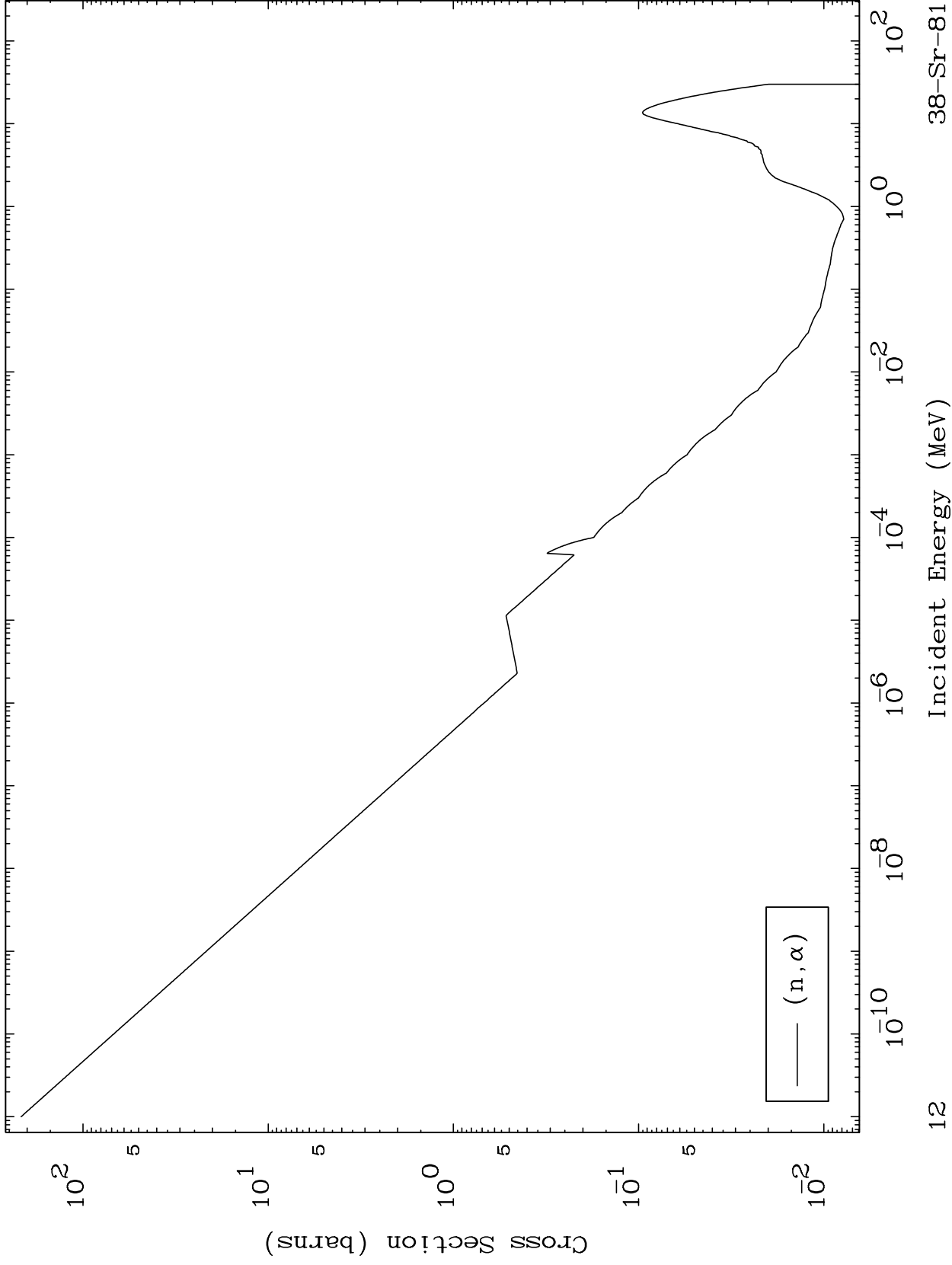
(n,He3) Levels  
293 Kelvin Cross Sections



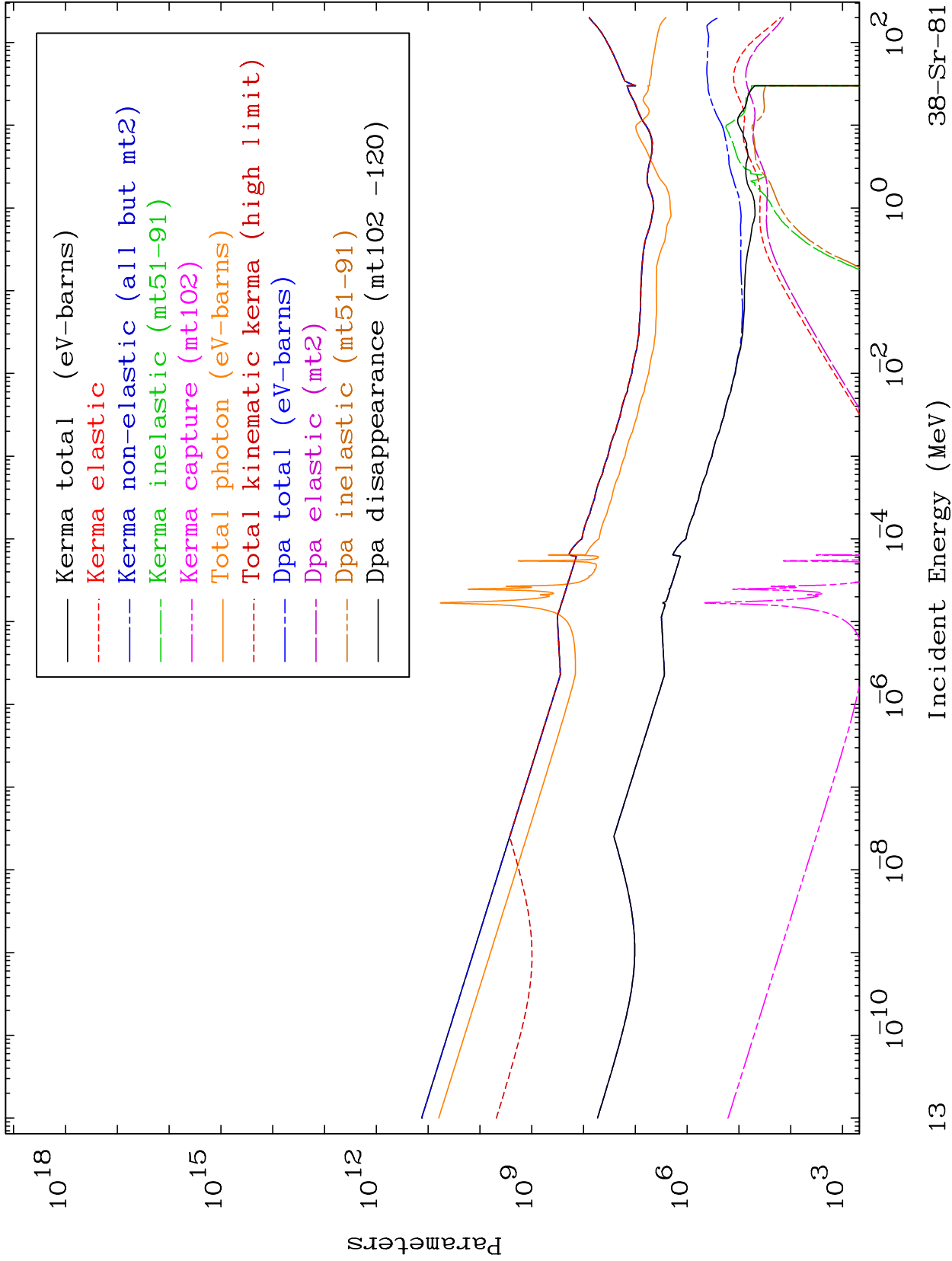
MAT 3816

(n,α) Levels  
293 Kelvin Cross Sections

38-Sr-81



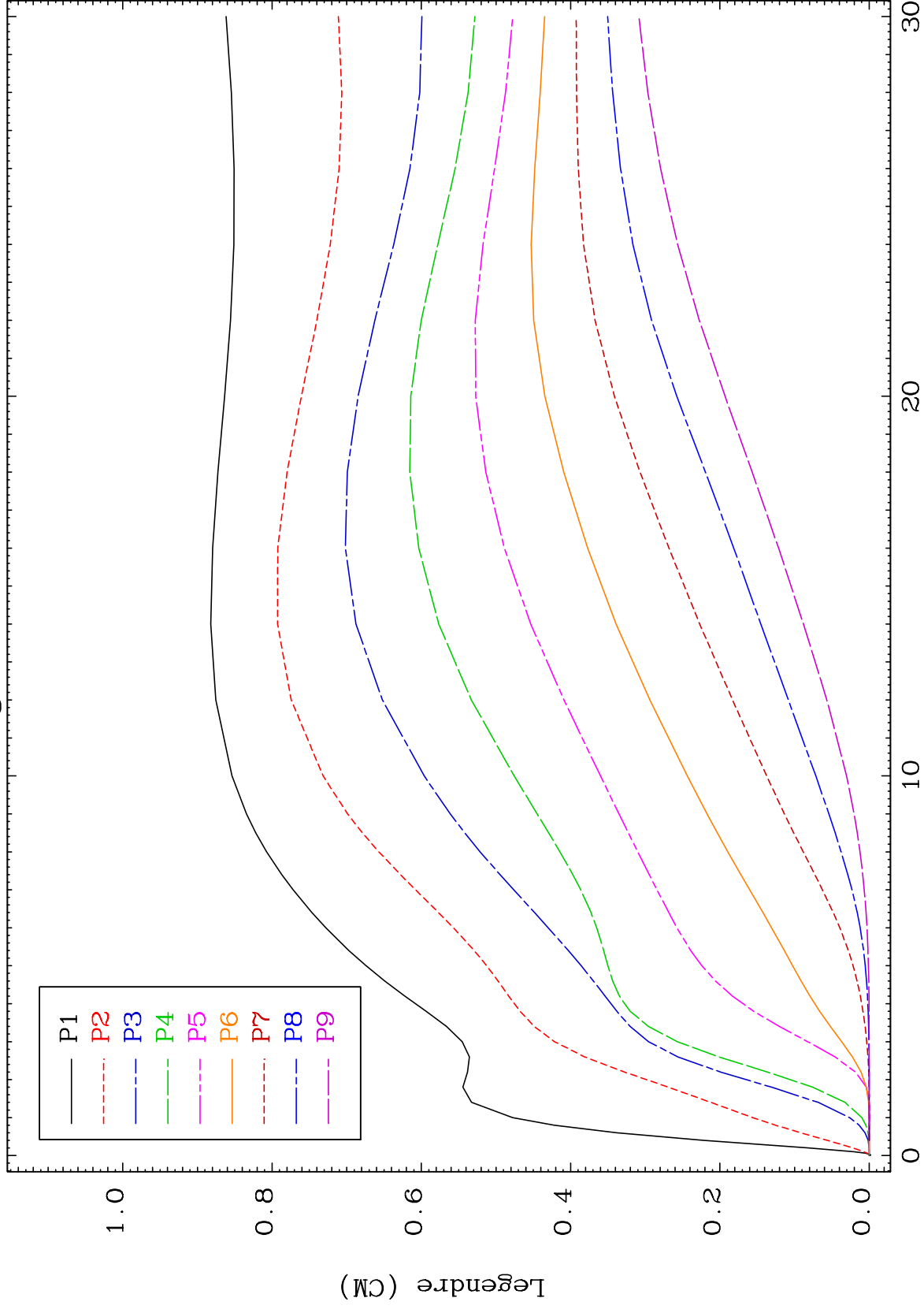
12



MAT 3816

Elastic Legendre Coefficients

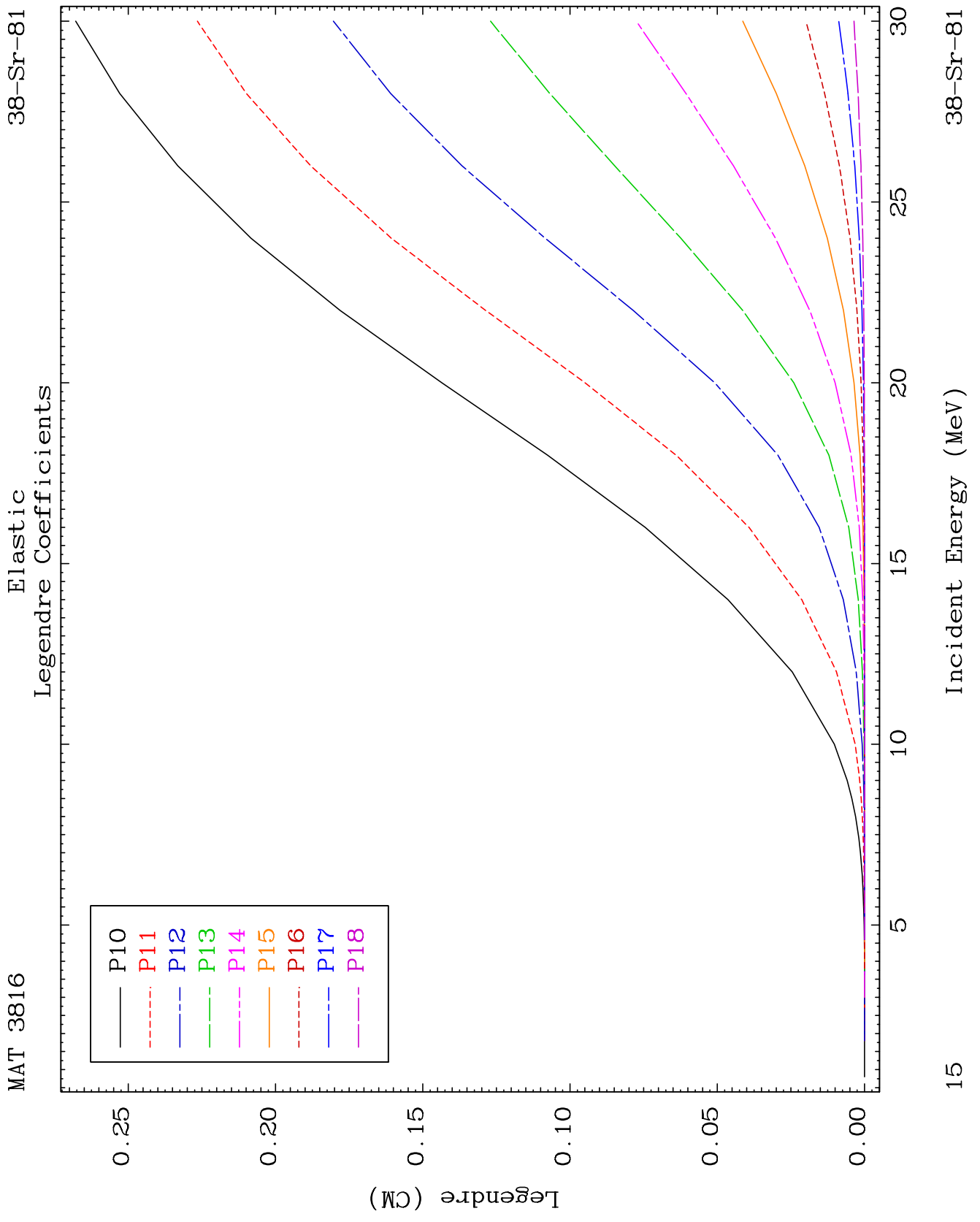
<sup>38</sup>Sr-81



14

Incident Energy (MeV)

<sup>38</sup>Sr-81

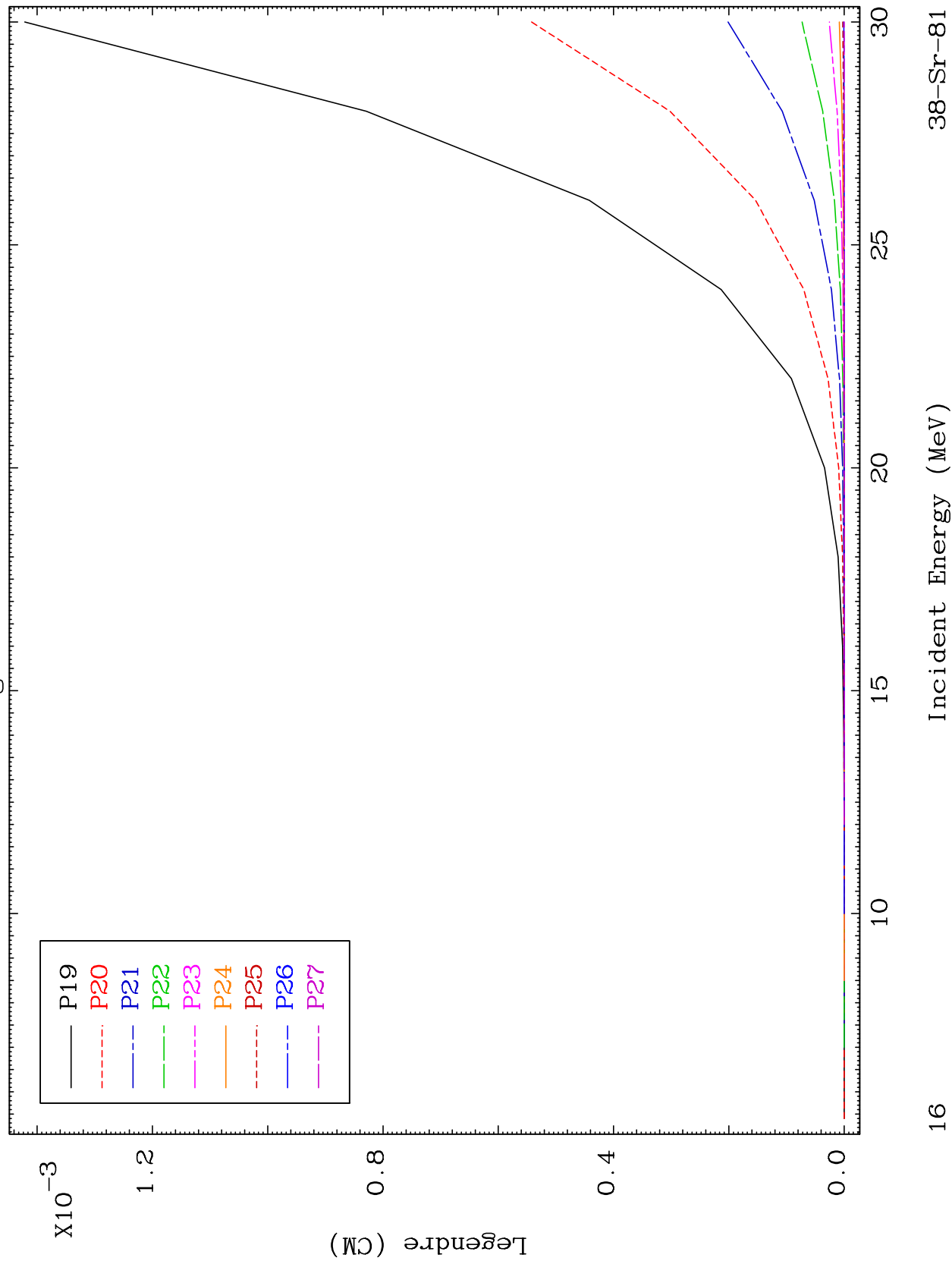




MAT 3816

Elastic Legendre Coefficients

38-Sr-81

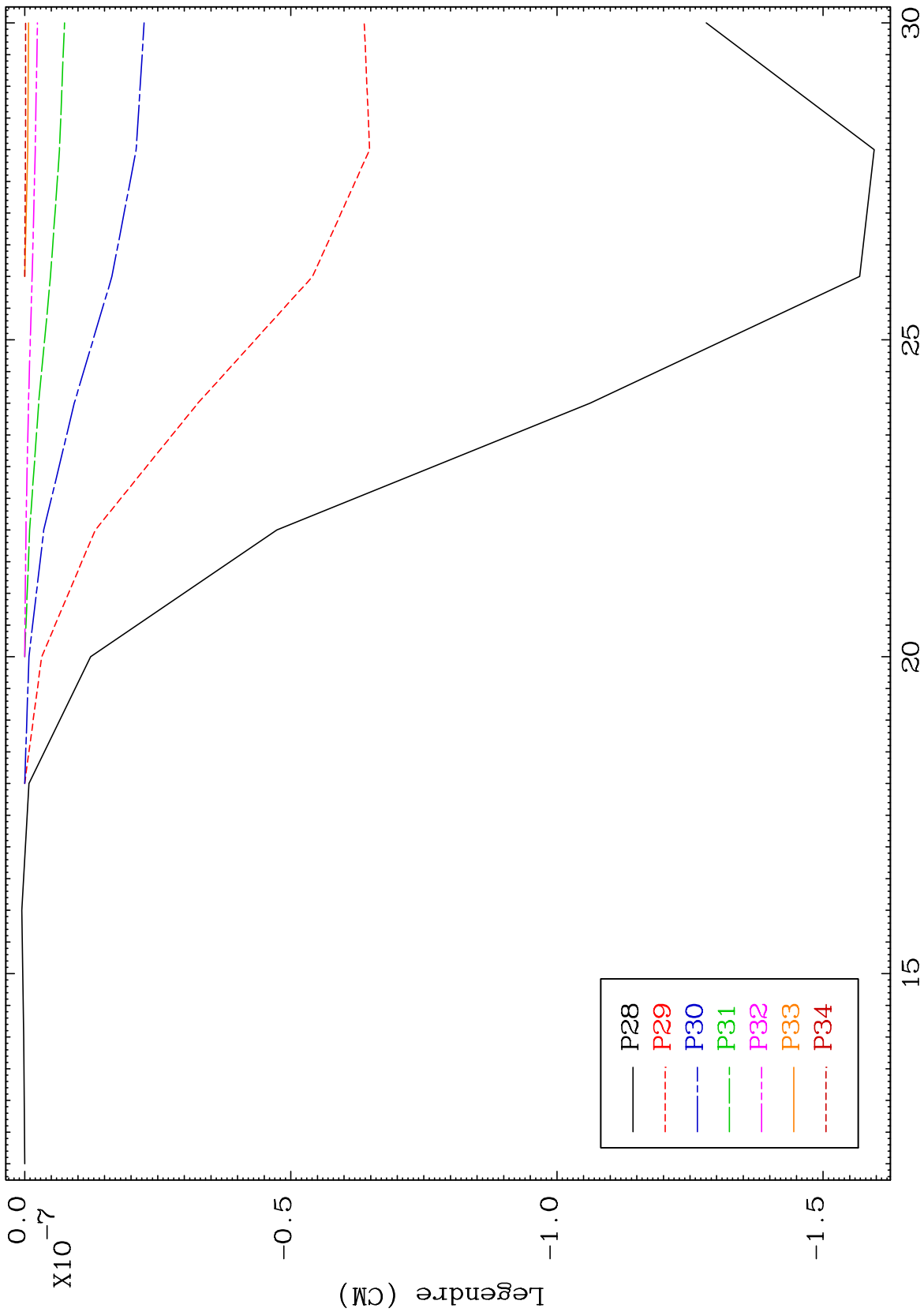


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 3816

38-Sr-81

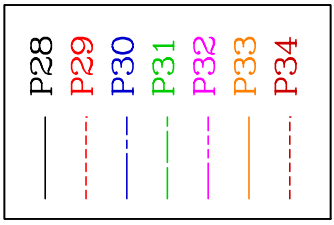
Elastic Legendre Coefficients



Legendre (CM)  
 $\times 10^{-7}$

Incident Energy (MeV)

38-Sr-81

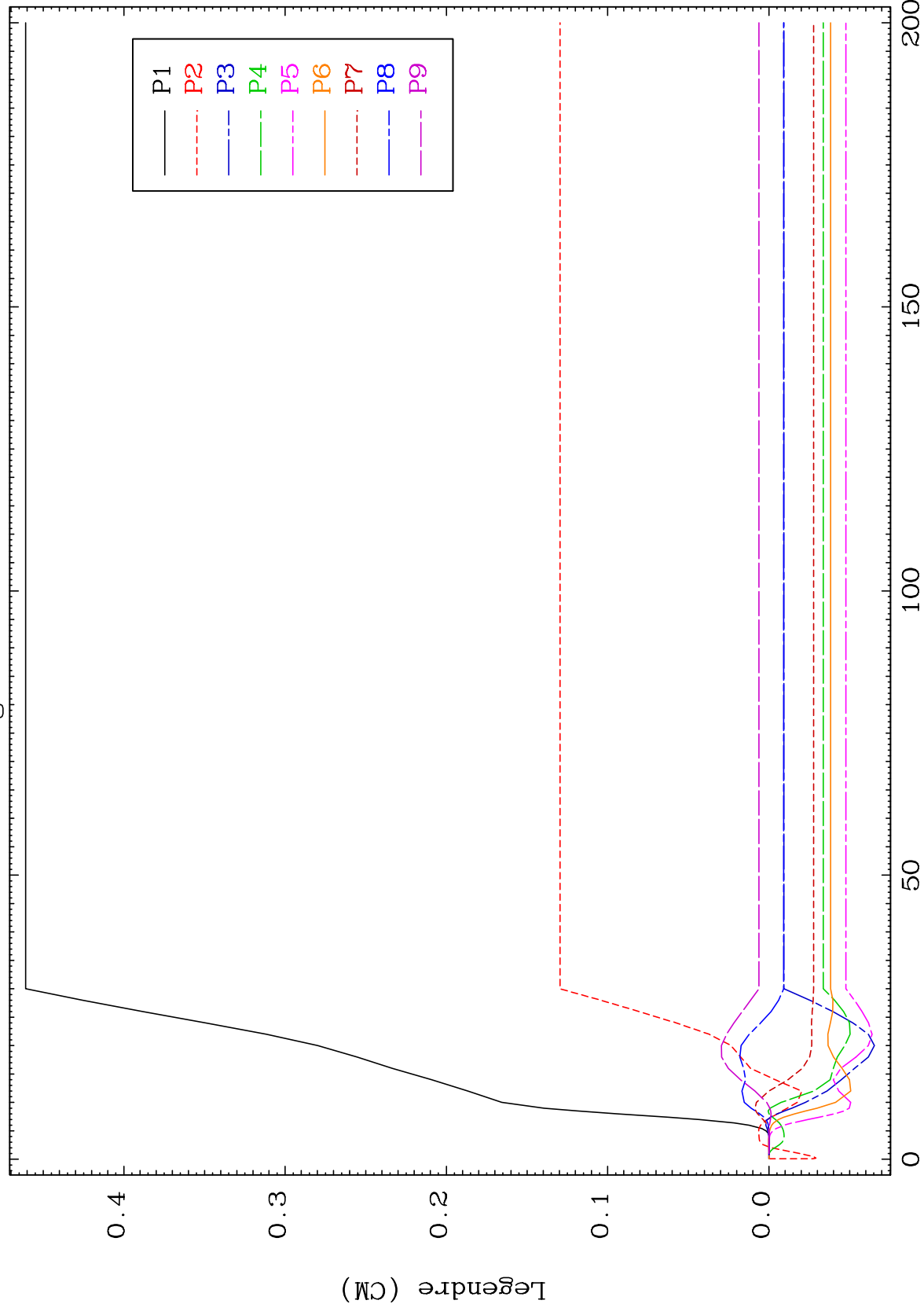


17

MAT 3816

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

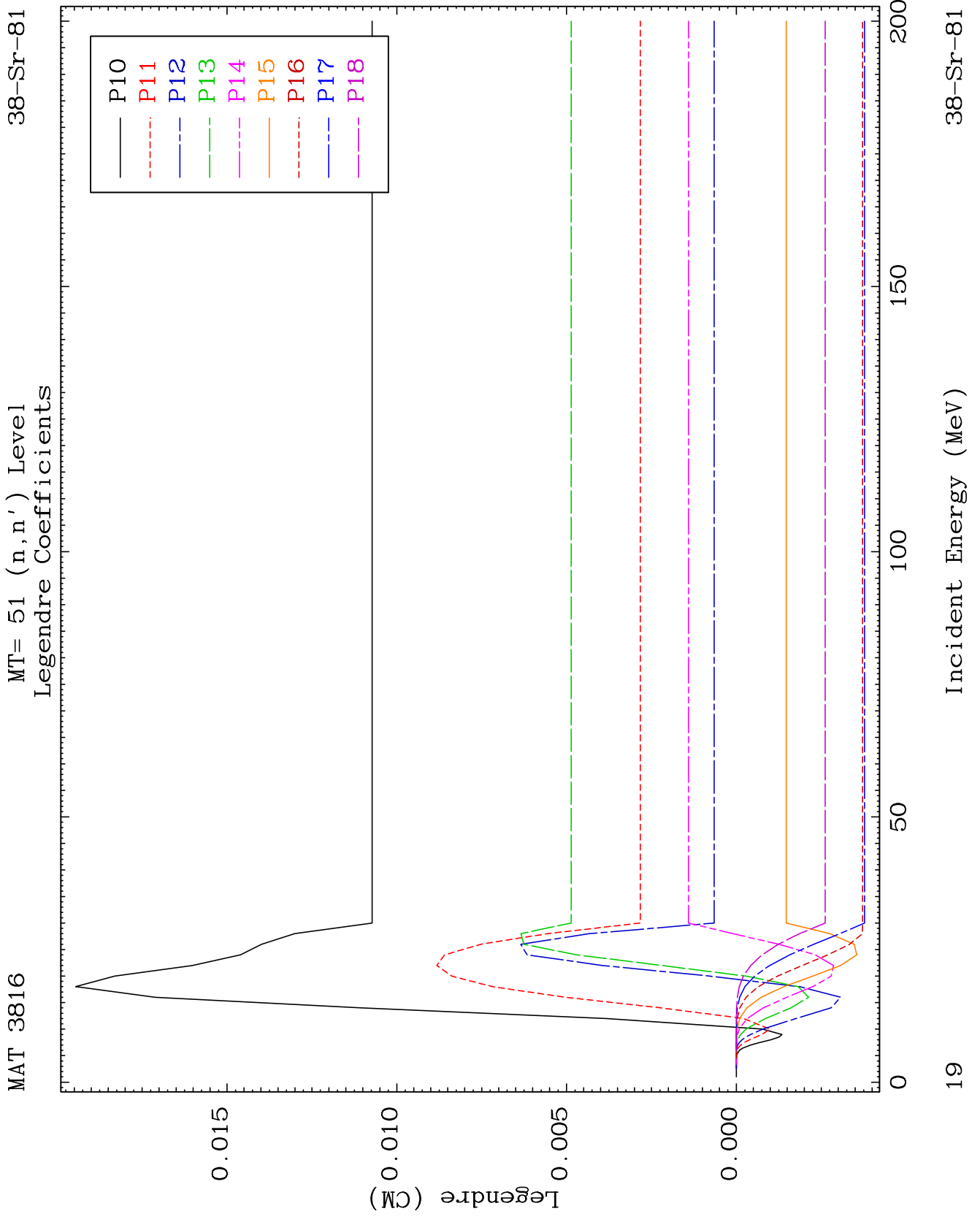
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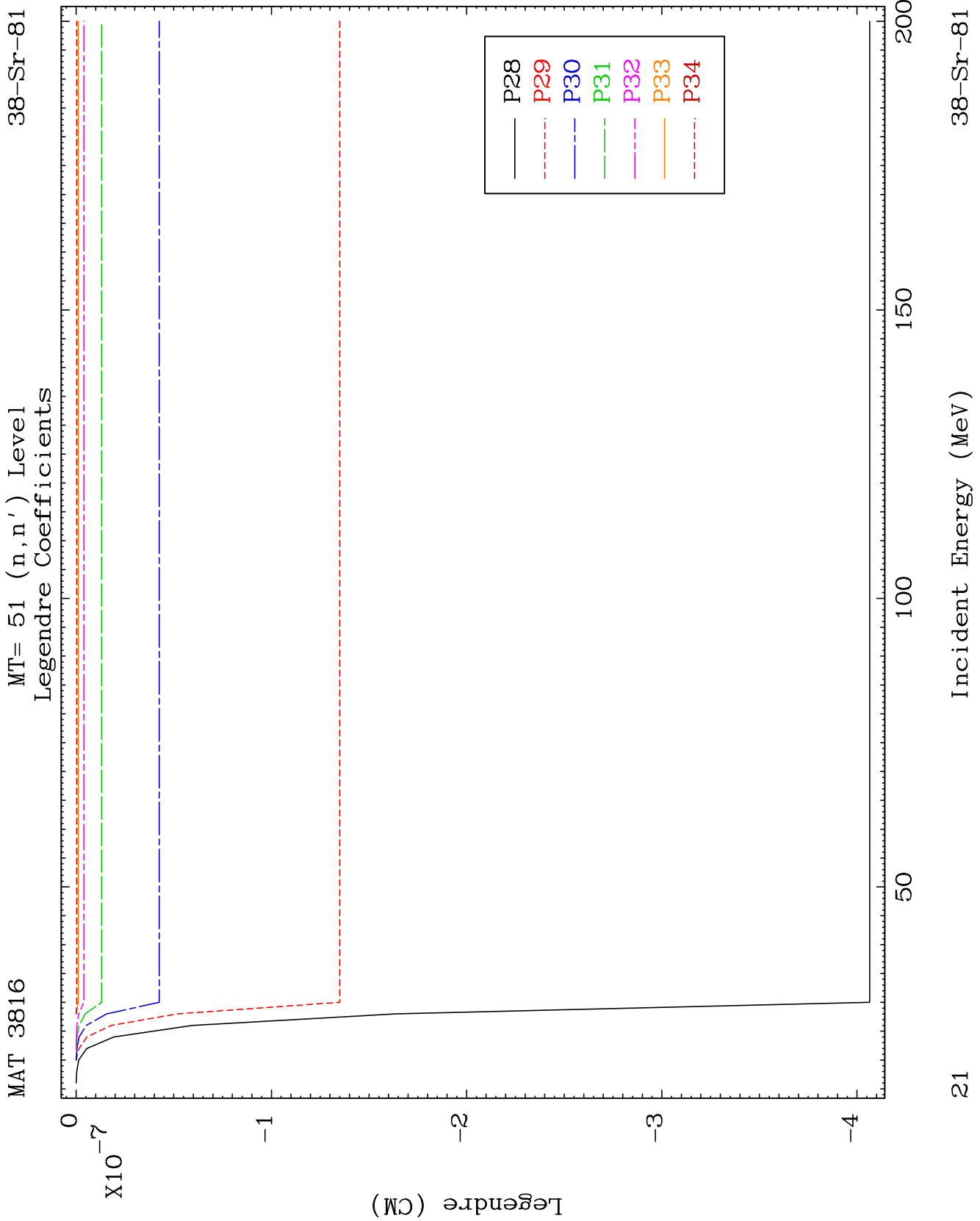
18

Incident Energy (MeV)

38-Sr-81



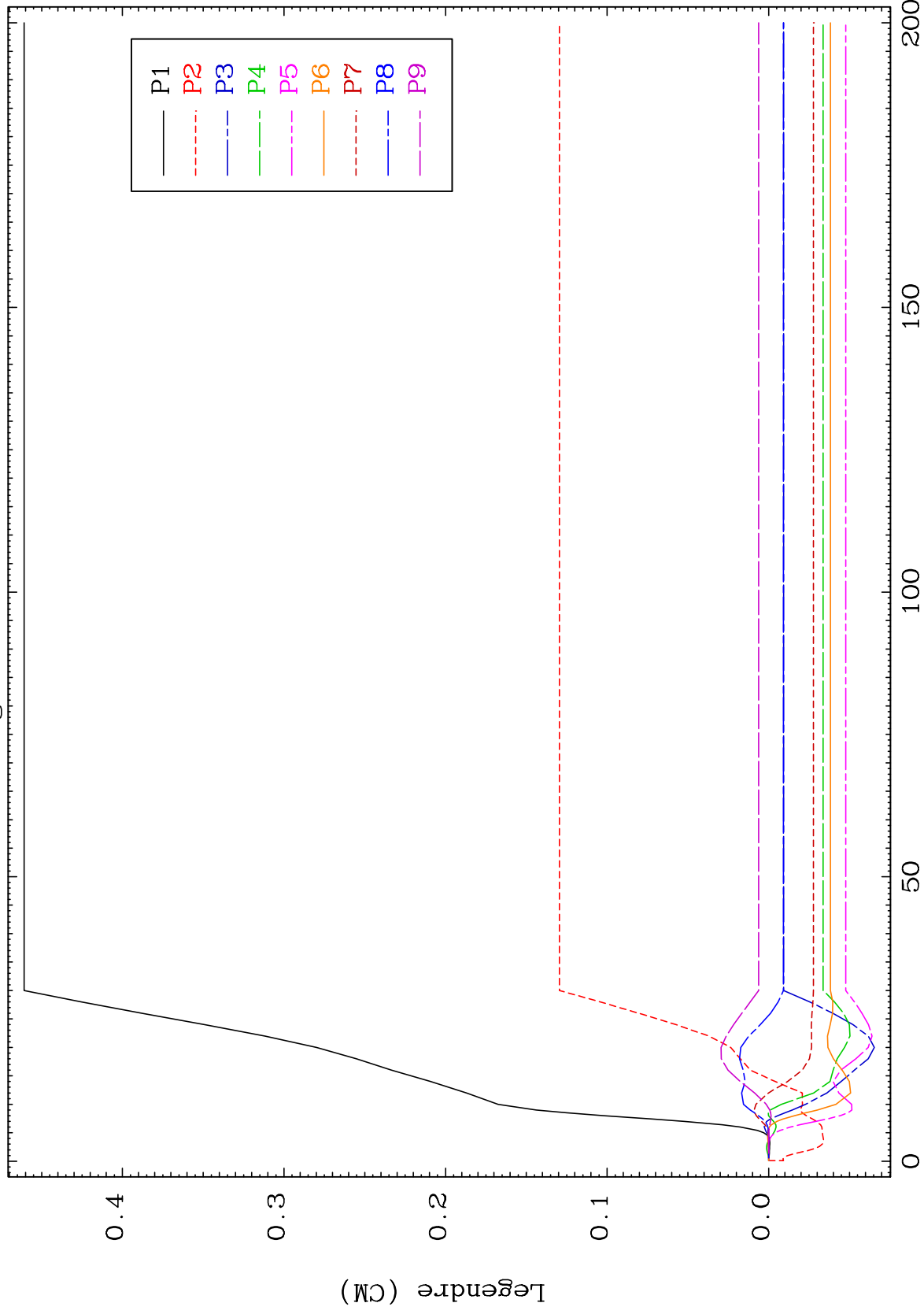




MAT 3816

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

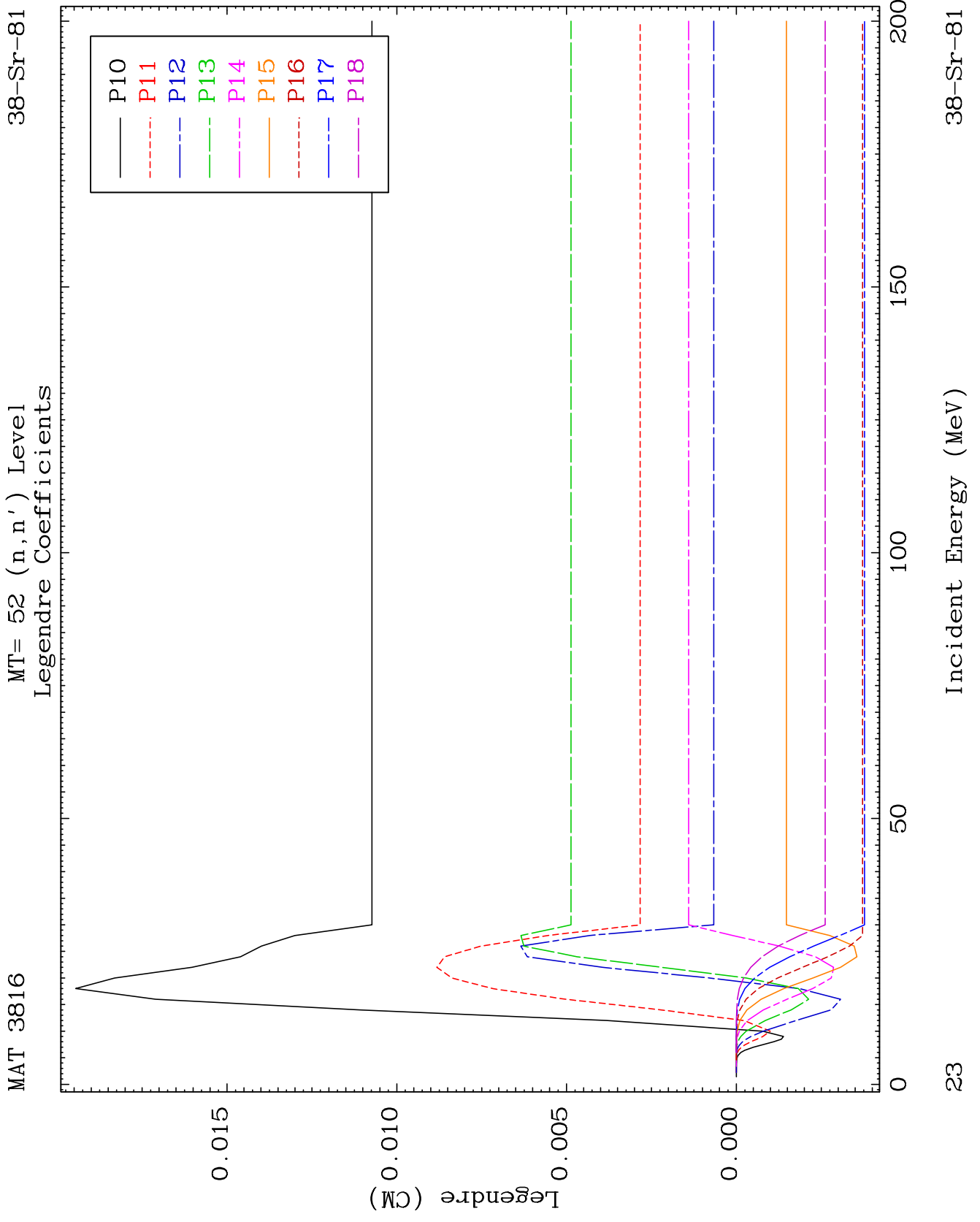
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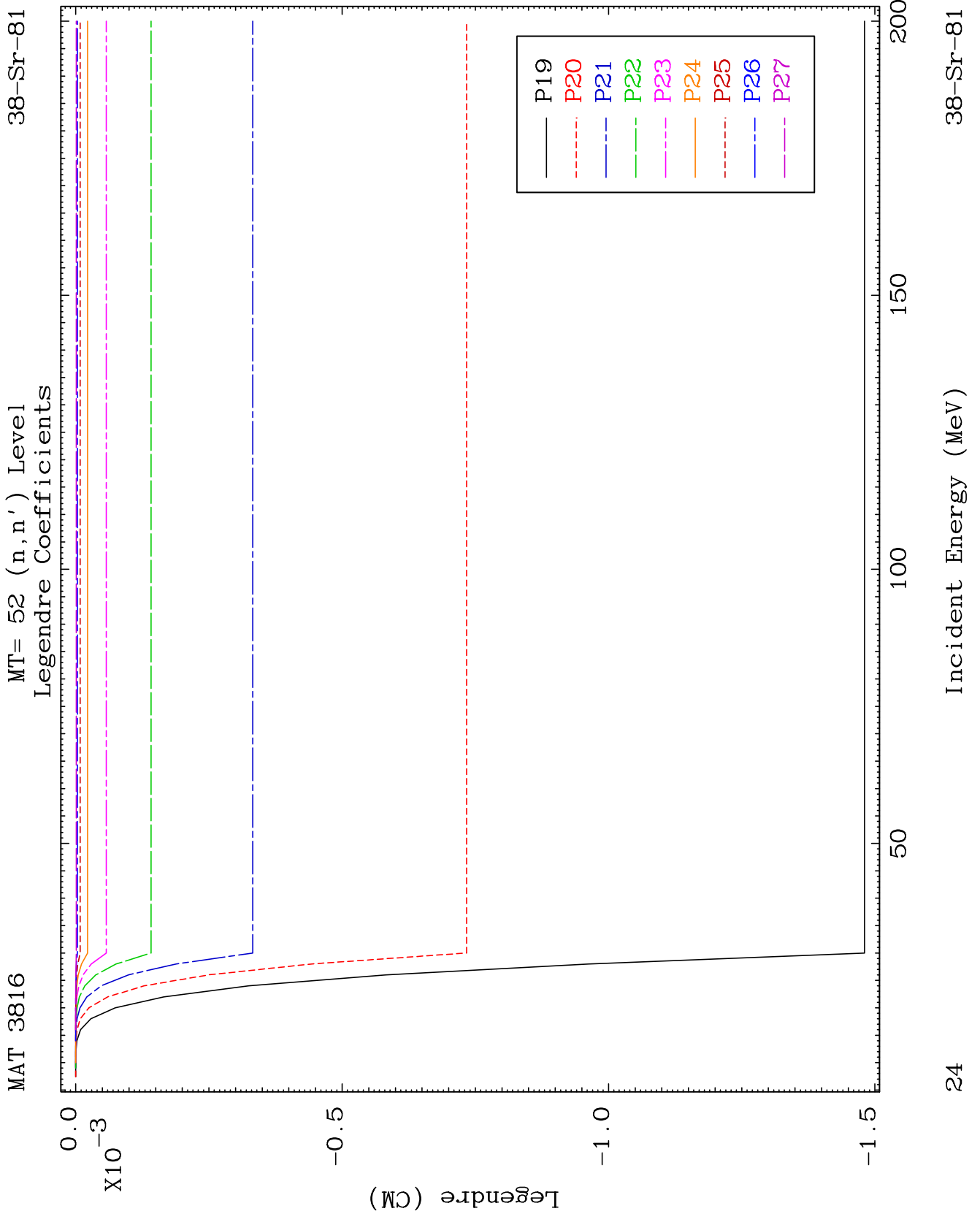
22

Incident Energy (MeV)

38-Sr-81





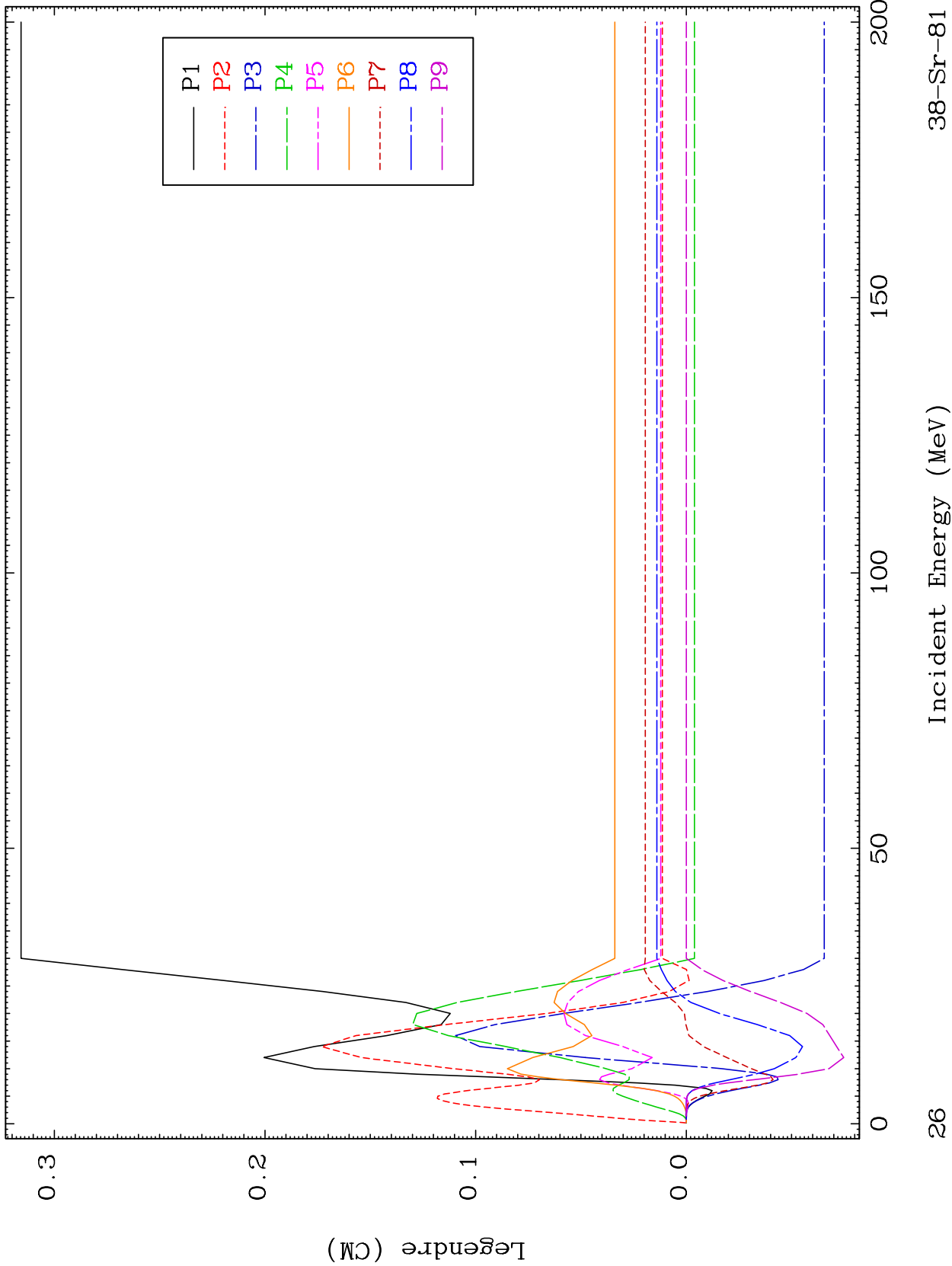




MAT 3816

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

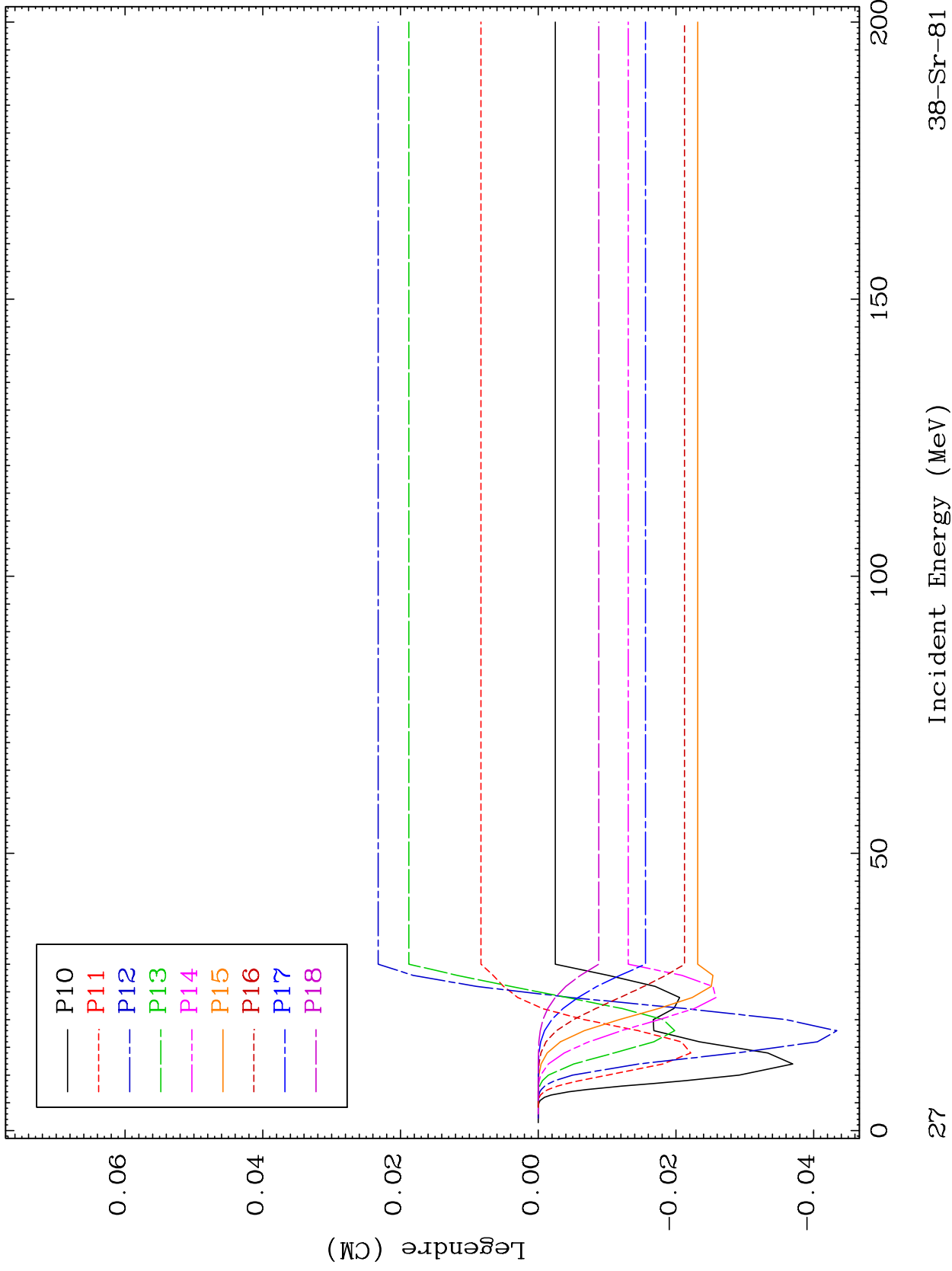
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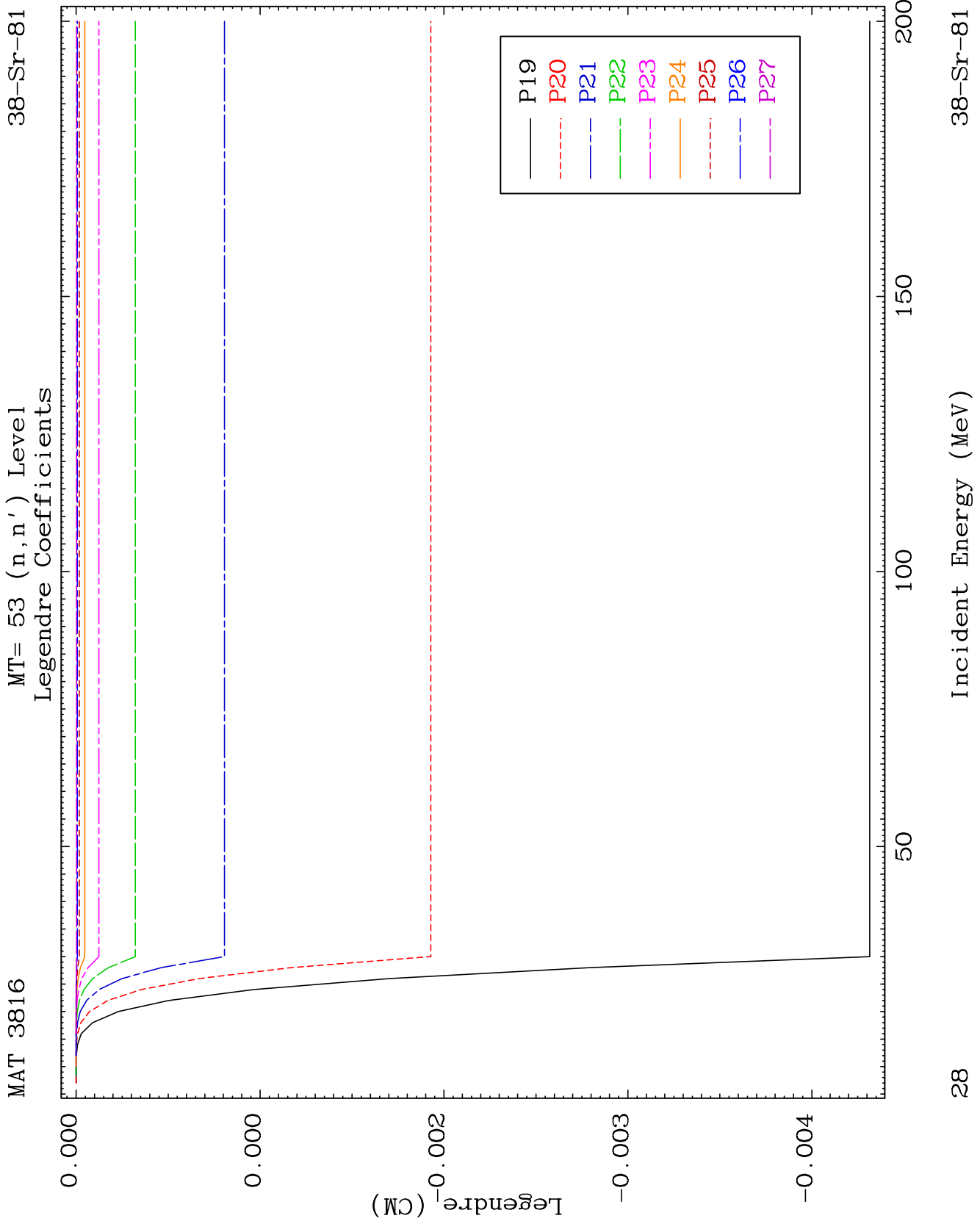


38-Sr-81

Incident Energy (MeV)

26



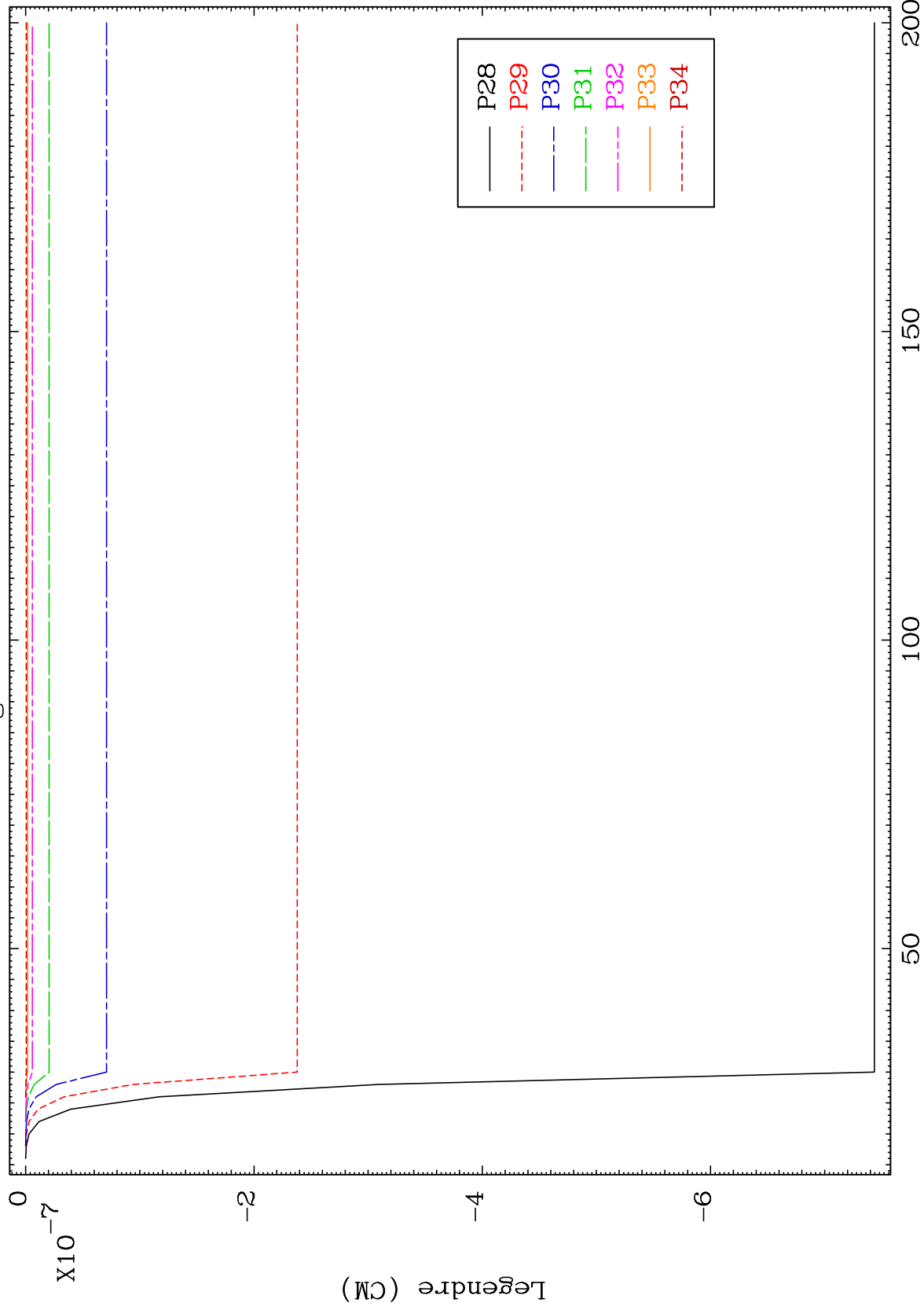


MAT 3816

MT= 53 (n,n') Level

38-Sr-81

Legendre Coefficients



29

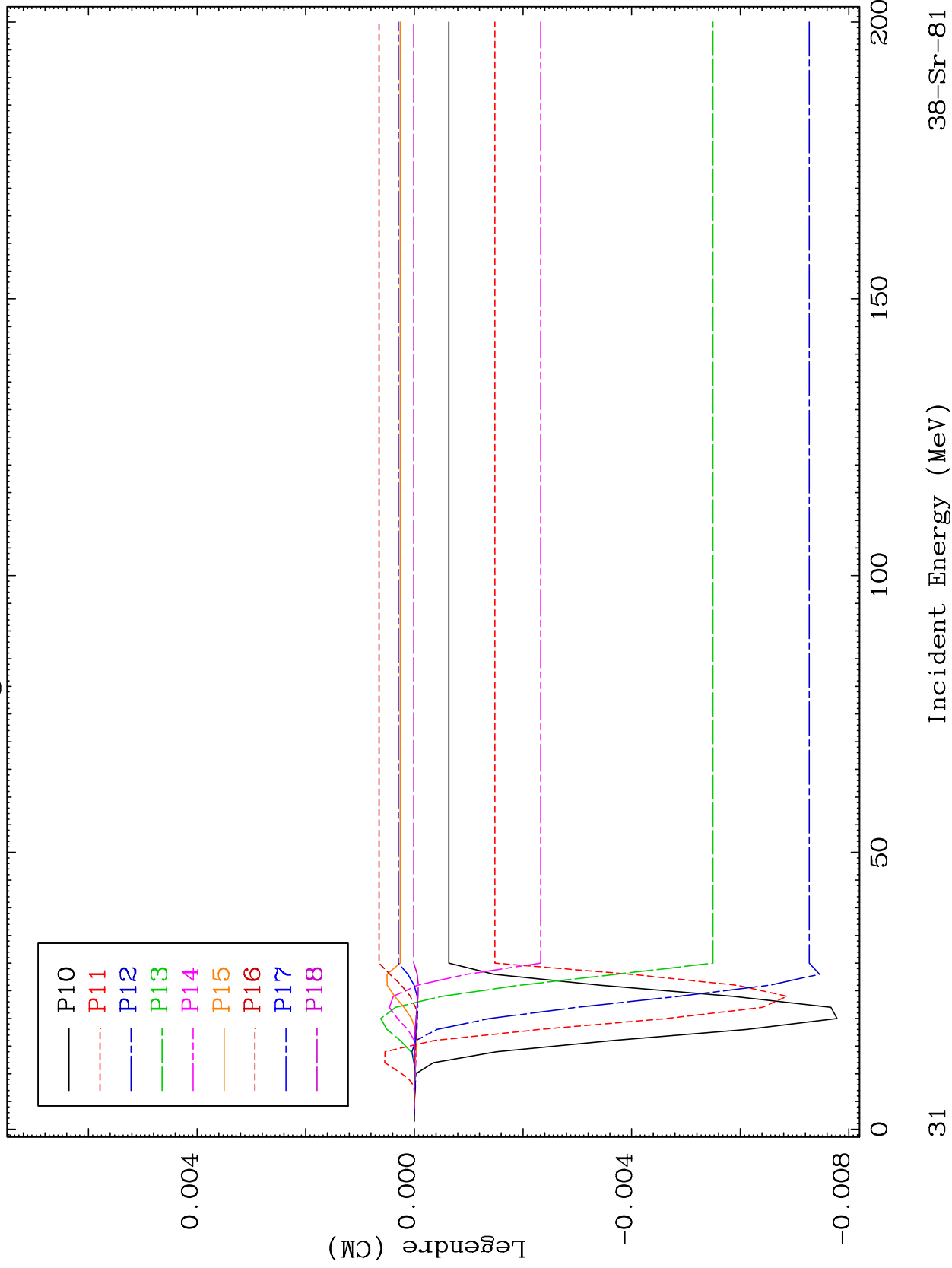
38-Sr-81



MAT 3816

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

38-Sr-81

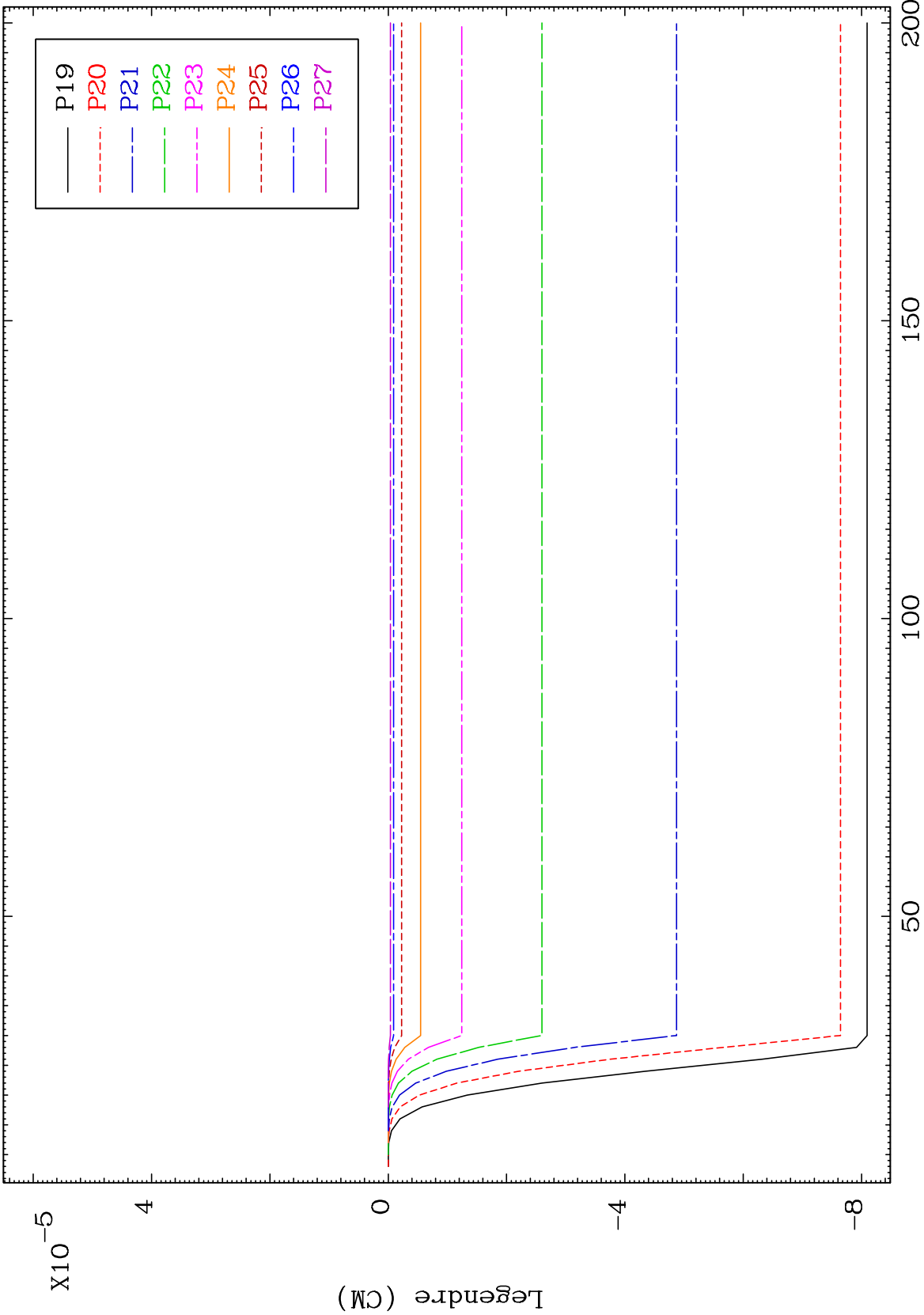




MAT 3816

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

38-Sr-81



32

Incident Energy (MeV)

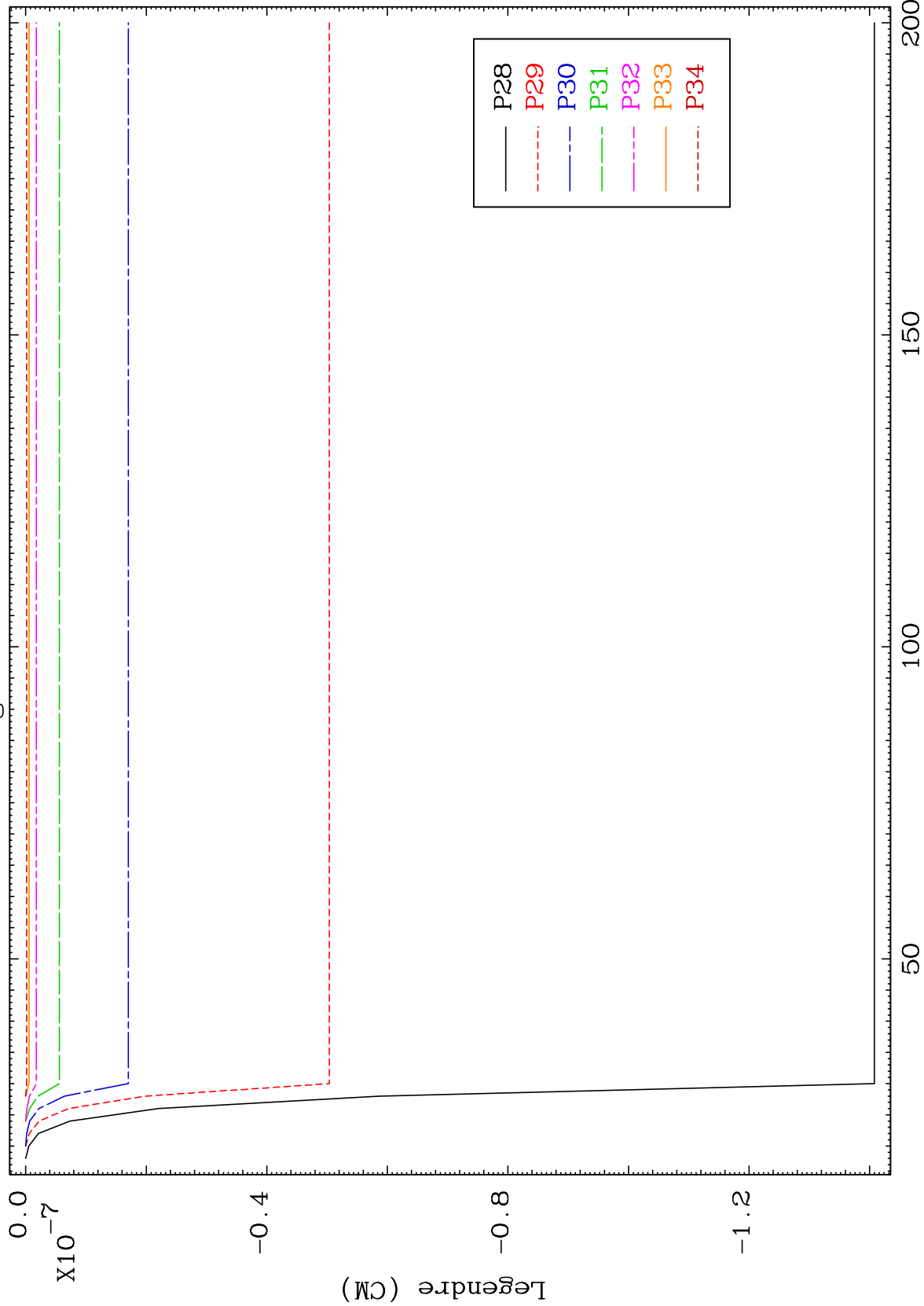
38-Sr-81

MAT 3816

MT= 54 (n,n') Level

38-Sr-81

Legendre Coefficients



33

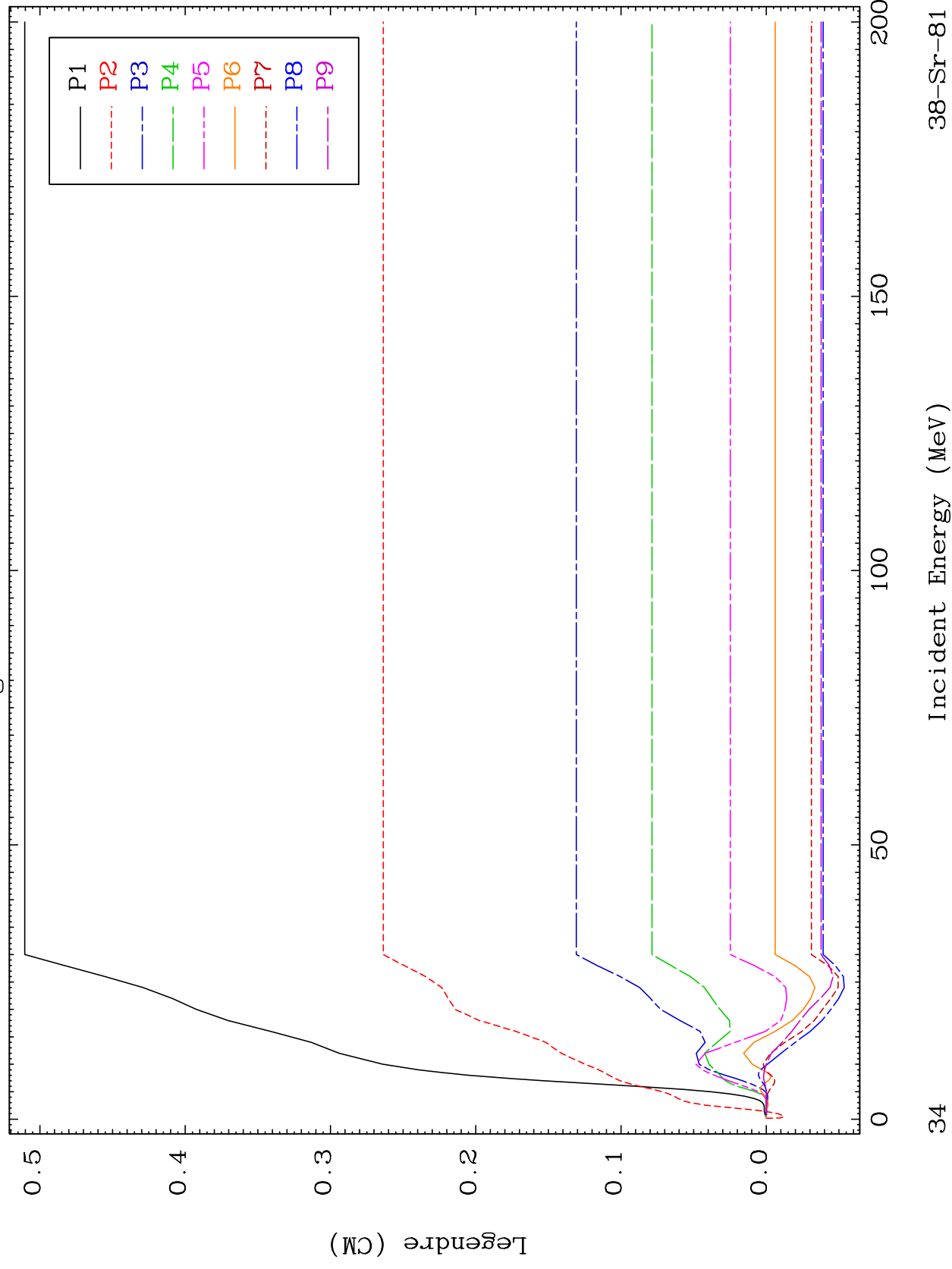
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



34

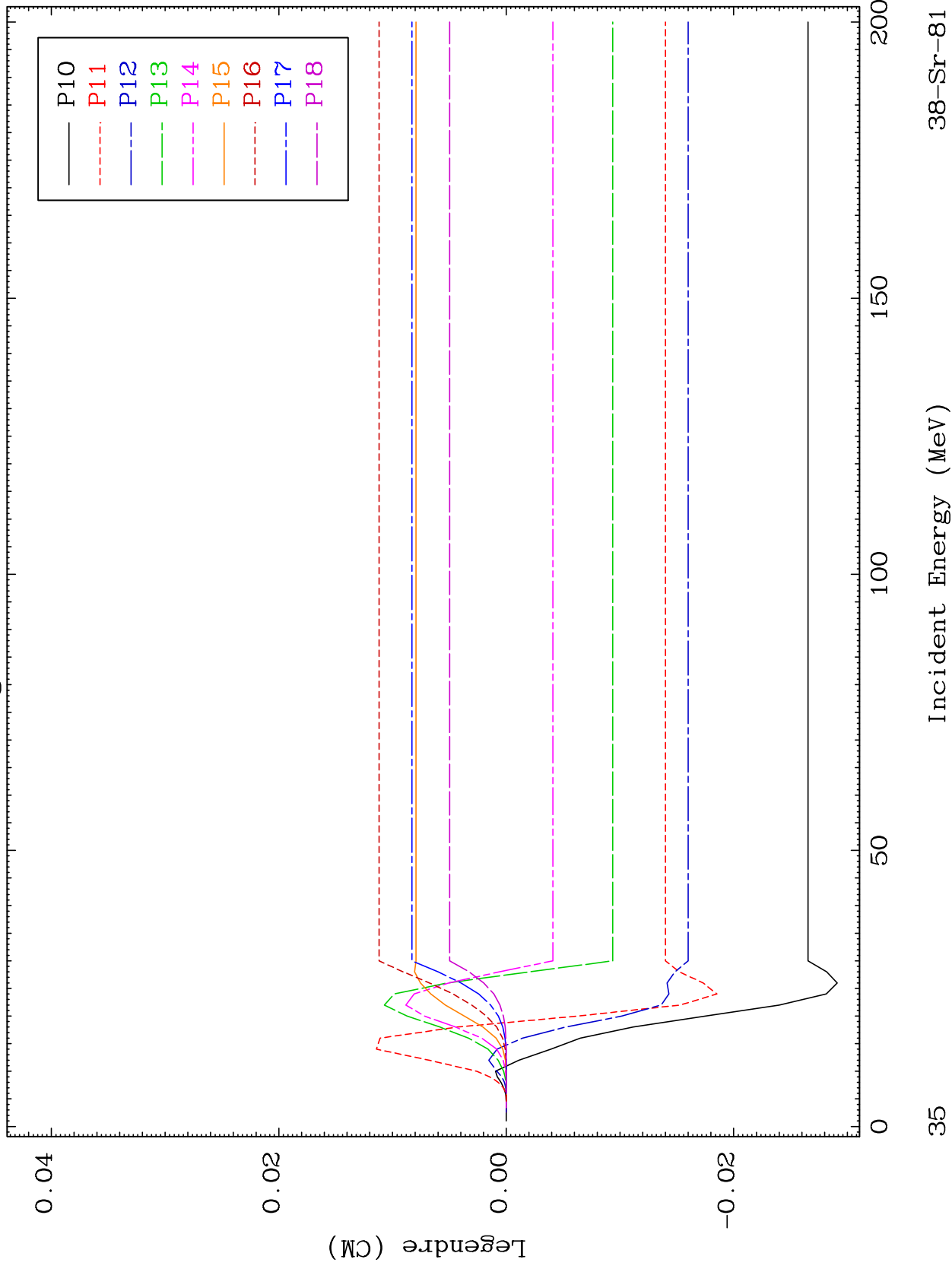
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

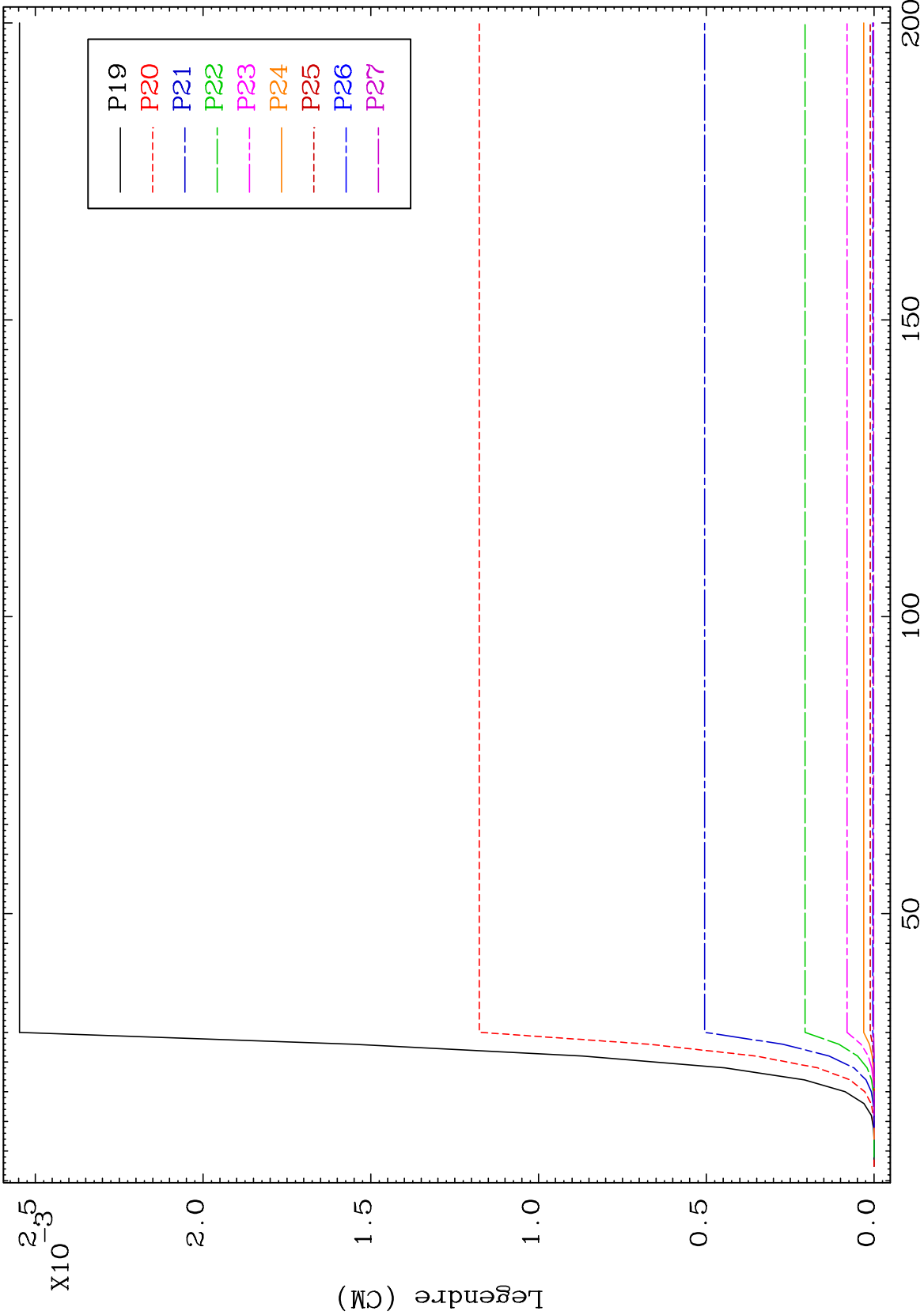
38-Sr-81



38-Sr-81

Incident Energy (MeV)

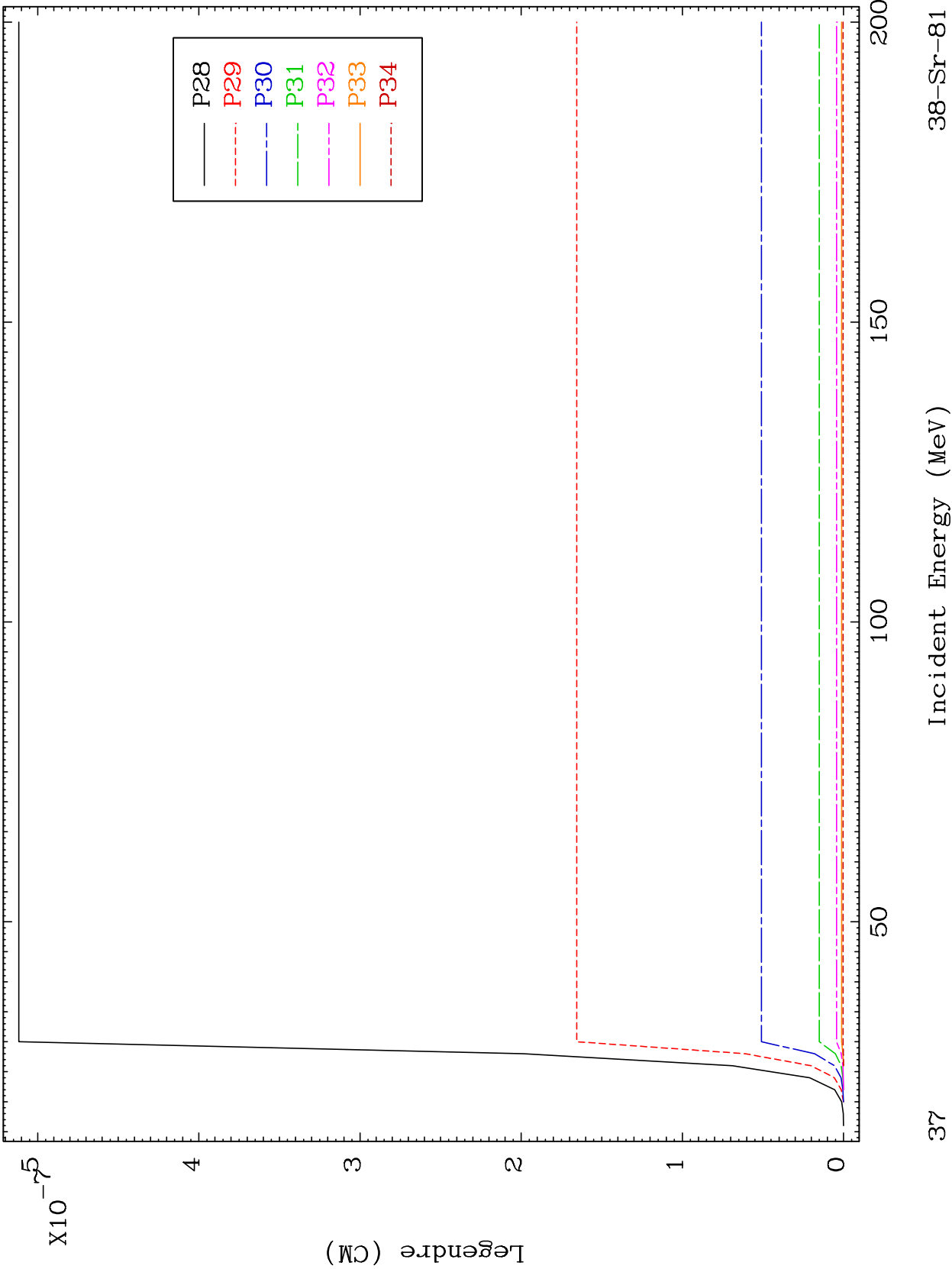
35



MAT 3816

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

38-Sr-81



37

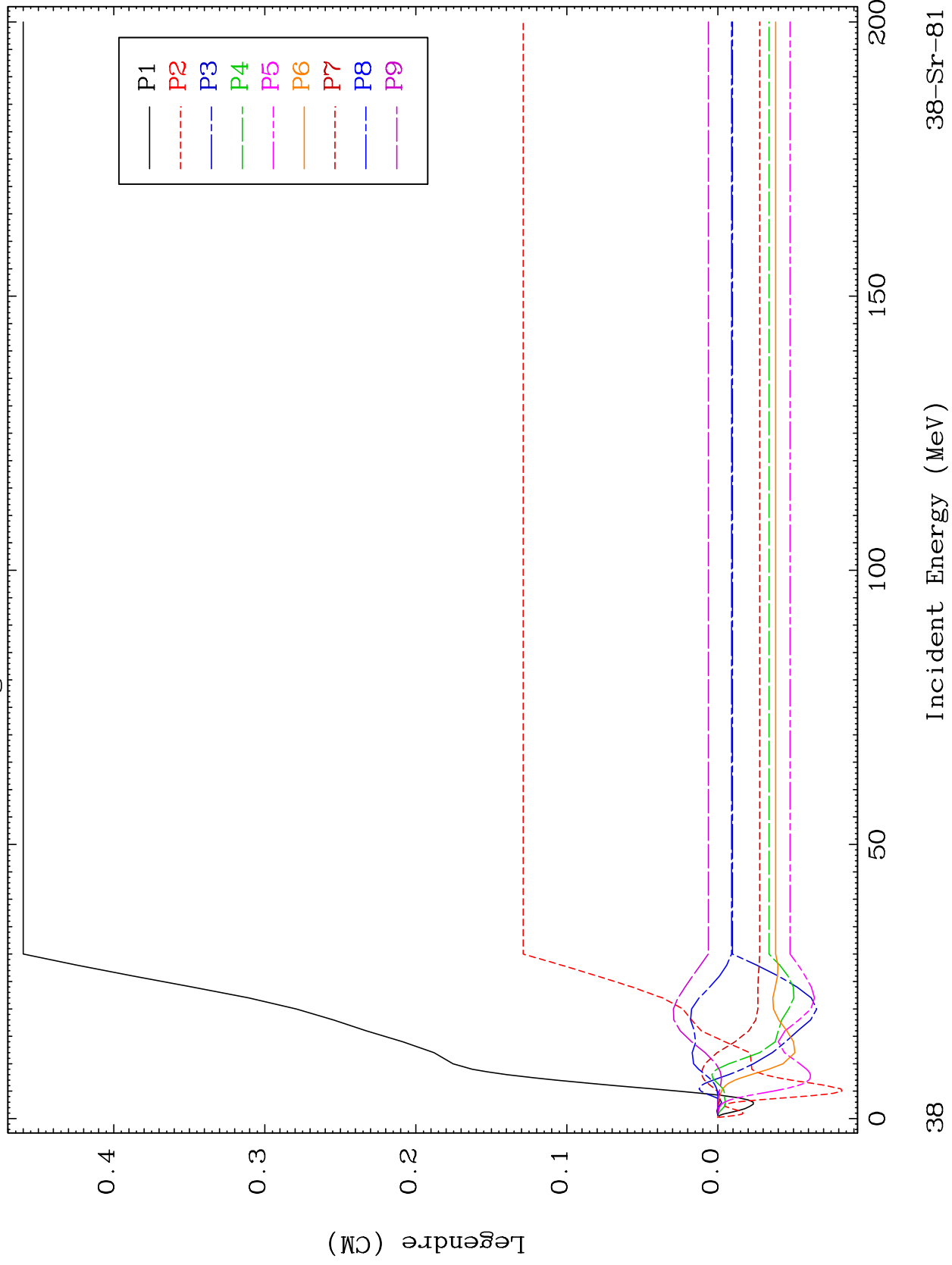
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

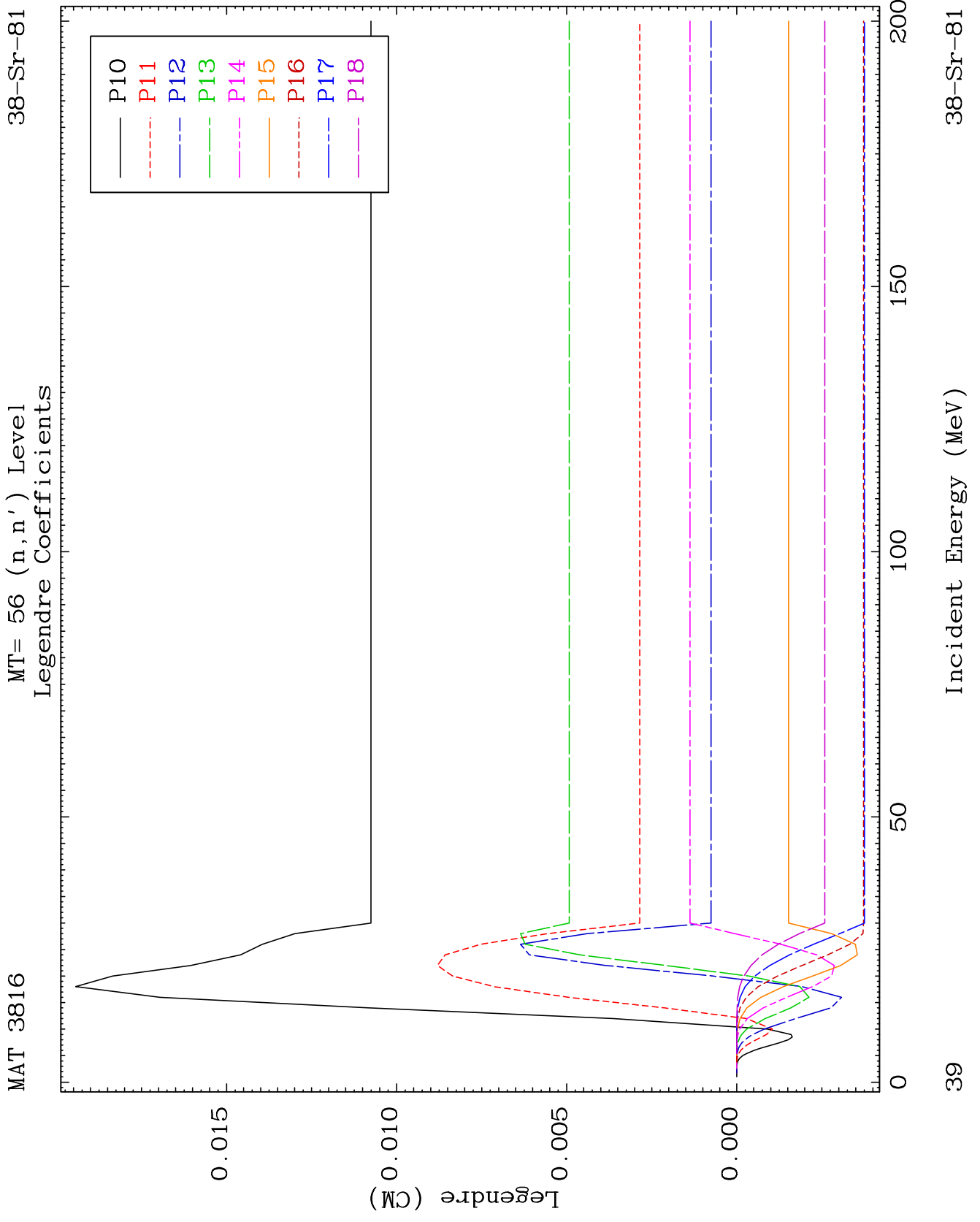
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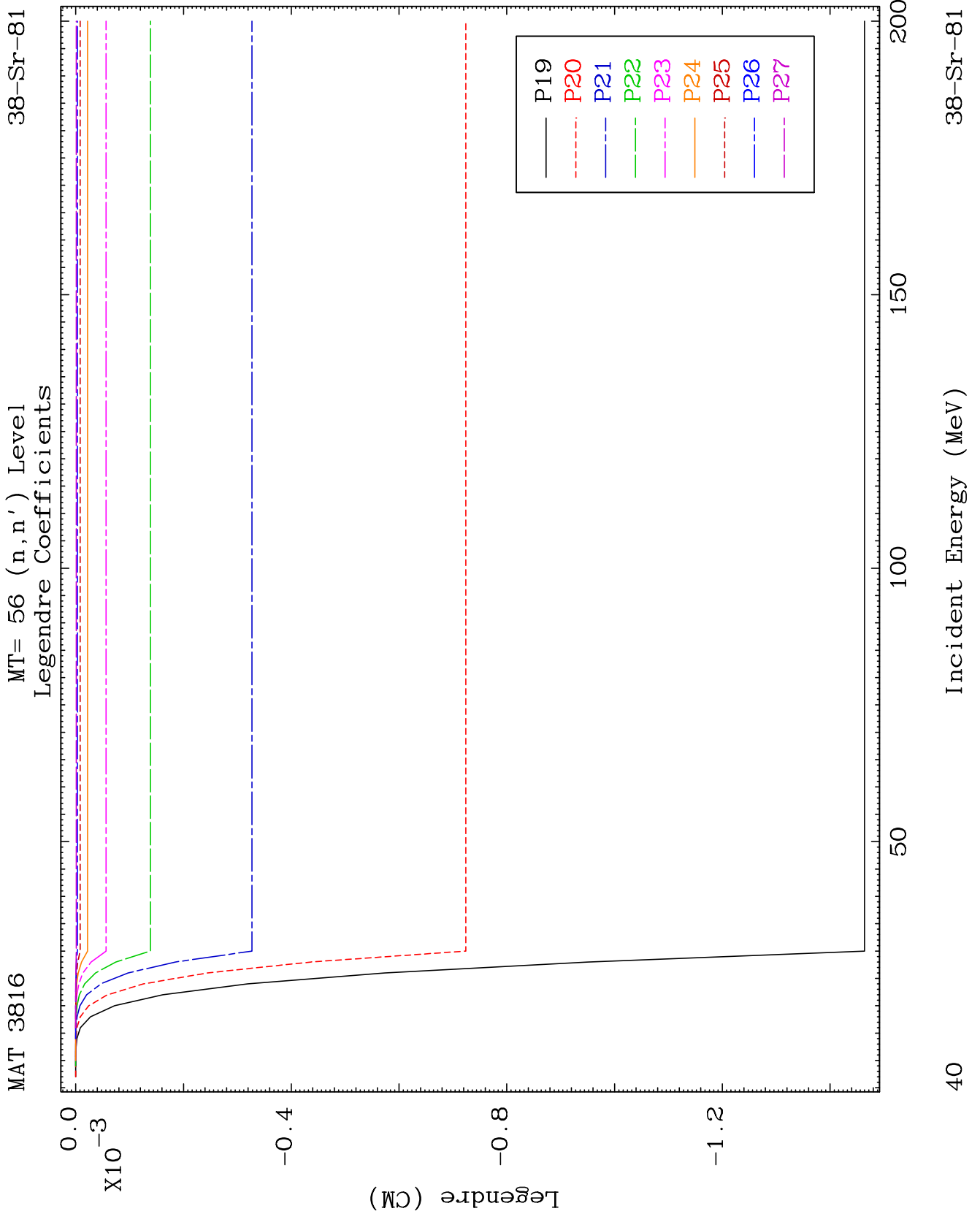
38-Sr-81

Incident Energy (MeV)

38



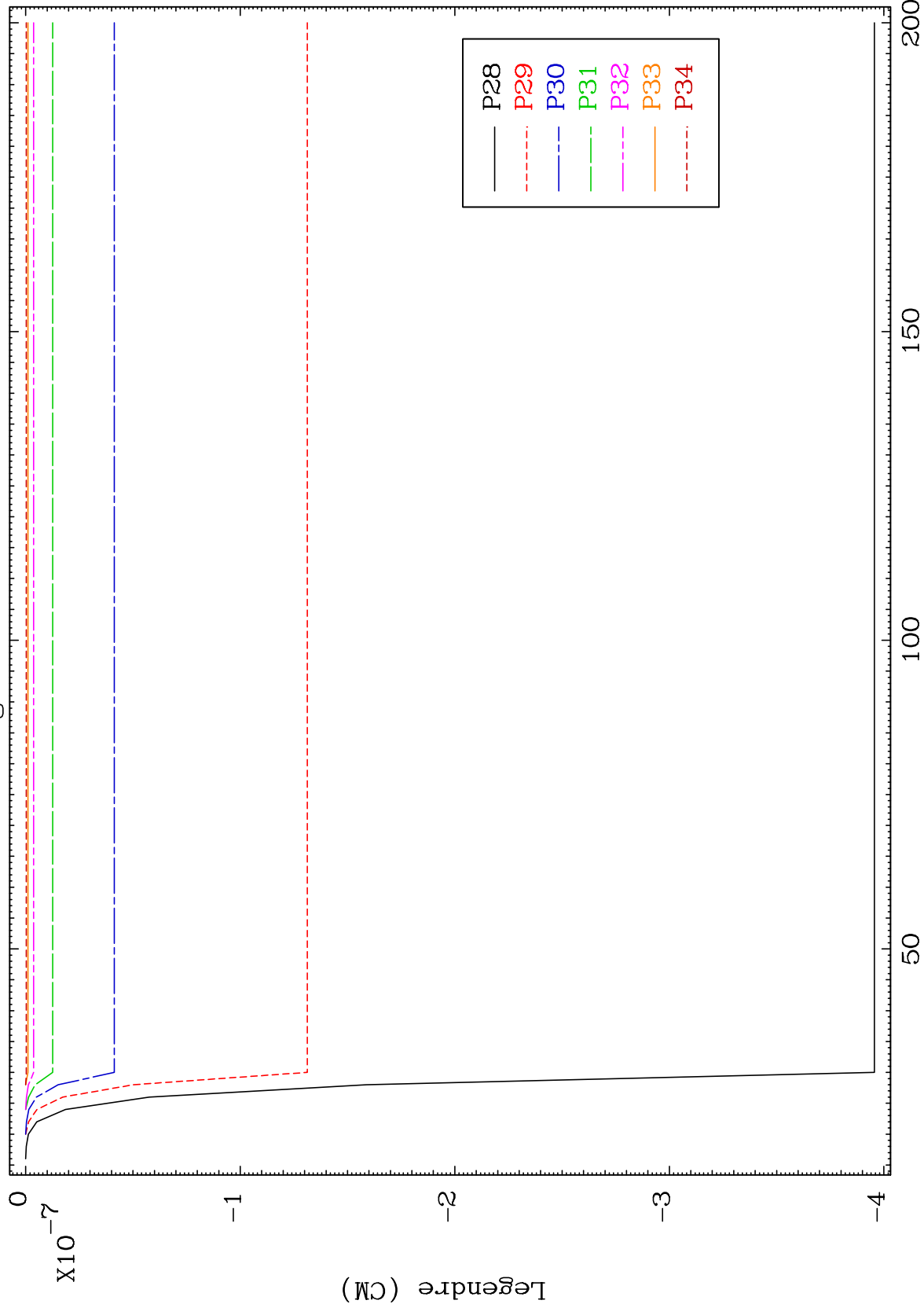




MAT 3816

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

38-Sr-81



41

Incident Energy (MeV)

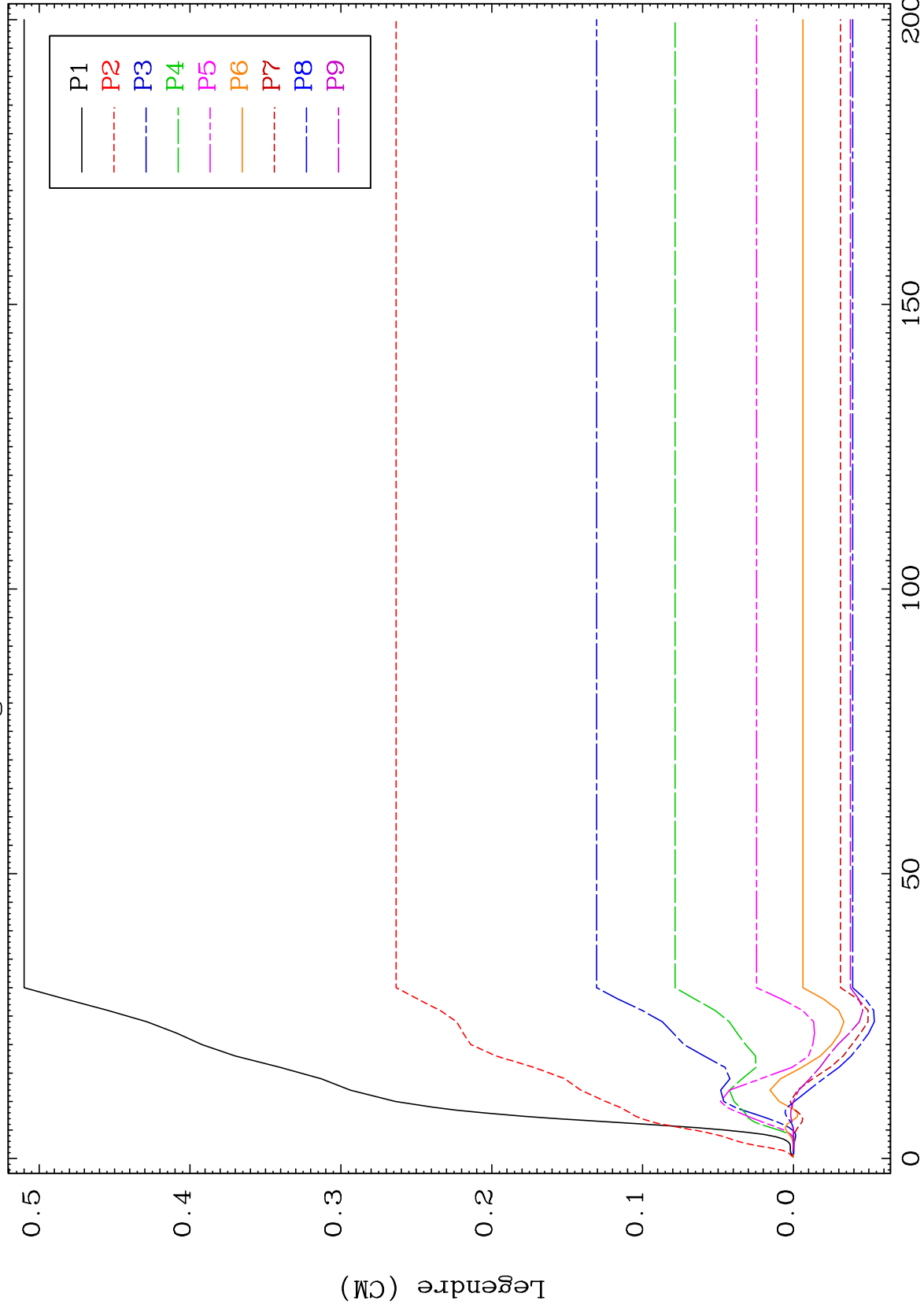
38-Sr-81

MAT 3816

MT= 57 (n,n') Level

38-Sr-81

Legendre Coefficients



42

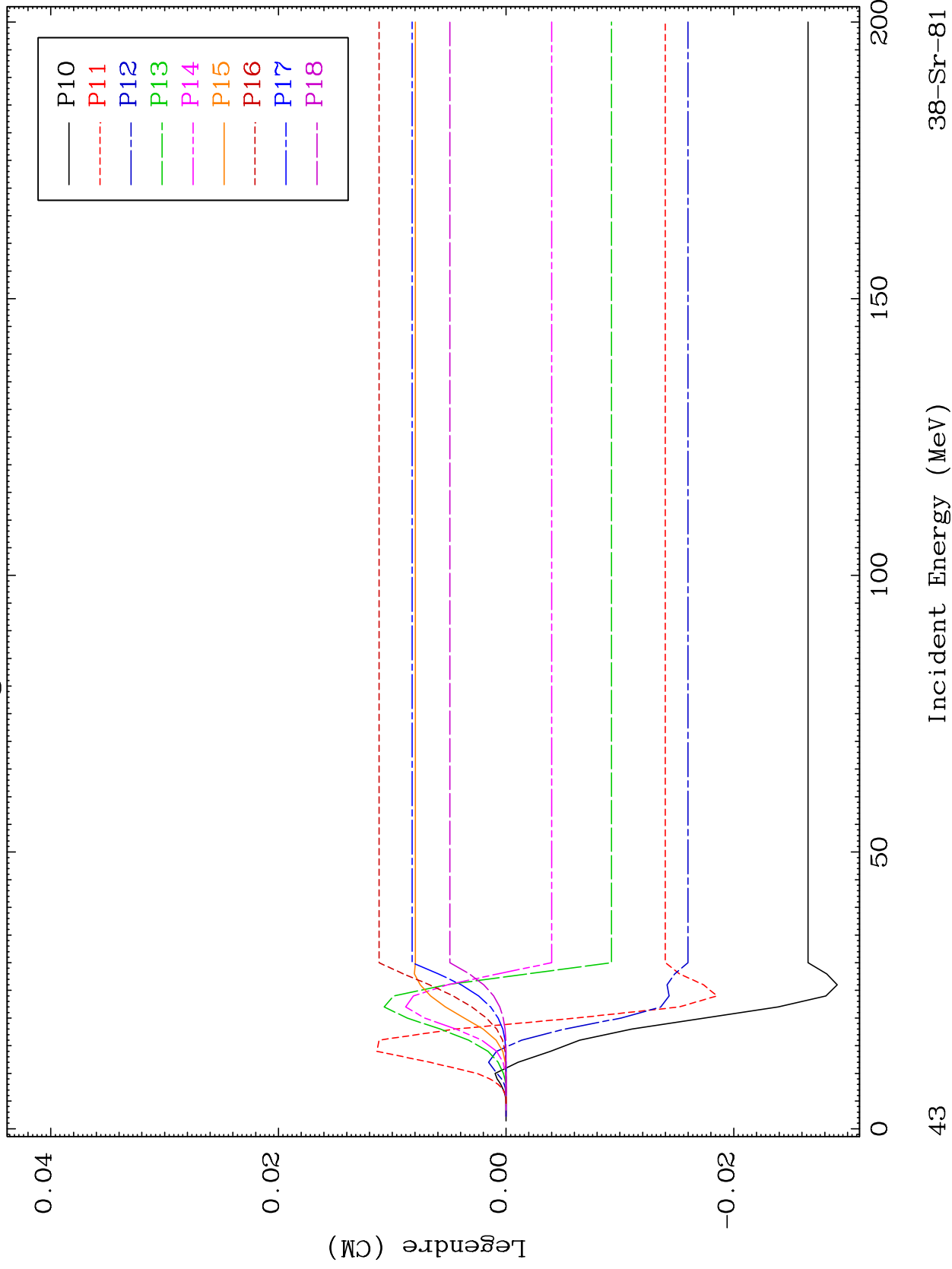
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



38-Sr-81

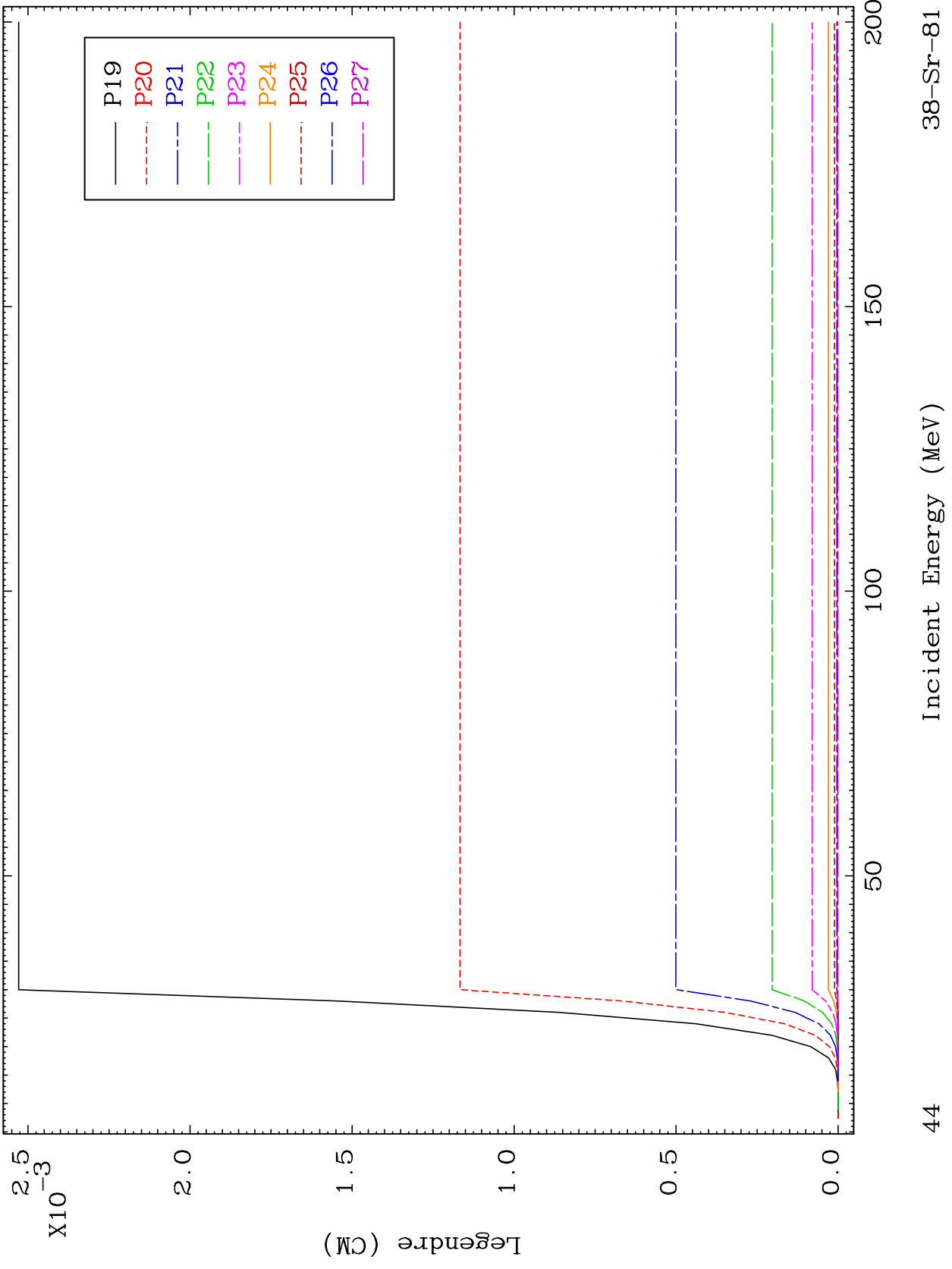
Incident Energy (MeV)

43

MAT 3816

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

38-Sr-81



44

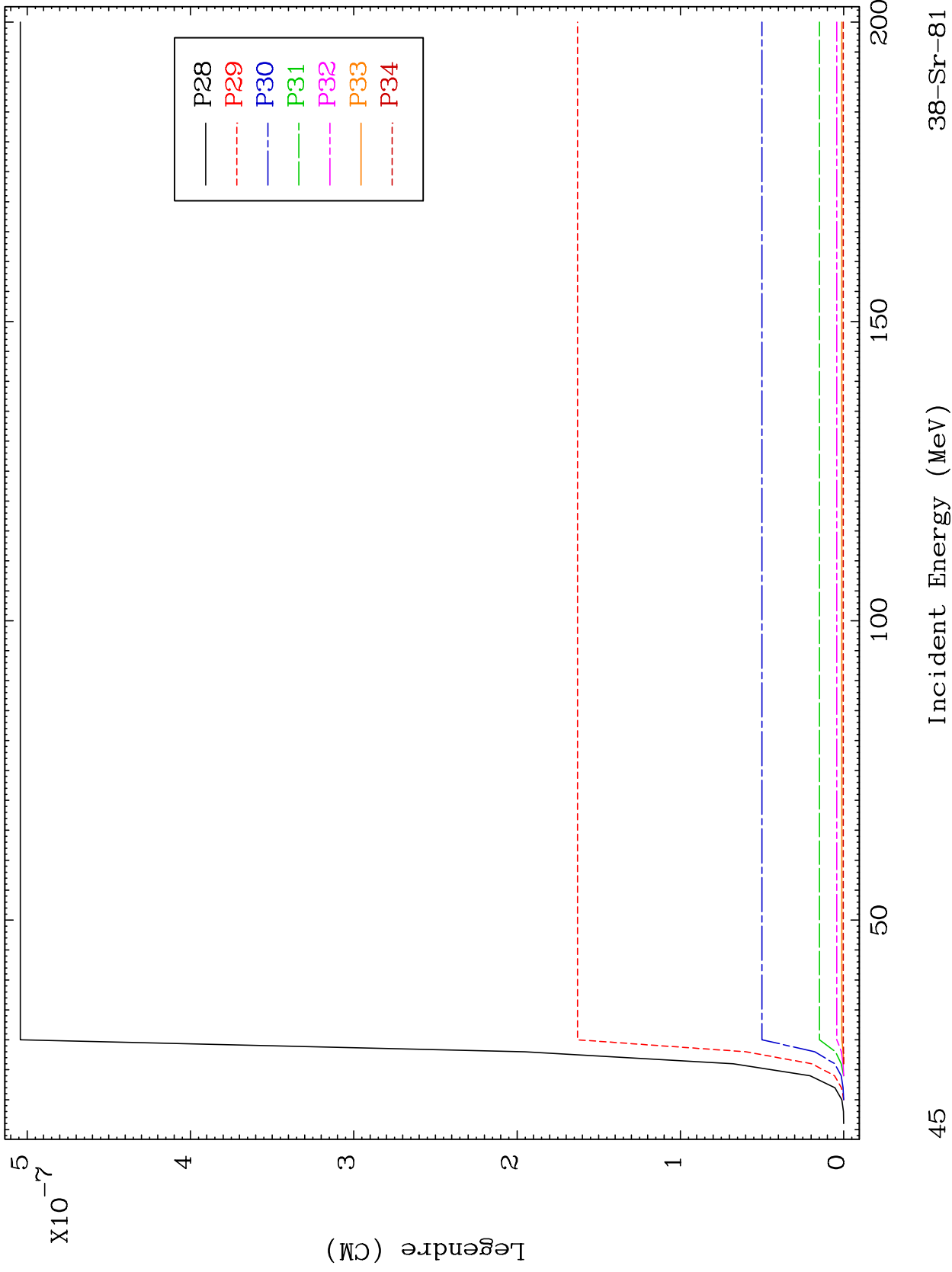
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

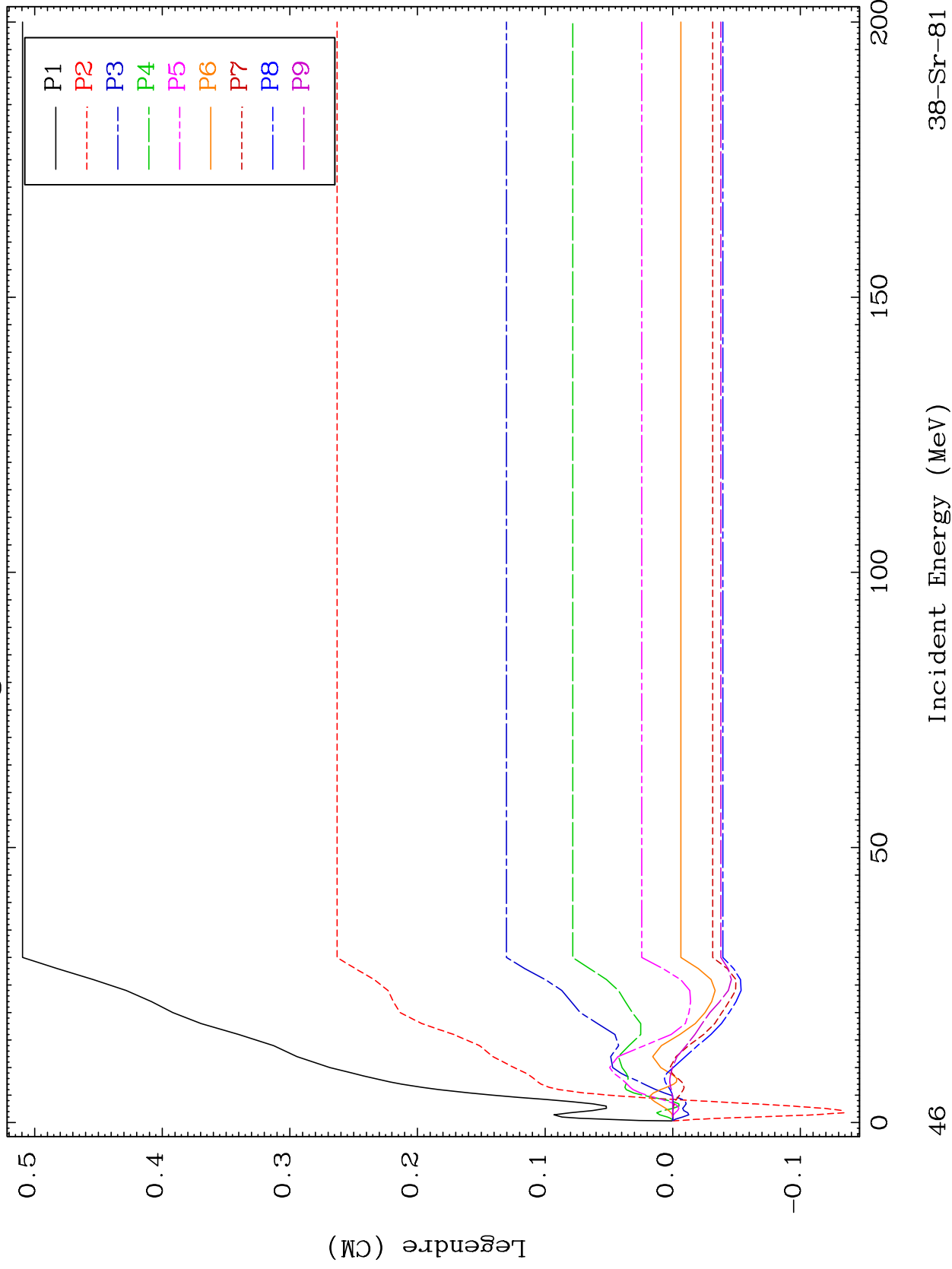
38-Sr-81



MAT 3816

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

38-Sr-81



46

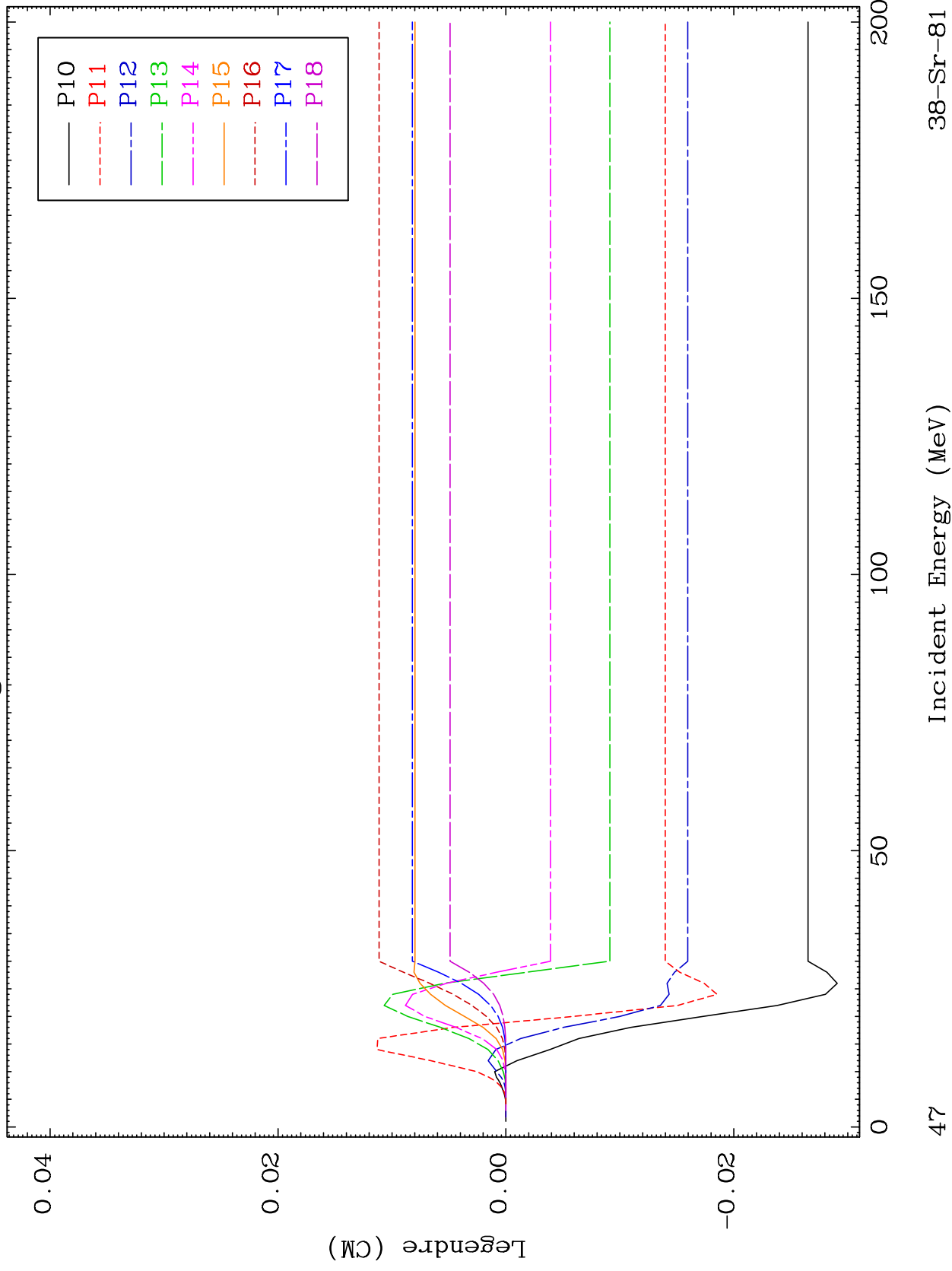
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



47

Incident Energy (MeV)

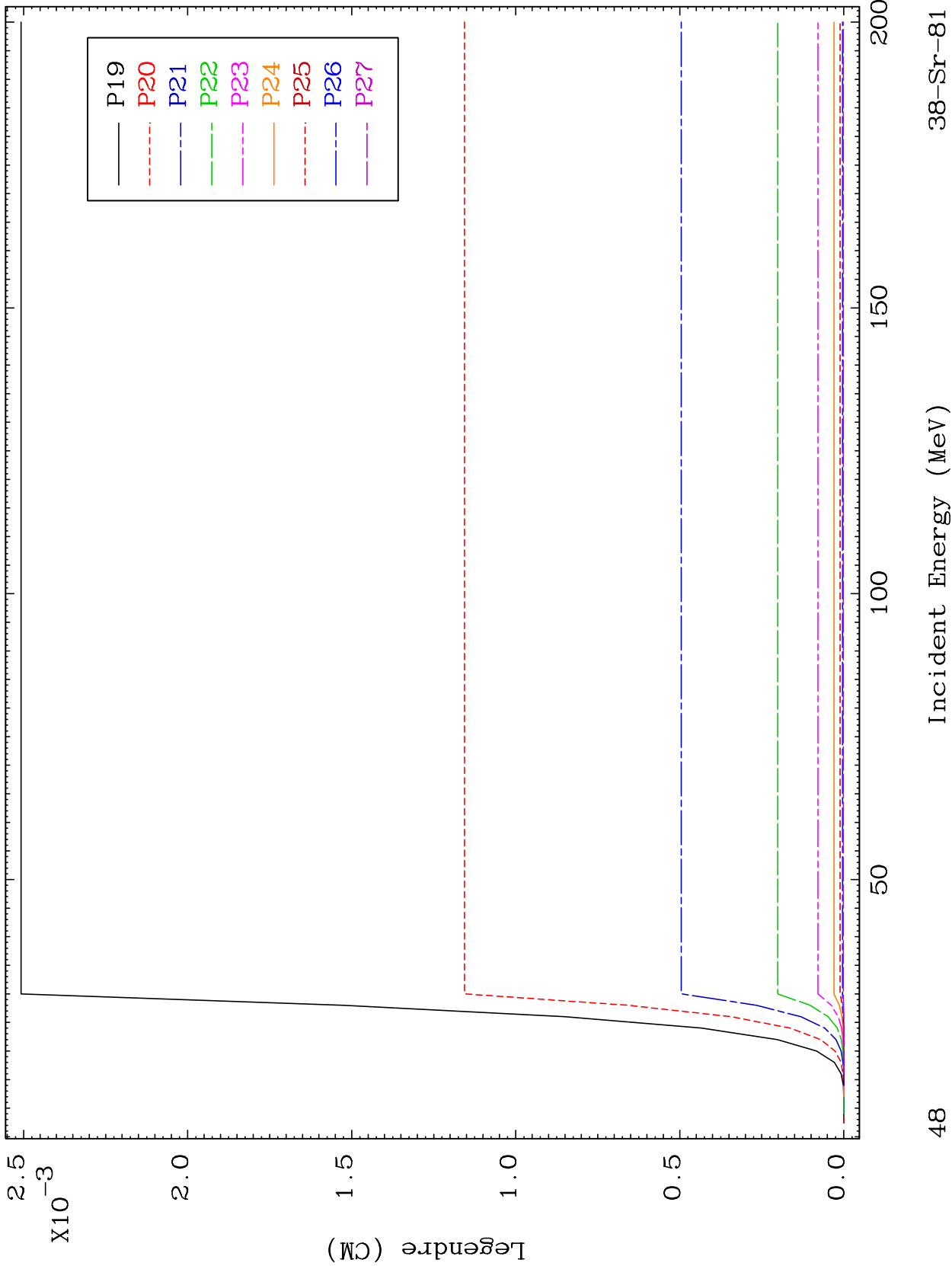
38-Sr-81



MAT 3816

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

38-Sr-81



48

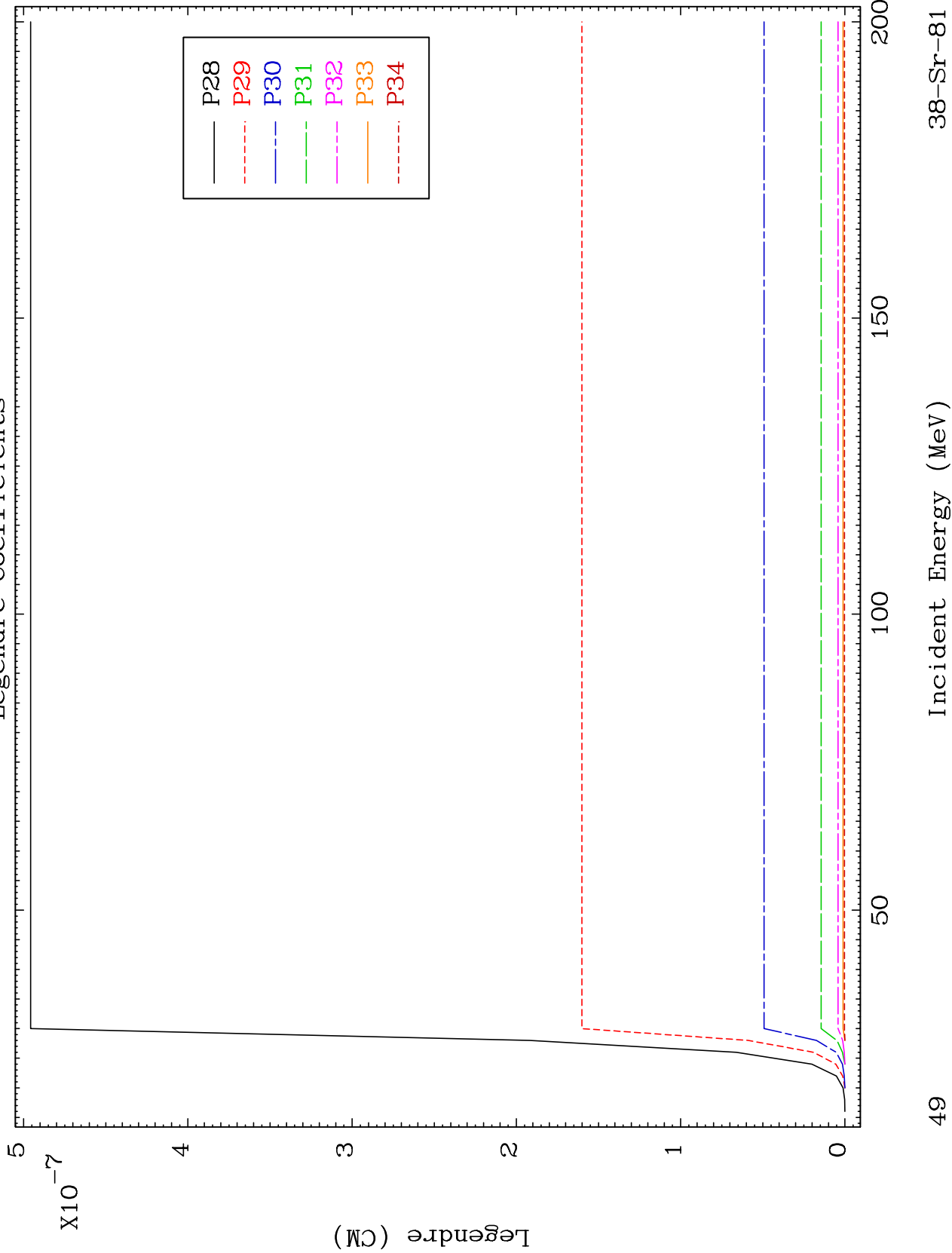
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

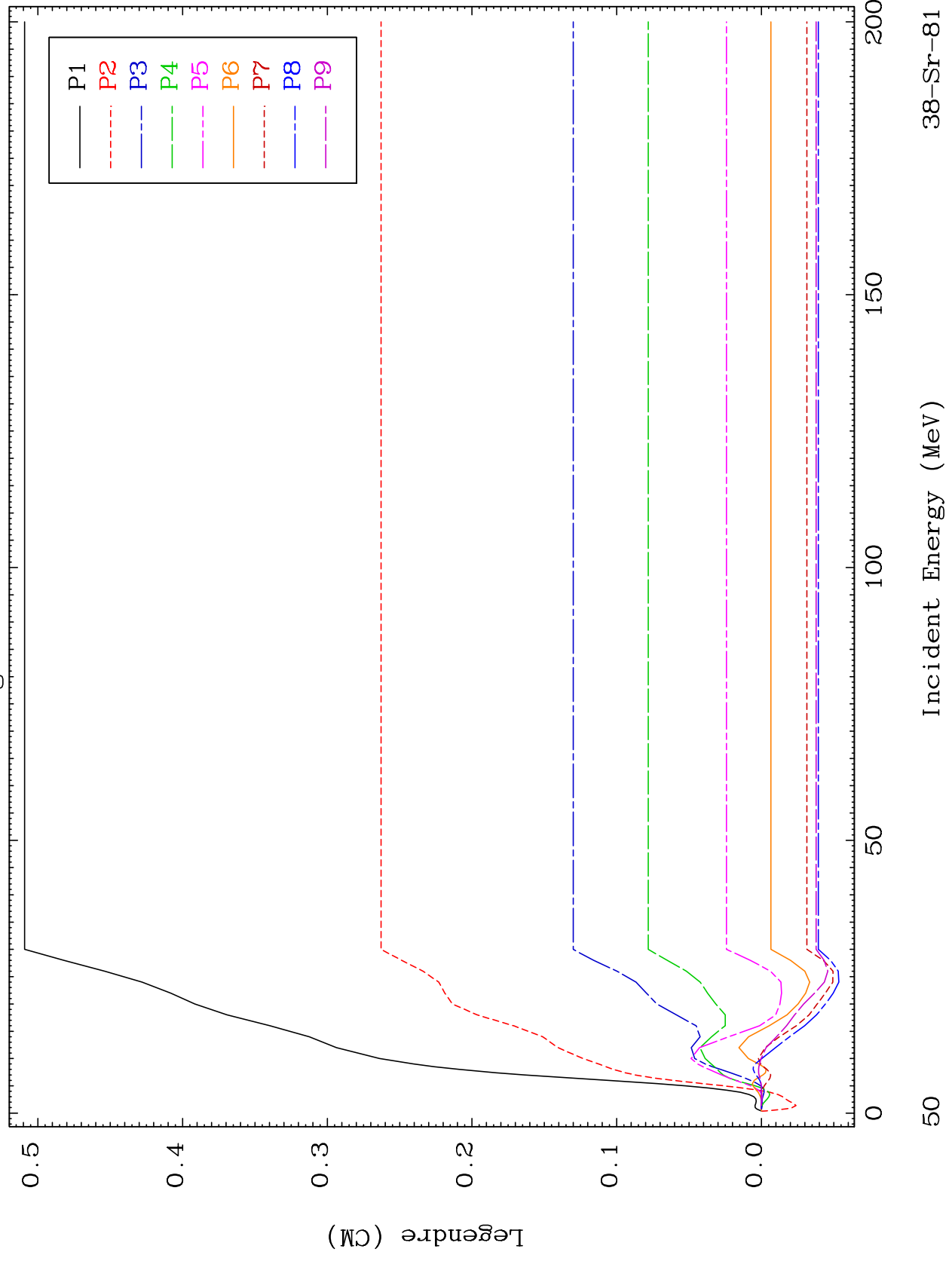
38-Sr-81



MAT 3816

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

38-Sr-81



38-Sr-81

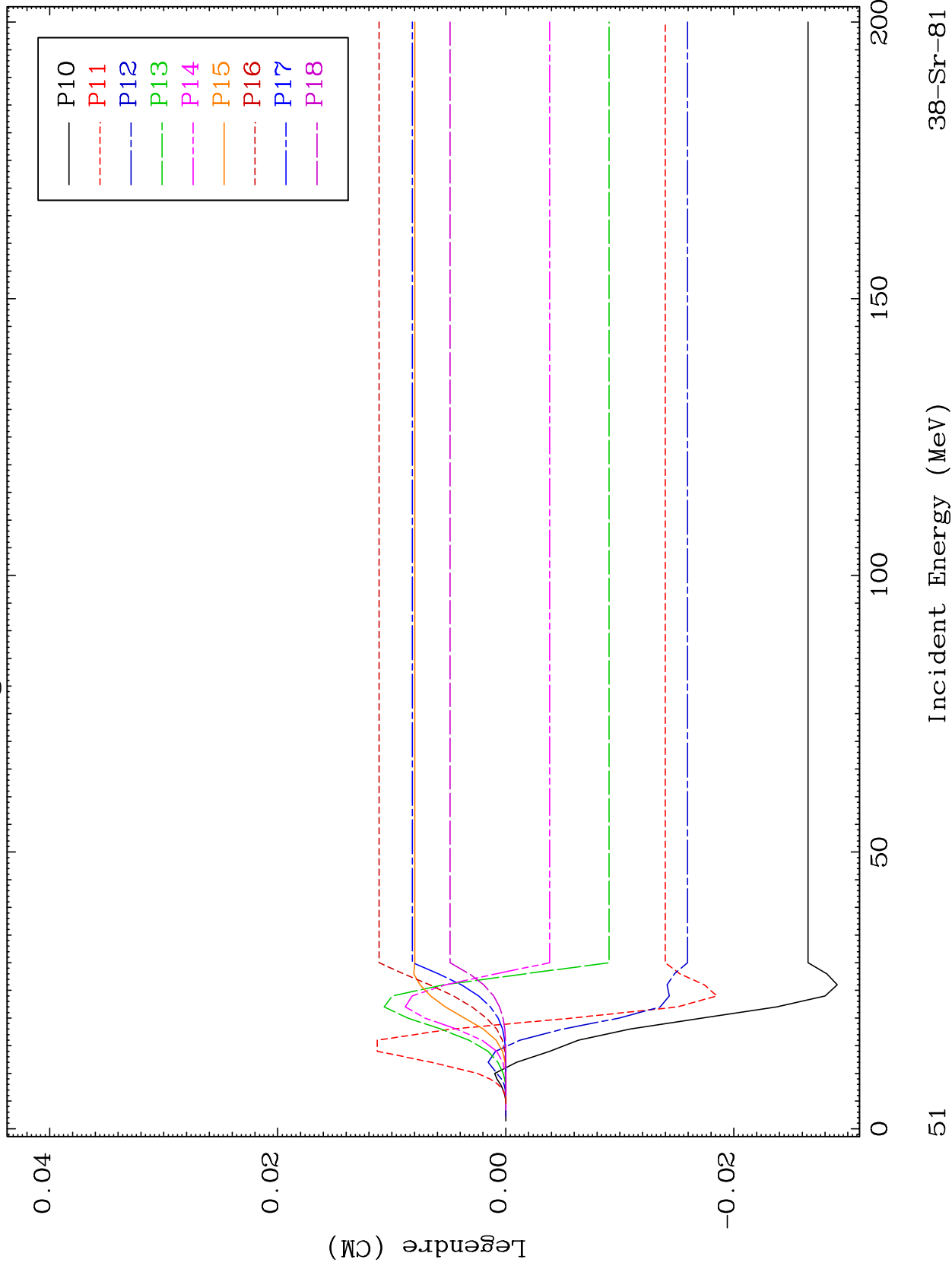
Incident Energy (MeV)

50

MAT 3816

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

38-Sr-81



51

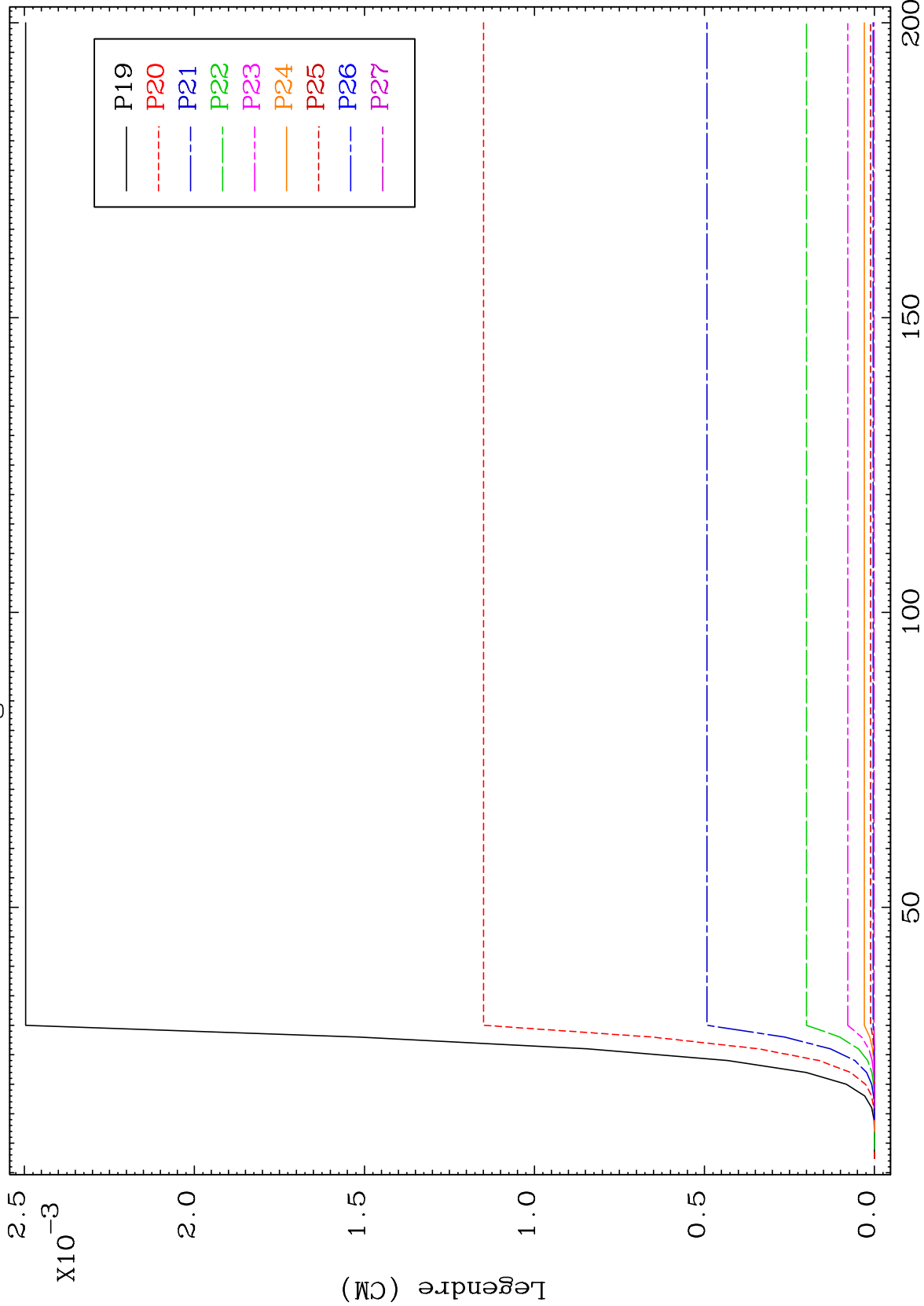
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



52

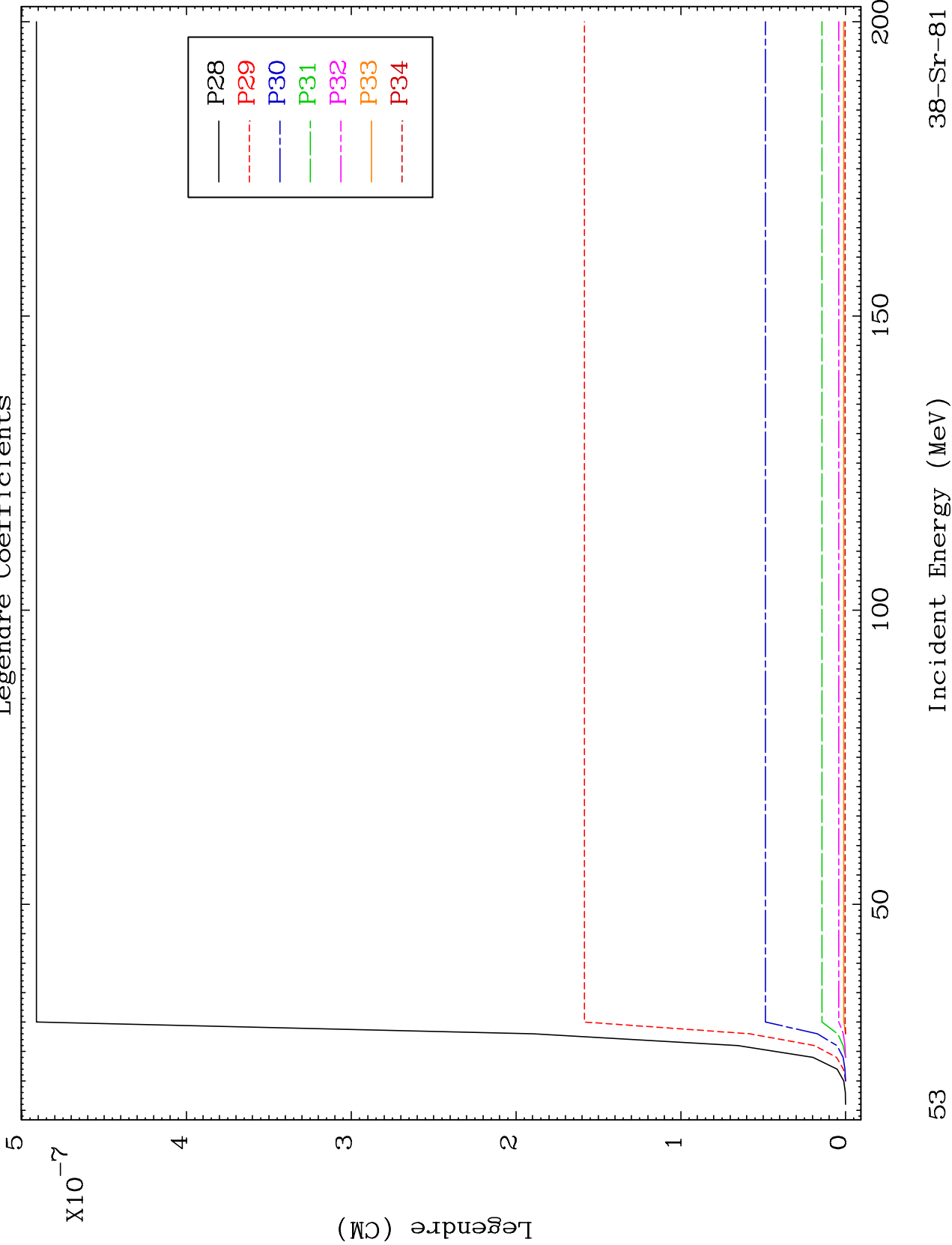
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

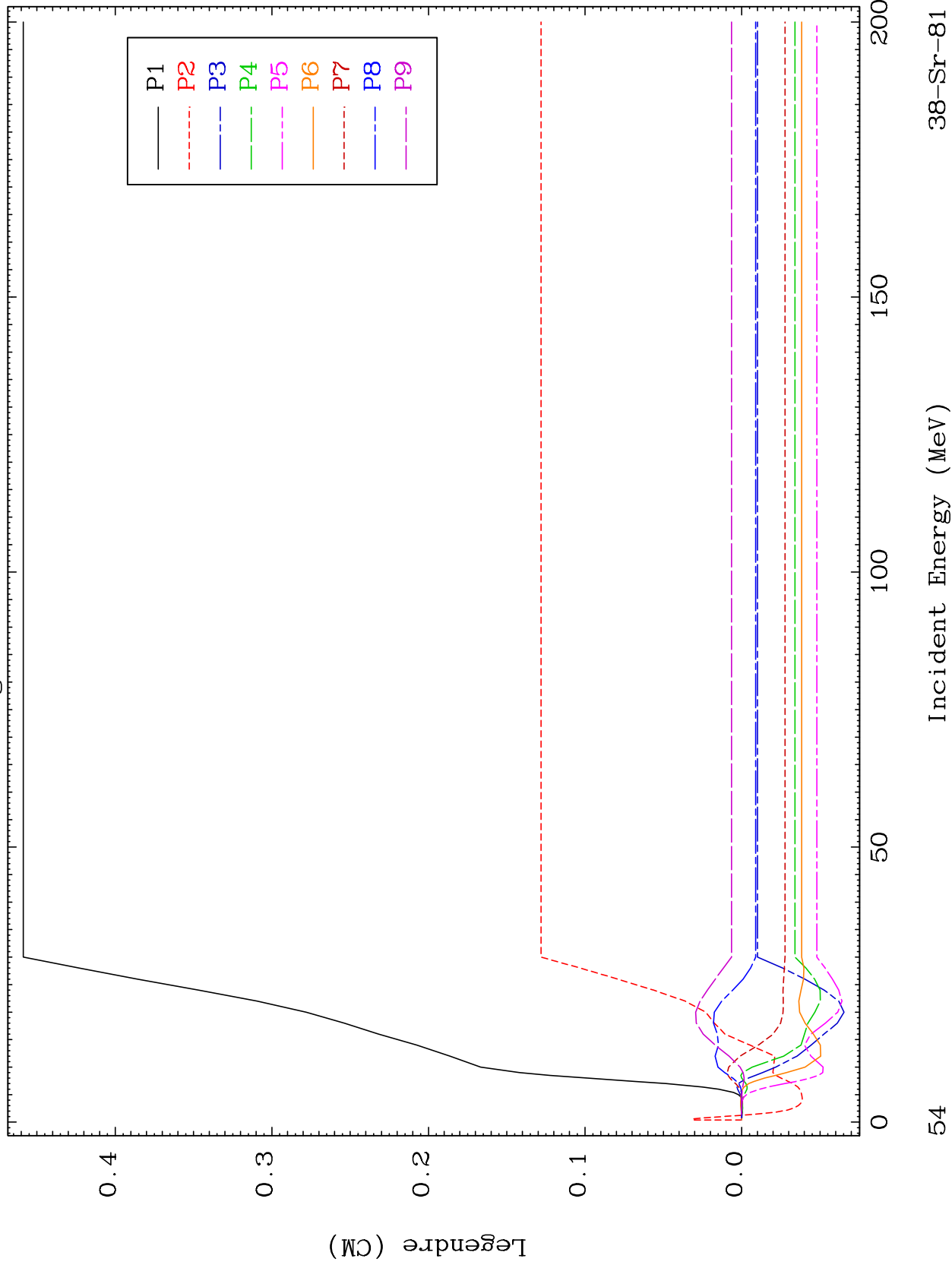
38-Sr-81



MAT 3816

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

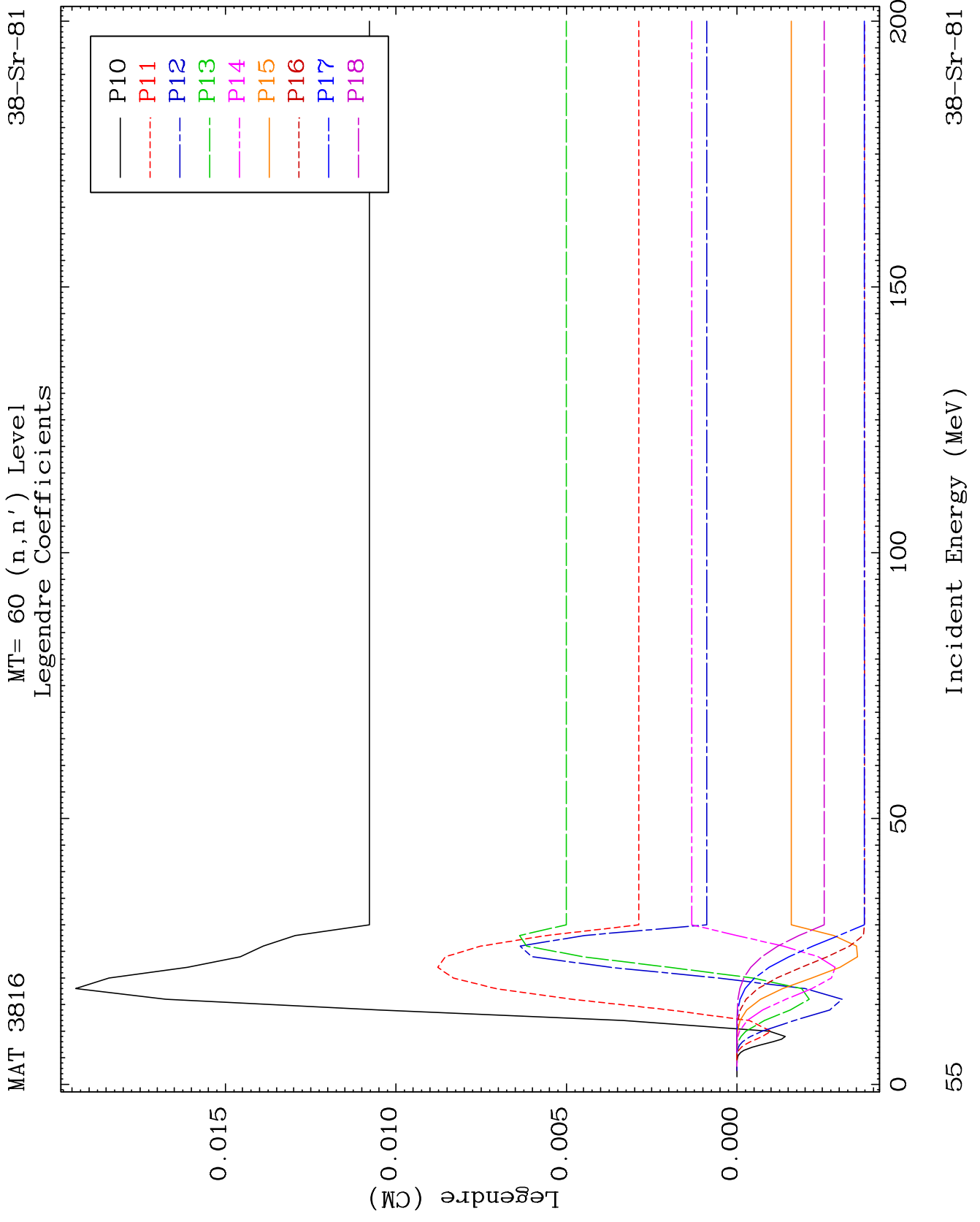
38-Sr-81



54

Incident Energy (MeV)

38-Sr-81



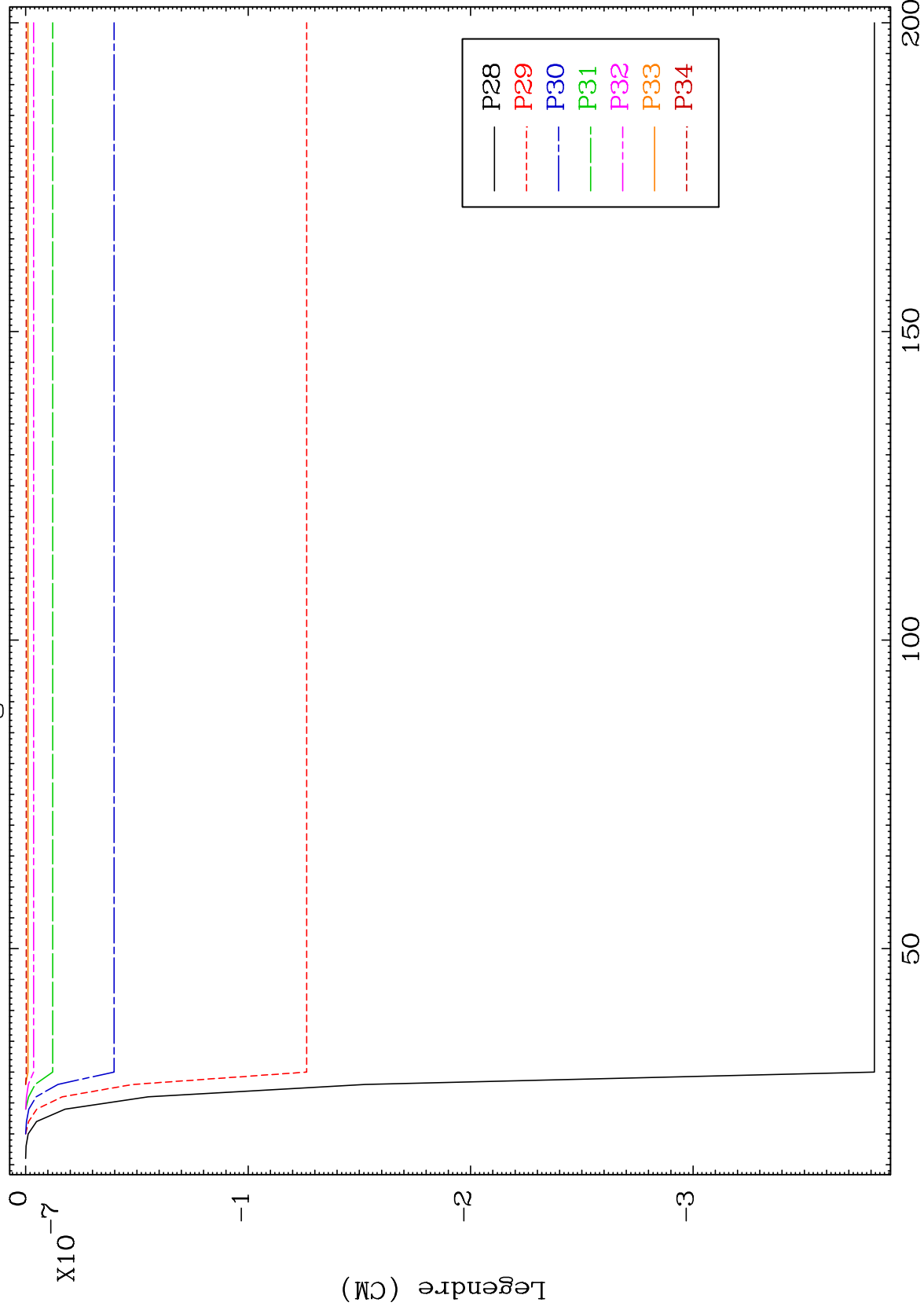




MAT 3816

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

38-Sr-81



57

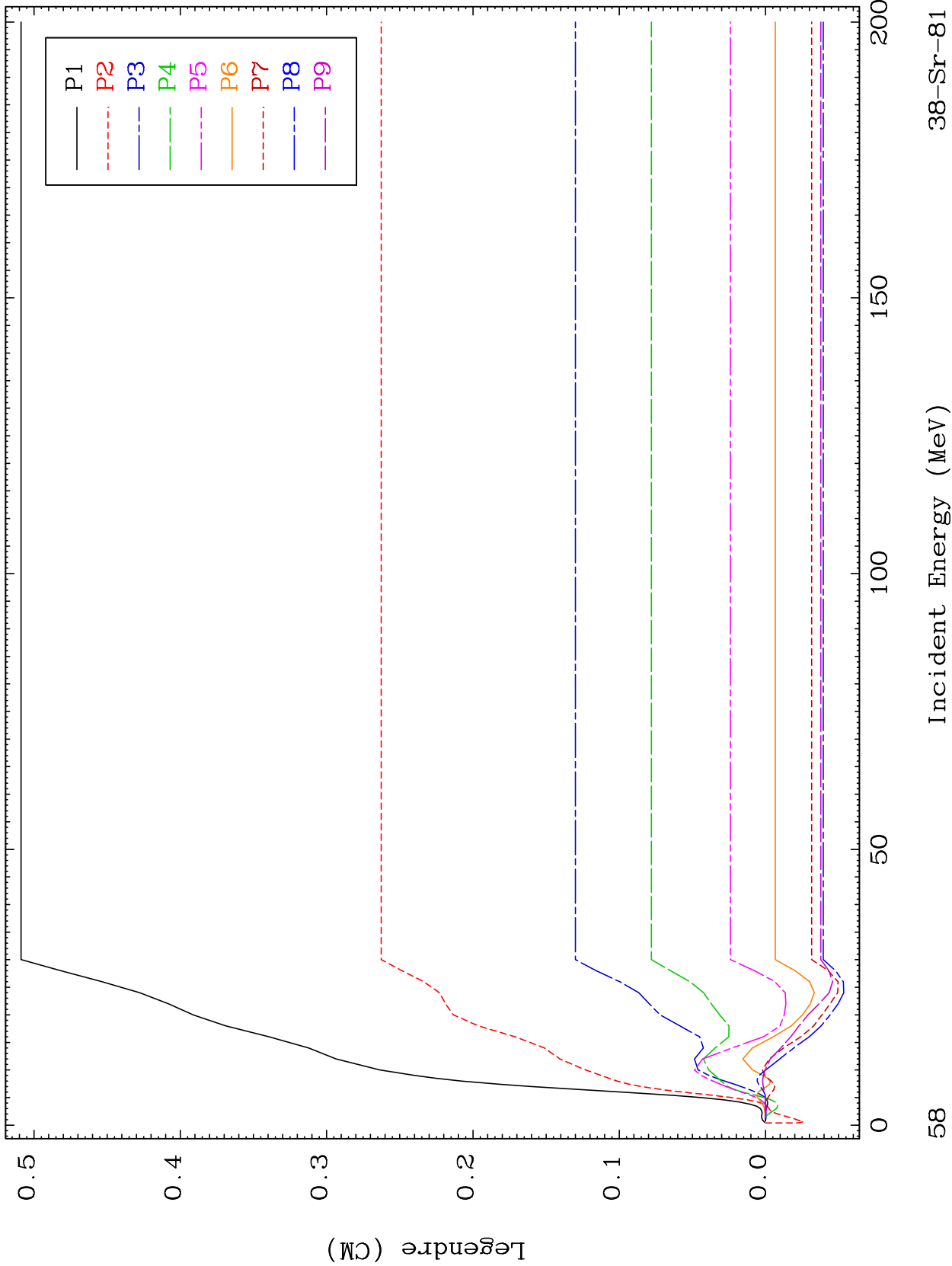
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



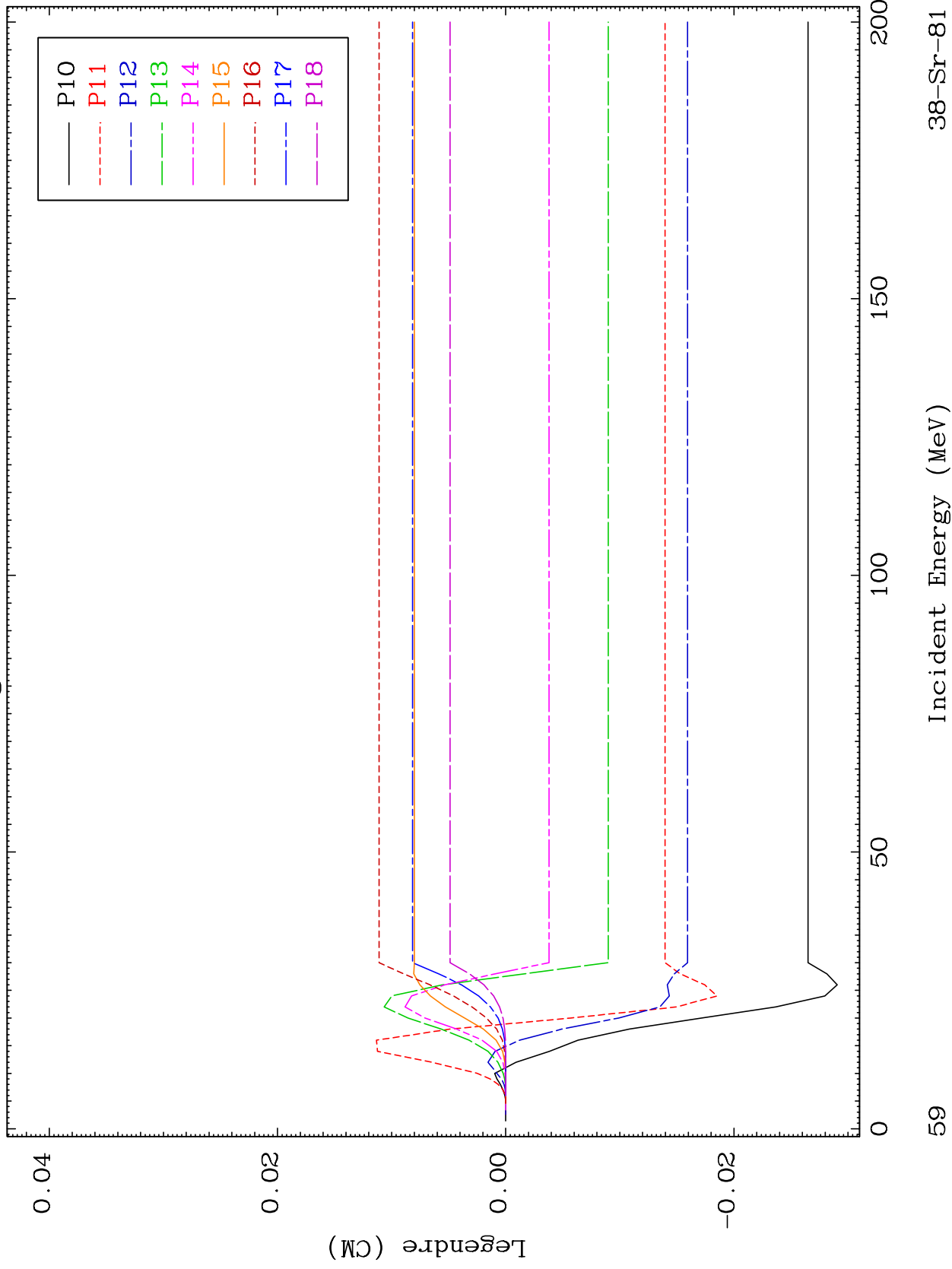
58

38-Sr-81

MAT 3816

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

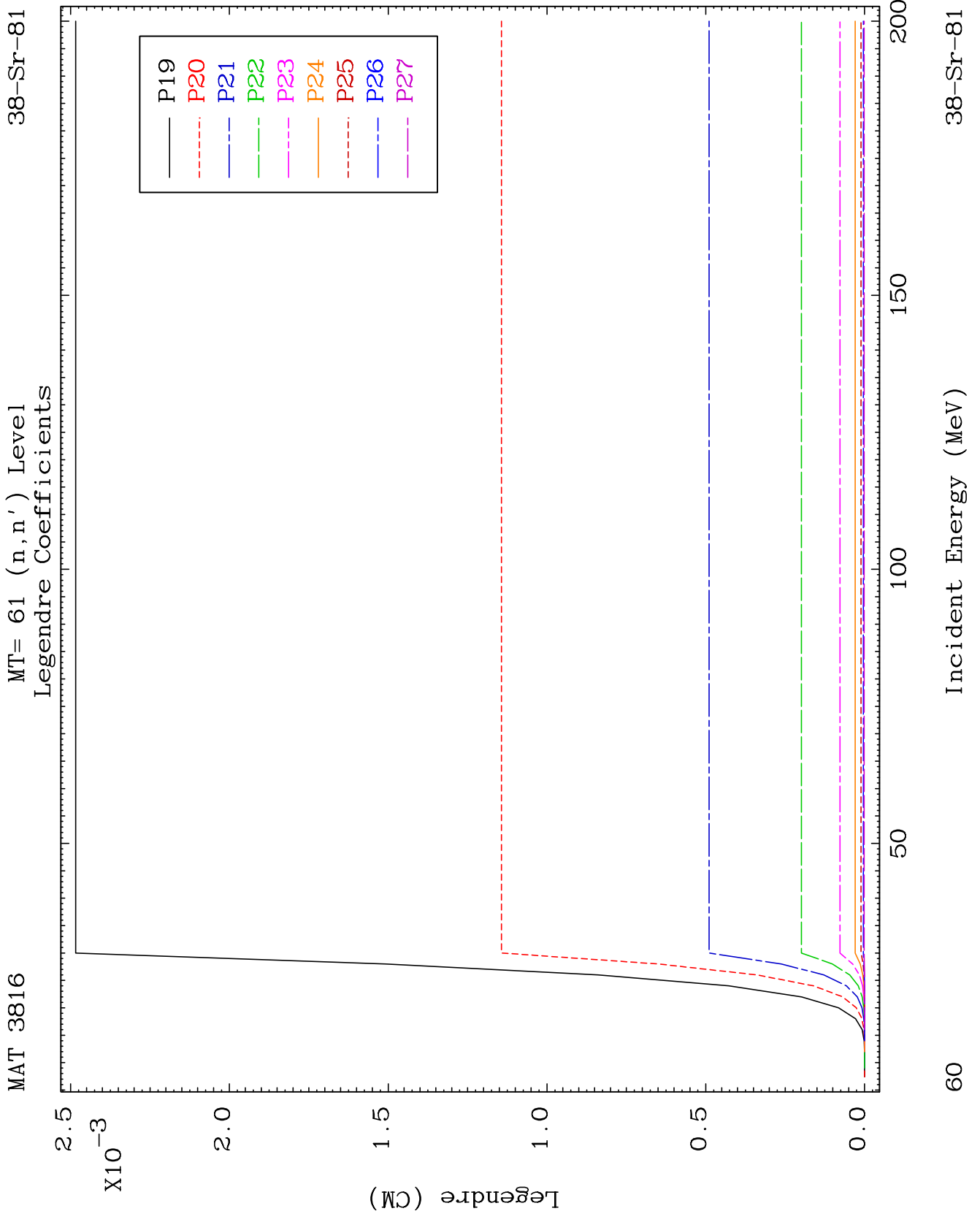
38-Sr-81



59

Incident Energy (MeV)

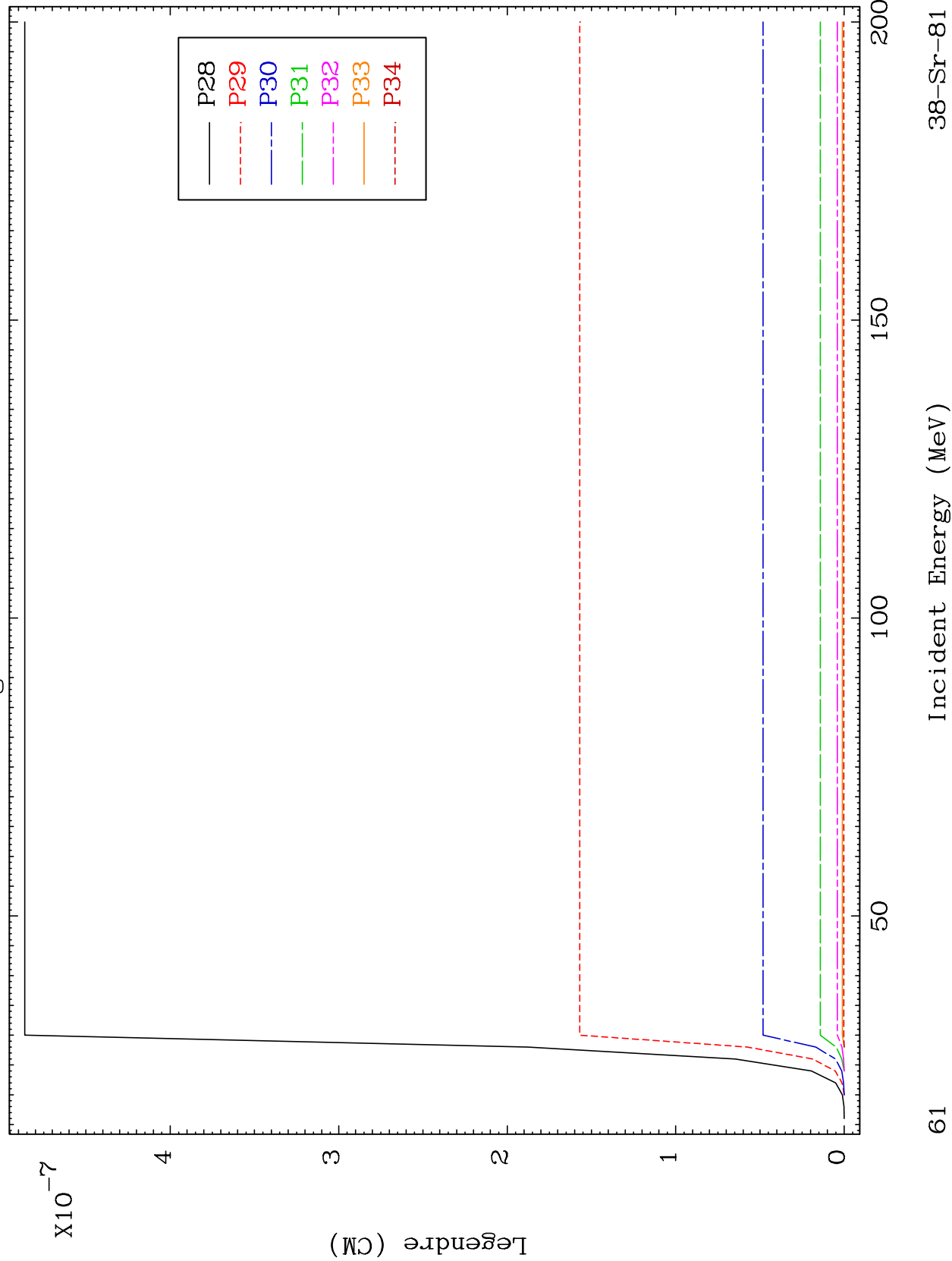
38-Sr-81



MAT 3816

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

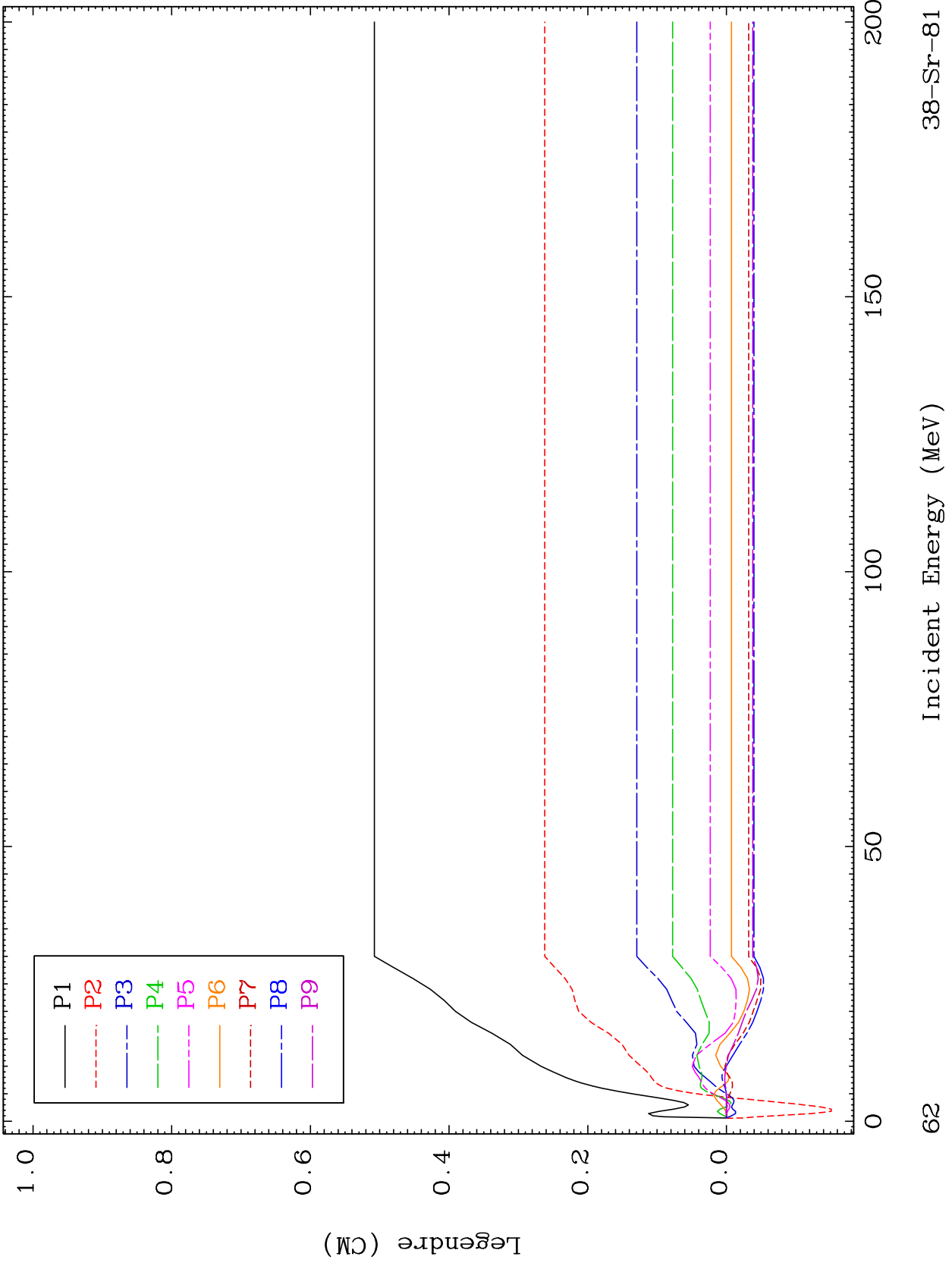
38-Sr-81



MAT 3816

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

38-Sr-81



62

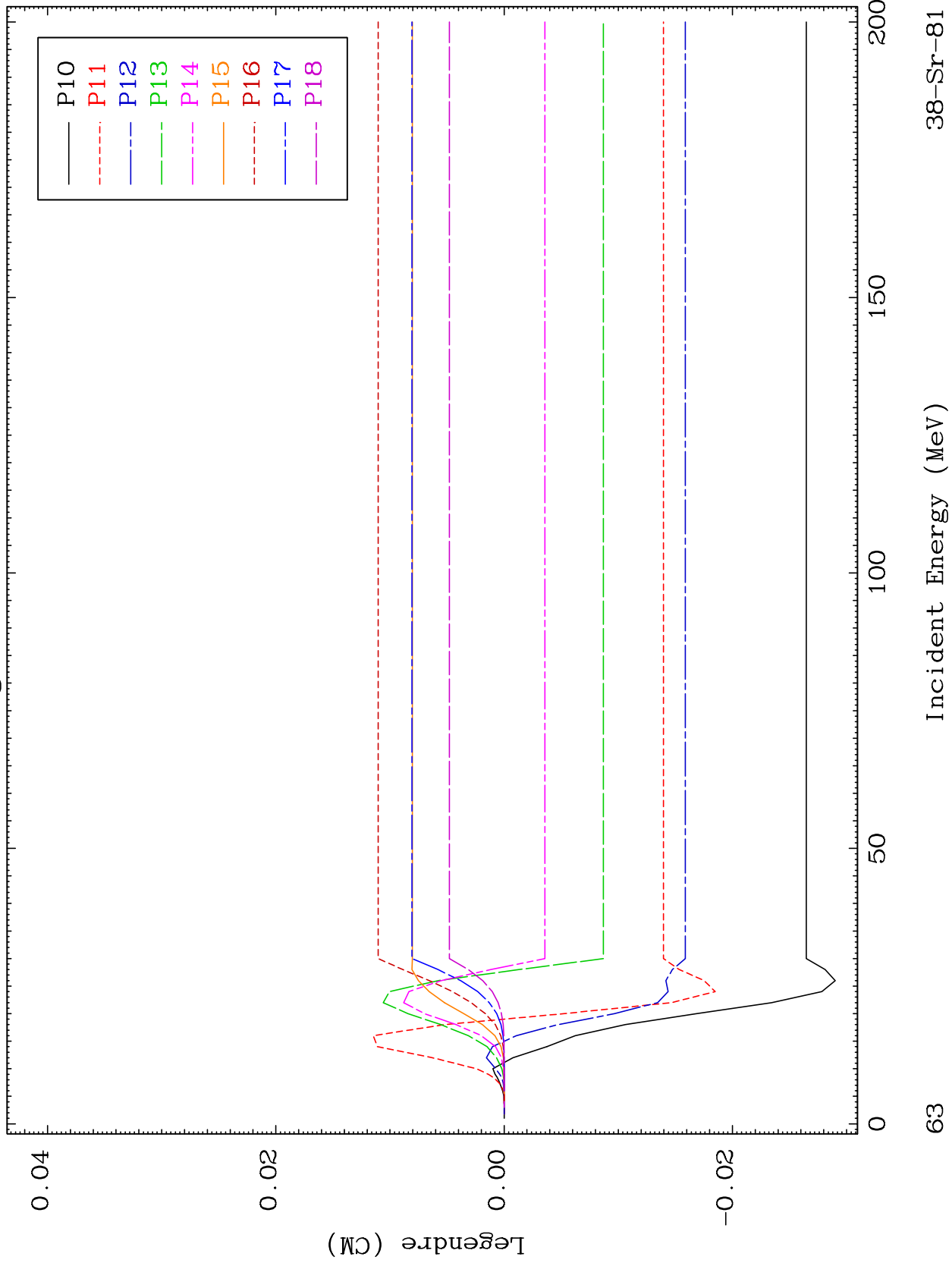
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



63

Incident Energy (MeV)

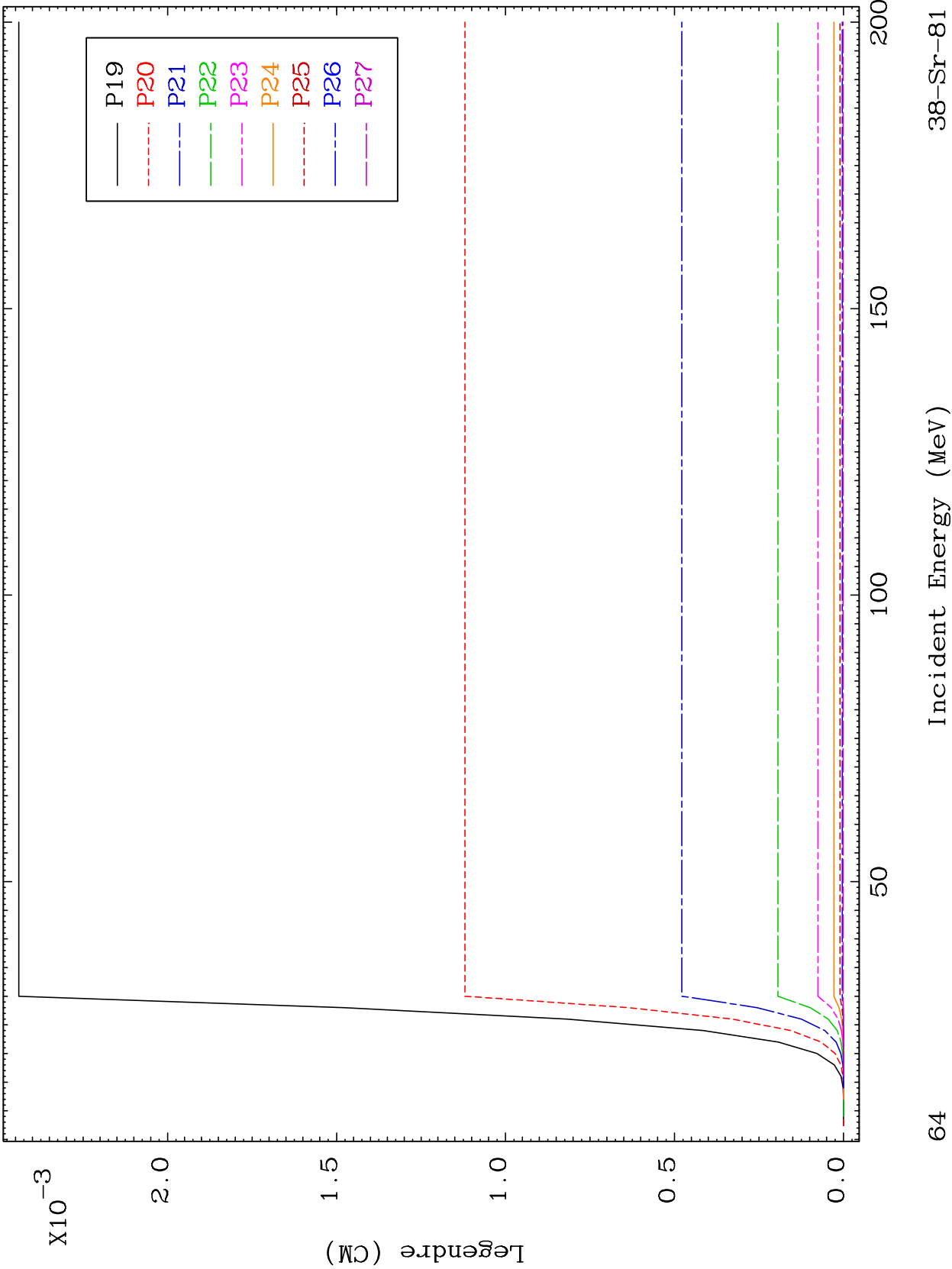
38-Sr-81



MAT 3816

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

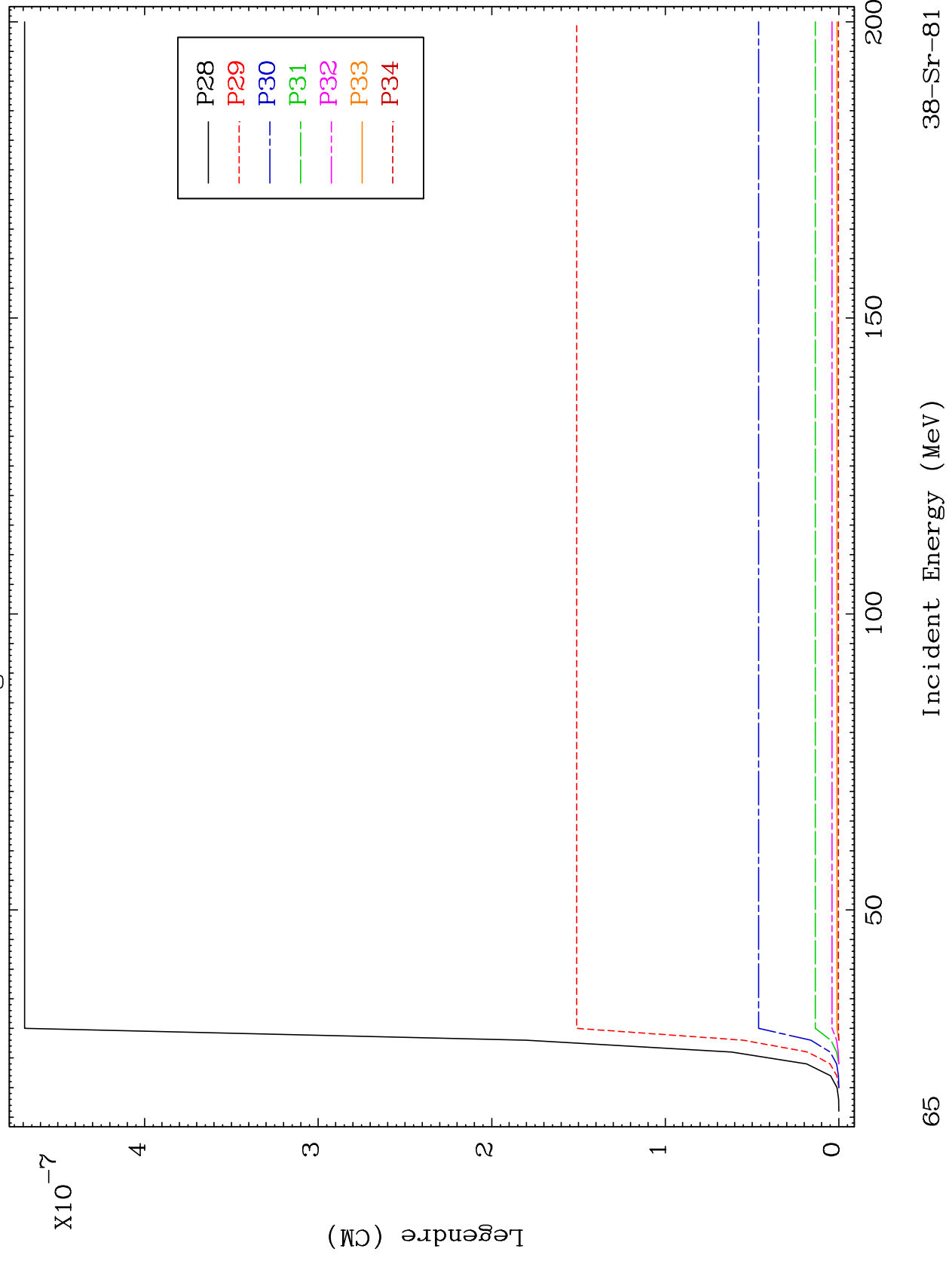
38-Sr-81



MAT 3816

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

38-Sr-81



65

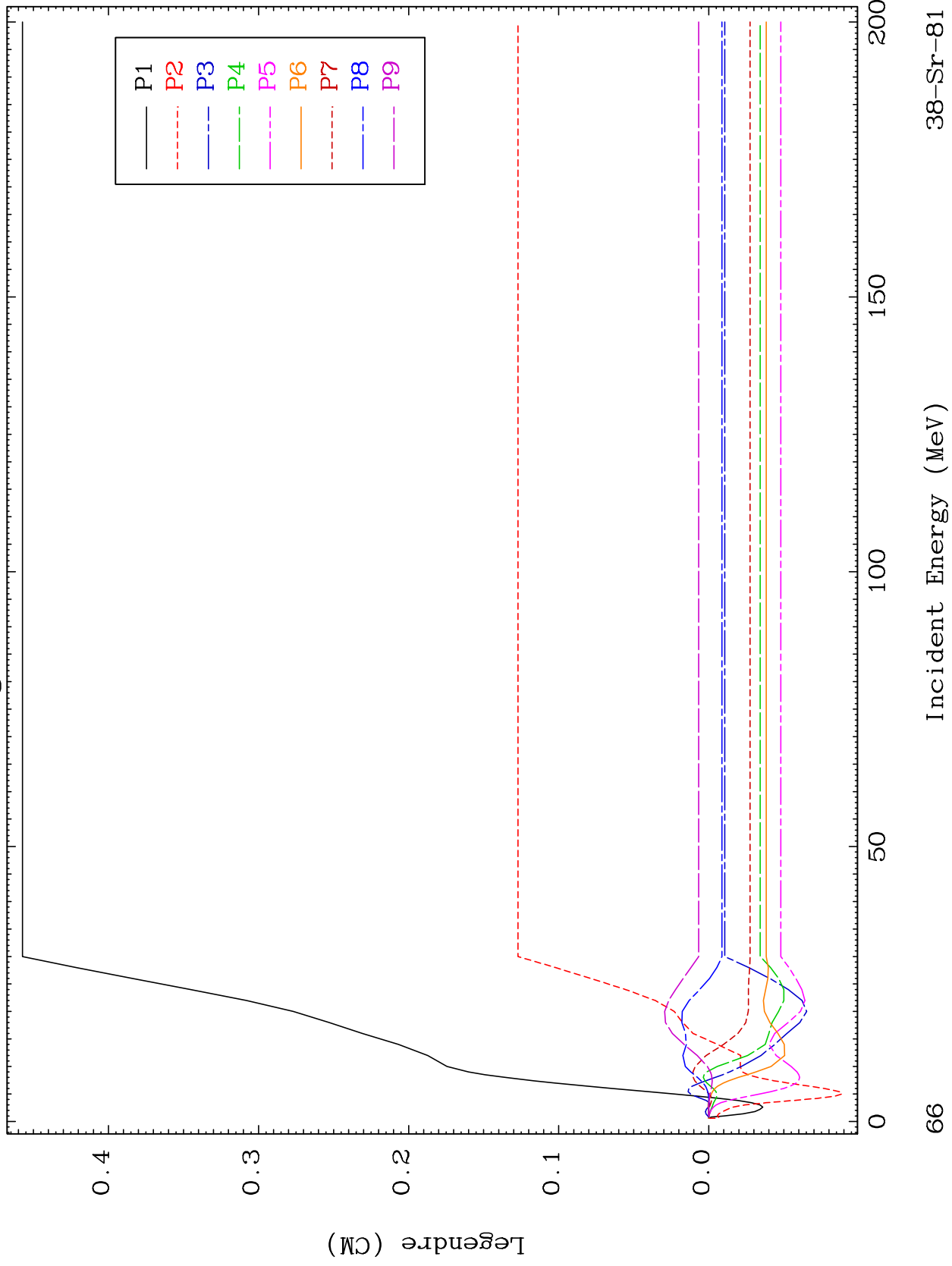
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

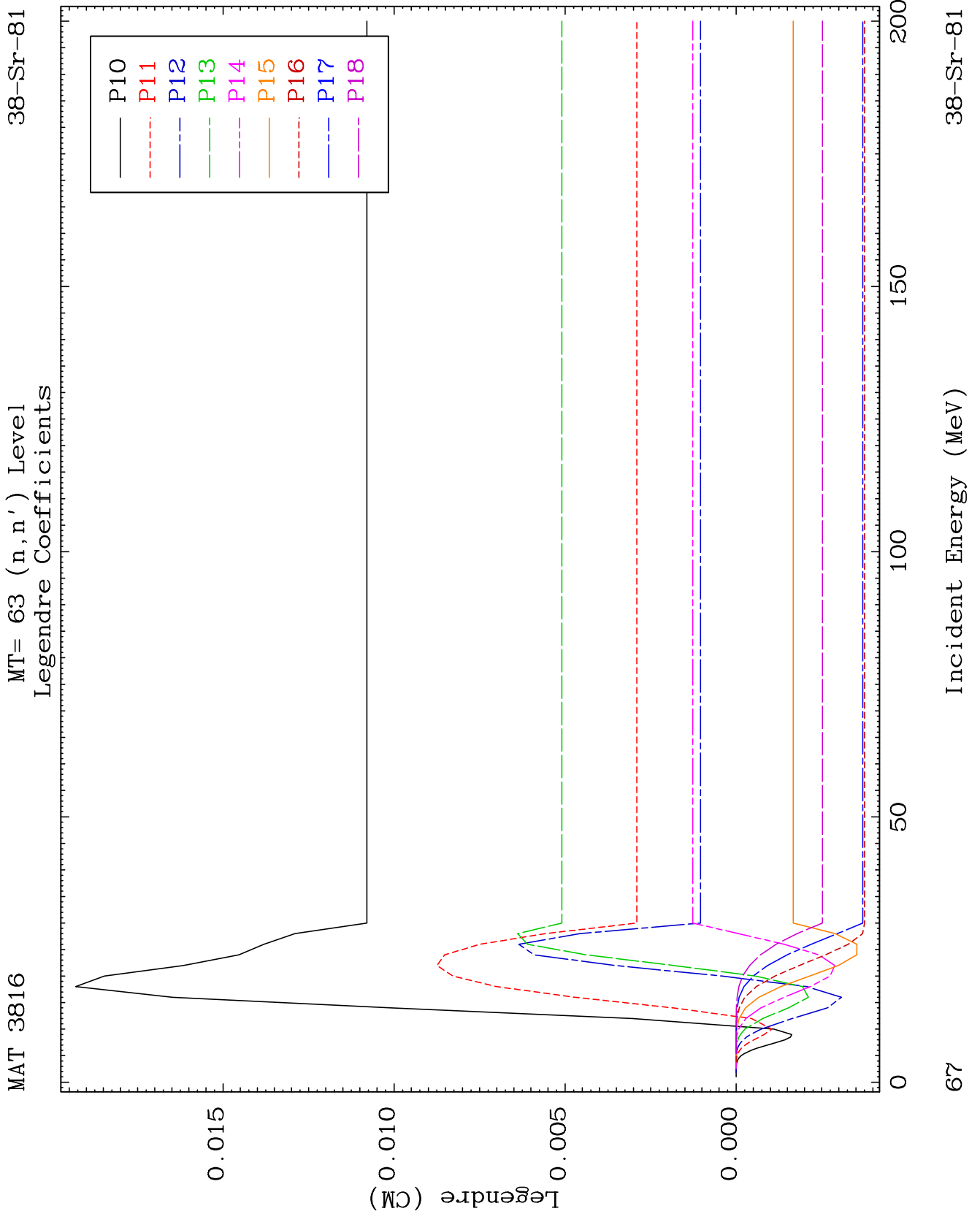
38-Sr-81

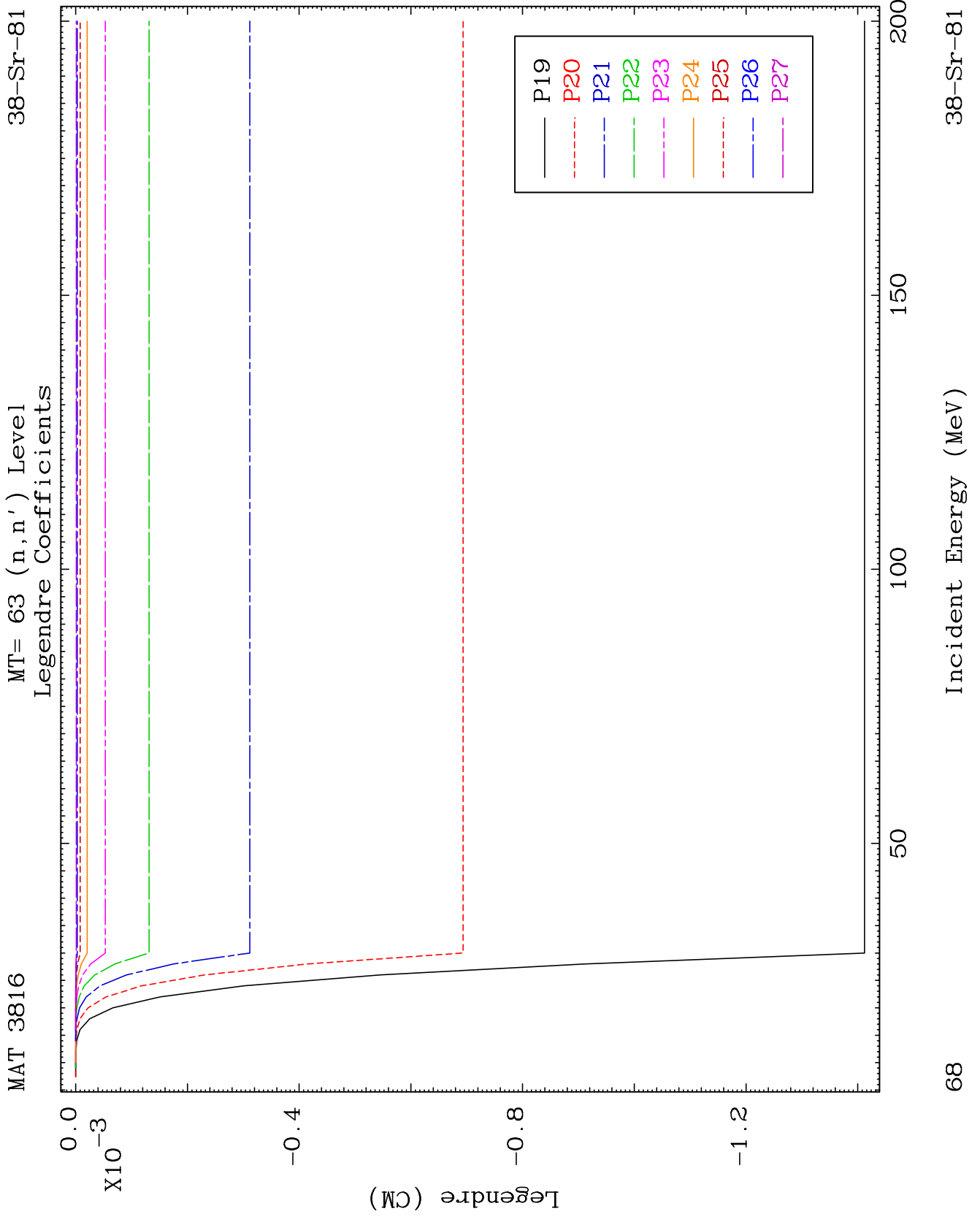


66

Incident Energy (MeV)

38-Sr-81

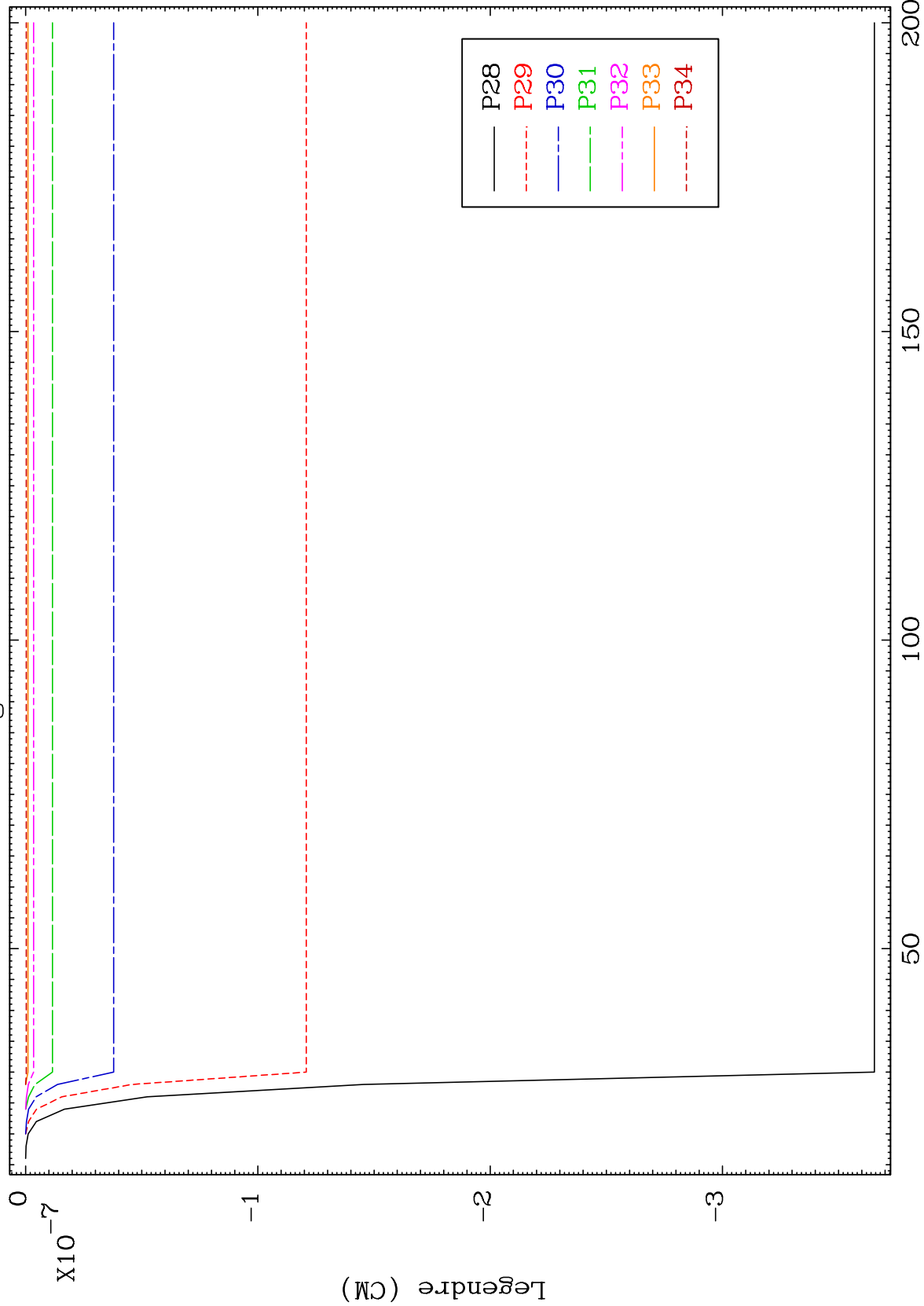




MAT 3816

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

38-Sr-81

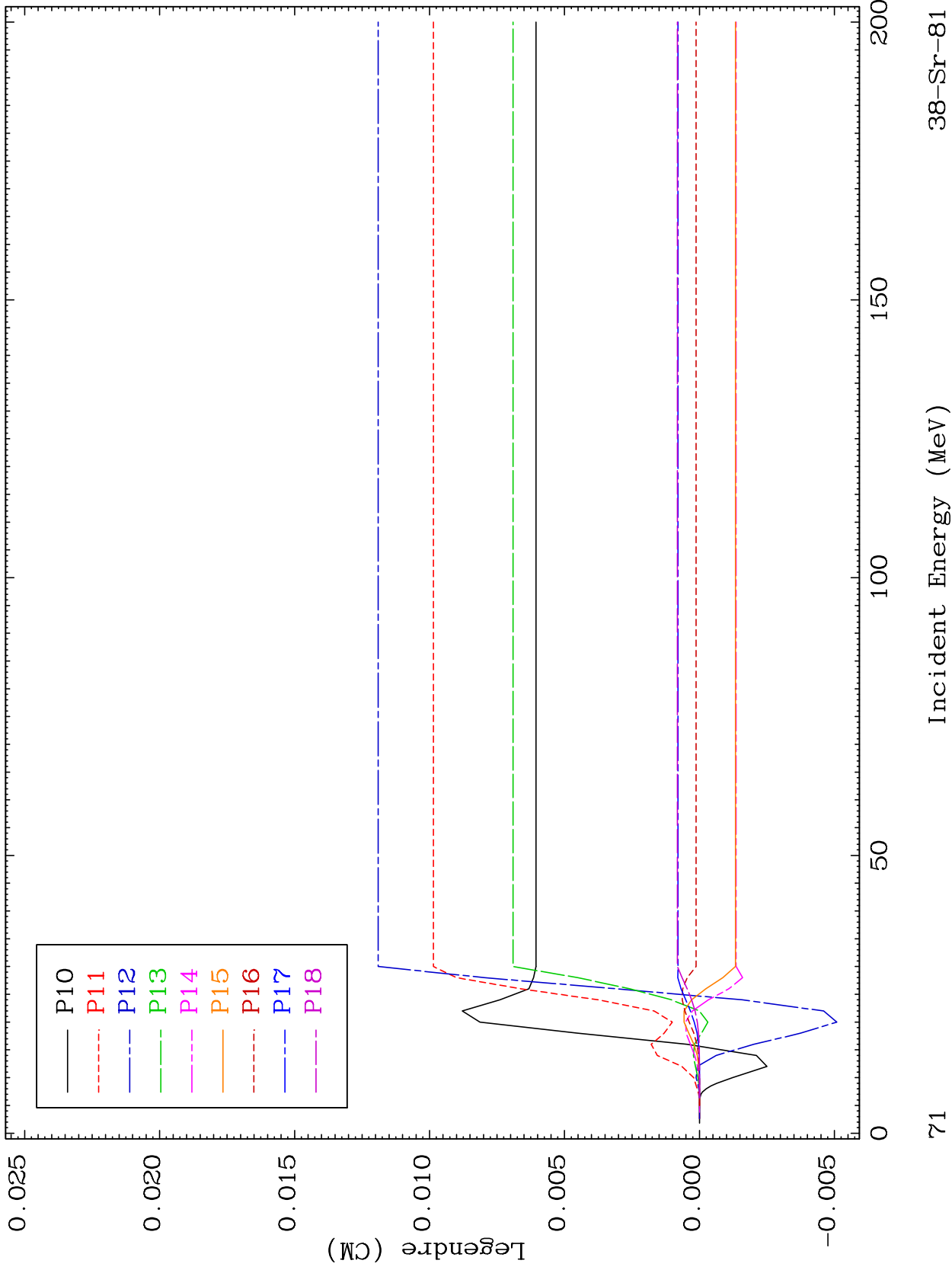


69

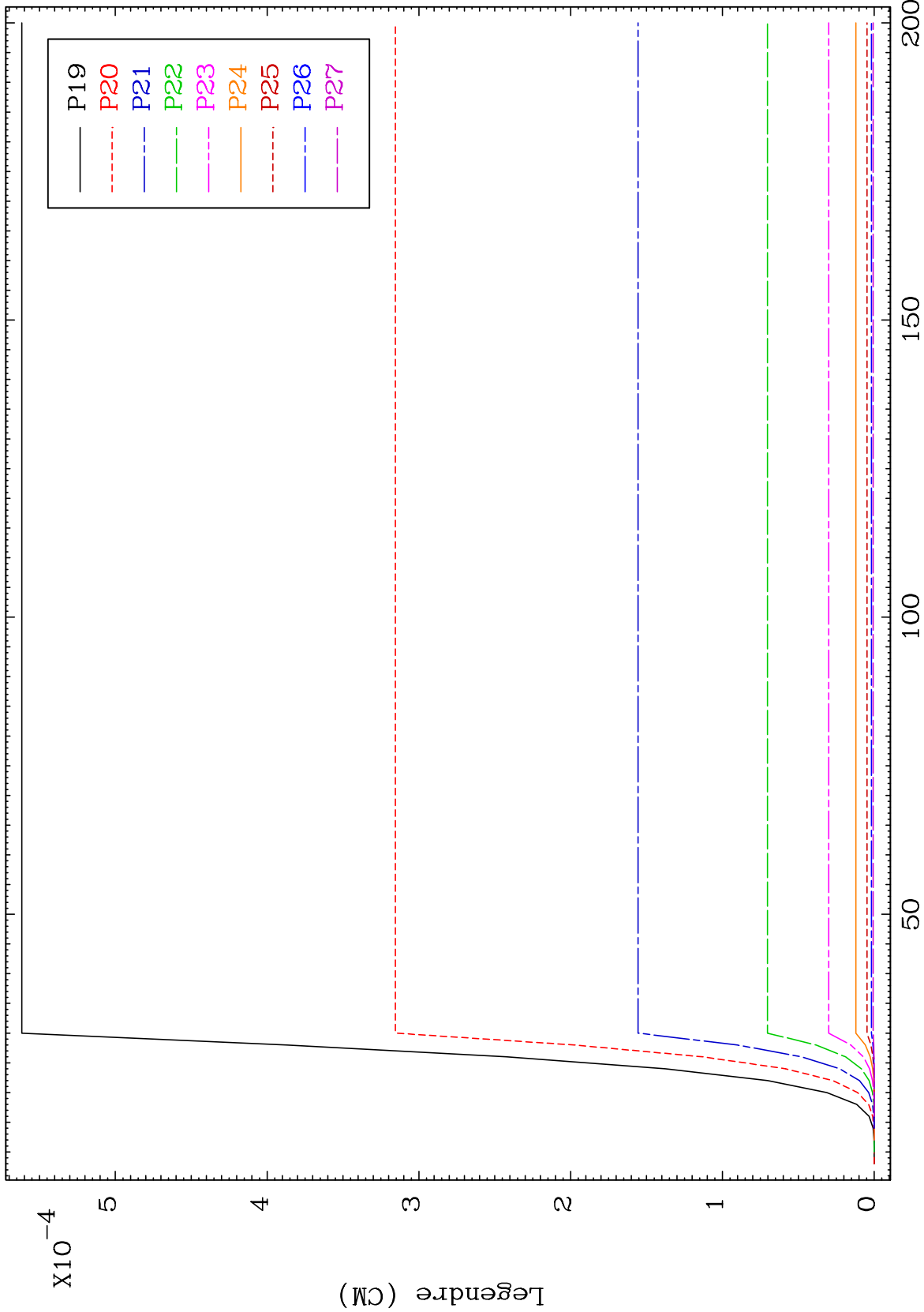
Incident Energy (MeV)

38-Sr-81





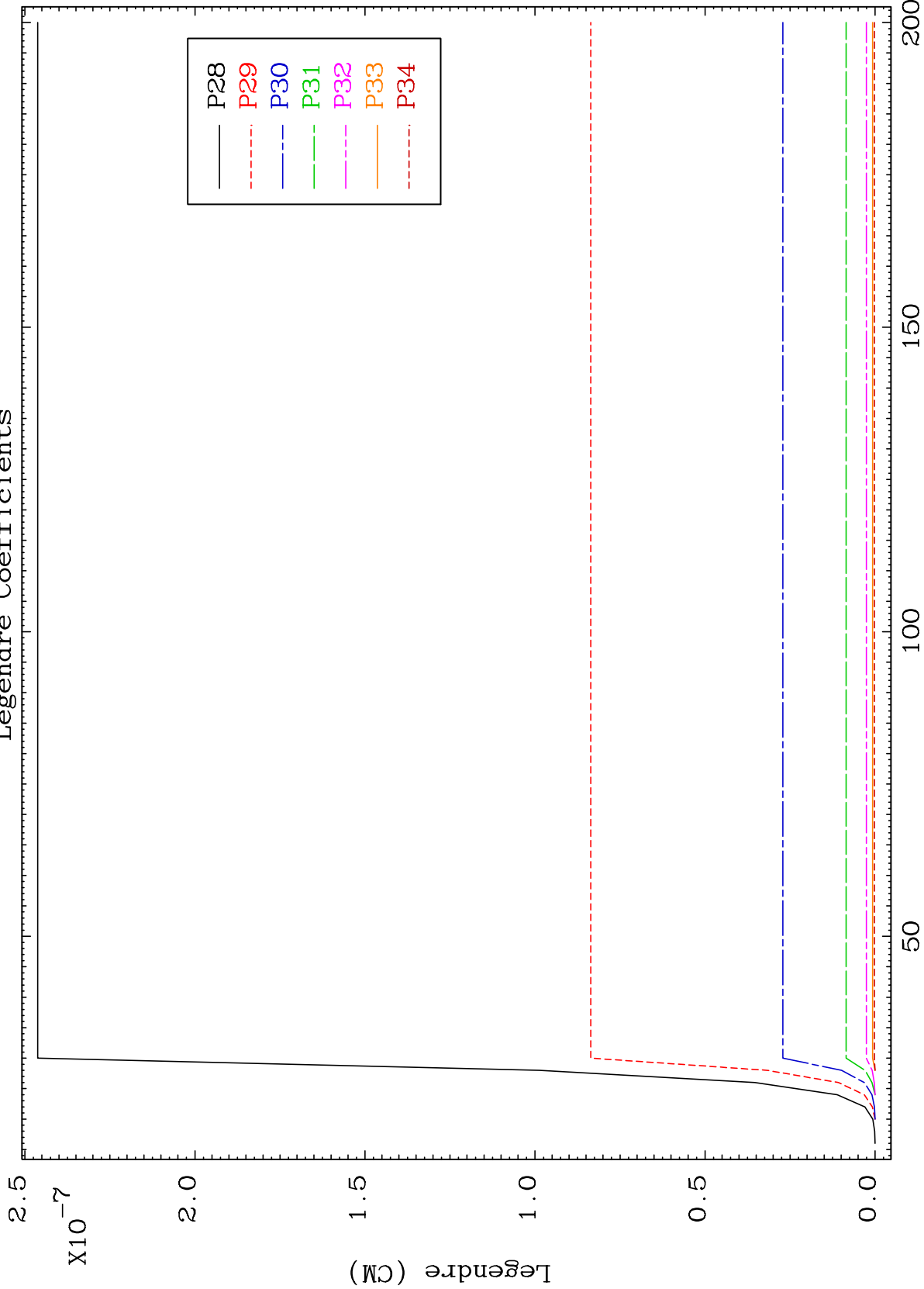




MAT 3816

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

38-Sr-81



73

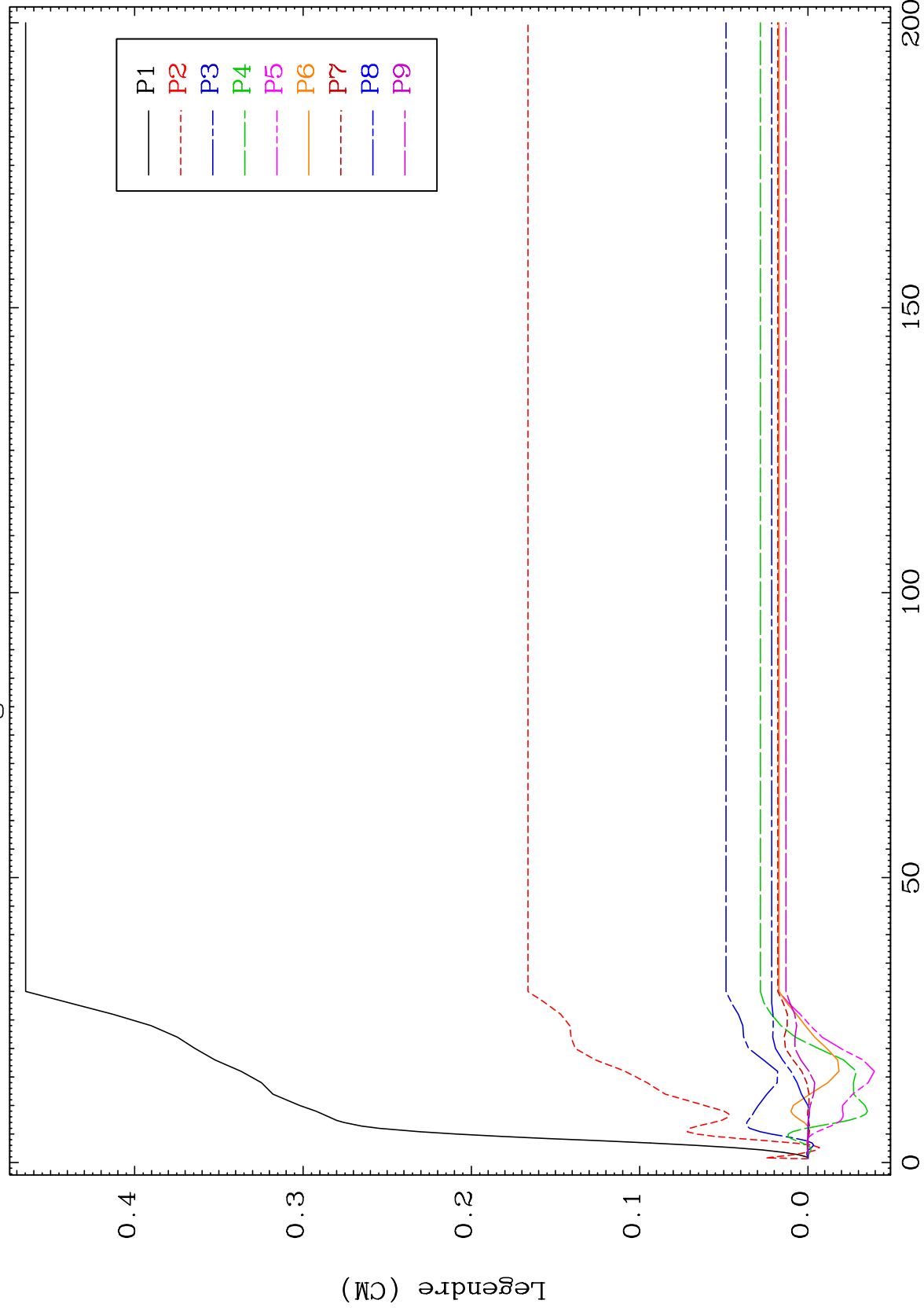
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



74

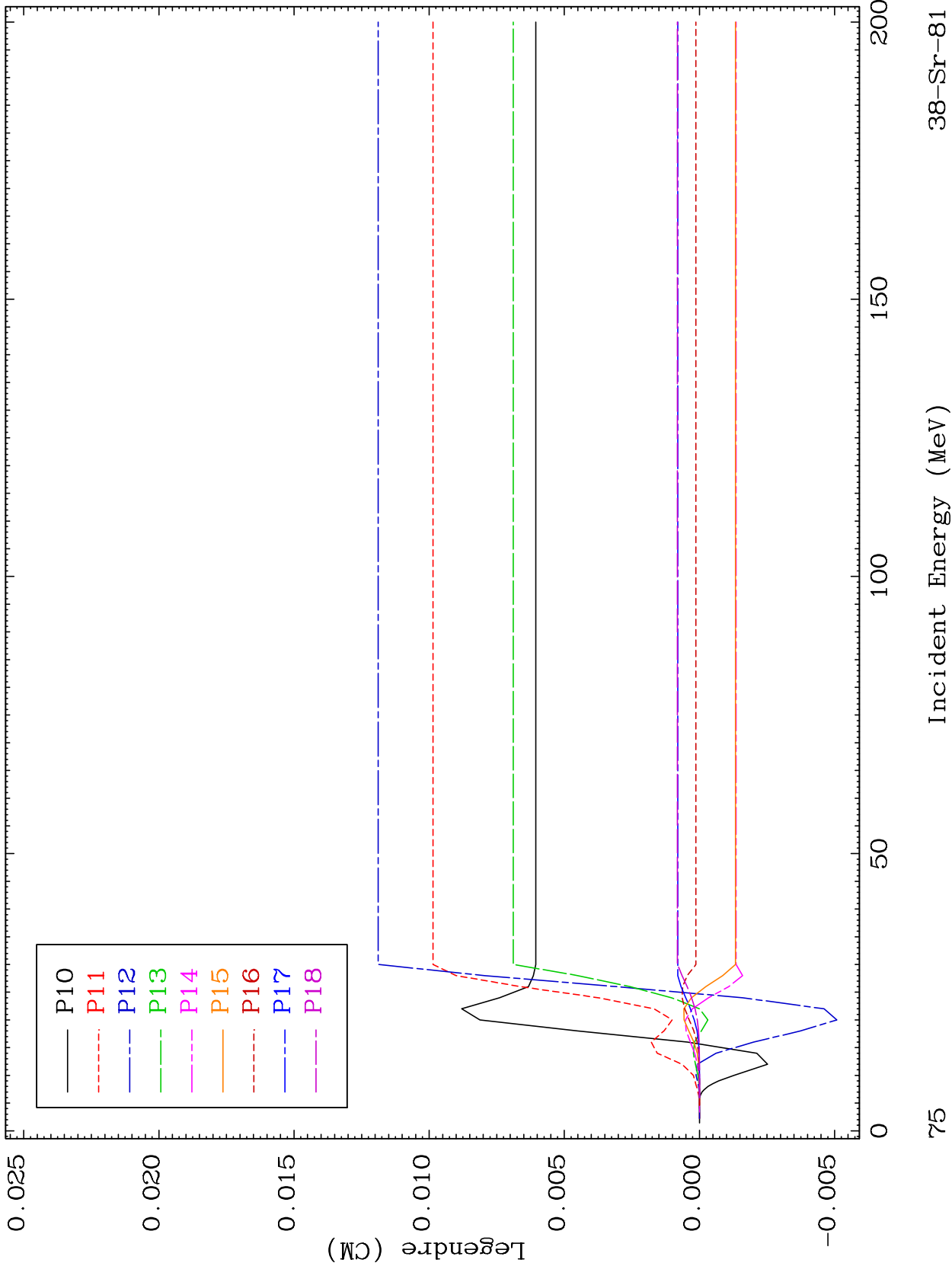
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



38-Sr-81

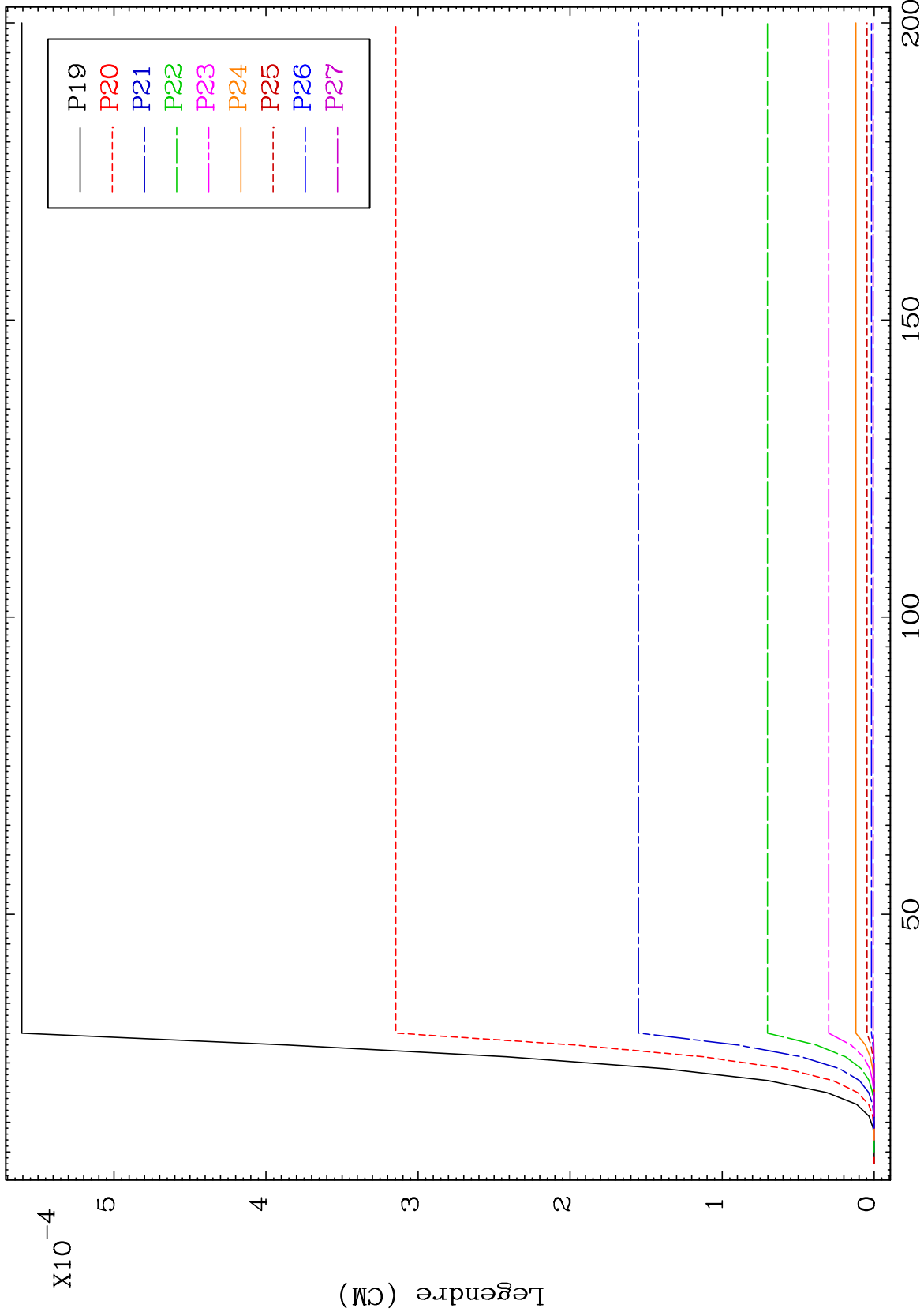
Incident Energy (MeV)

75

MAT 3816

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

38-Sr-81



76

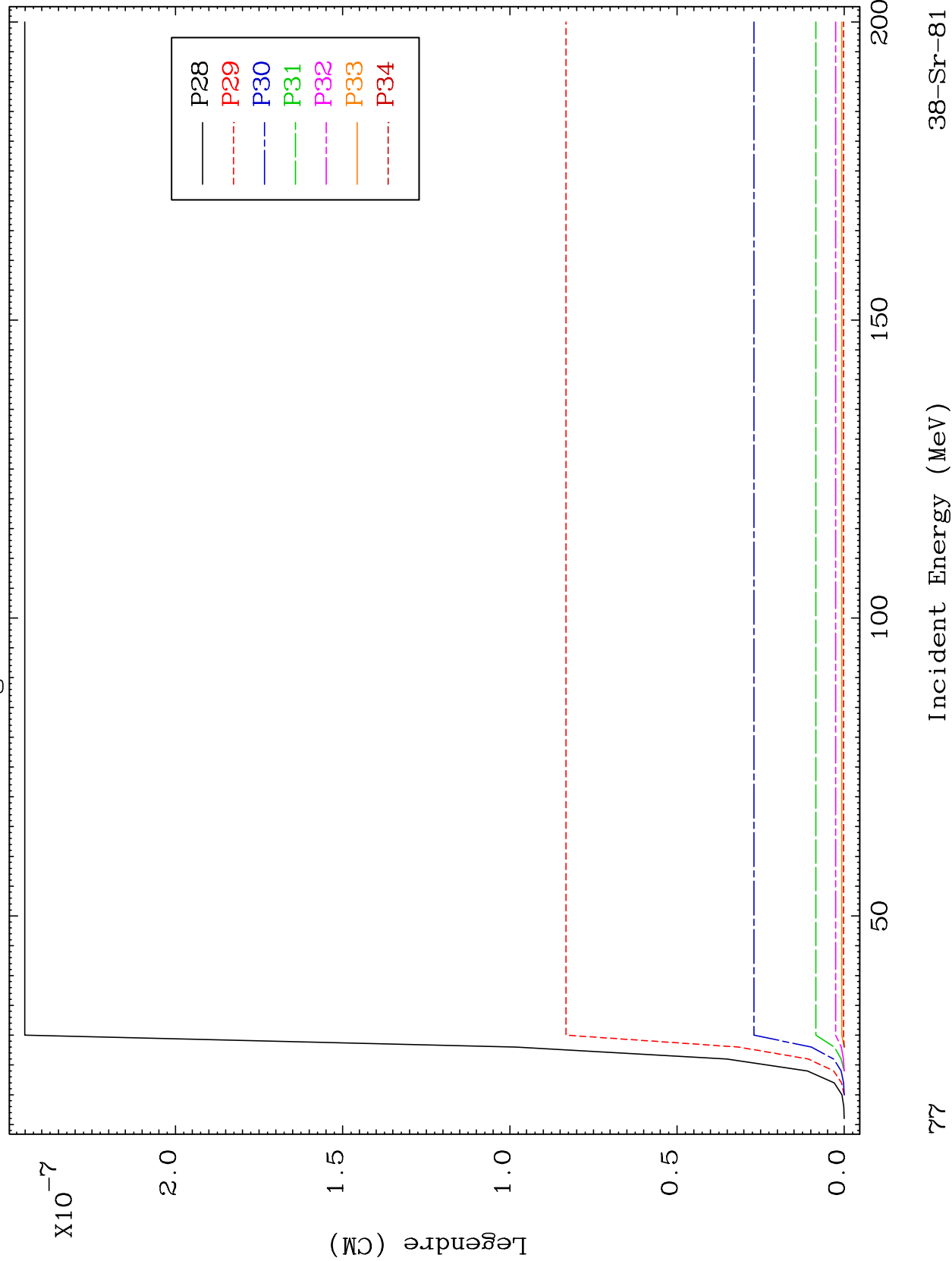
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

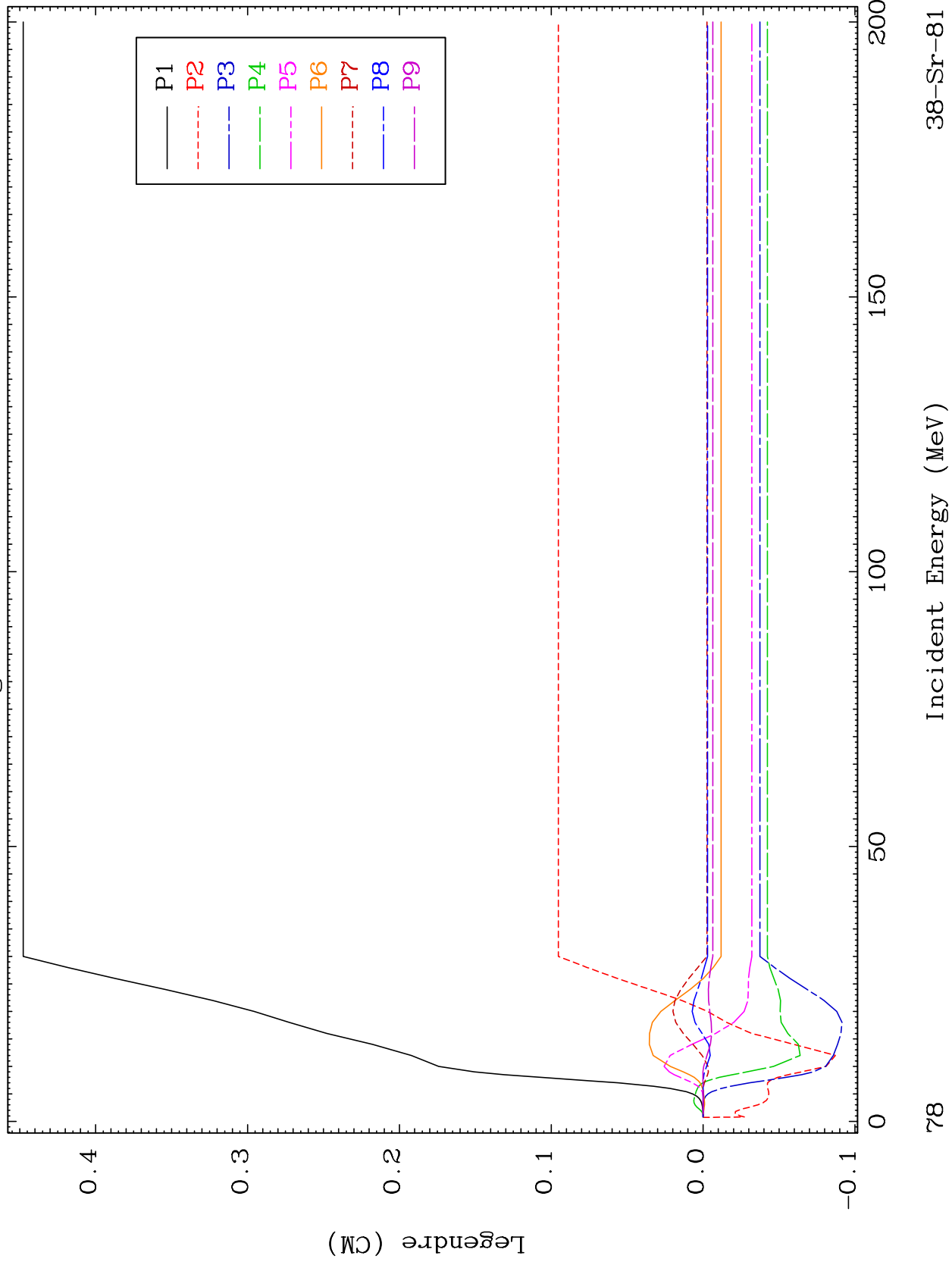
38-Sr-81



MAT 3816

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

38-Sr-81



38-Sr-81

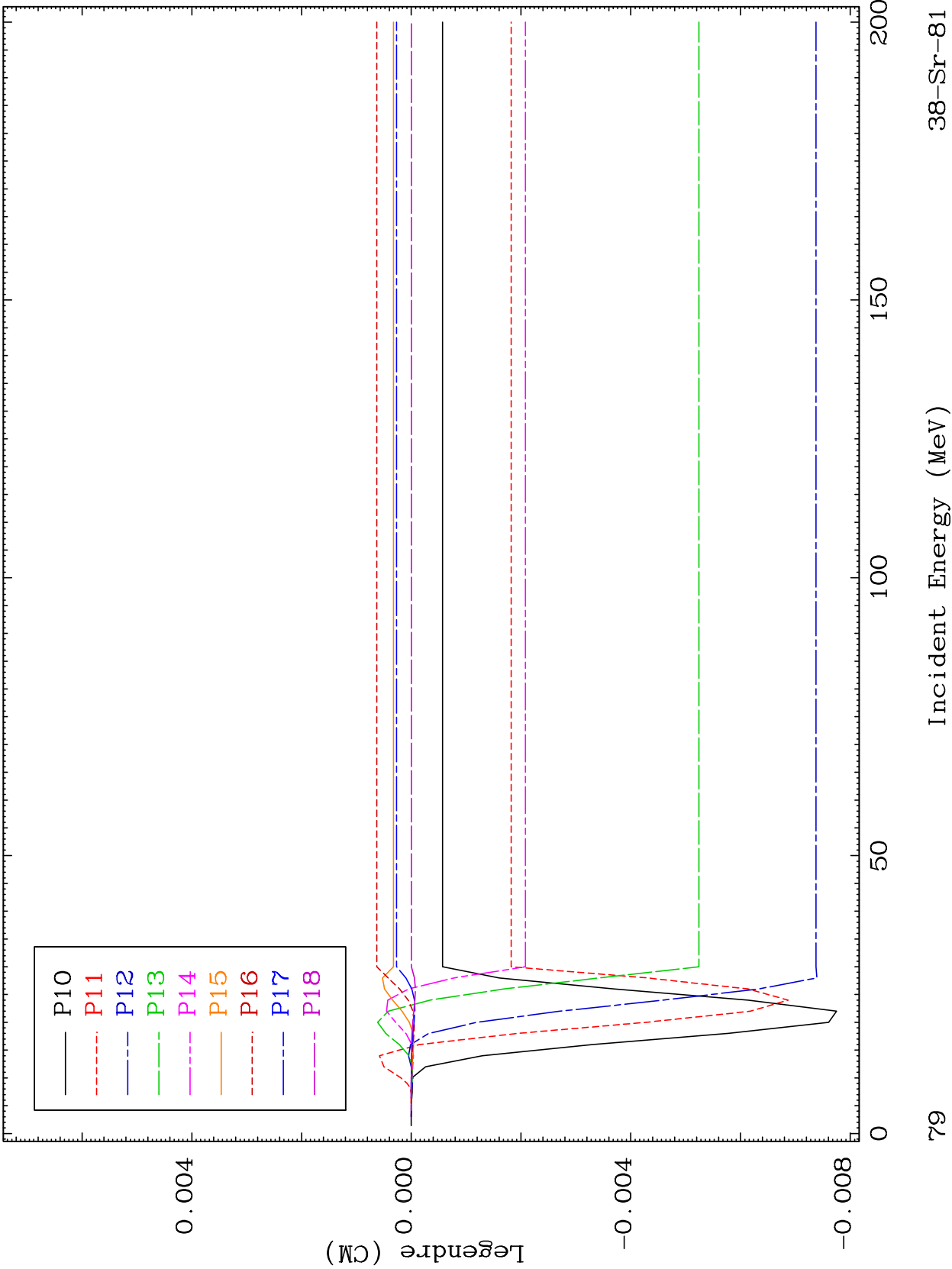
Incident Energy (MeV)

78

MAT 3816

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

38-Sr-81



79

Incident Energy (MeV)

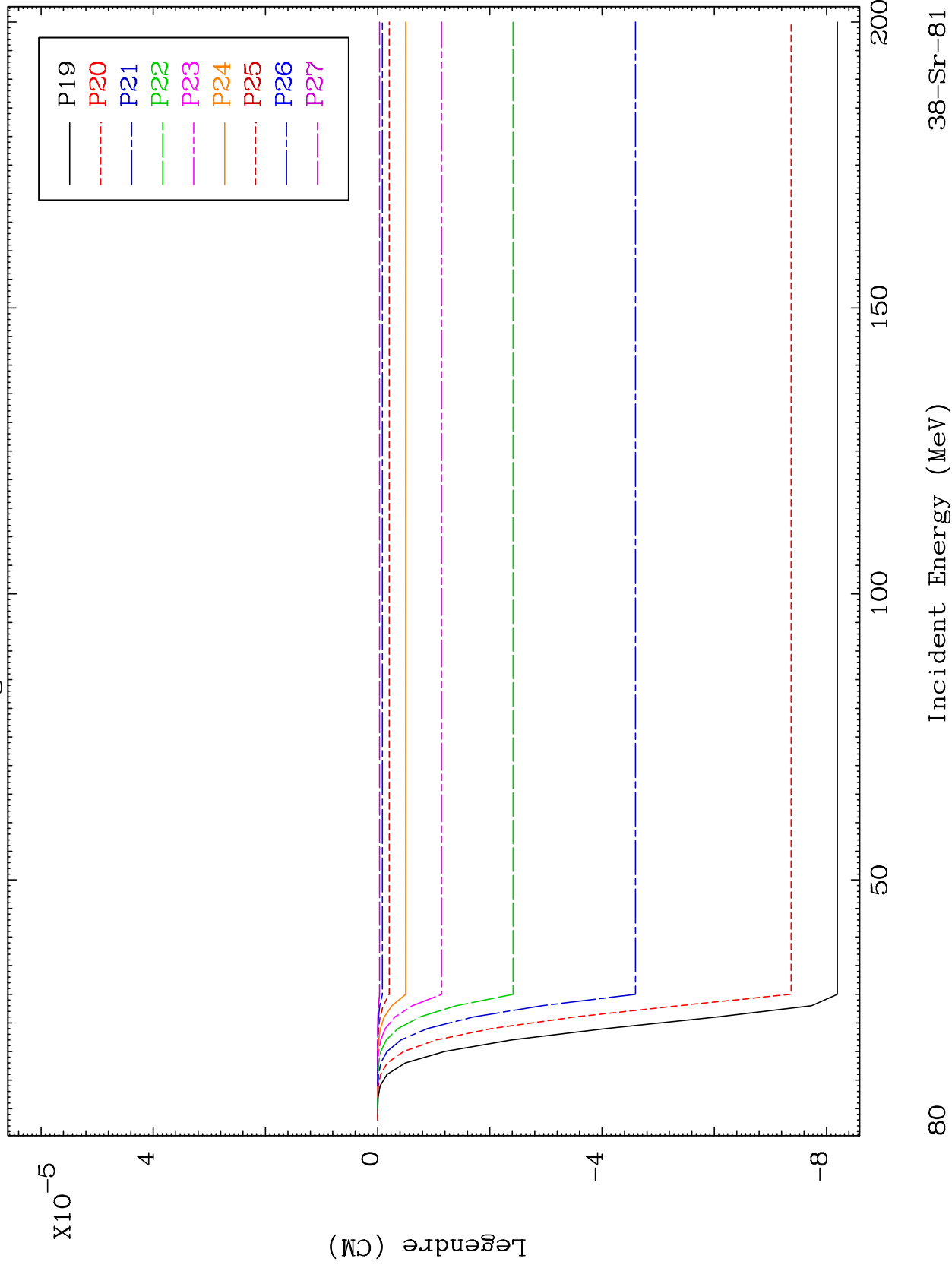
38-Sr-81



MAT 3816

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

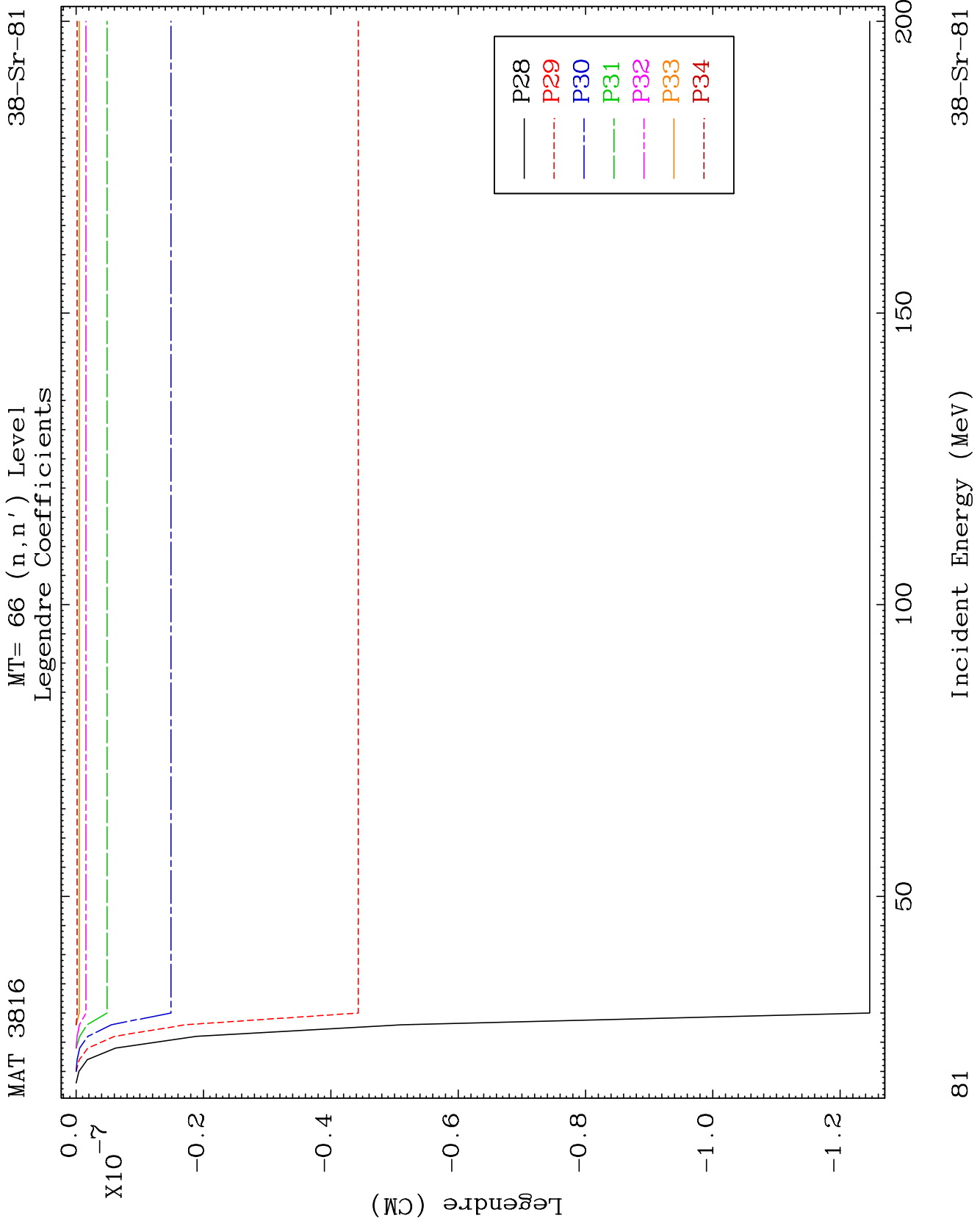
38-Sr-81



80

Incident Energy (MeV)

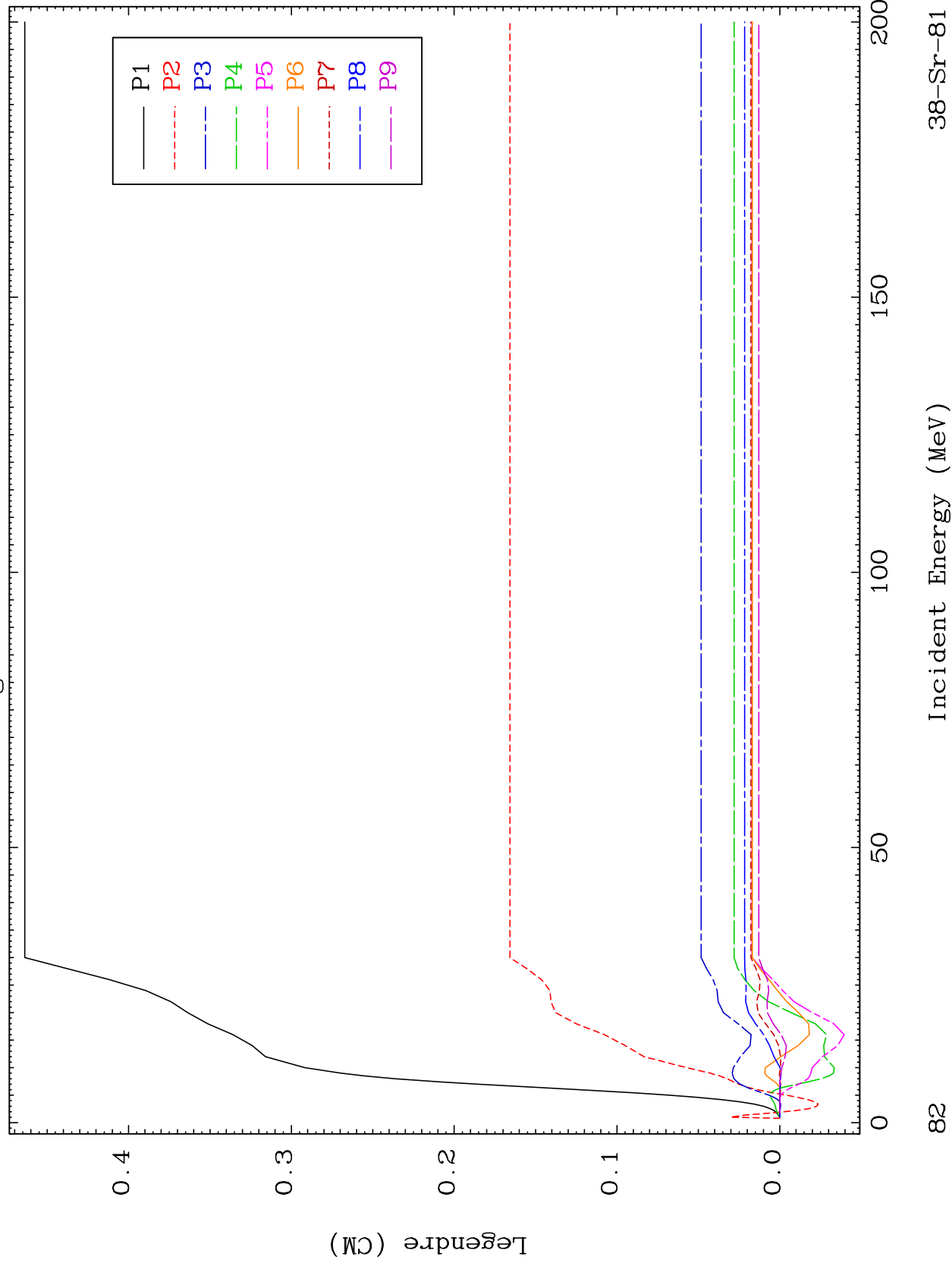
38-Sr-81



MAT 3816

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

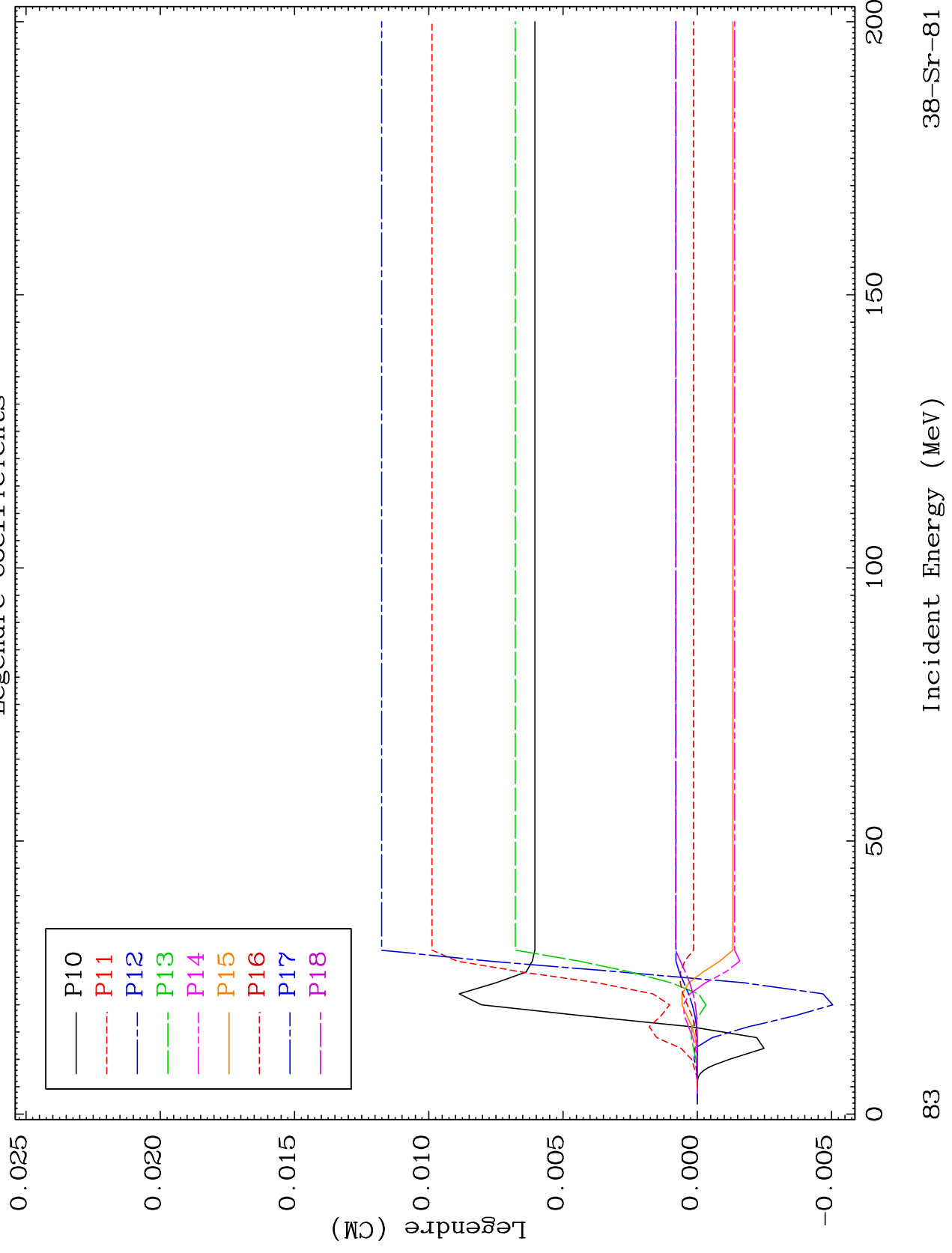
38-Sr-81



82

Incident Energy (MeV)

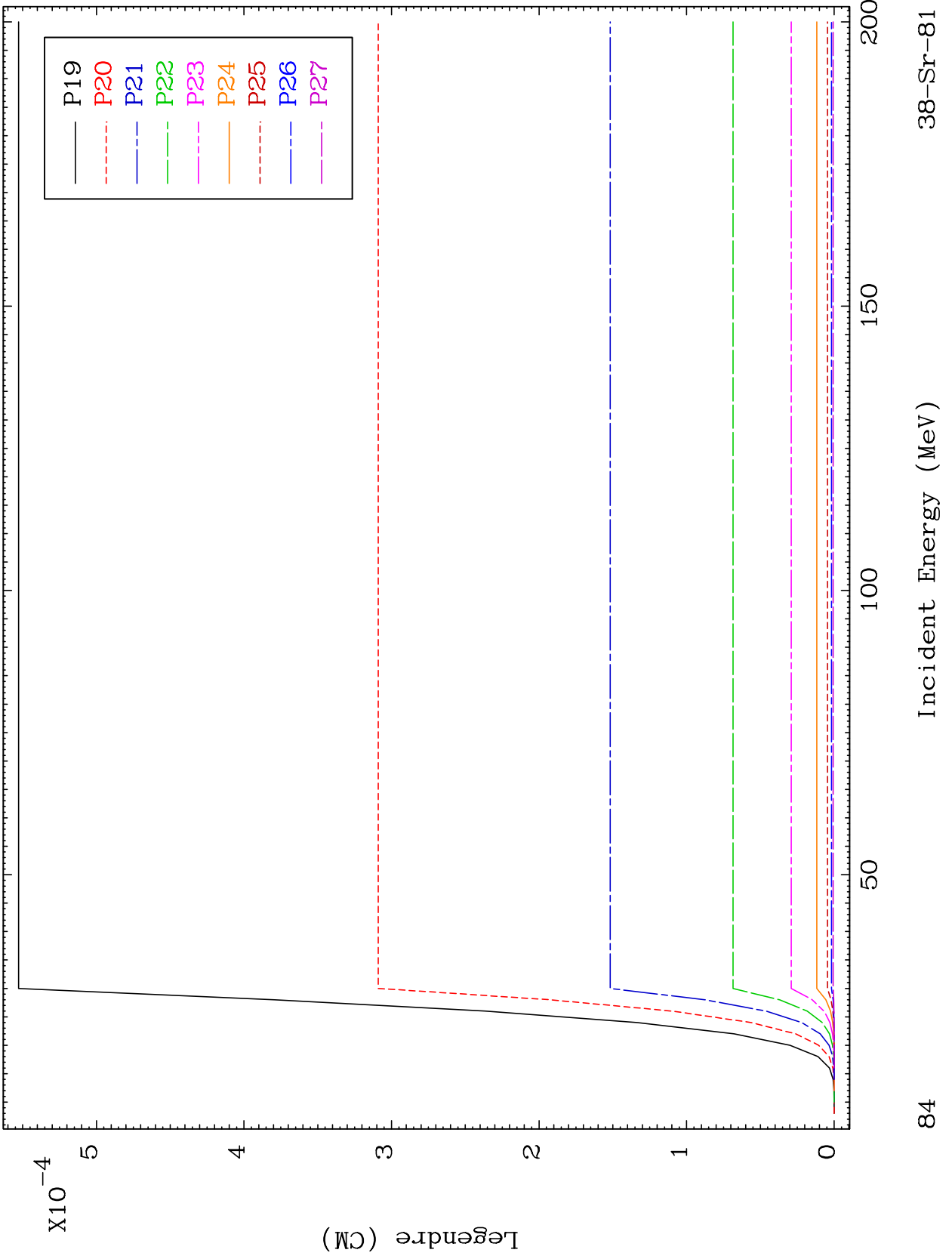
38-Sr-81



MAT 3816

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

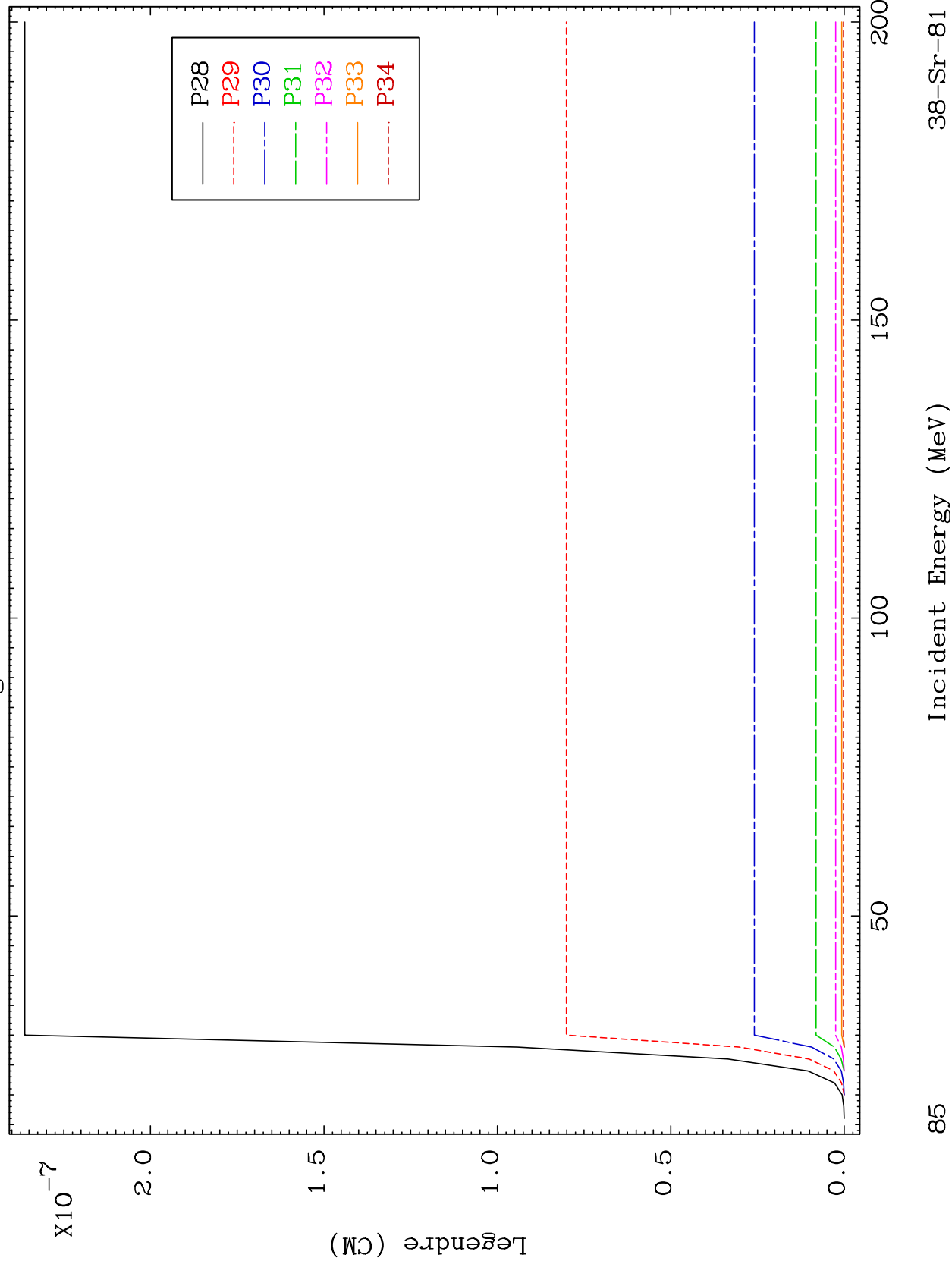
38-Sr-81



MAT 3816

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

38-Sr-81



85

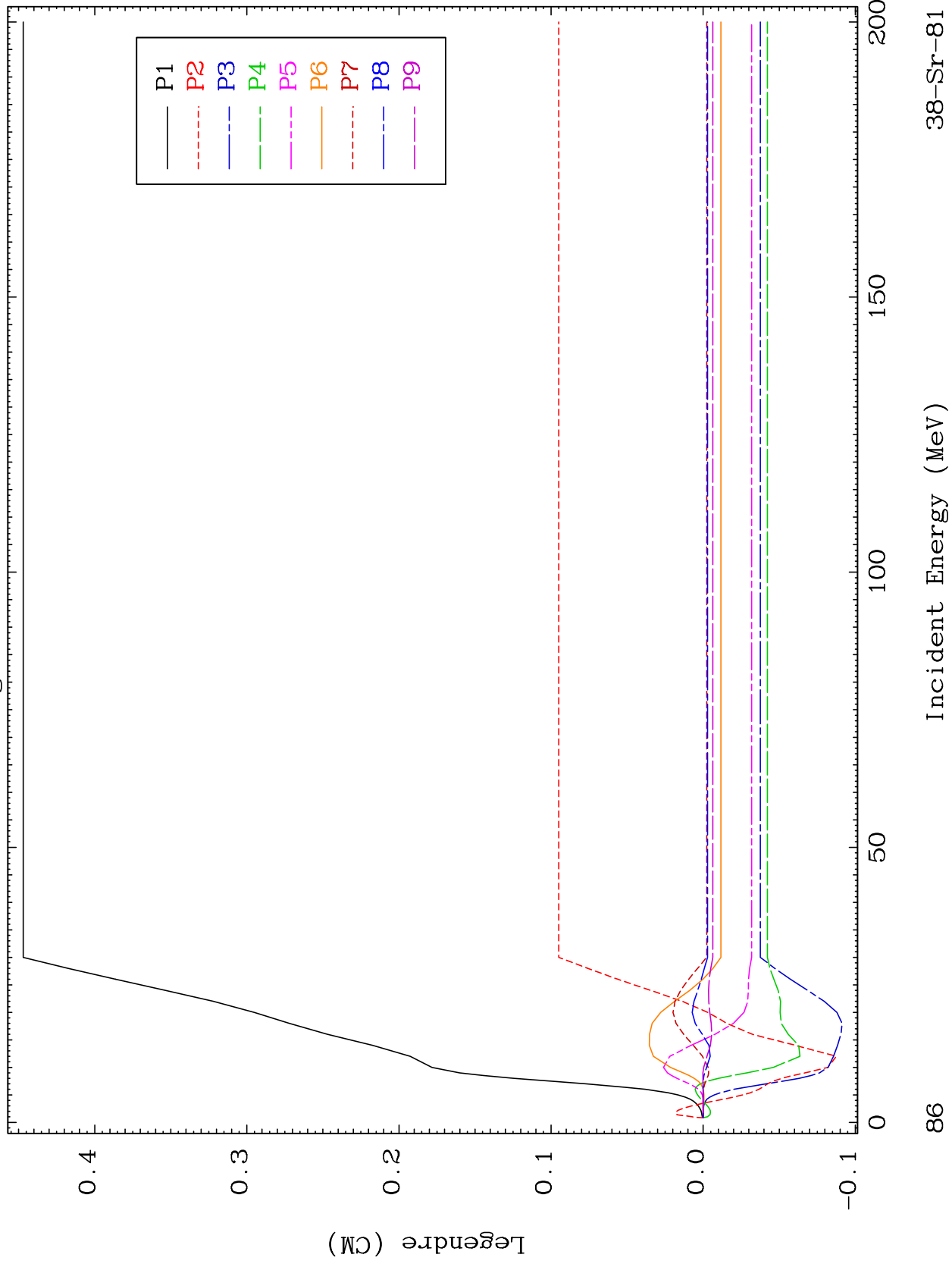
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



86

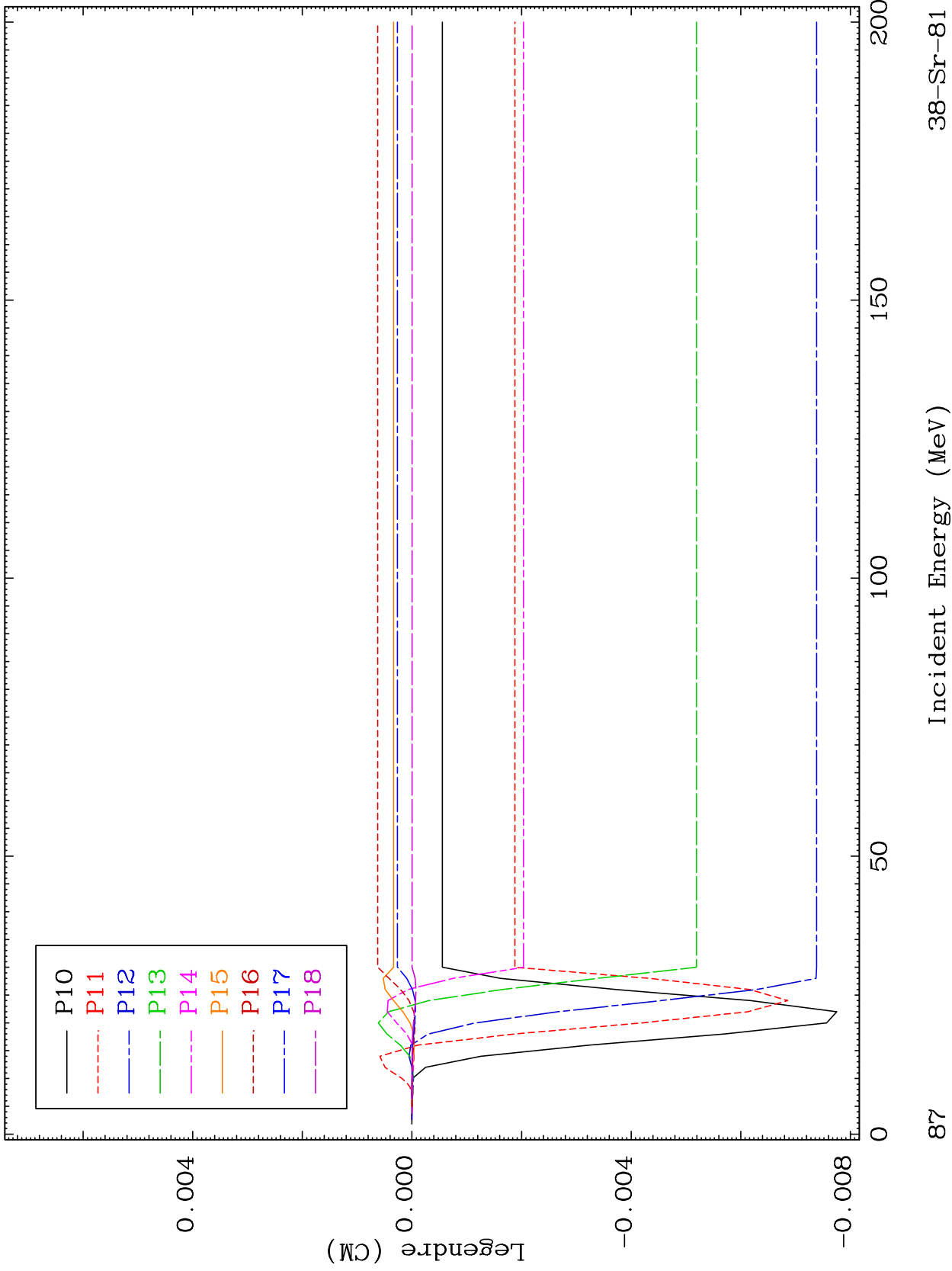
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



87

Incident Energy (MeV)

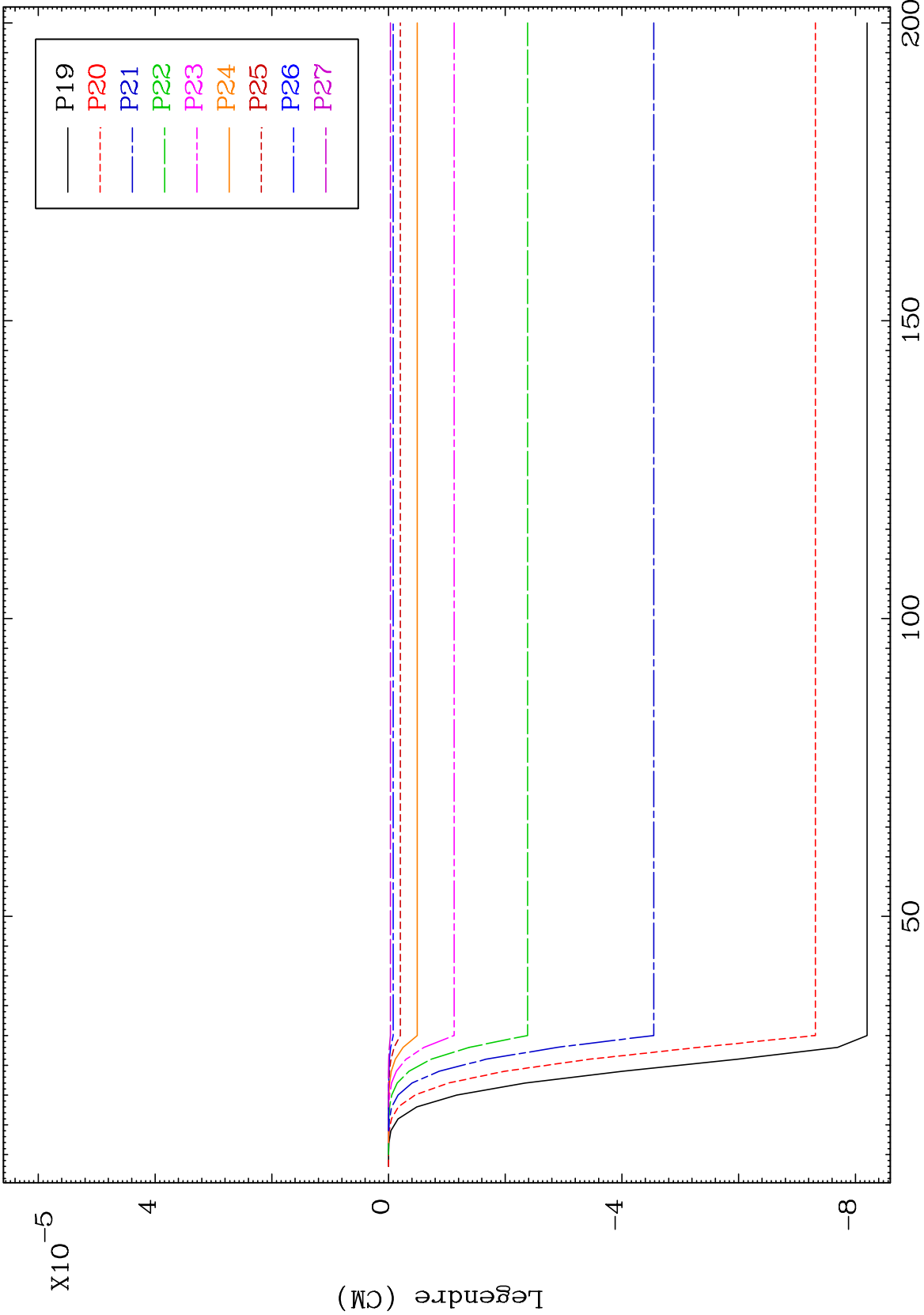
38-Sr-81



MAT 3816

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

38-Sr-81



88

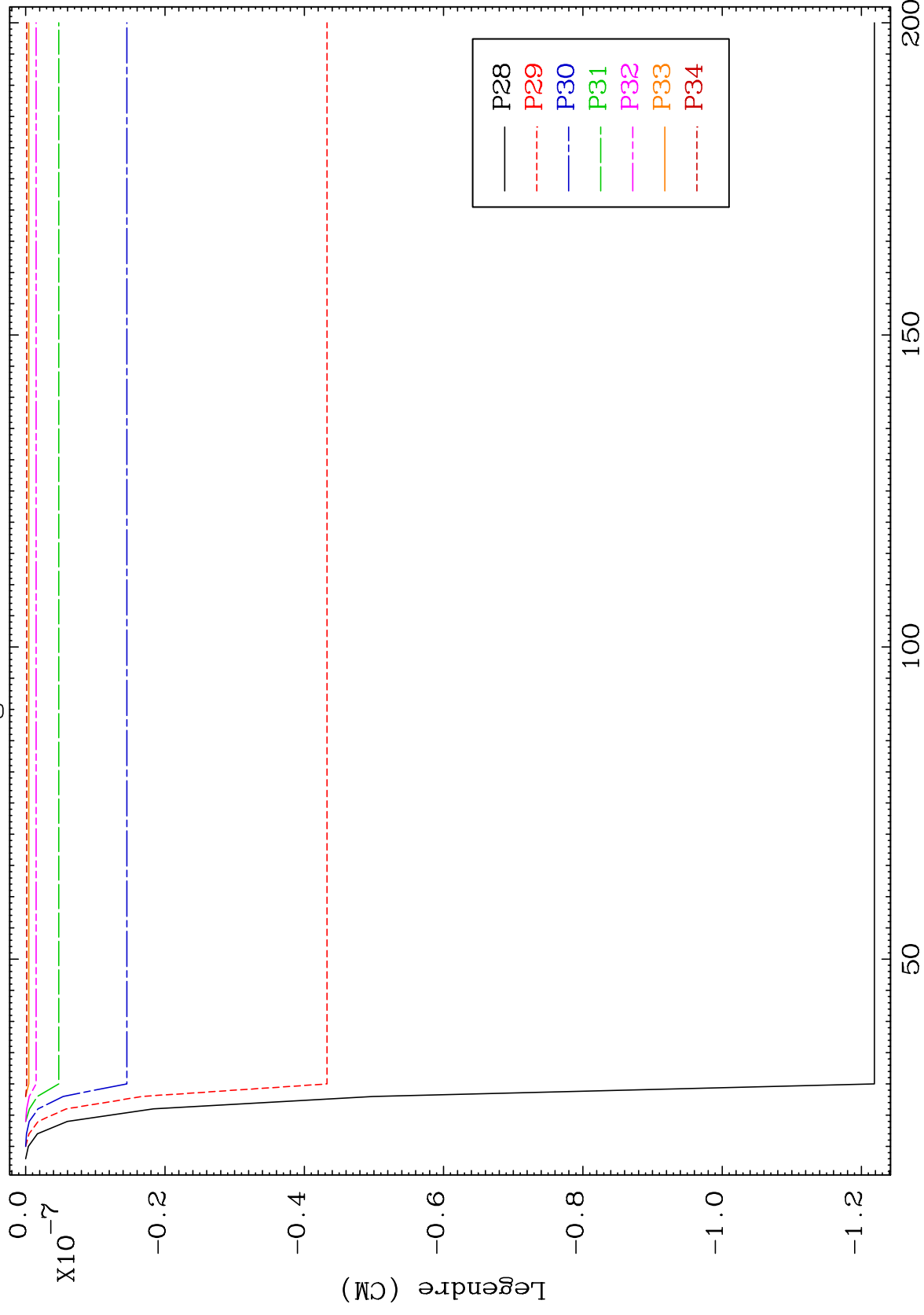
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



89

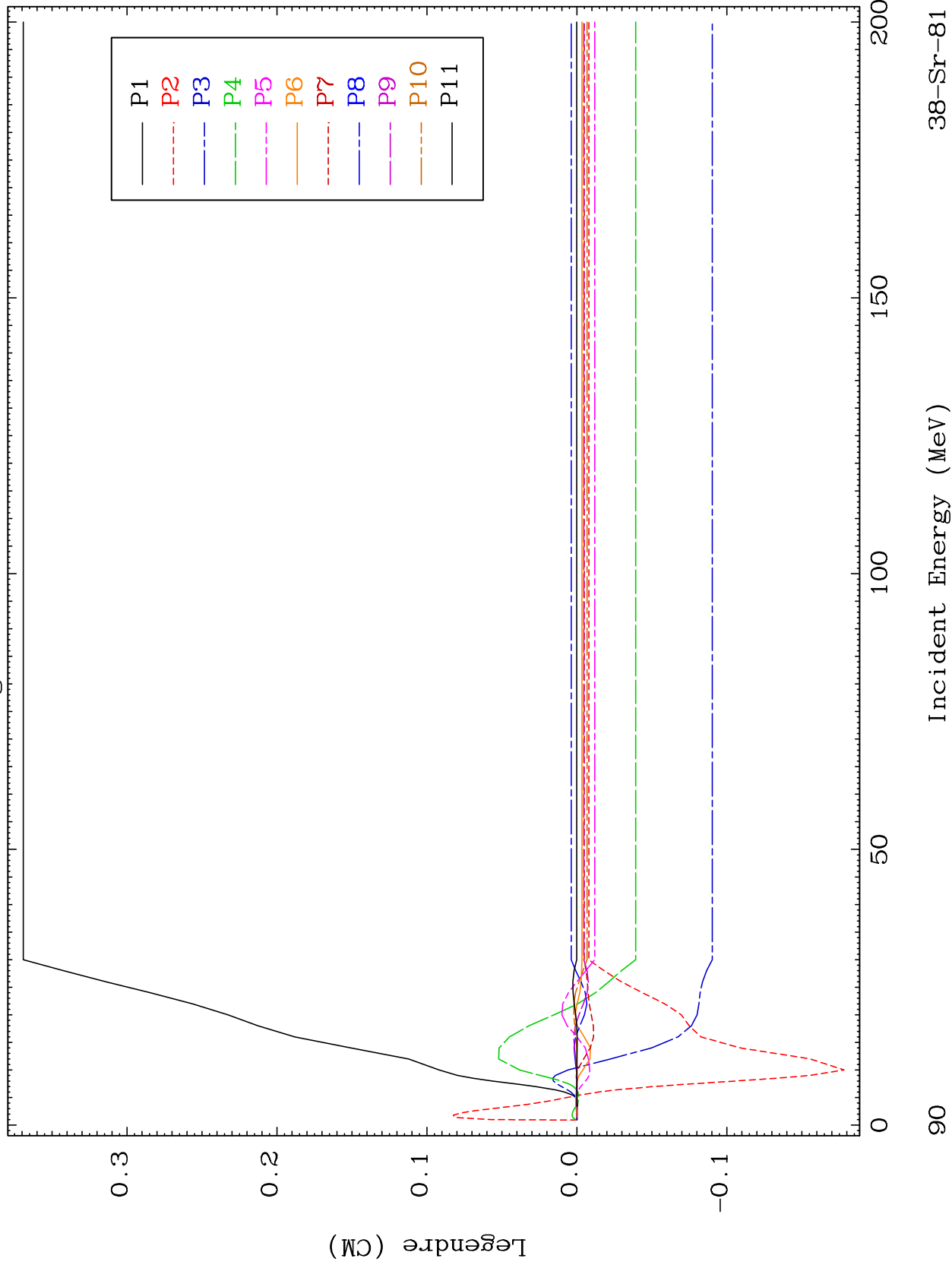
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

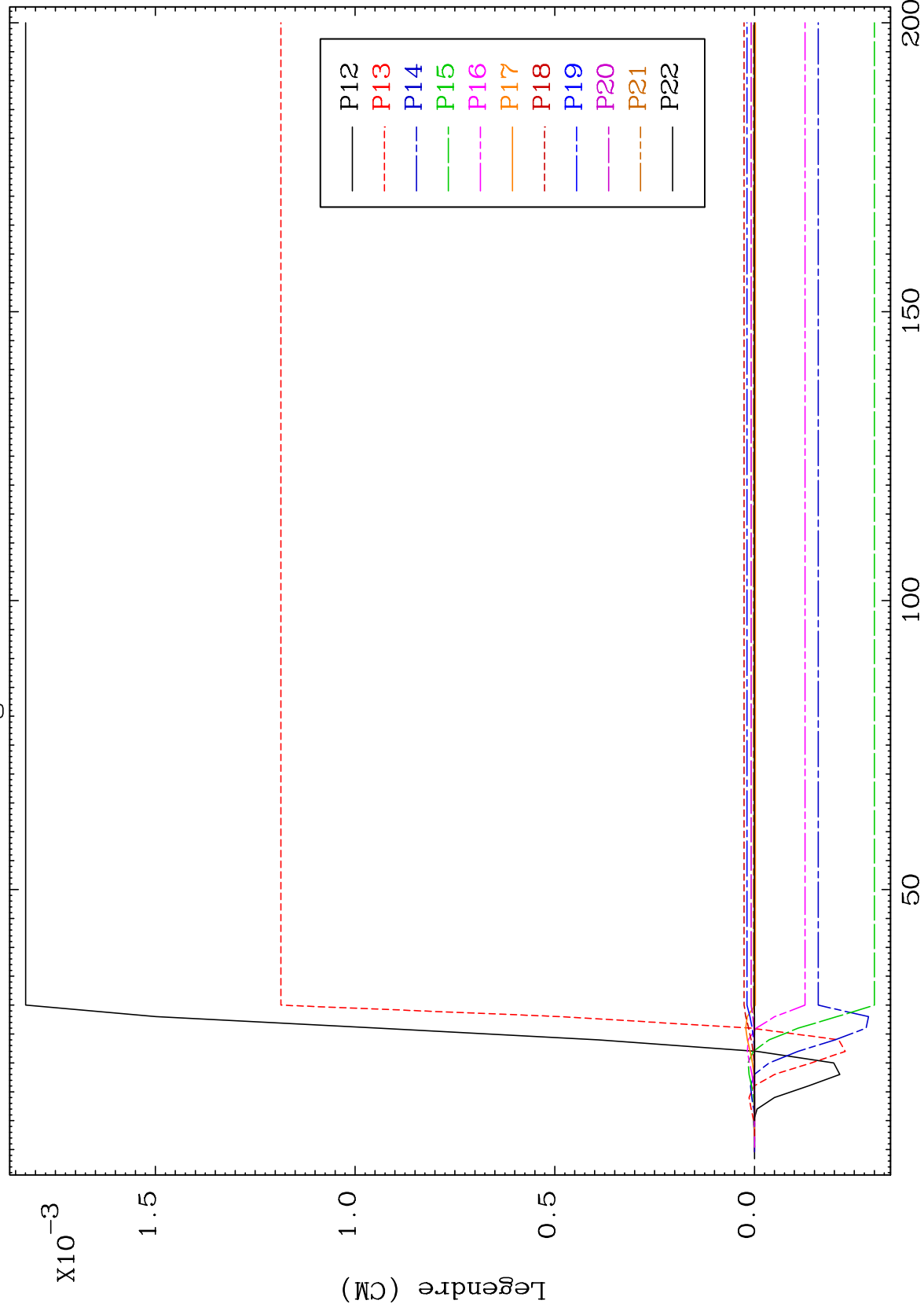
38-Sr-81



38-Sr-81

Incident Energy (MeV)

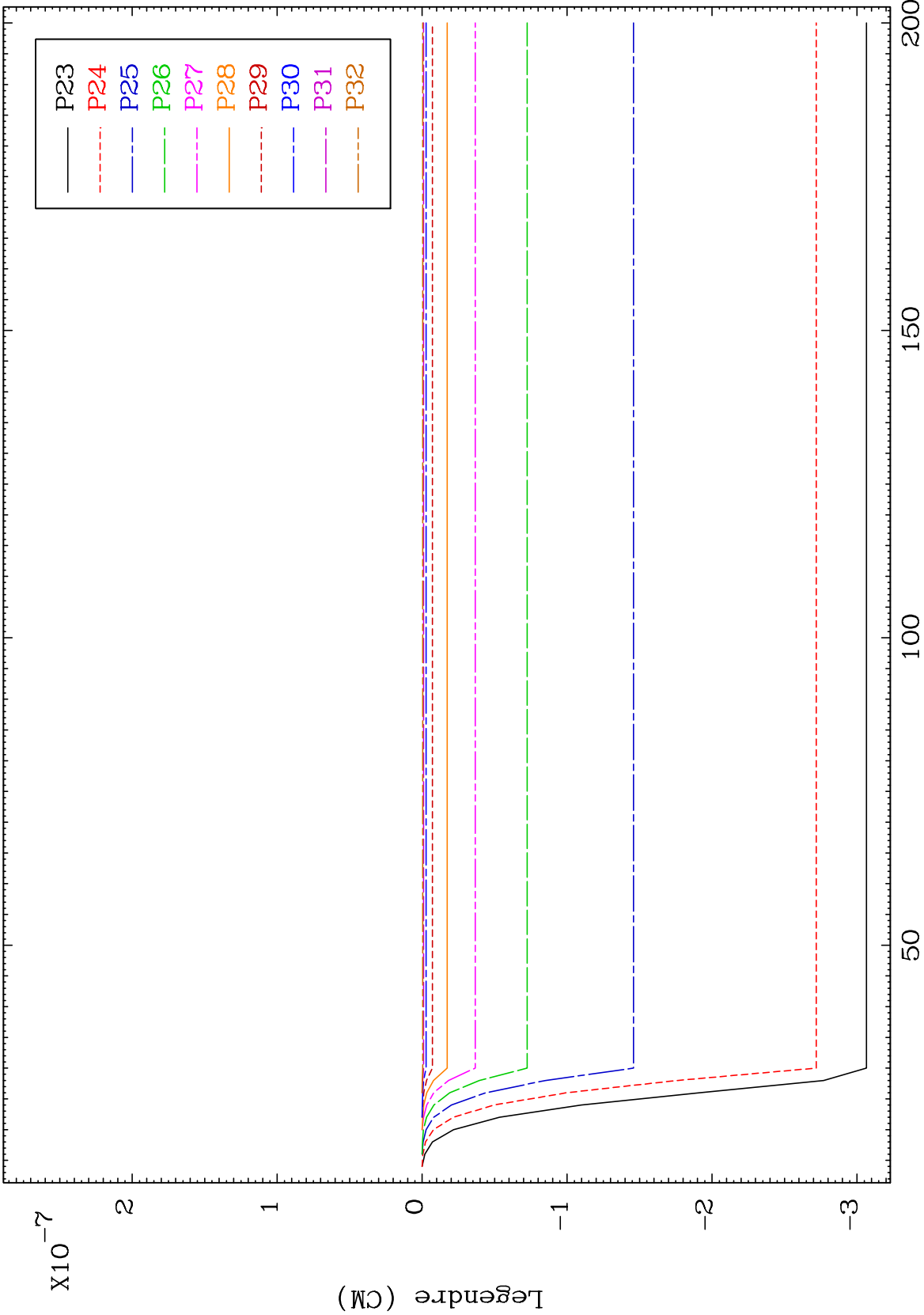
90



MAT 3816

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

38-Sr-81



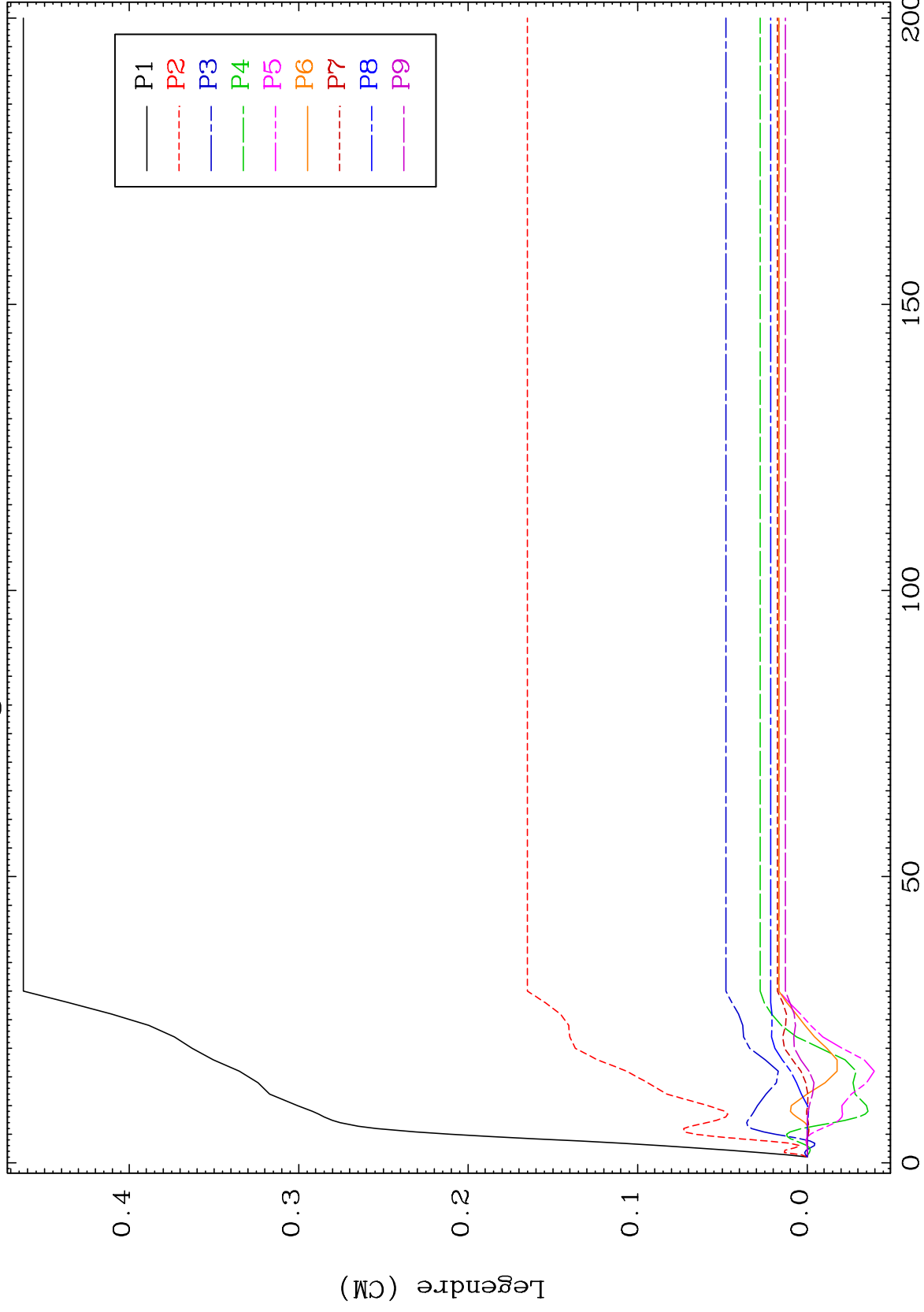
92

38-Sr-81

MAT 3816

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

38-Sr-81



93

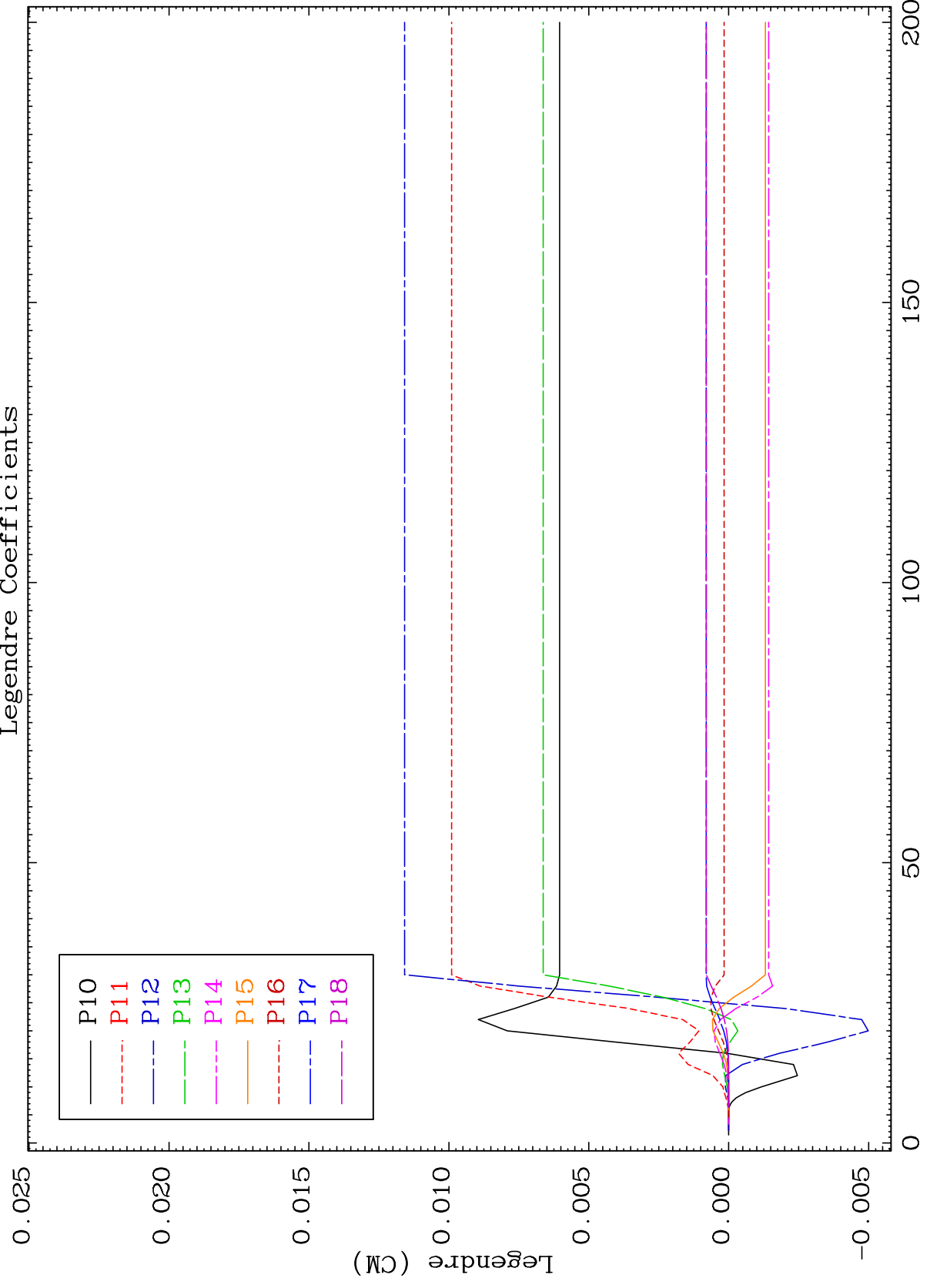
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81



94

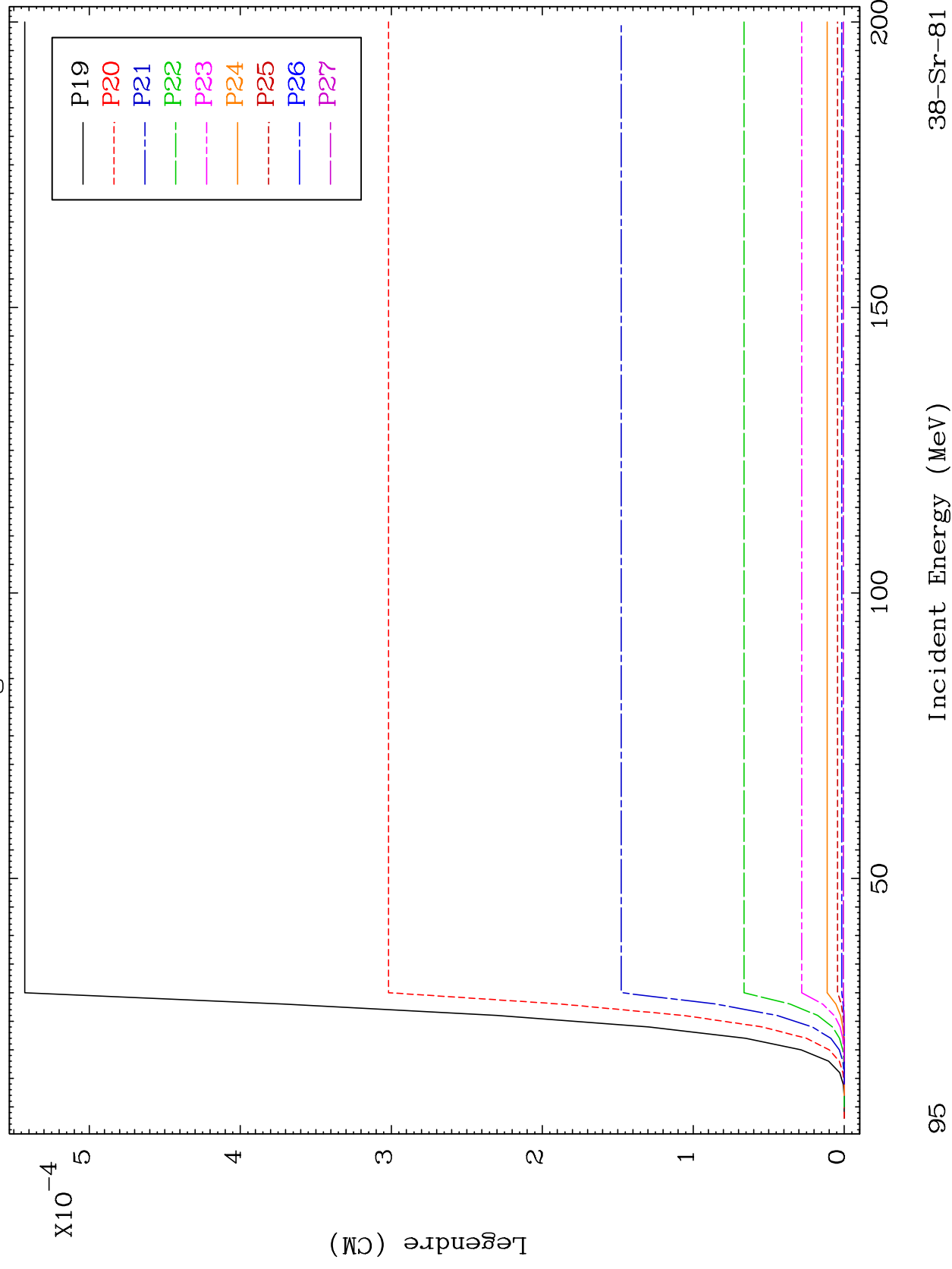
Incident Energy (MeV)

38-Sr-81

MAT 3816

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

38-Sr-81

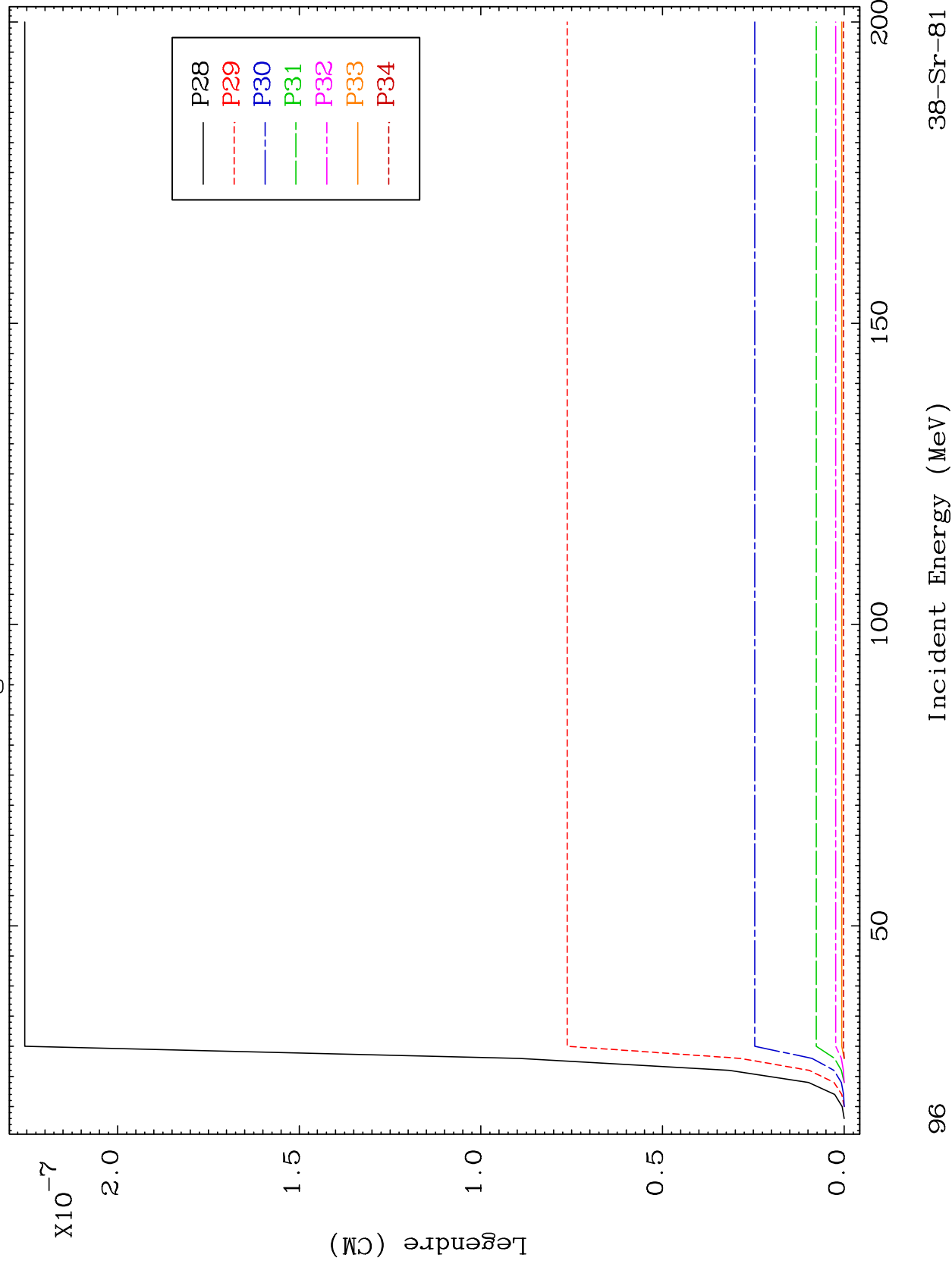




MAT 3816

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

38-Sr-81



96

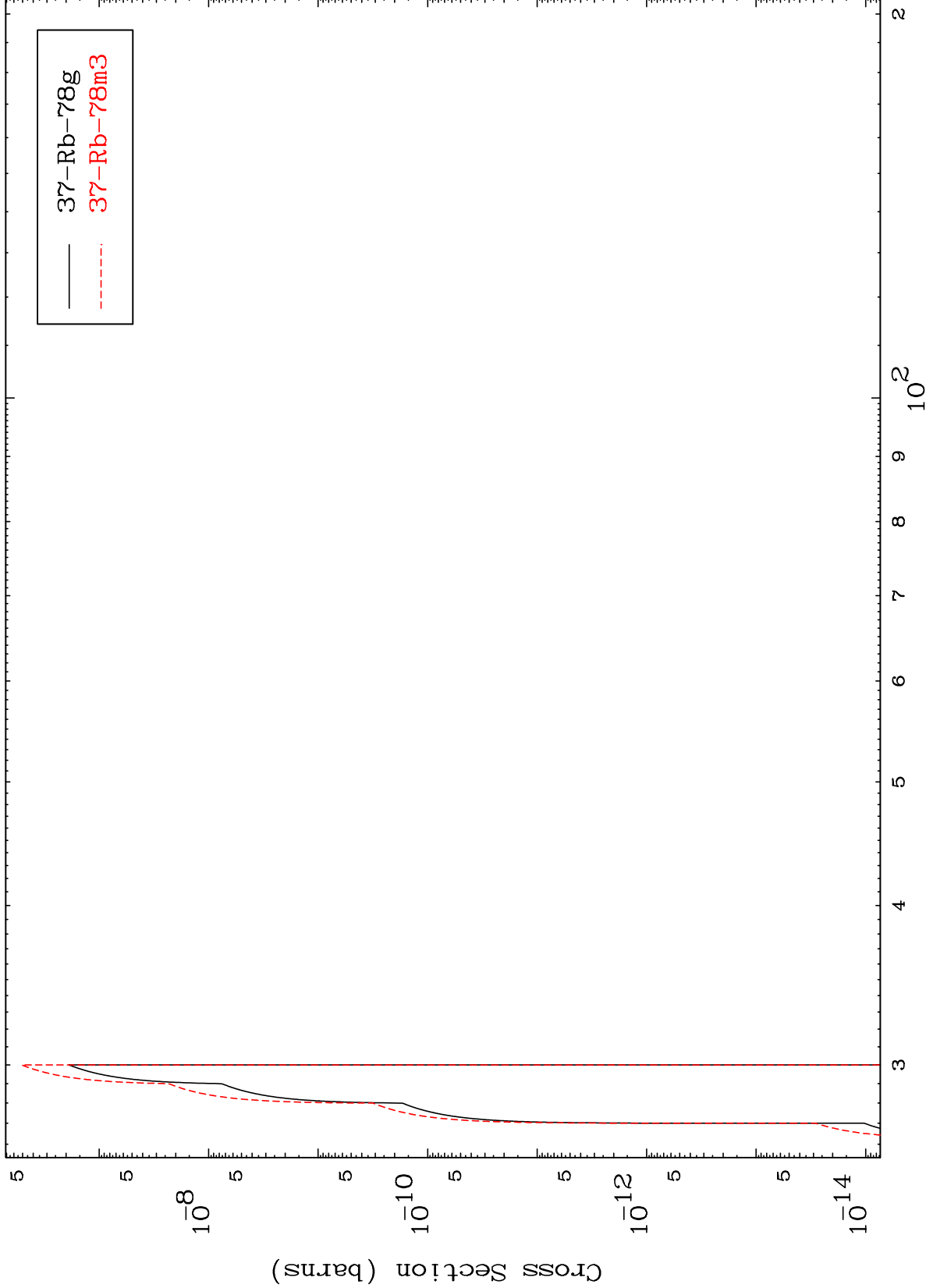
38-Sr-81

MAT 3816

(n,2n) d

38-Sr-81

Radionuclide Production Cross Section



97

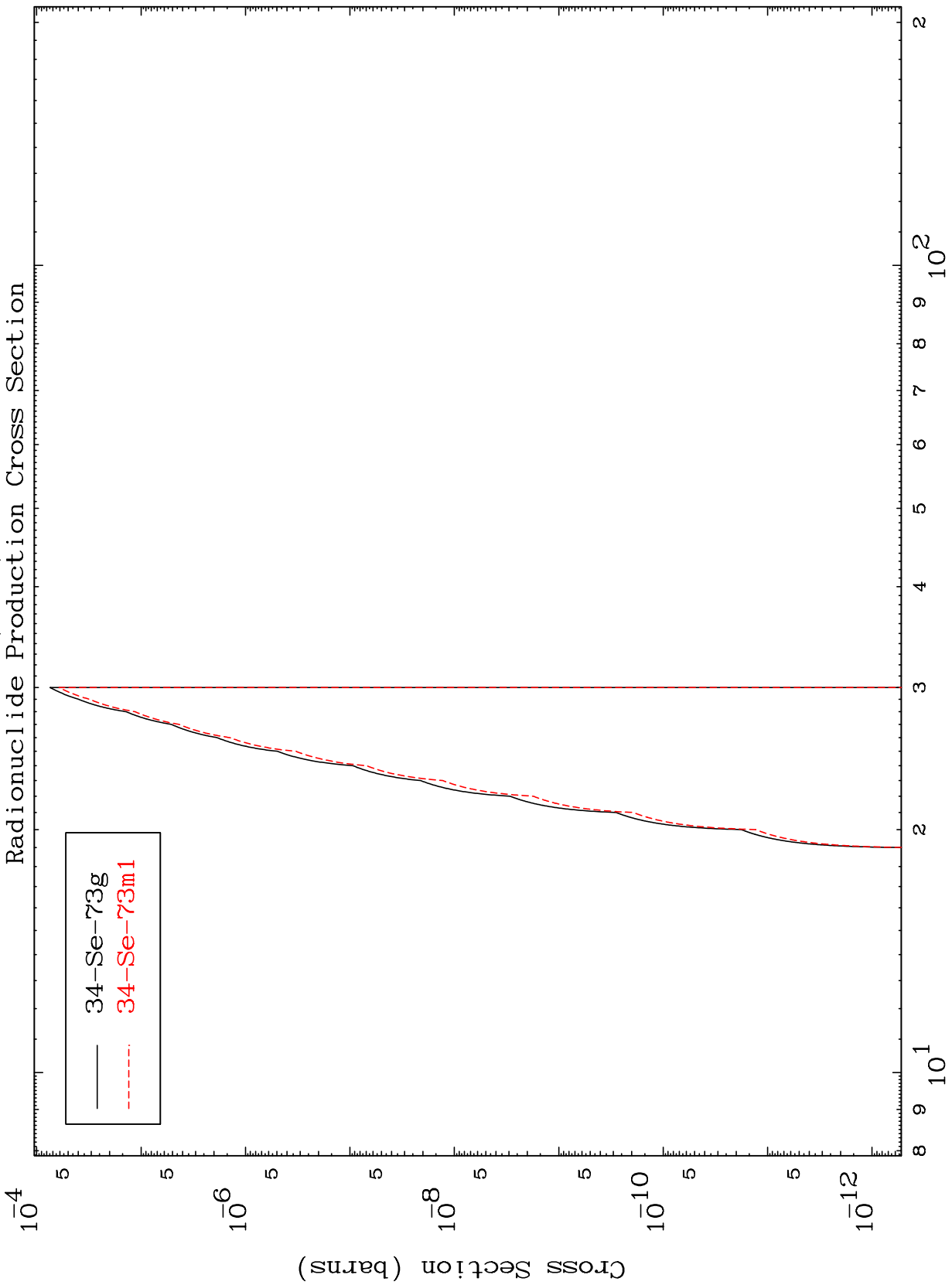
Incident Energy (MeV)

38-Sr-81

MAT 3816

38-Sr-81

(n,n') 2α  
Radionuclide Production Cross Section



34-Se-73g  
34-Se-73m1

98

Incident Energy (MeV)

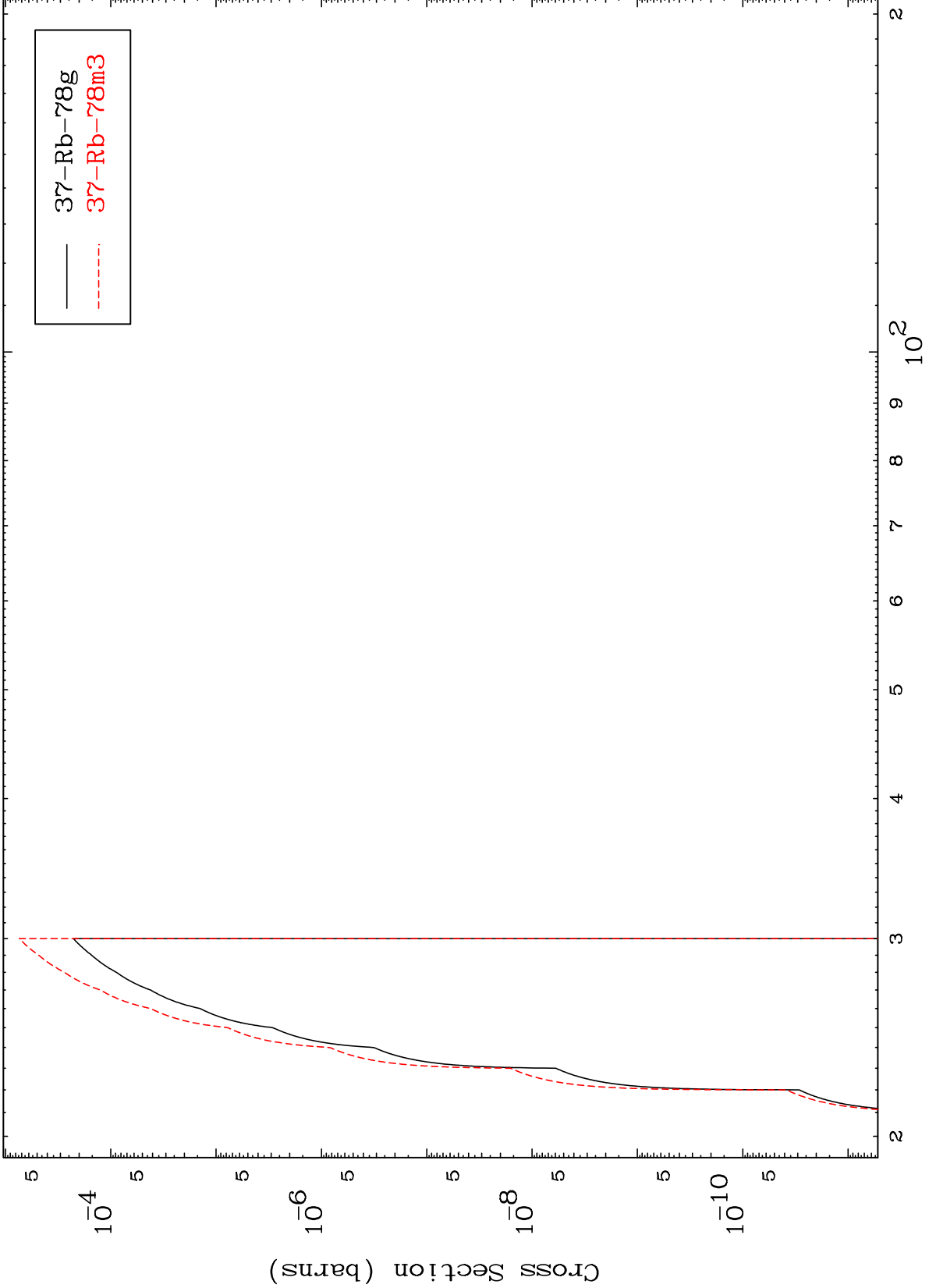
38-Sr-81

MAT 3816

(n,n') t

38-Sr-81

Radionuclide Production Cross Section



99

Incident Energy (MeV)

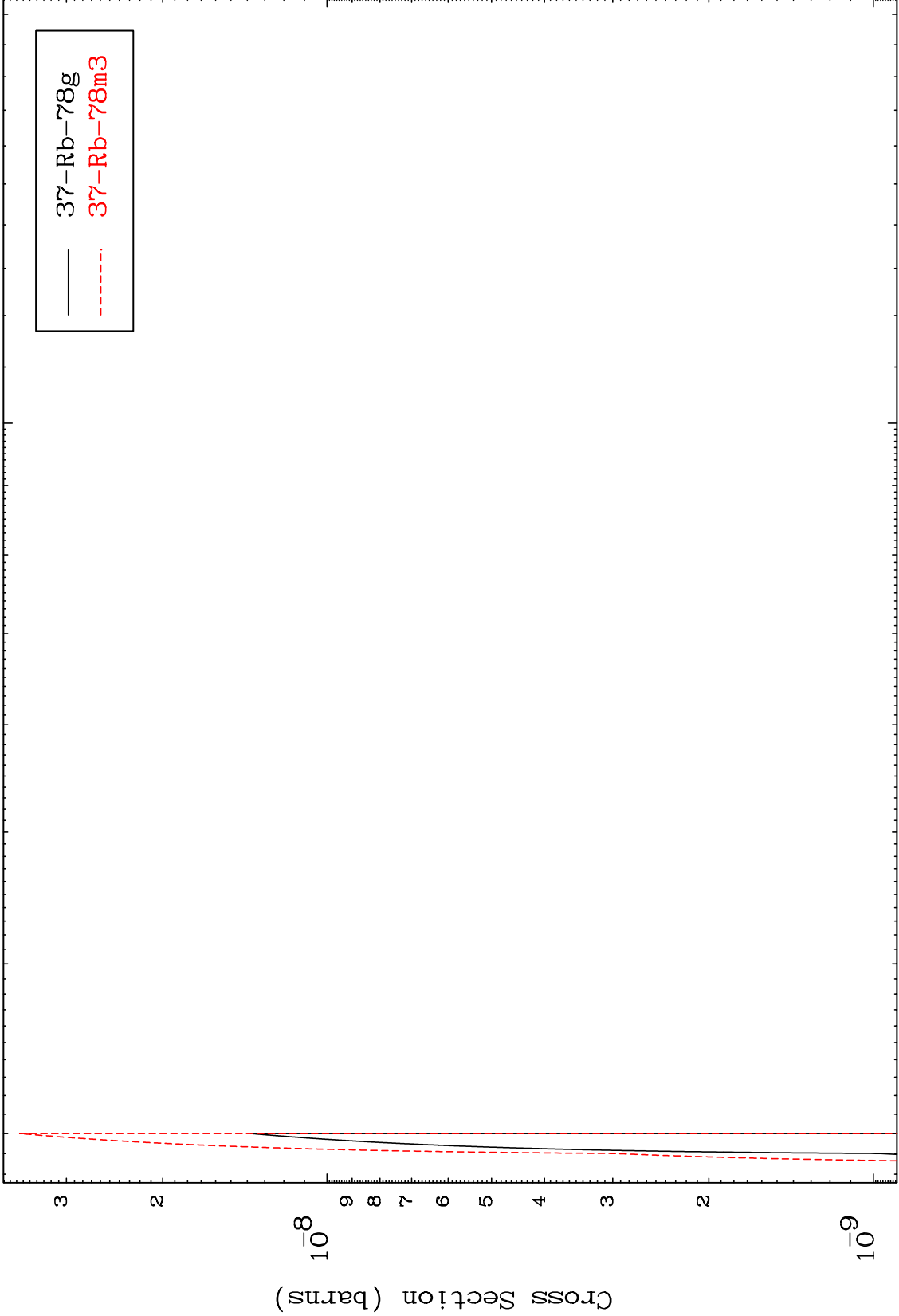
38-Sr-81

MAT 3816

(n,3n) p

38-Sr-81

Radionuclide Production Cross Section



100

Incident Energy (MeV)

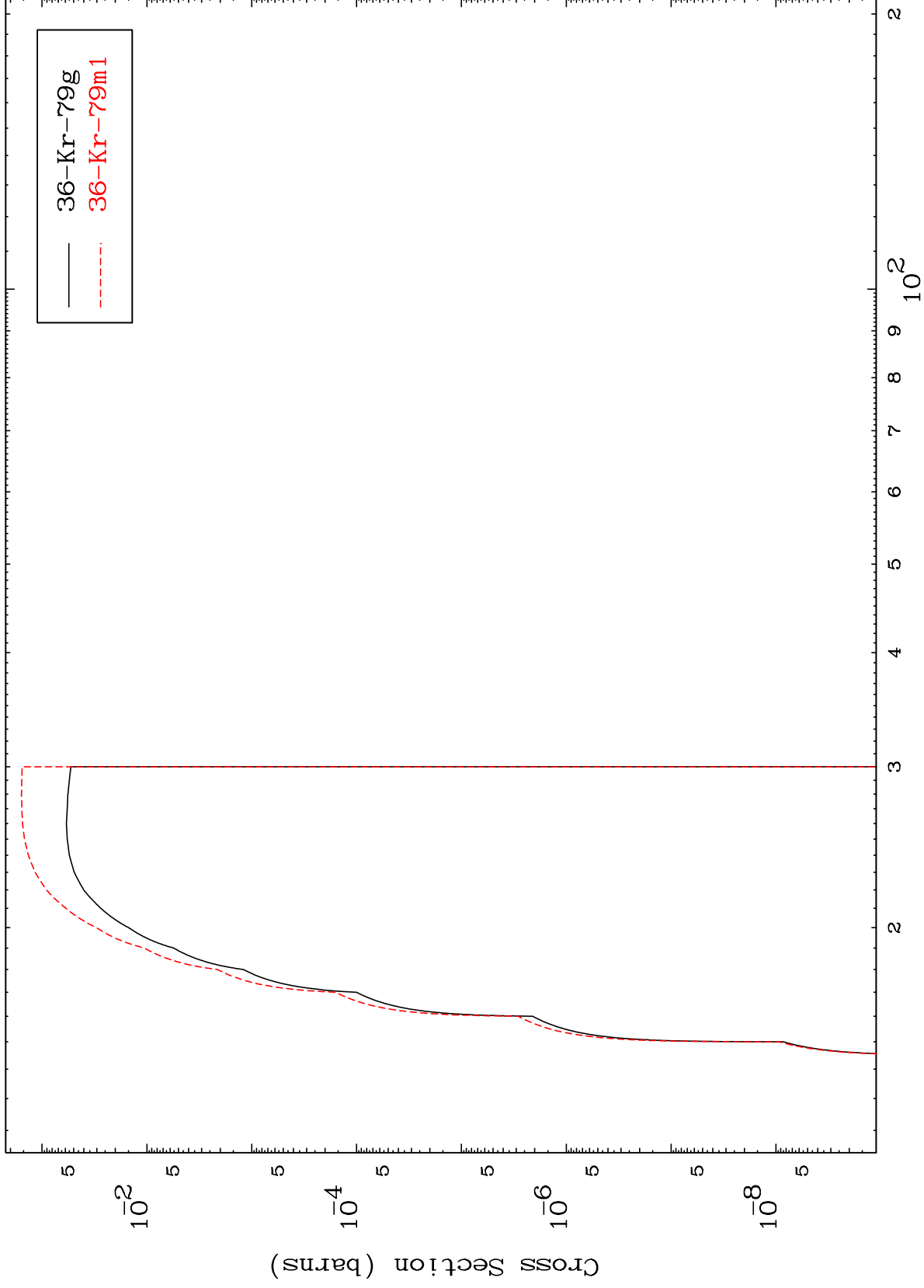
38-Sr-81

MAT 3816

(n,2n) p

38-Sr-81

Radionuclide Production Cross Section

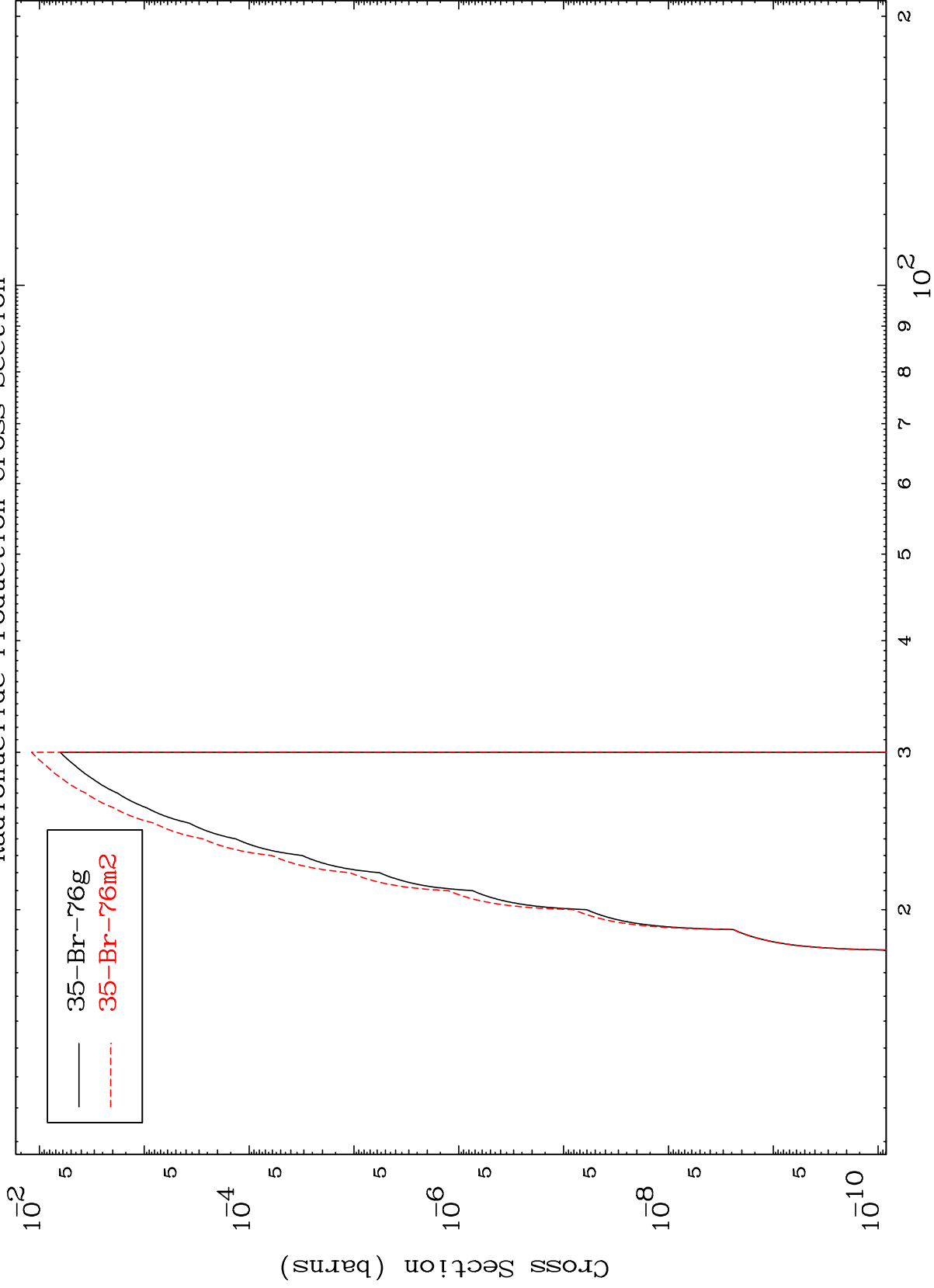


101

Incident Energy (MeV)

38-Sr-81

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

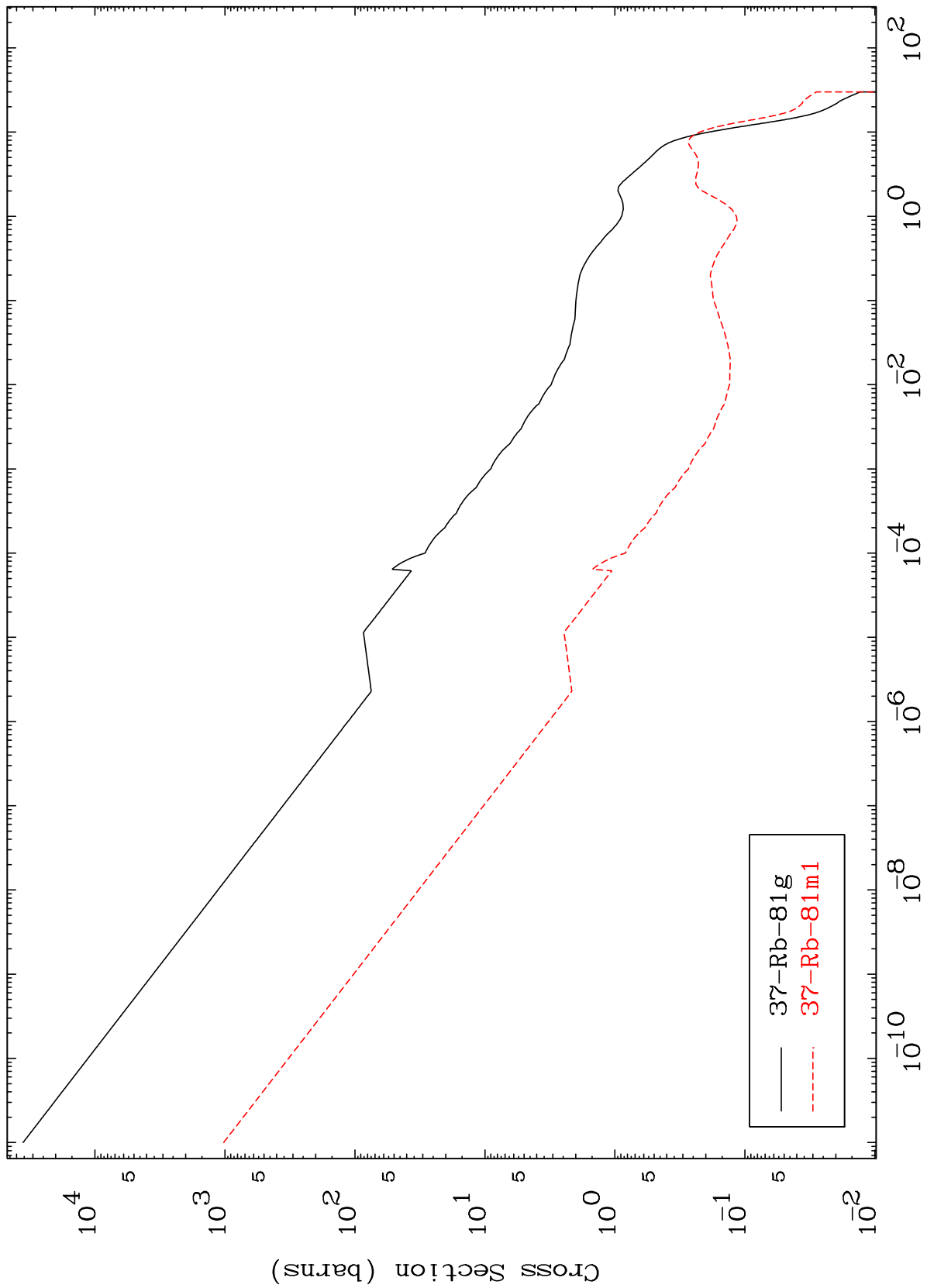


MAT 3816

38-Sr-81

Radionuclide Production Cross Section

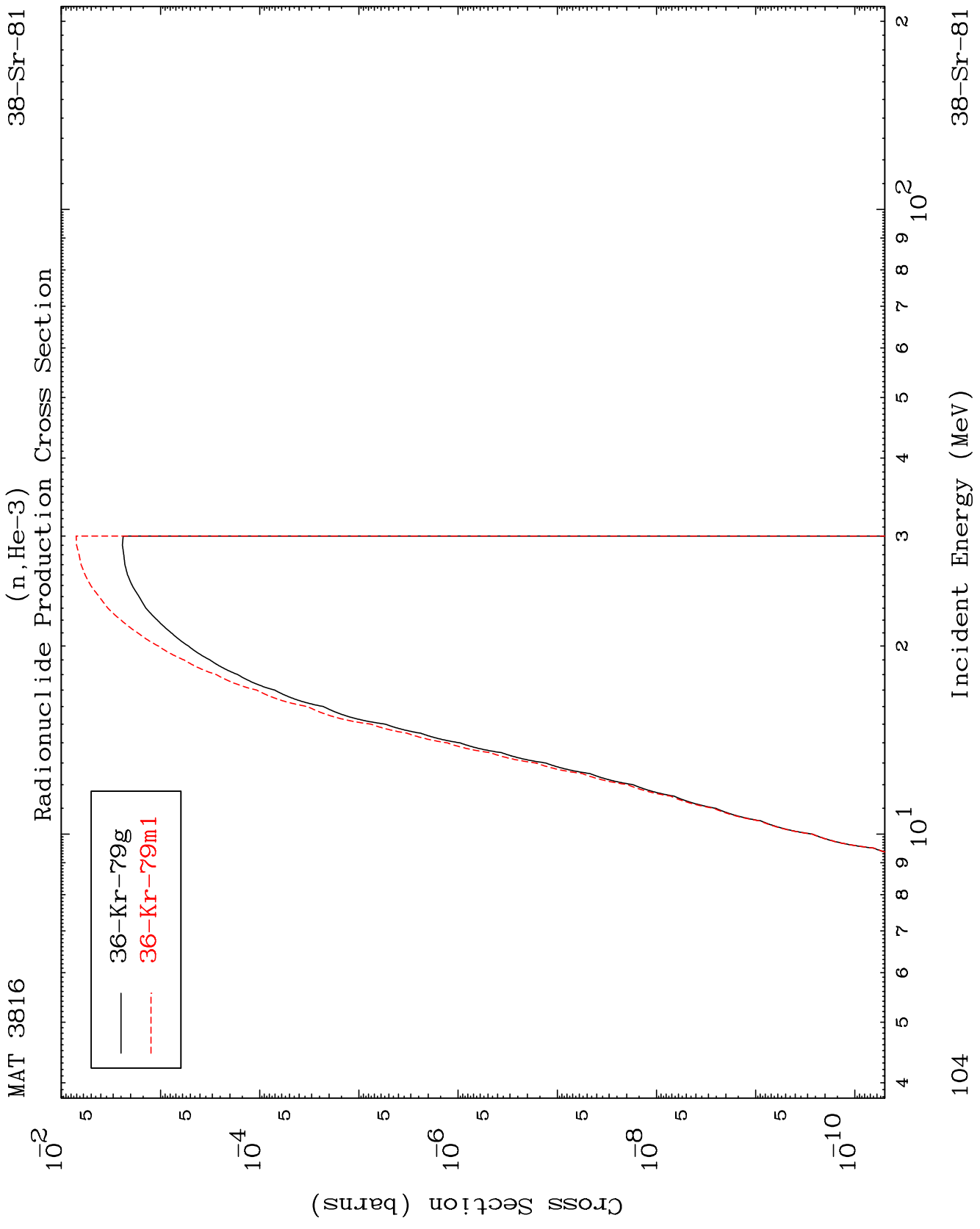
(n,p)



103

38-Sr-81



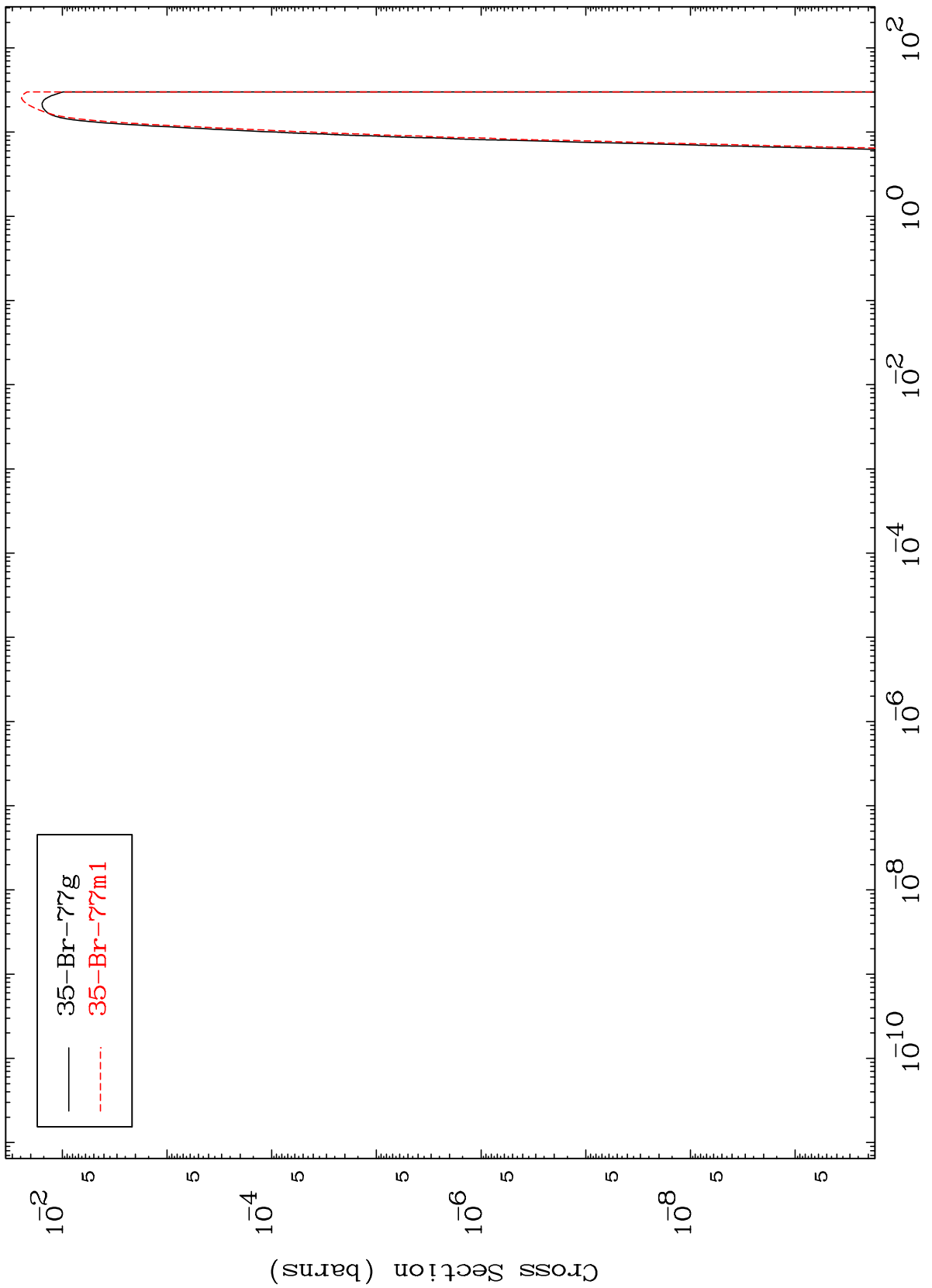


MAT 3816

(n,p)  $\alpha$

38-Sr-81

Radionuclide Production Cross Section



— 35-Br-77g  
- - - 35-Br-77m1

105

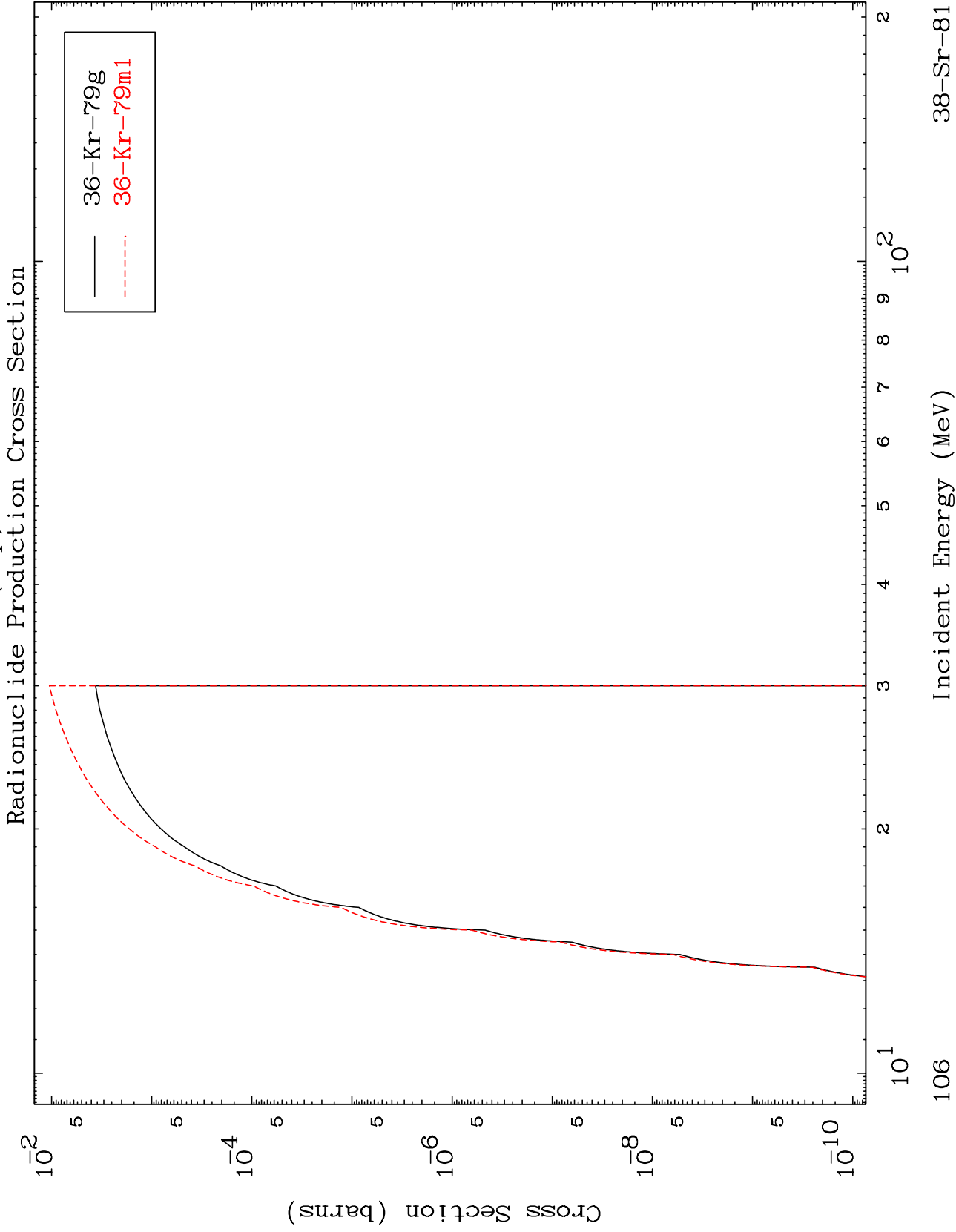
Incident Energy (MeV)

38-Sr-81

MAT 3816

(n,p) d

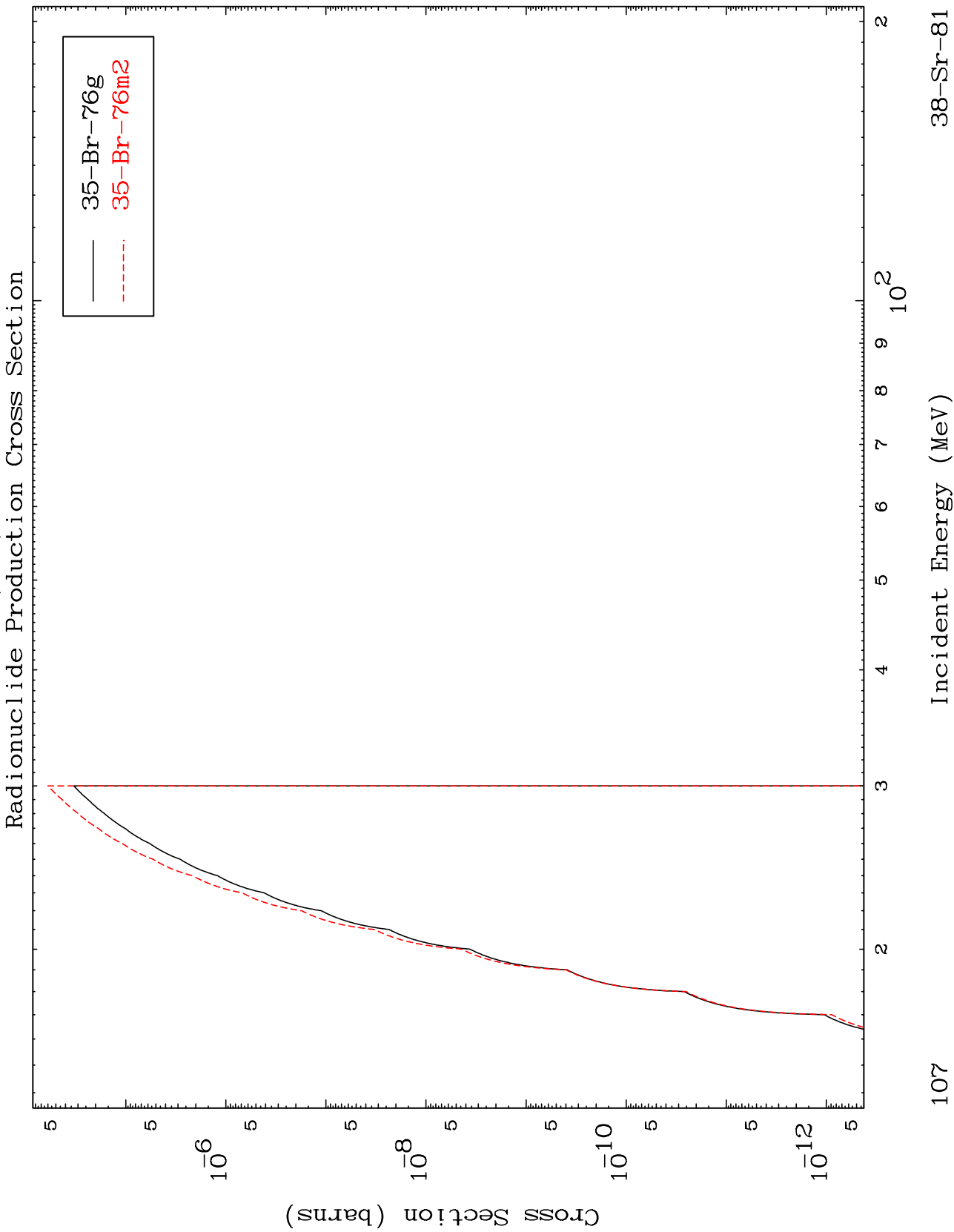
38-Sr-81



MAT 3816

(n,d)  $\alpha$

38-Sr-81



107

Incident Energy (MeV)

38-Sr-81