

Program EVALPLOT  
(Version 2018-1)

by

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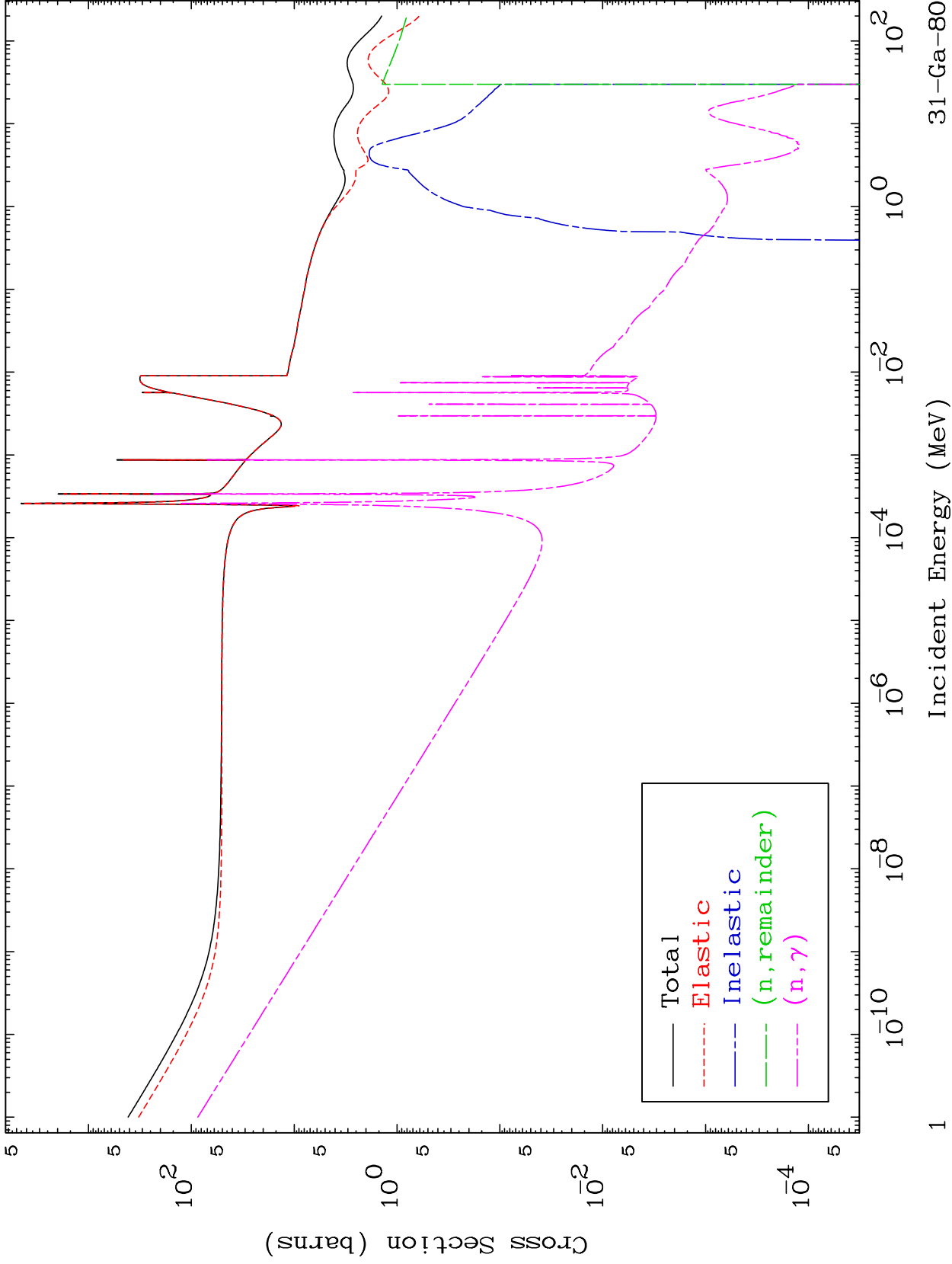
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3158

Major  
293 Kelvin Cross Sections

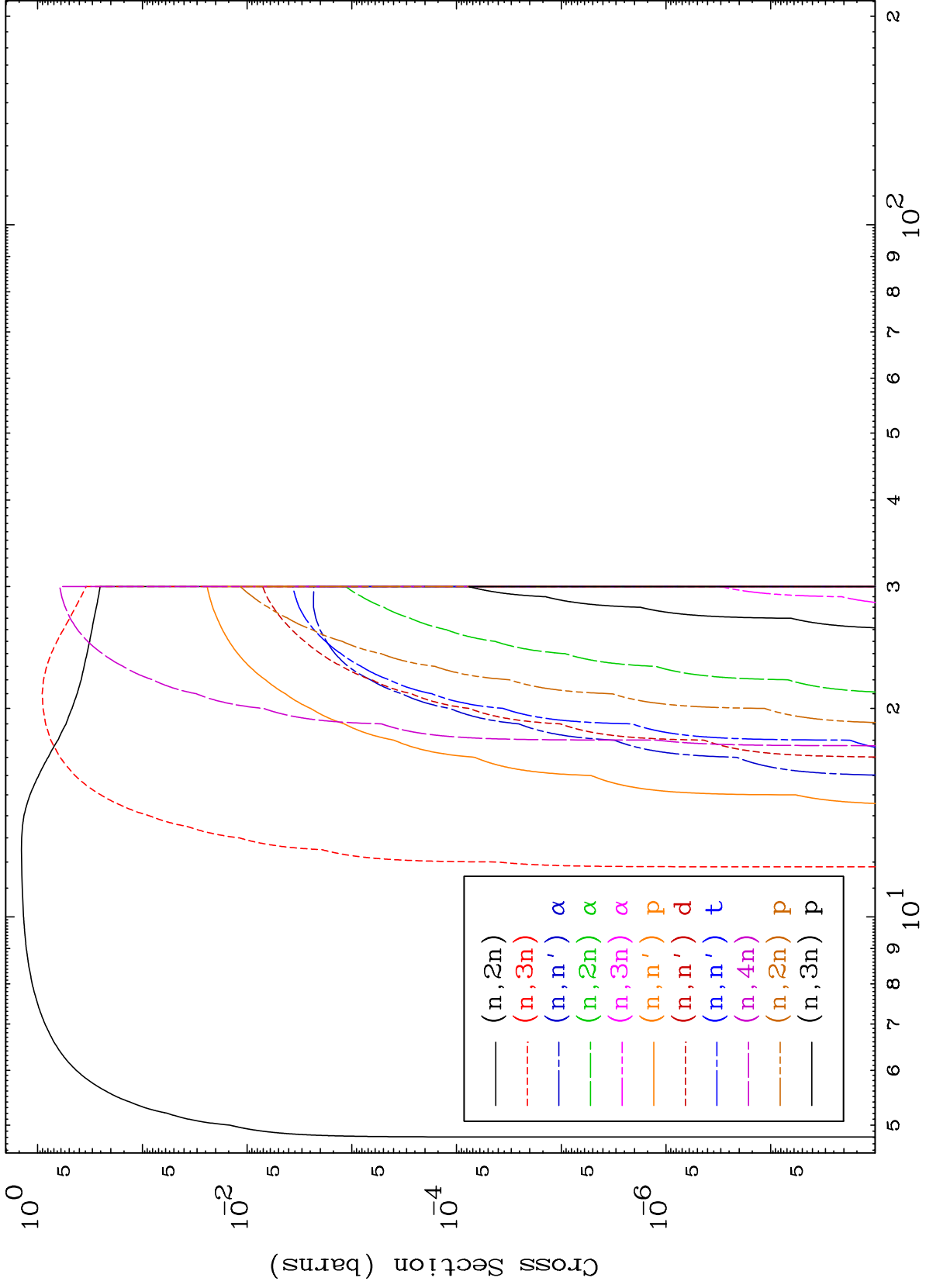
31-Ga-80



MAT 3158

Neutron Production  
293 Kelvin Cross Sections

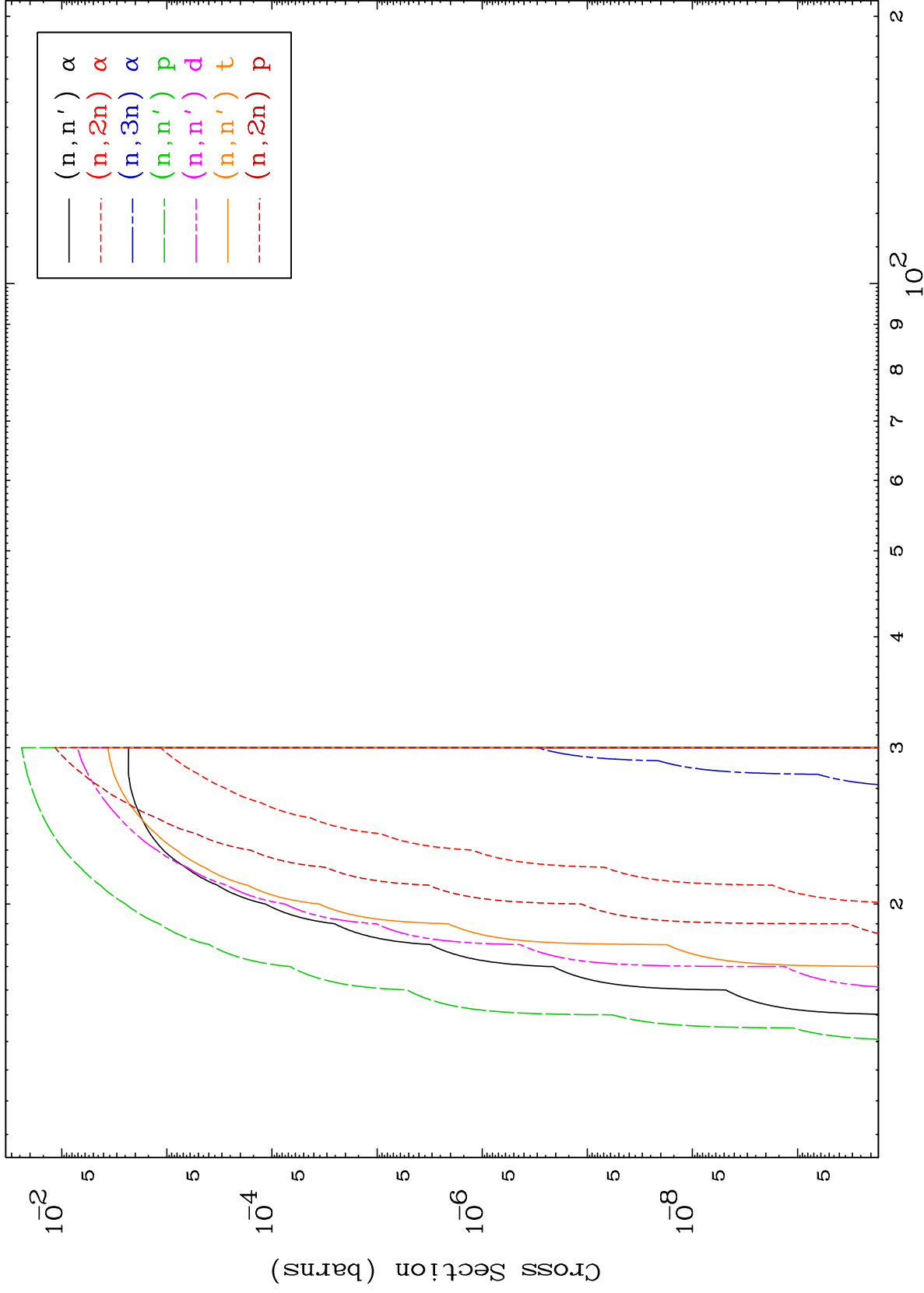
31-Ga-80

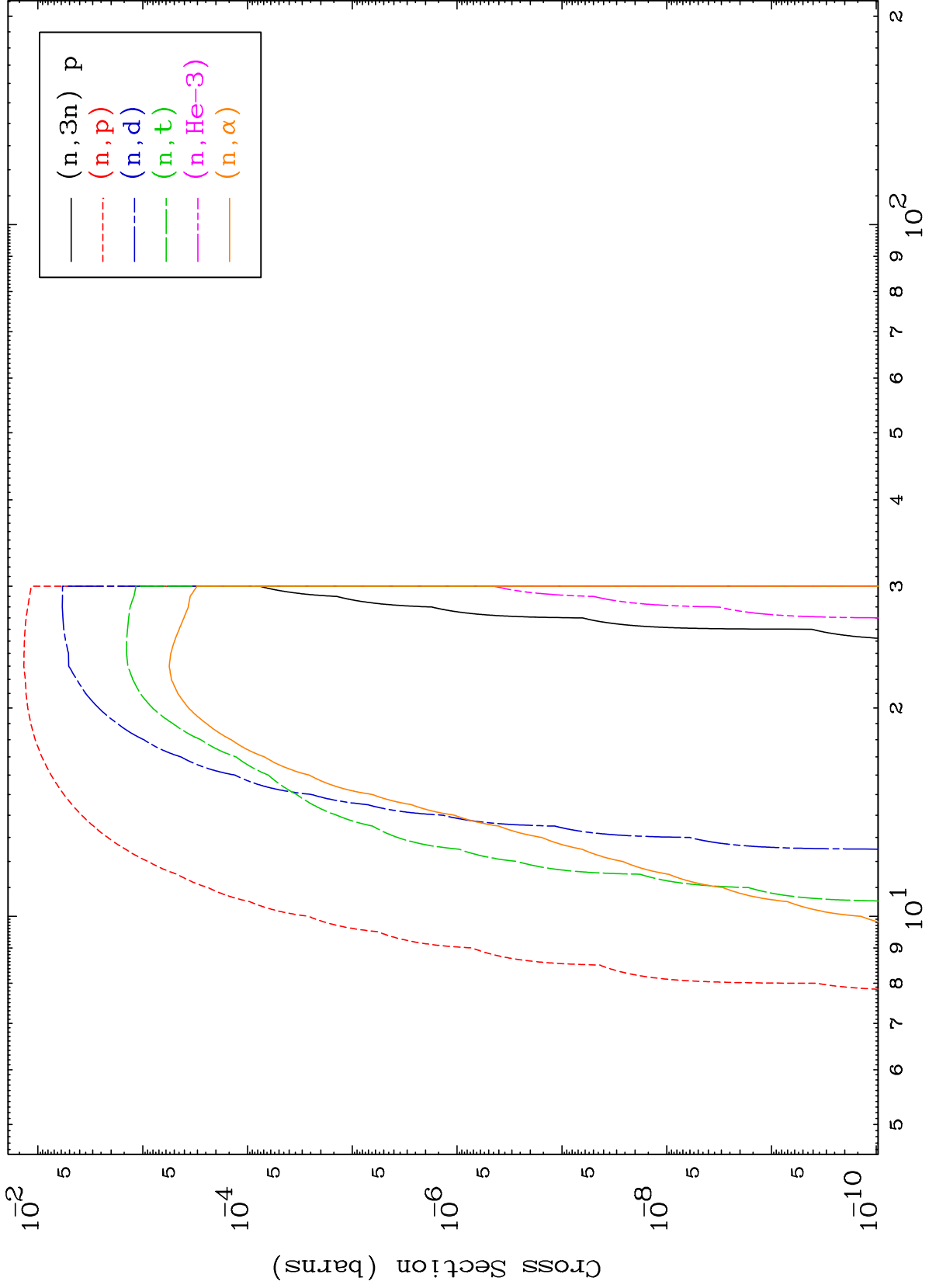


Incident Energy (MeV)

31-Ga-80

2

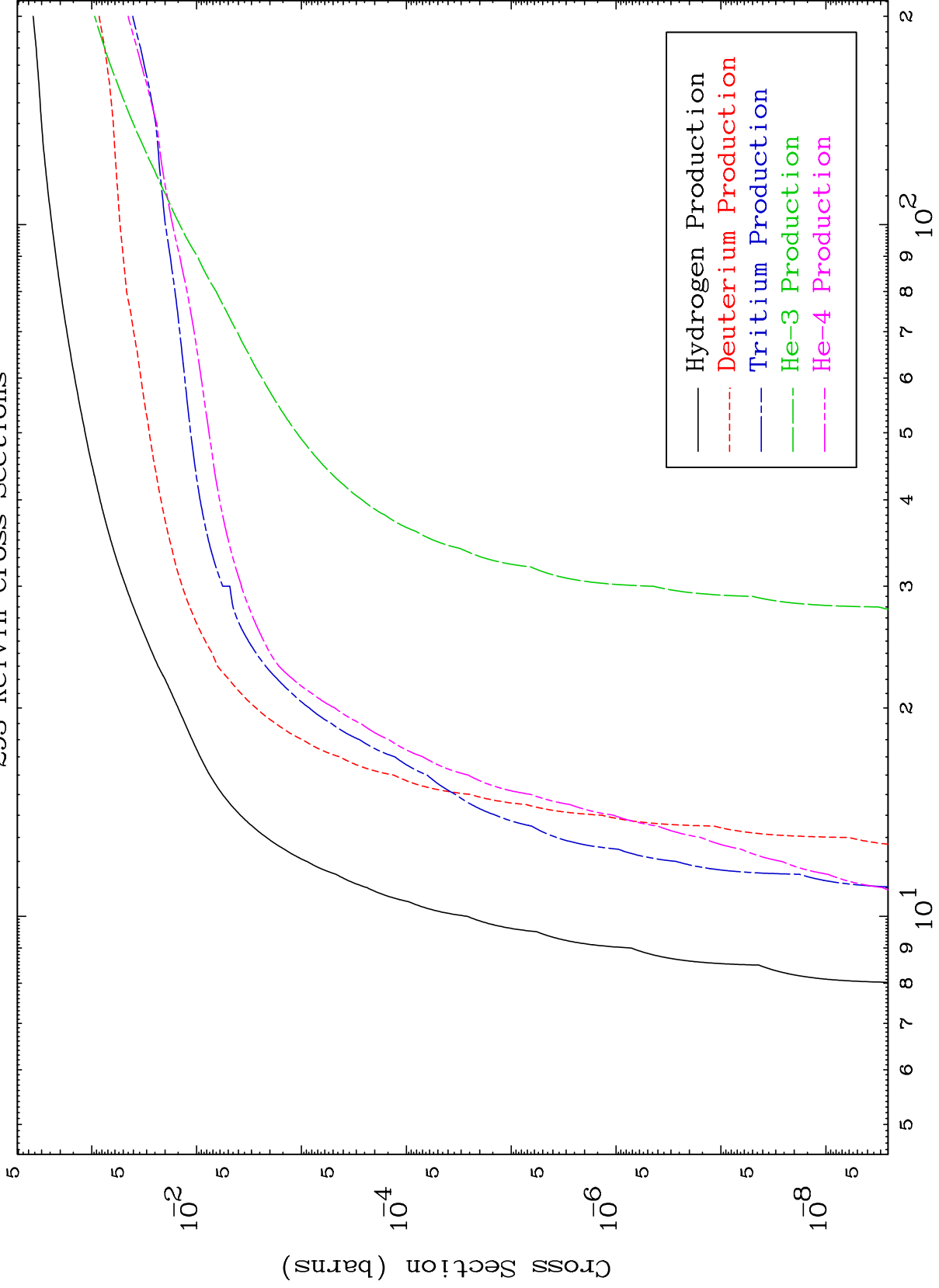




MAT 3158

Particle Production  
293 Kelvin Cross Sections

31-Ga-80



5

Incident Energy (MeV)

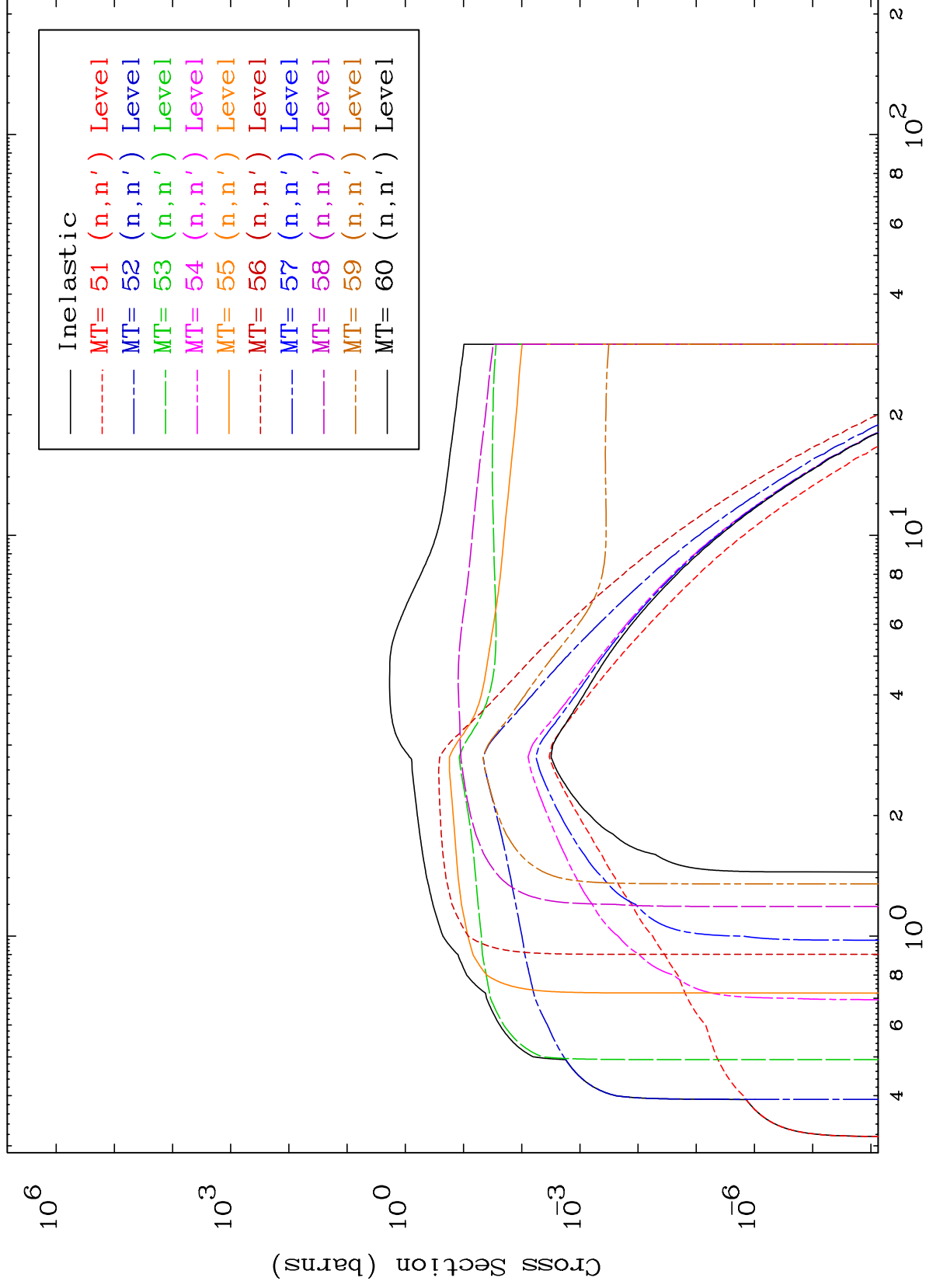
31-Ga-80

MAT 3158

(n,n') Level

31-Ga-80

293 Kelvin Cross Sections



6

Incident Energy (MeV)

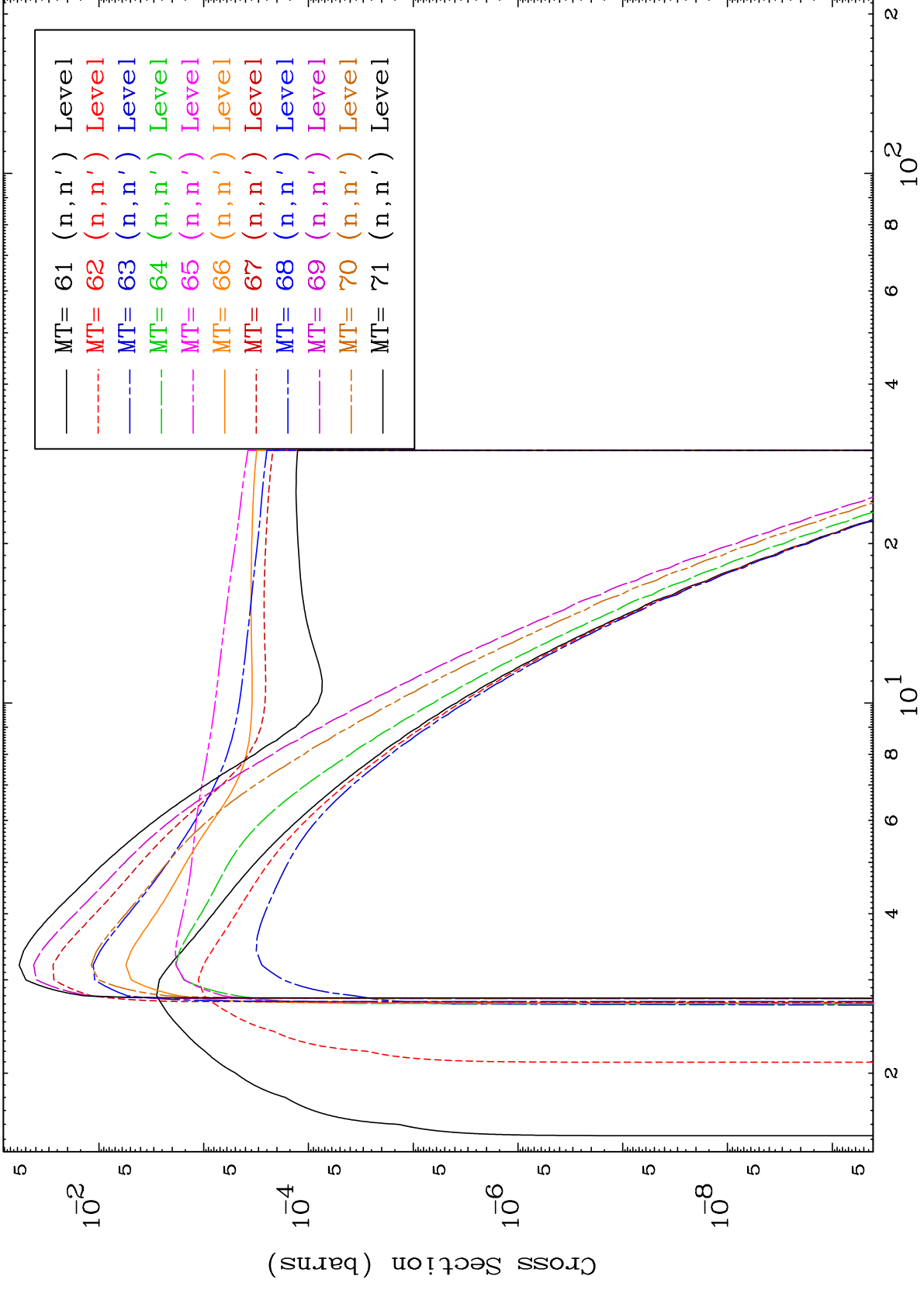
31-Ga-80

MAT 3158

(n,n') Level

31-Ga-80

293 Kelvin Cross Sections



7

Incident Energy (MeV)

31-Ga-80

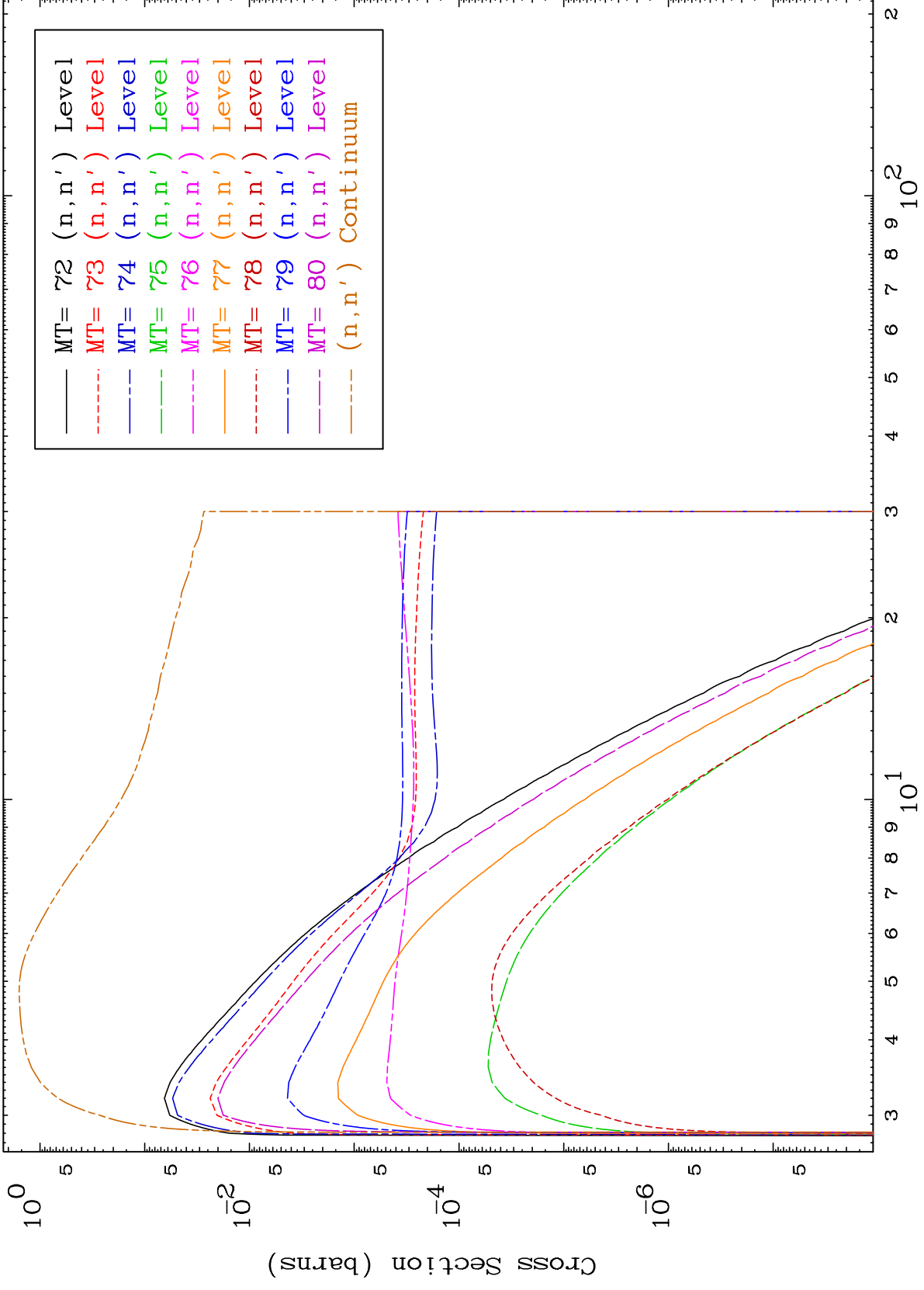


MAT 3158

(n,n') Level

31-Ga-80

293 Kelvin Cross Sections



8

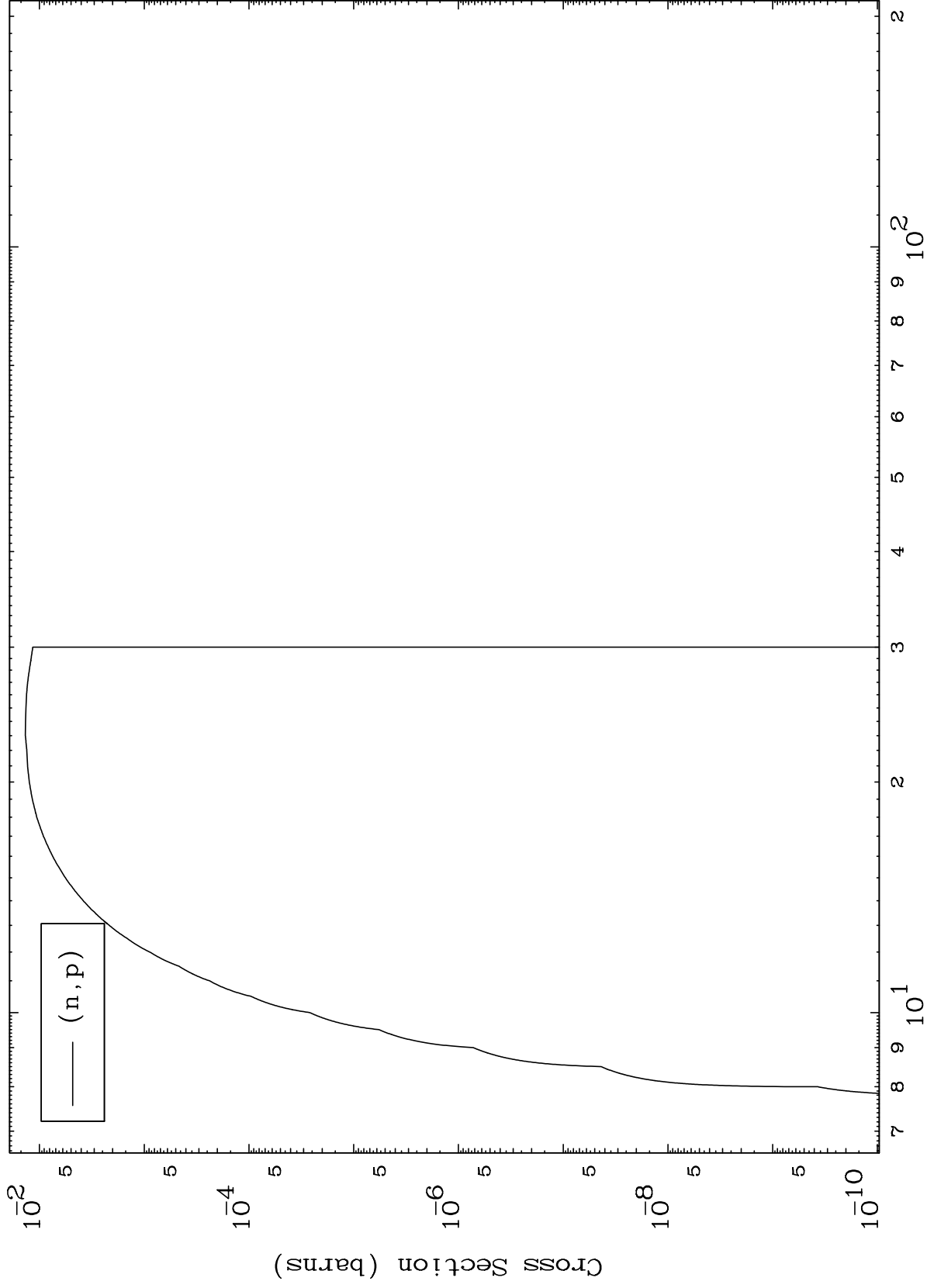
Incident Energy (MeV)

31-Ga-80

MAT 3158

(n,p) Levels  
293 Kelvin Cross Sections

31-Ga-80



9

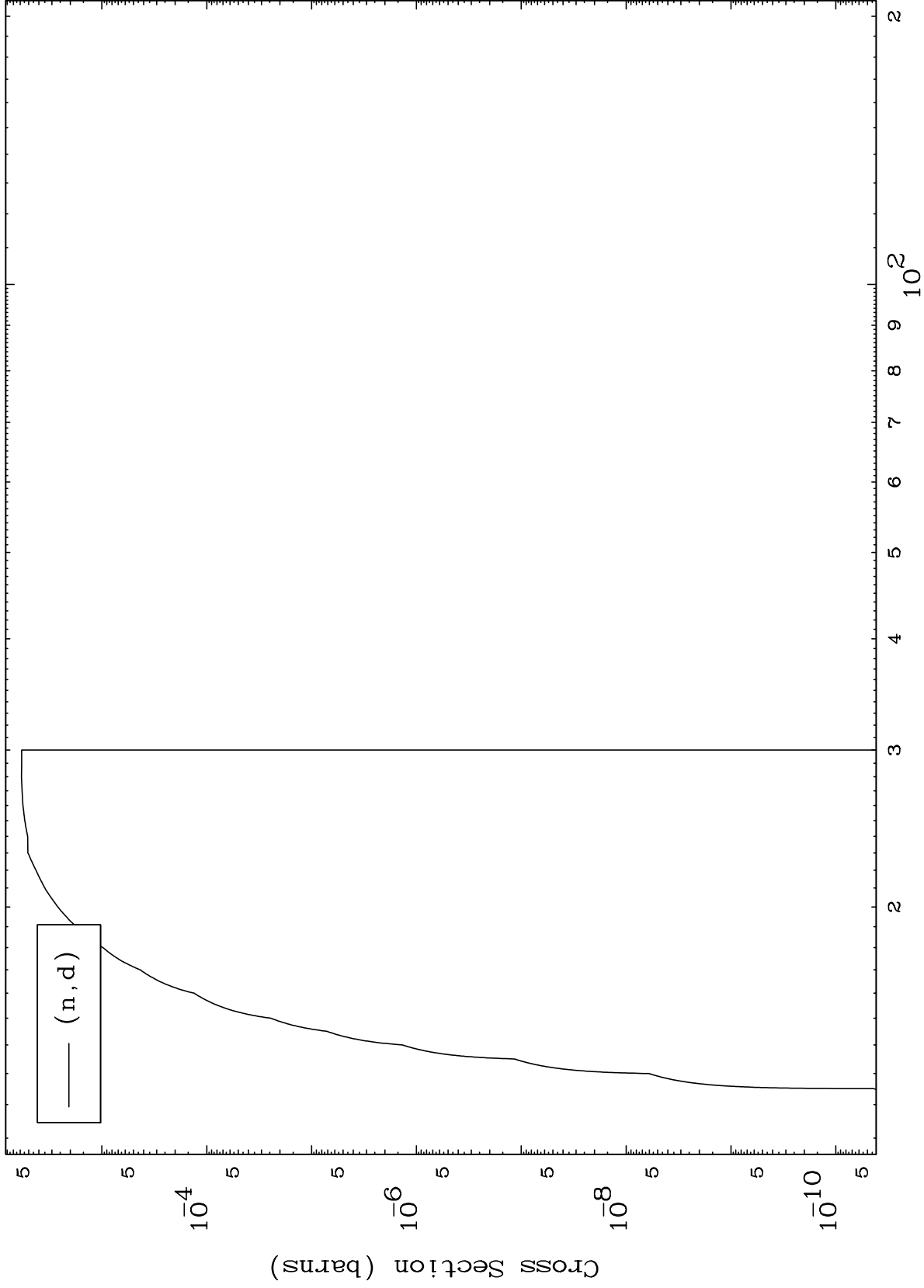
Incident Energy (MeV)

31-Ga-80

MAT 3158

(n,d) Levels  
293 Kelvin Cross Sections

31-Ga-80



10

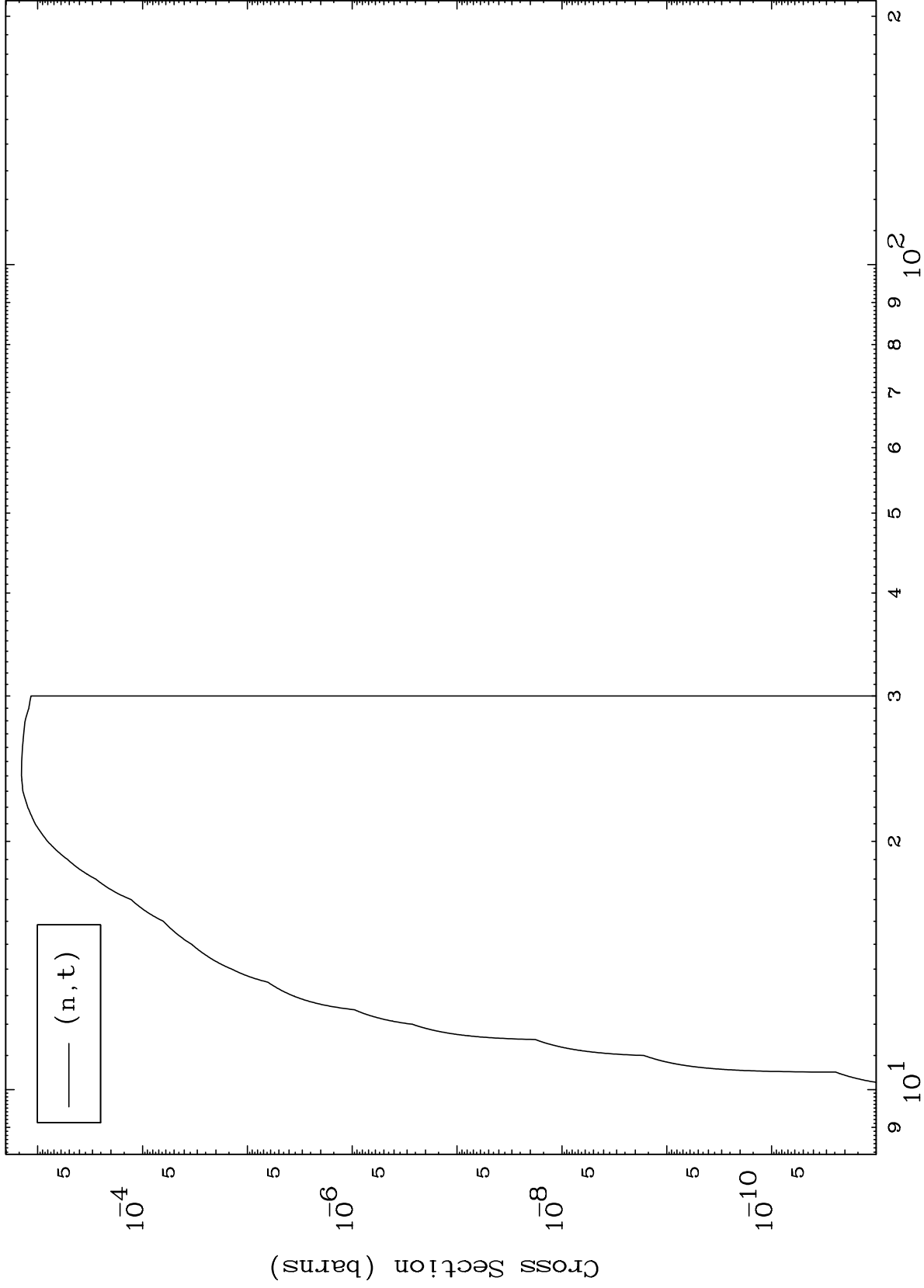
Incident Energy (MeV)

31-Ga-80

MAT 3158

(n,t) Levels  
293 Kelvin Cross Sections

31-Ga-80



11

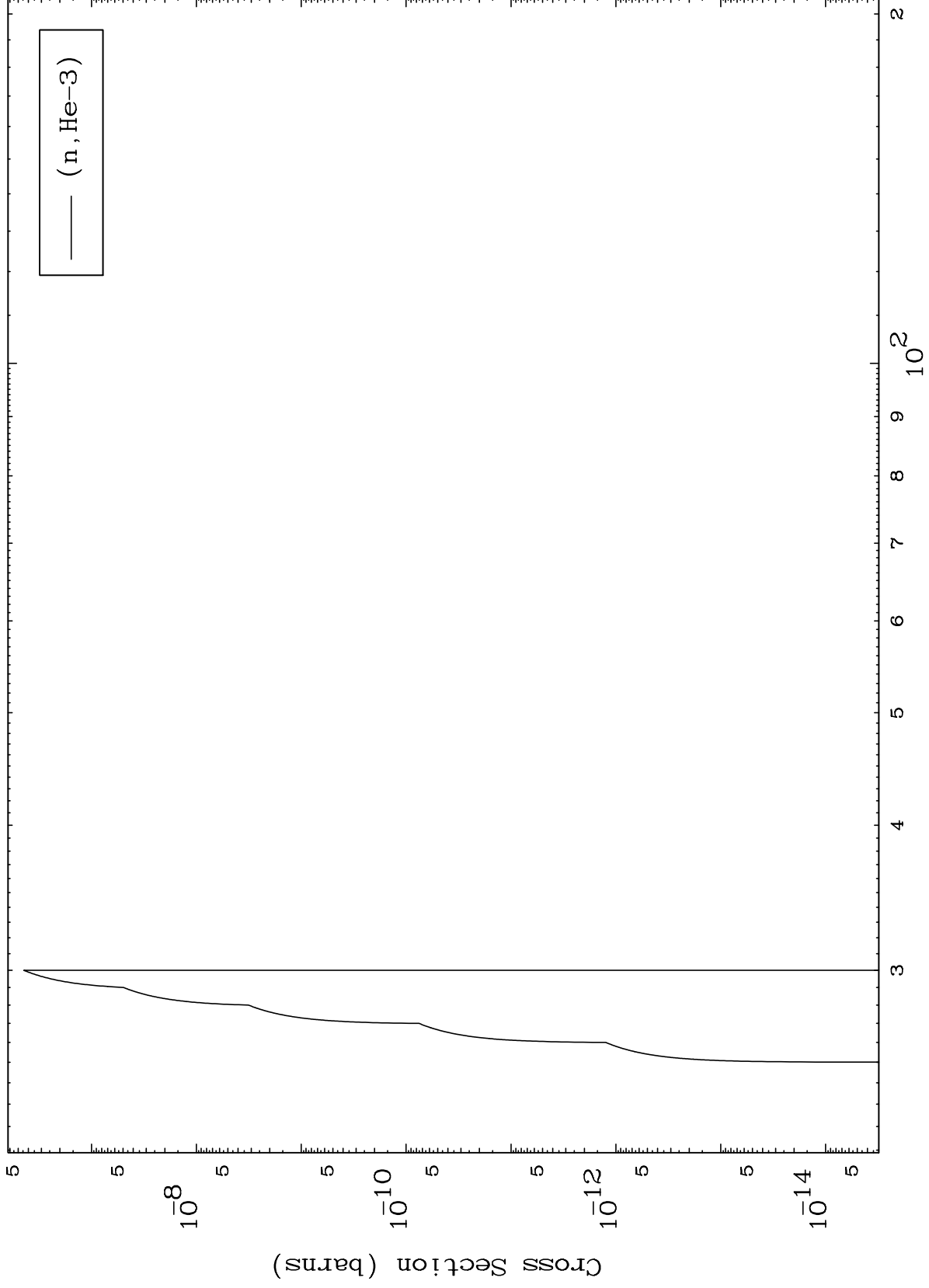
Incident Energy (MeV)

31-Ga-80

MAT 3158

(n,He3) Levels  
293 Kelvin Cross Sections

31-Ga-80



12

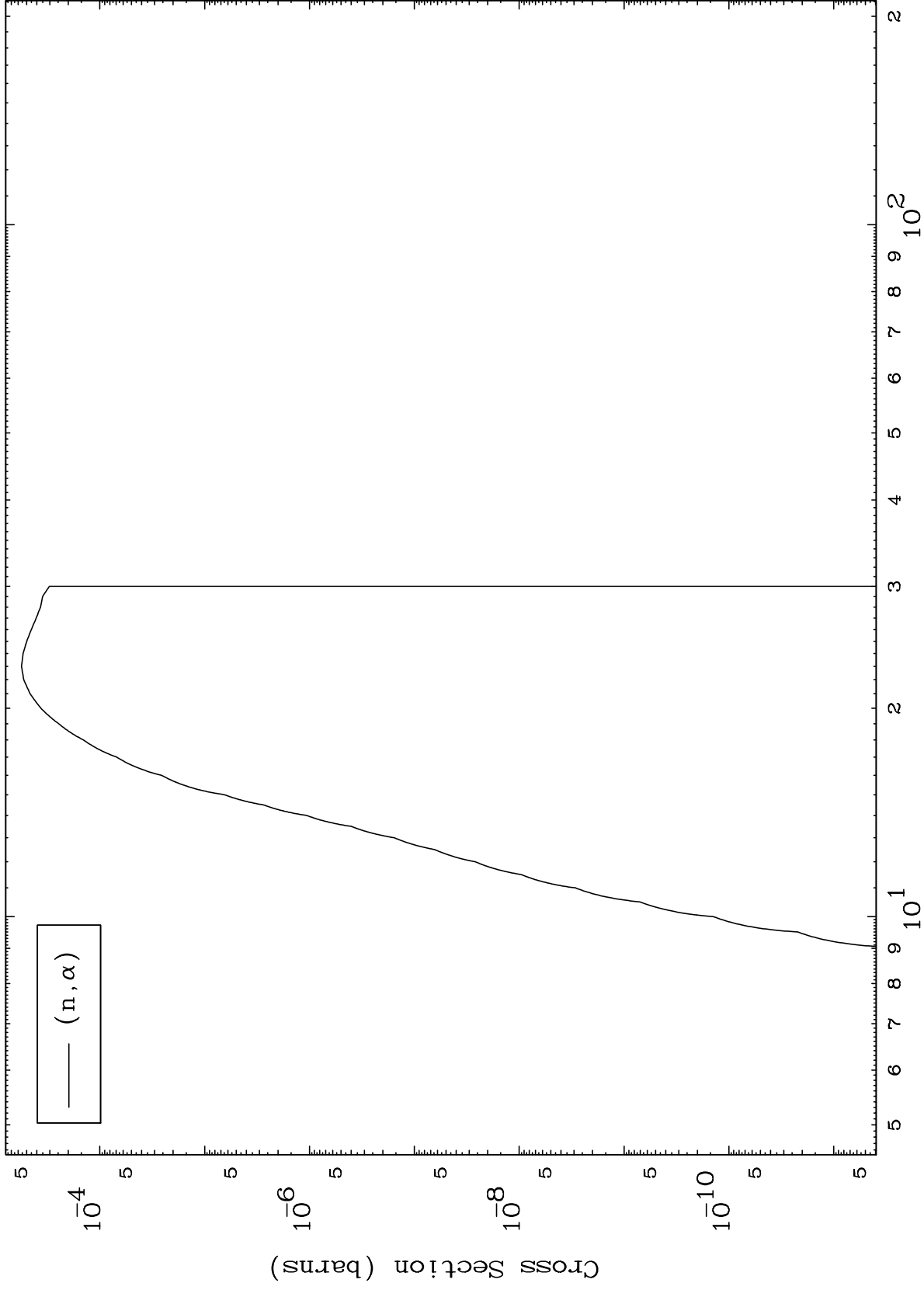
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

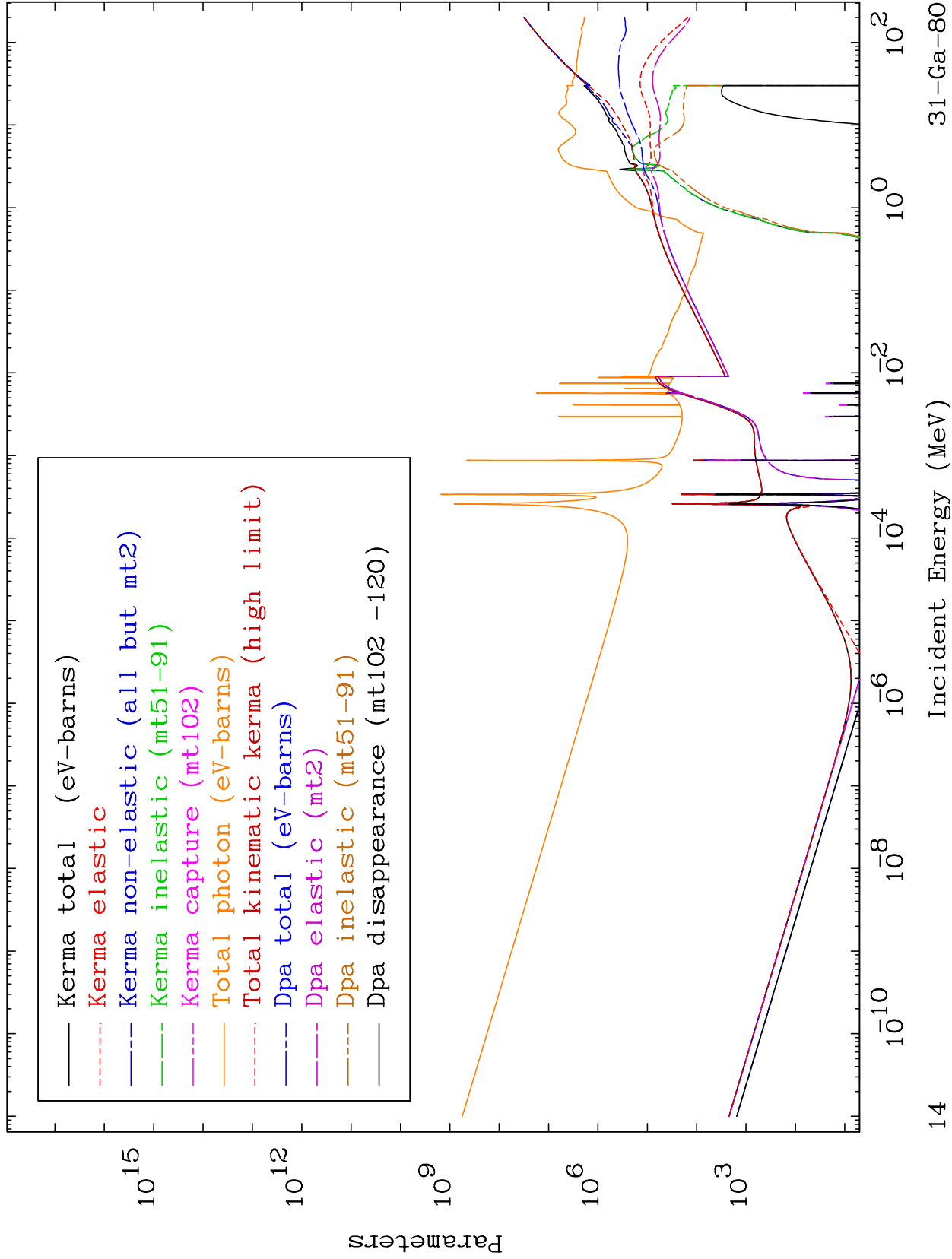
31-Ga-80



13

Incident Energy (MeV)

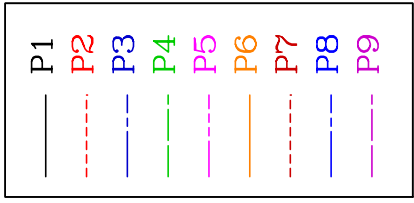
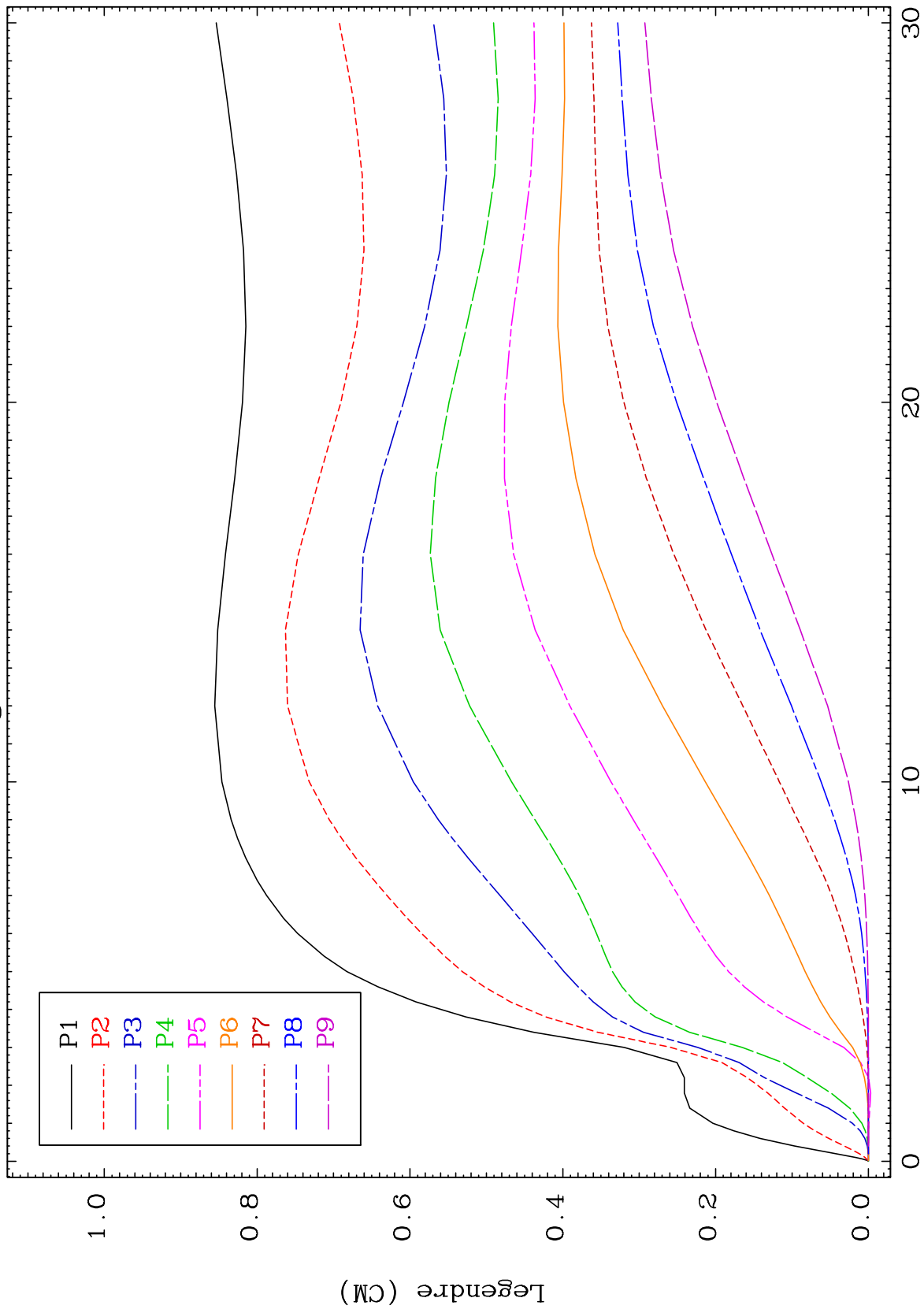
31-Ga-80



MAT 3158

Elastic Legendre Coefficients

31-Ga-80



15

Incident Energy (MeV)

31-Ga-80

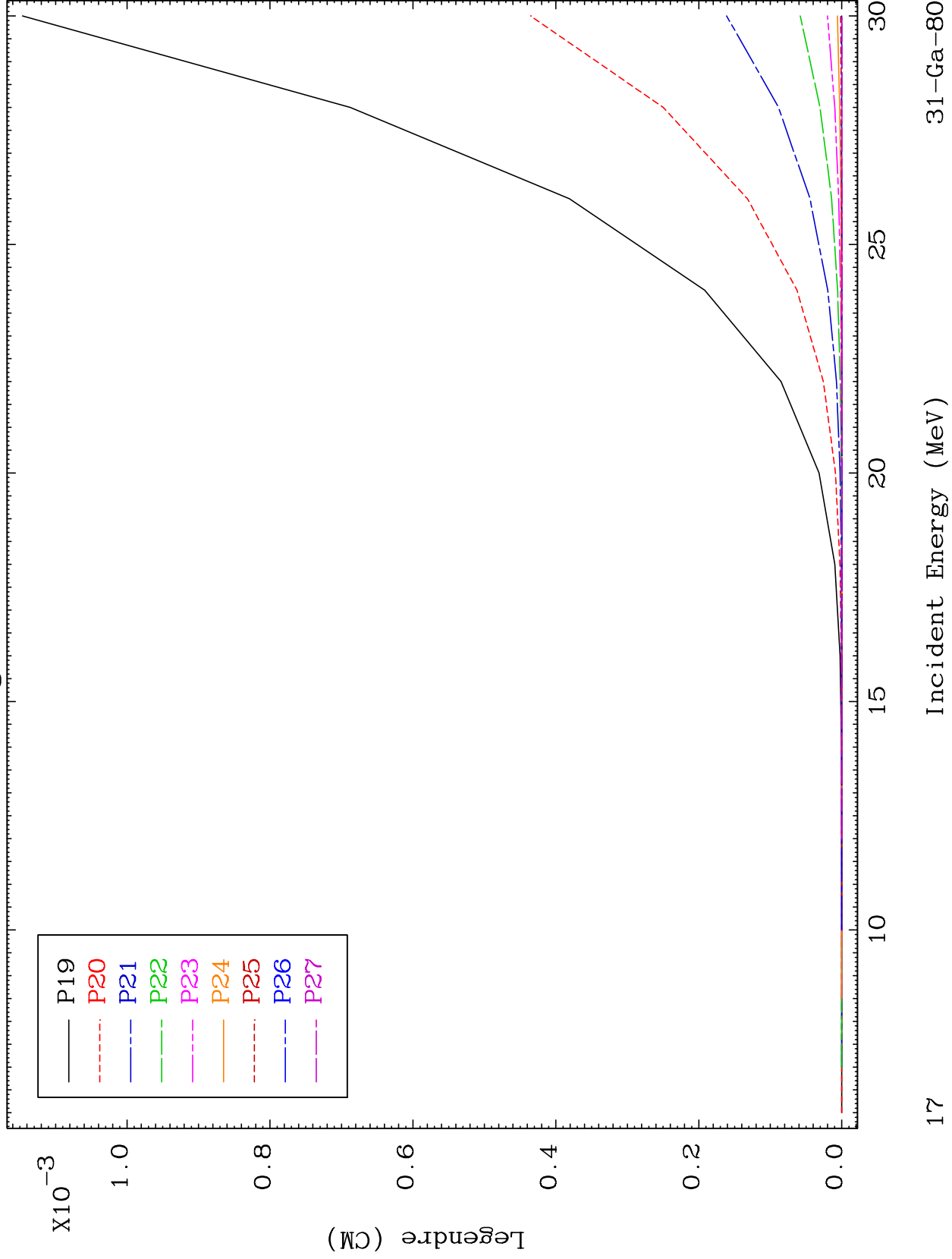




MAT 3158

### Elastic Legendre Coefficients

31-Ga-80



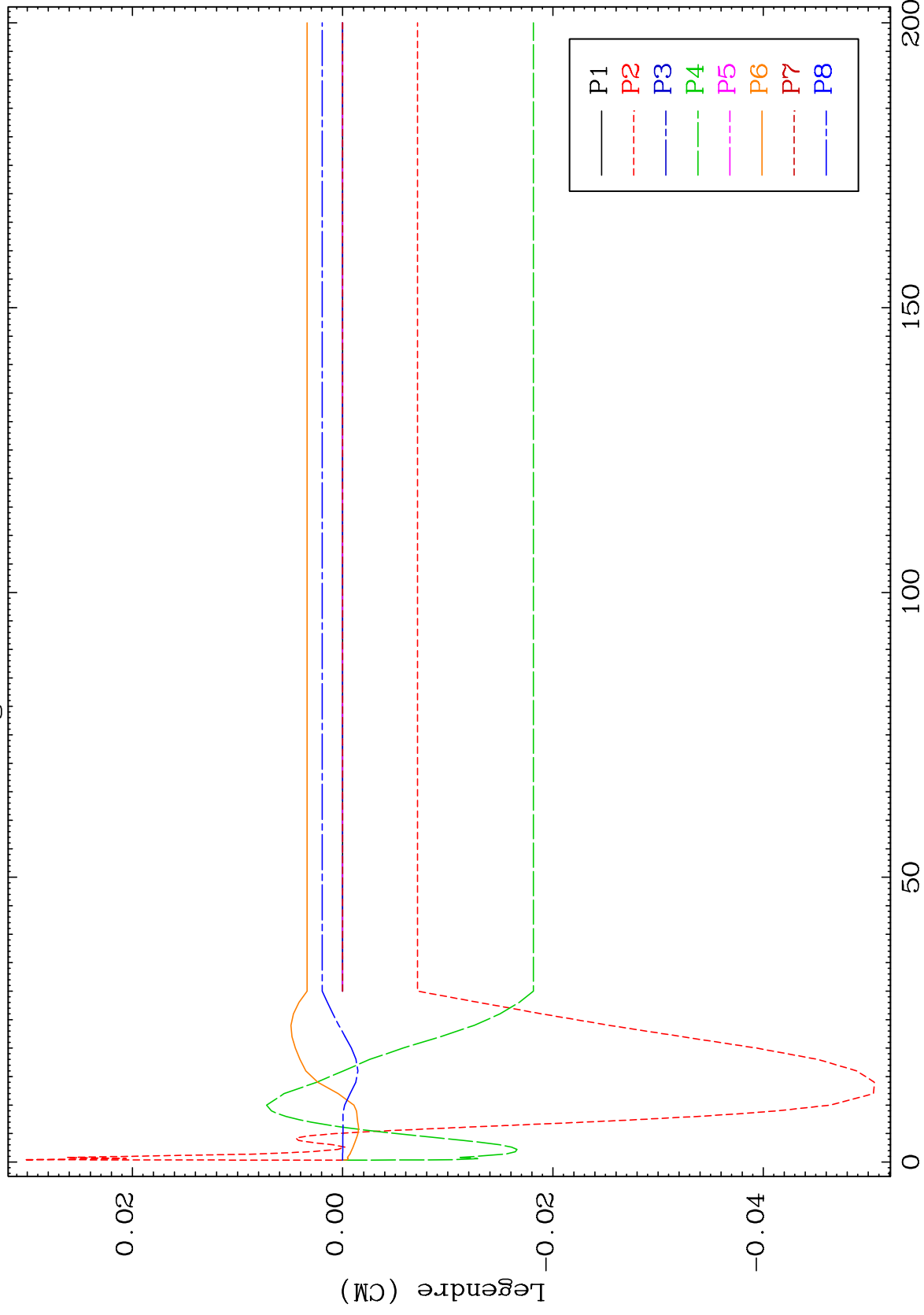
17



MAT 3158

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

31-Ga-80



19

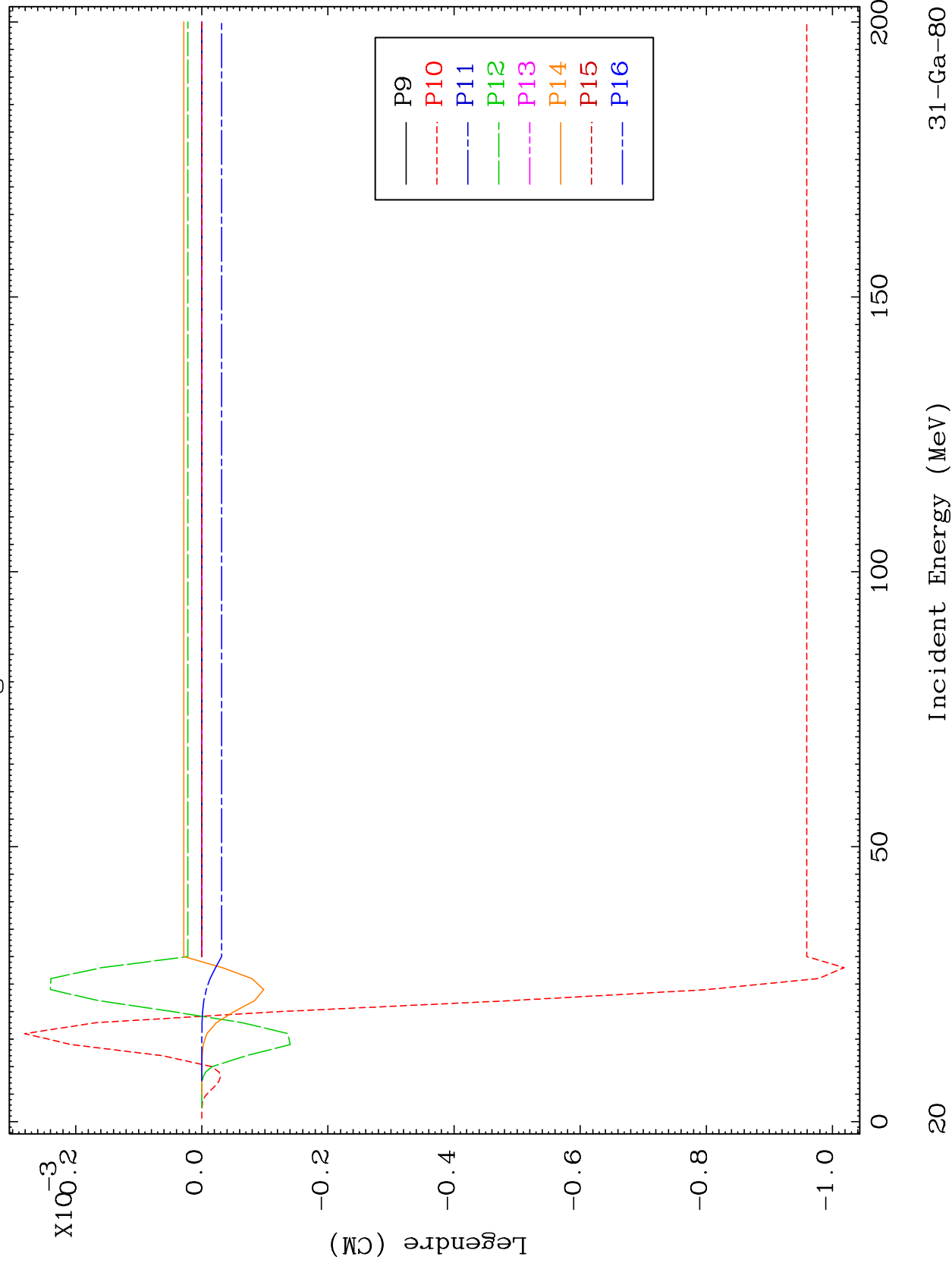
Incident Energy (MeV)

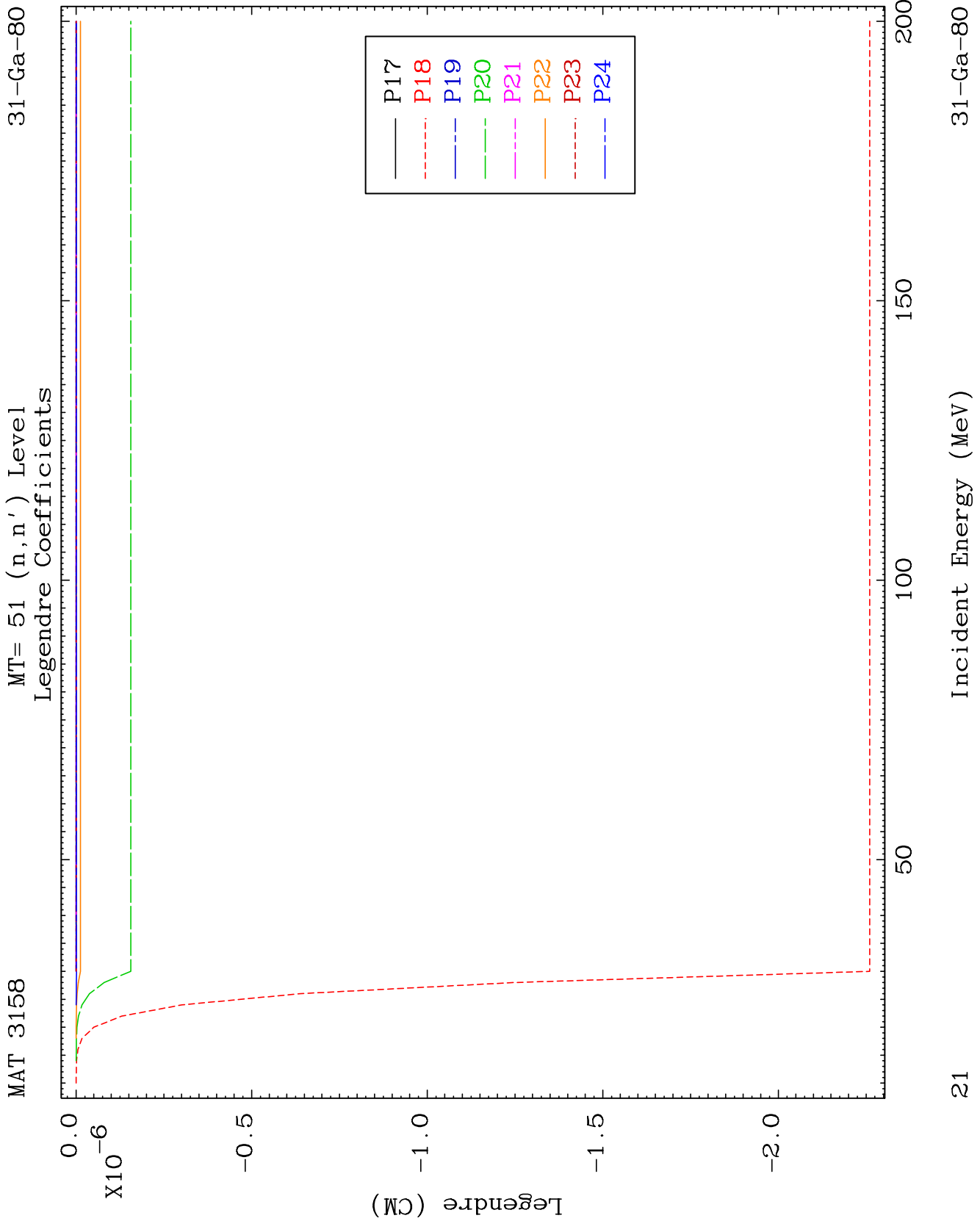
31-Ga-80

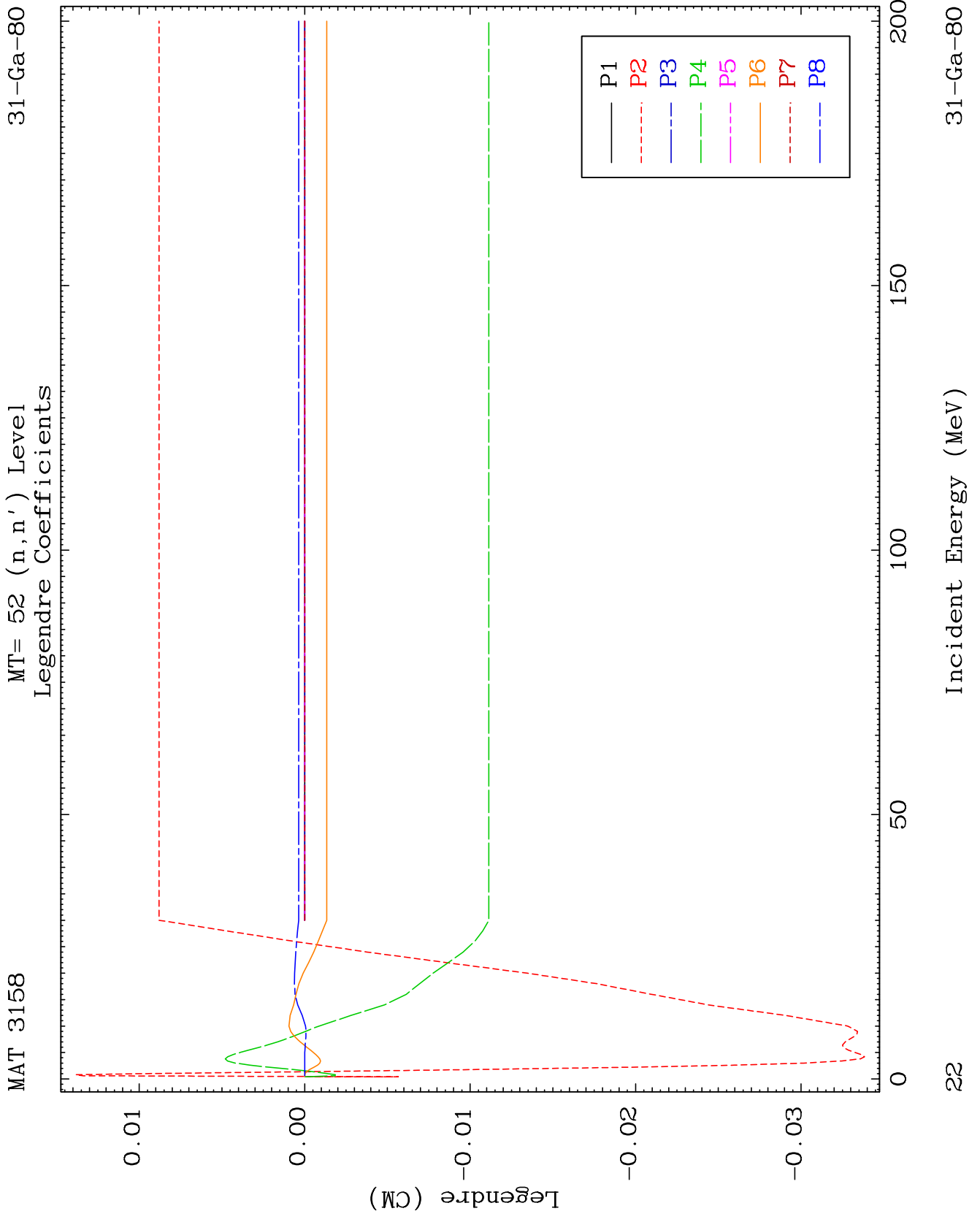
MAT 3158

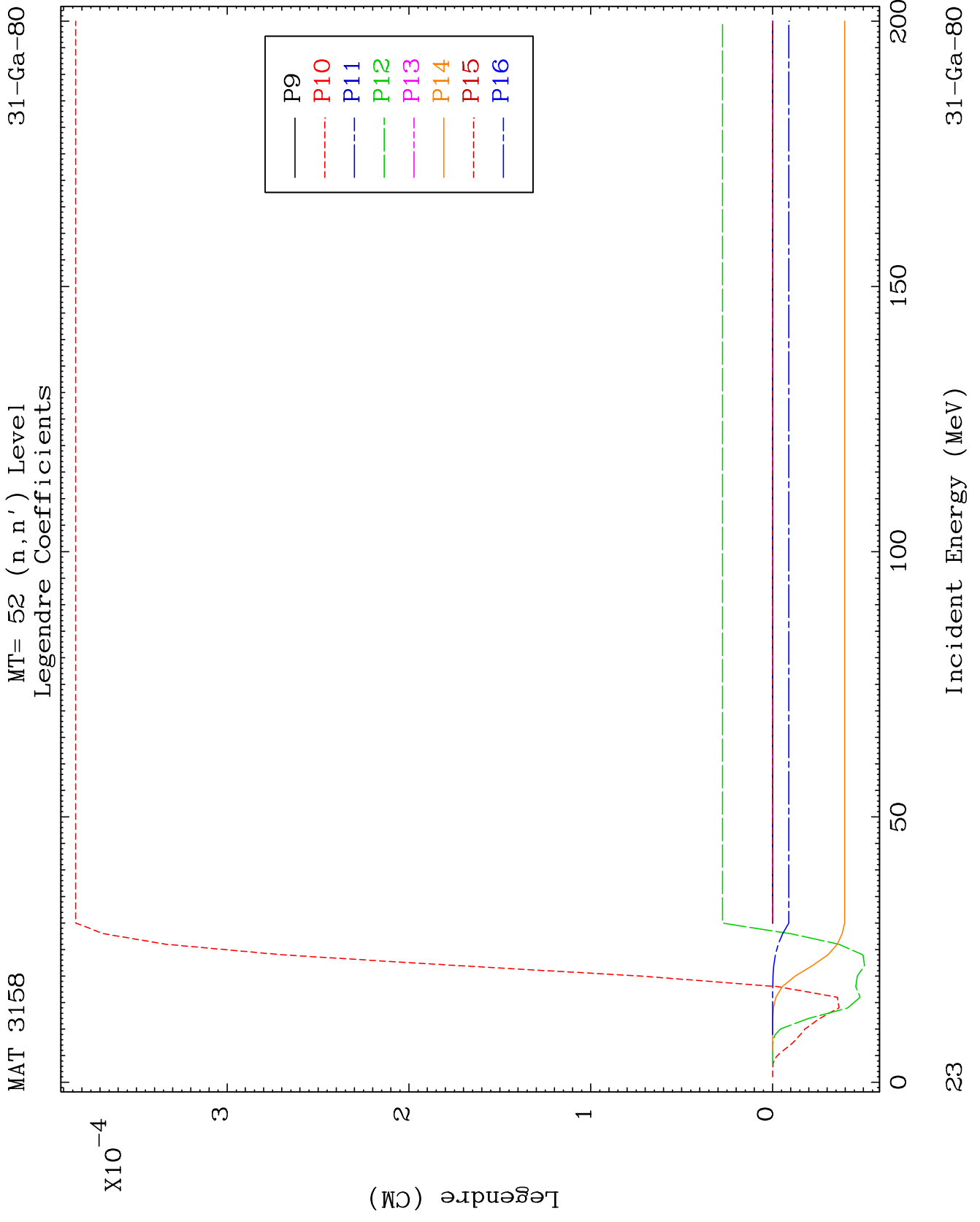
MT= 51 (n,n') Level  
Legendre Coefficients

31-Ga-80

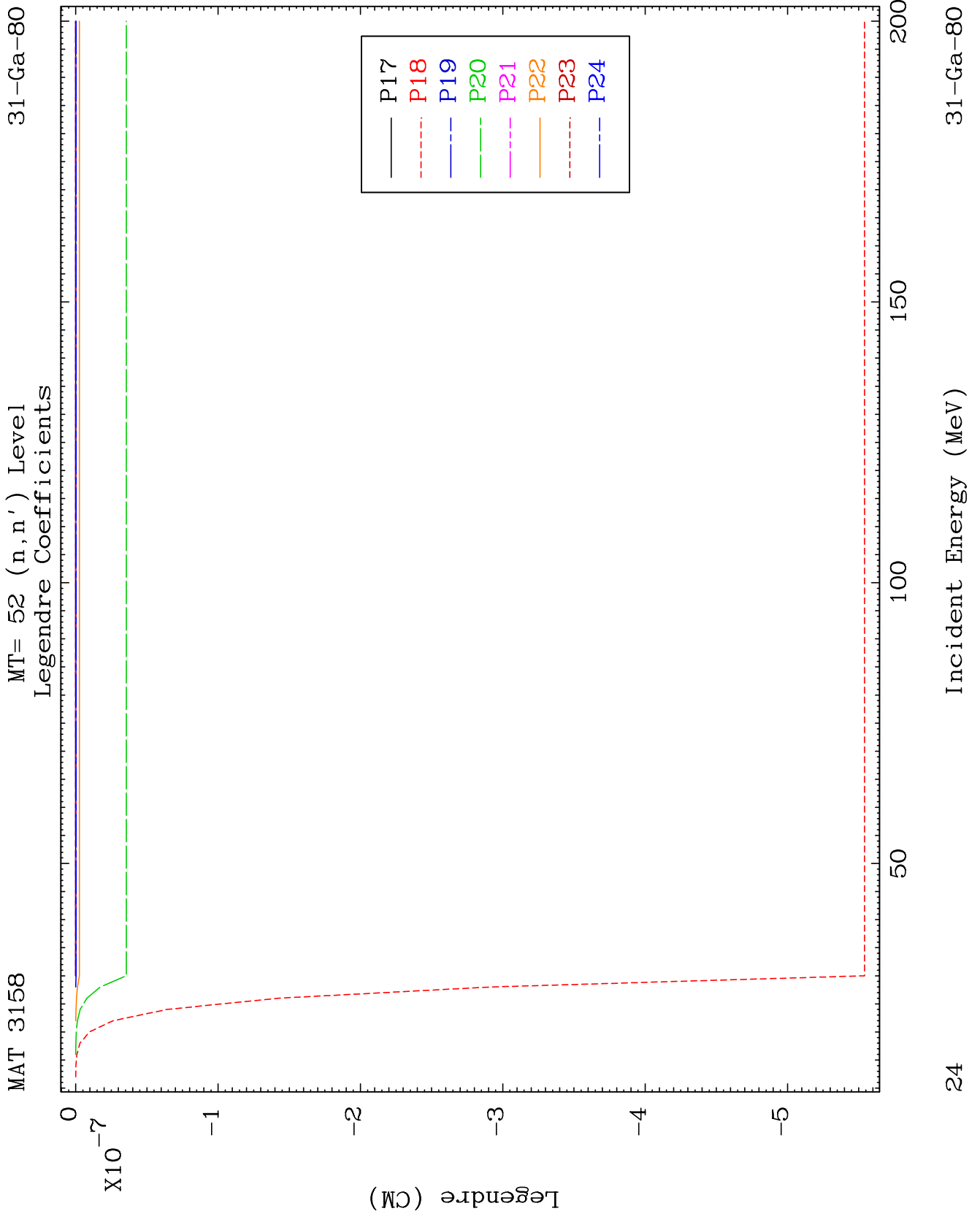








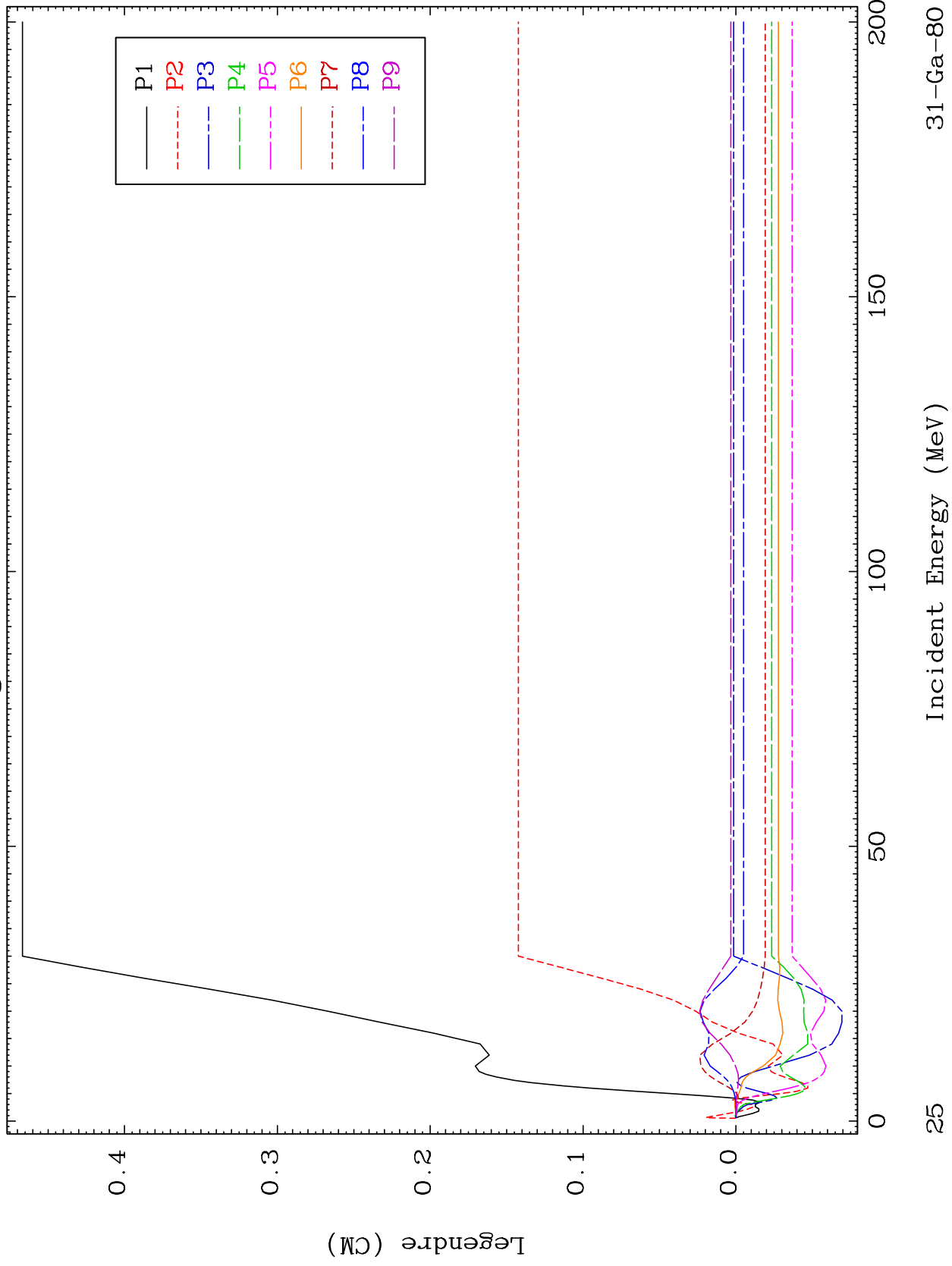




MAT 3158

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

31-Ga-80

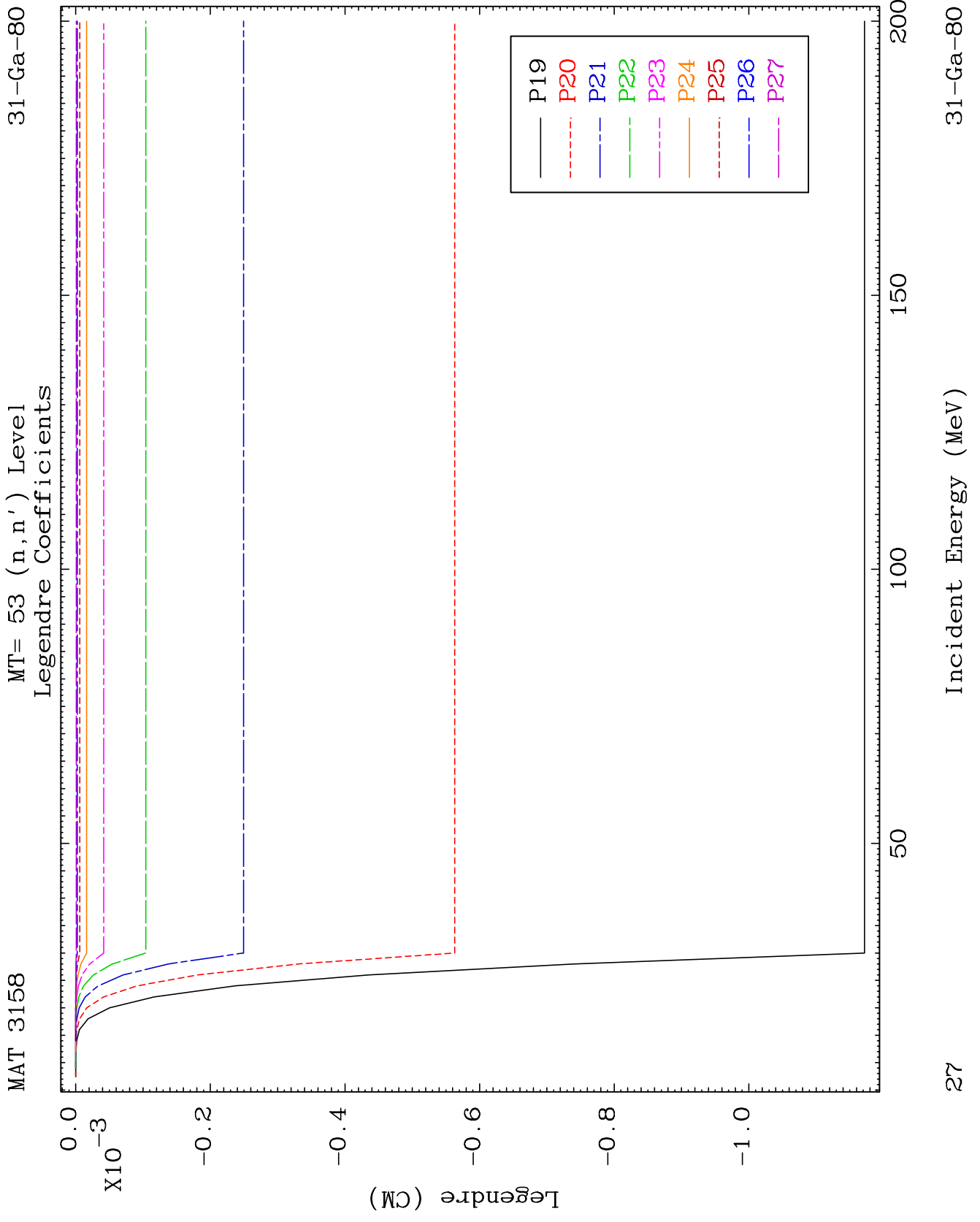


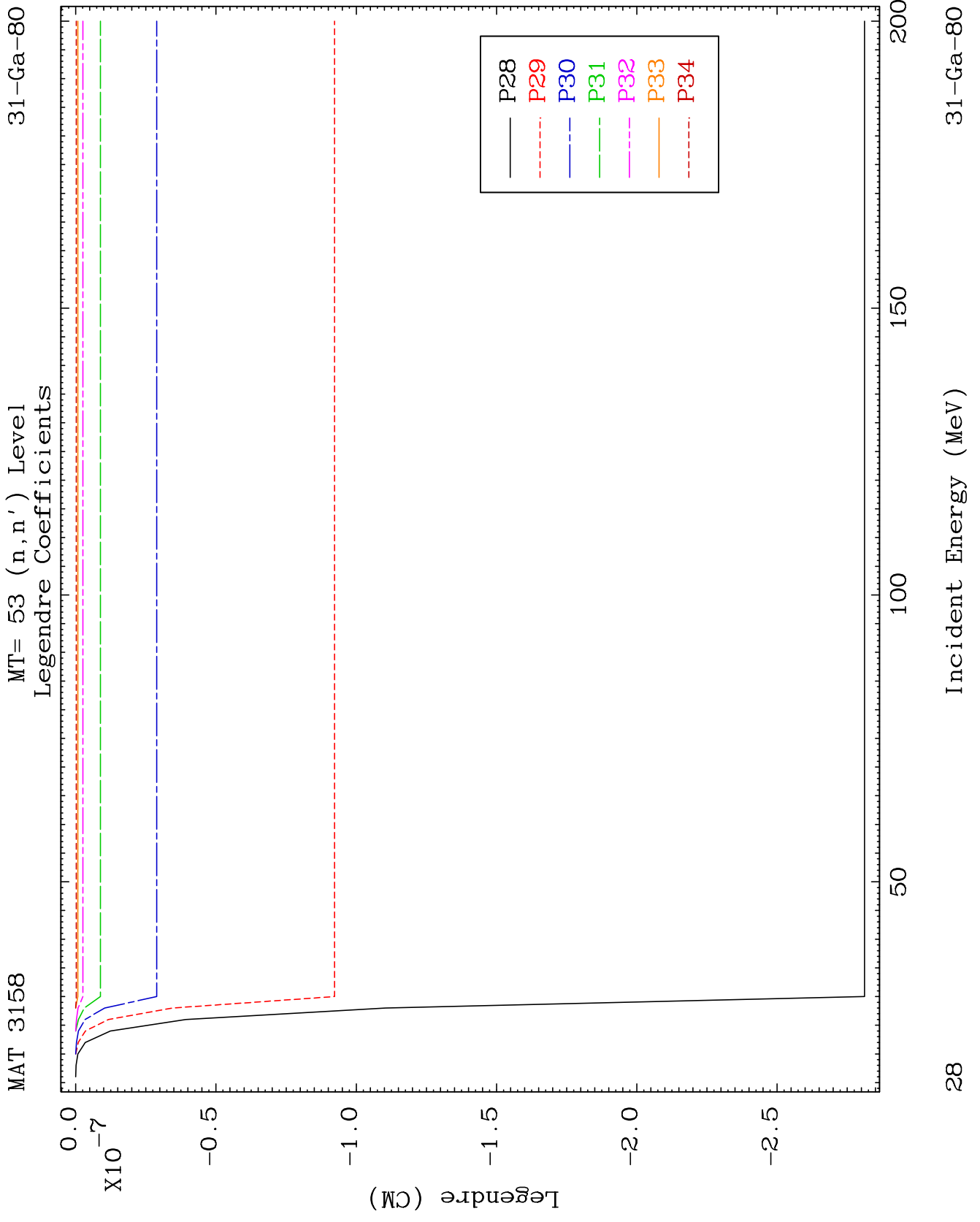
31-Ga-80

Incident Energy (MeV)

25



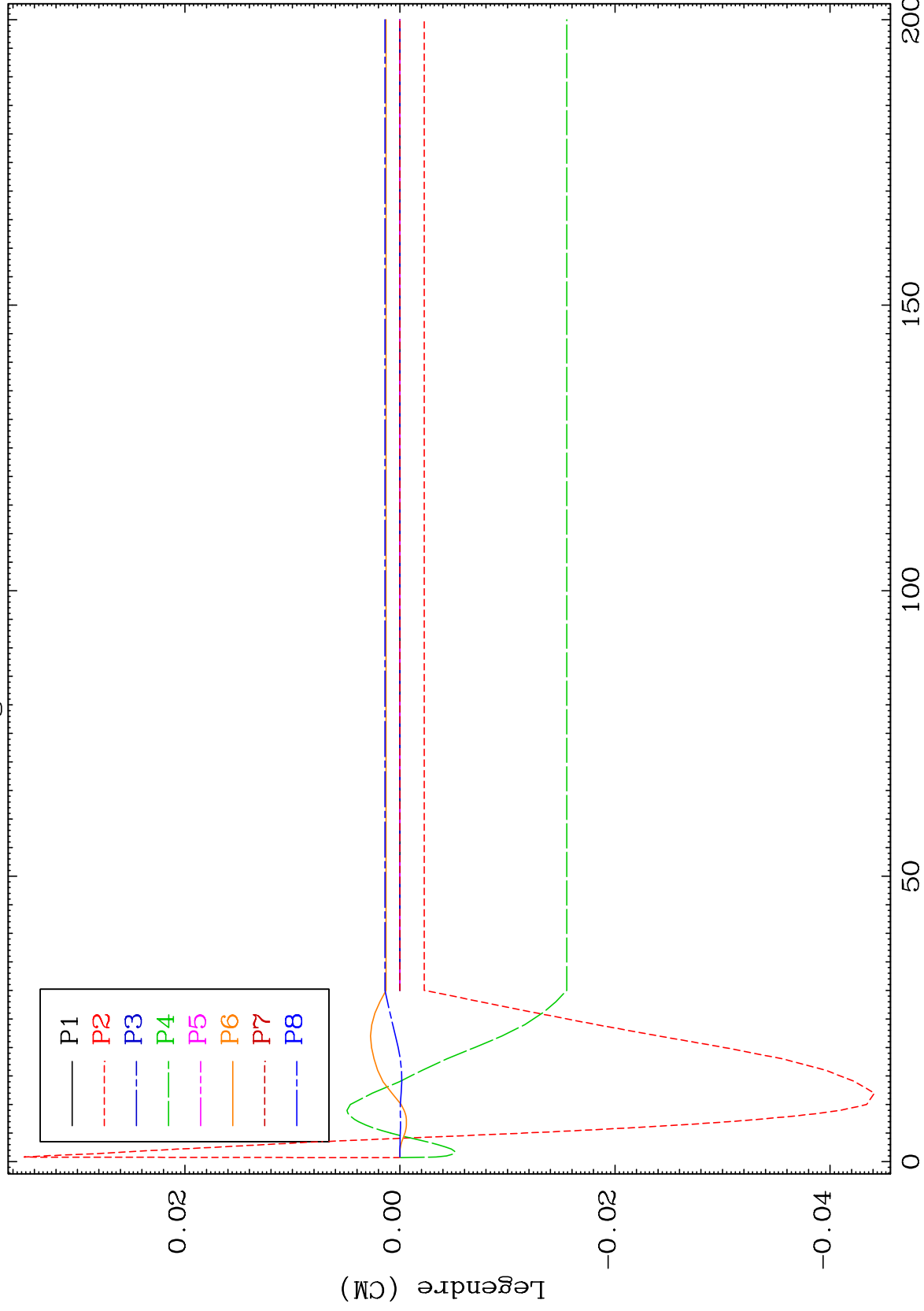




MAT 3158

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

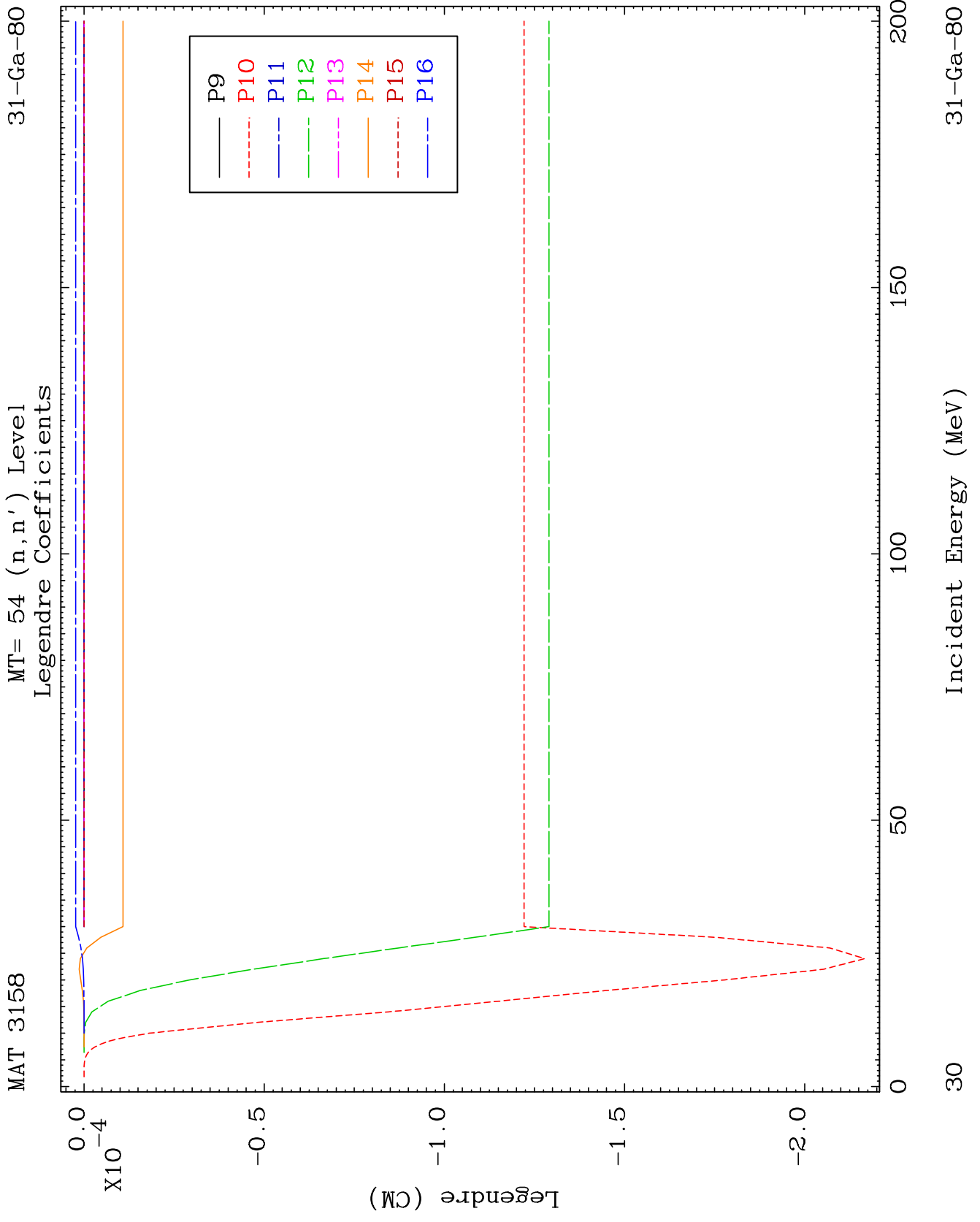
31-Ga-80



29

Incident Energy (MeV)

31-Ga-80



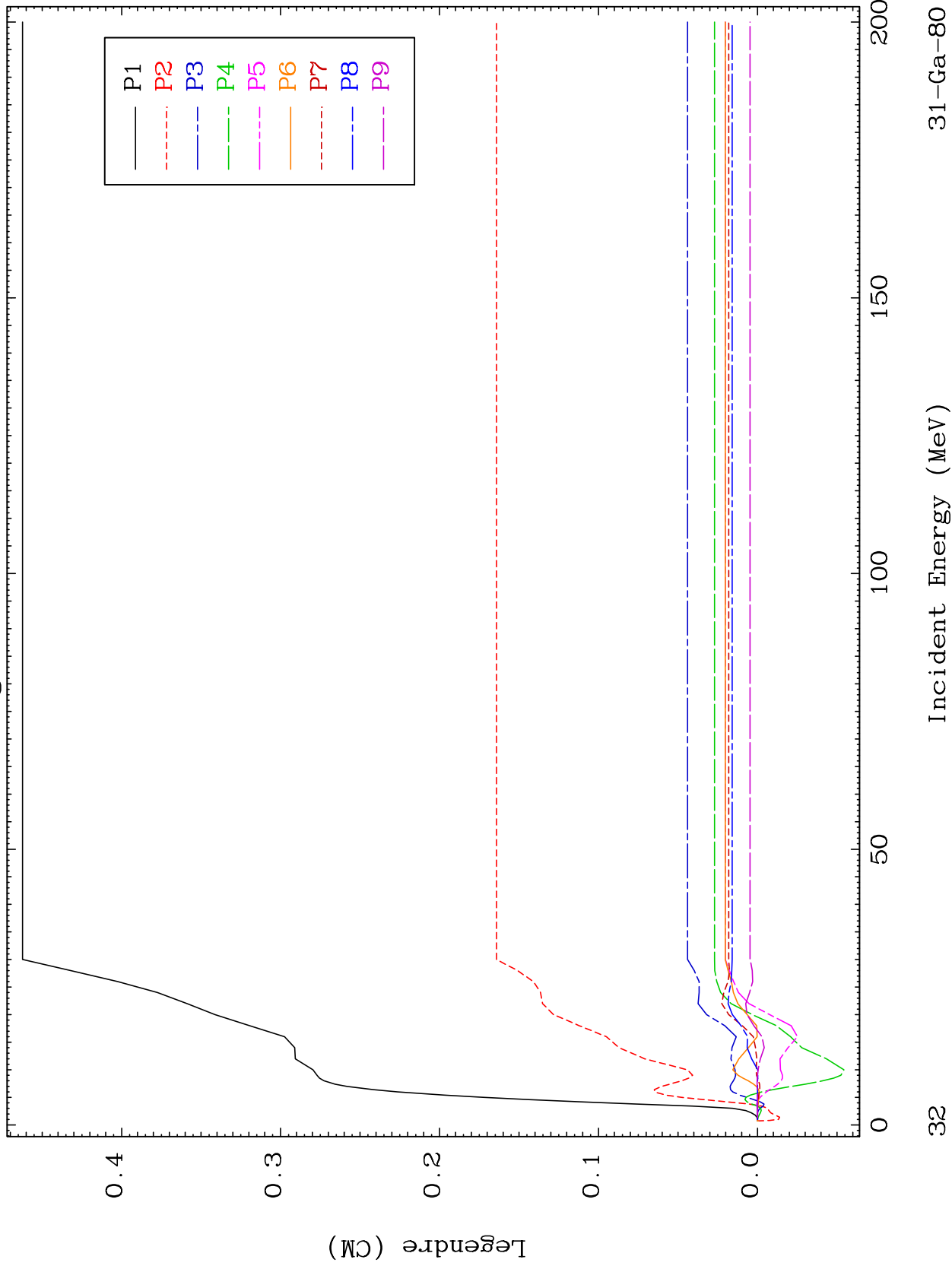




MAT 3158

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

31-Ga-80



32

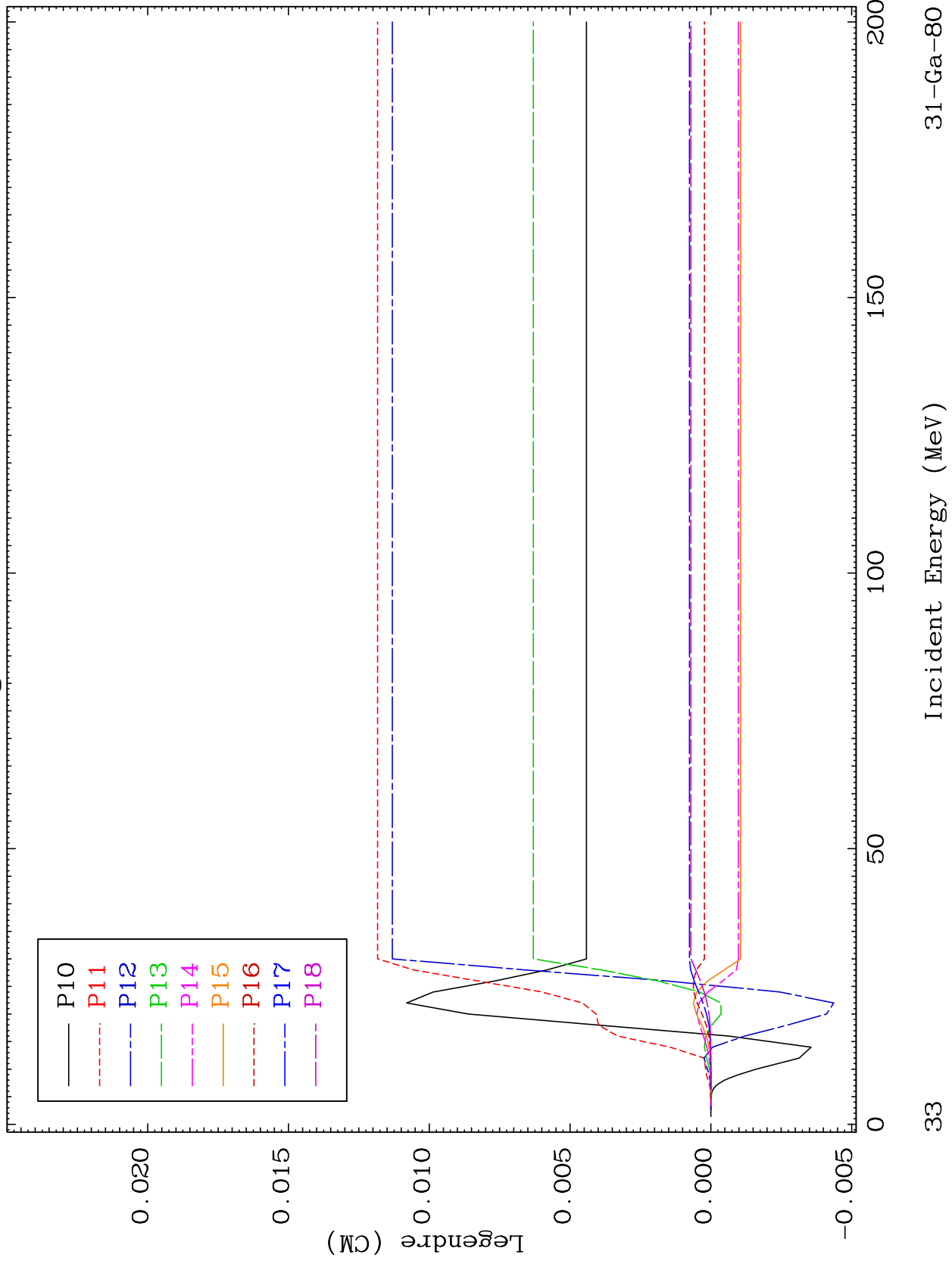
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

31-Ga-80



33

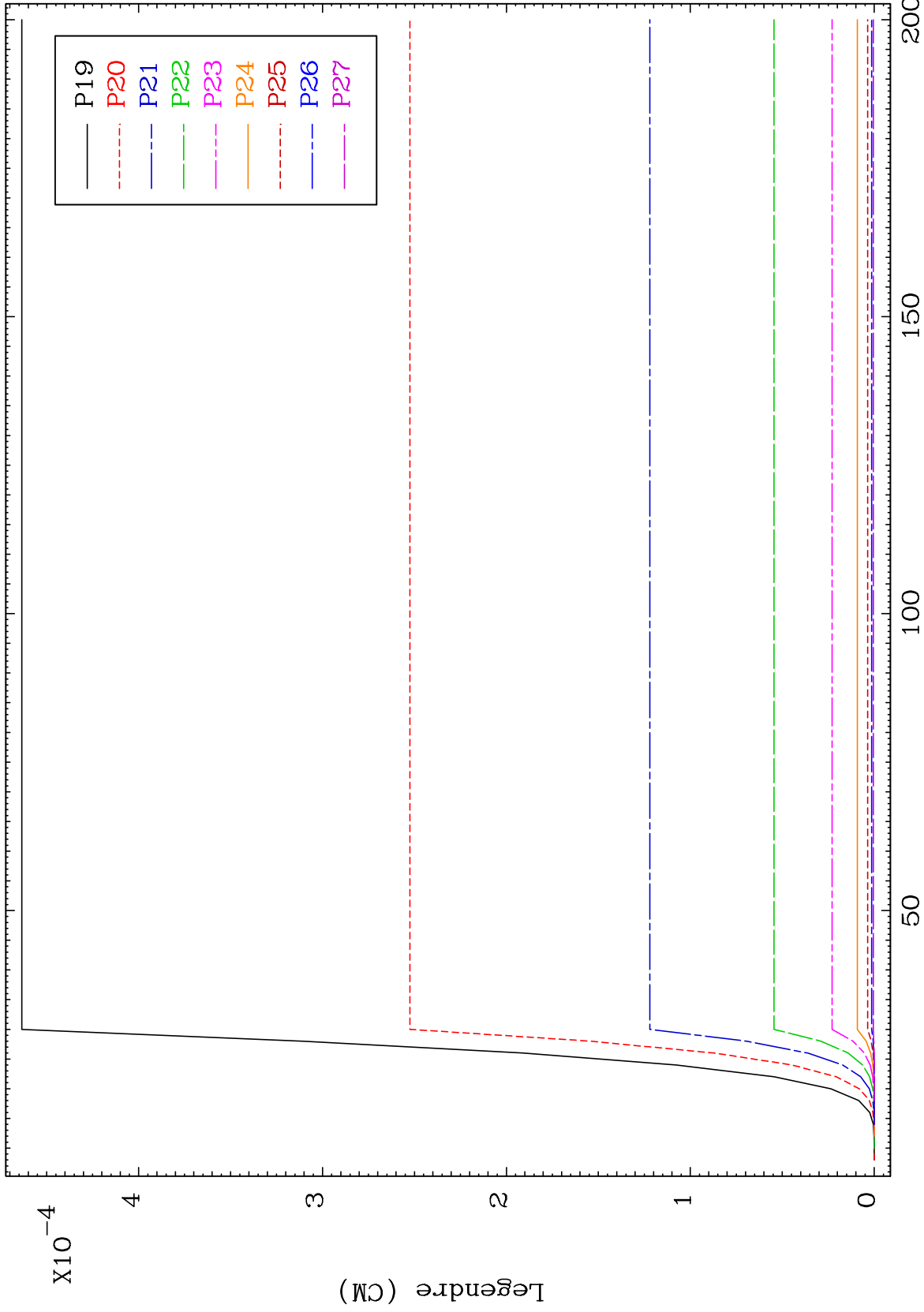
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

31-Ga-80



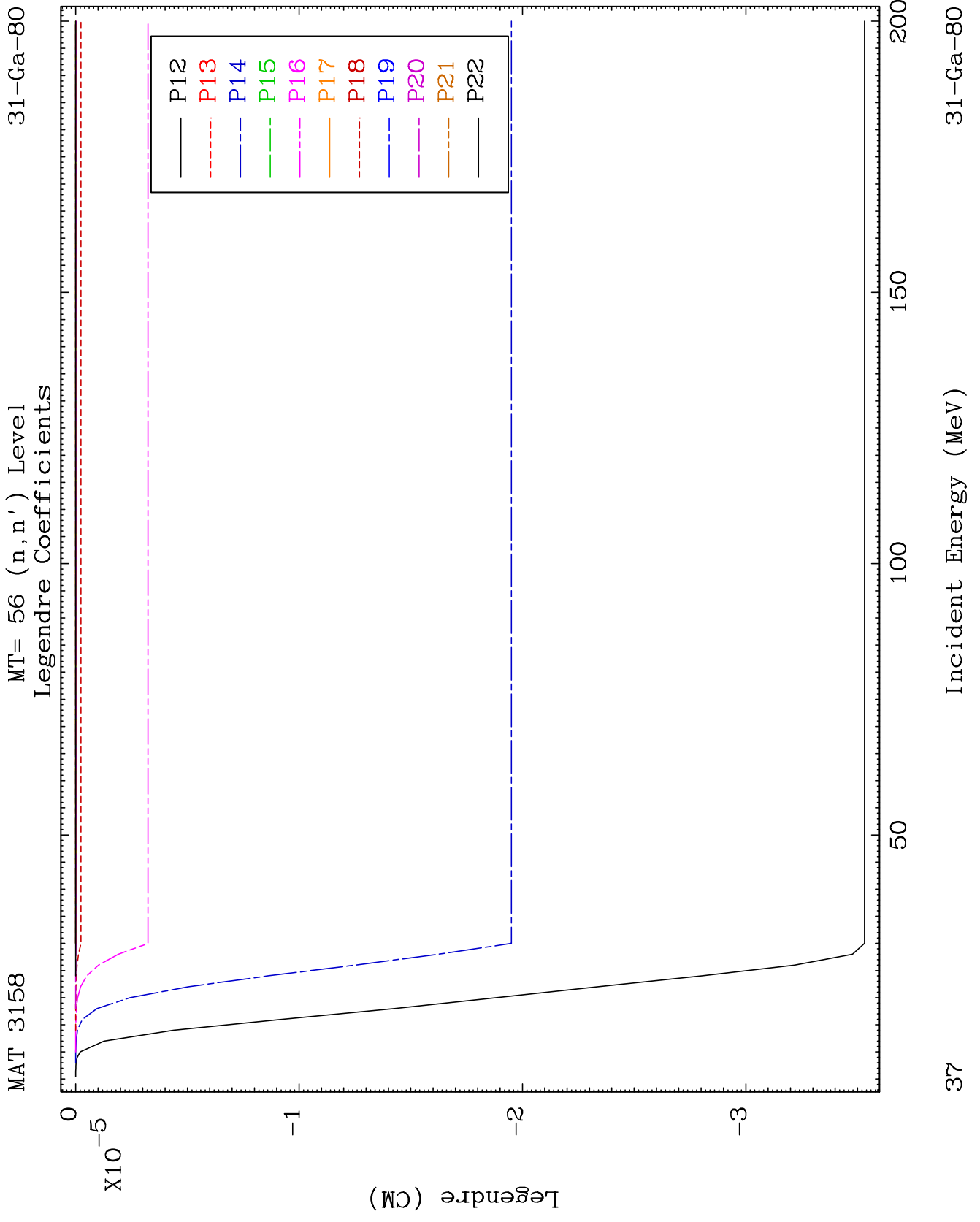
34

Incident Energy (MeV)

31-Ga-80



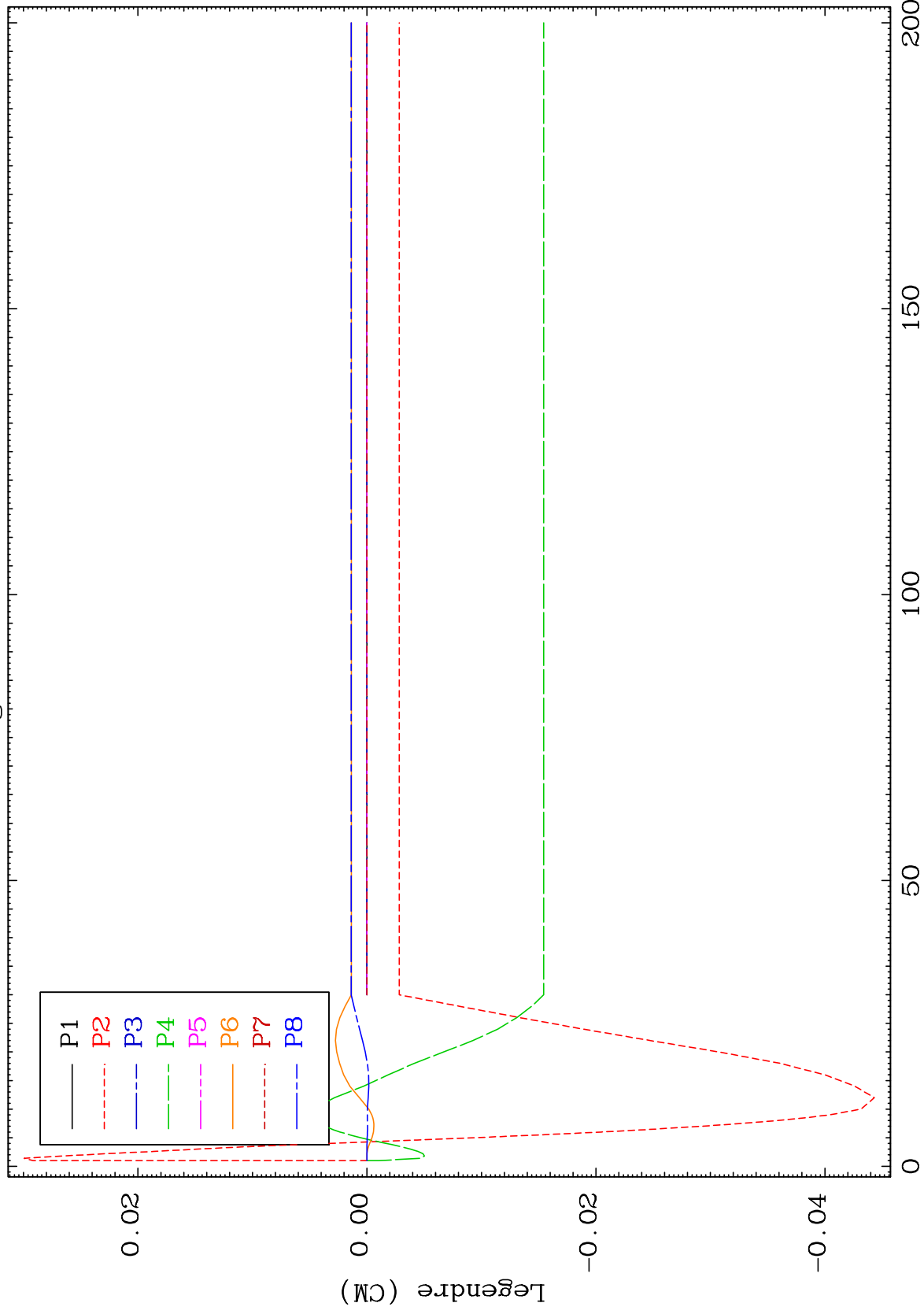




MAT 3158

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

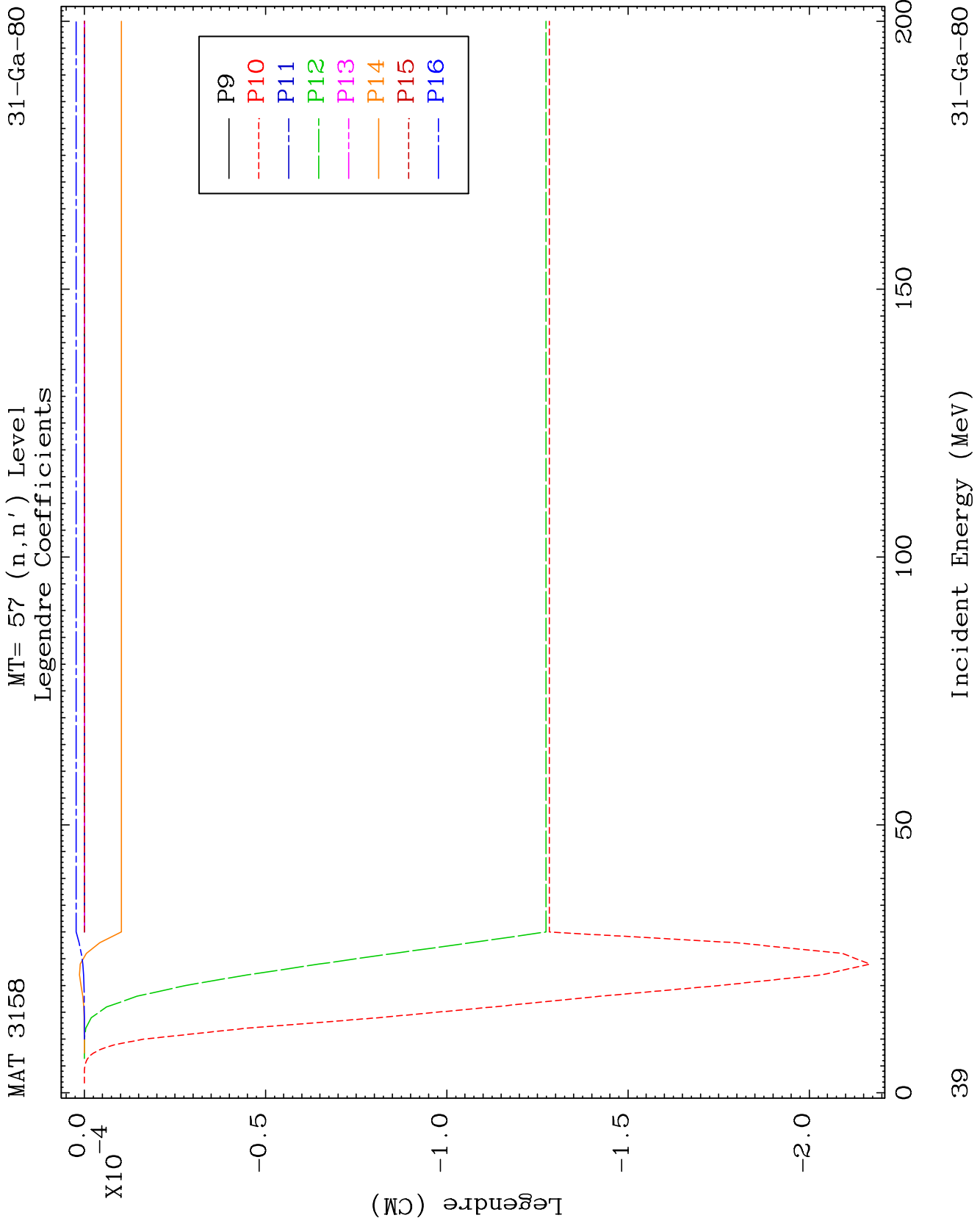
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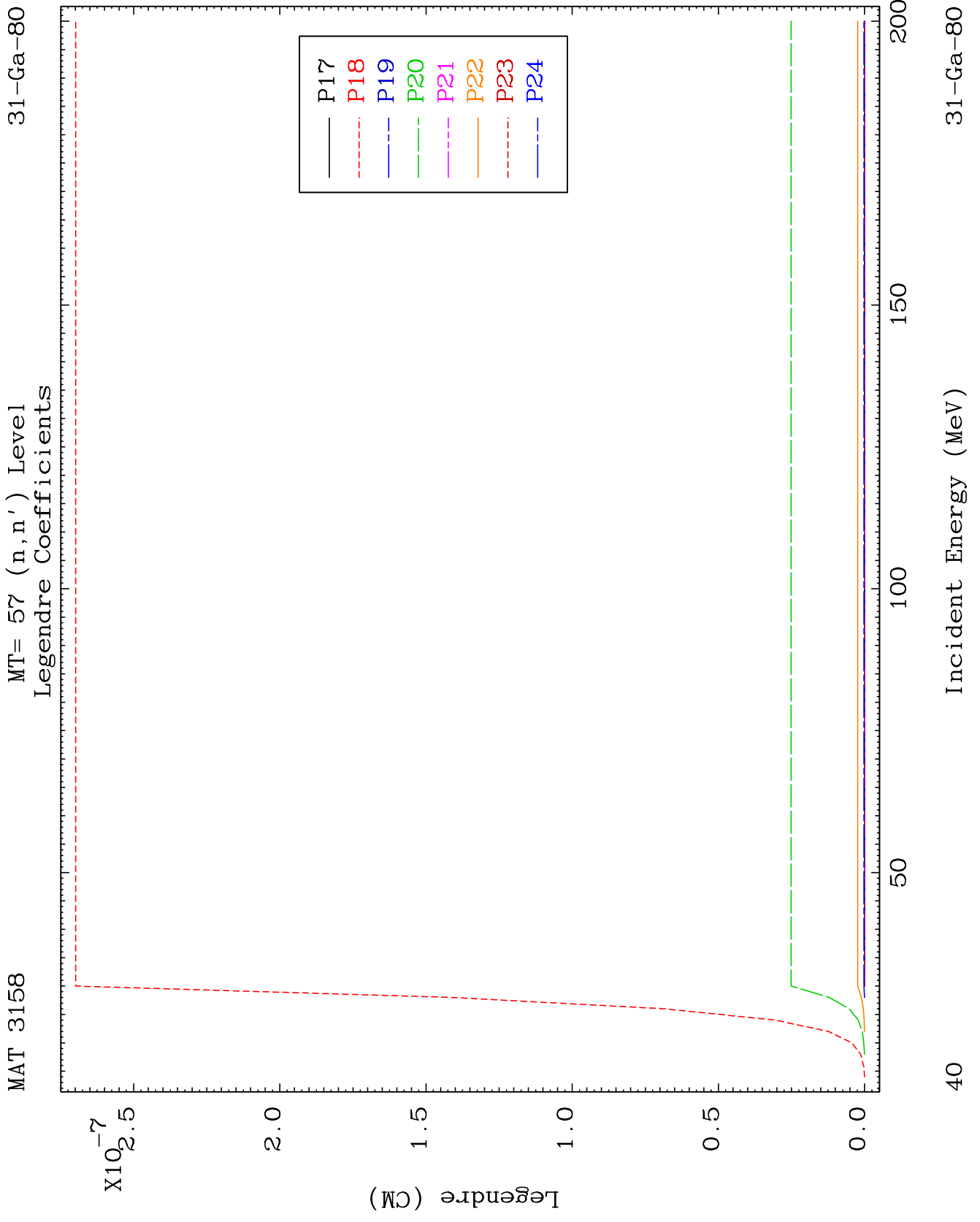
31-Ga-80

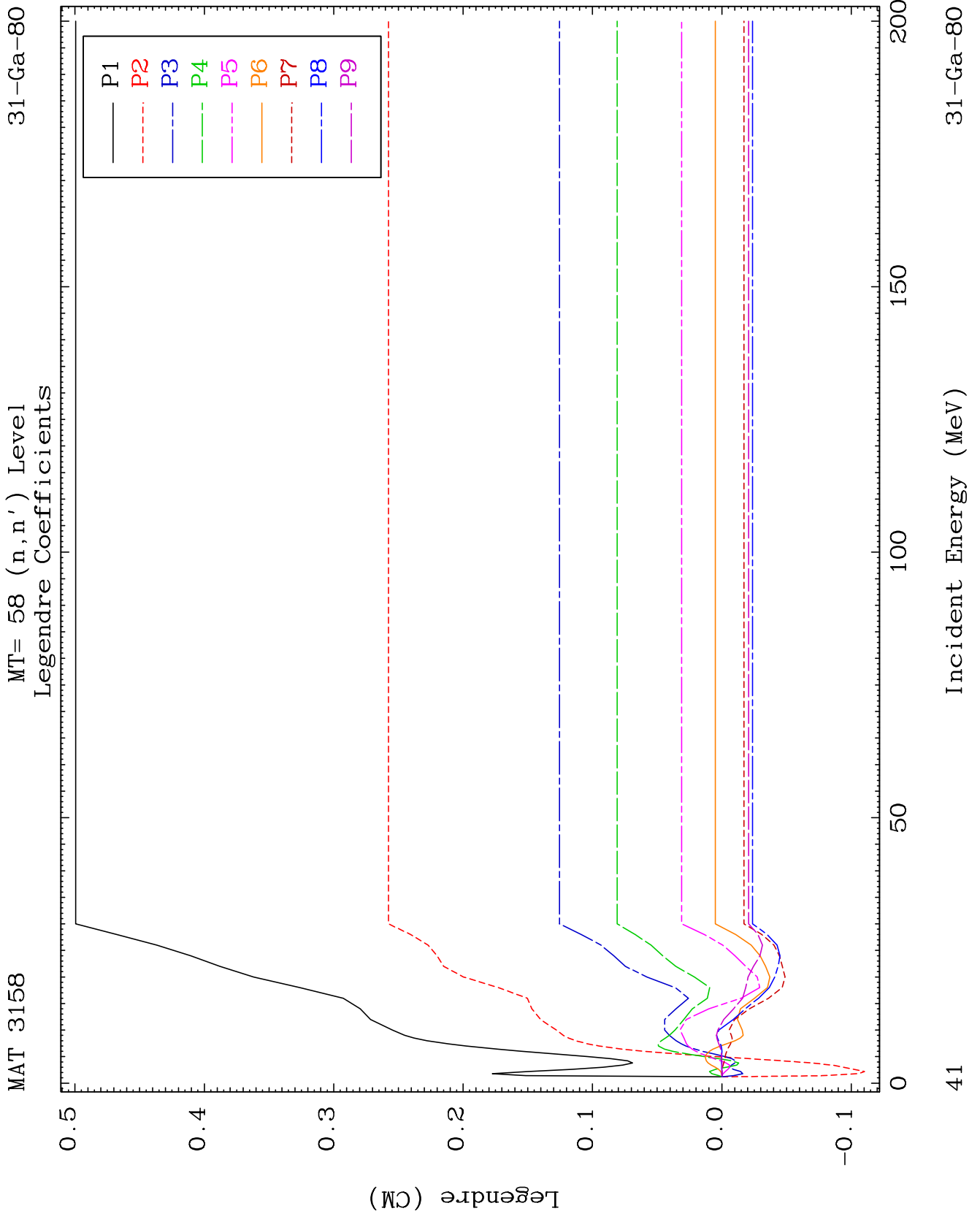
Incident Energy (MeV)

38





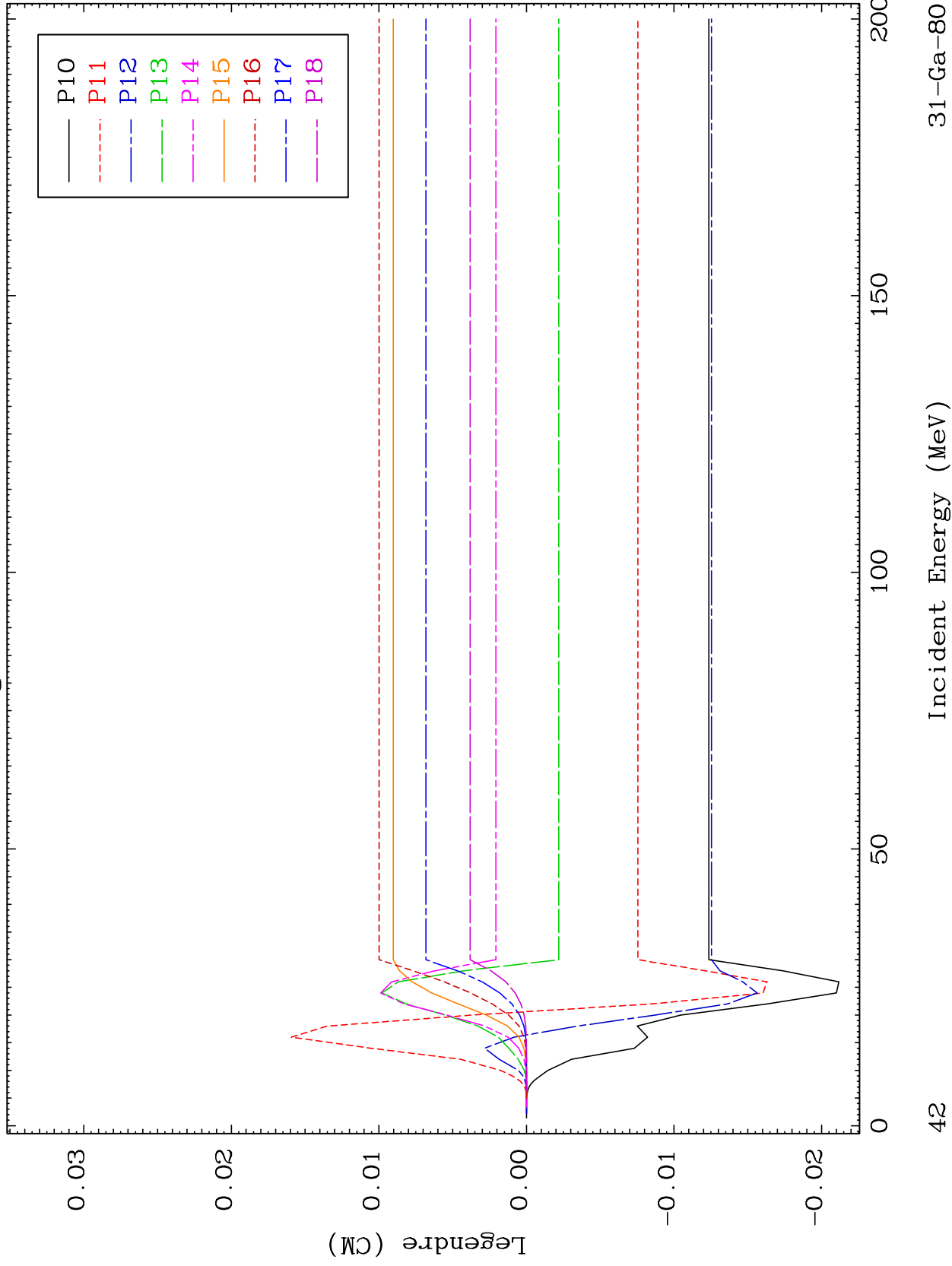




MAT 3158

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

31-Ga-80



31-Ga-80

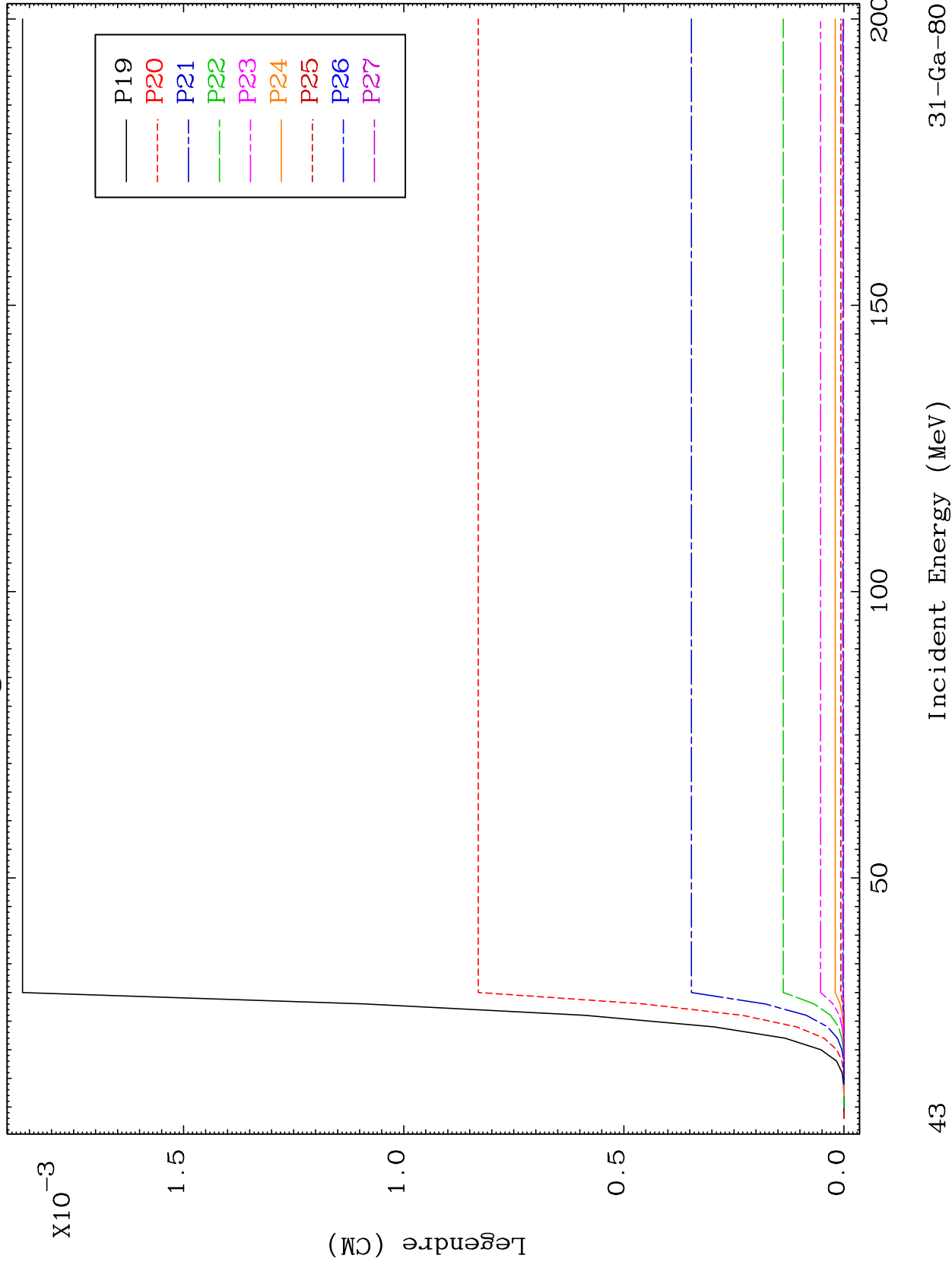
Incident Energy (MeV)

42

MAT 3158

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

31-Ga-80



43

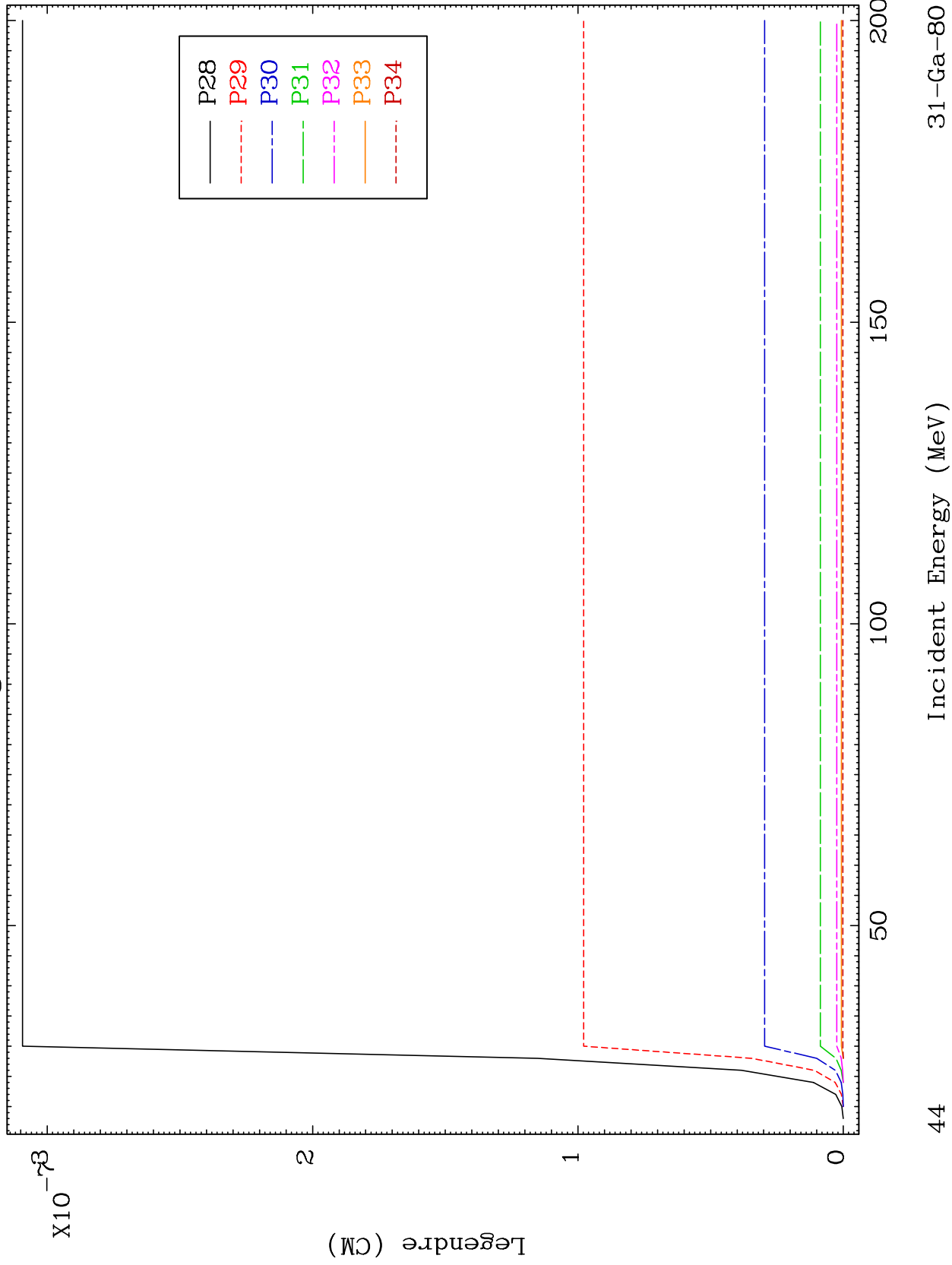
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

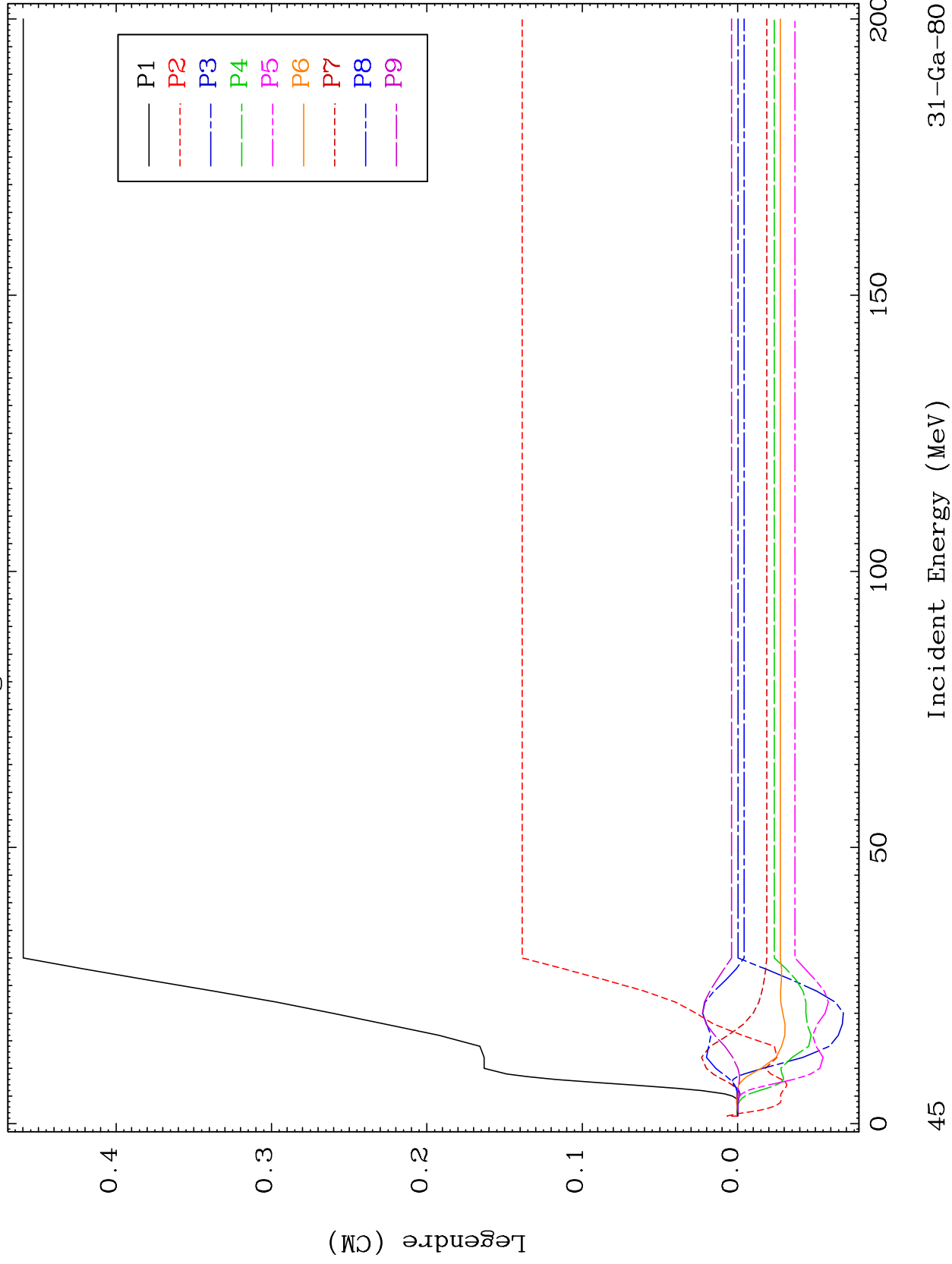
31-Ga-80



MAT 3158

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

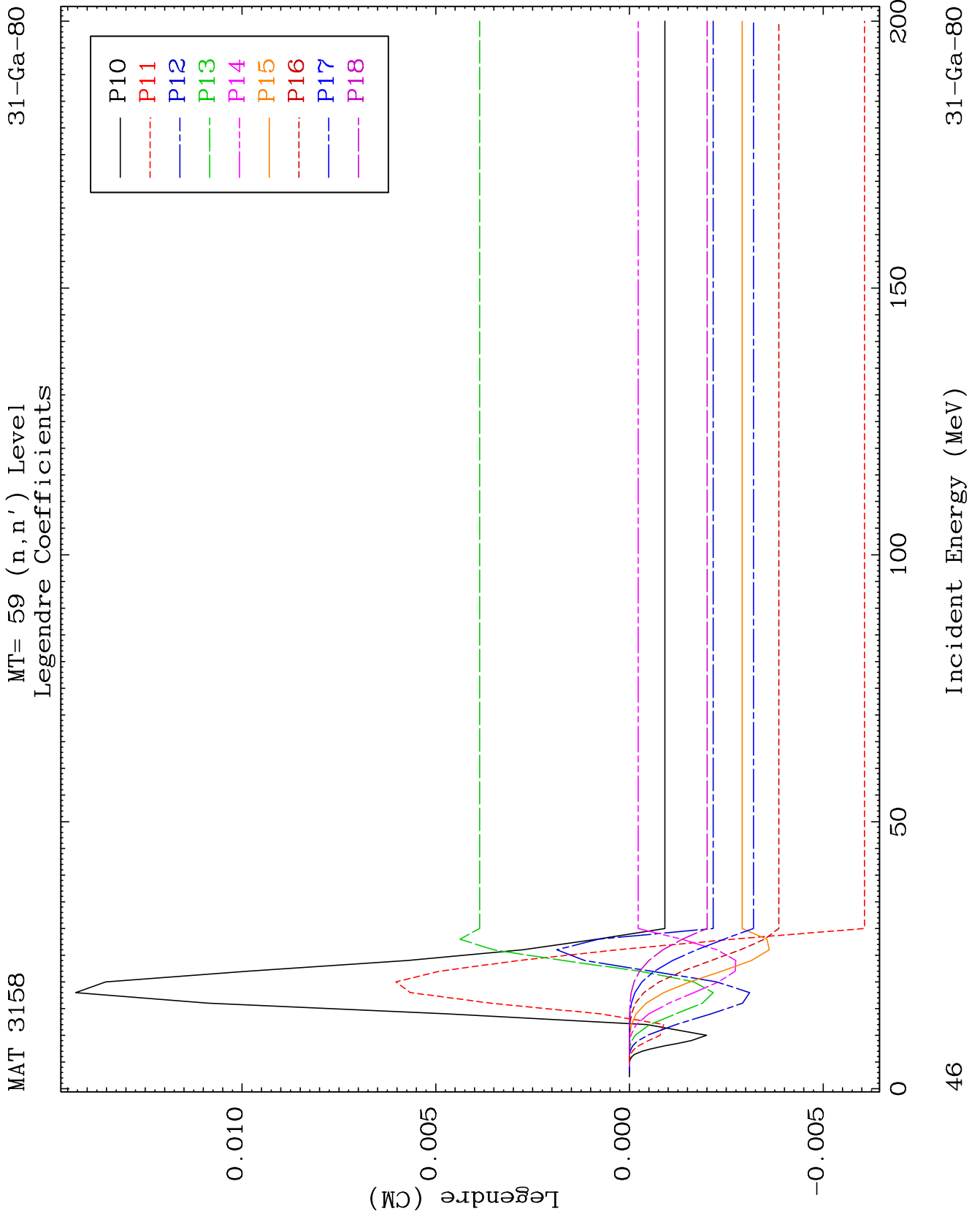
31-Ga-80

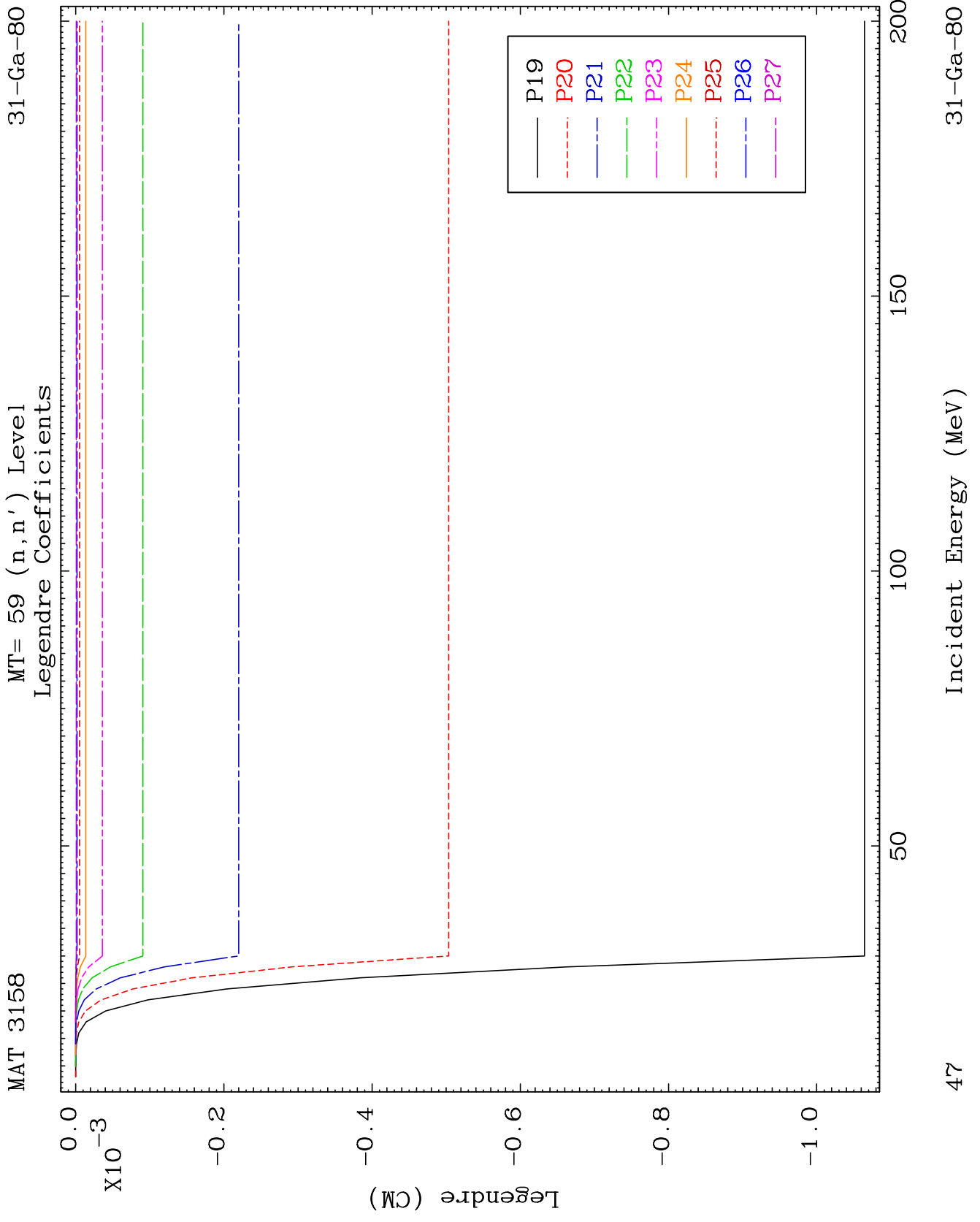


31-Ga-80

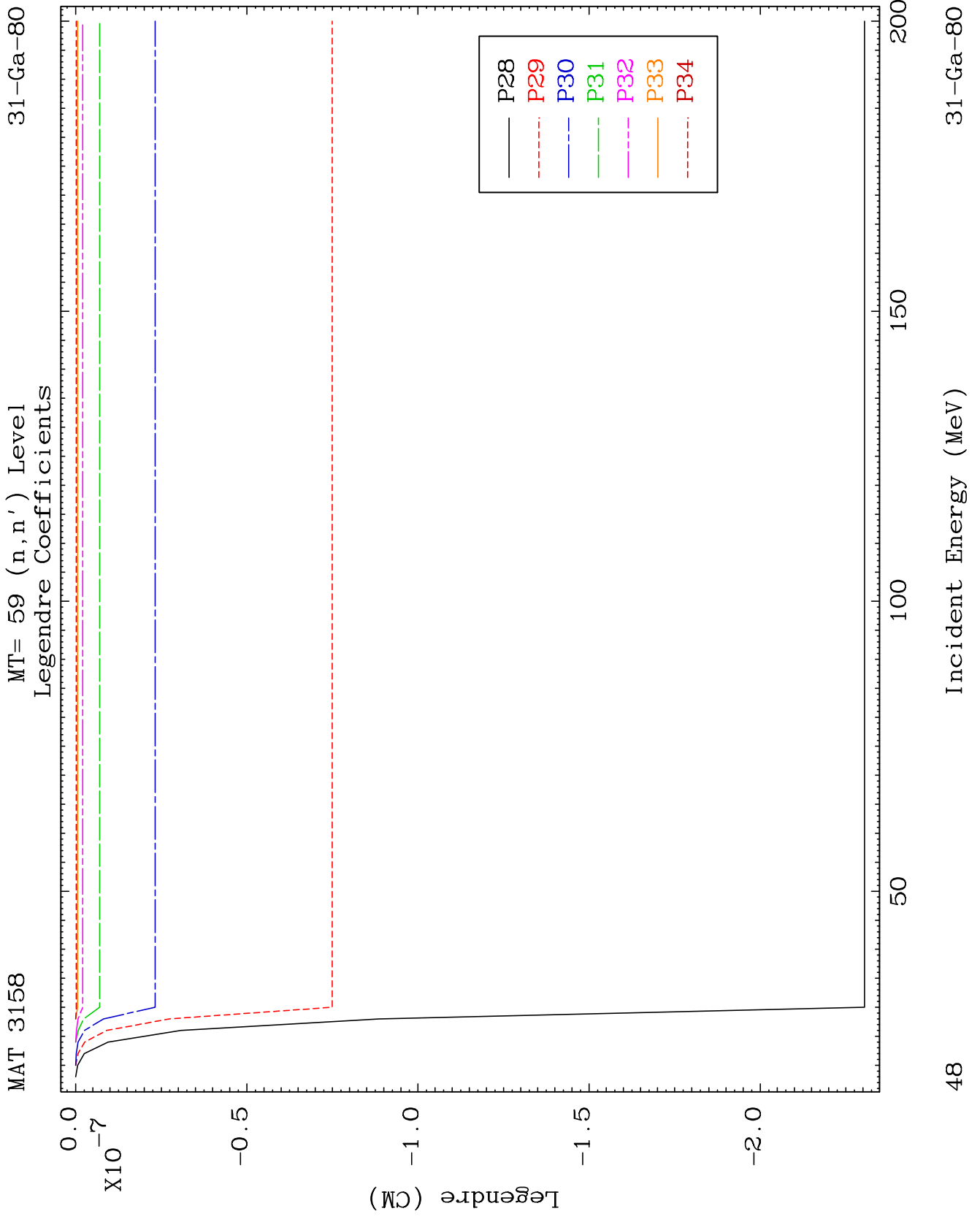
Incident Energy (MeV)

45

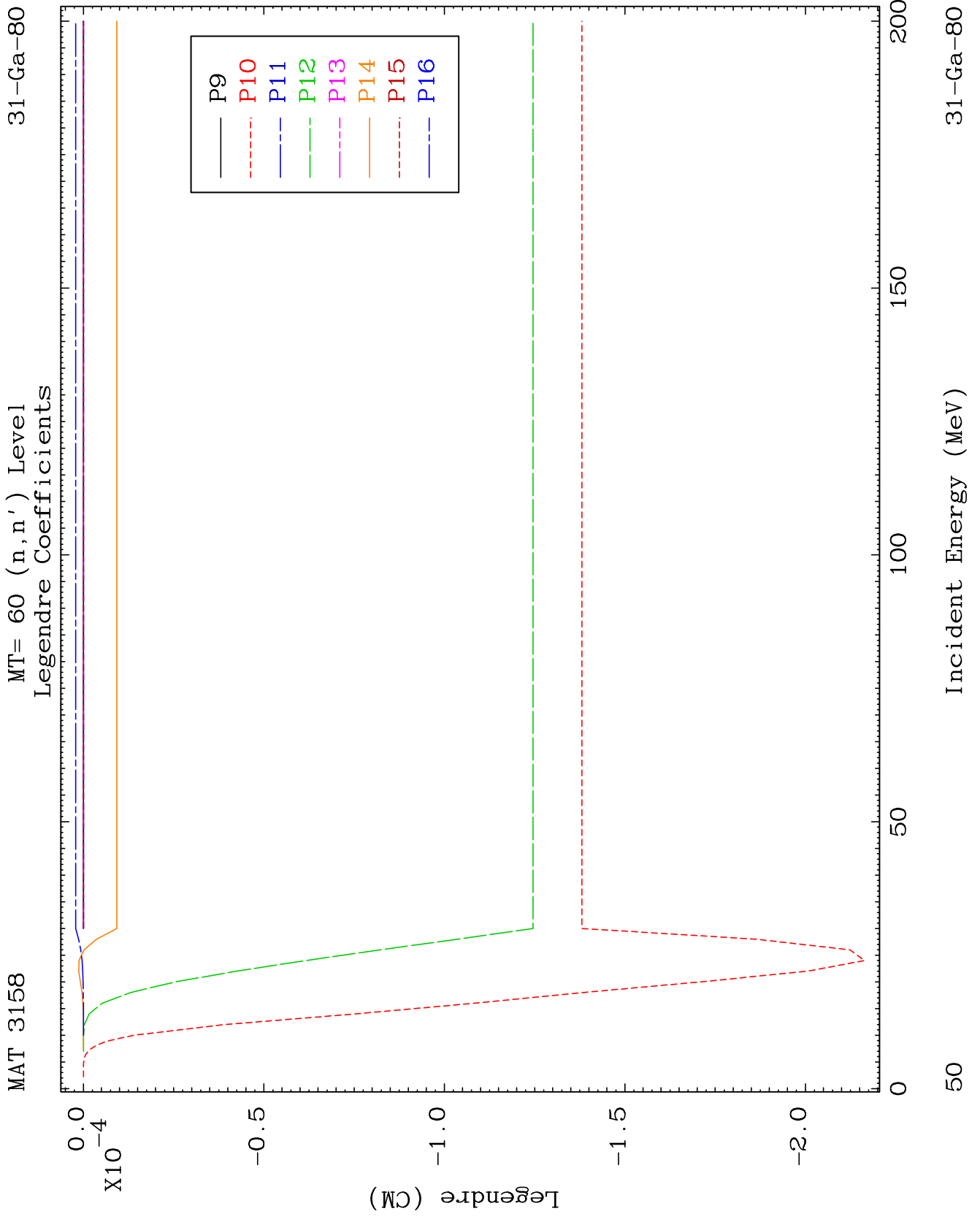


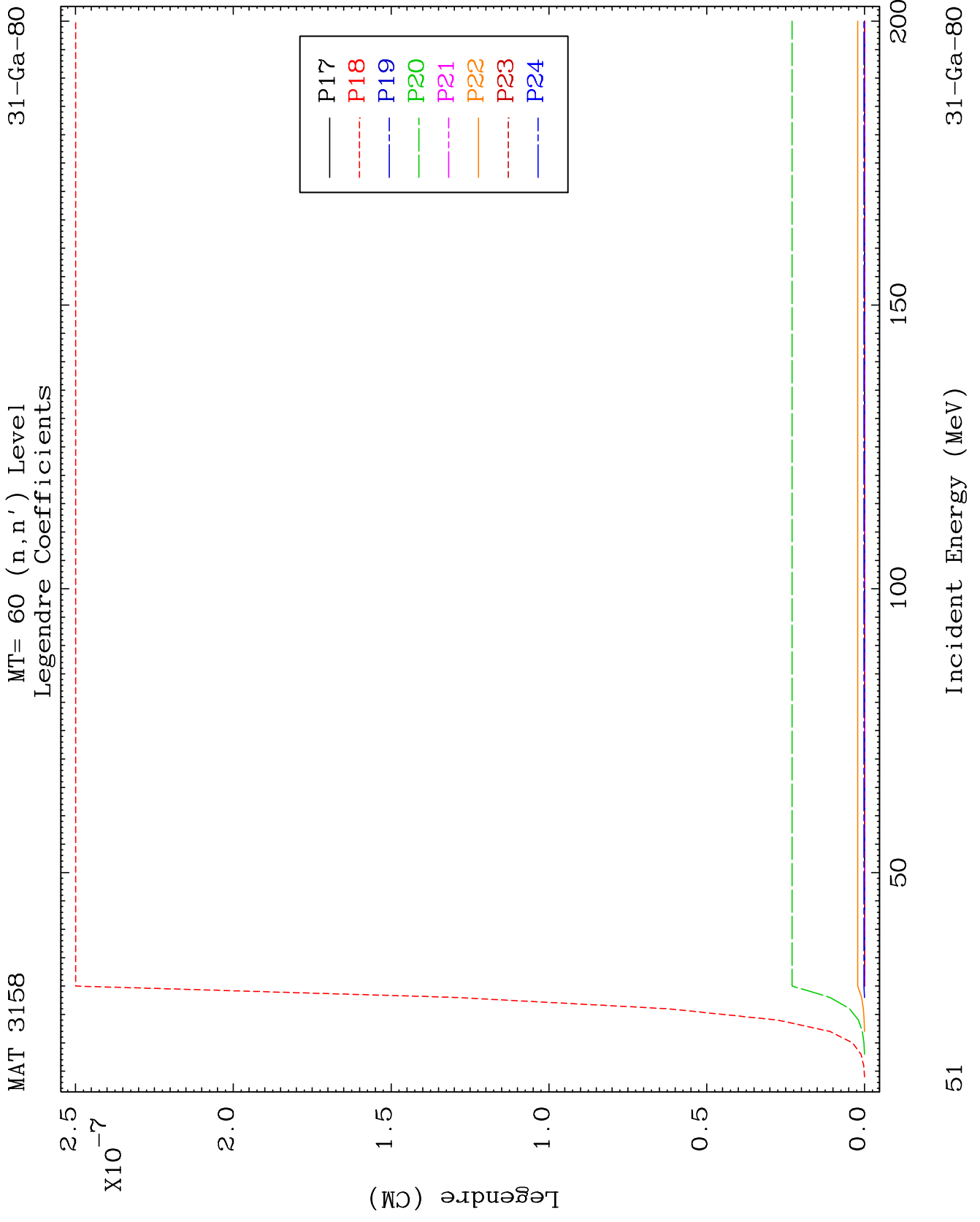








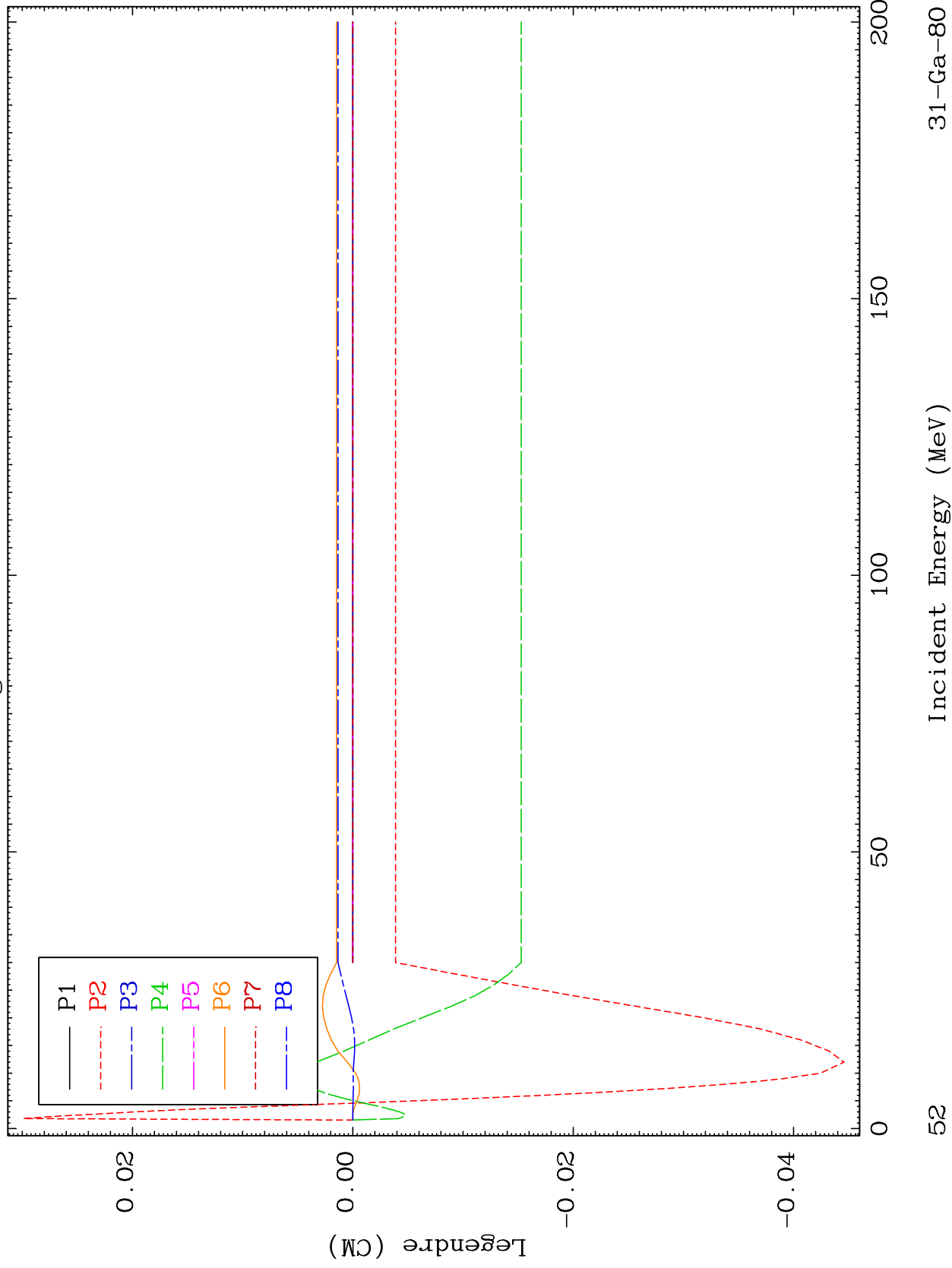




MAT 3158

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

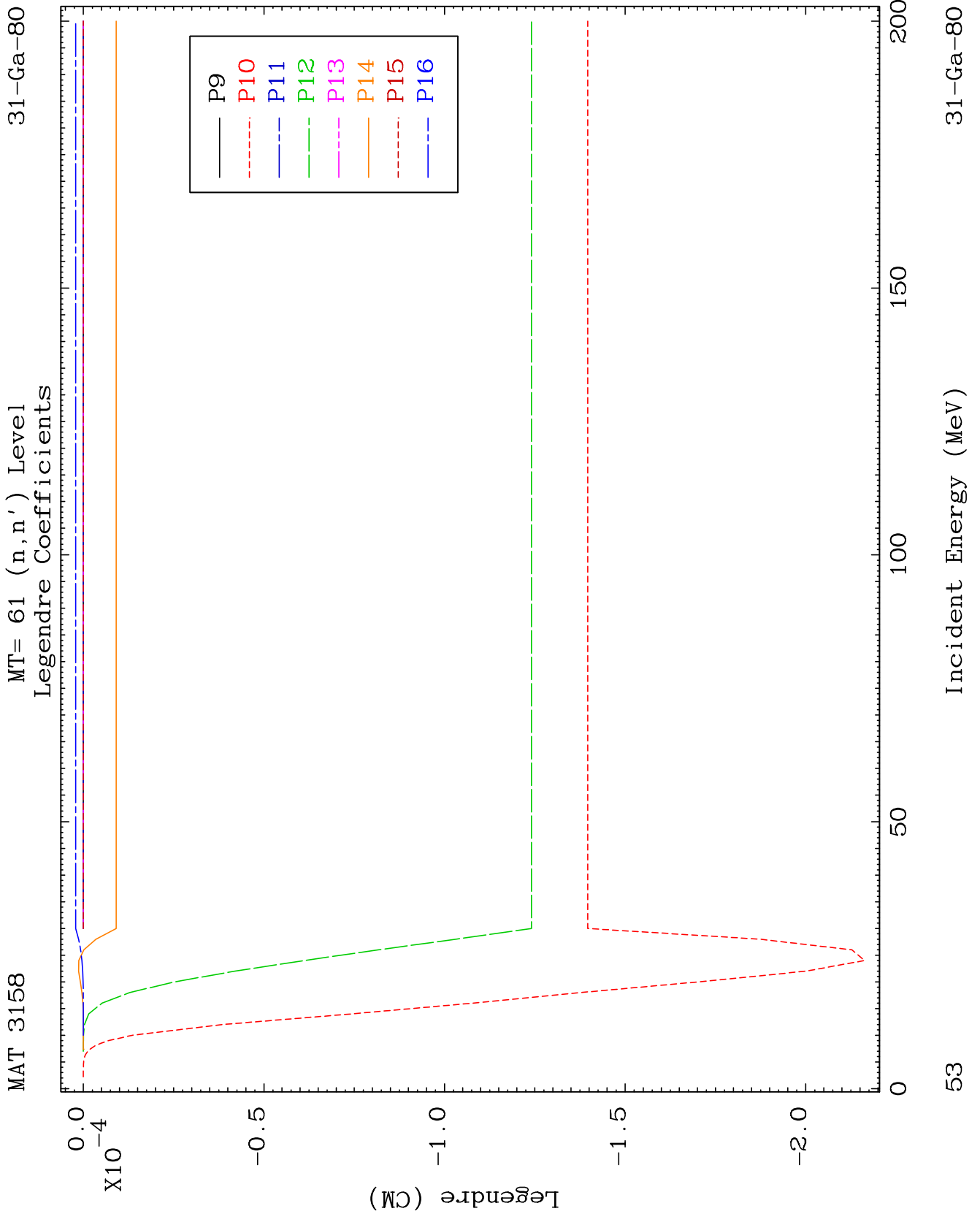
31-Ga-80



31-Ga-80

Incident Energy (MeV)

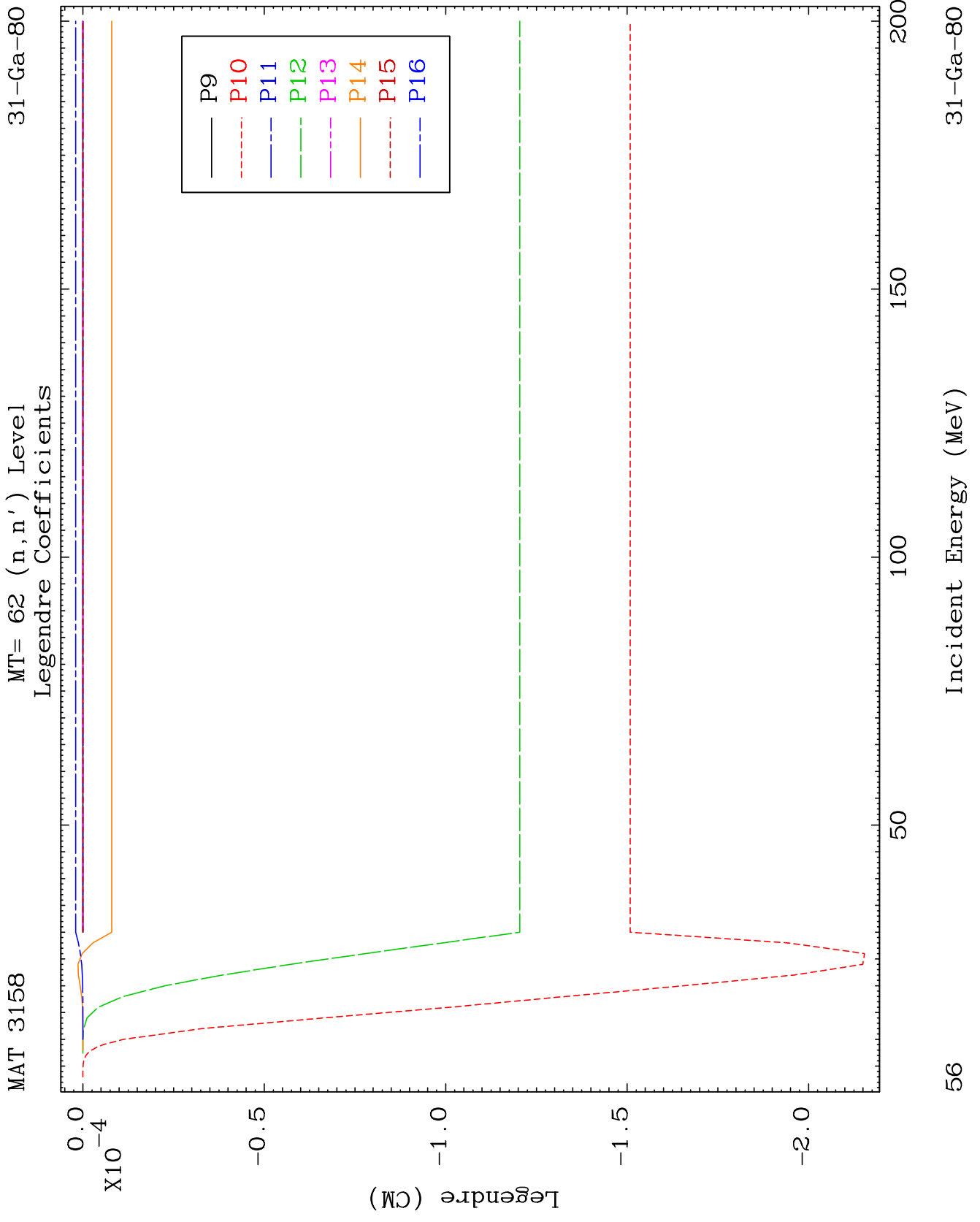
52

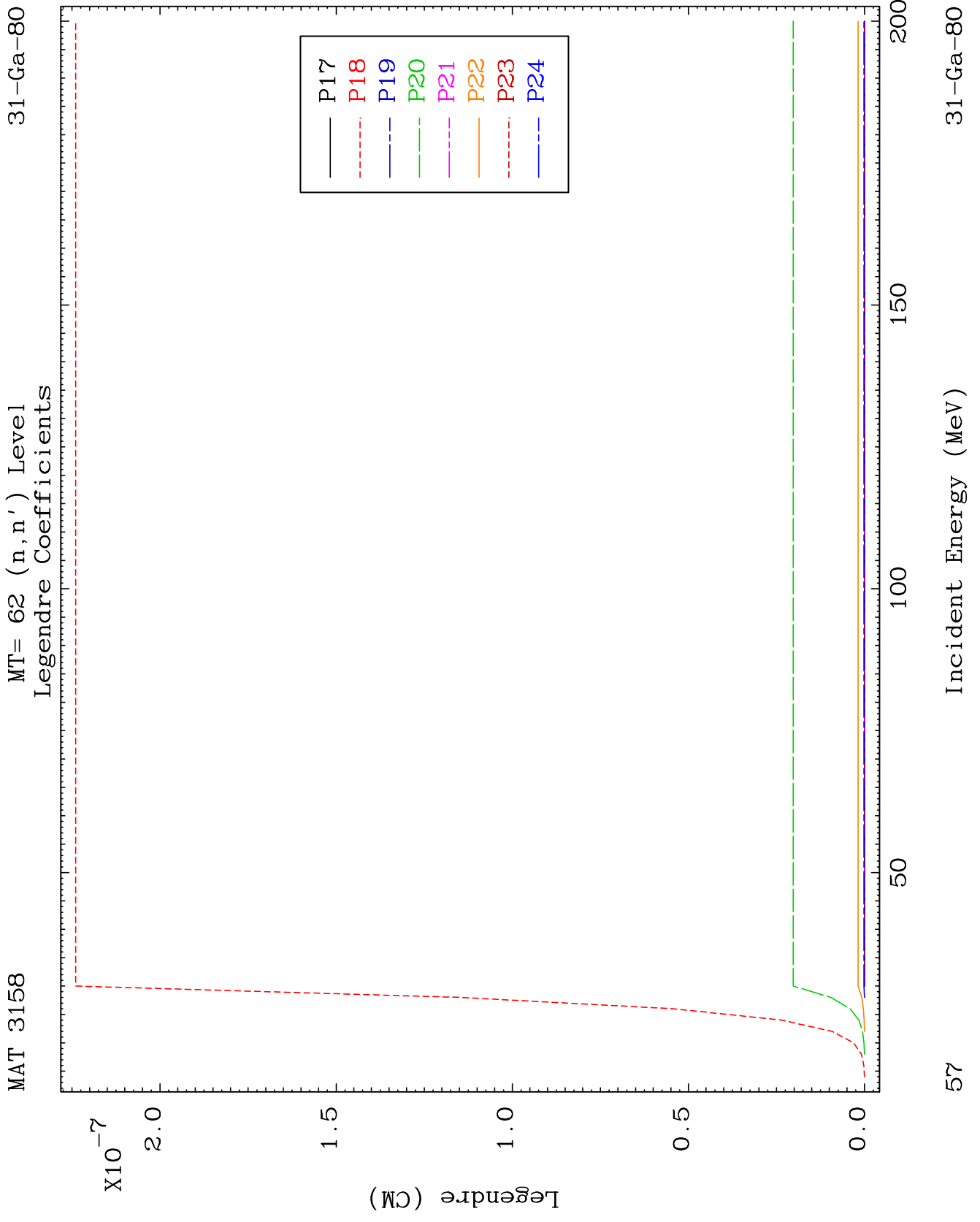




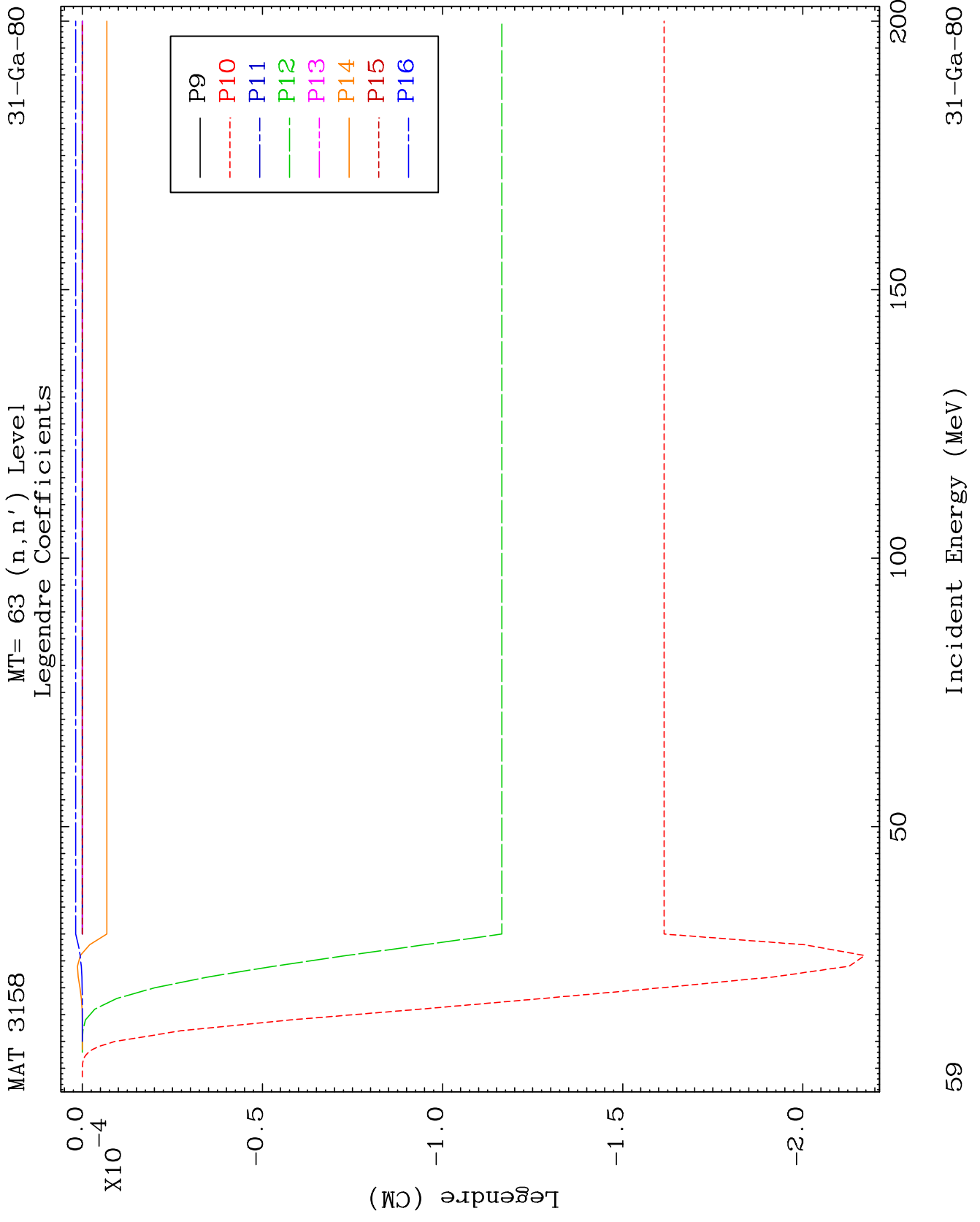


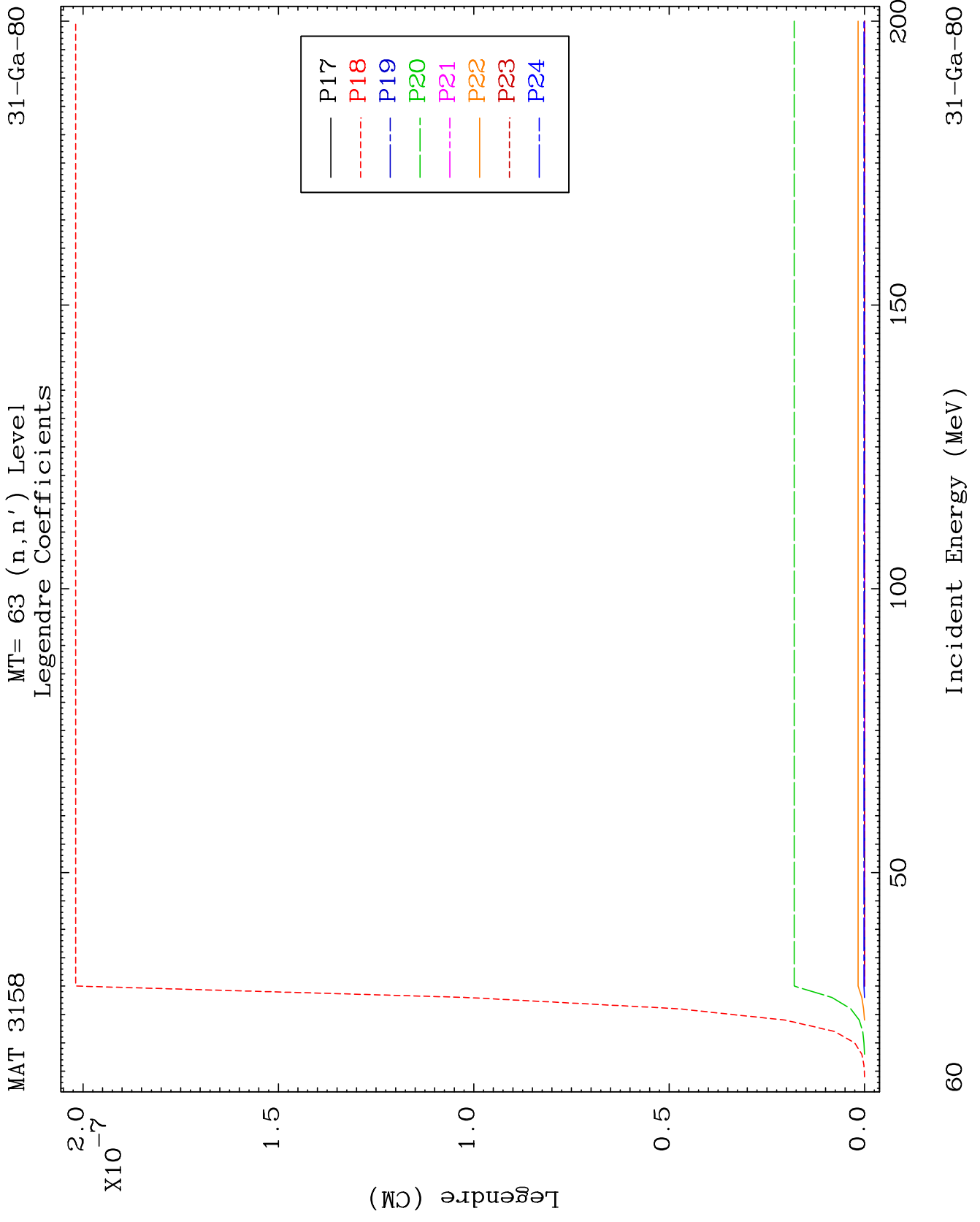


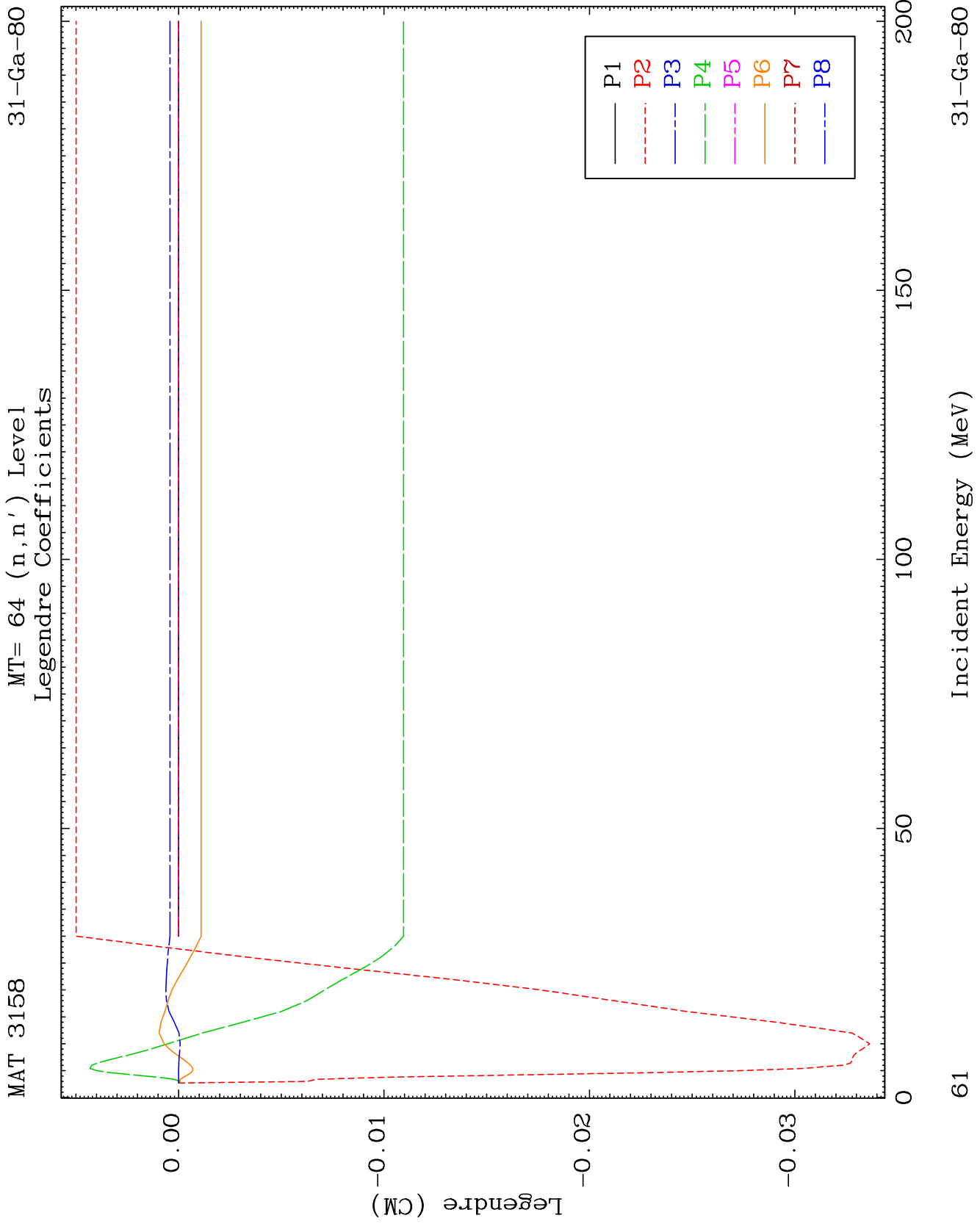


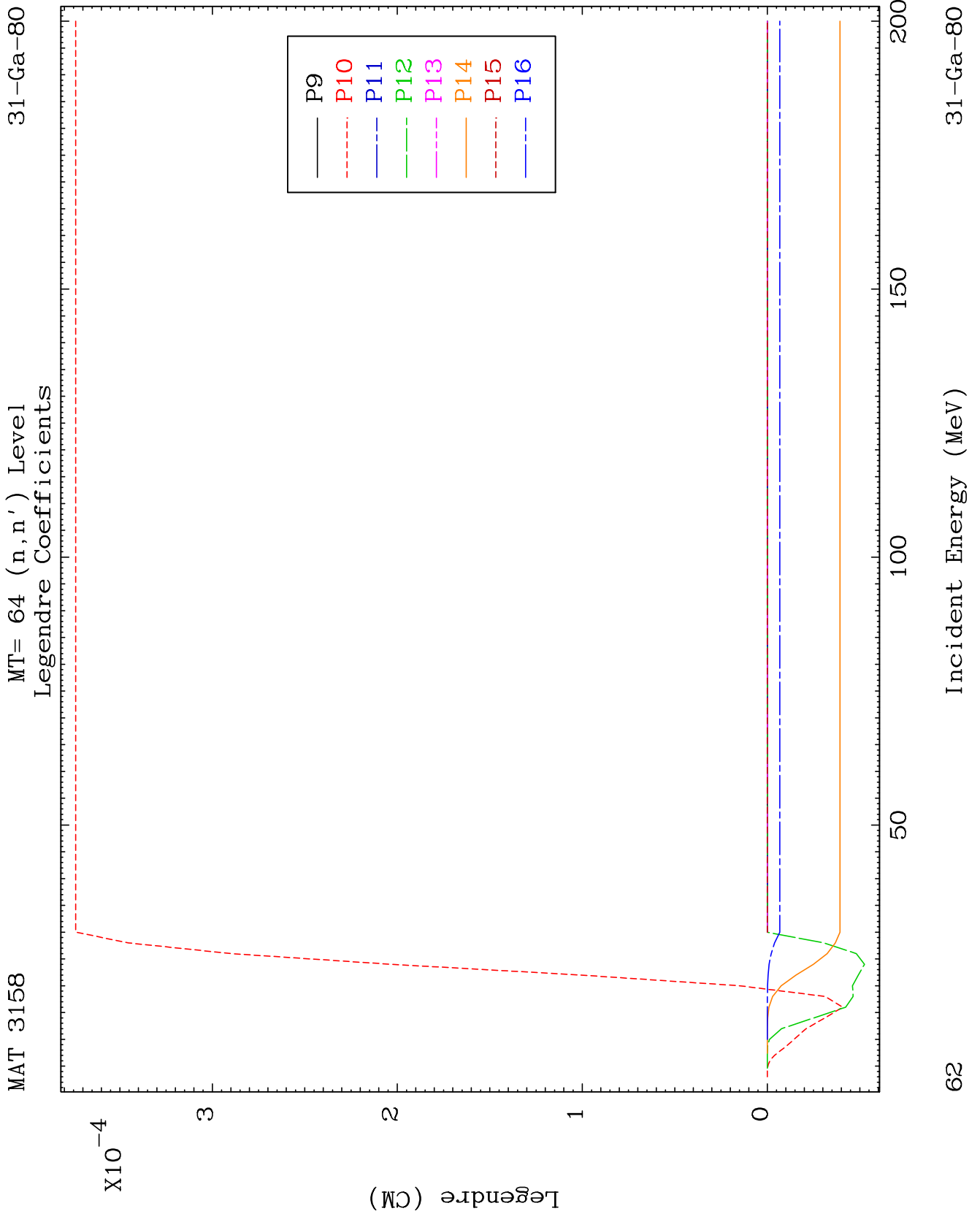


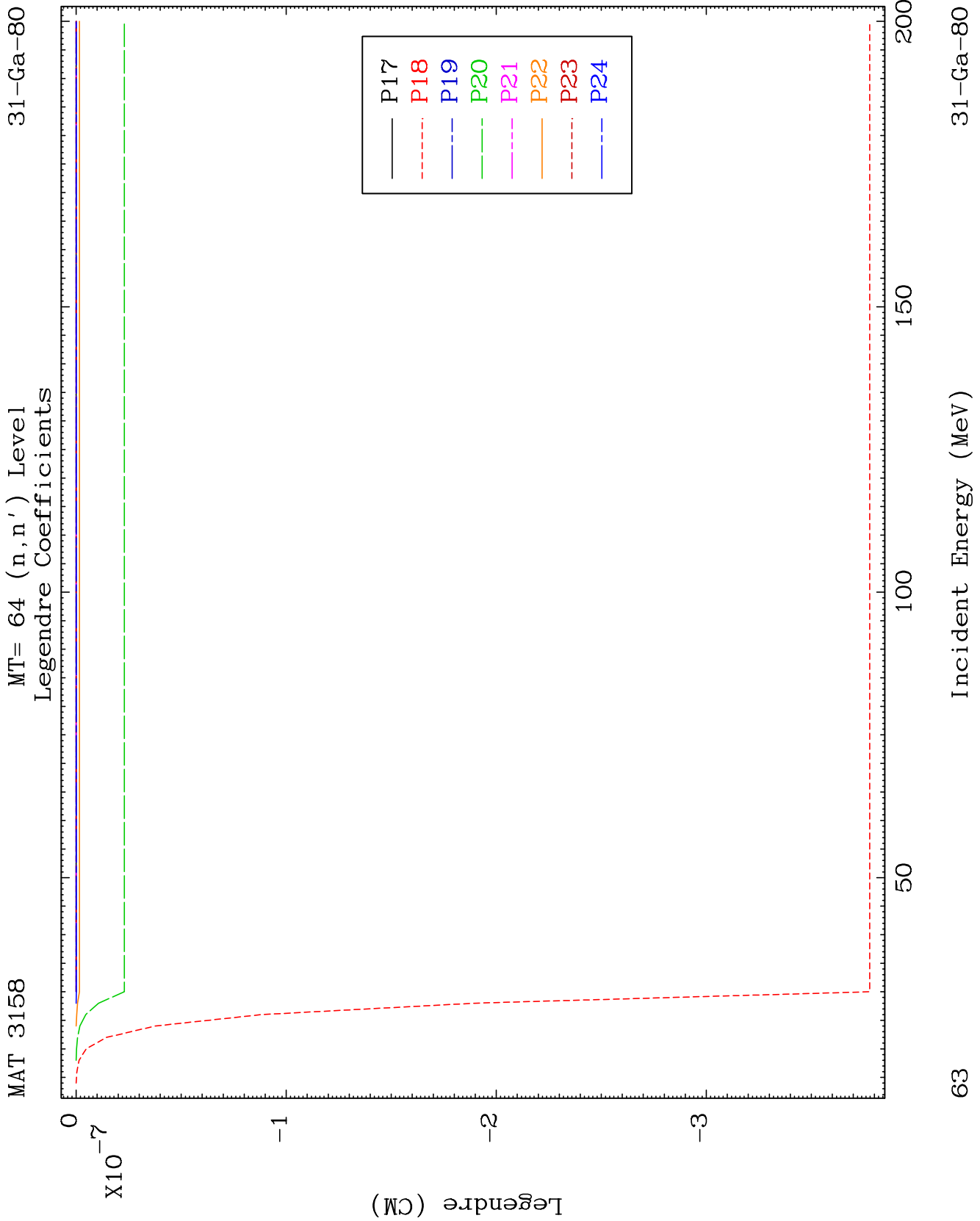






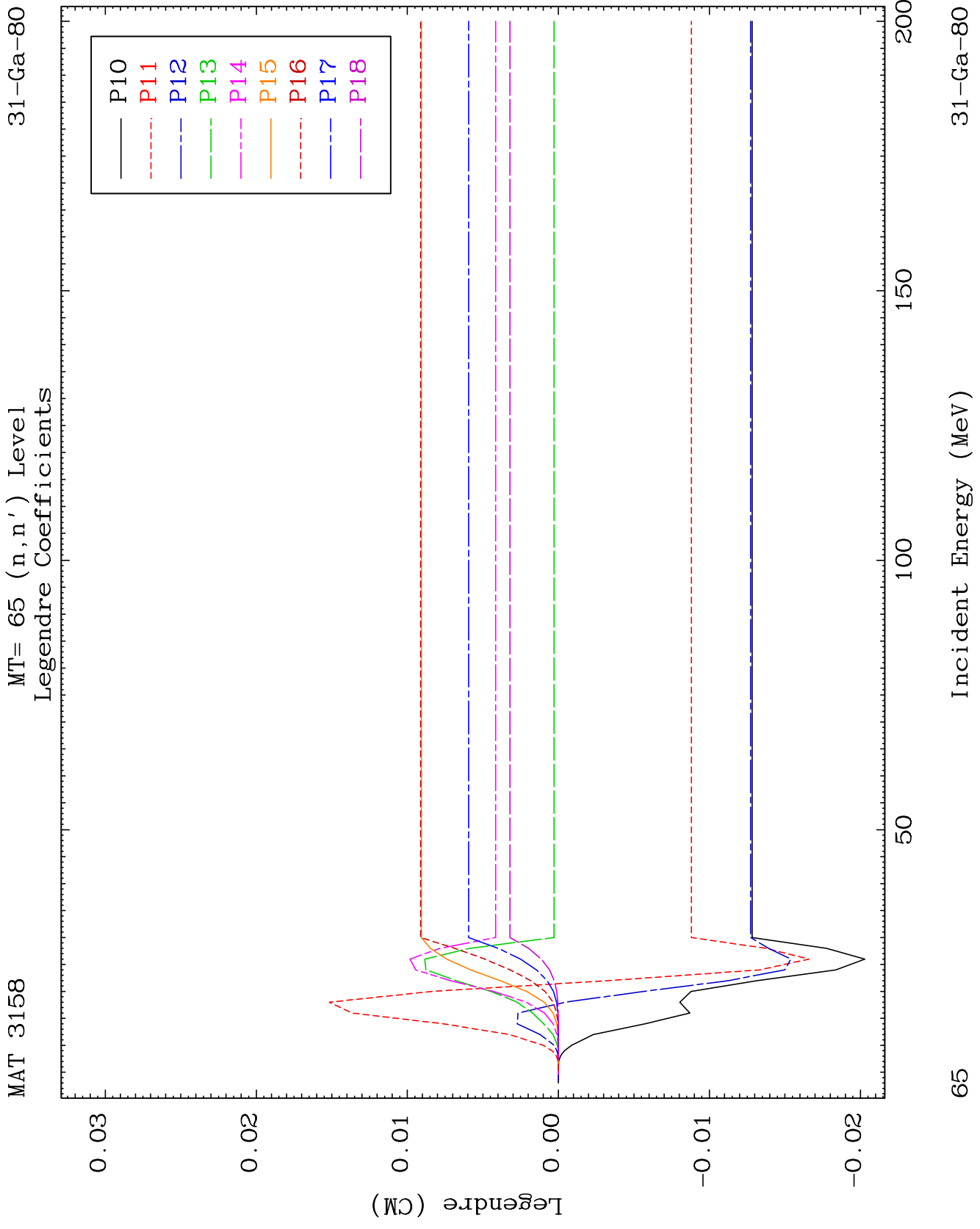








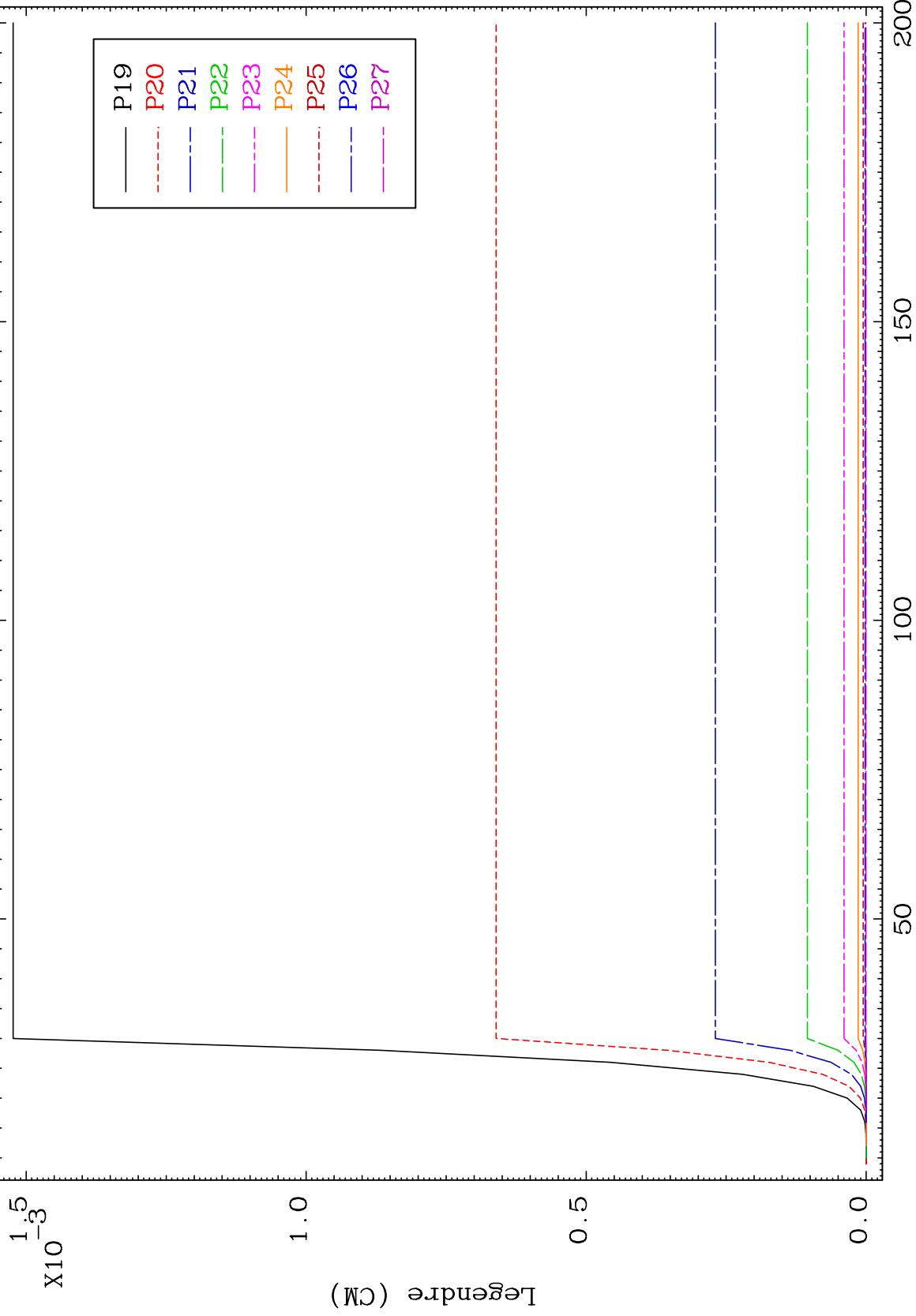




MAT 3158

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

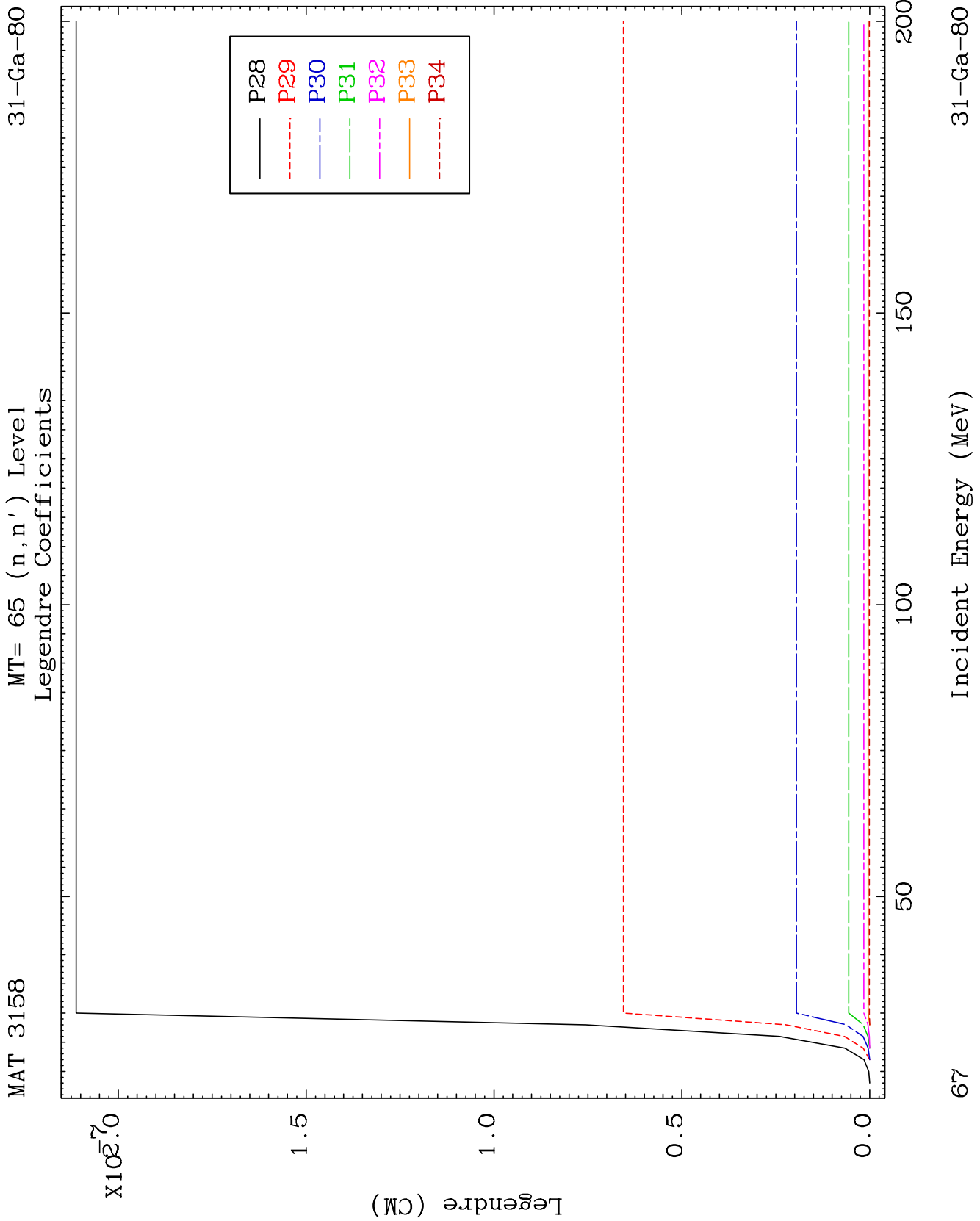
31-Ga-80



66

Incident Energy (MeV)

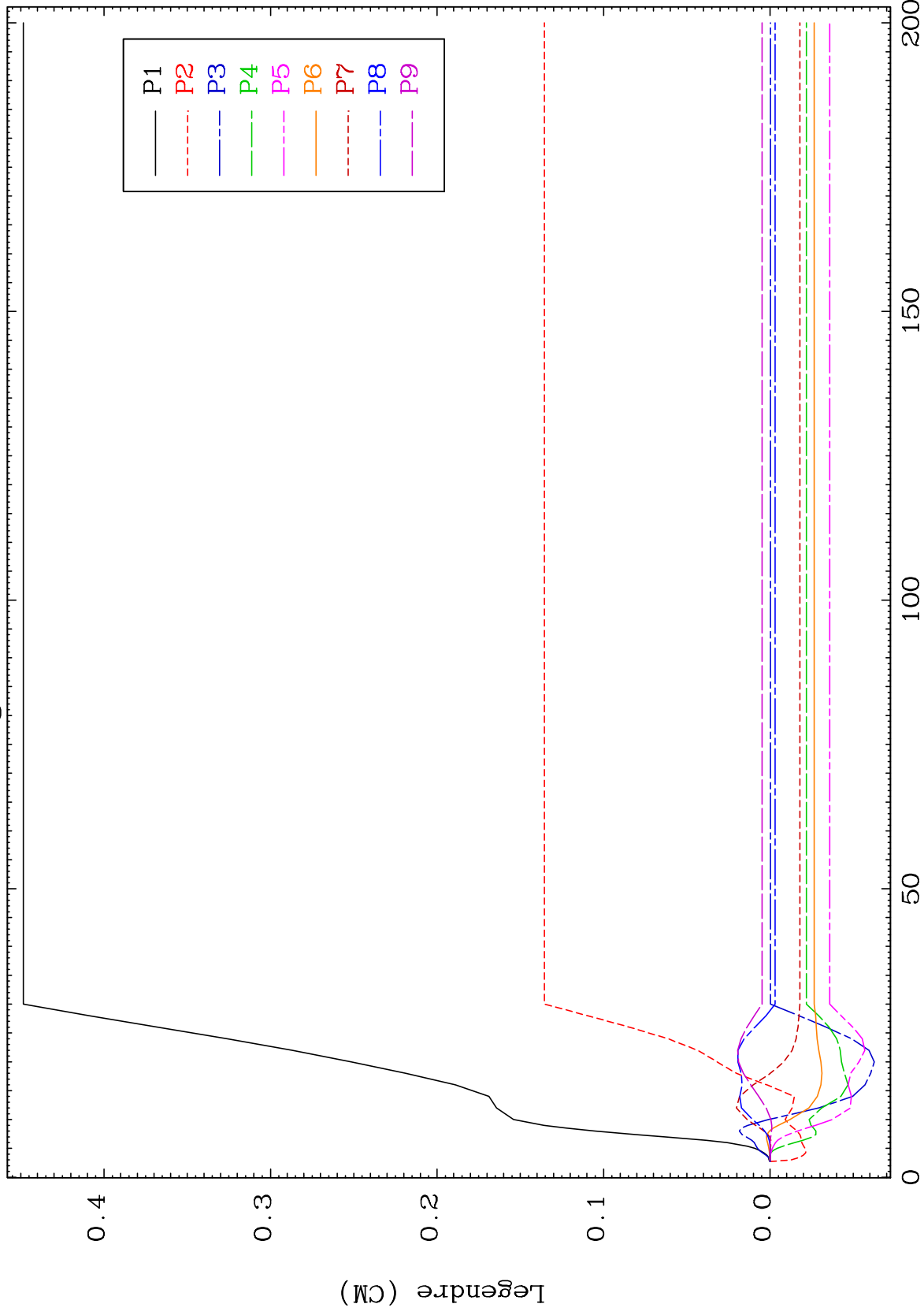
31-Ga-80



MAT 3158

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

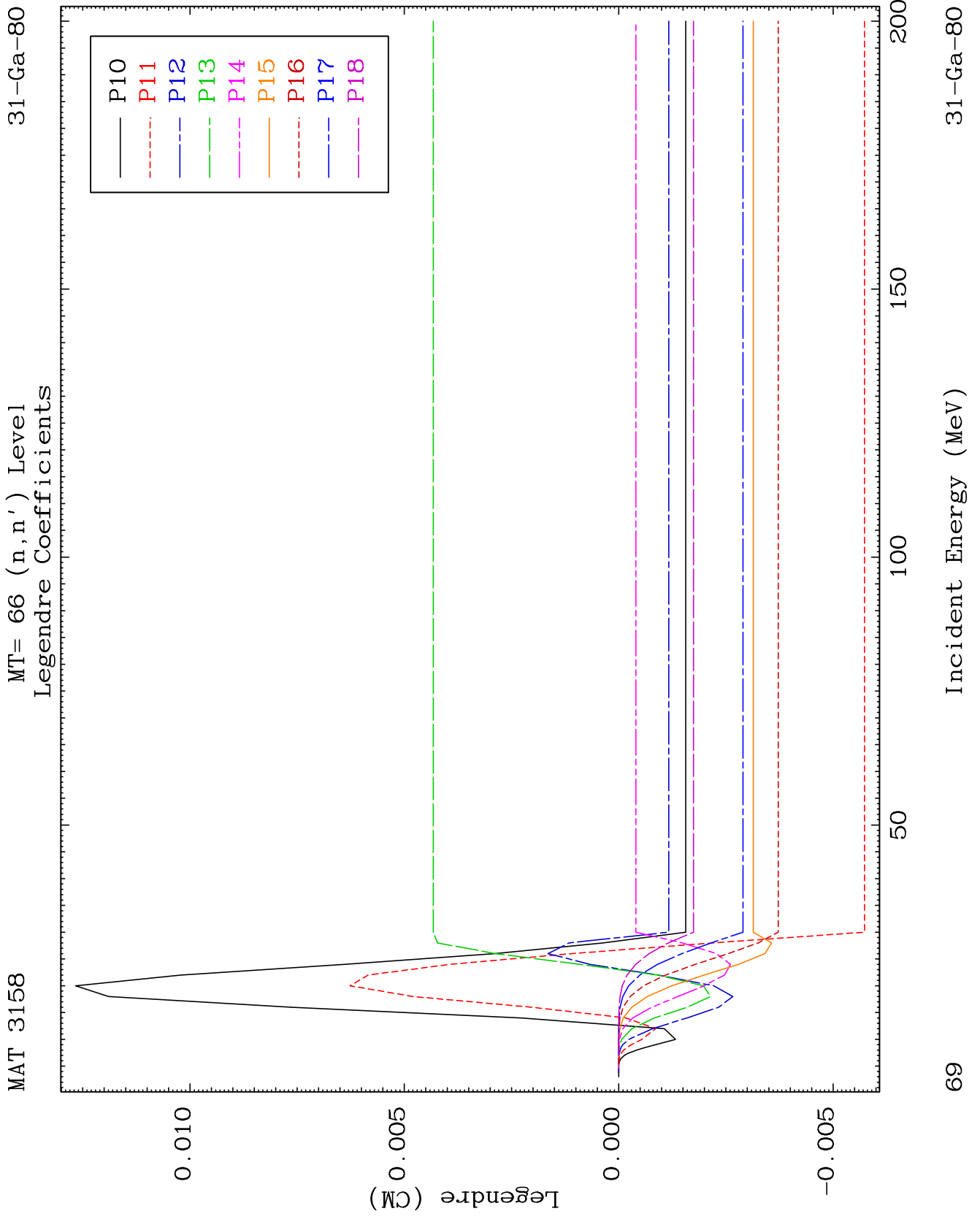
31-Ga-80

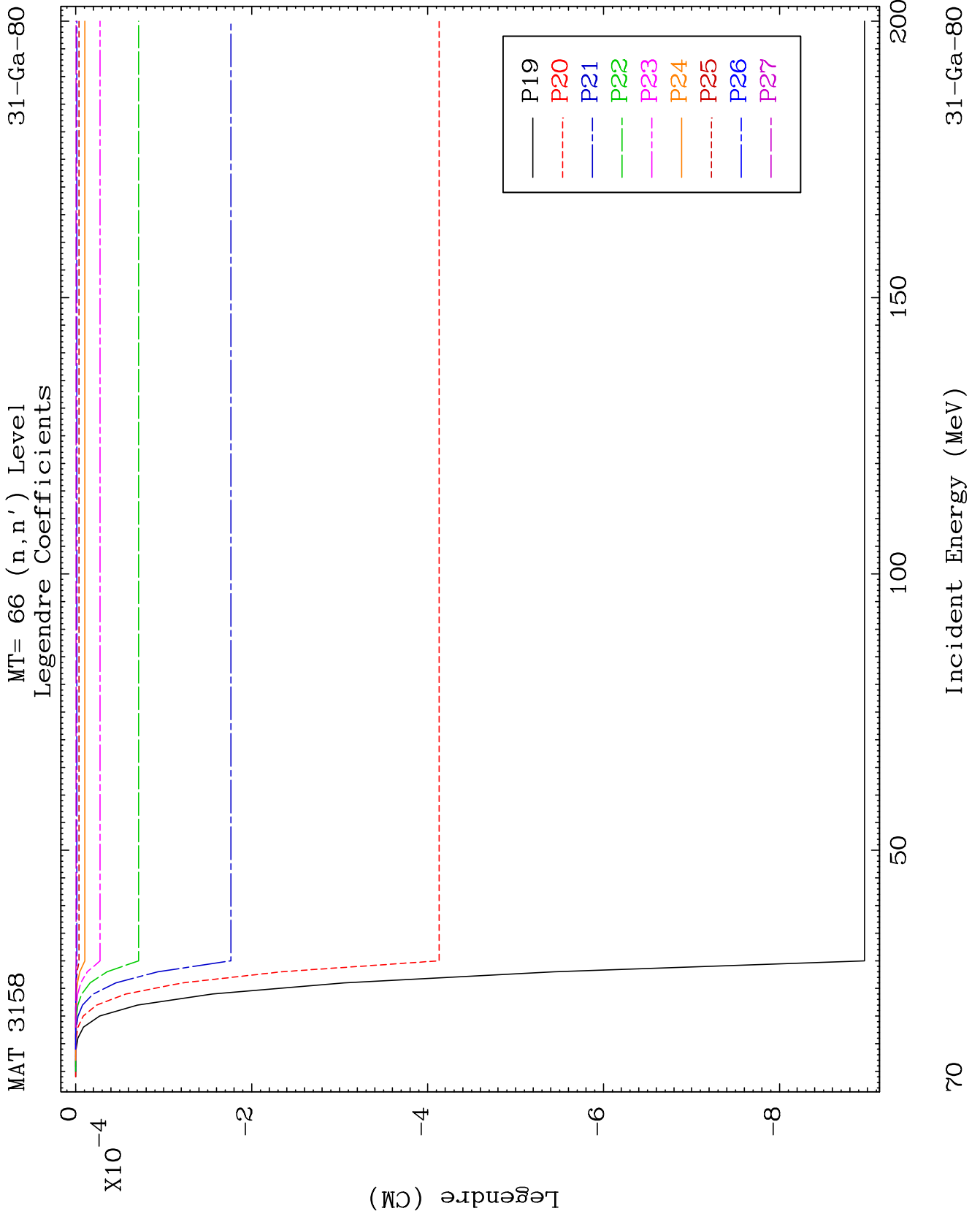


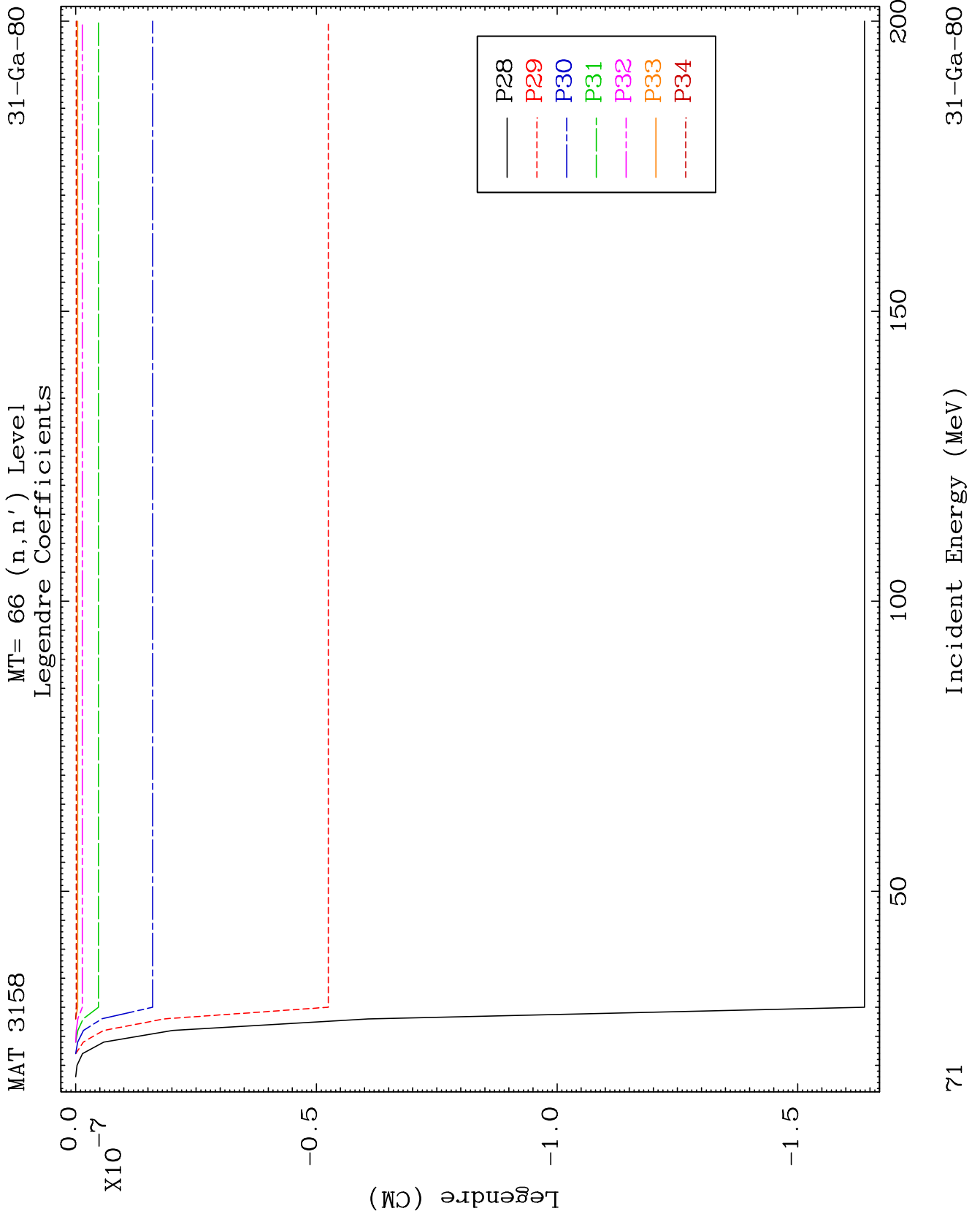
68

Incident Energy (MeV)

31-Ga-80





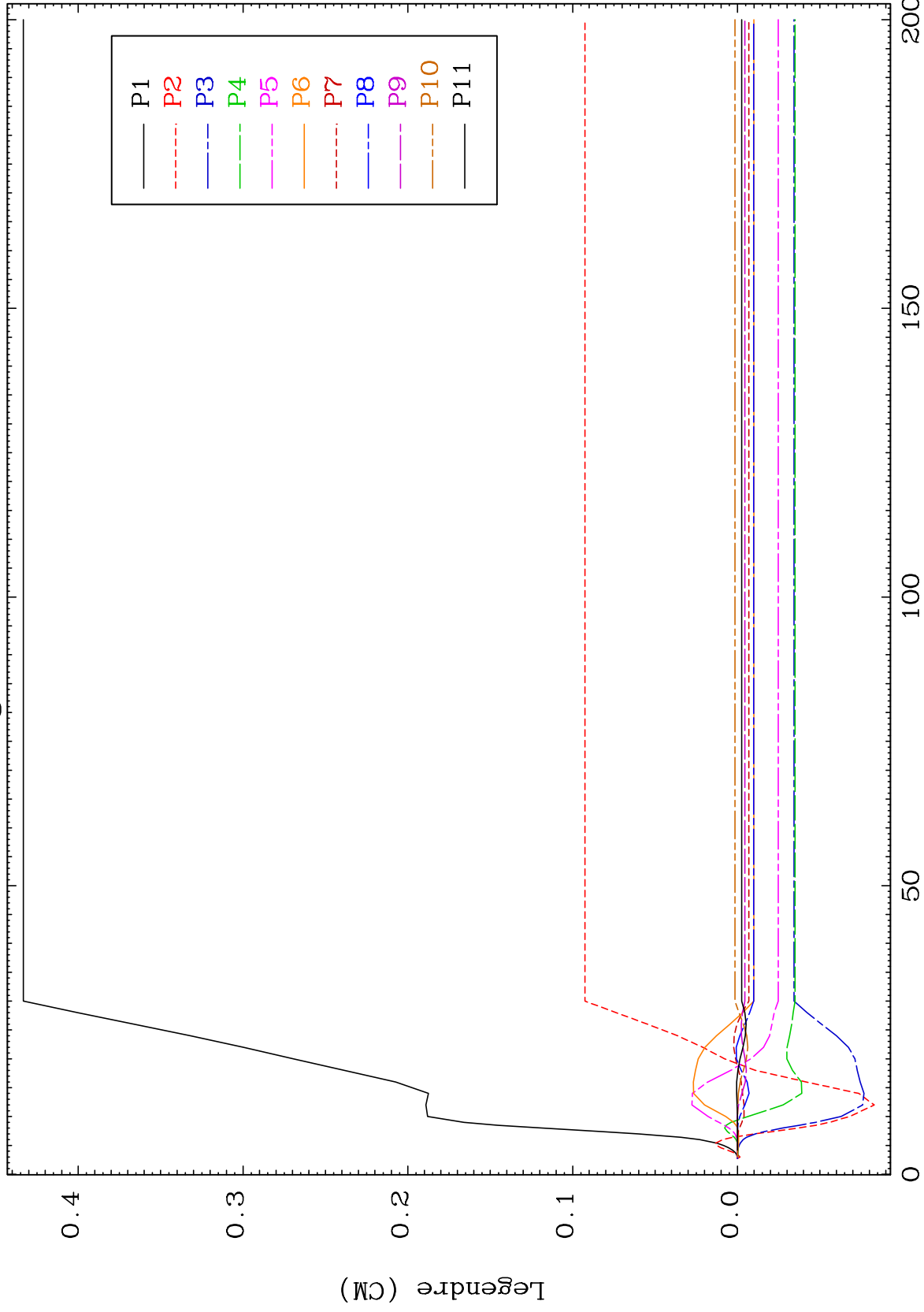




MAT 3158

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

31-Ga-80



72

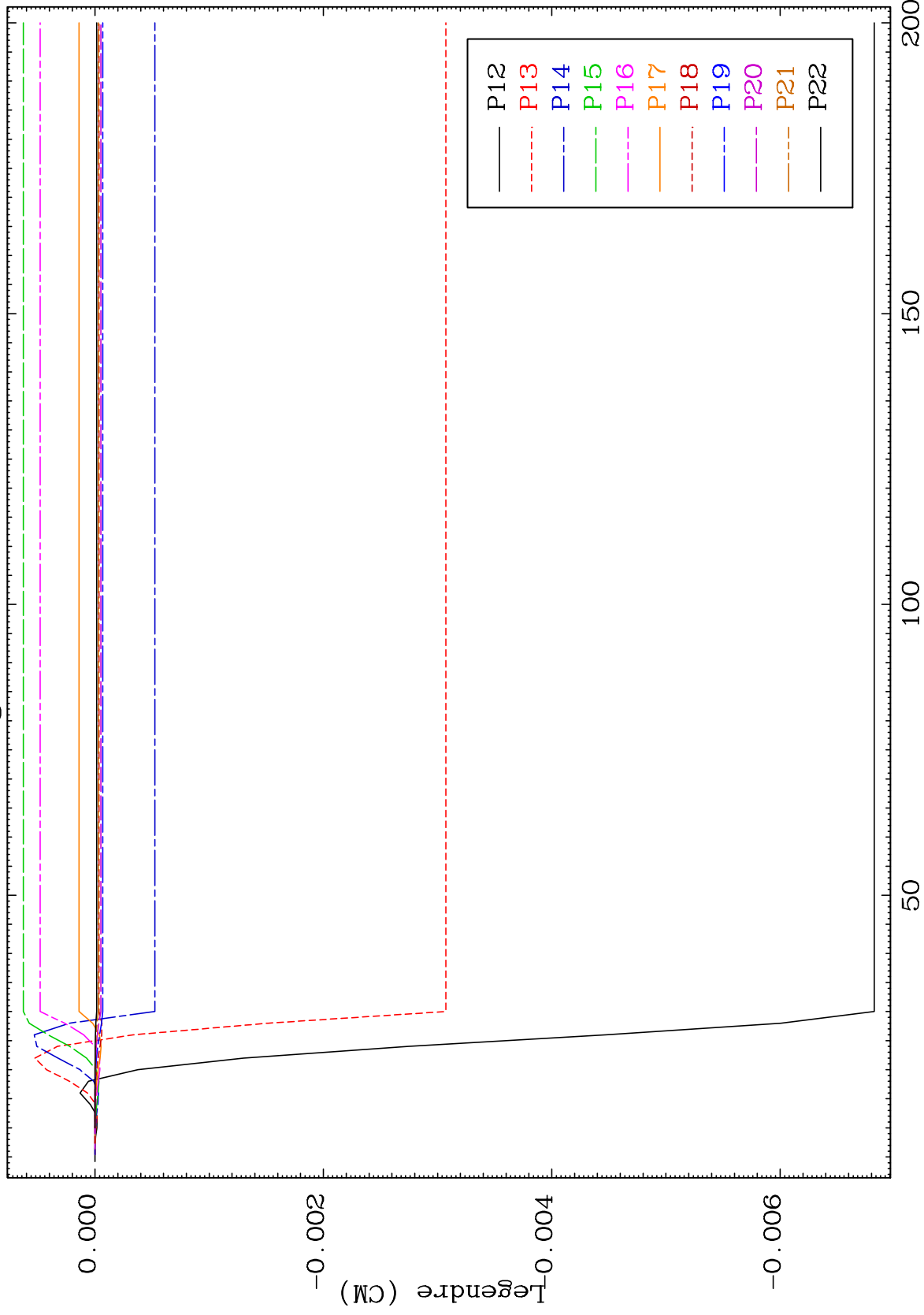
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

31-Ga-80



73

Incident Energy (MeV)

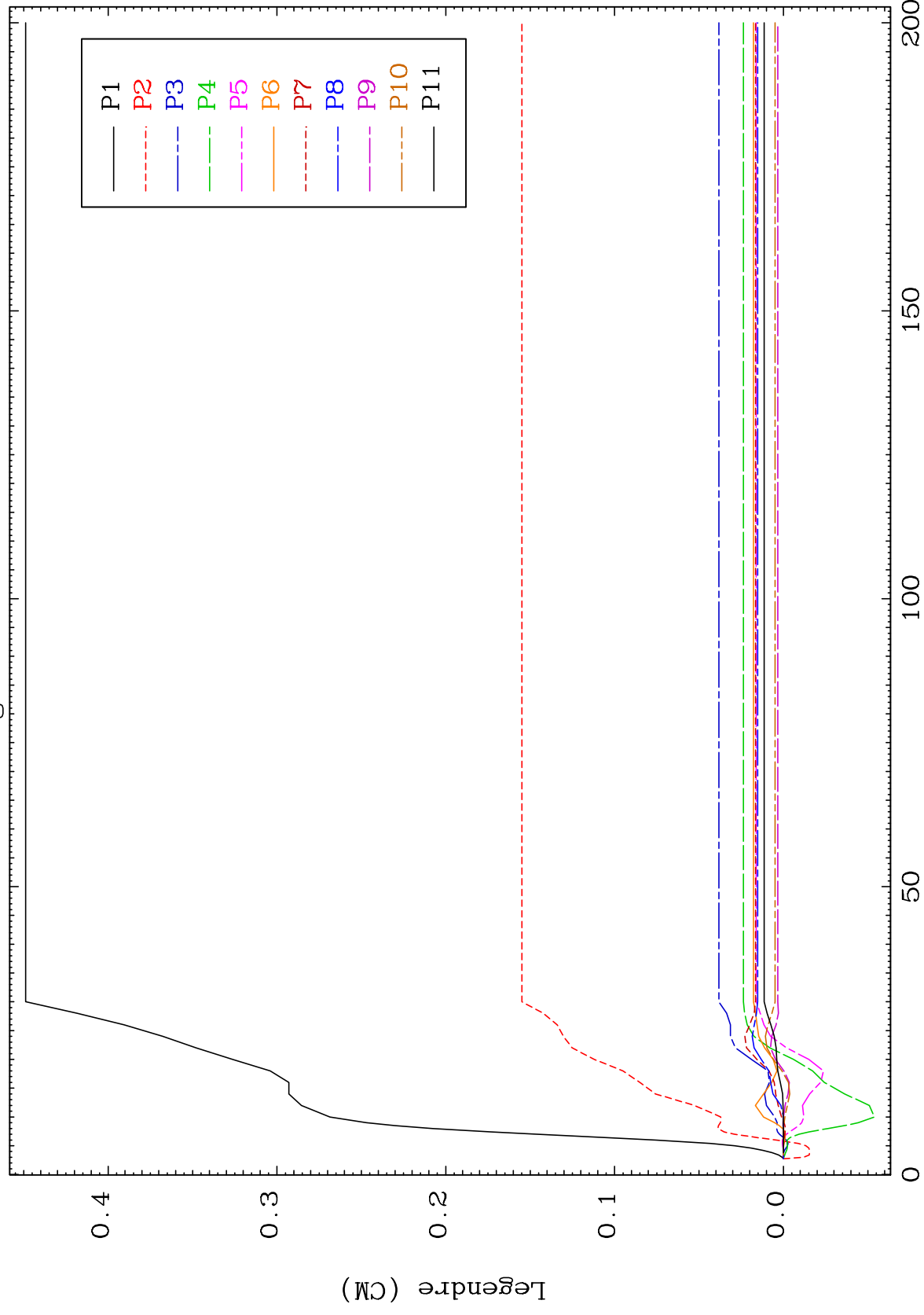
31-Ga-80



MAT 3158

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

31-Ga-80



75

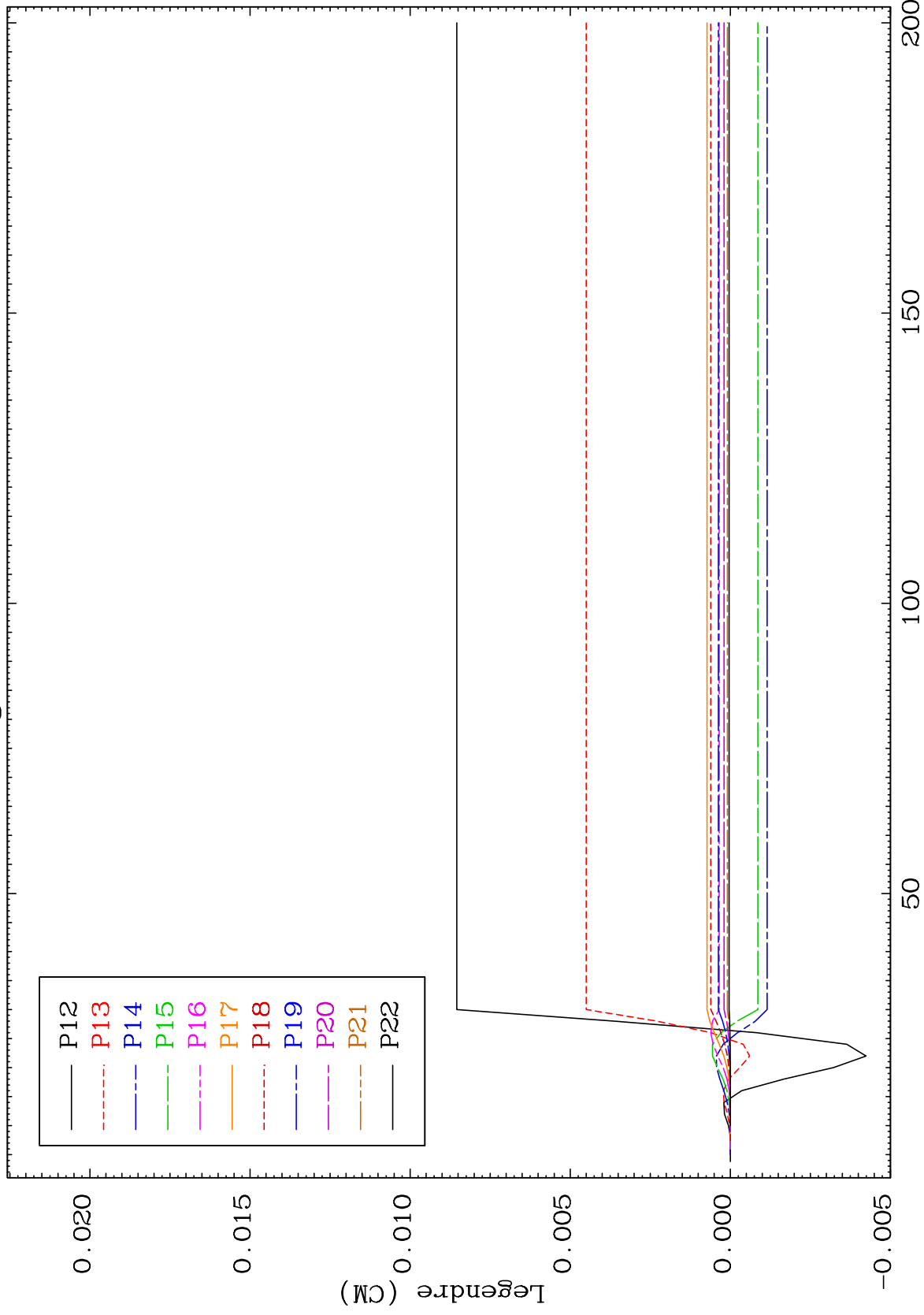
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

31-Ga-80



76

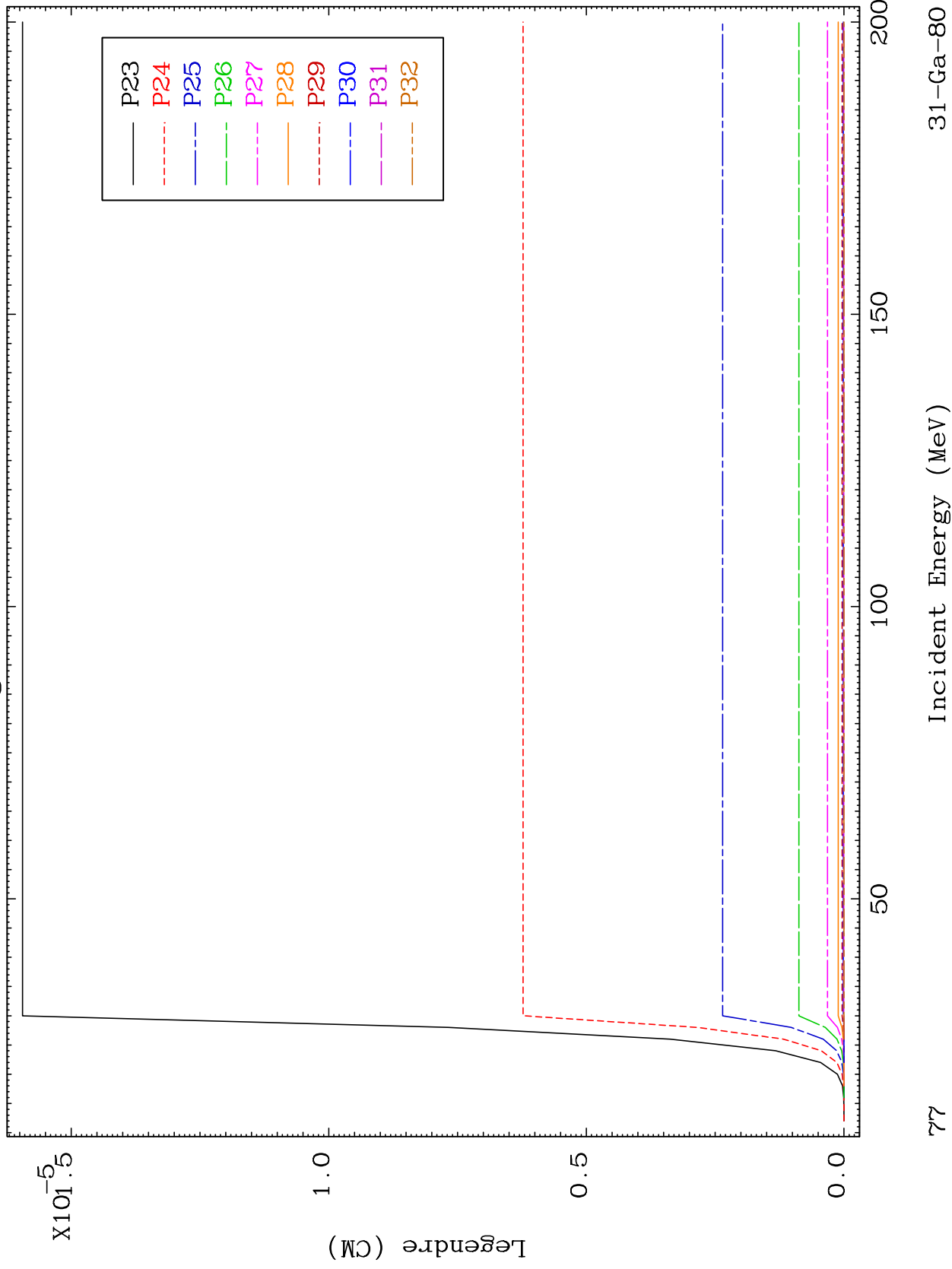
Incident Energy (MeV)

31-Ga-80

MAT 3158

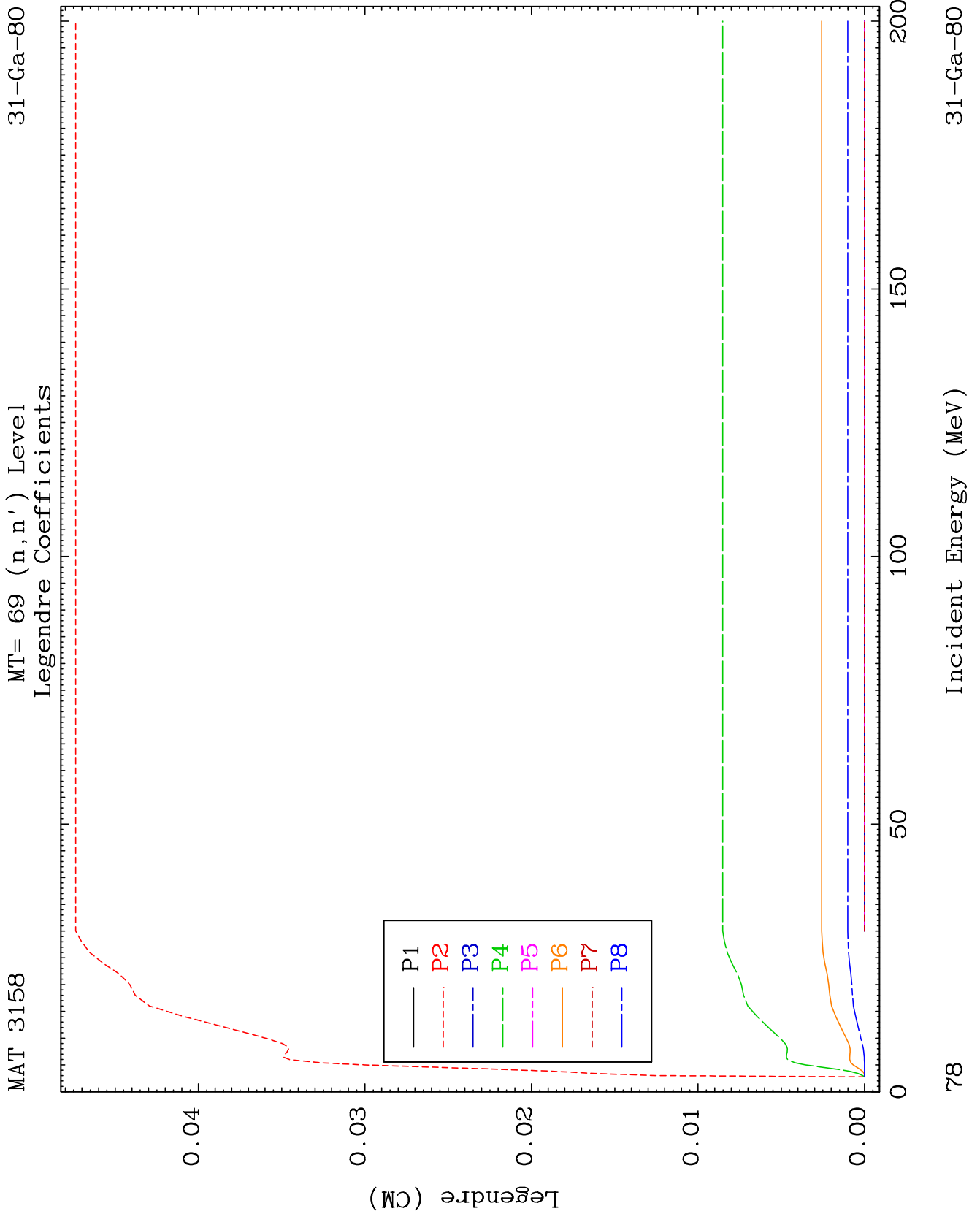
MT= 68 (n,n') Level  
Legendre Coefficients

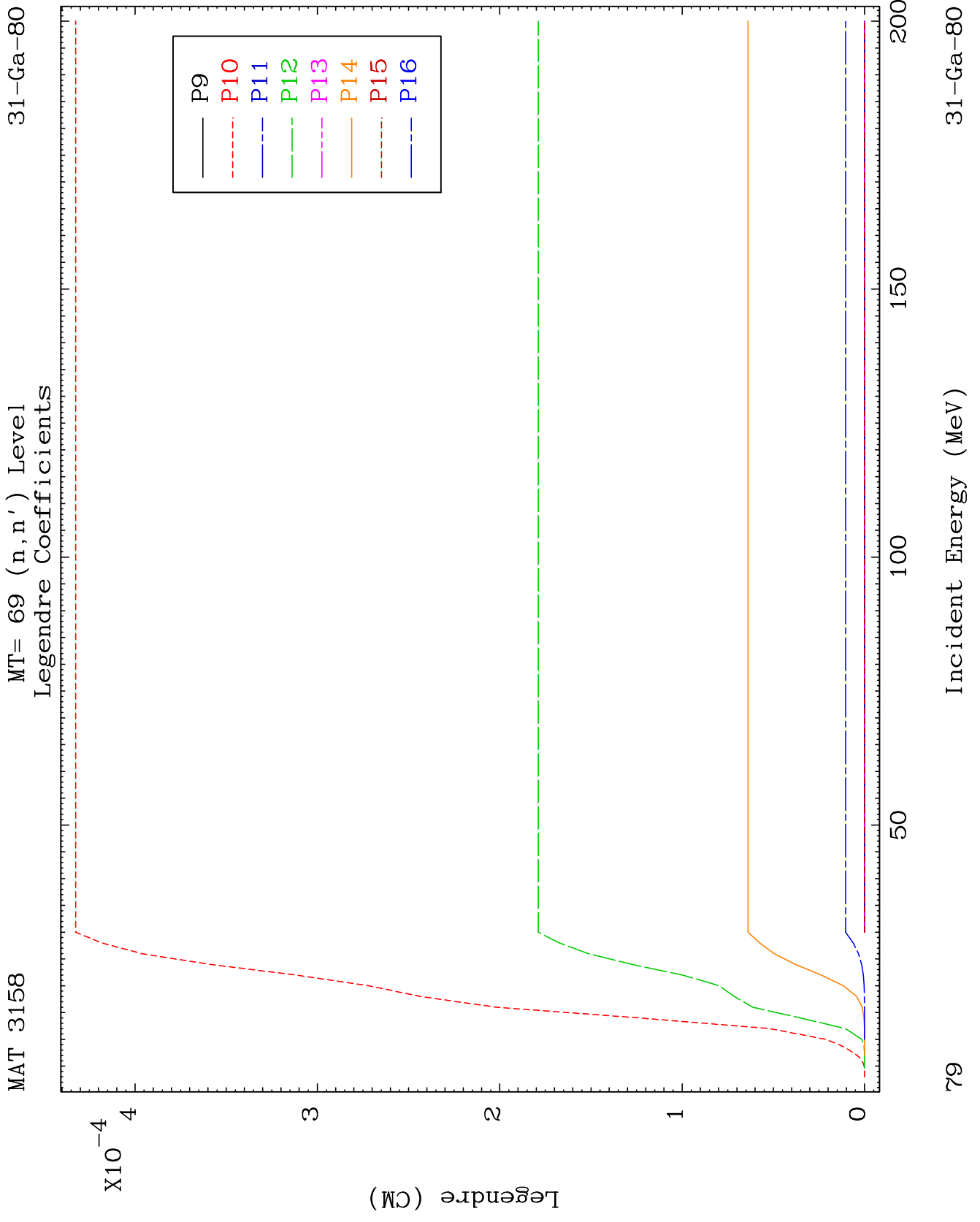
31-Ga-80



77

31-Ga-80

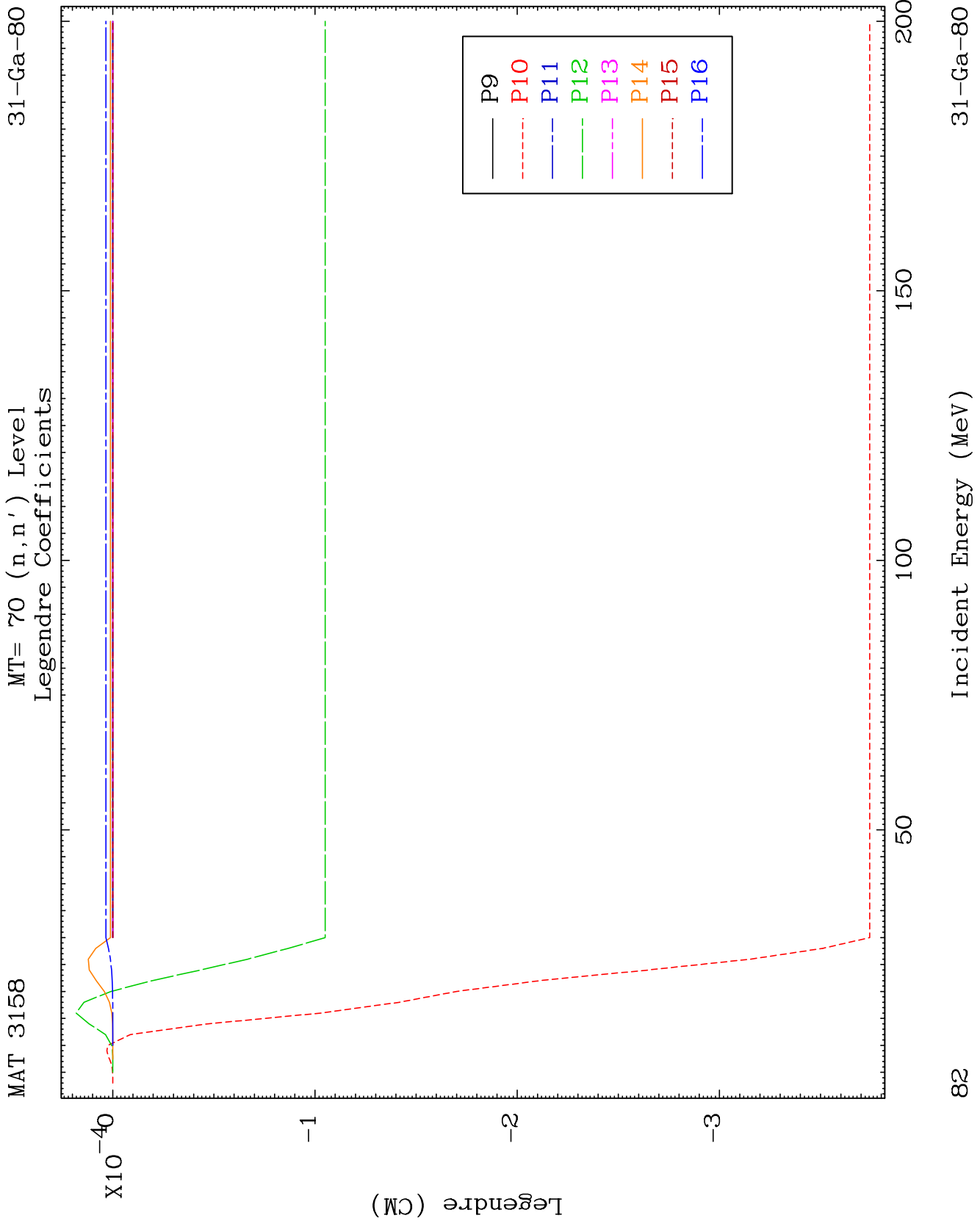










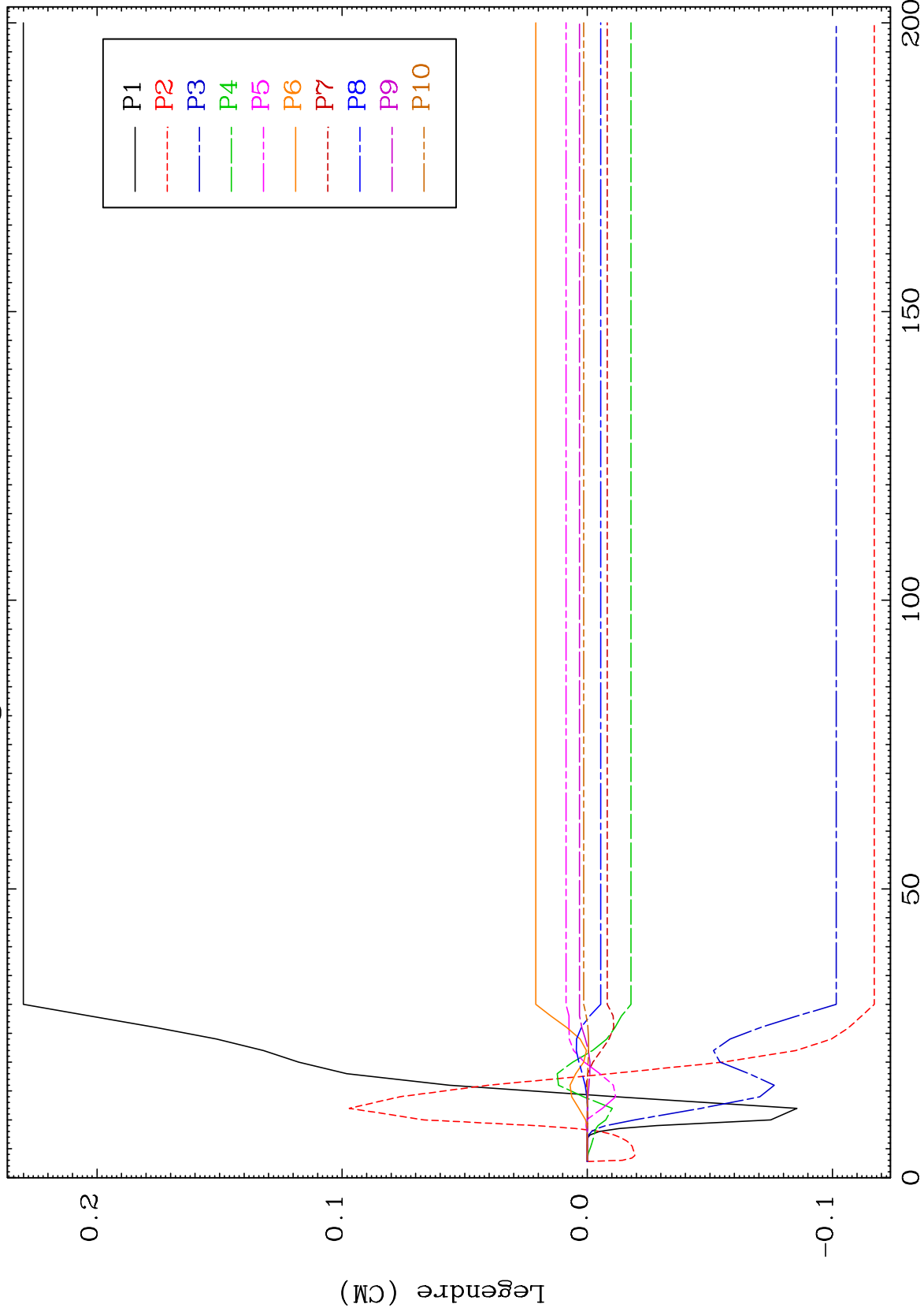




MAT 3158

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

31-Ga-80



84

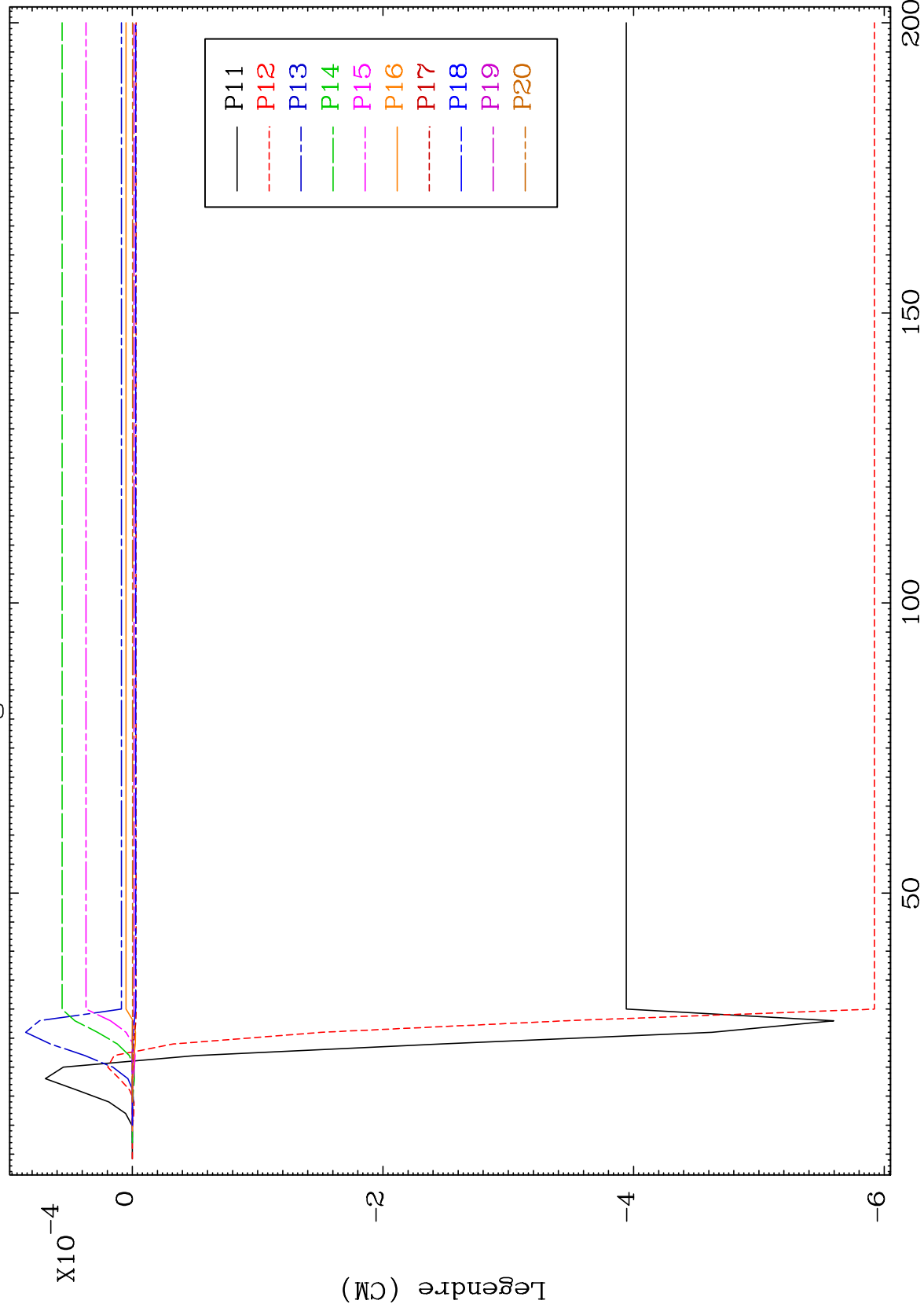
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

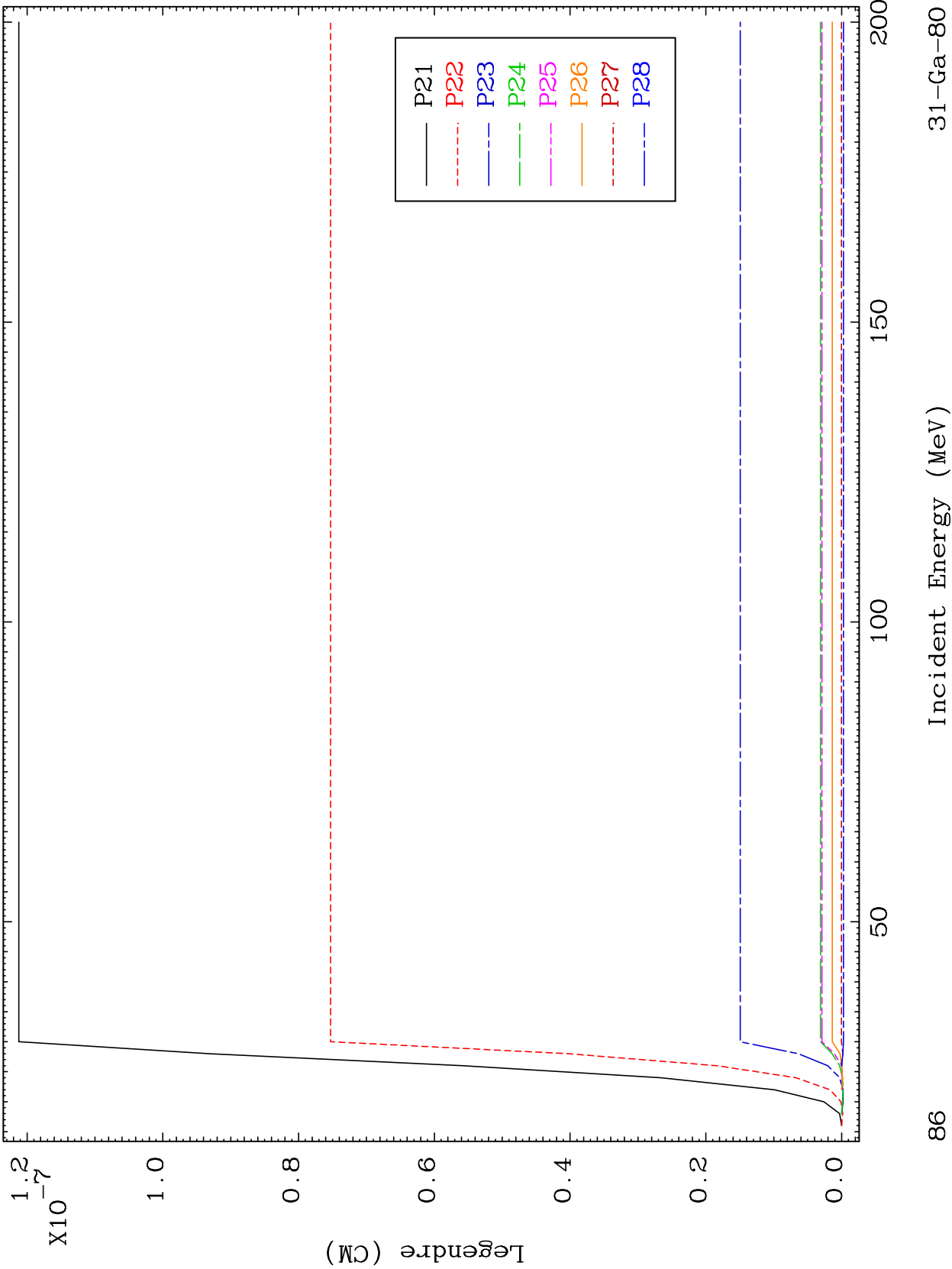
31-Ga-80



85

Incident Energy (MeV)

31-Ga-80



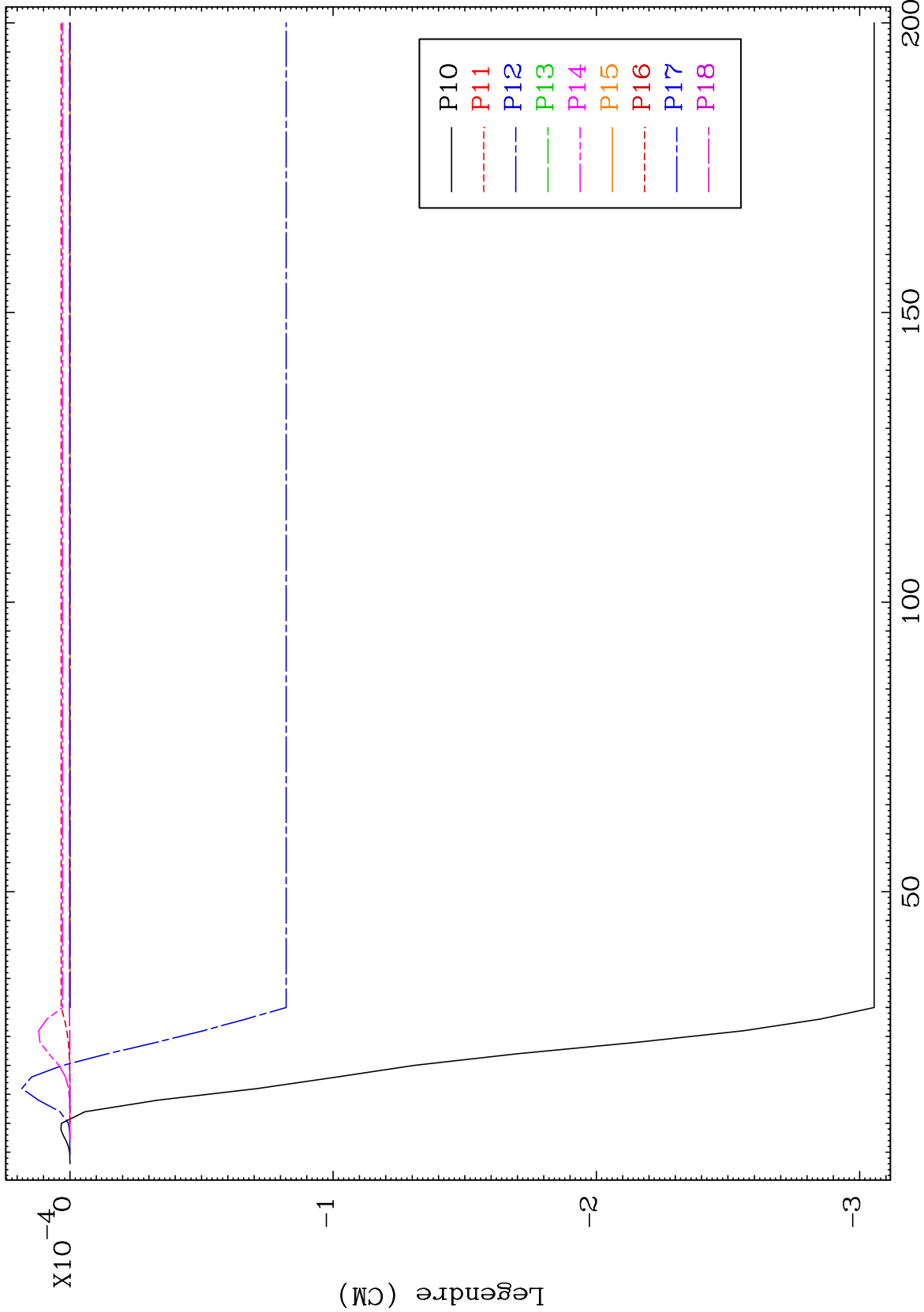




MAT 3158

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

31-Ga-80



88

Incident Energy (MeV)

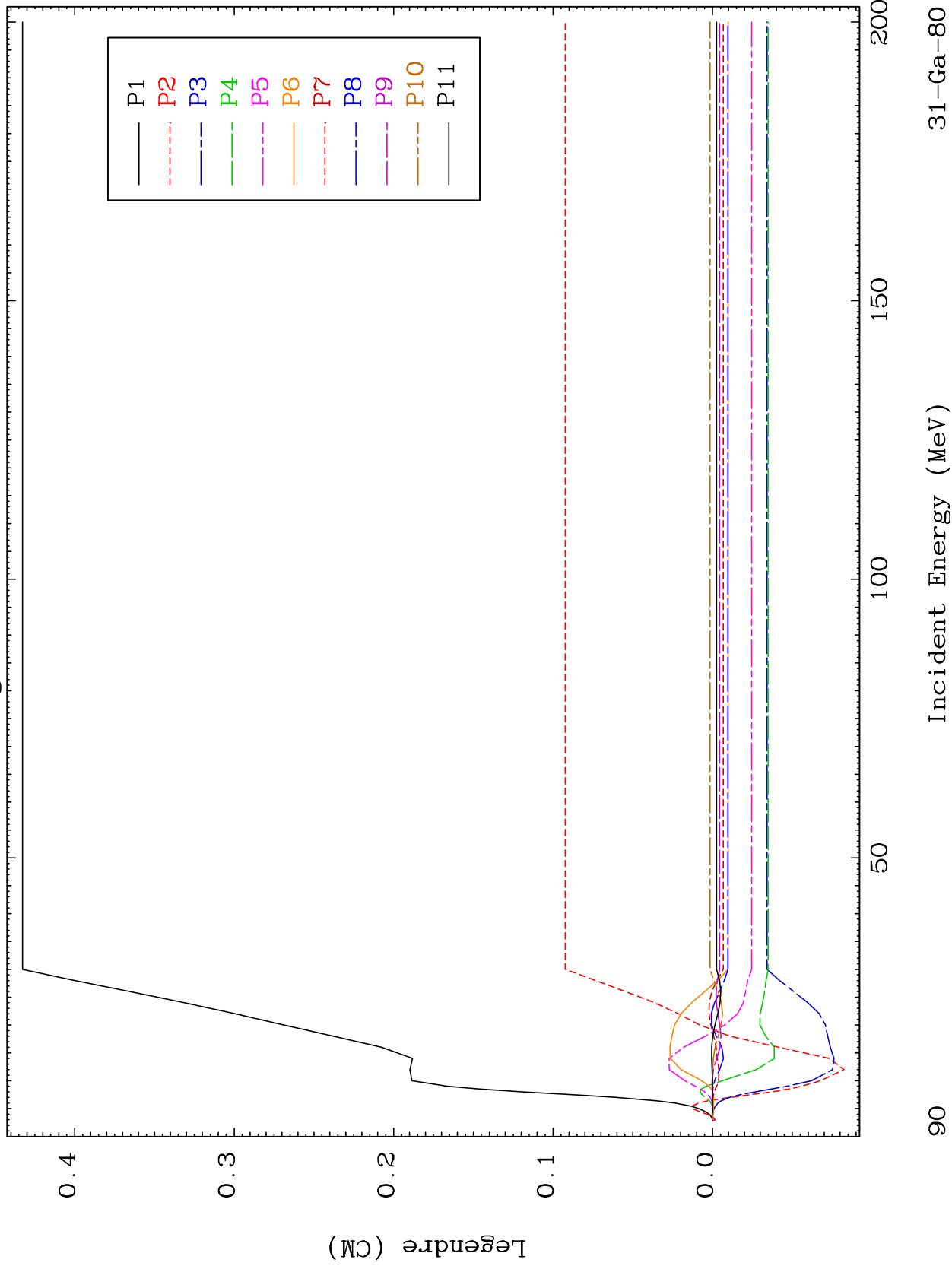
31-Ga-80



MAT 3158

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

31-Ga-80



90

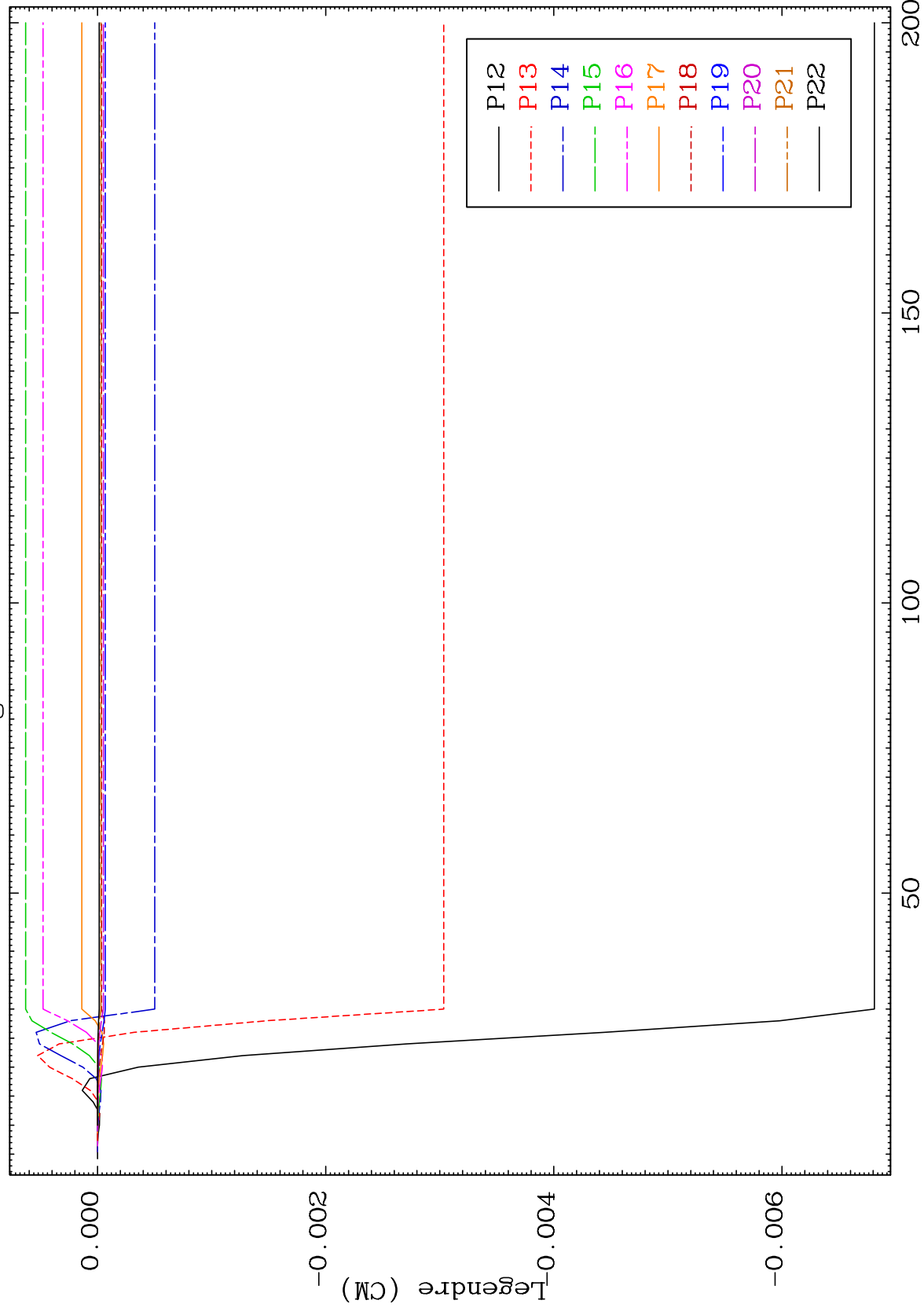
Incident Energy (MeV)

31-Ga-80

MAT 3158

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

31-Ga-80

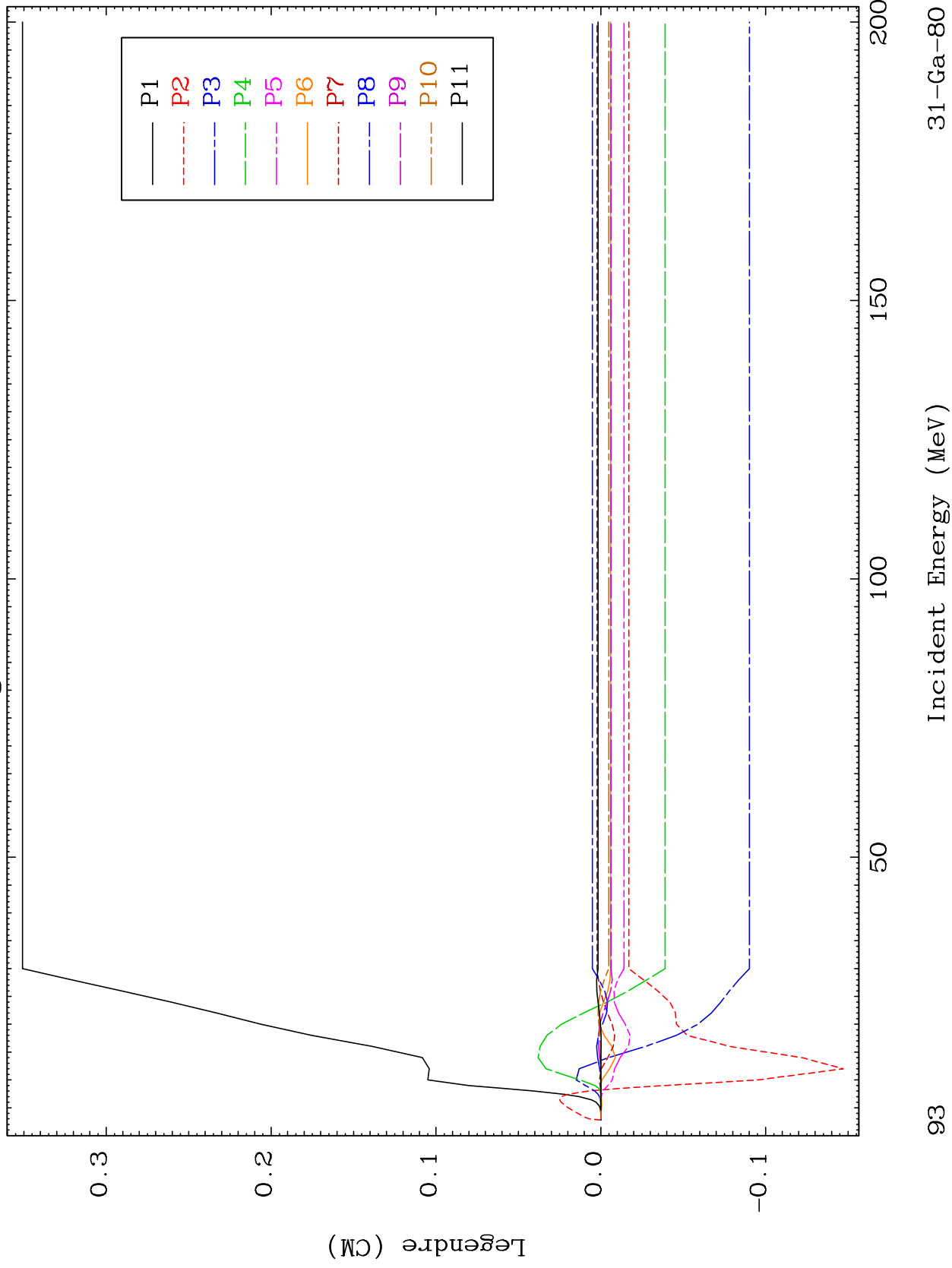




MAT 3158

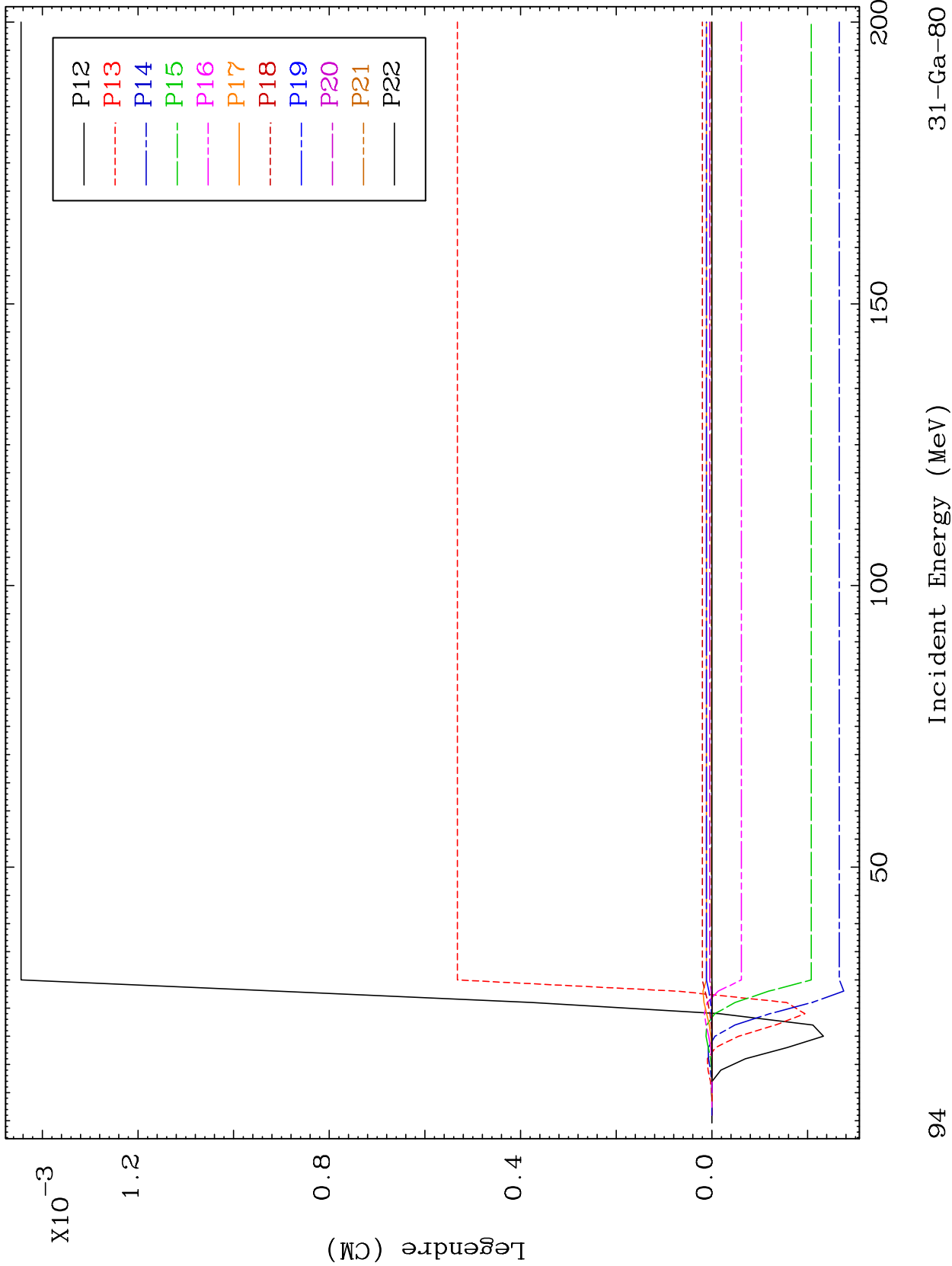
MT= 74 (n,n') Level  
Legendre Coefficients

31-Ga-80



93

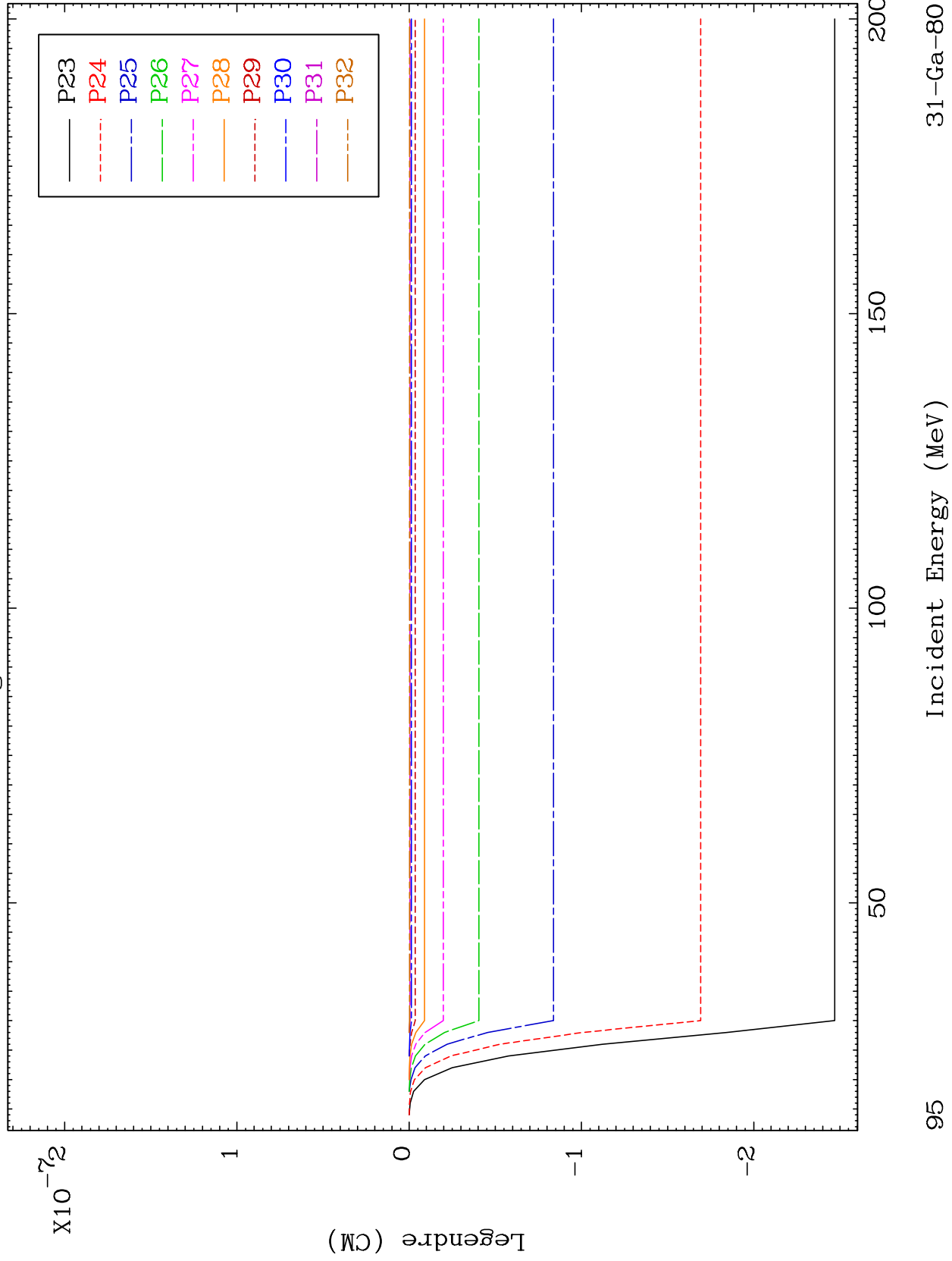
31-Ga-80



MAT 3158

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

31-Ga-80

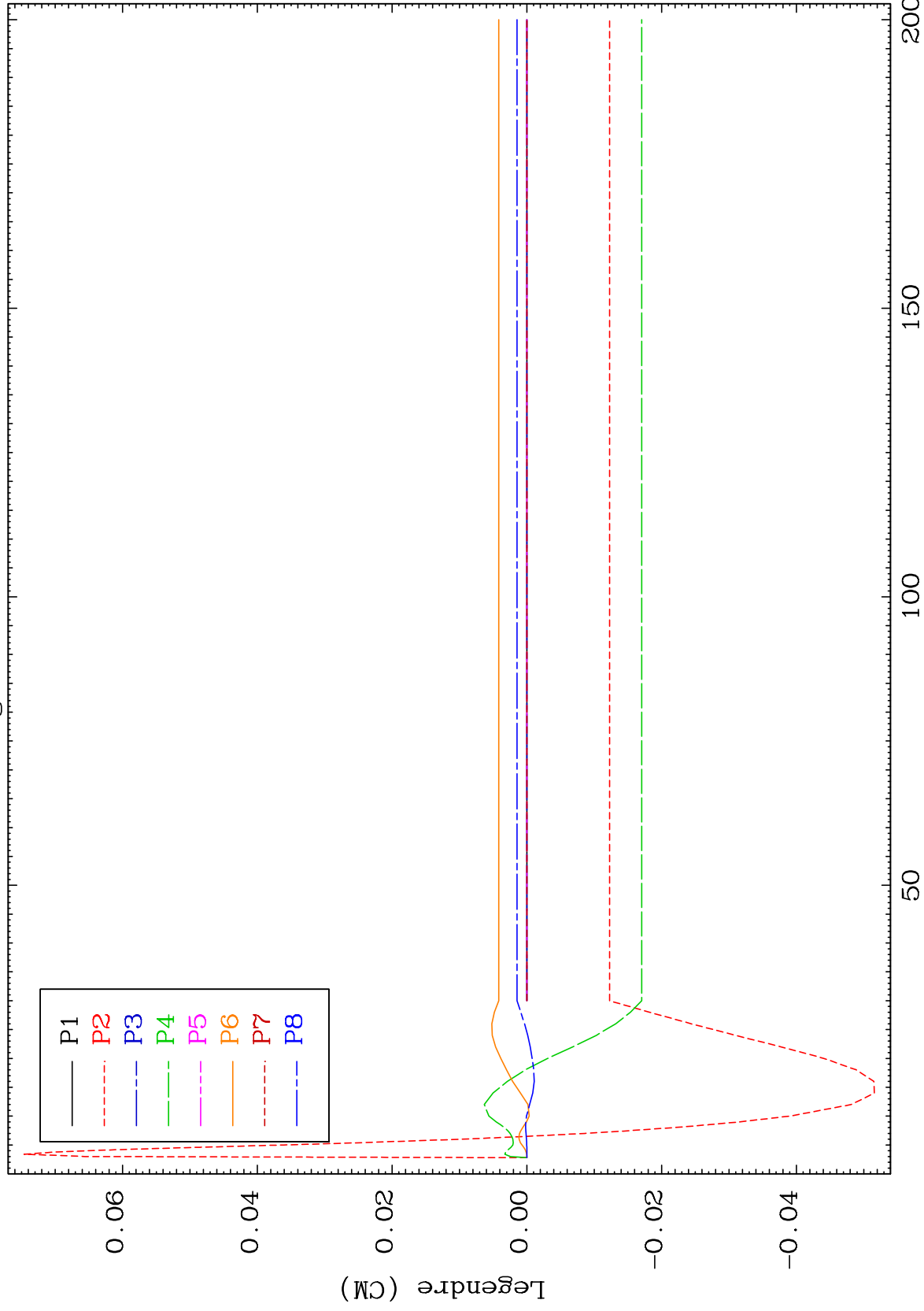




MAT 3158

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

31-Ga-80



96

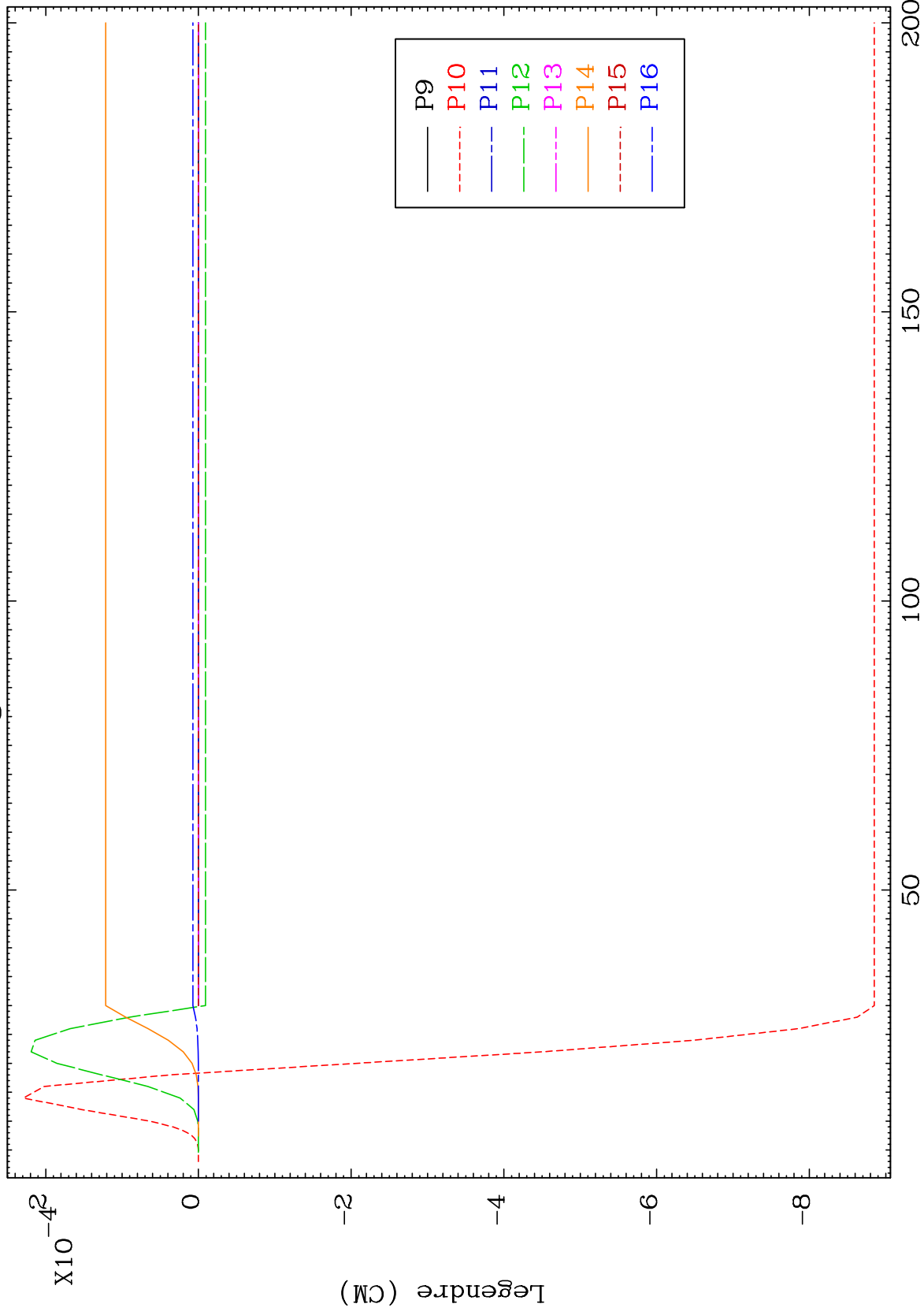
Incident Energy (MeV)

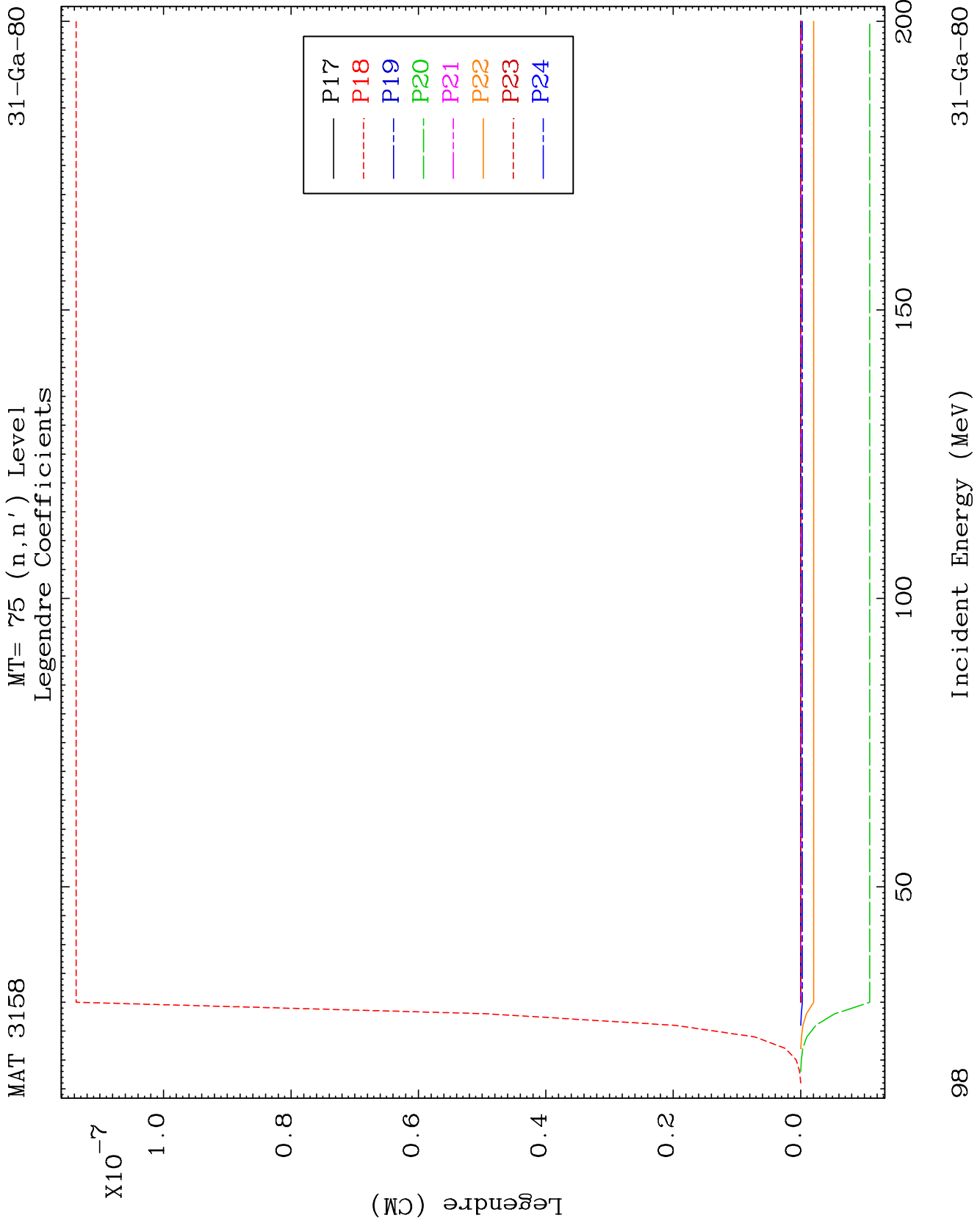
31-Ga-80

MAT 3158

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

31-Ga-80

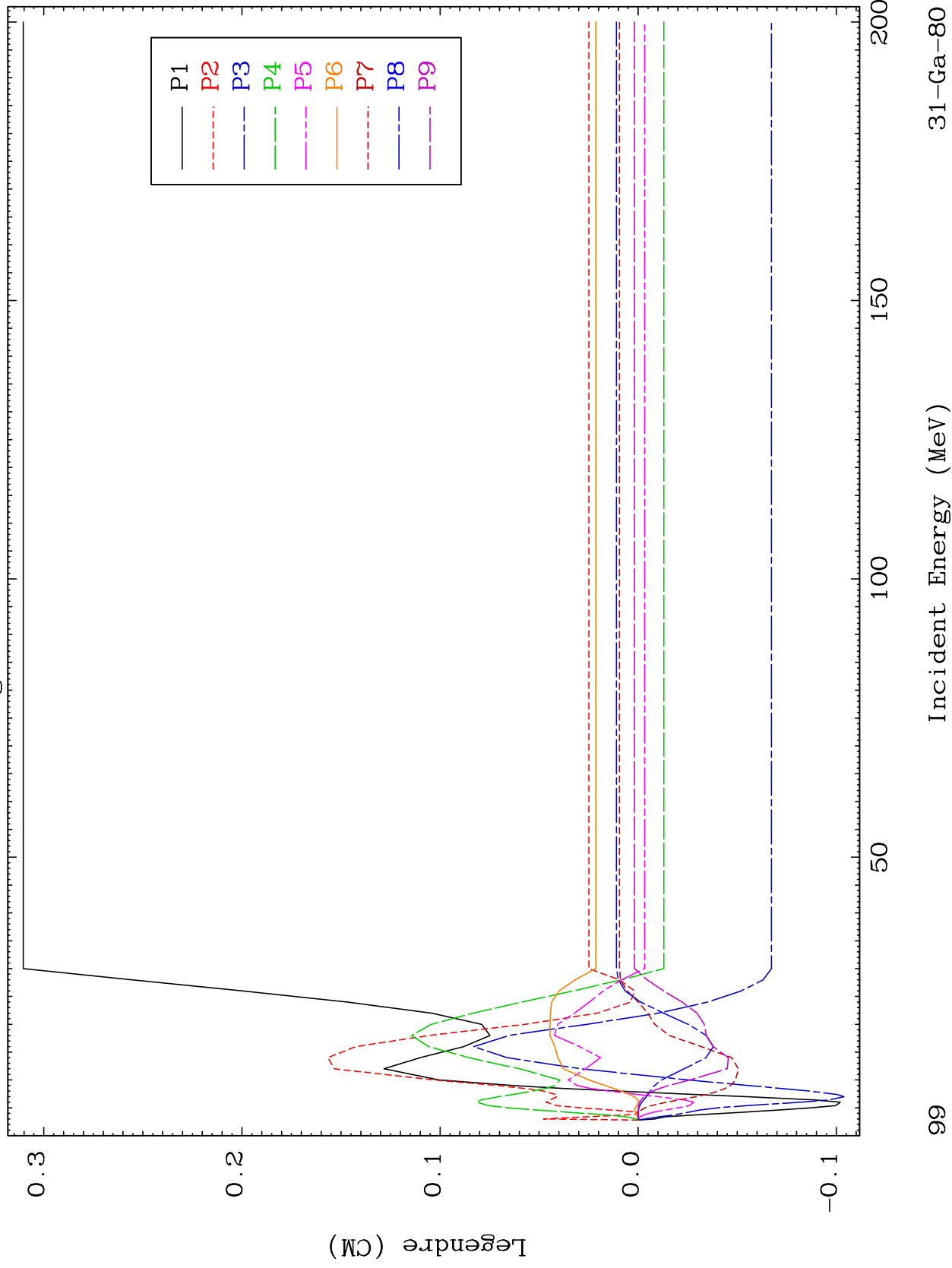




MAT 3158

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

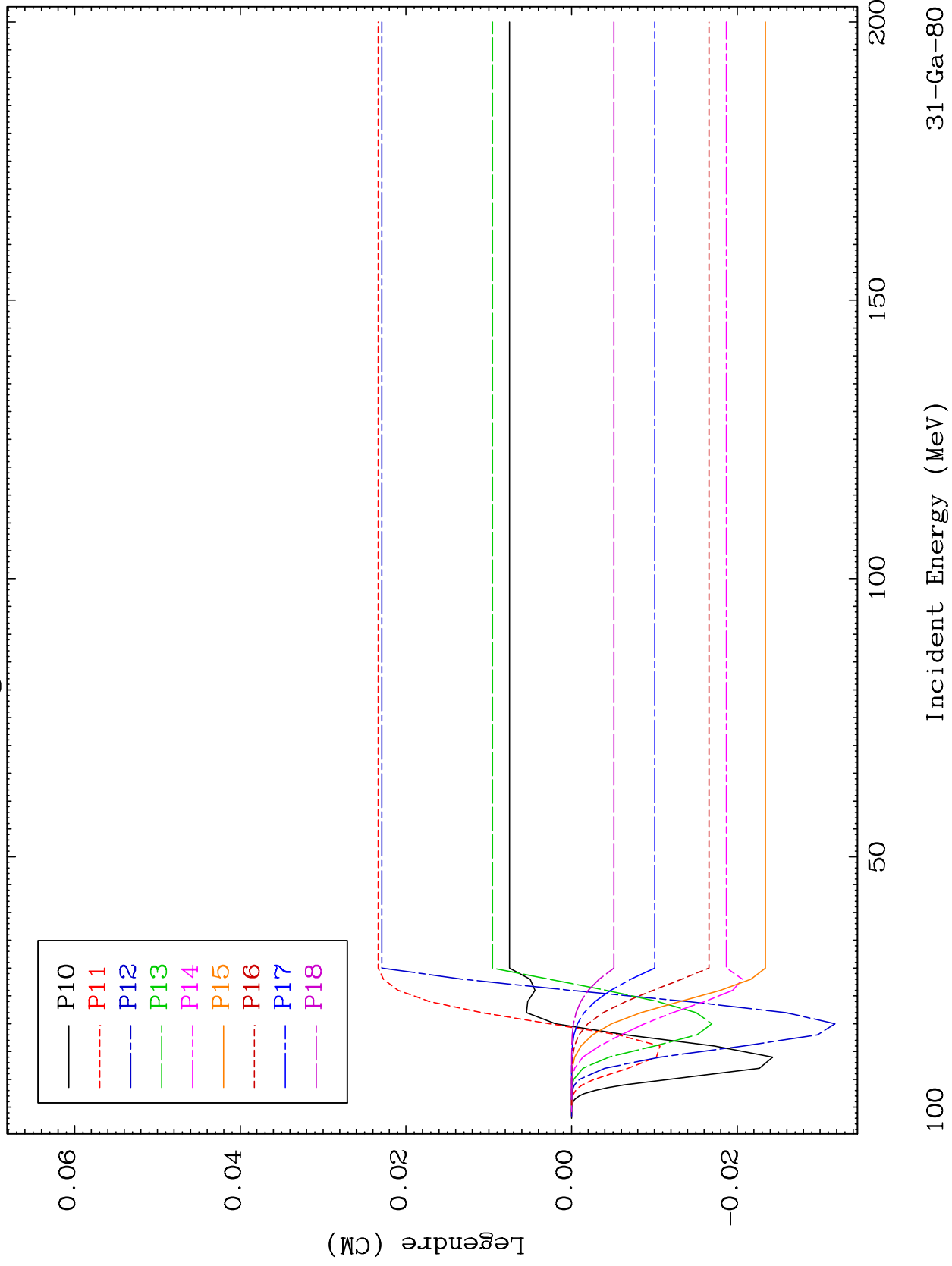
31-Ga-80



MAT 3158

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

31-Ga-80



100

Incident Energy (MeV)

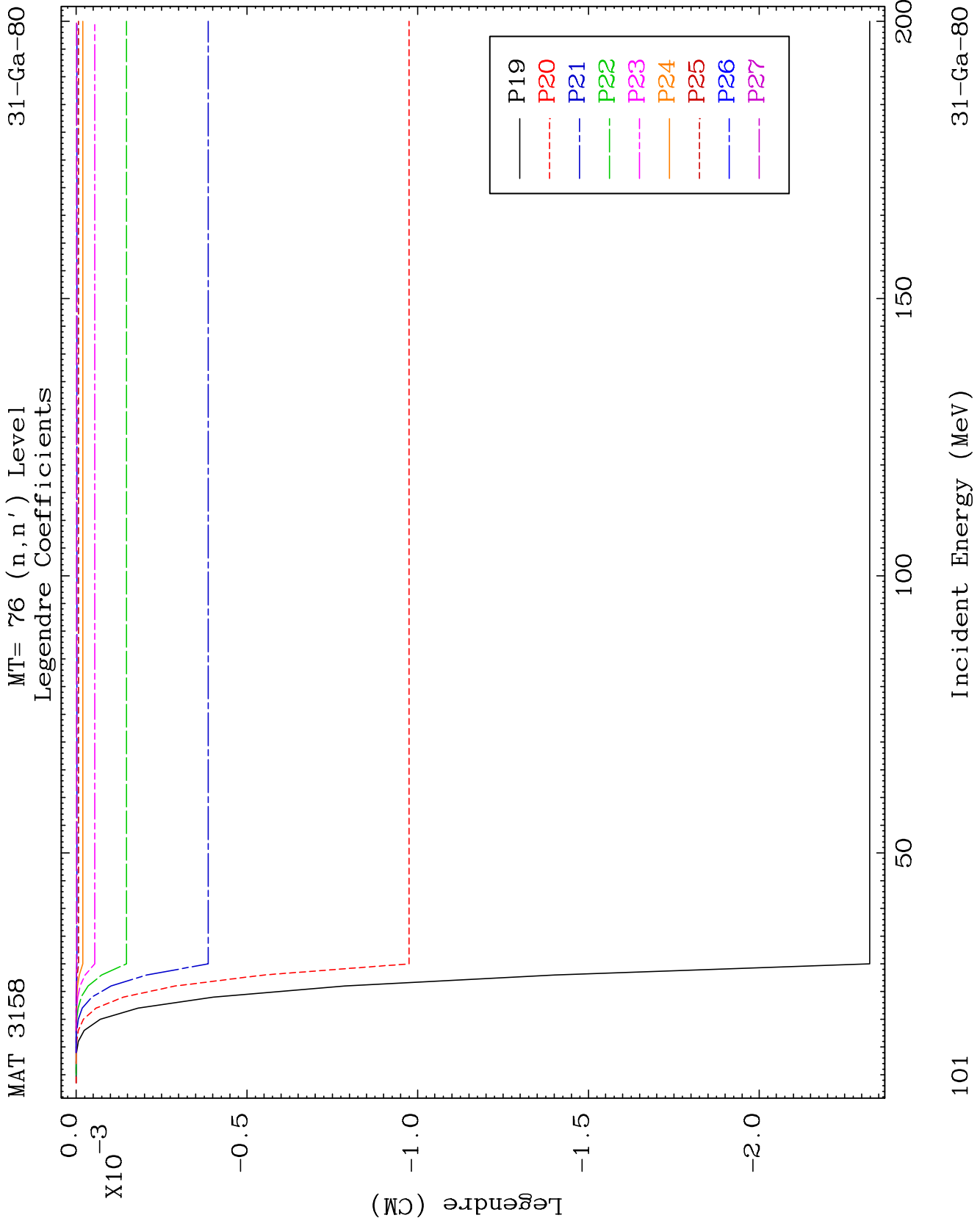
50

100

150

200

31-Ga-80

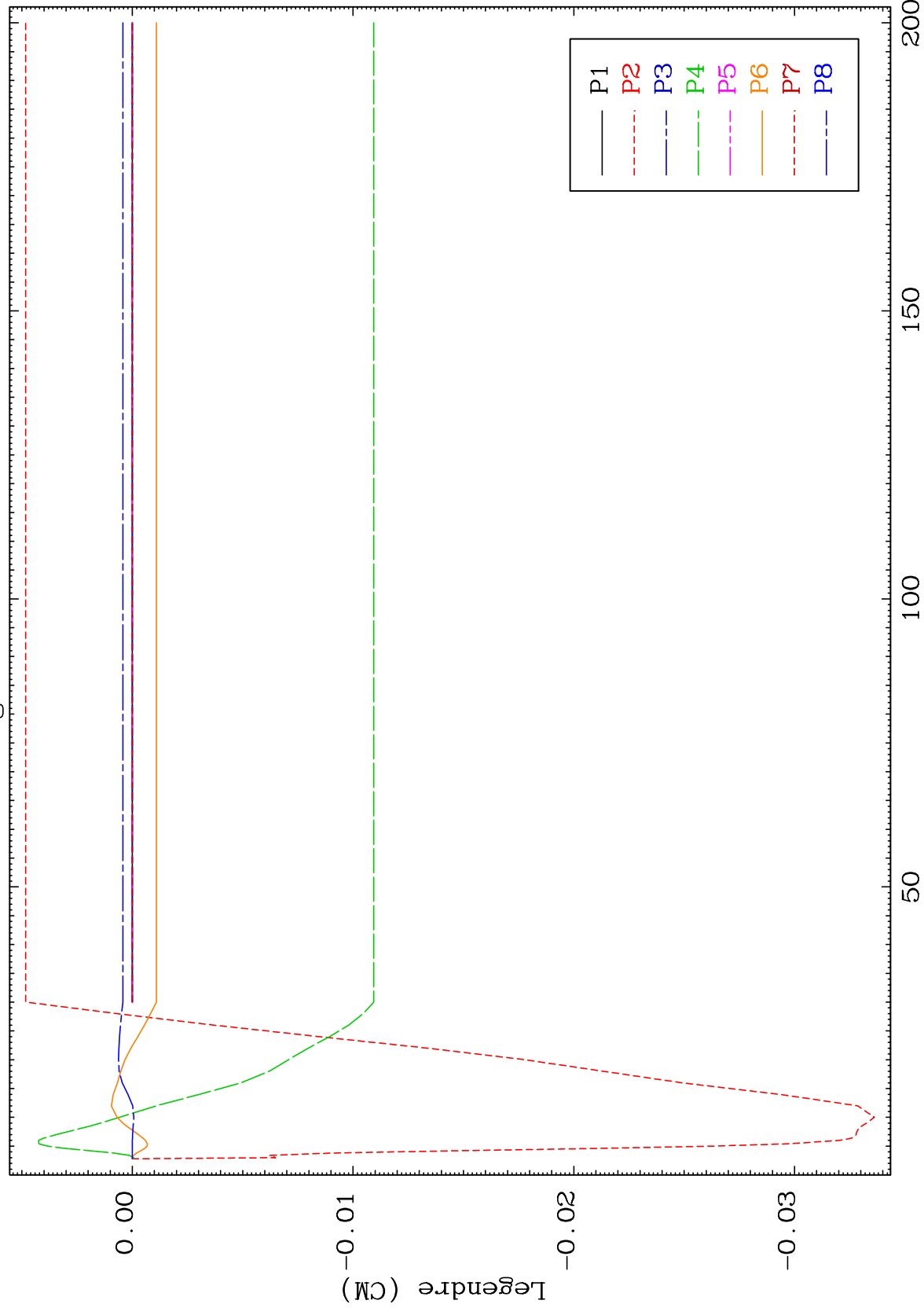




MAT 3158

MT= 77 (n,n') Level  
Legendre Coefficients

31-Ga-80



103

Incident Energy (MeV)

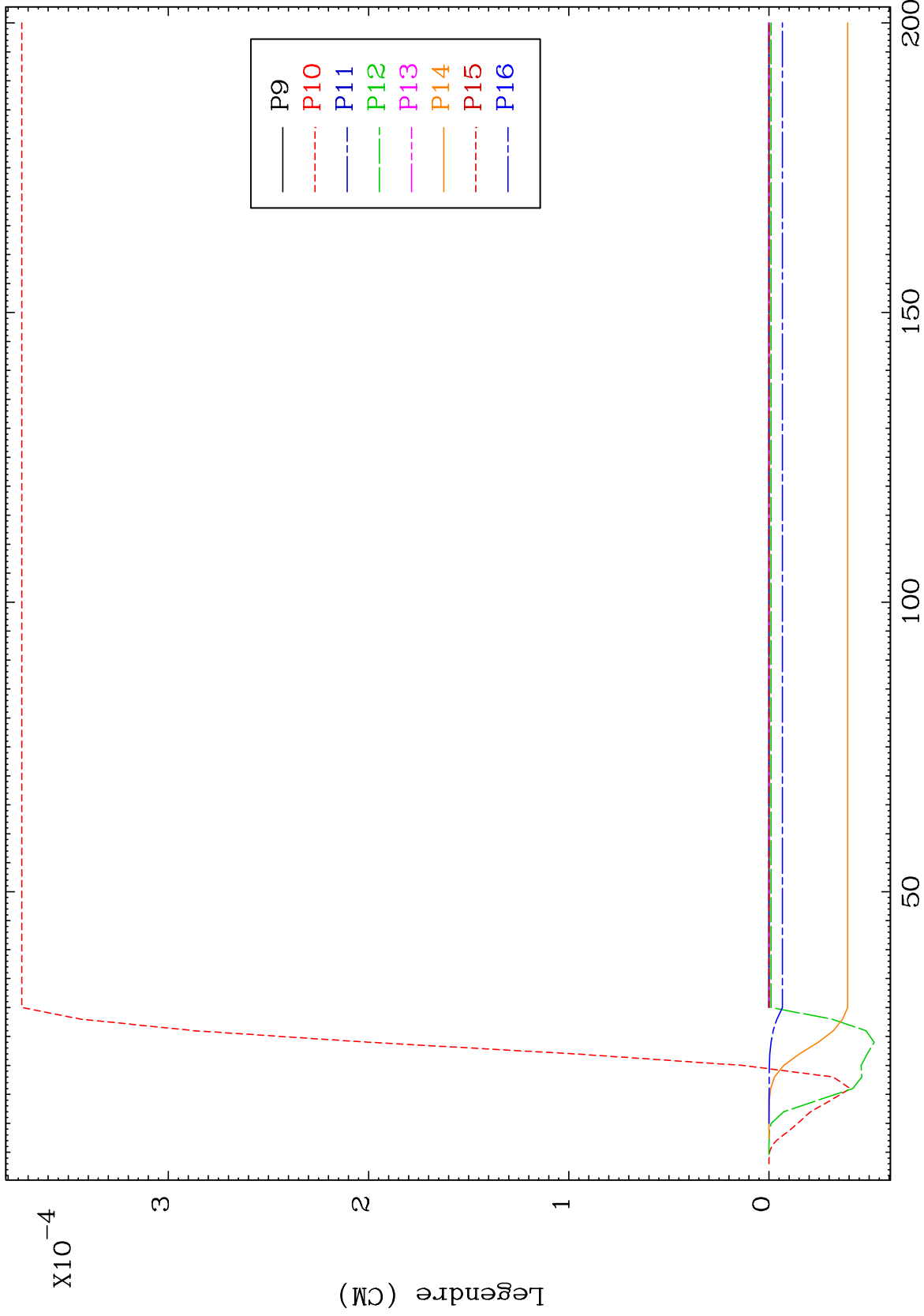
31-Ga-80



MAT 3158

MT= 77 (n,n') Level  
Legendre Coefficients

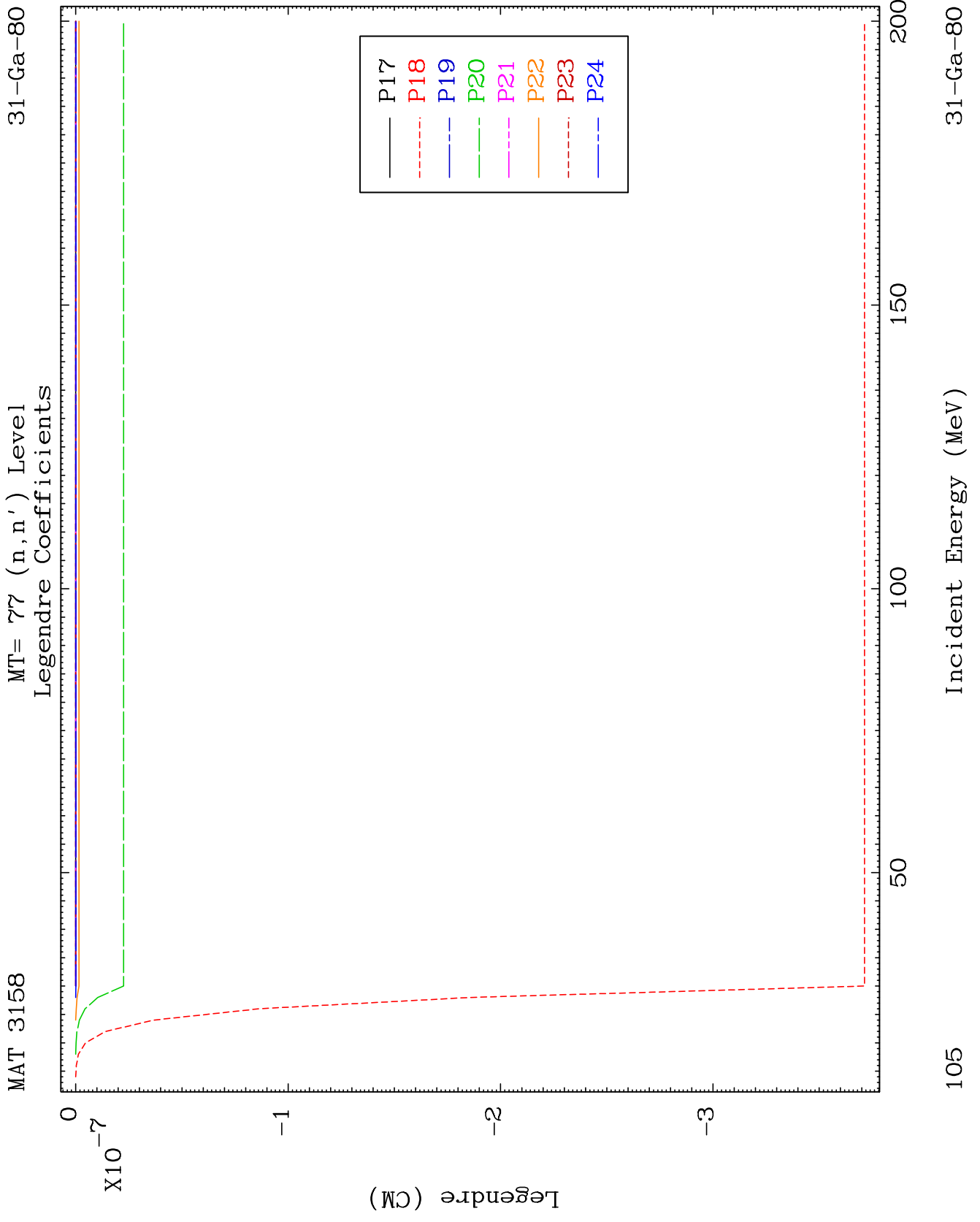
31-Ga-80

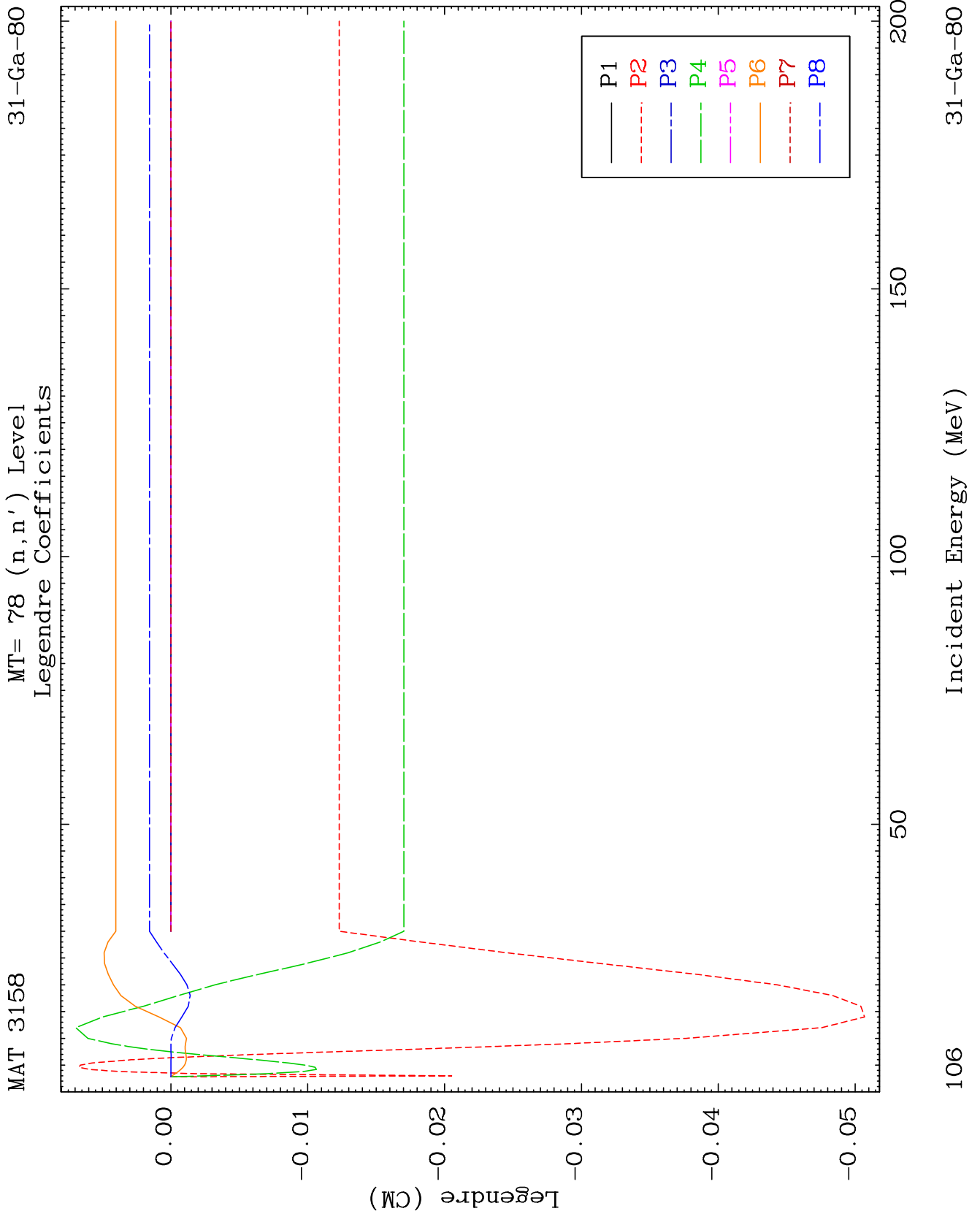


104

Incident Energy (MeV)

31-Ga-80

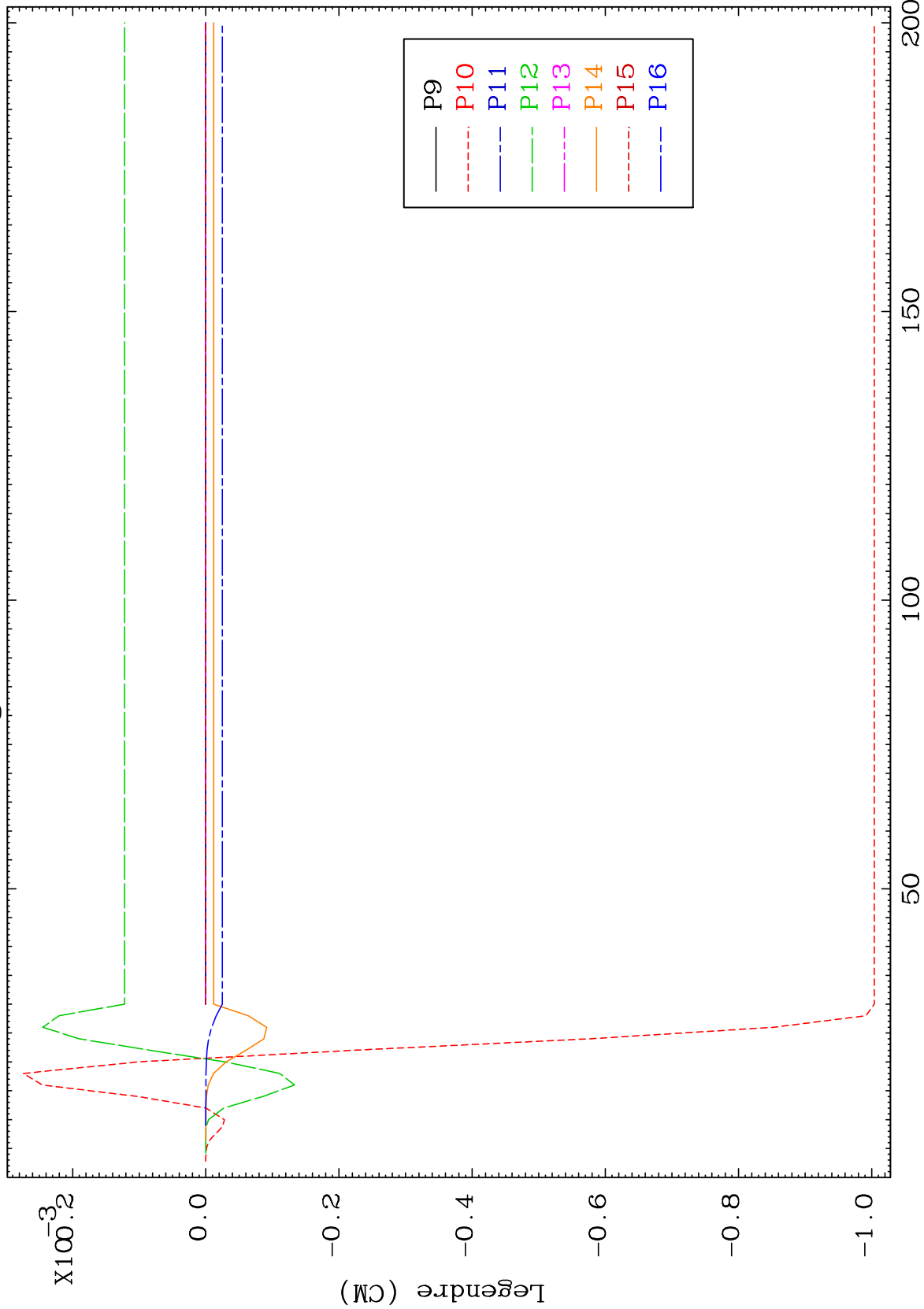




MAT 3158

MT= 78 (n,n') Level  
Legendre Coefficients

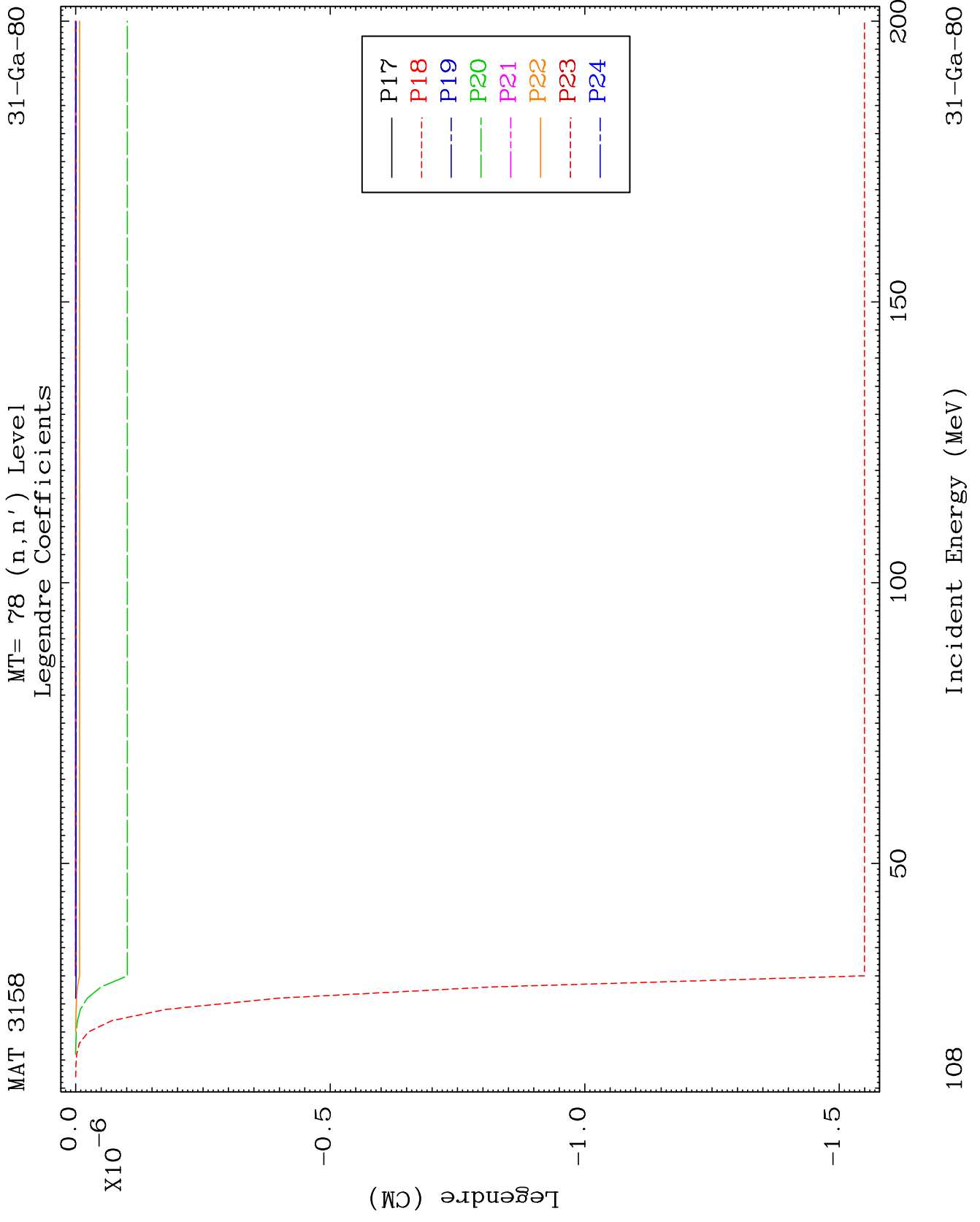
31-Ga-80

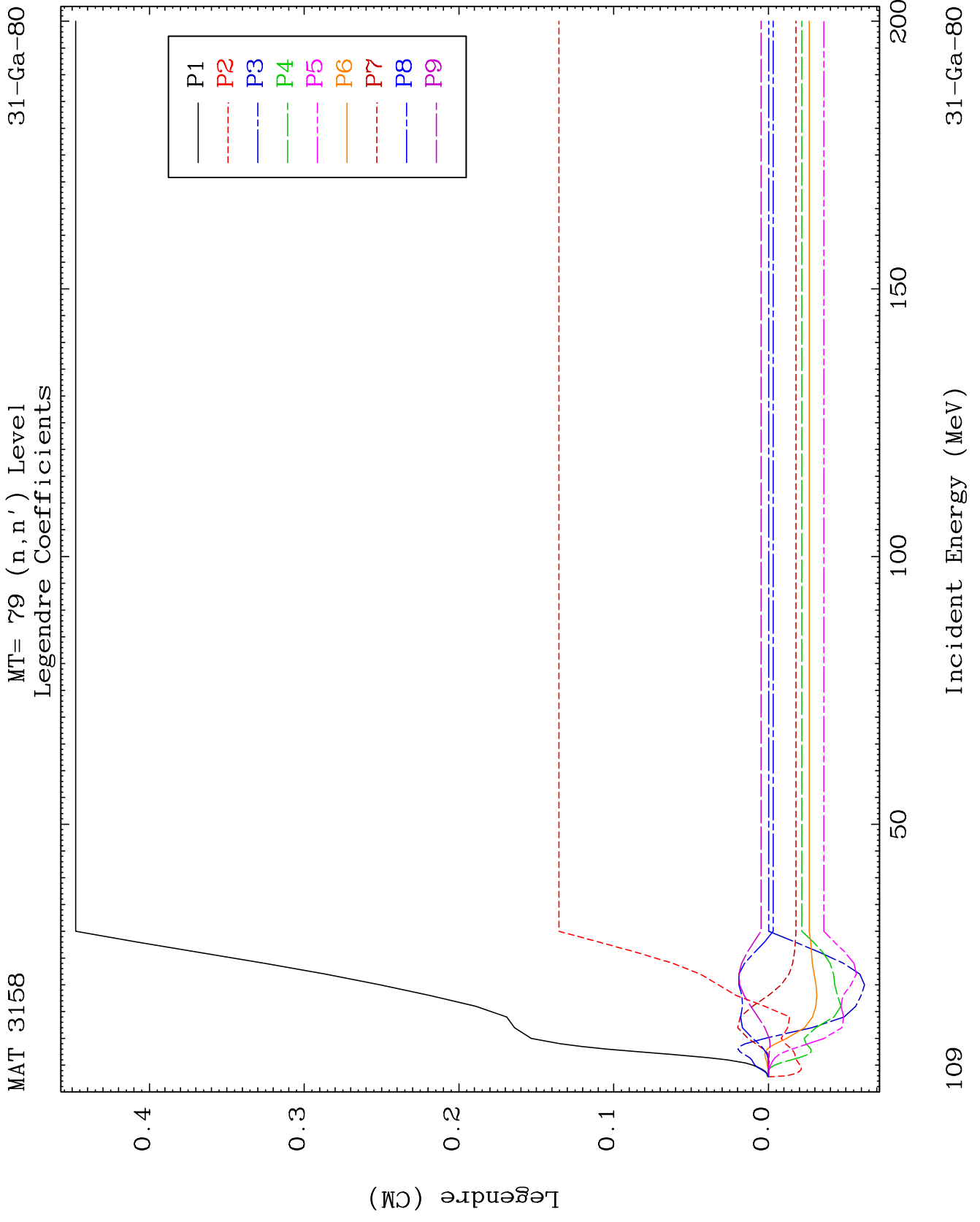


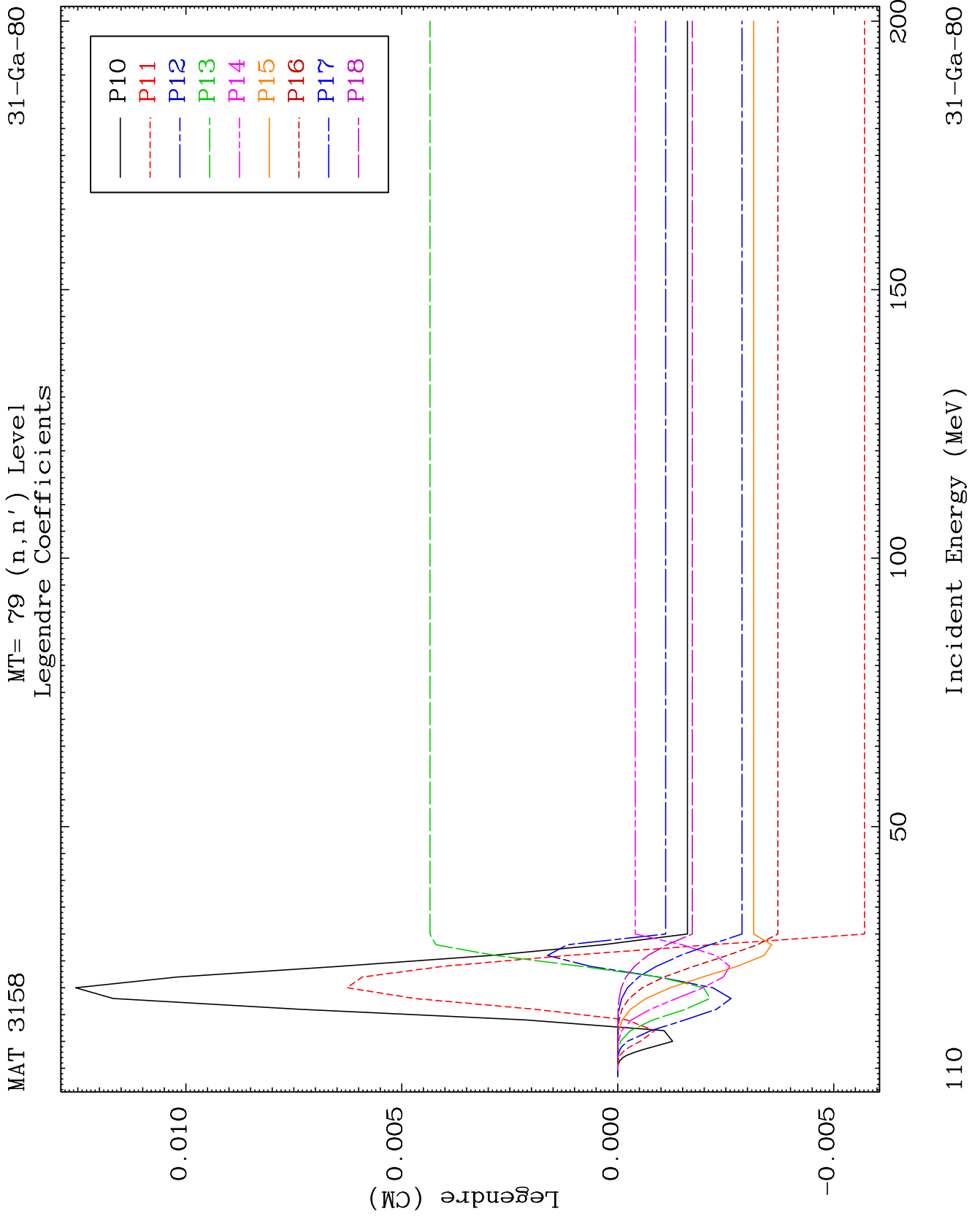
107

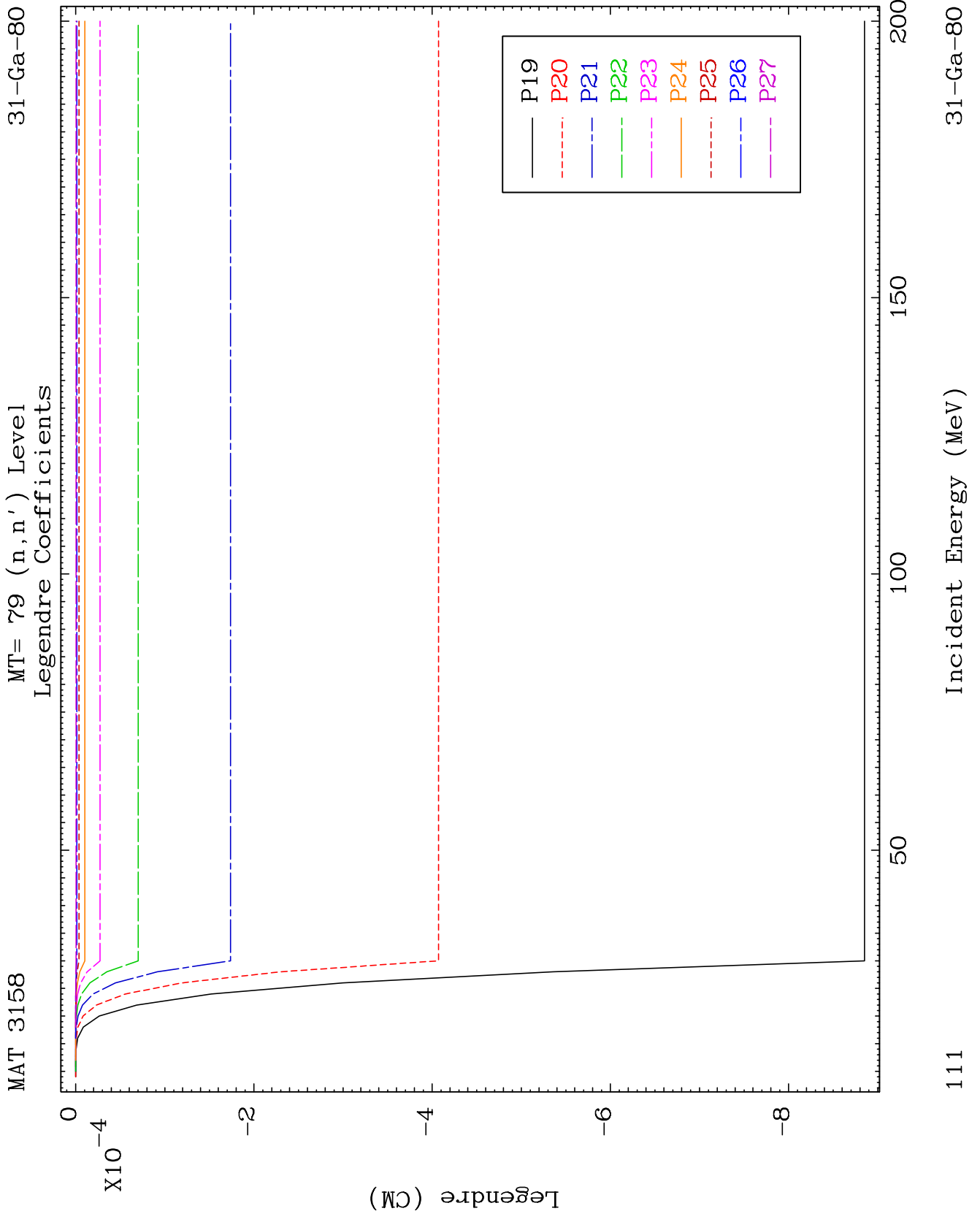
Incident Energy (MeV)

31-Ga-80

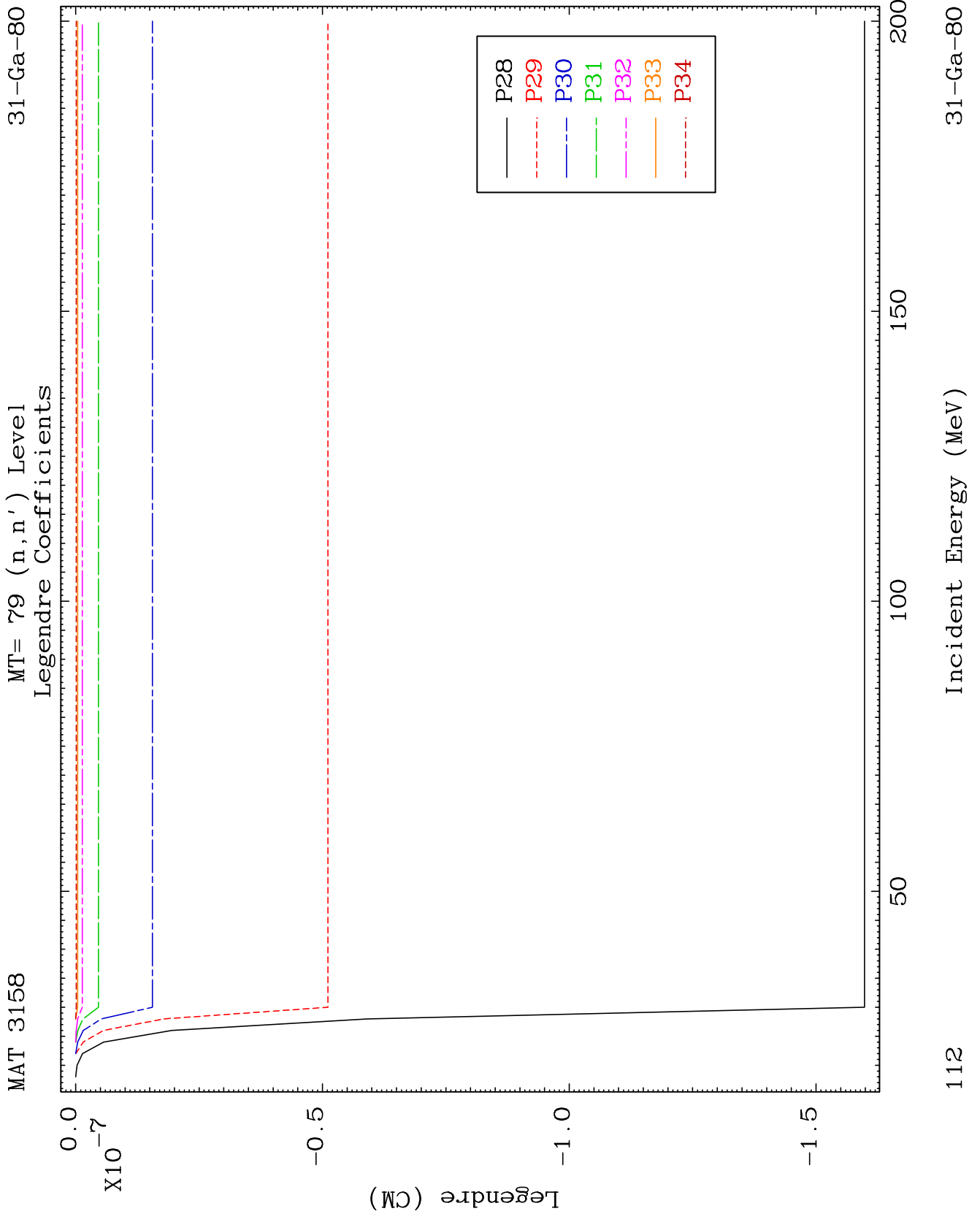


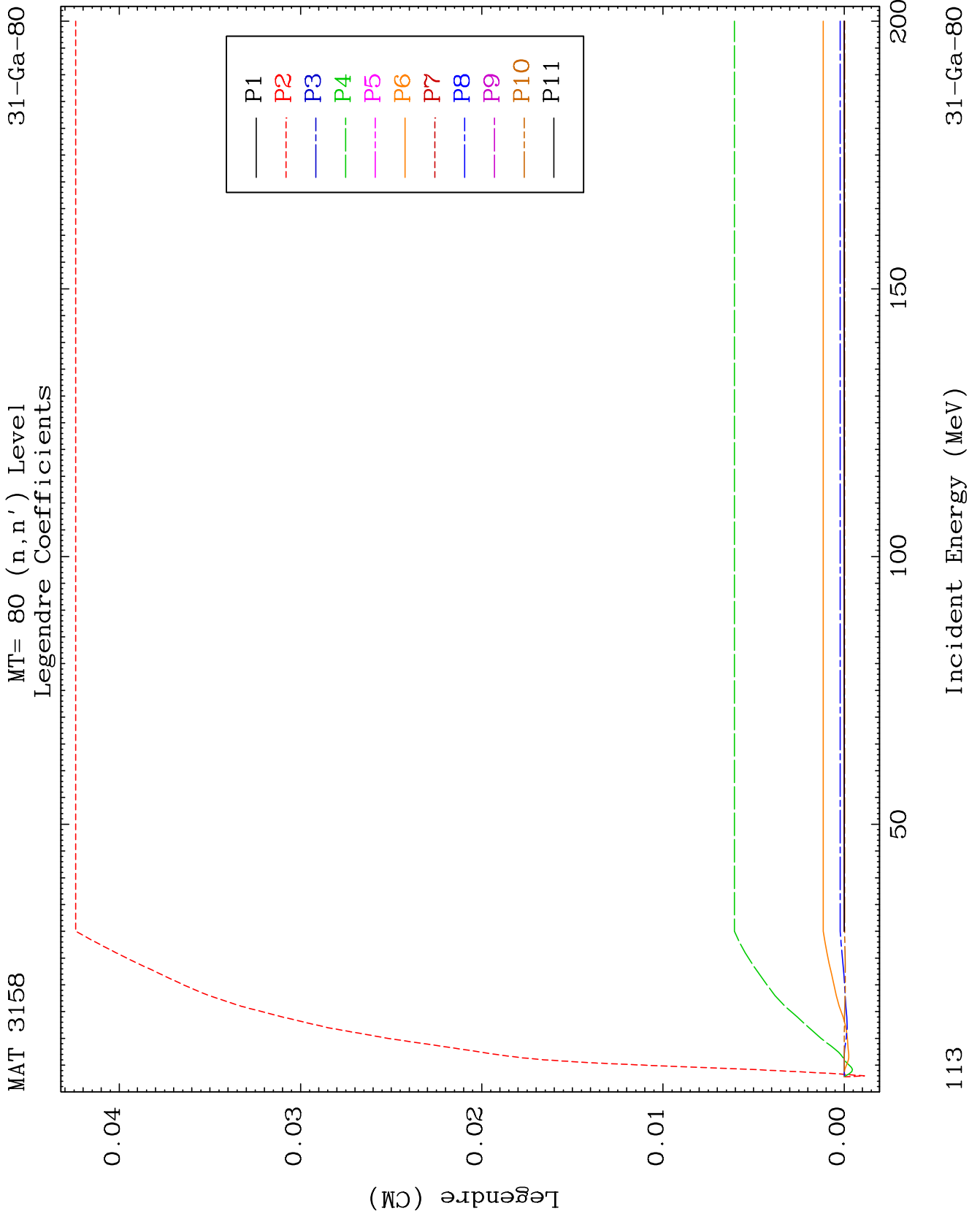


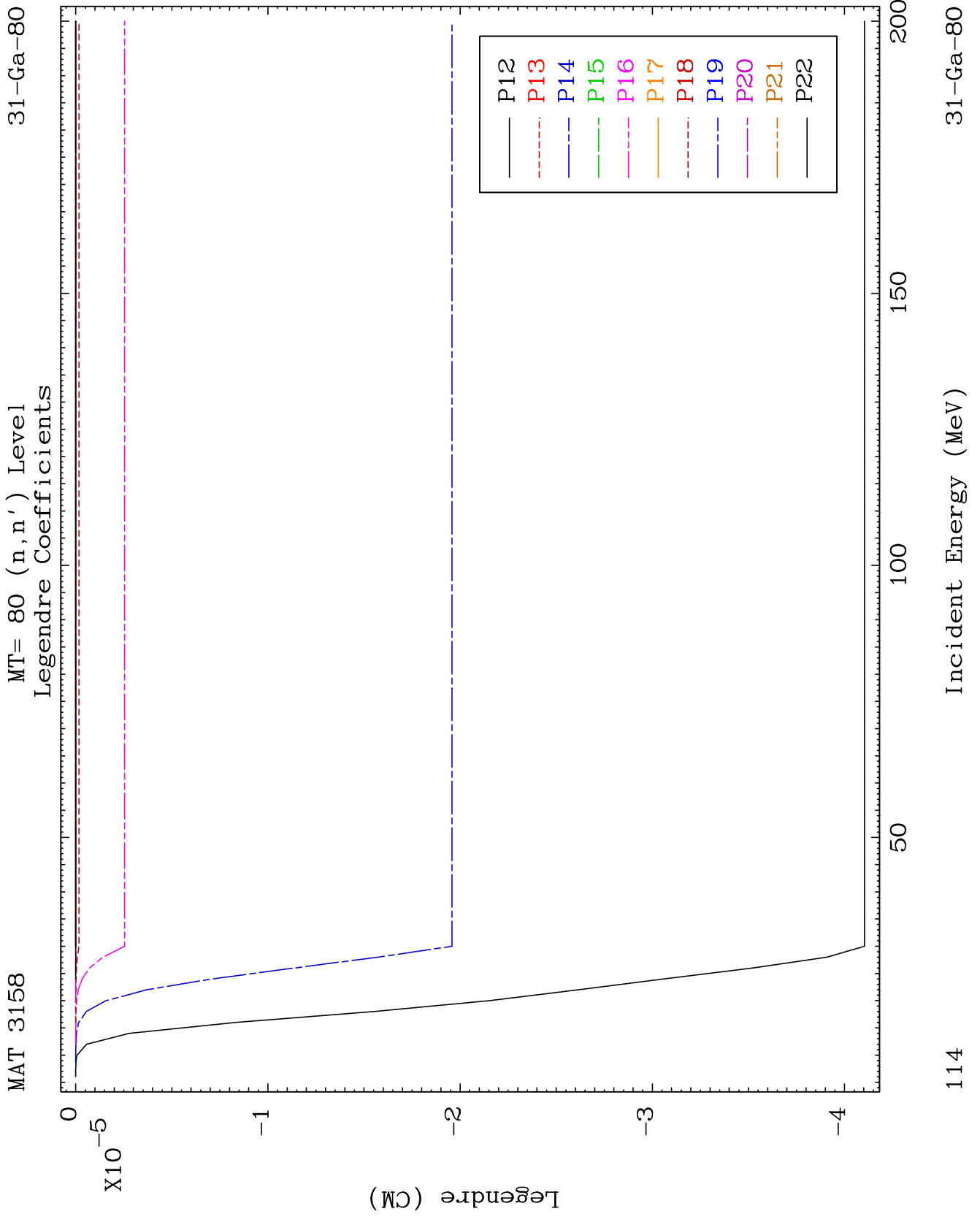










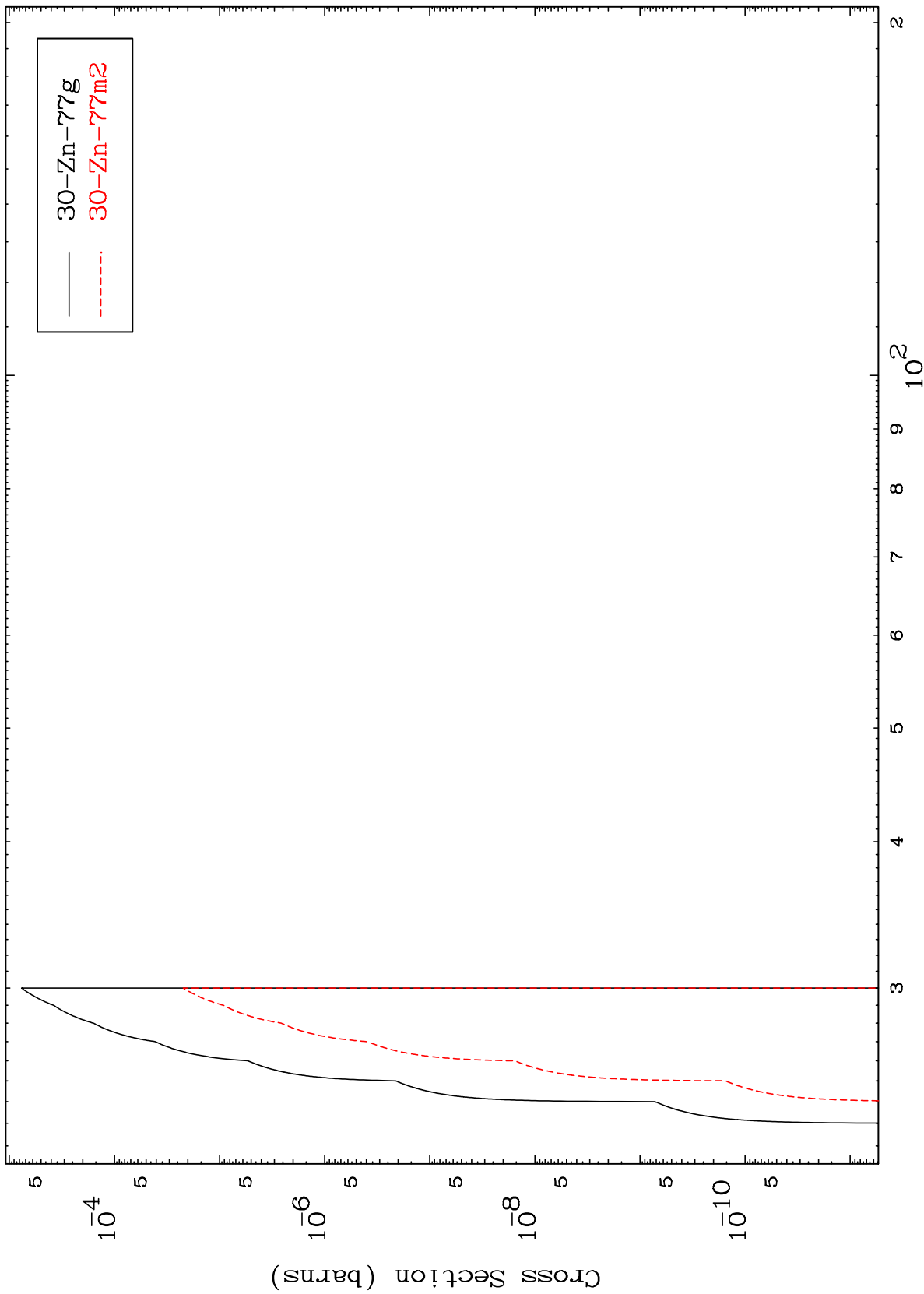


MAT 3158

(n,2n) d

31-Ga-80

Radionuclide Production Cross Section

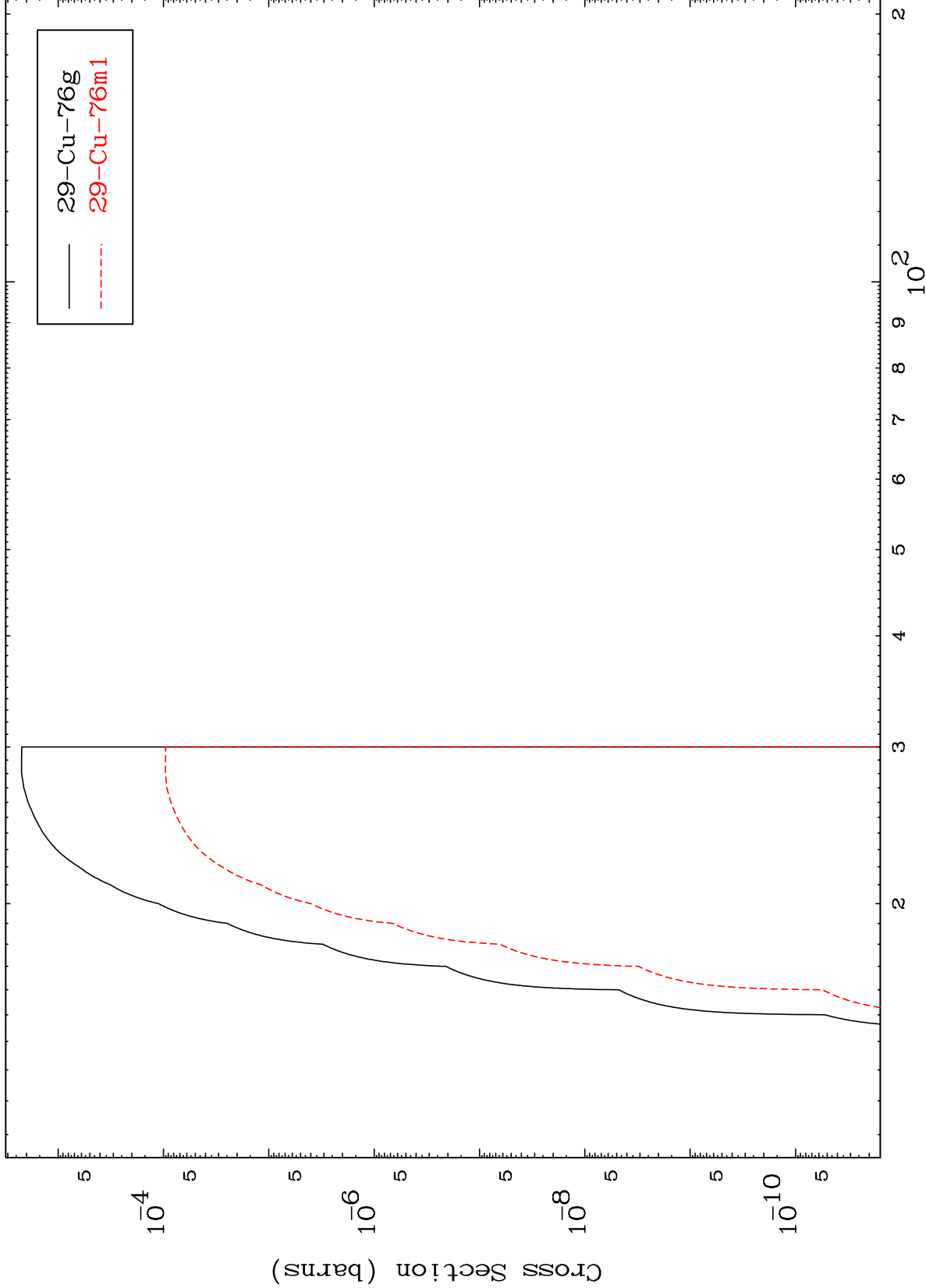


115

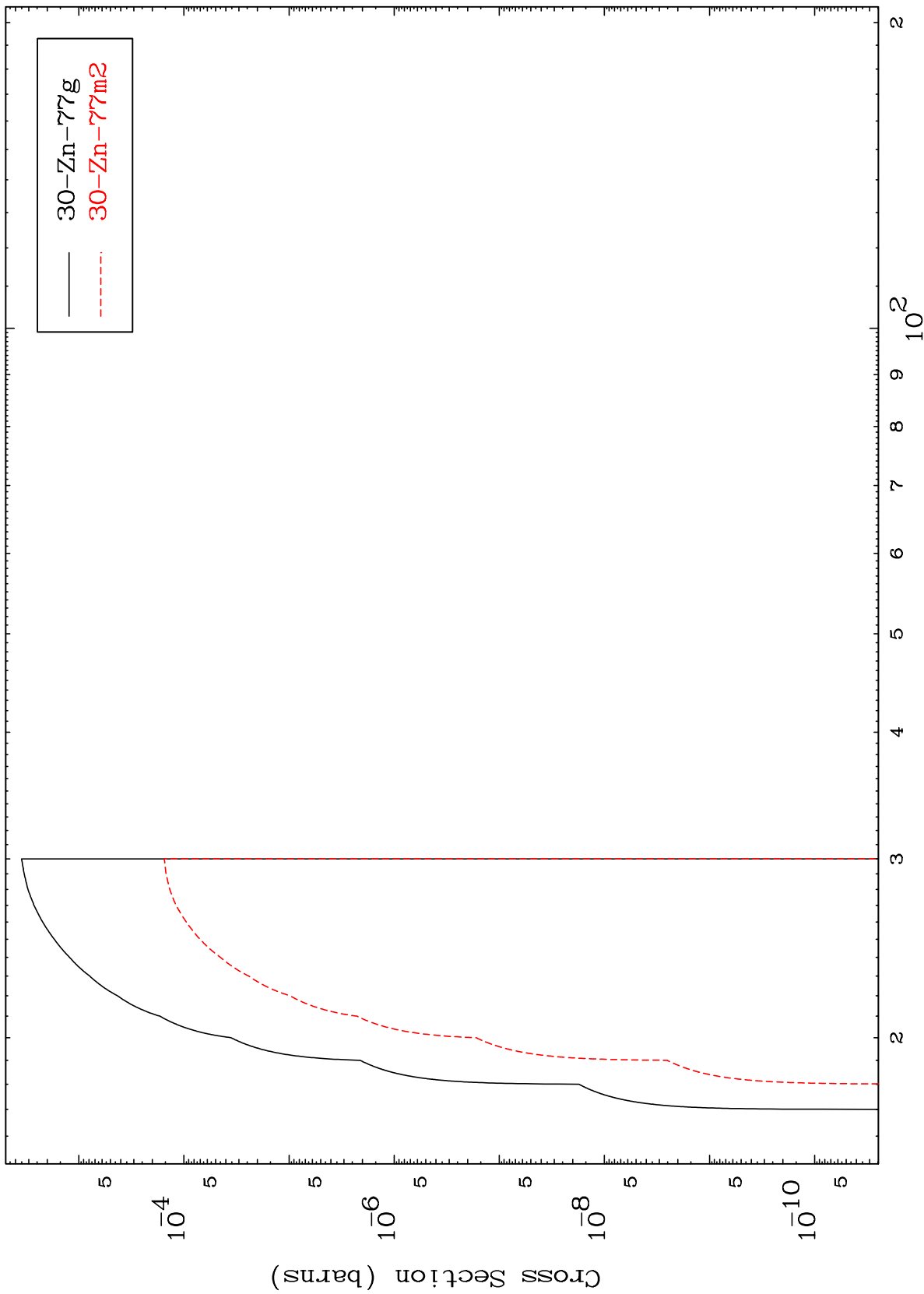
Incident Energy (MeV)

31-Ga-80

Radionuclide Production Cross Section



Radionuclide Production Cross Section



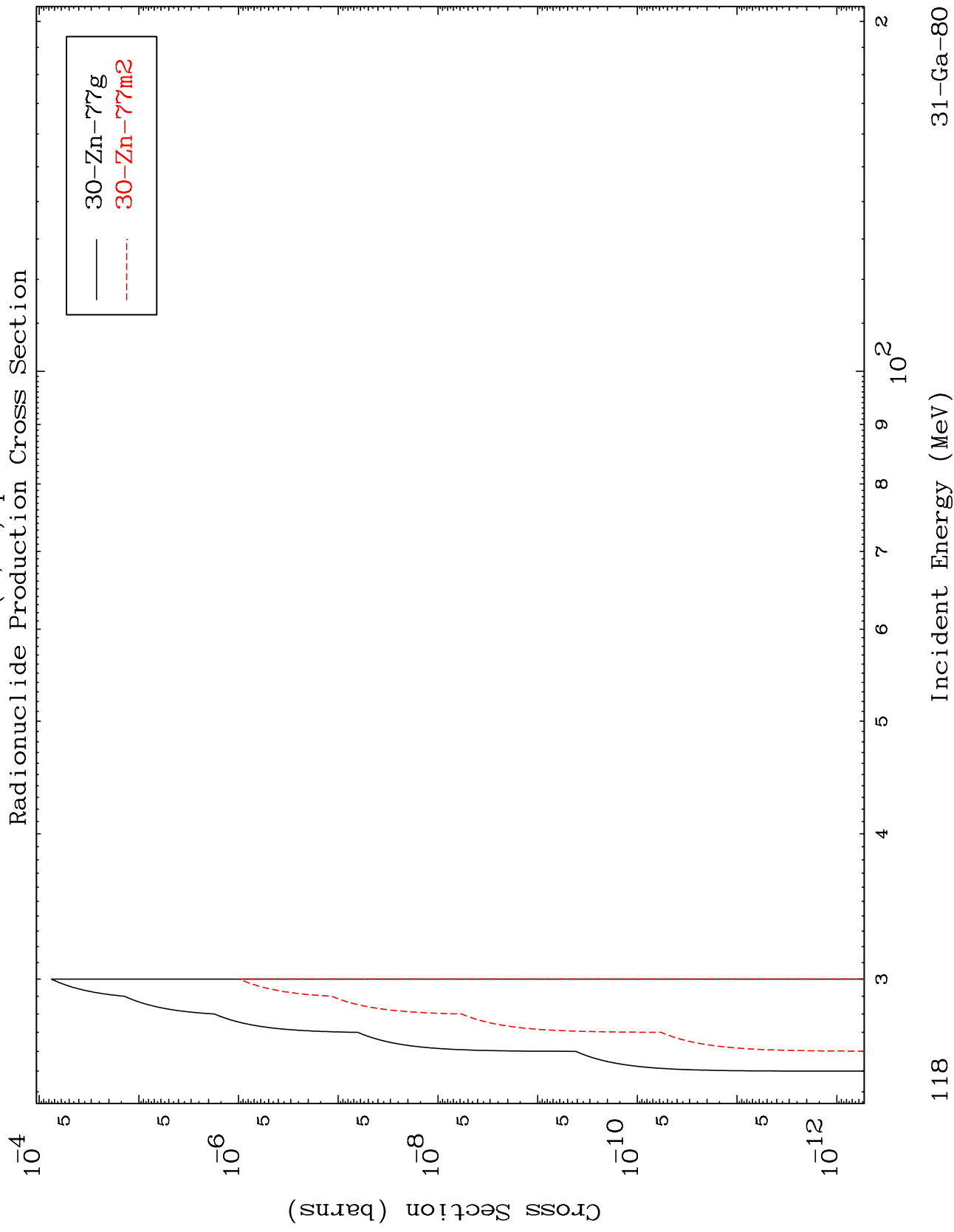
30-Zn-77g  
30-Zn-77m2

MAT 3158

(n,3n) p

31-Ga-80

Radionuclide Production Cross Section



118

Incident Energy (MeV)

31-Ga-80