

Program EVALPLOT  
(Version 2015-2)

by

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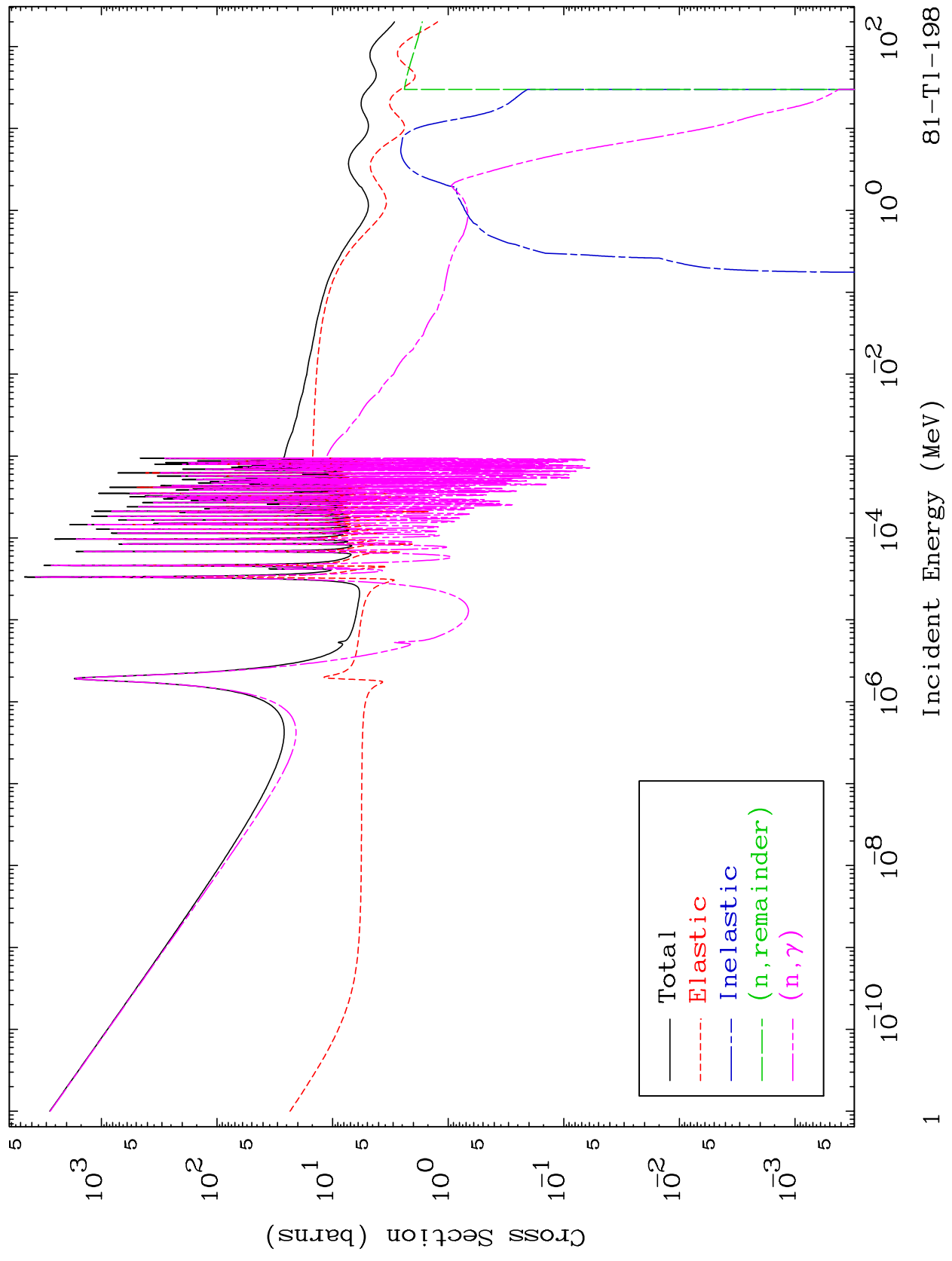
Press Mouse Button to Start

MAT 8110

Major

293 Kelvin Cross Sections

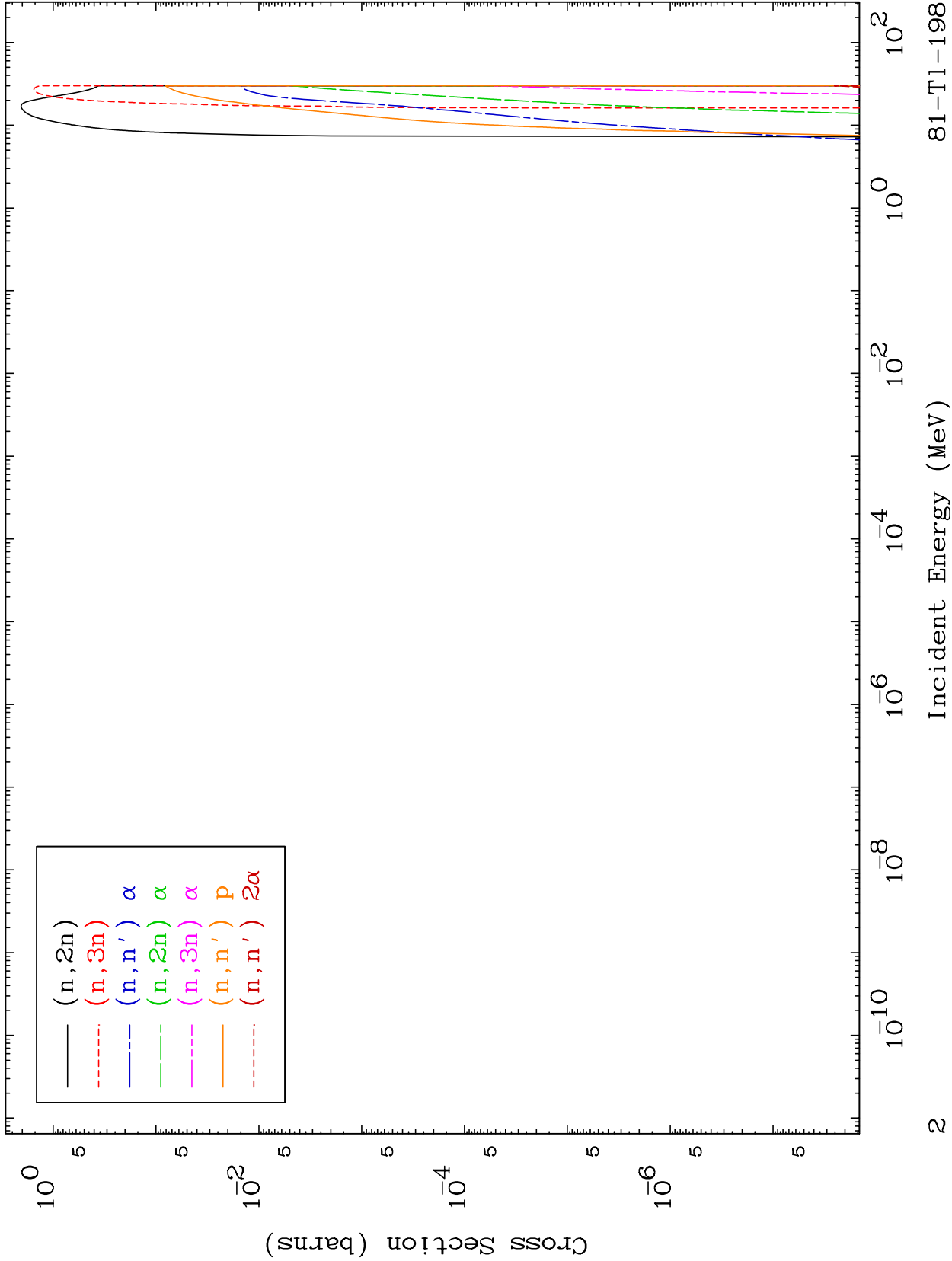
81-Tl-198

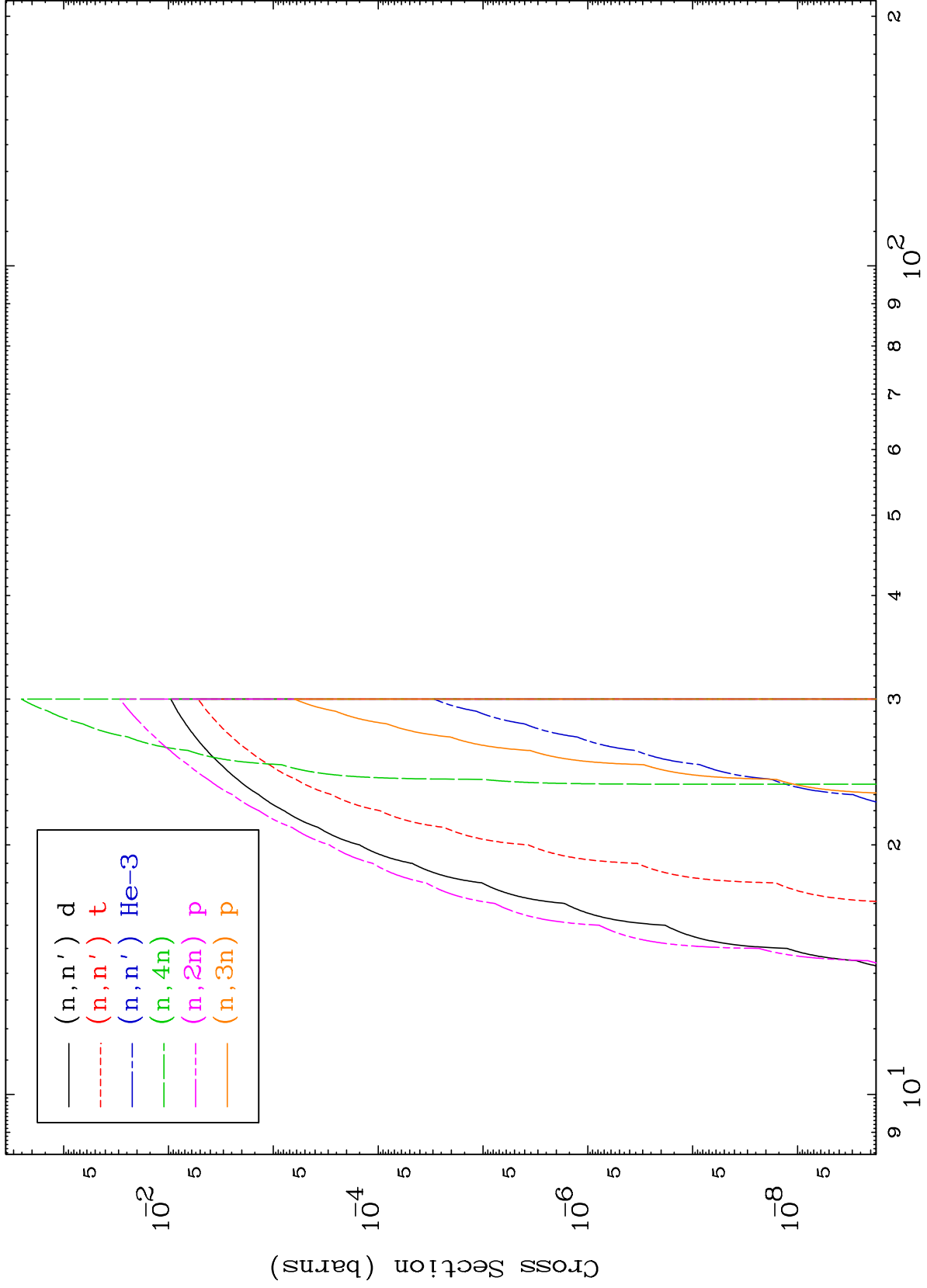


MAT 8110

Neutron Production  
293 Kelvin Cross Sections

81-Tl-198

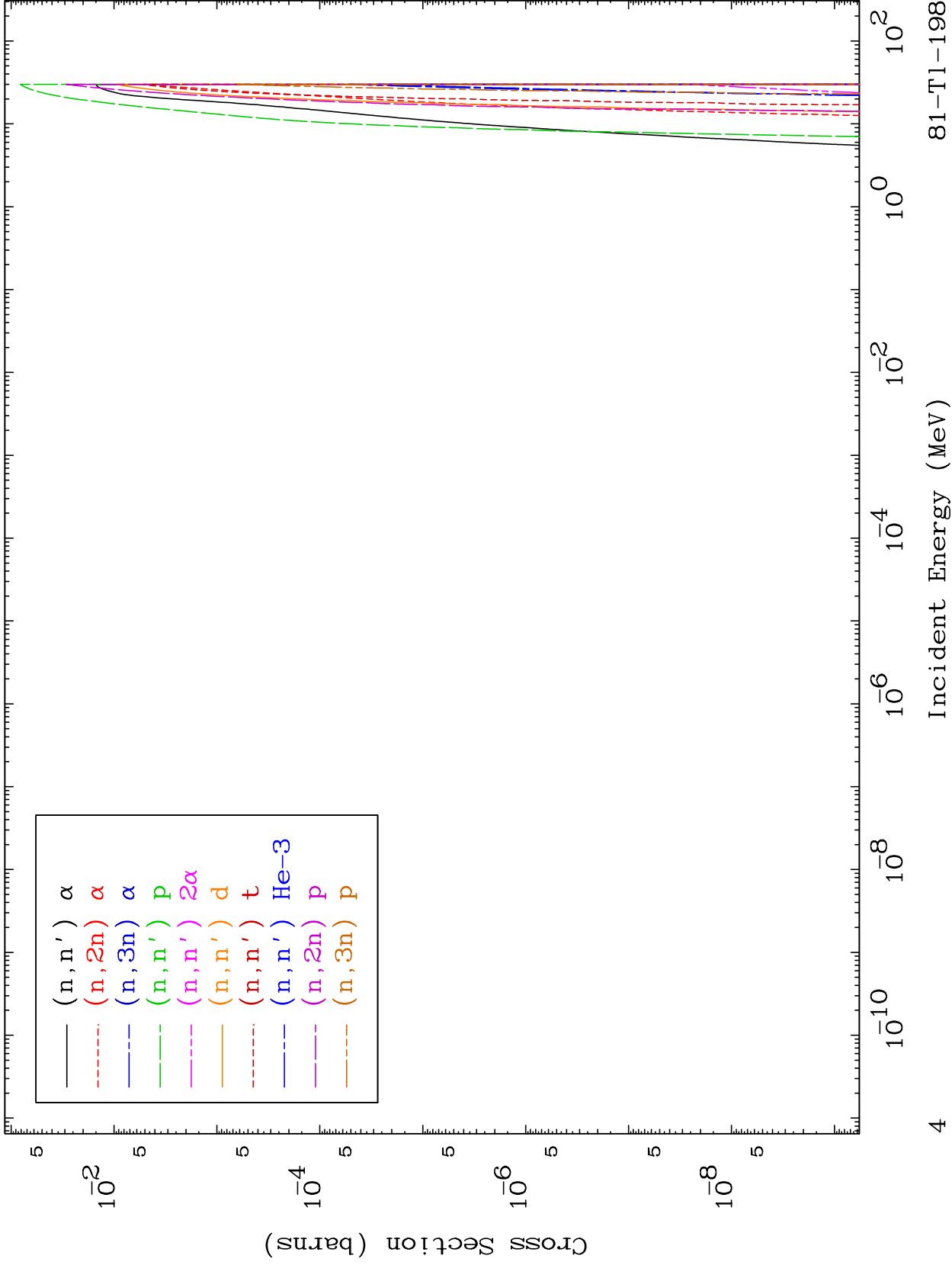




MAT 8110

Charged Particle  
293 Kelvin Cross Sections

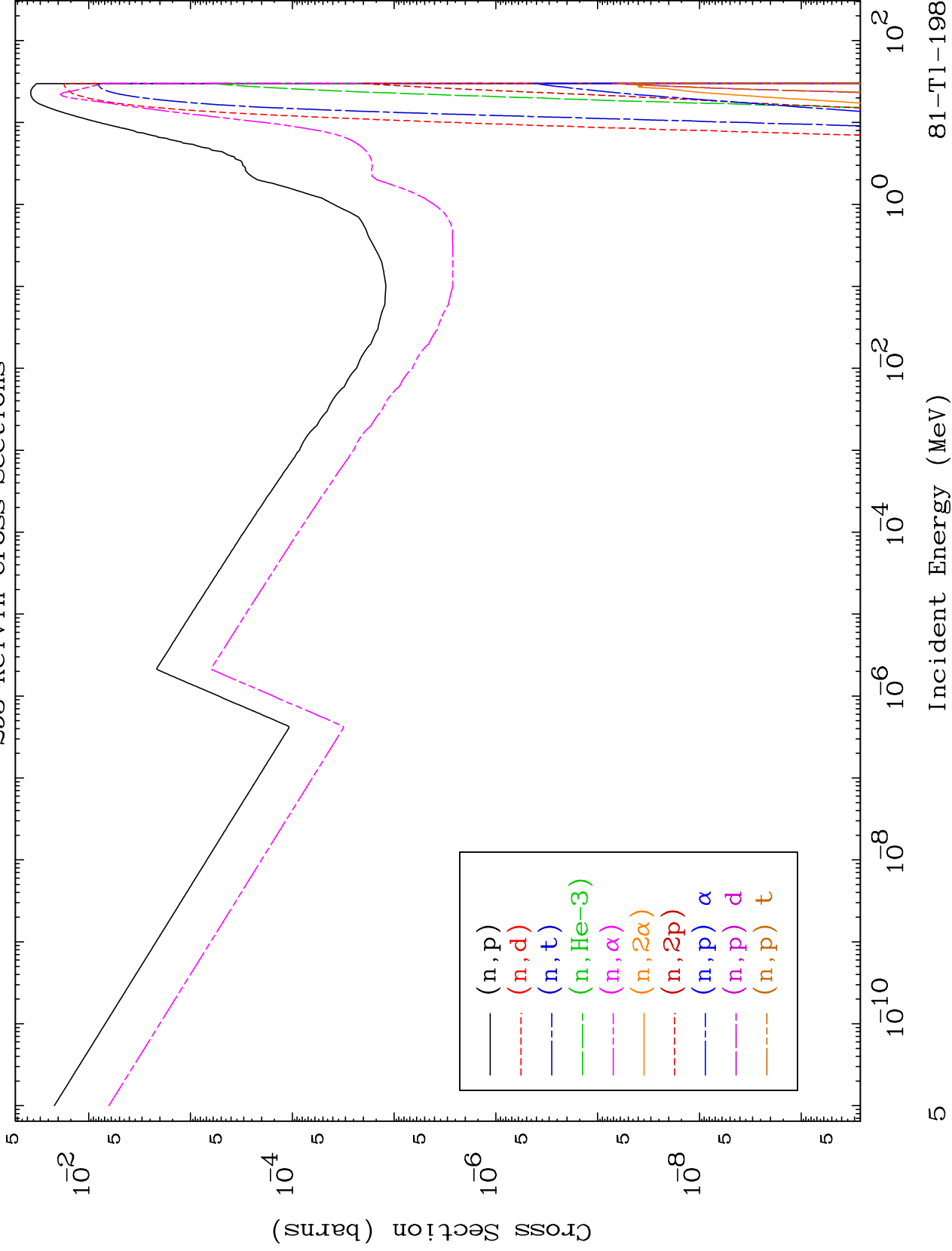
81-Tl-198

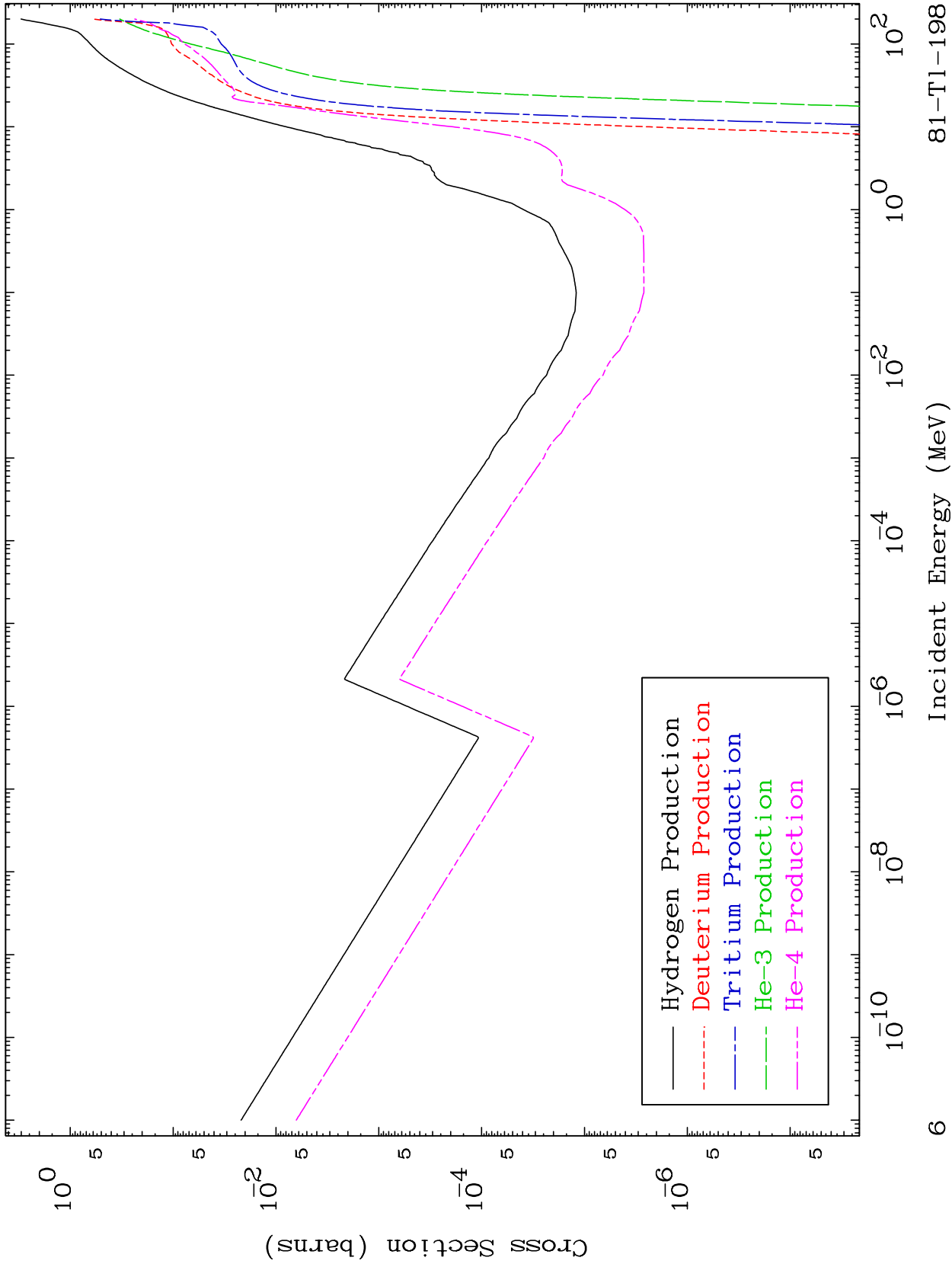


MAT 8110

Charged Particle  
293 Kelvin Cross Sections

81-Tl-198

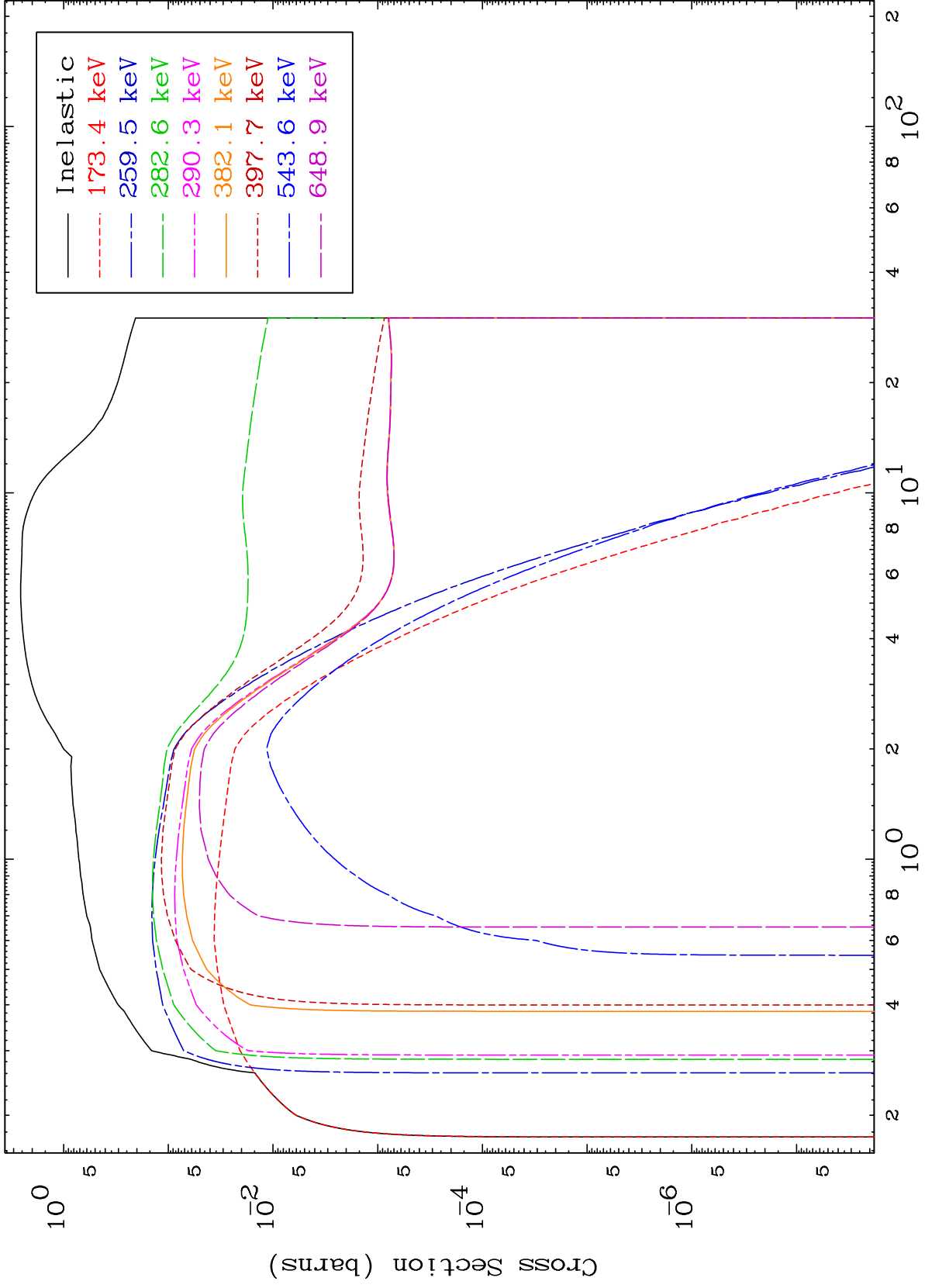




MAT 8110

(n,n') Level  
293 Kelvin Cross Sections

81-Tl-198



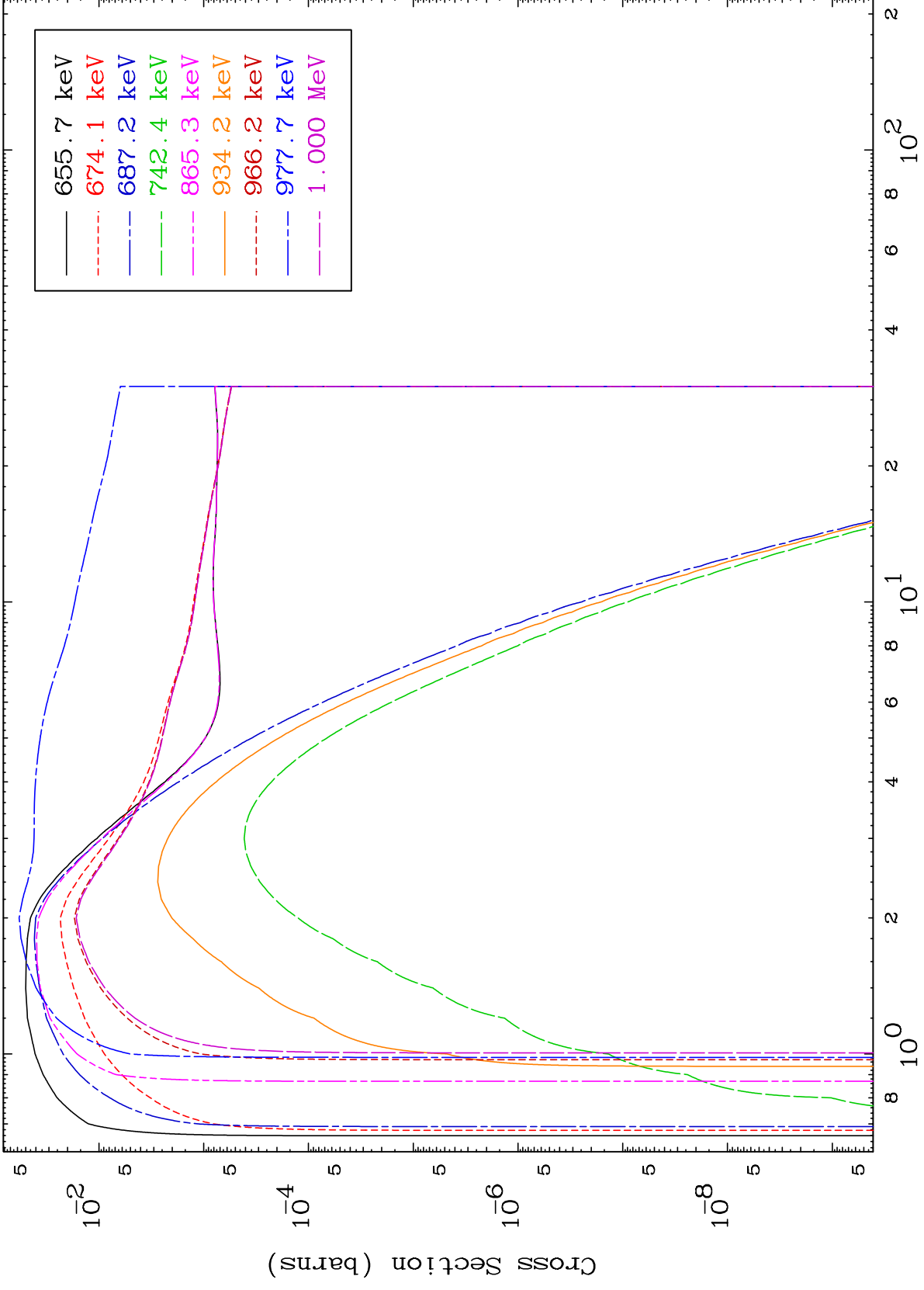


MAT 8110

(n,n') Level

81-Tl-198

293 Kelvin Cross Sections



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Incident Energy (MeV)

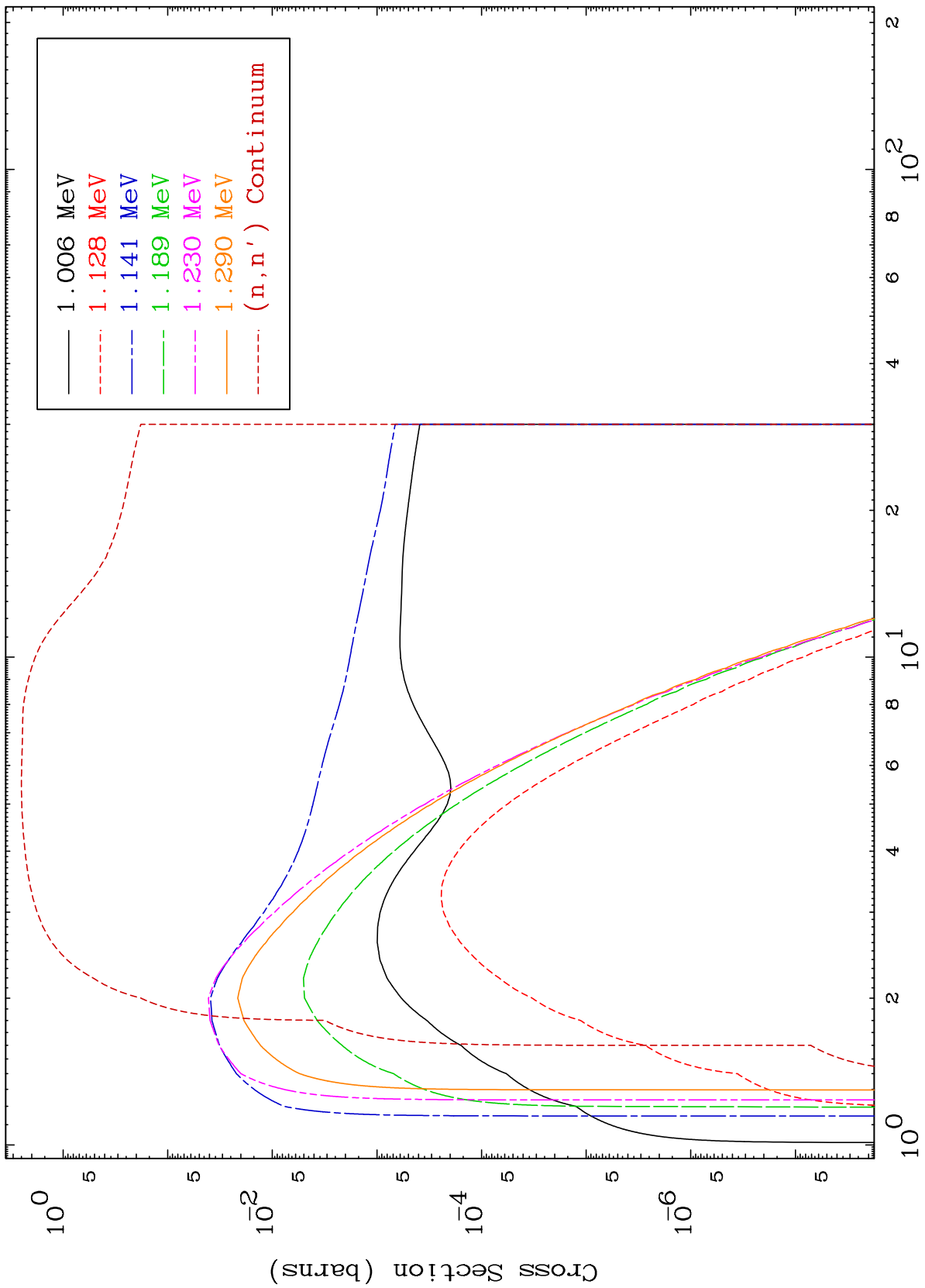
81-Tl-198

MAT 8110

(n,n') Level

81-Tl-198

293 Kelvin Cross Sections



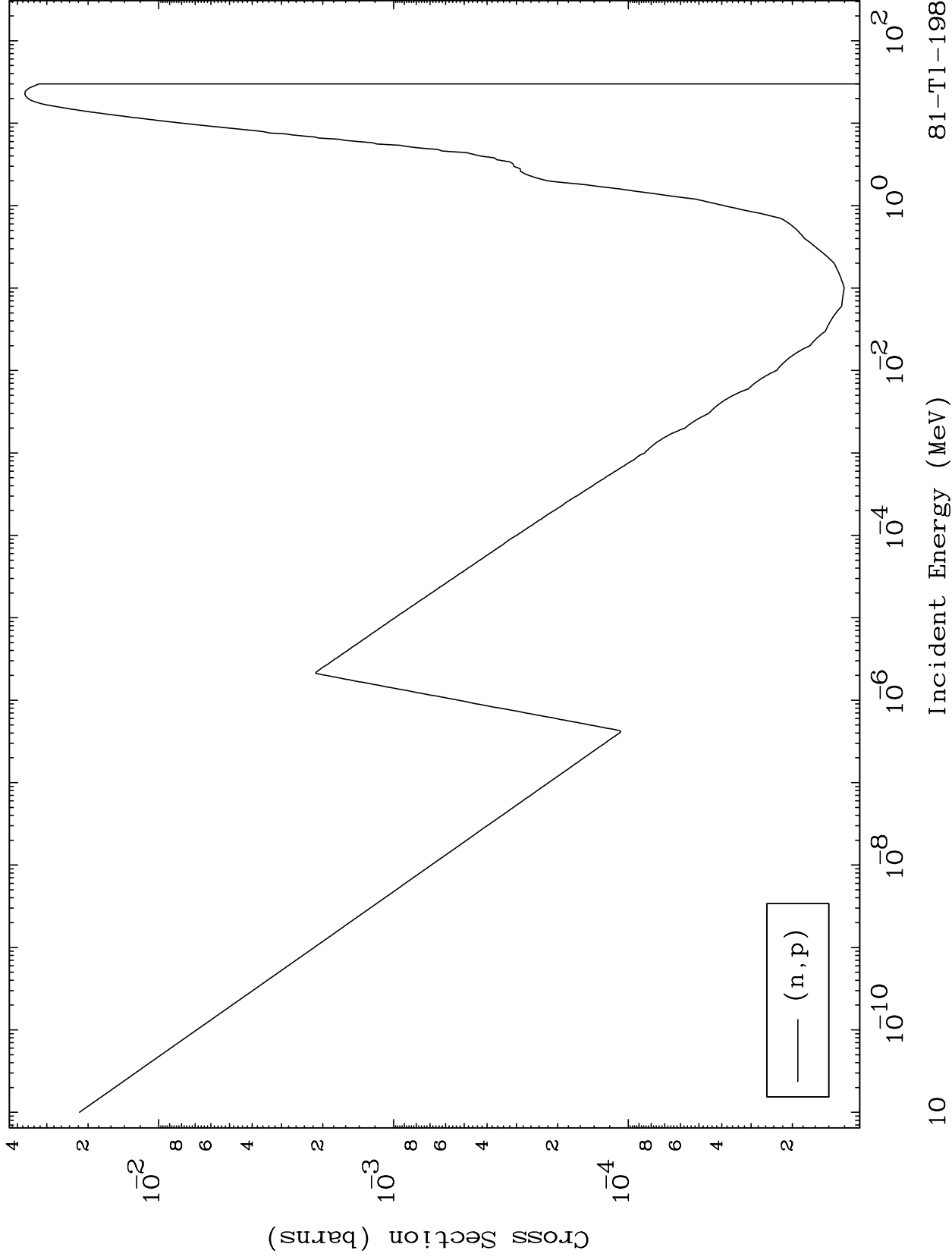
Incident Energy (MeV)

81-Tl-198

MAT 8110

(n,p) Levels  
293 Kelvin Cross Sections

81-Tl-198



10

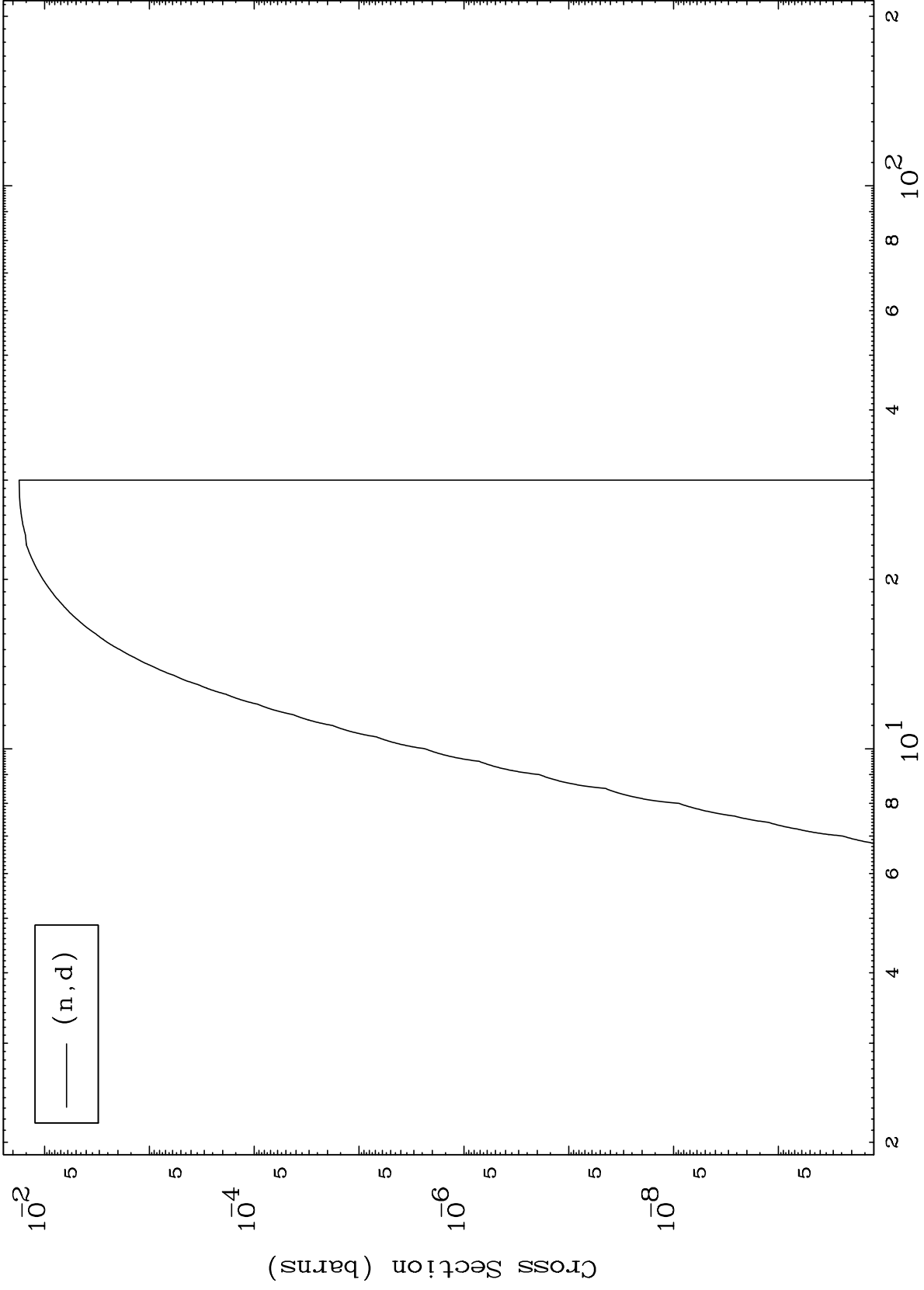
Incident Energy (MeV)

81-Tl-198

MAT 8110

(n,d) Levels  
293 Kelvin Cross Sections

81-Tl-198



11

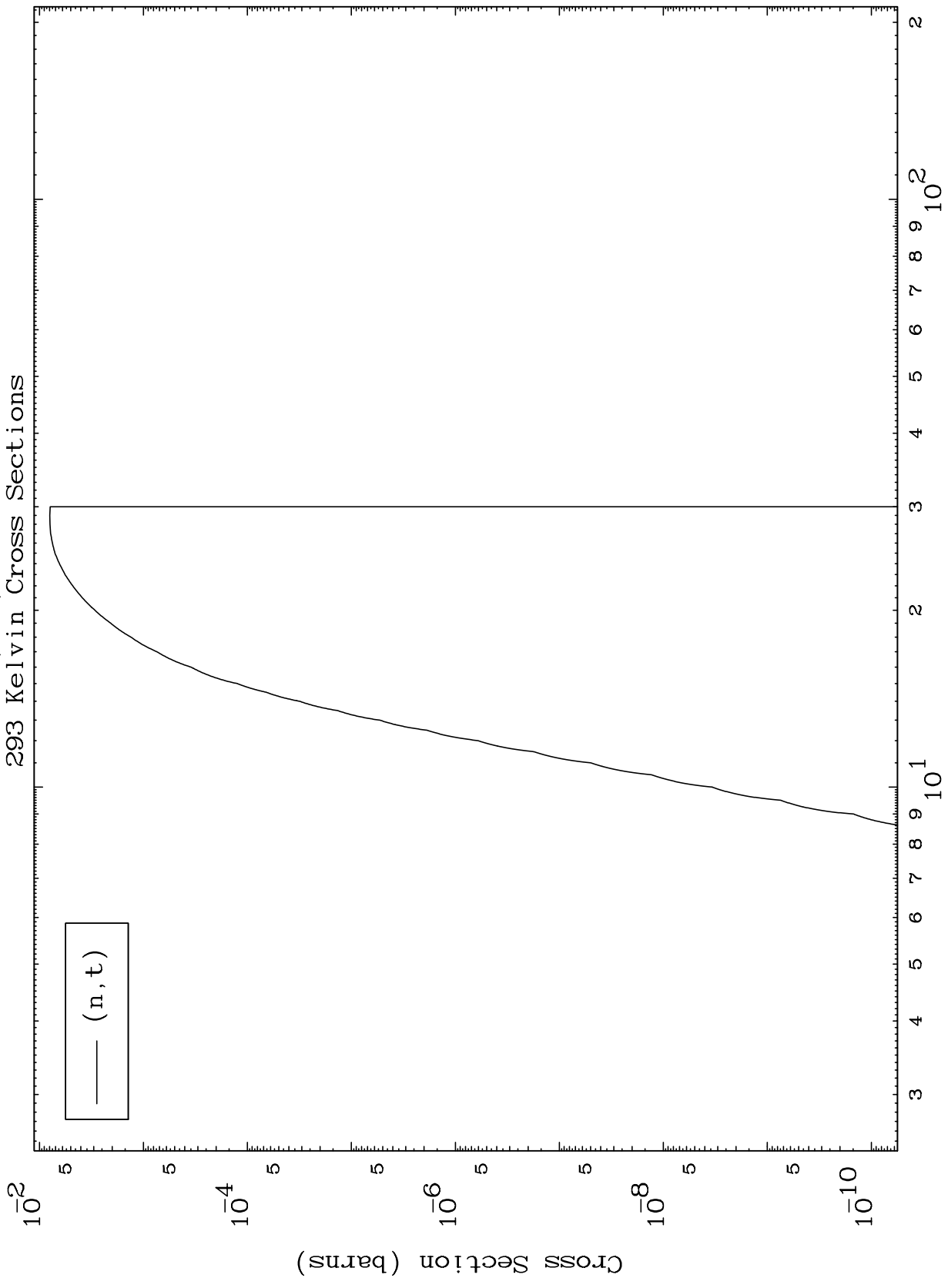
Incident Energy (MeV)

81-Tl-198

MAT 8110

(n,t) Levels  
293 Kelvin Cross Sections

81-T1-198



12

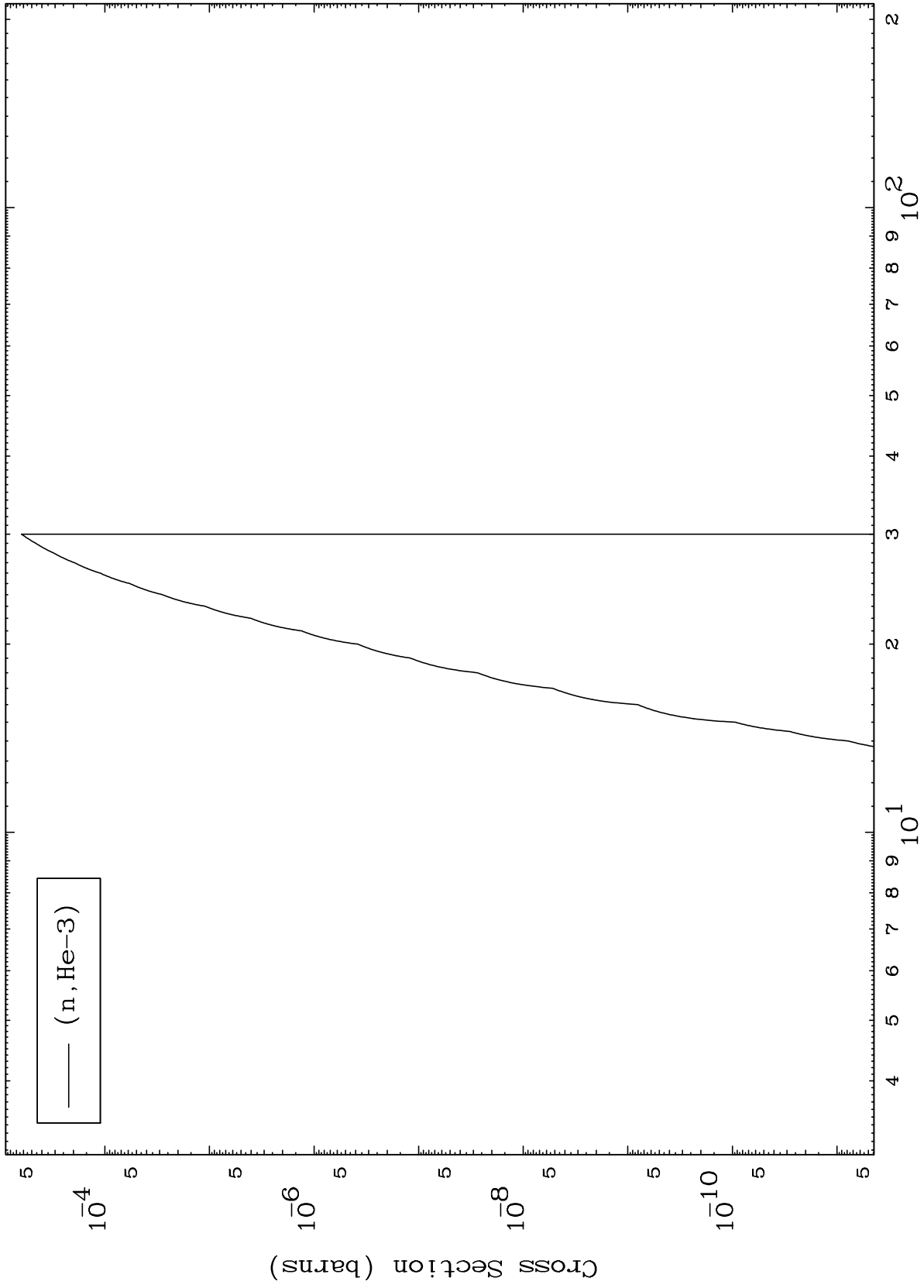
Incident Energy (MeV)

81-T1-198

MAT 81110

(n,He3) Levels  
293 Kelvin Cross Sections

81-T1-198



13

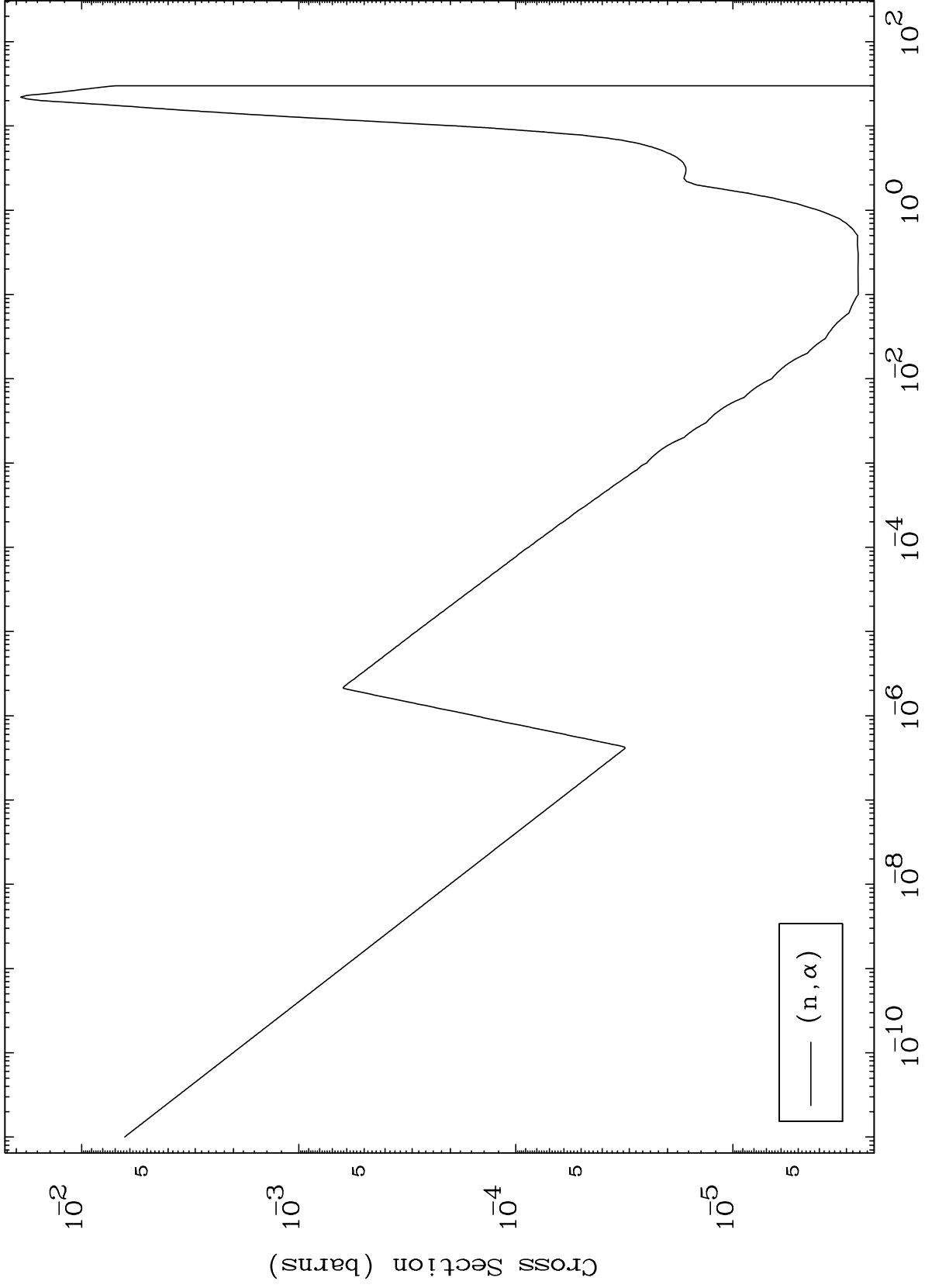
Incident Energy (MeV)

81-T1-198

MAT 8110

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

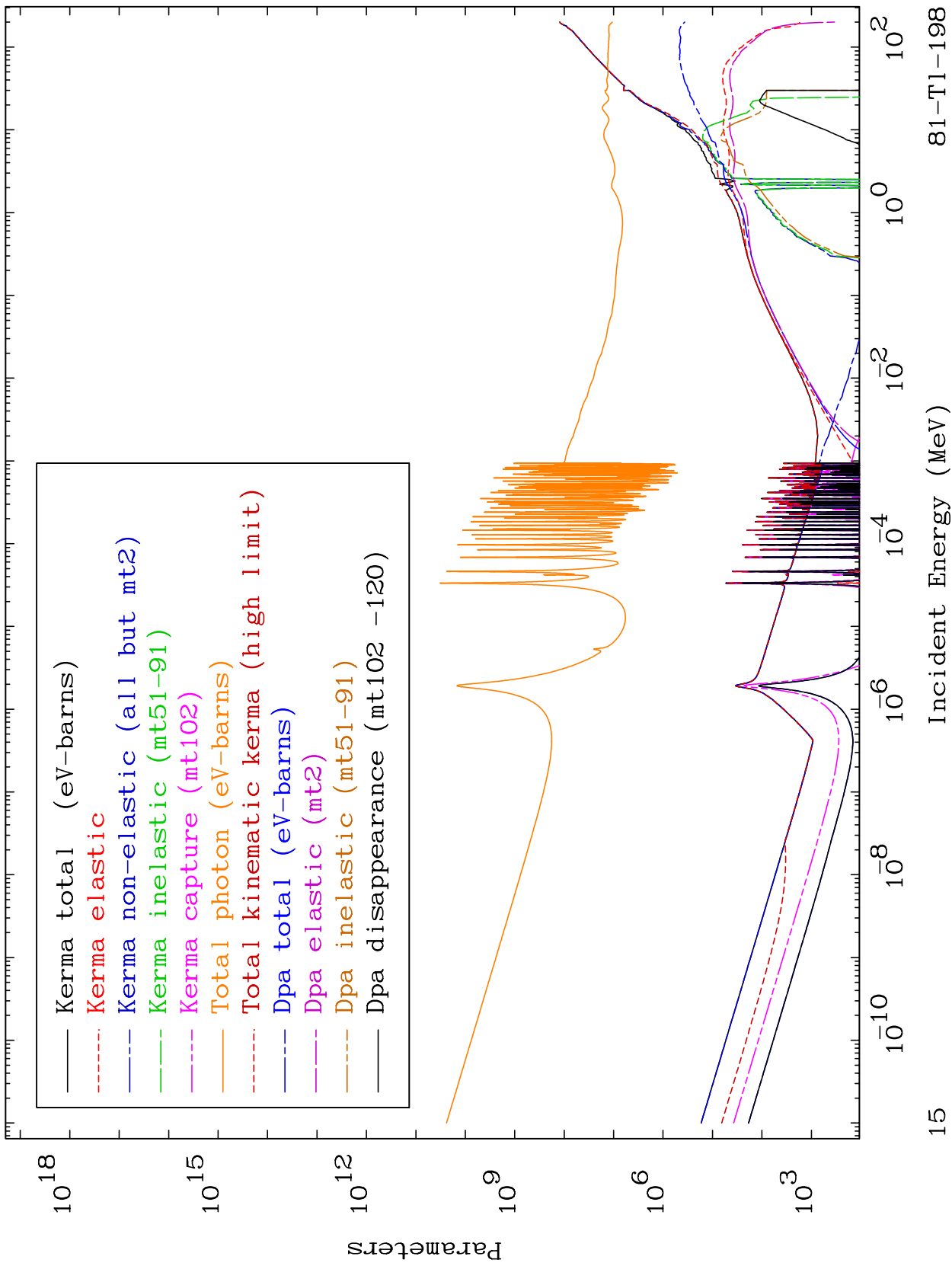
81-Tl-198



14

Incident Energy (MeV)

81-Tl-198

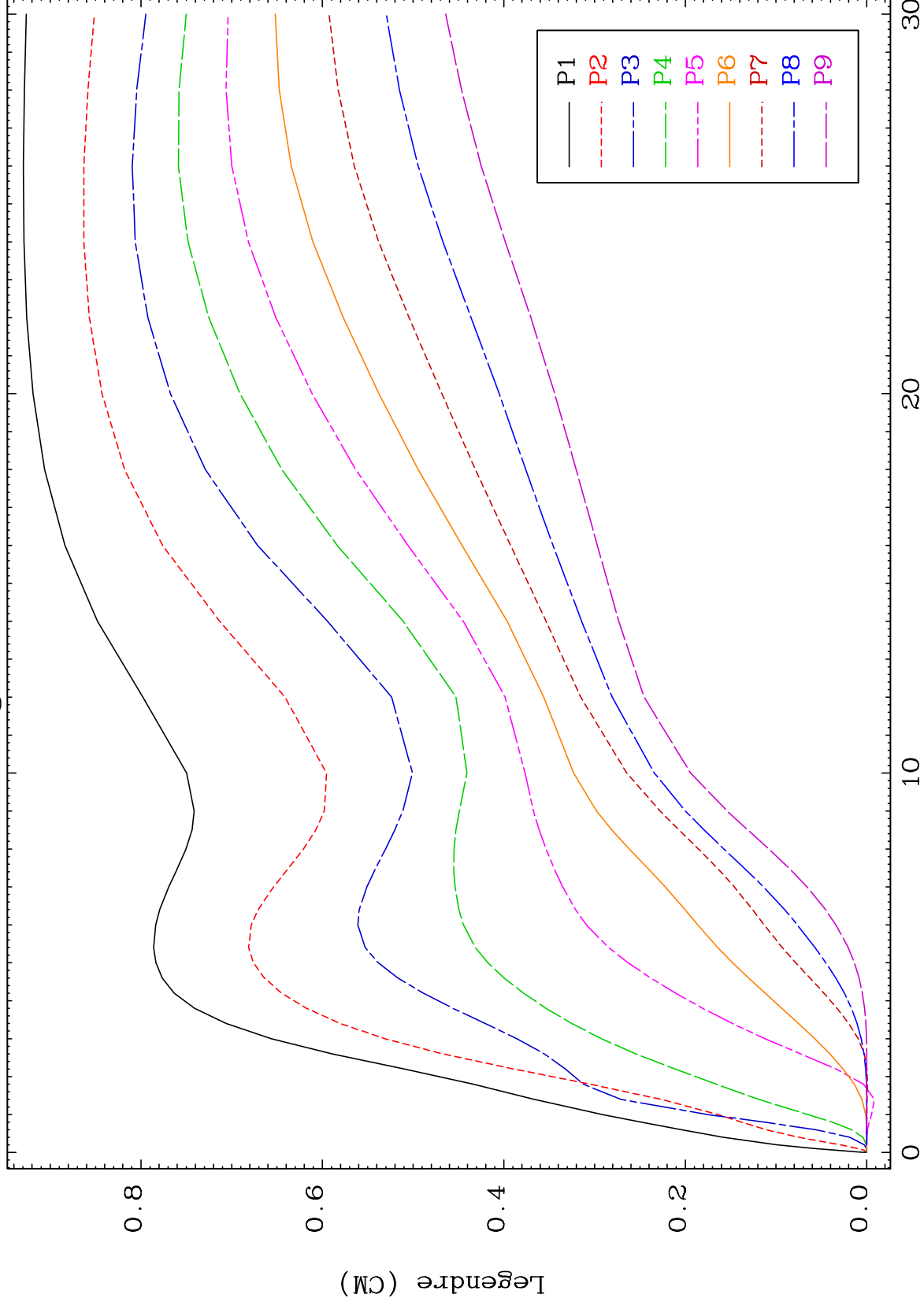




MAT 8110

Elastic Legendre Coefficients

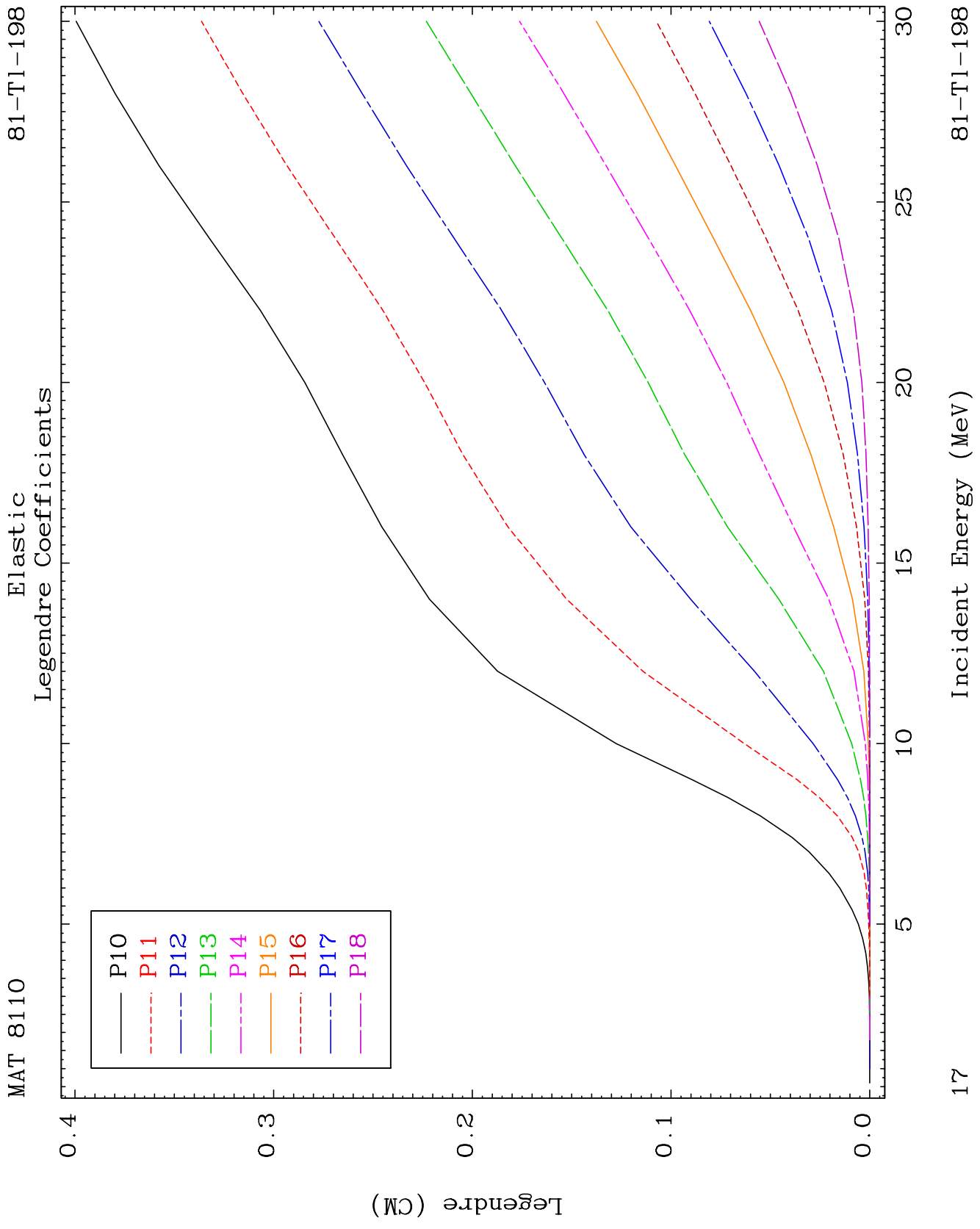
81-T1-198



16

Incident Energy (MeV)

81-T1-198



MAT 8110

Elastic Legendre Coefficients

81-Tl-198

17

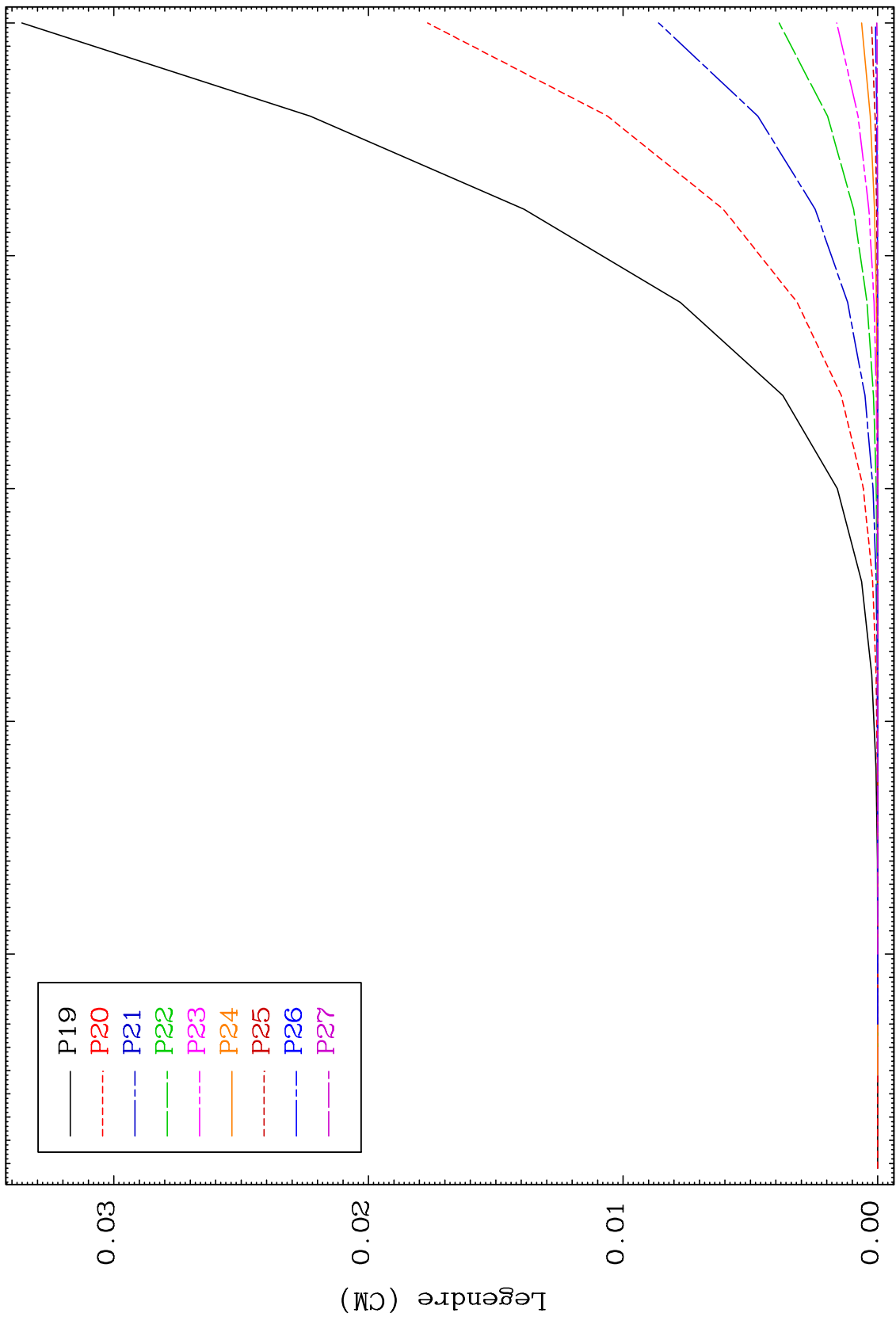
Incident Energy (MeV)

81-Tl-198

MAT 8110

### Elastic Legendre Coefficients

81-T1-198



18

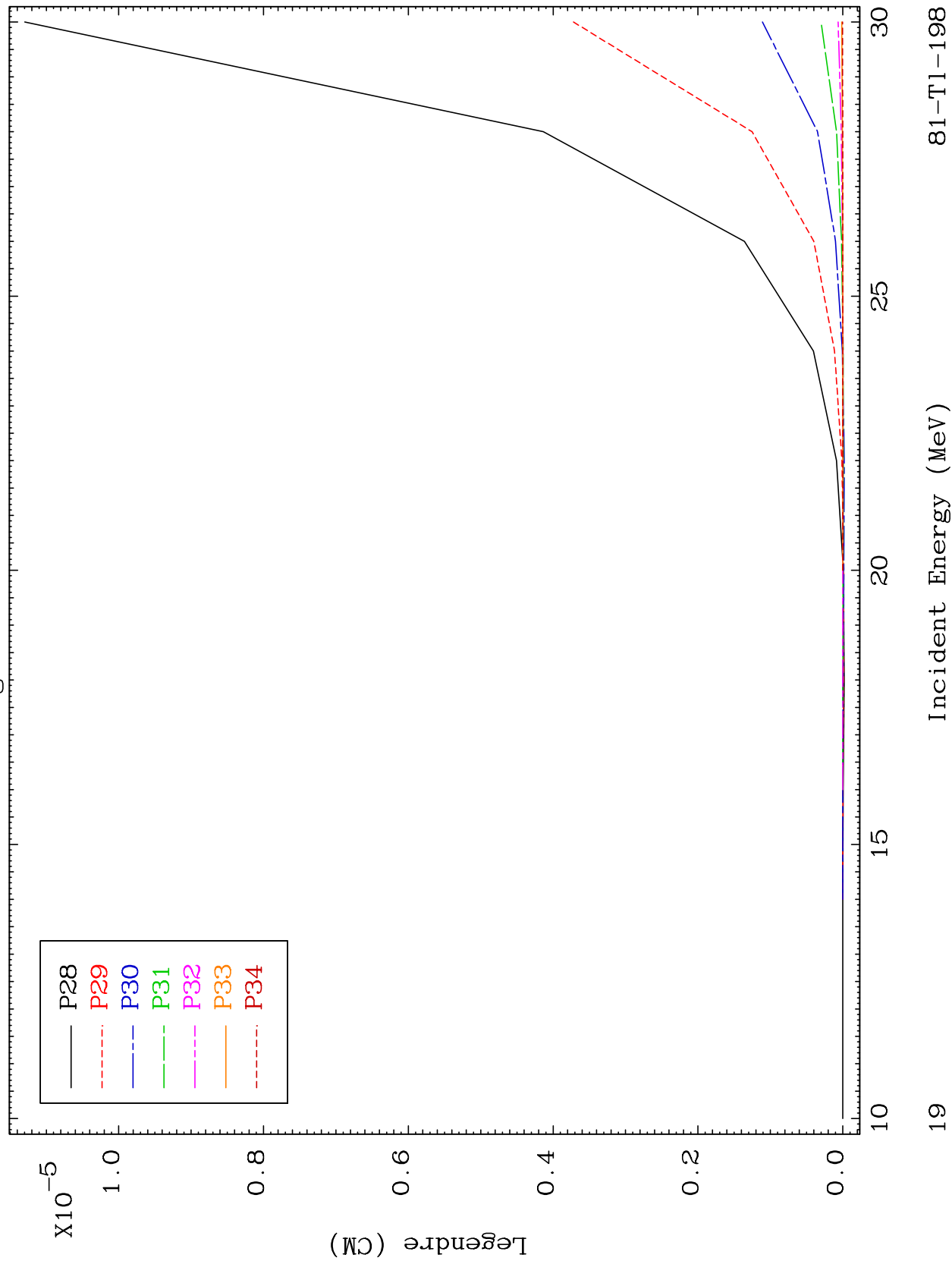
Incident Energy (MeV)

81-T1-198

MAT 8110

Elastic Legendre Coefficients

81-T1-198



19

Incident Energy (MeV)

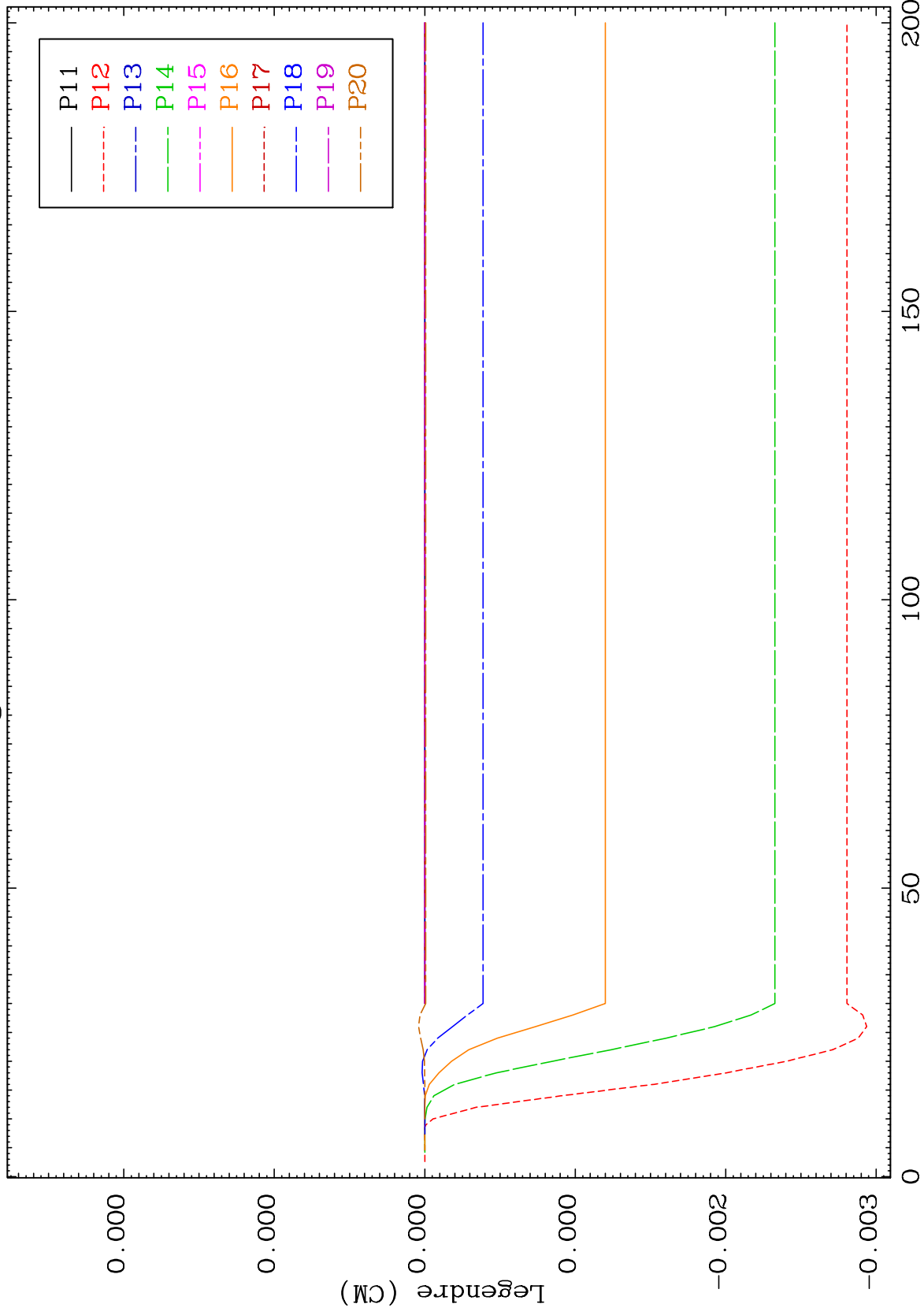
81-T1-198



MAT 8110

173.4 keV (n,n') Level  
Legendre Coefficients

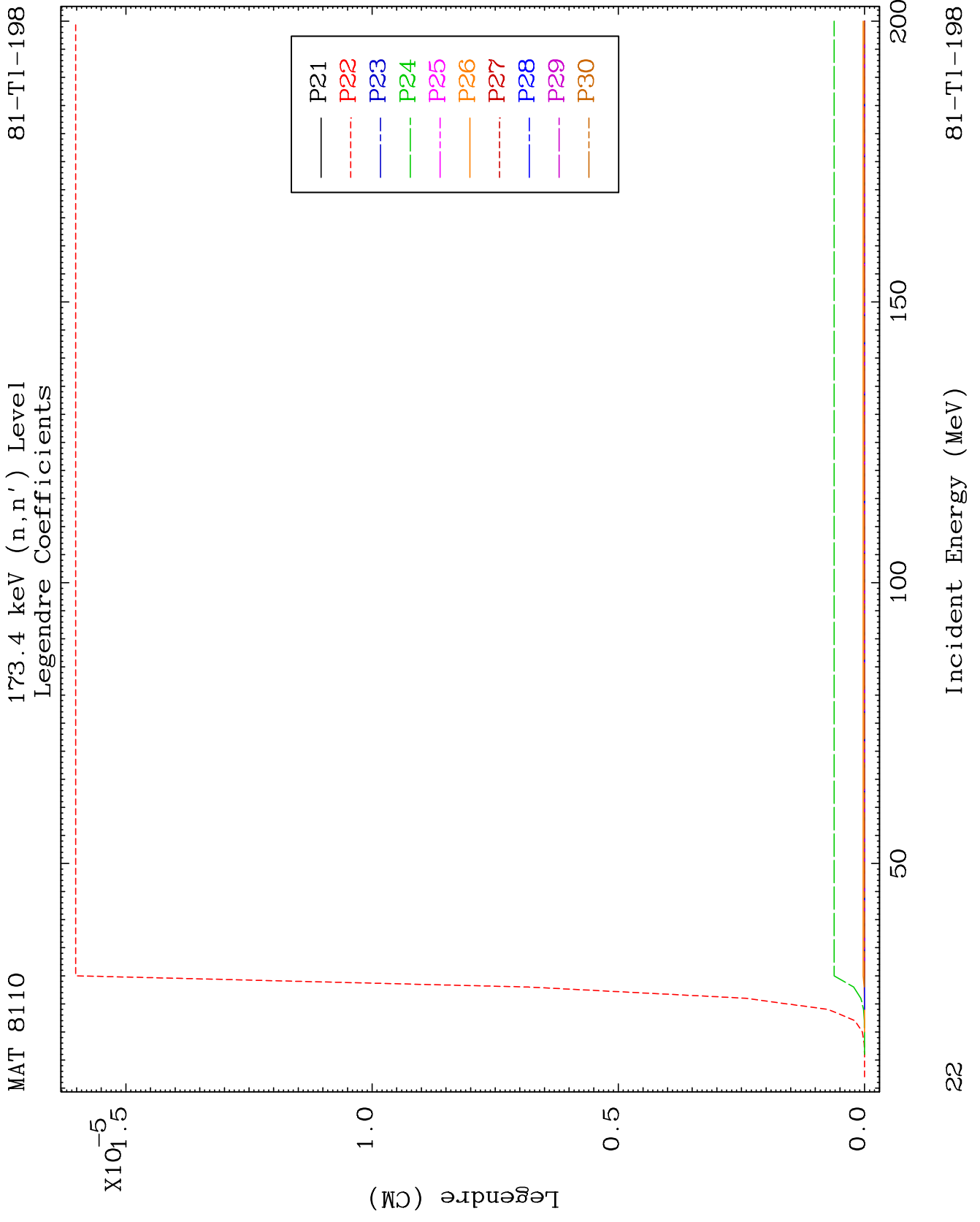
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21

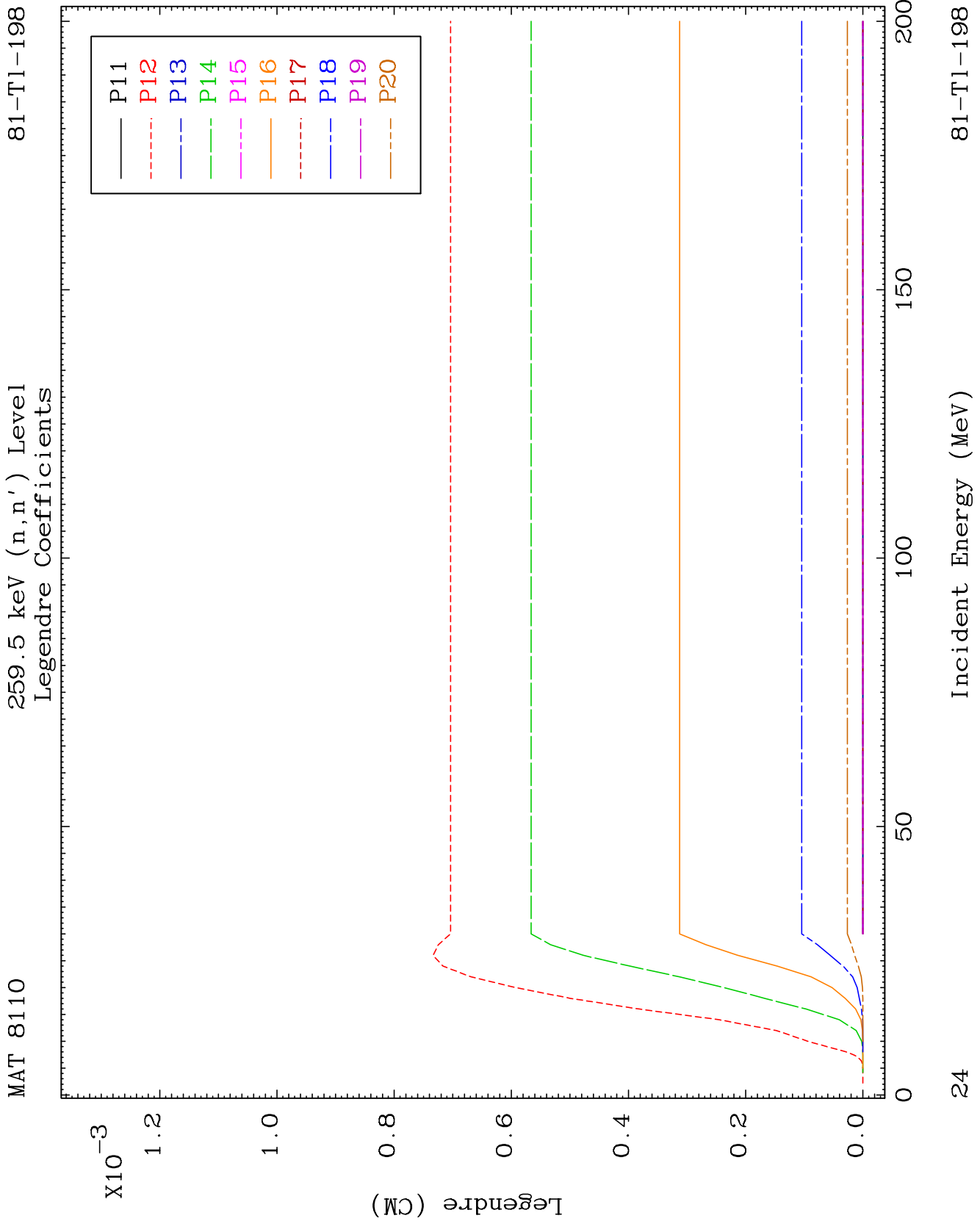
Incident Energy (MeV)

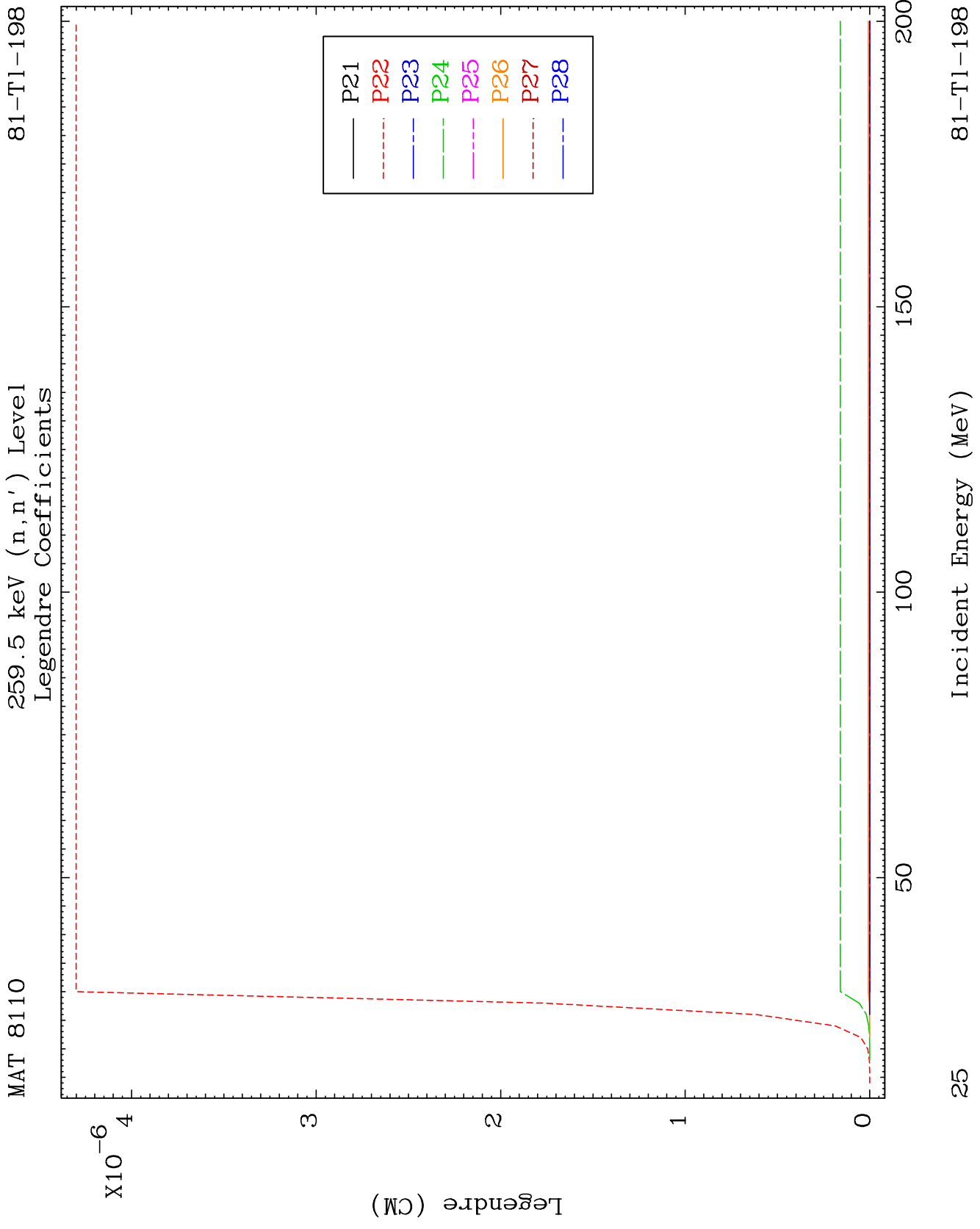
81-T1-198

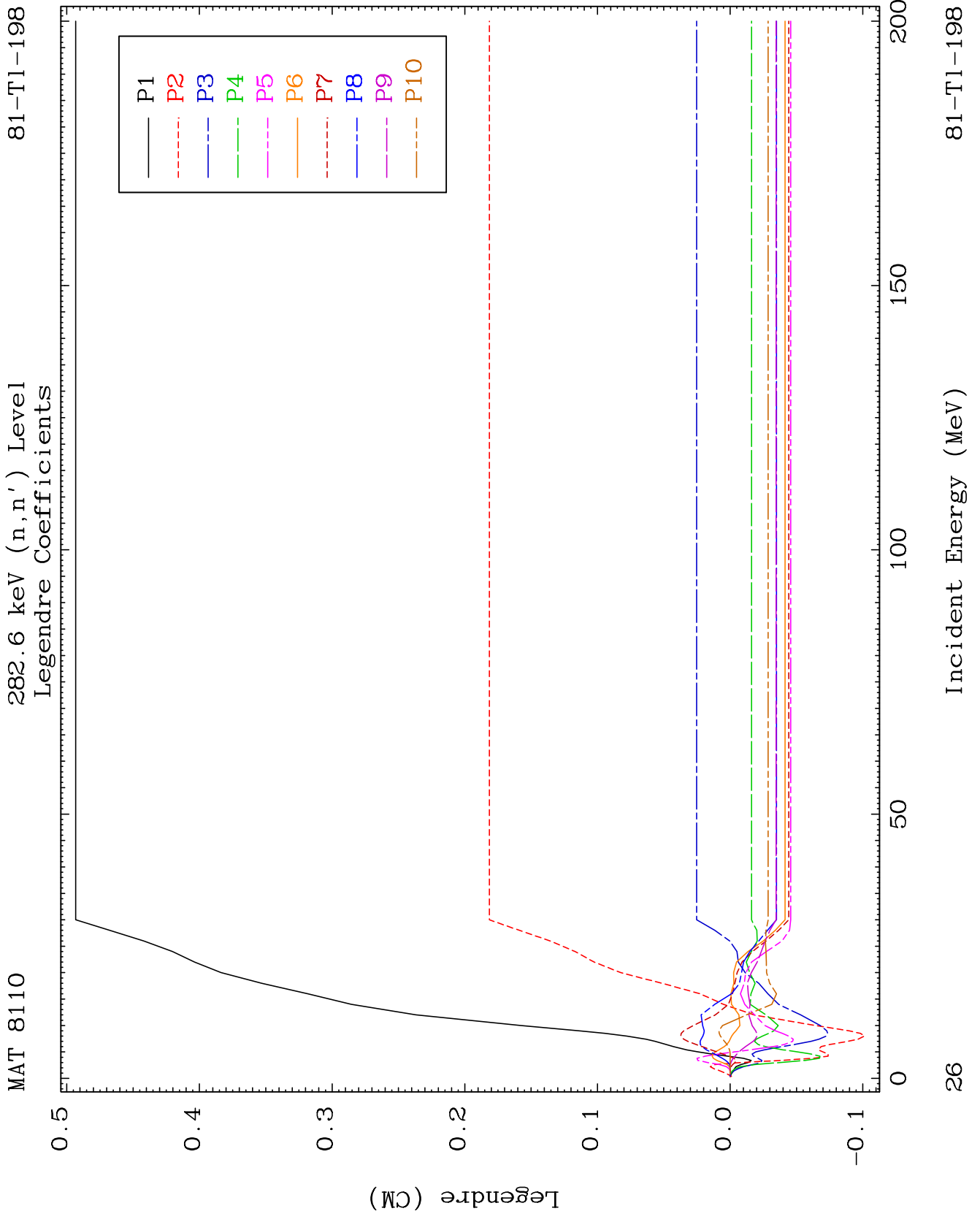








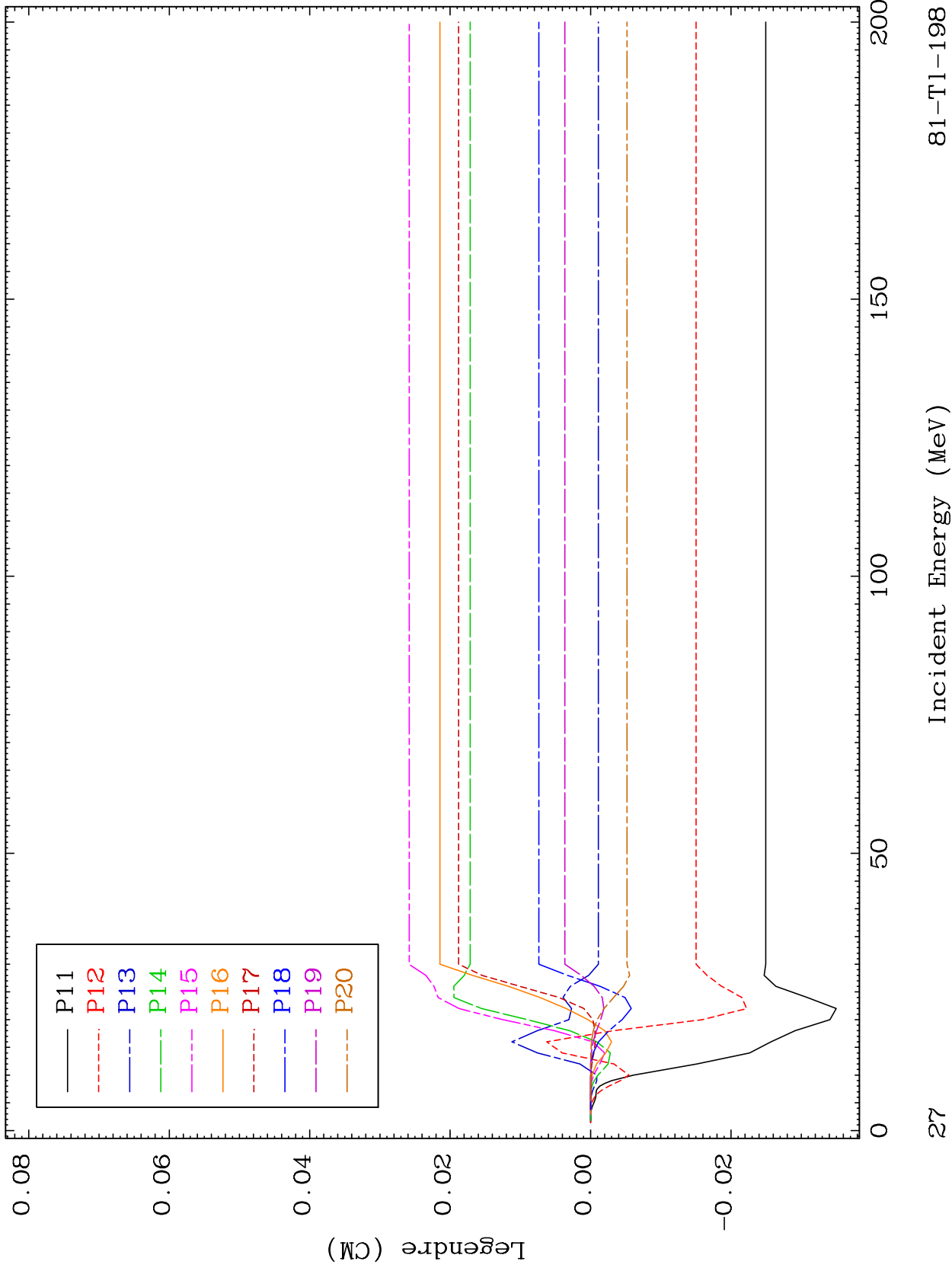




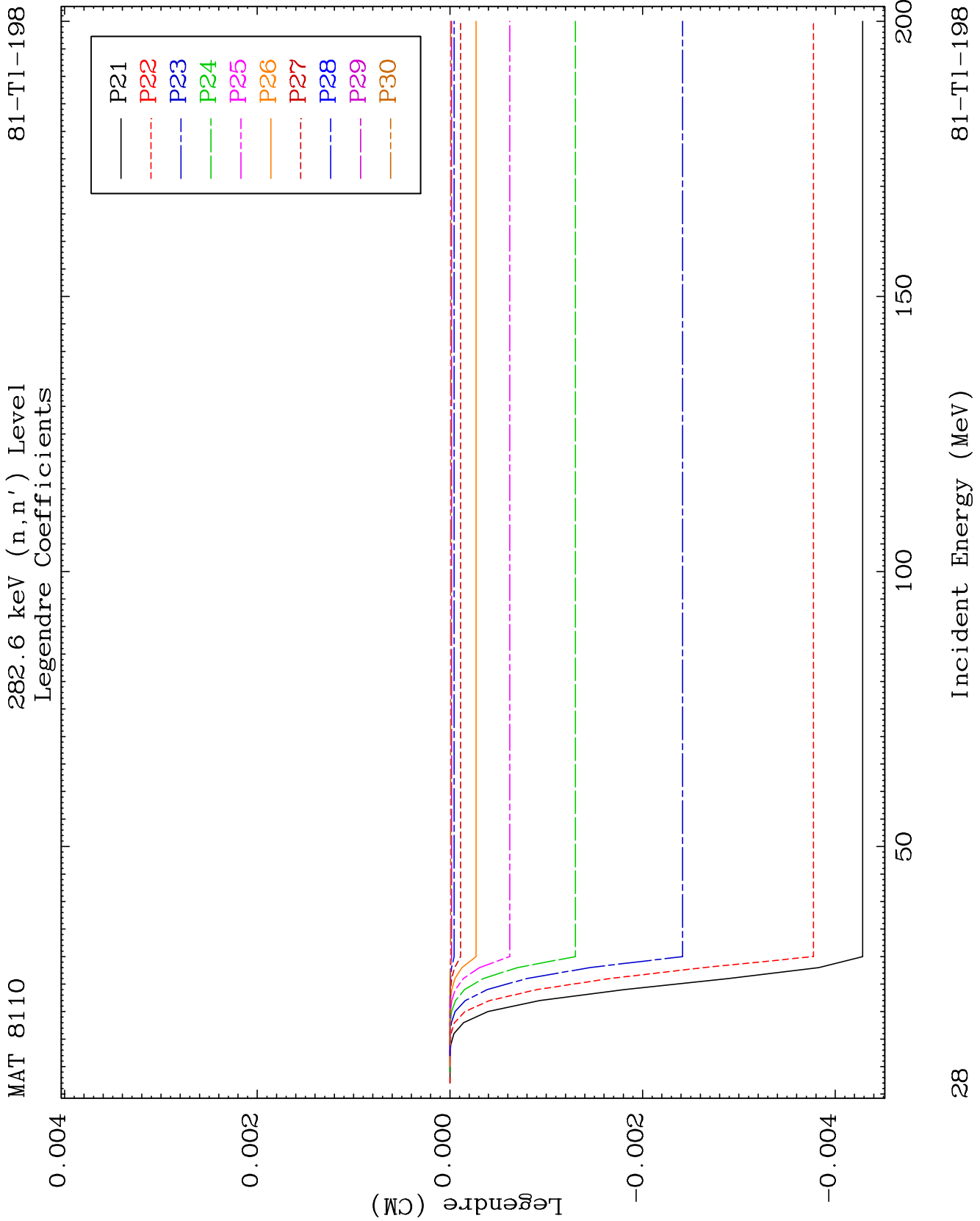
MAT 8110

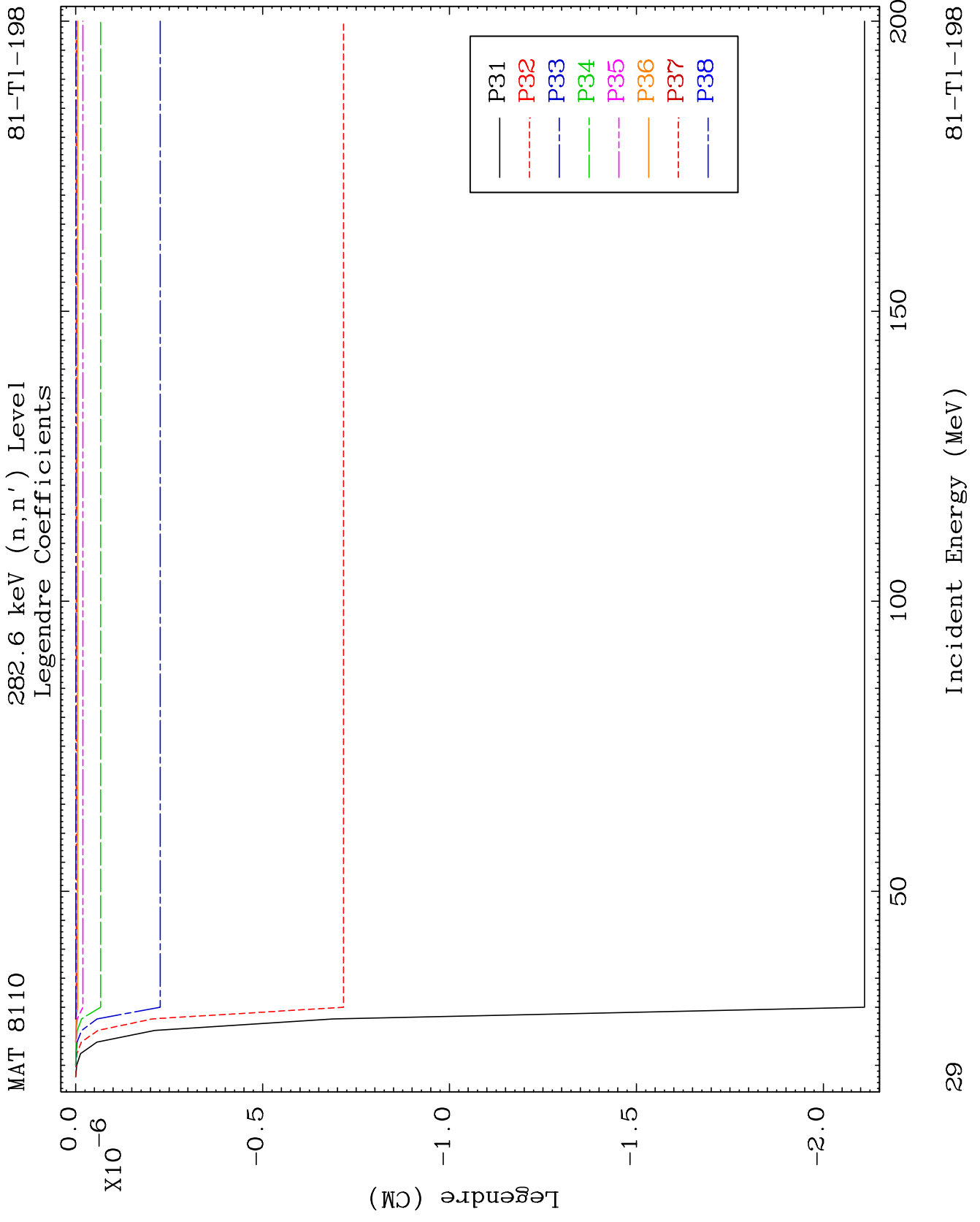
282.6 keV (n,n') Level  
Legendre Coefficients

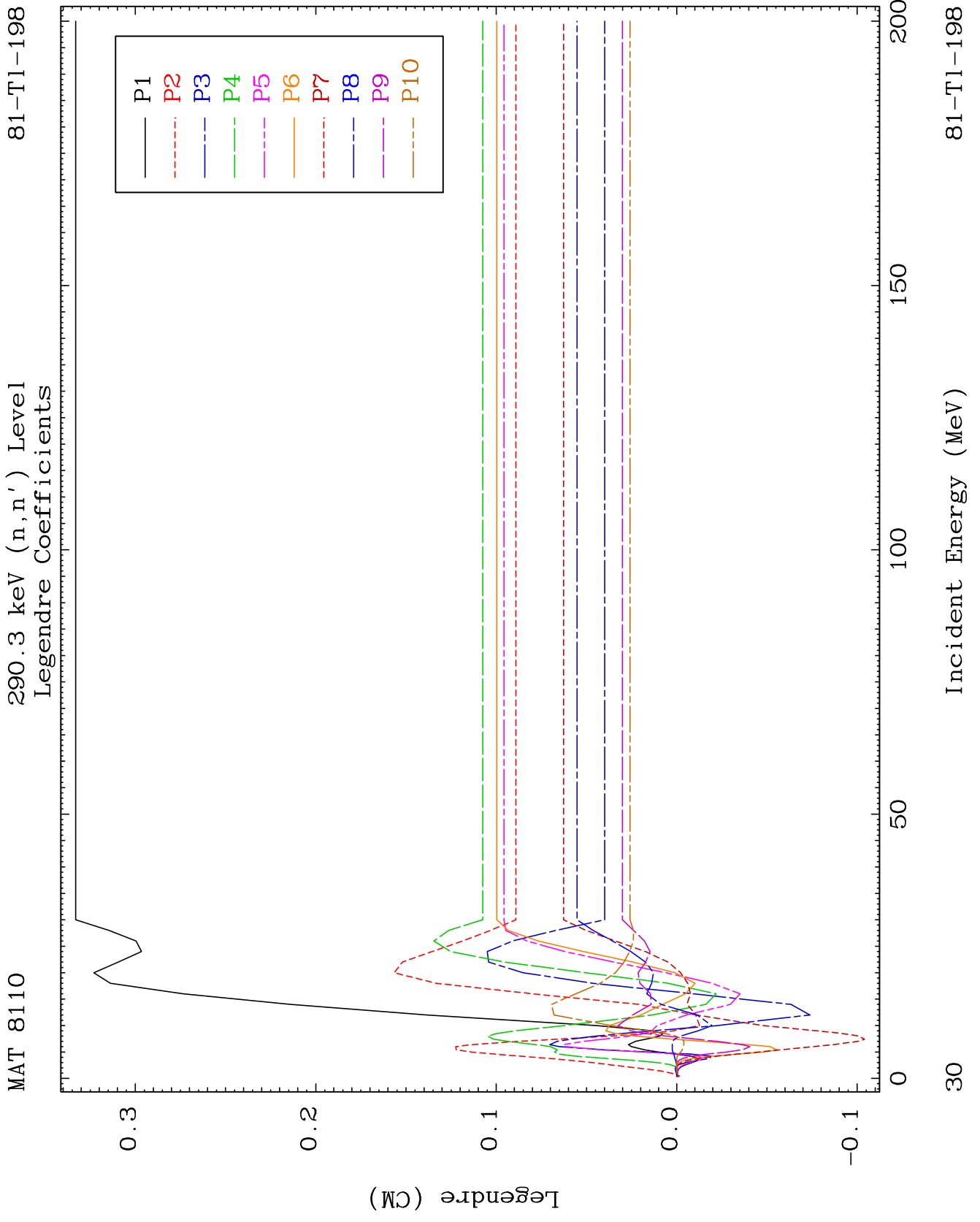
81-T1-198

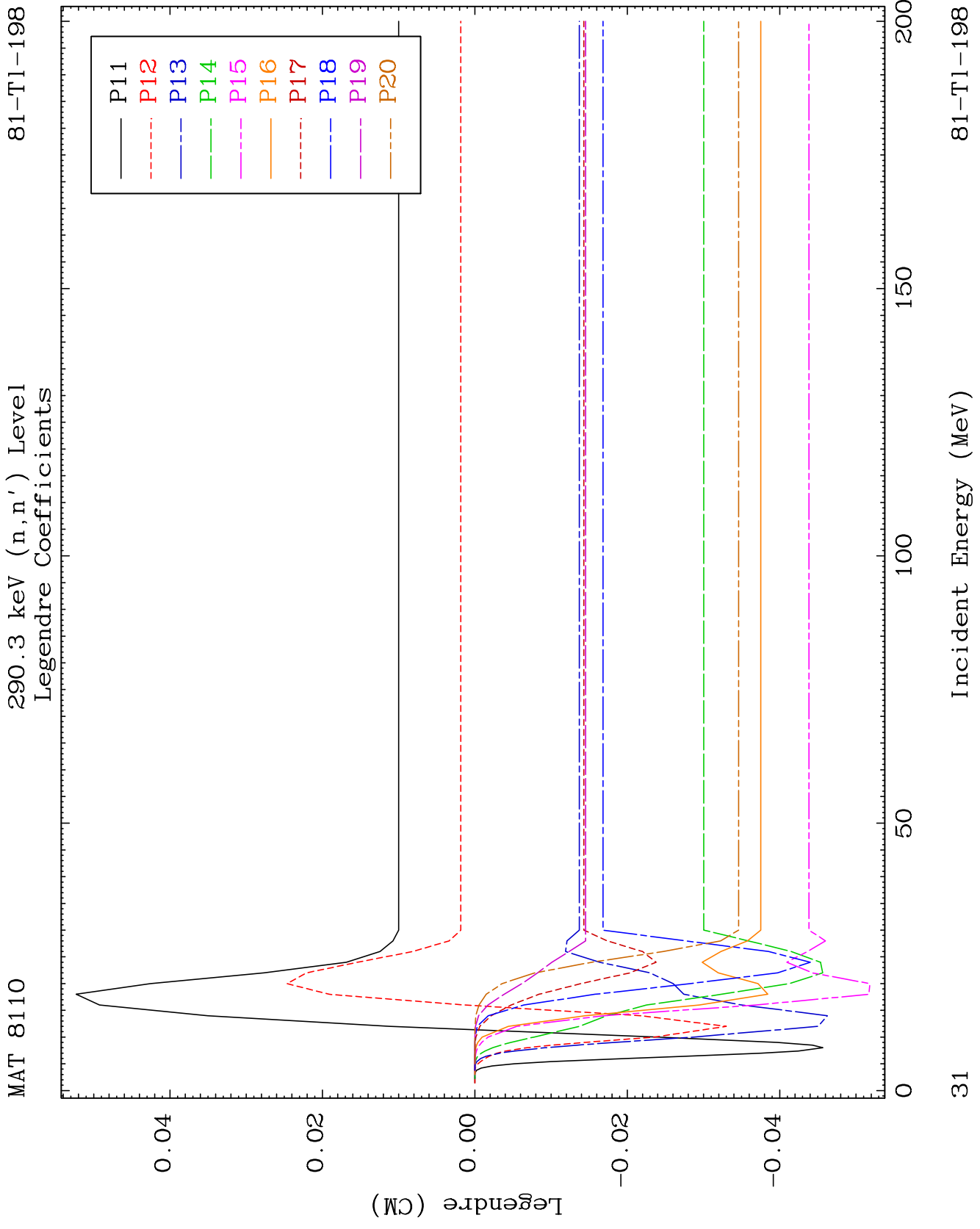


27

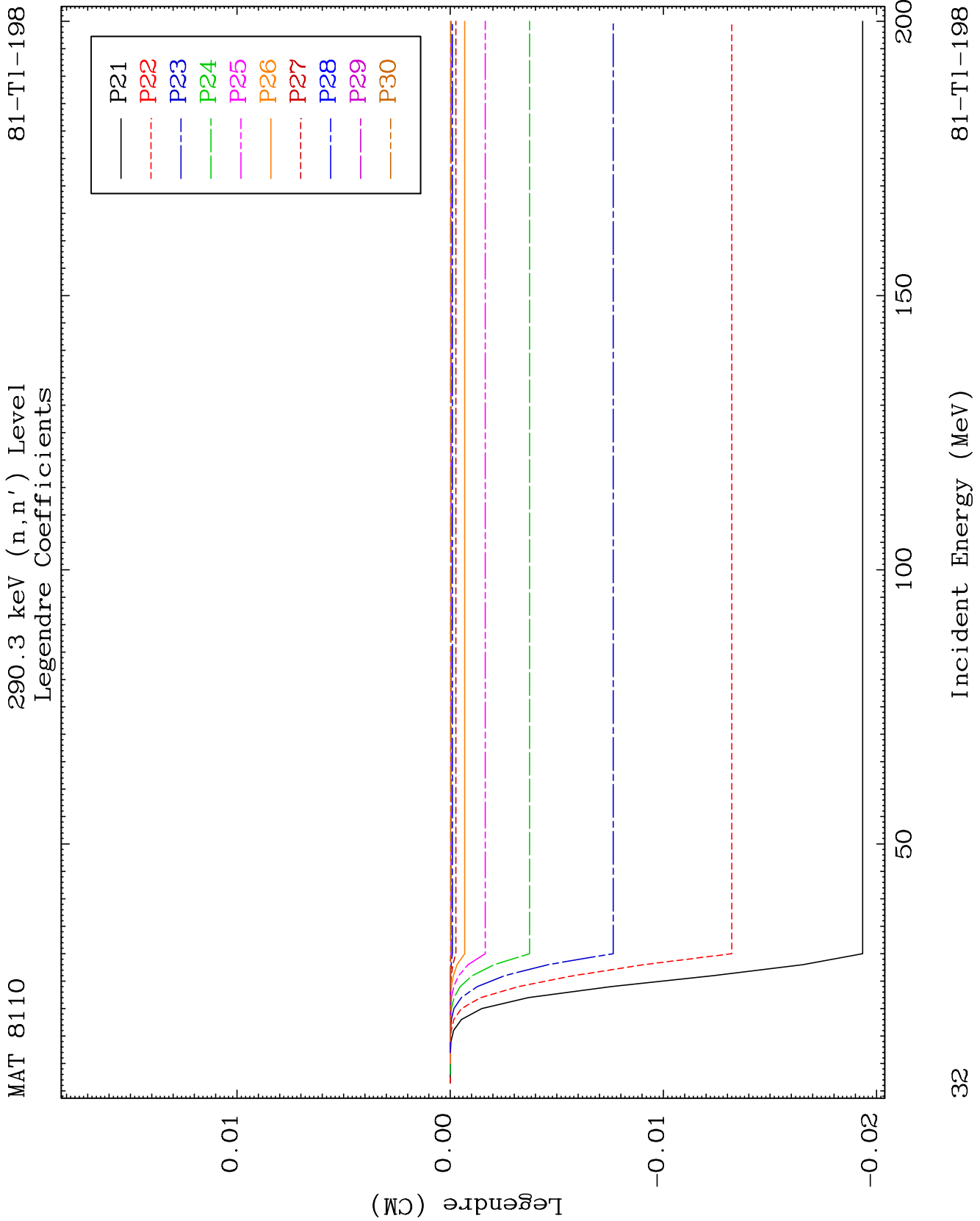


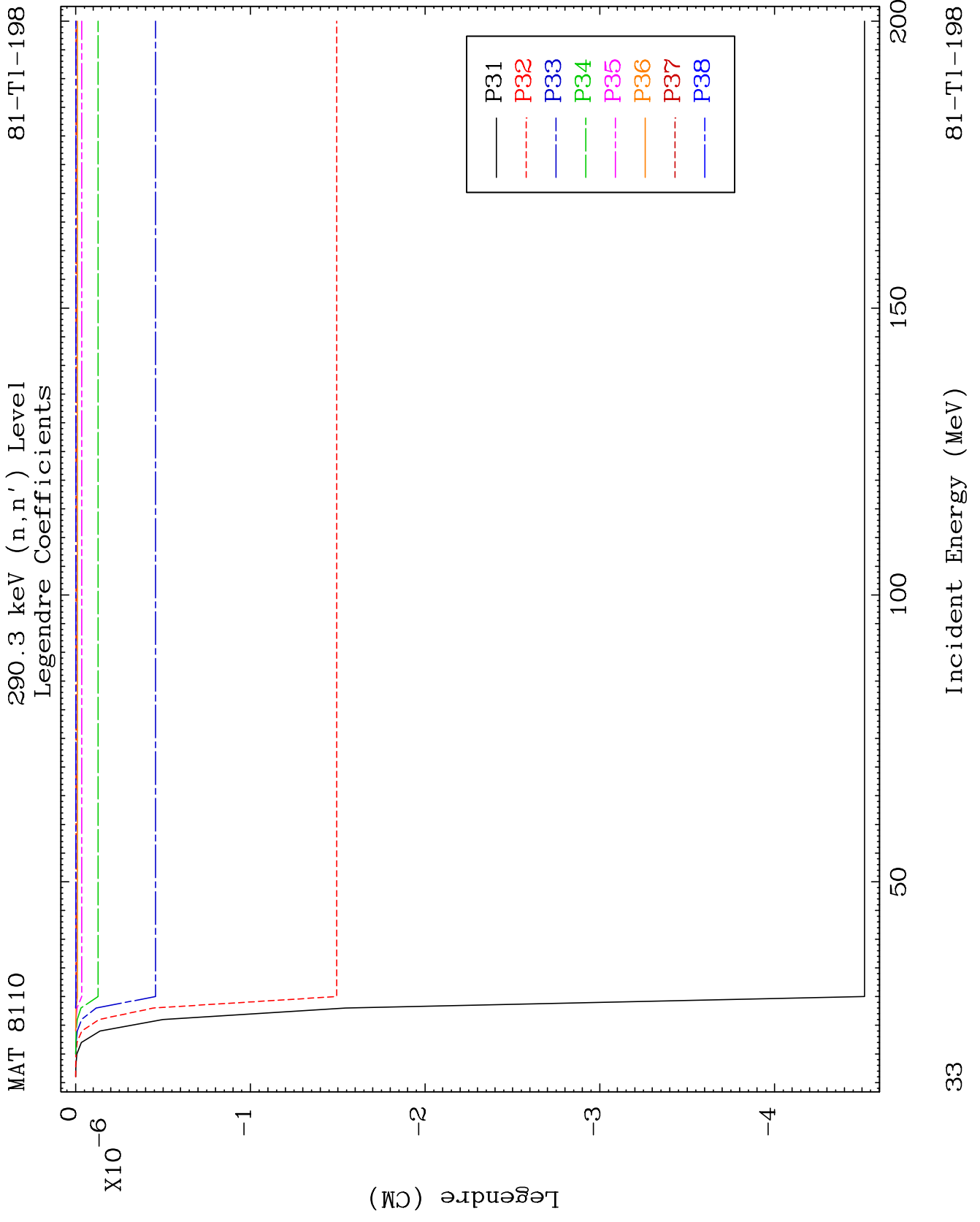


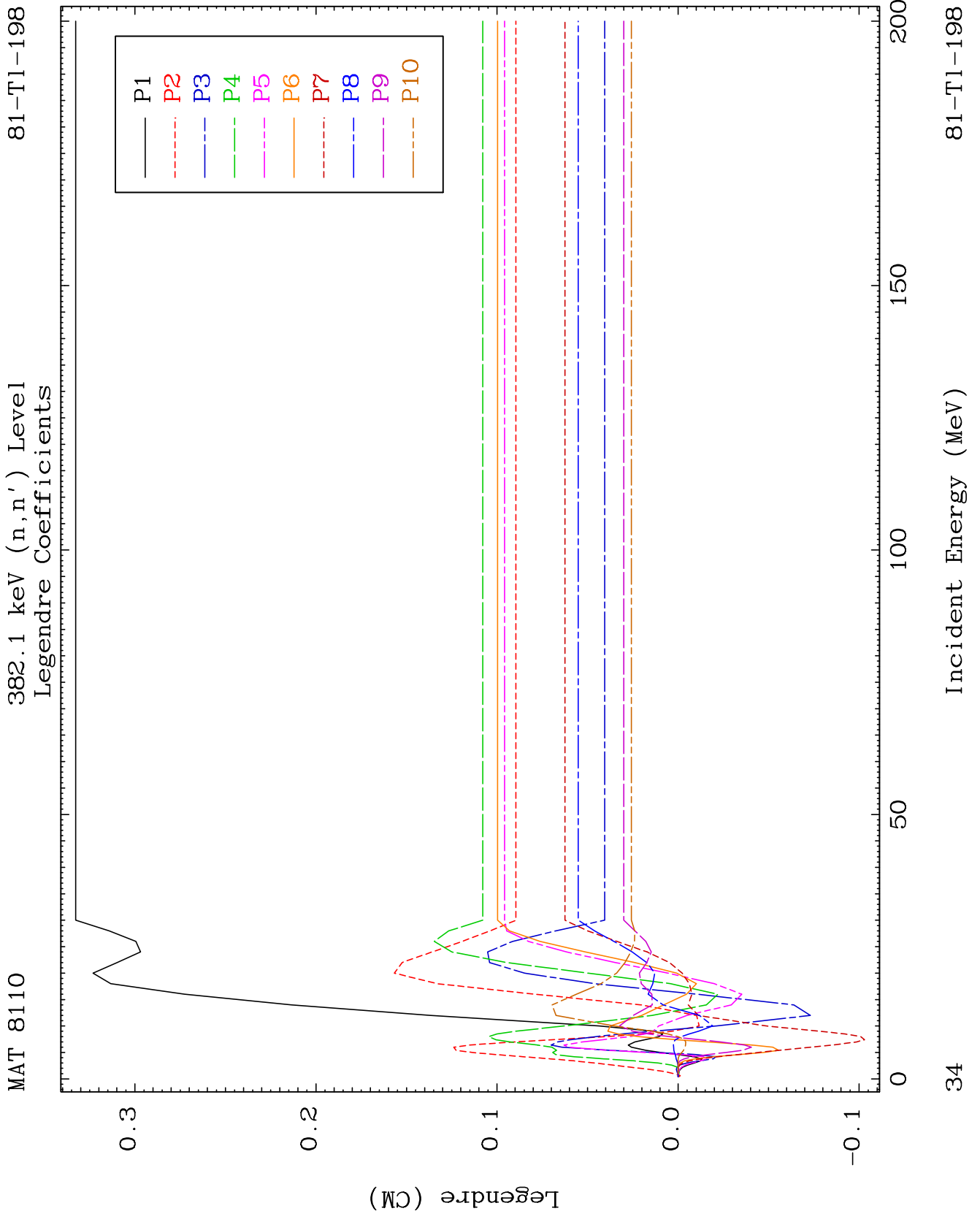


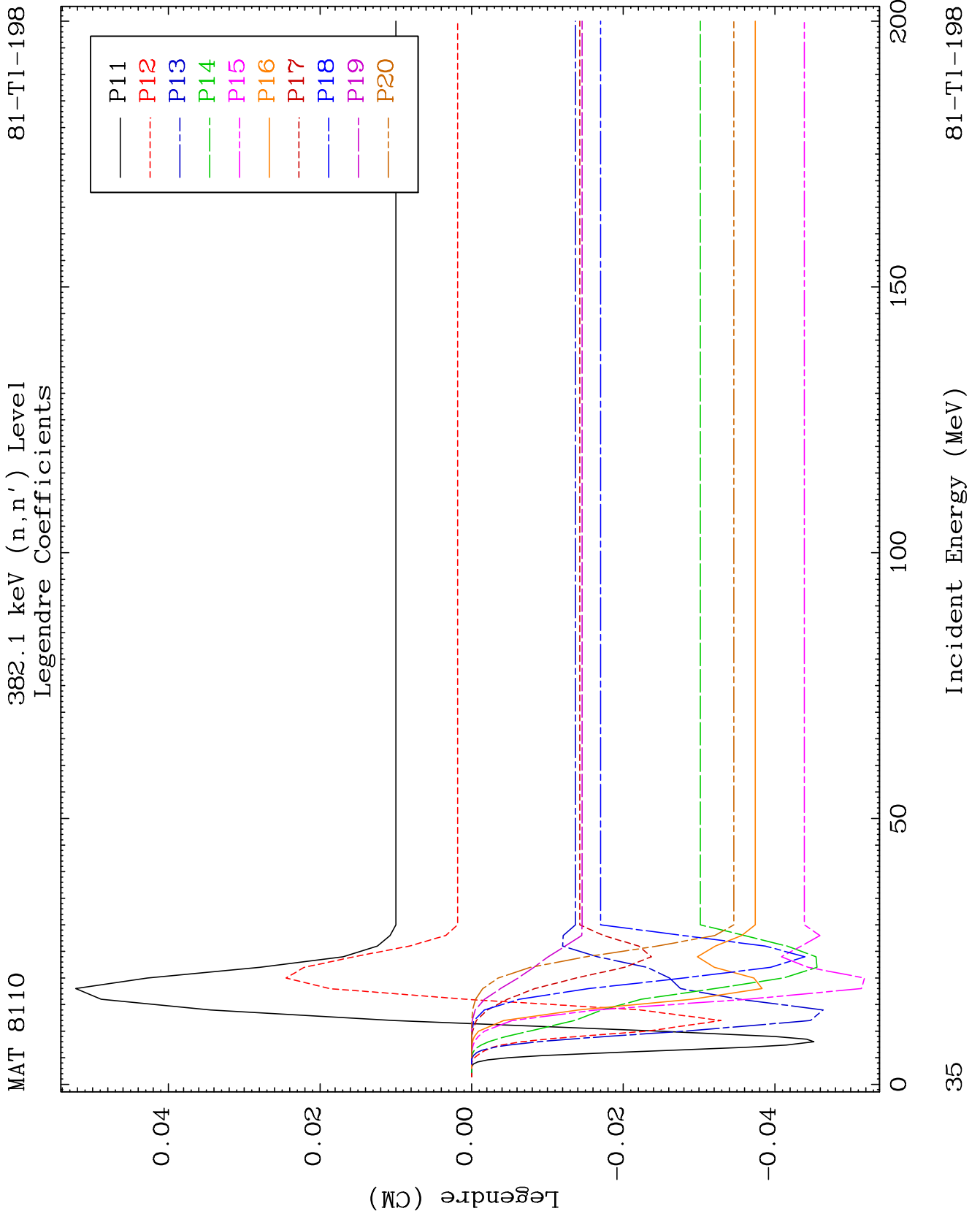








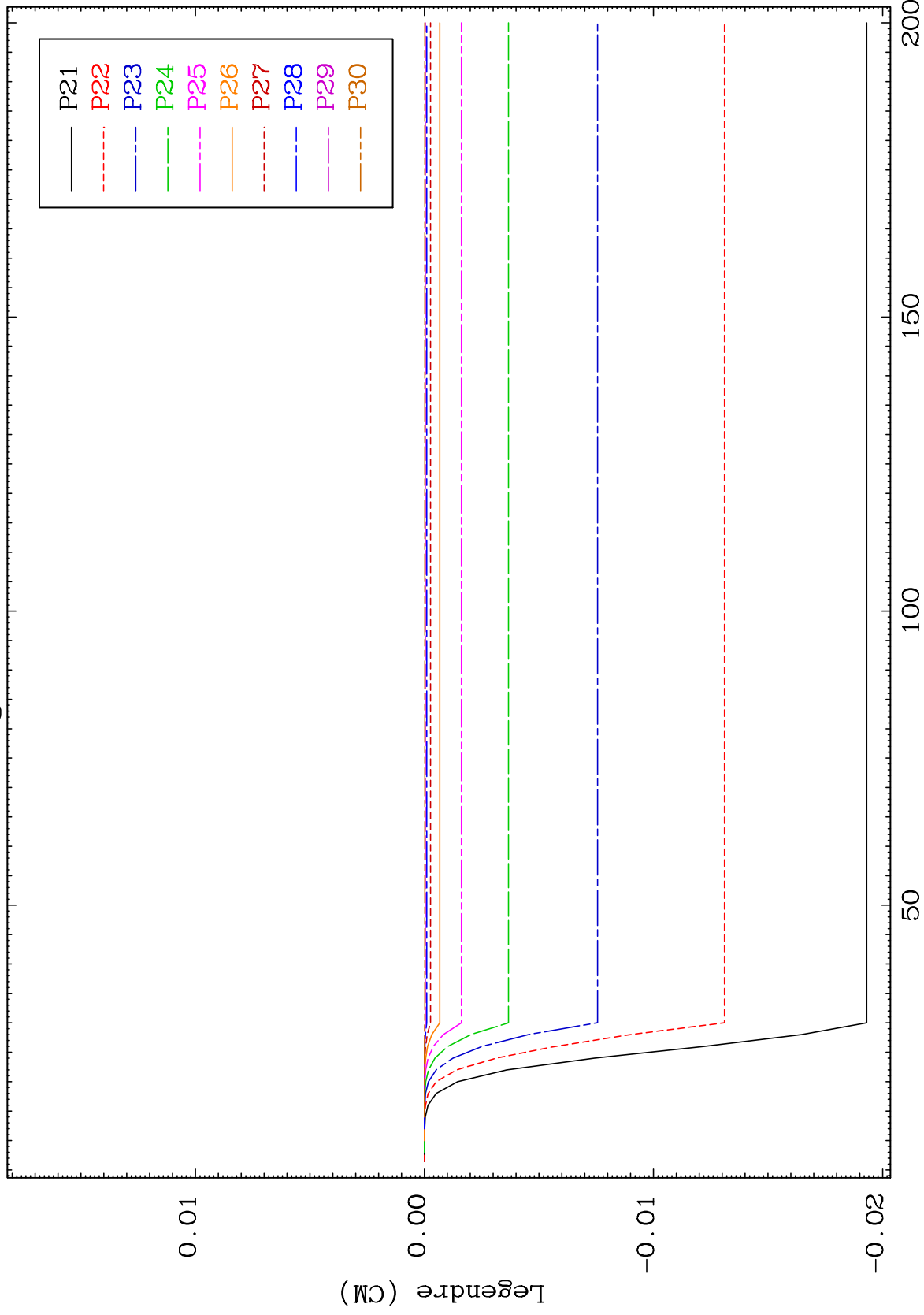




MAT 8110

382.1 keV (n,n') Level  
Legendre Coefficients

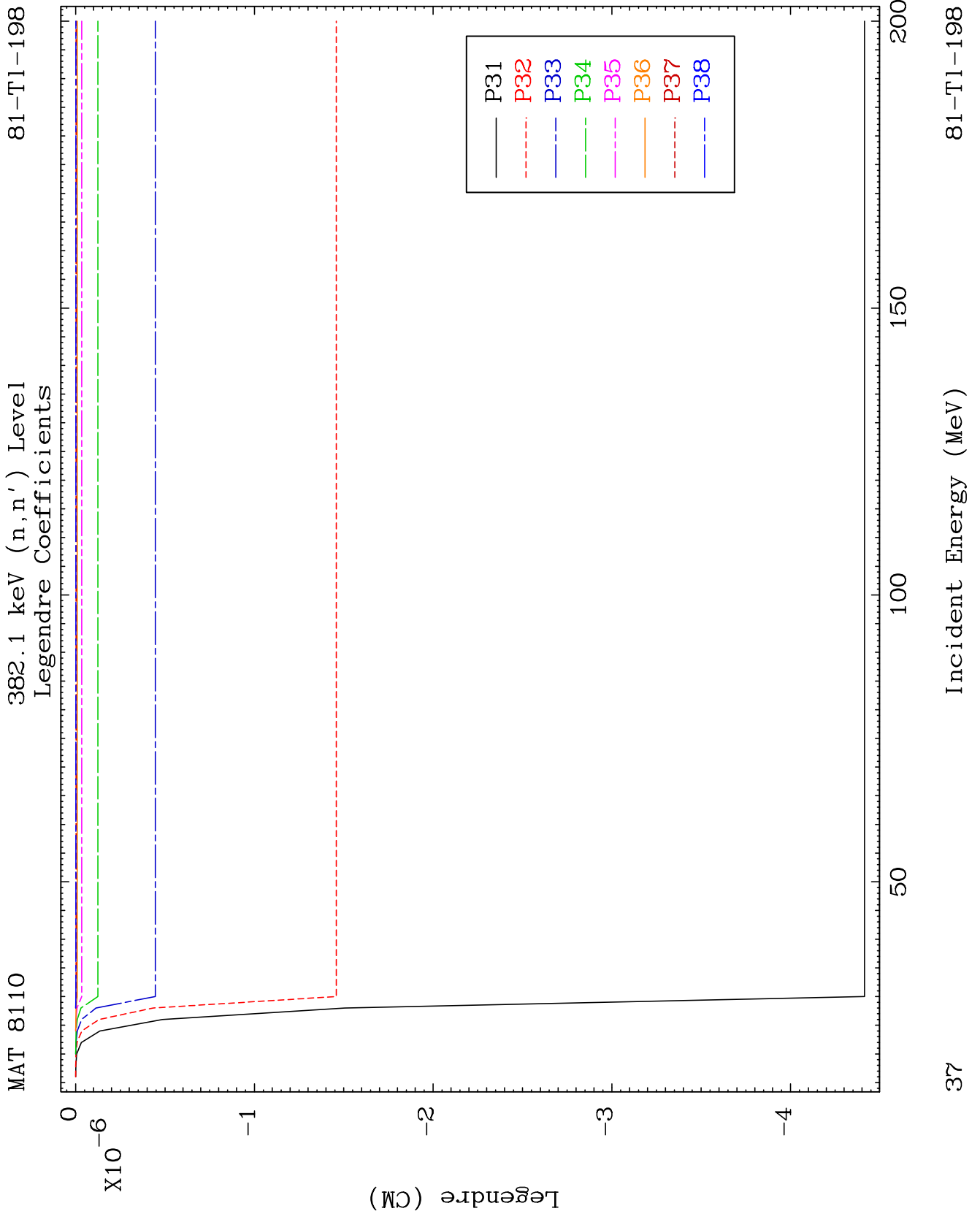
81-T1-198

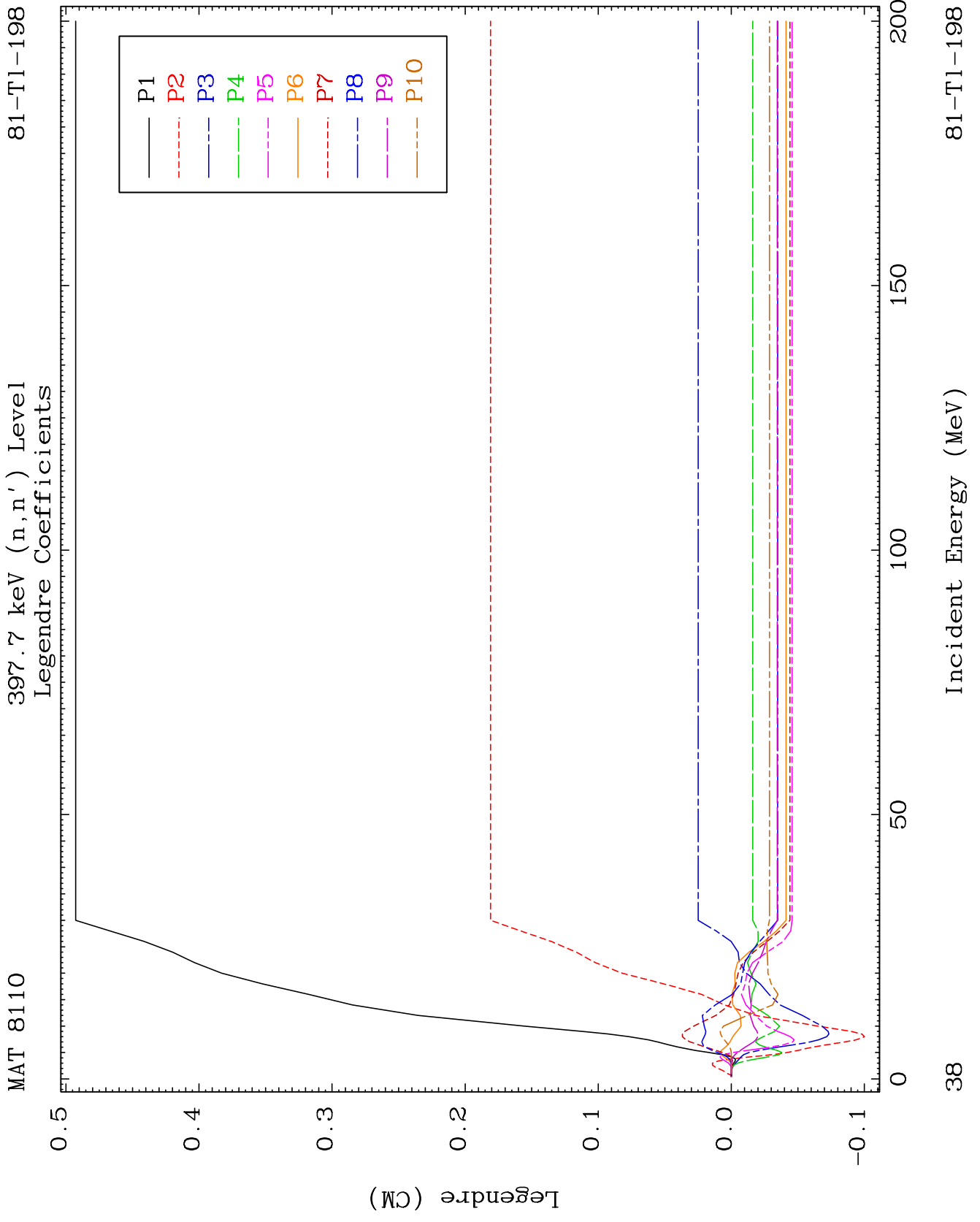


36

Incident Energy (MeV)

81-T1-198

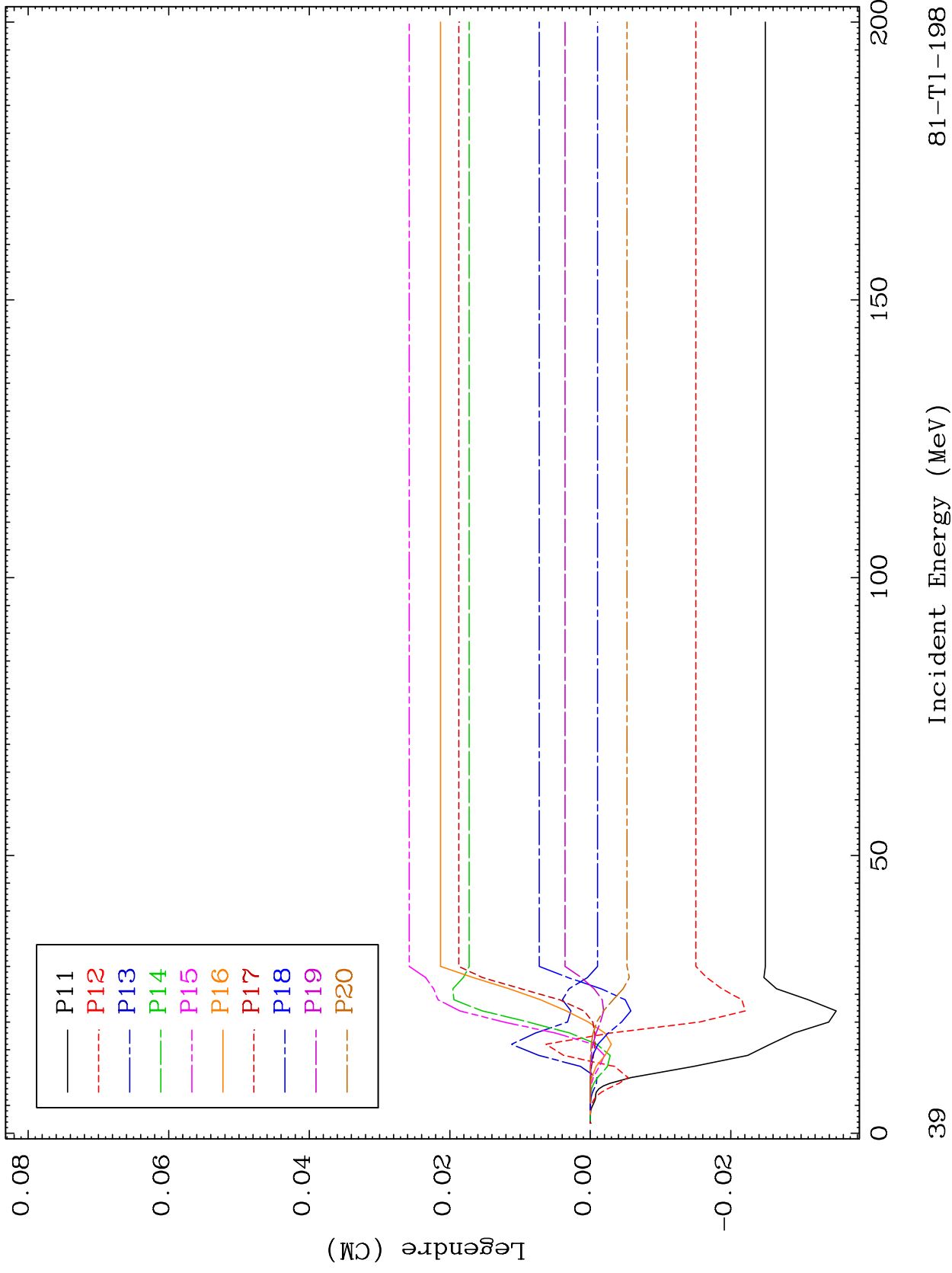




MAT 8110

397.7 keV (n,n') Level  
Legendre Coefficients

81-Tl-198

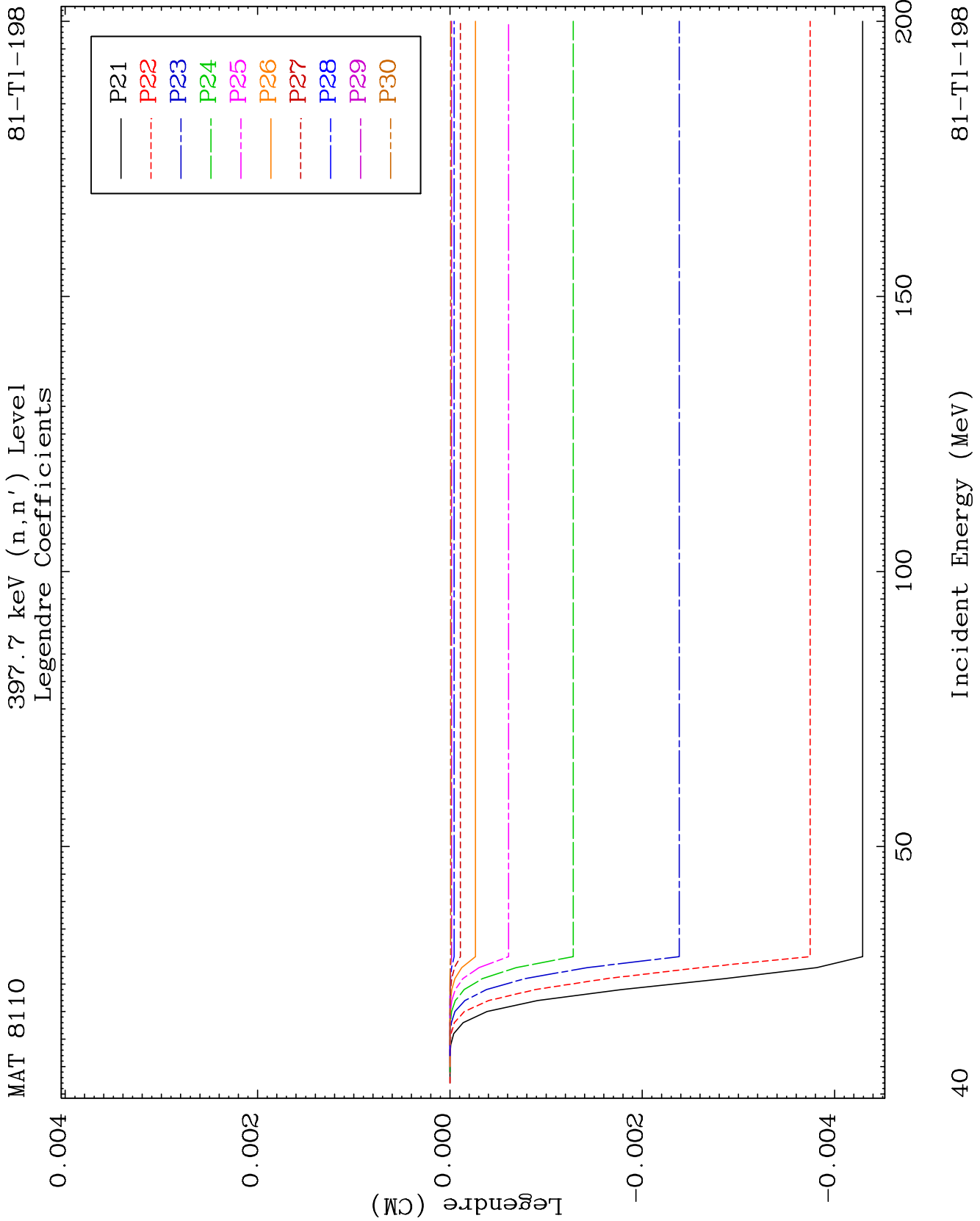


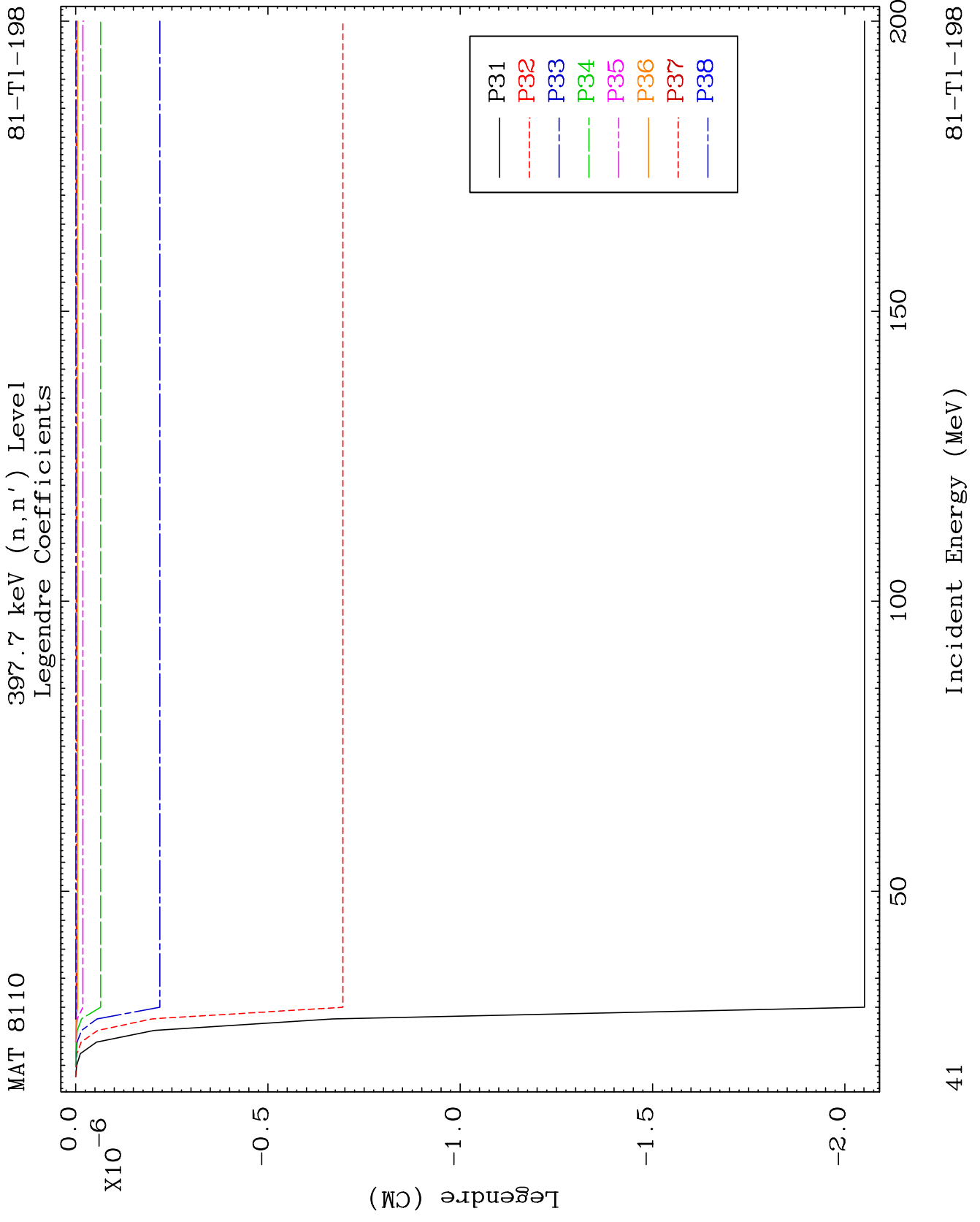
39

Incident Energy (MeV)

81-Tl-198



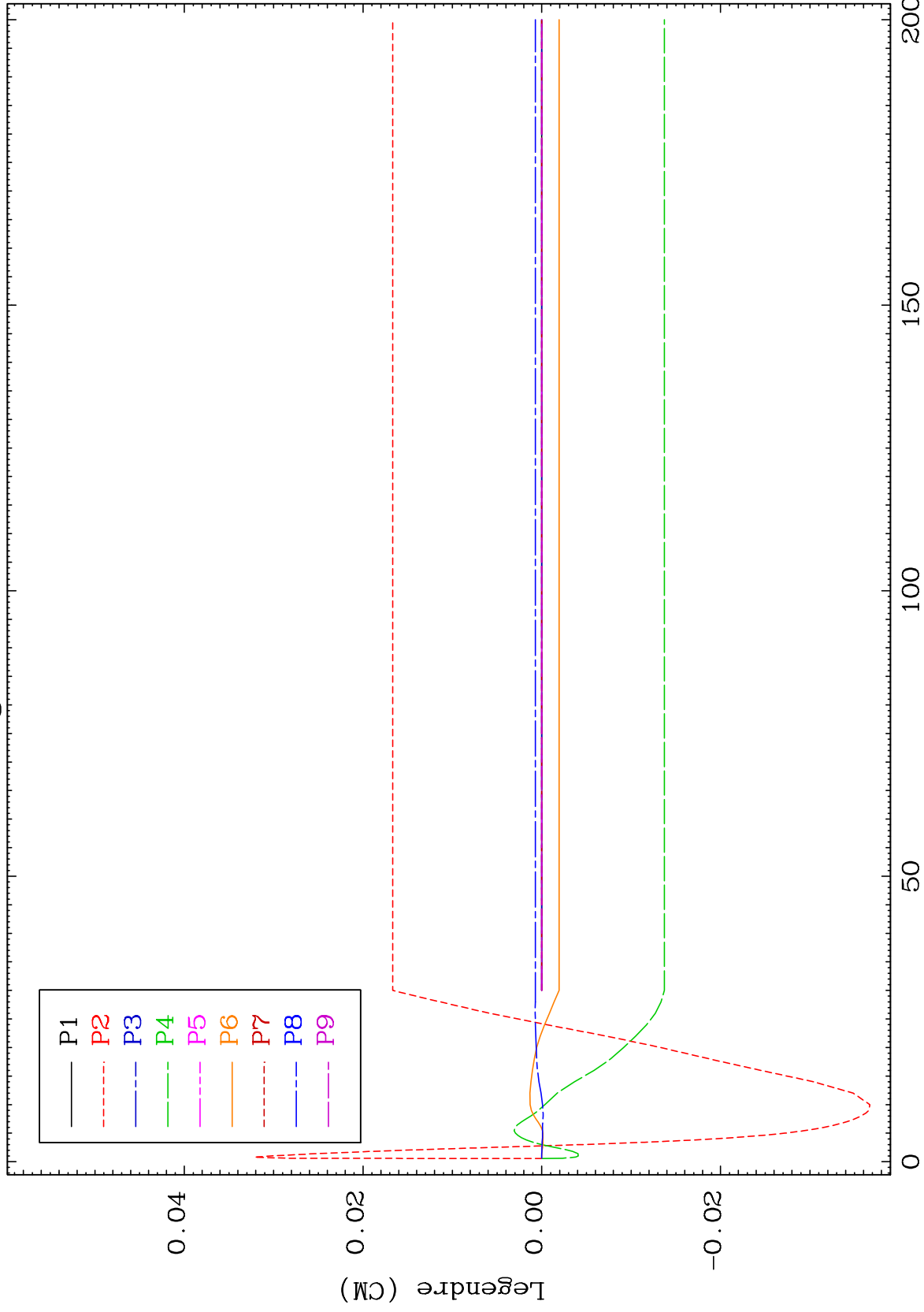




MAT 8110

543.6 keV (n,n') Level  
Legendre Coefficients

81-T1-198



42

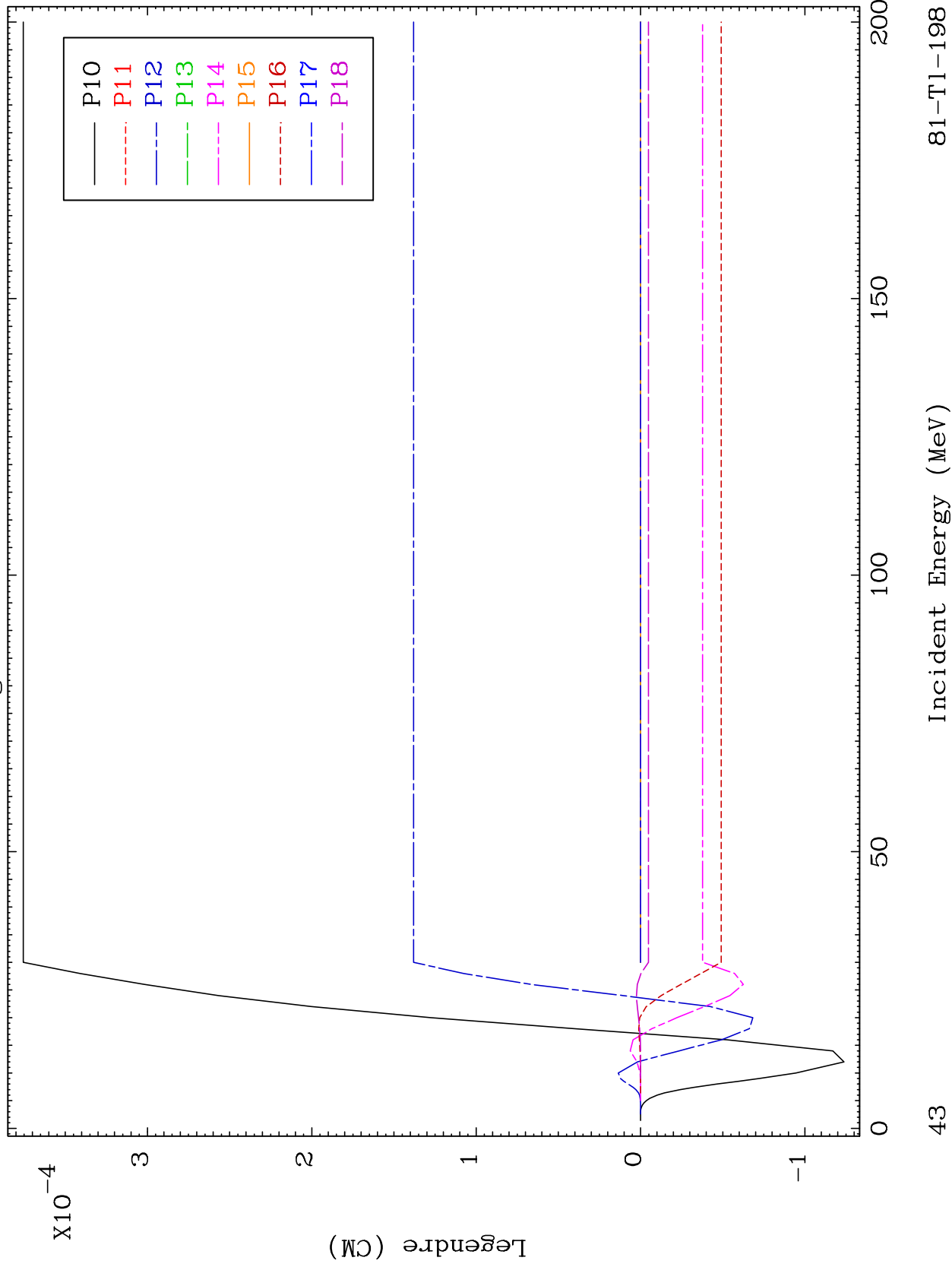
Incident Energy (MeV)

81-T1-198

MAT 8110

543.6 keV (n,n') Level  
Legendre Coefficients

81-T1-198

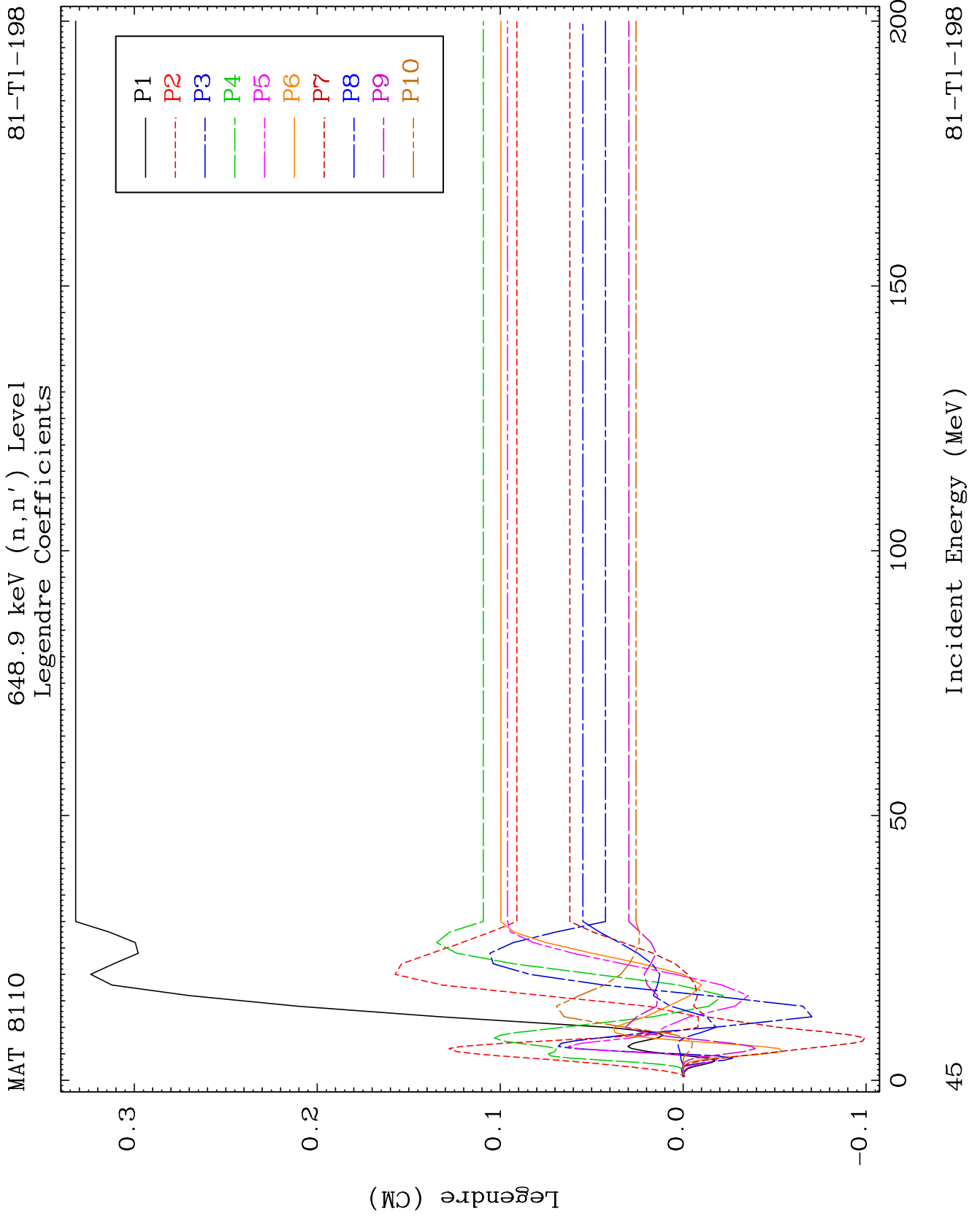


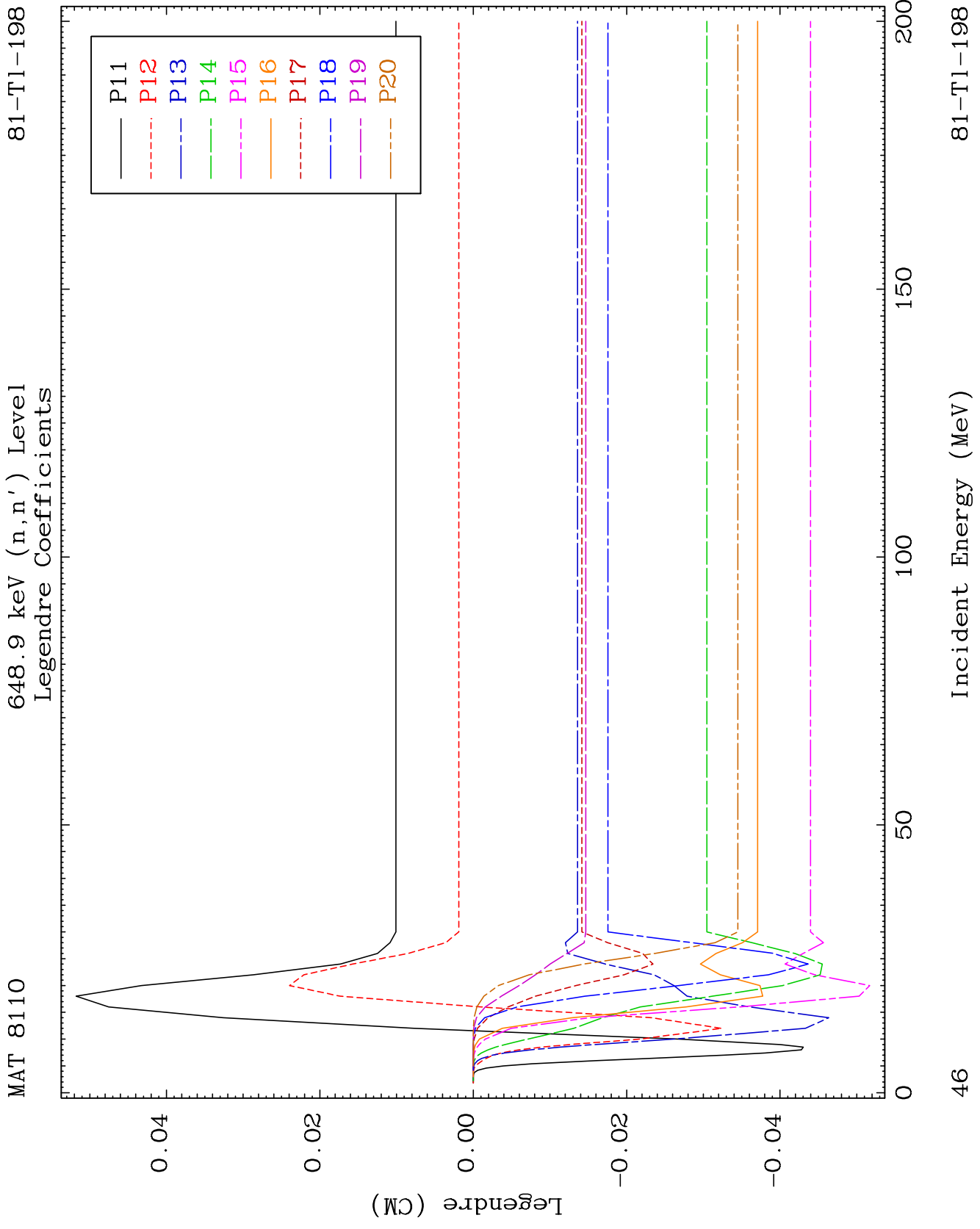
43

Incident Energy (MeV)

81-T1-198



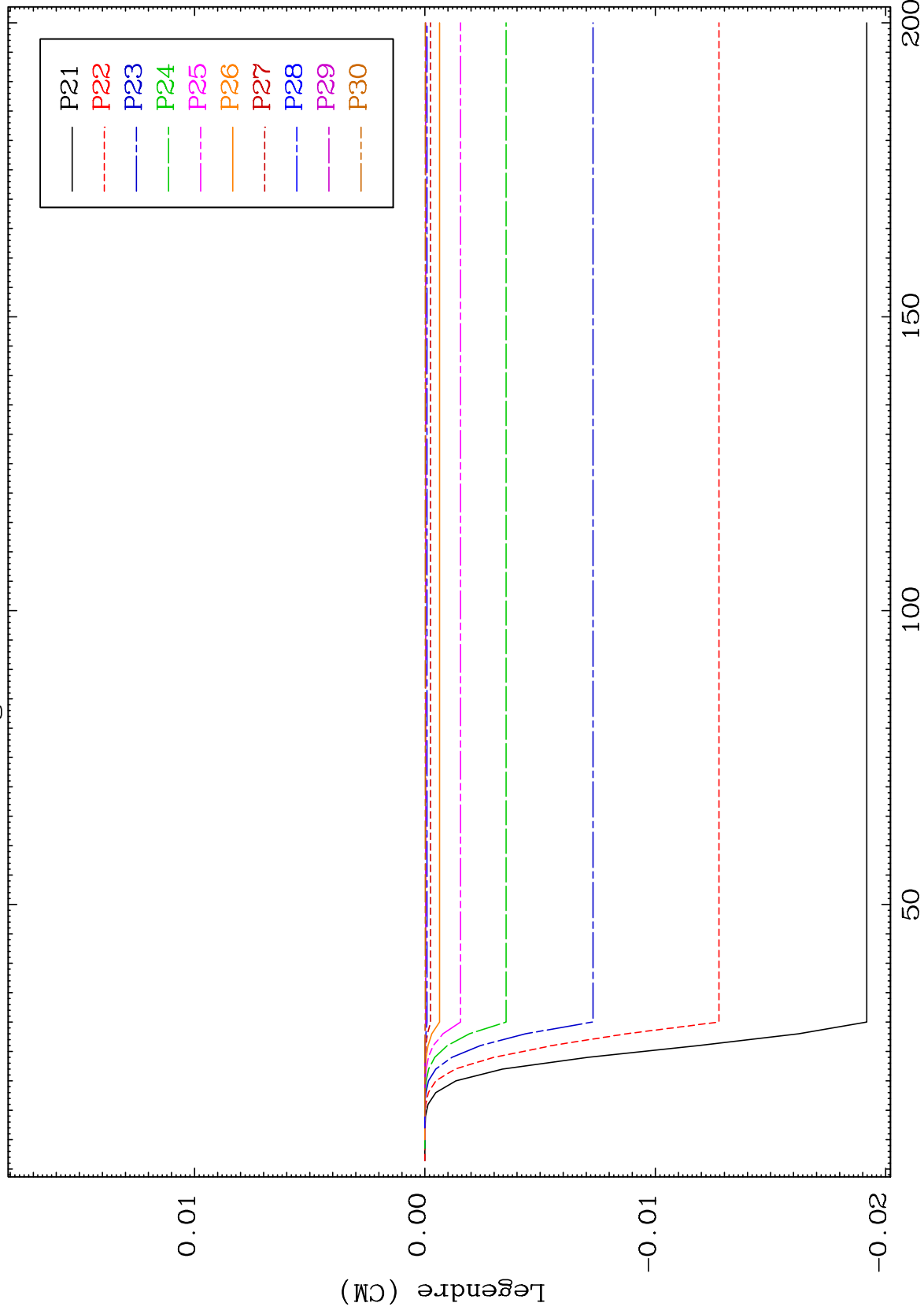




MAT 8110

648.9 keV (n,n') Level  
Legendre Coefficients

81-T1-198

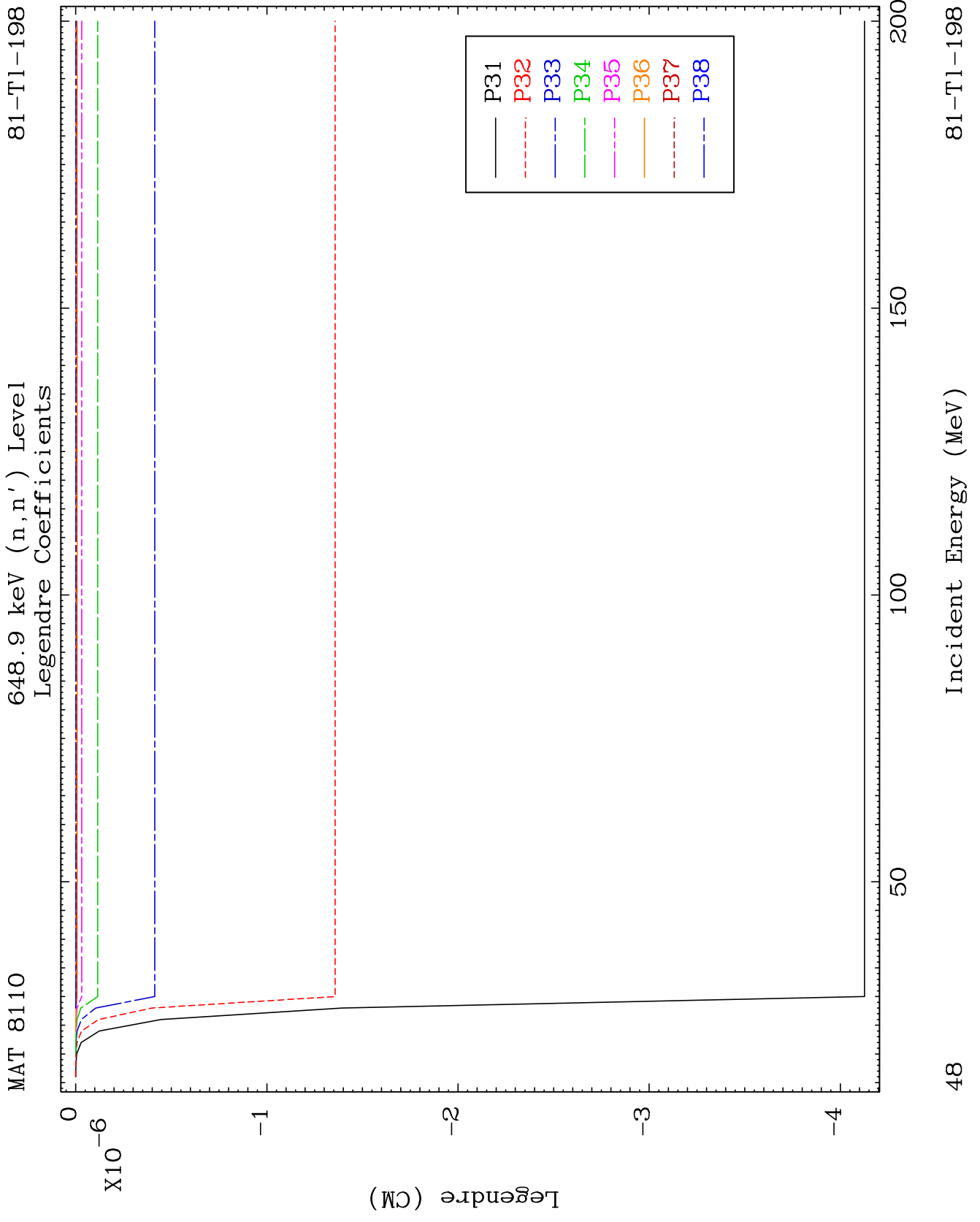


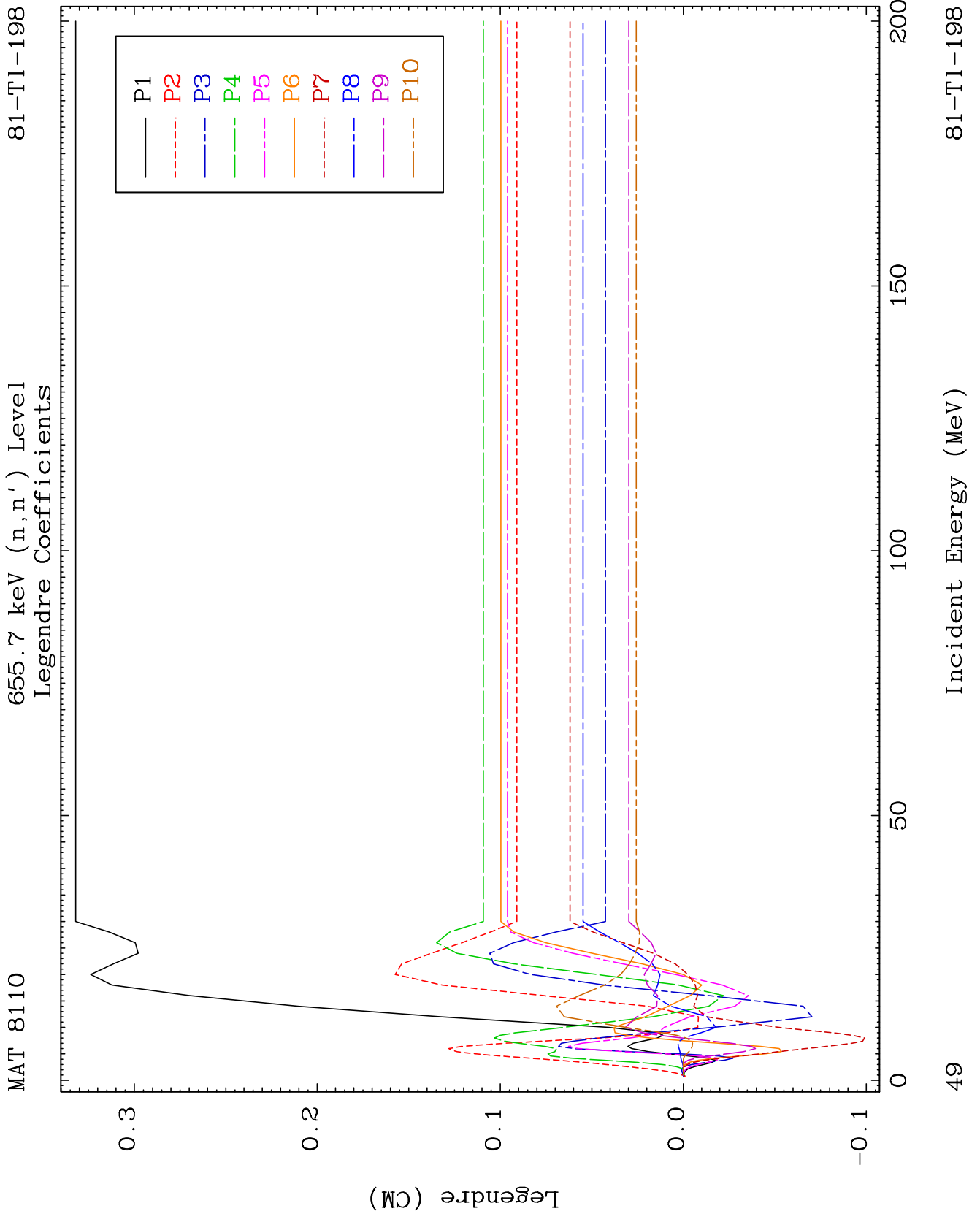
47

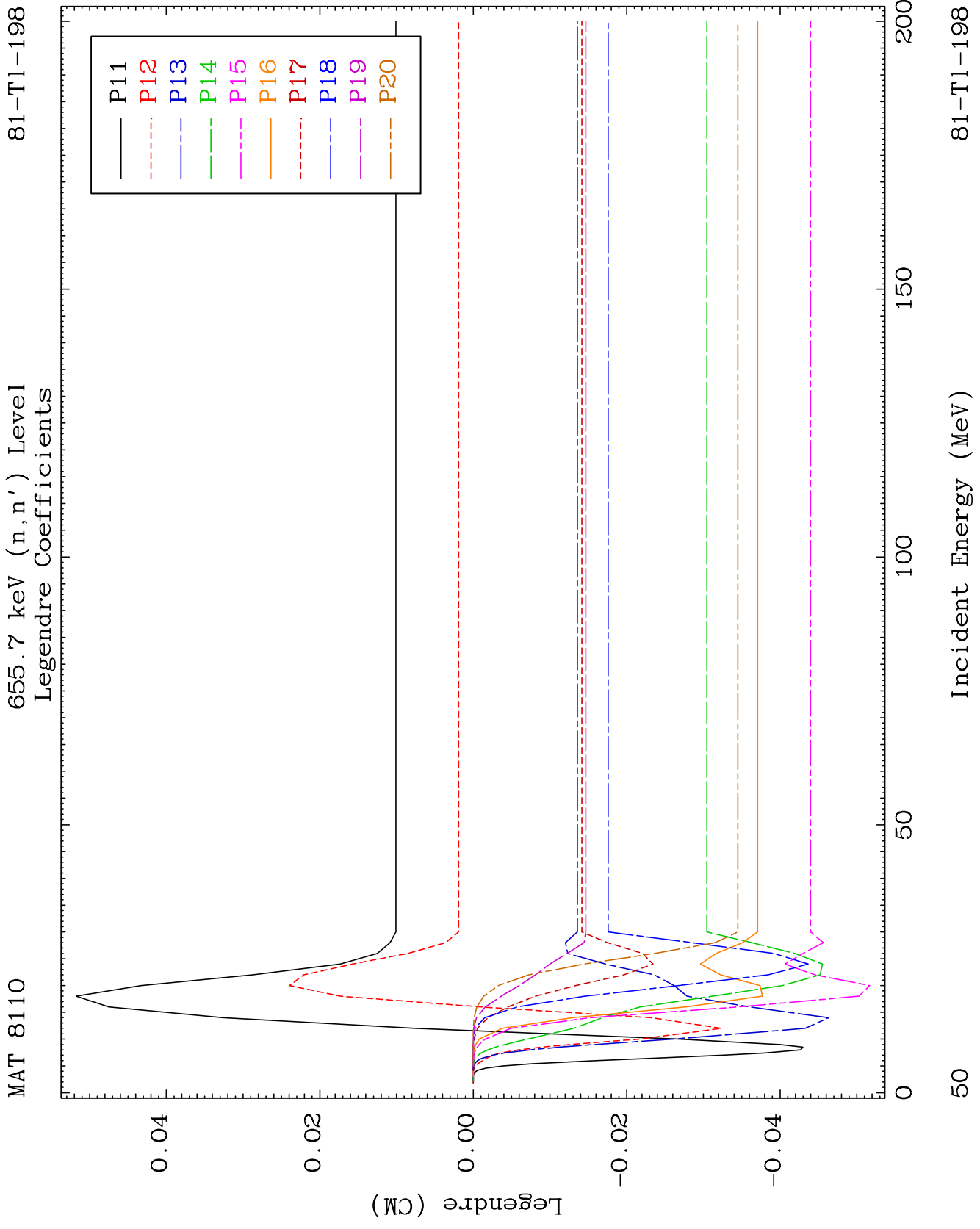
Incident Energy (MeV)

81-T1-198





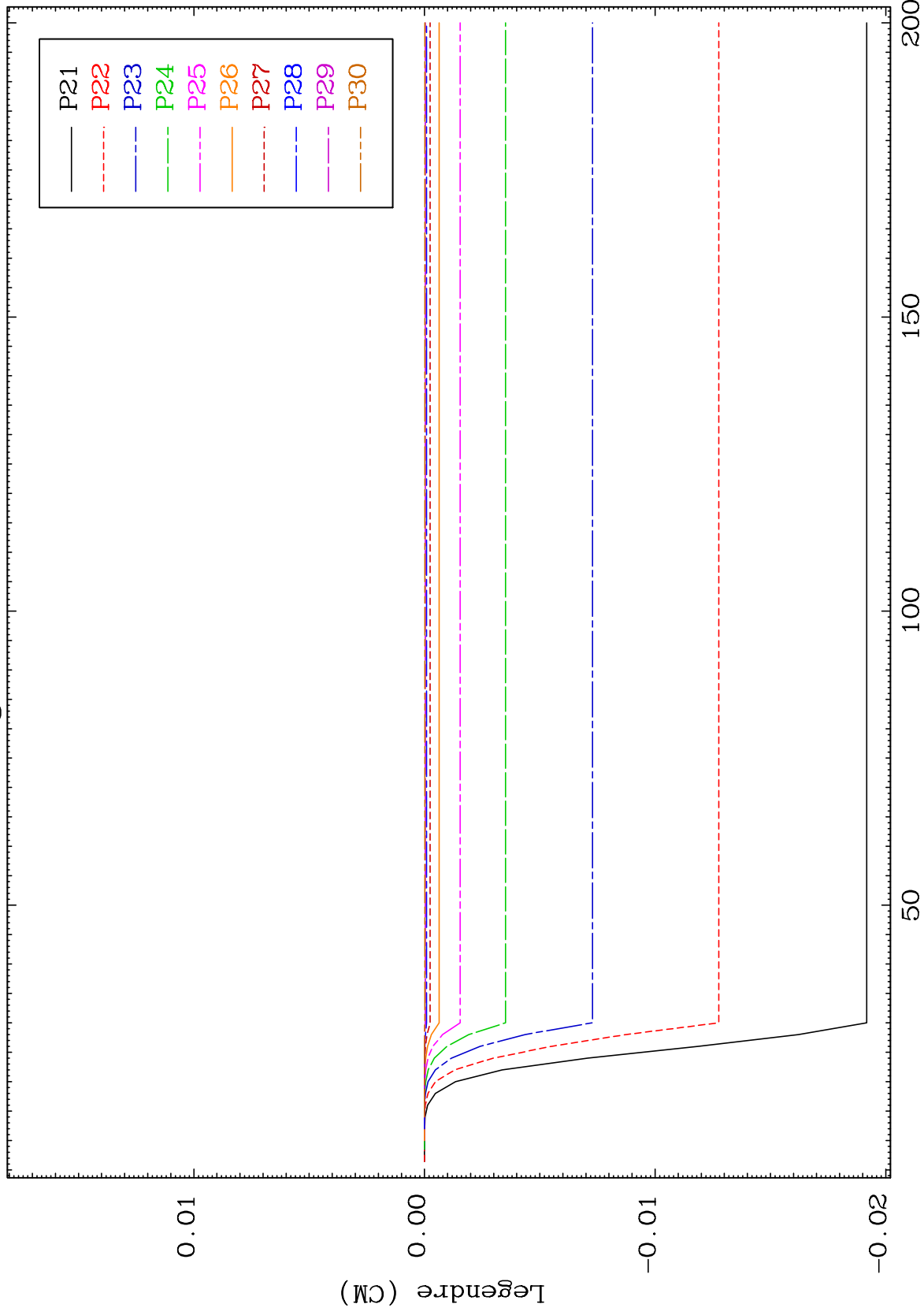




MAT 8110

655.7 keV (n,n') Level  
Legendre Coefficients

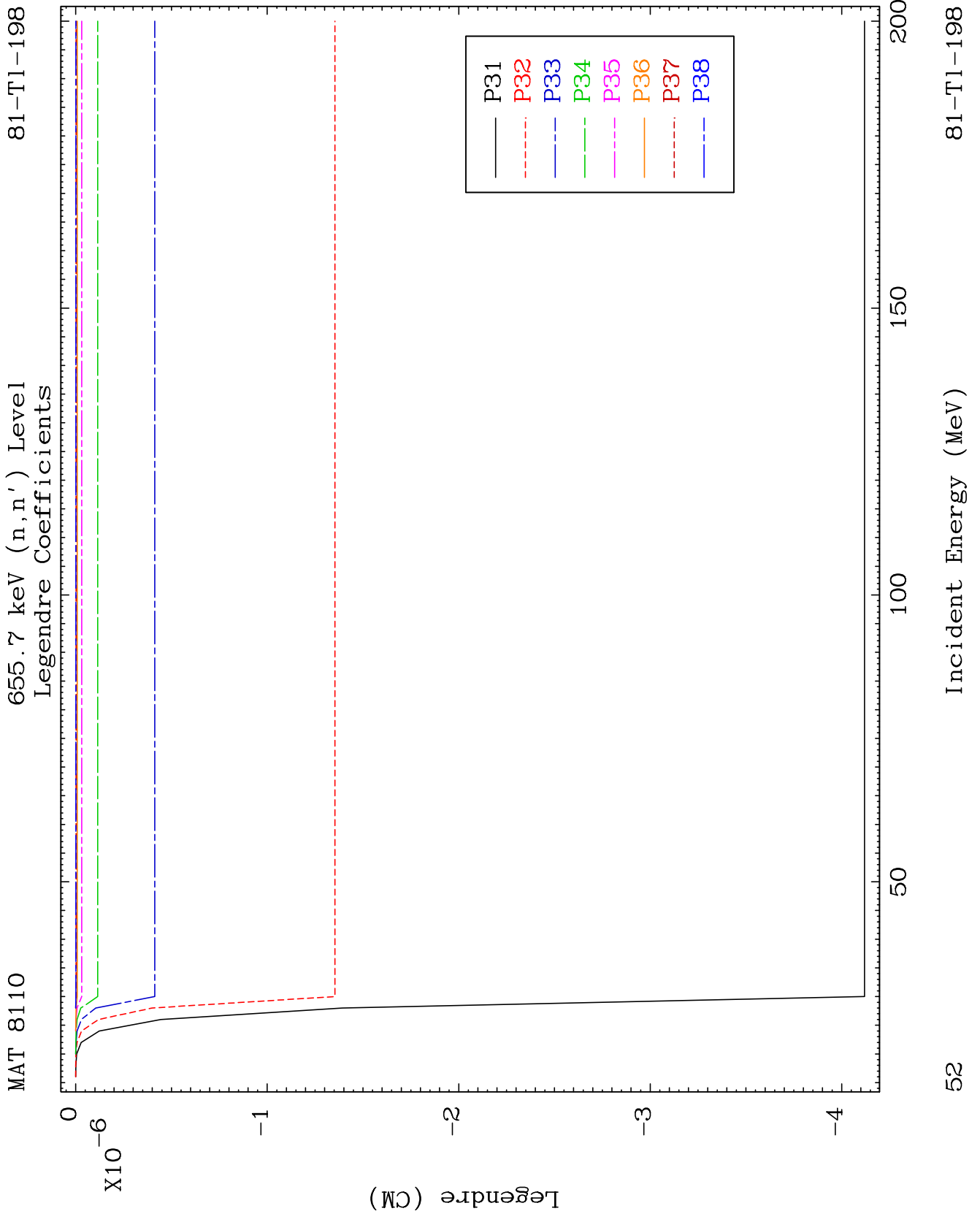
81-T1-198



51

Incident Energy (MeV)

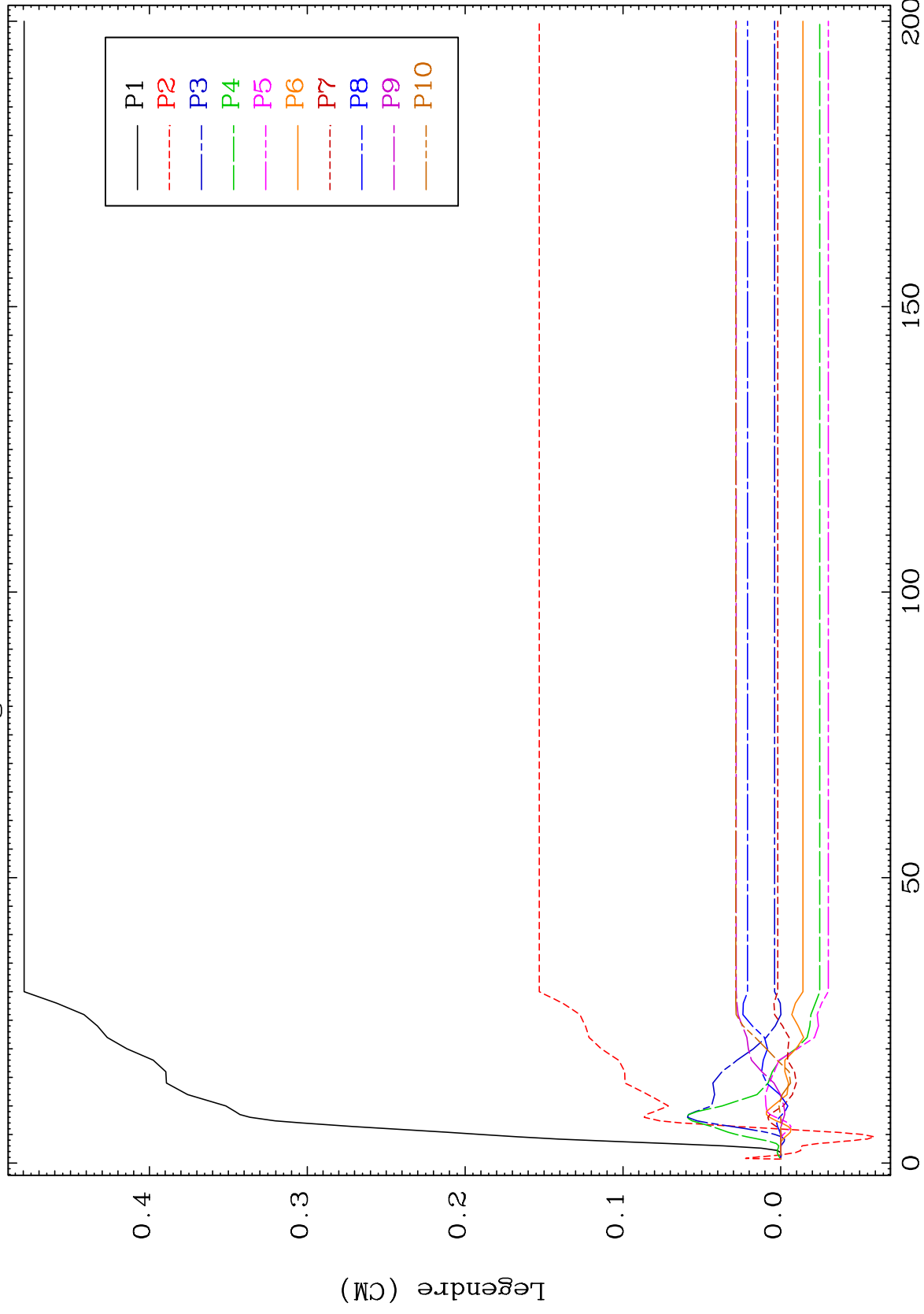
81-T1-198



MAT 8110

674.1 keV (n,n') Level  
Legendre Coefficients

81-T1-198



53

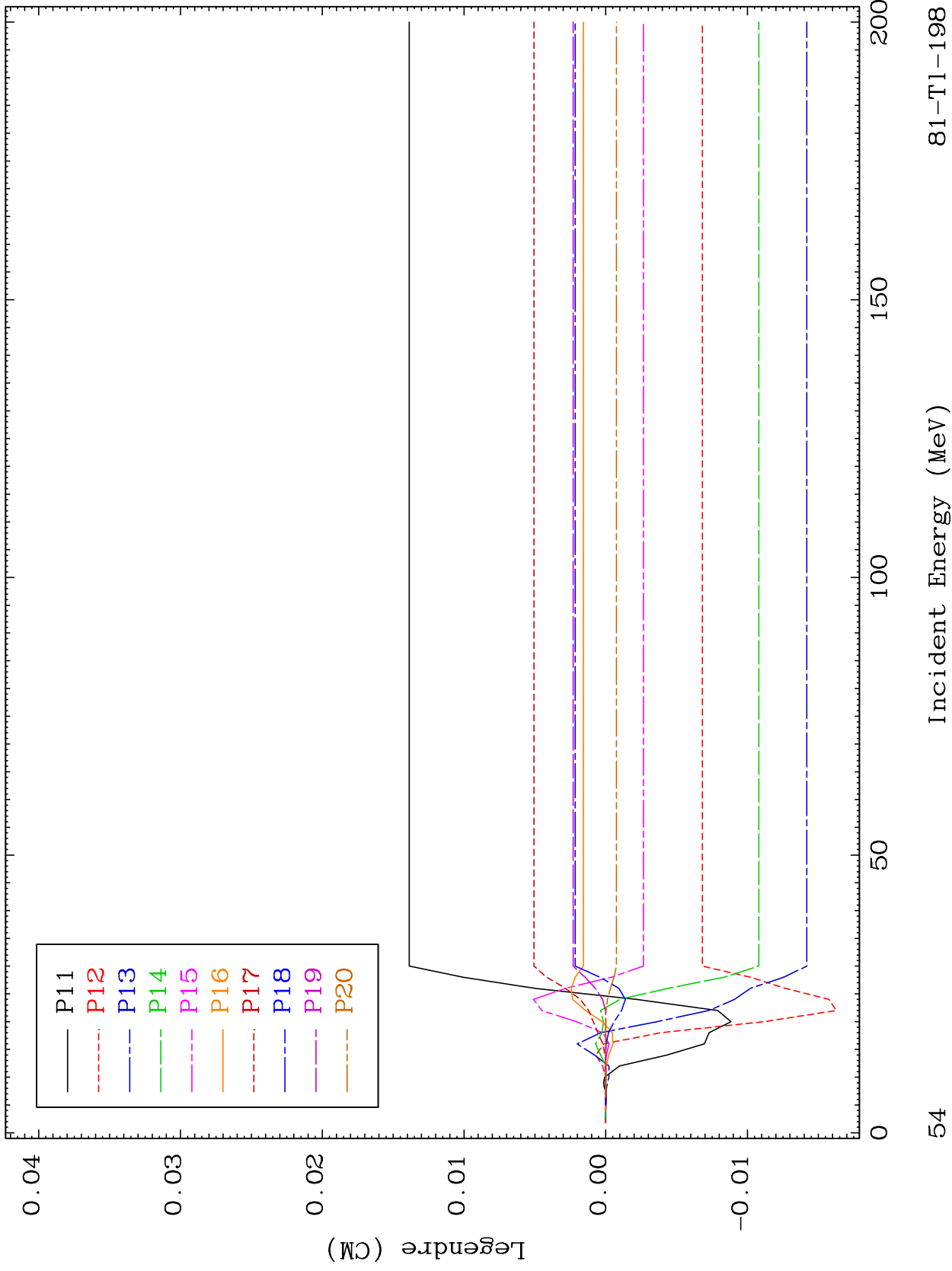
Incident Energy (MeV)

81-T1-198

MAT 8110

674.1 keV (n,n') Level  
Legendre Coefficients

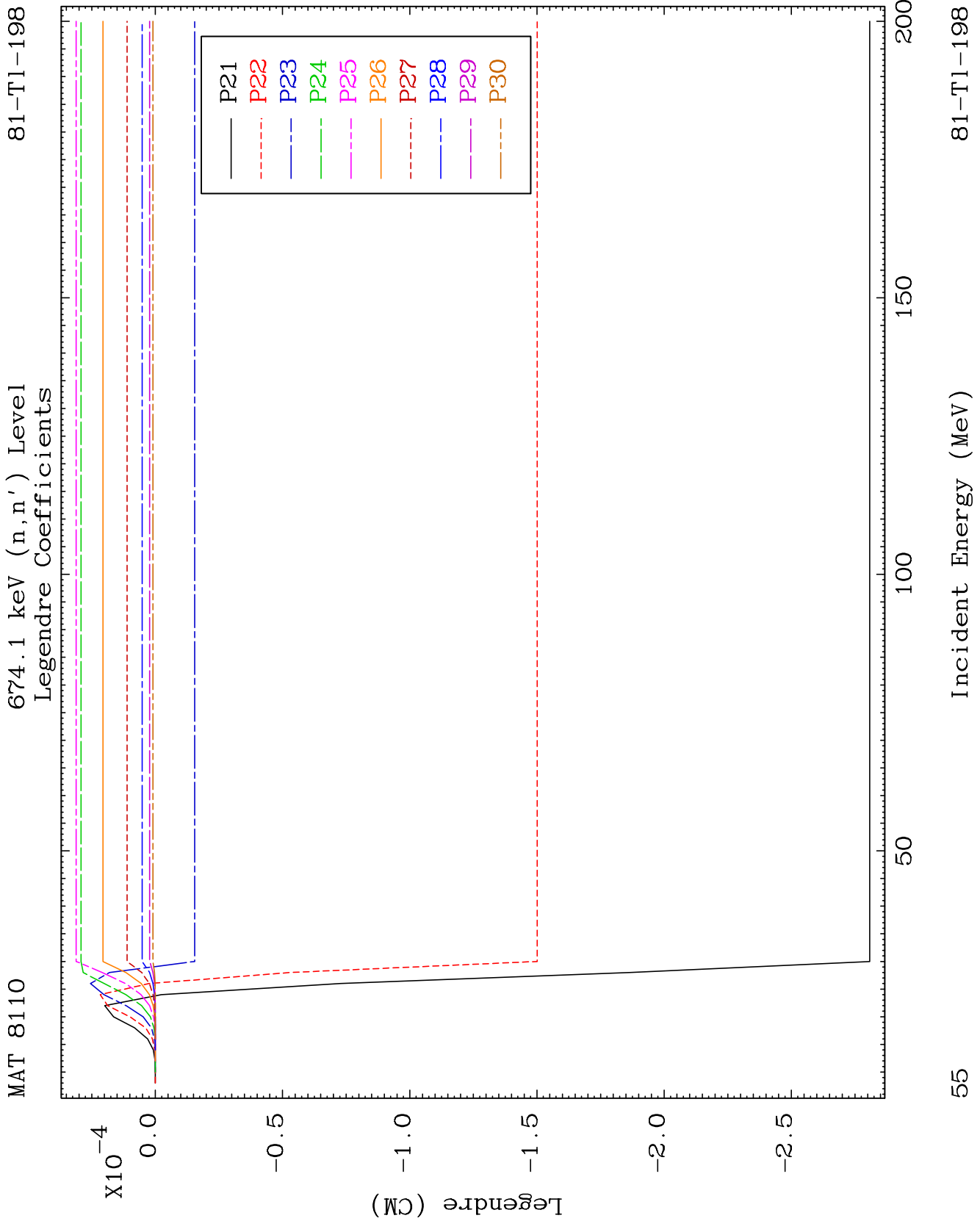
81-T1-198



54

Incident Energy (MeV)

81-T1-198

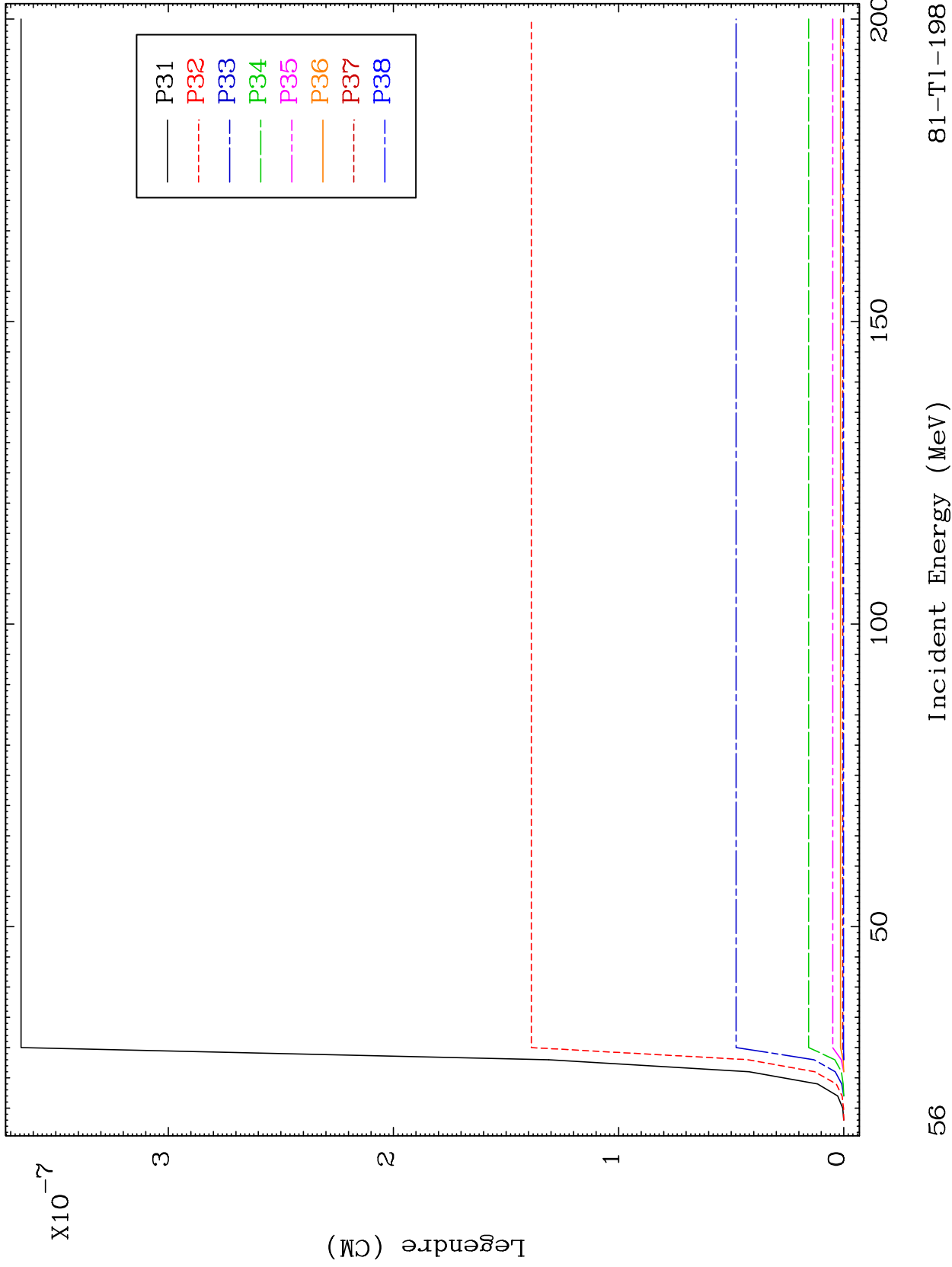




MAT 8110

674.1 keV (n,n') Level  
Legendre Coefficients

81-T1-198

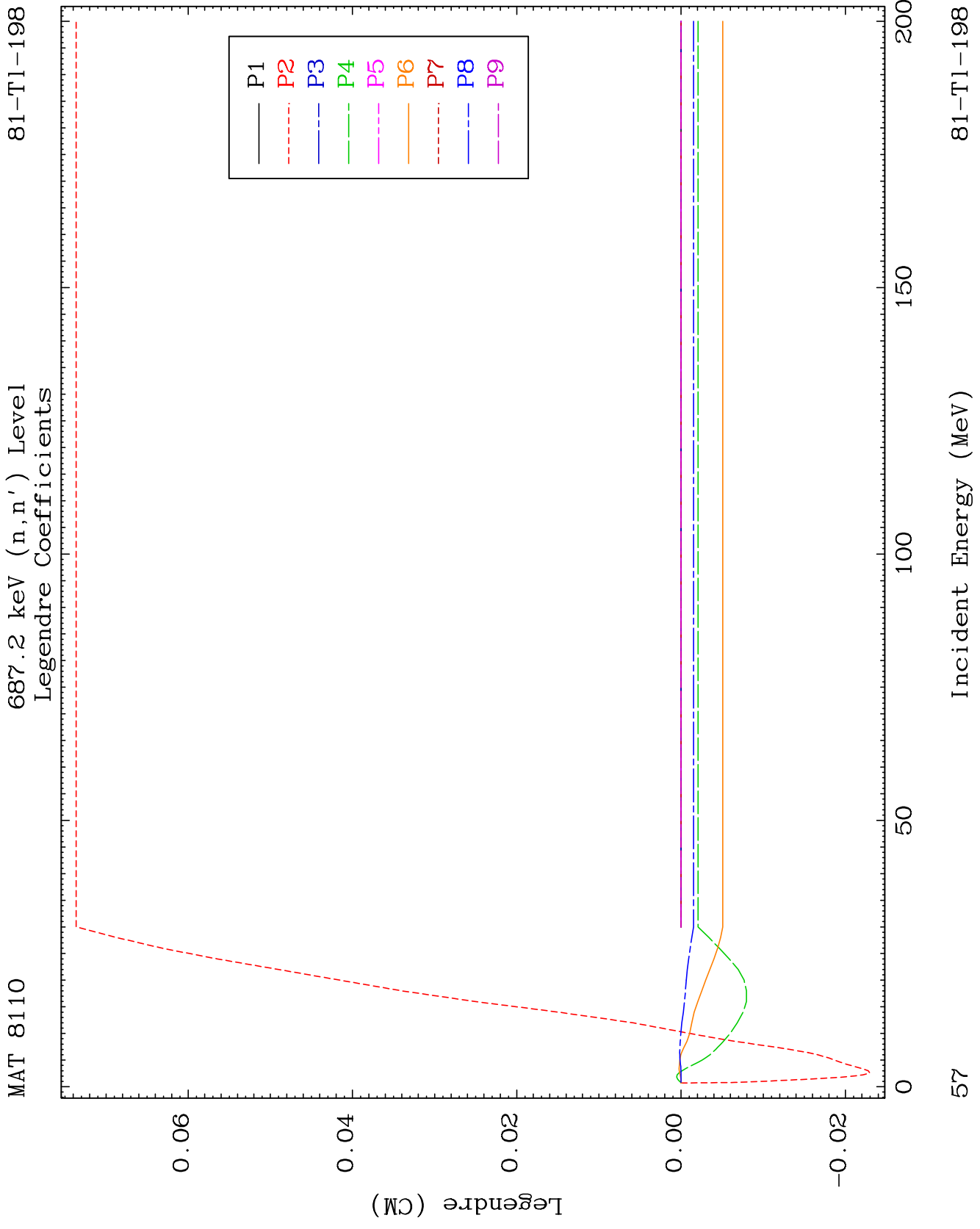


56

Incident Energy (MeV)

150

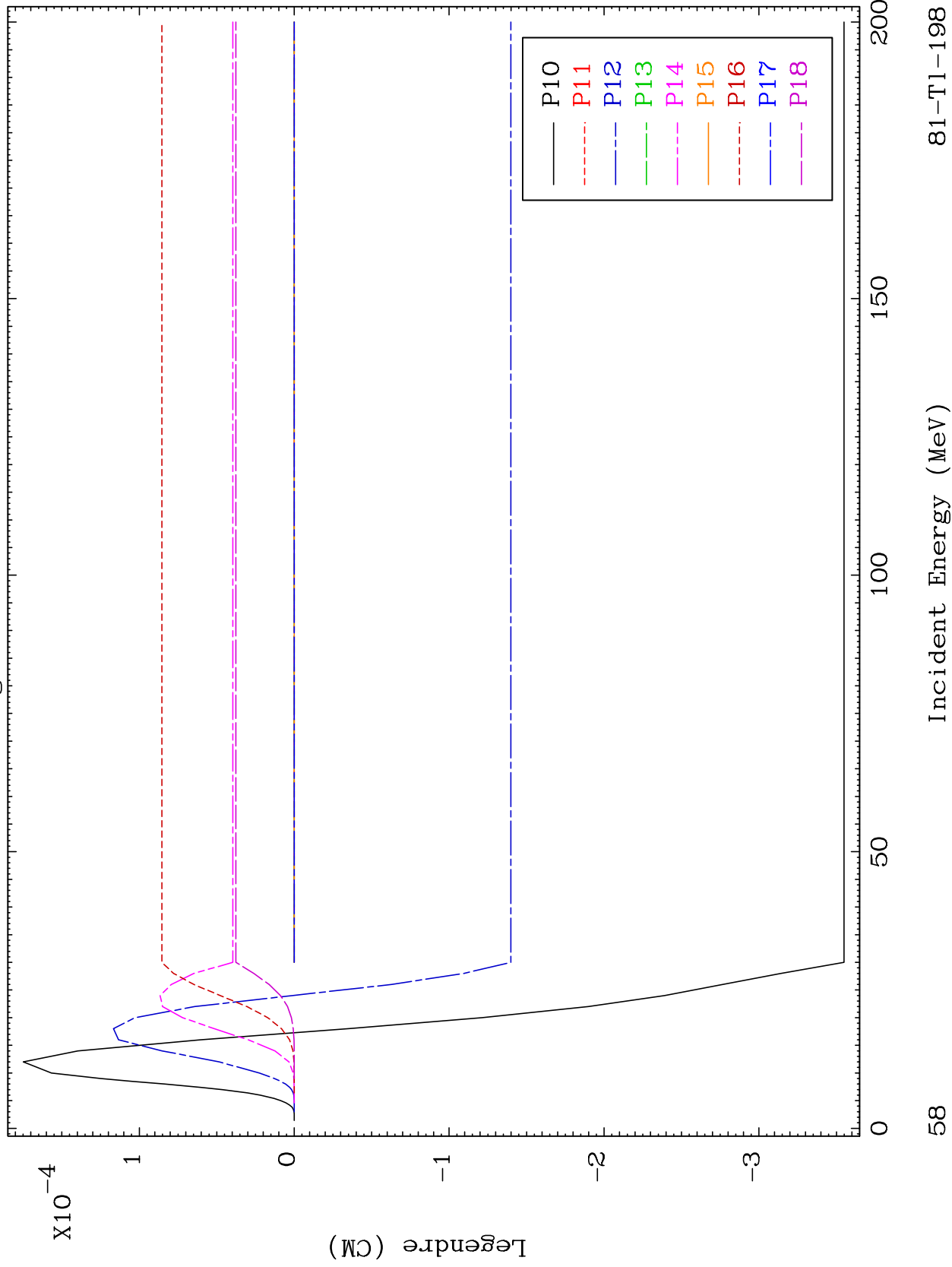
81-T1-198

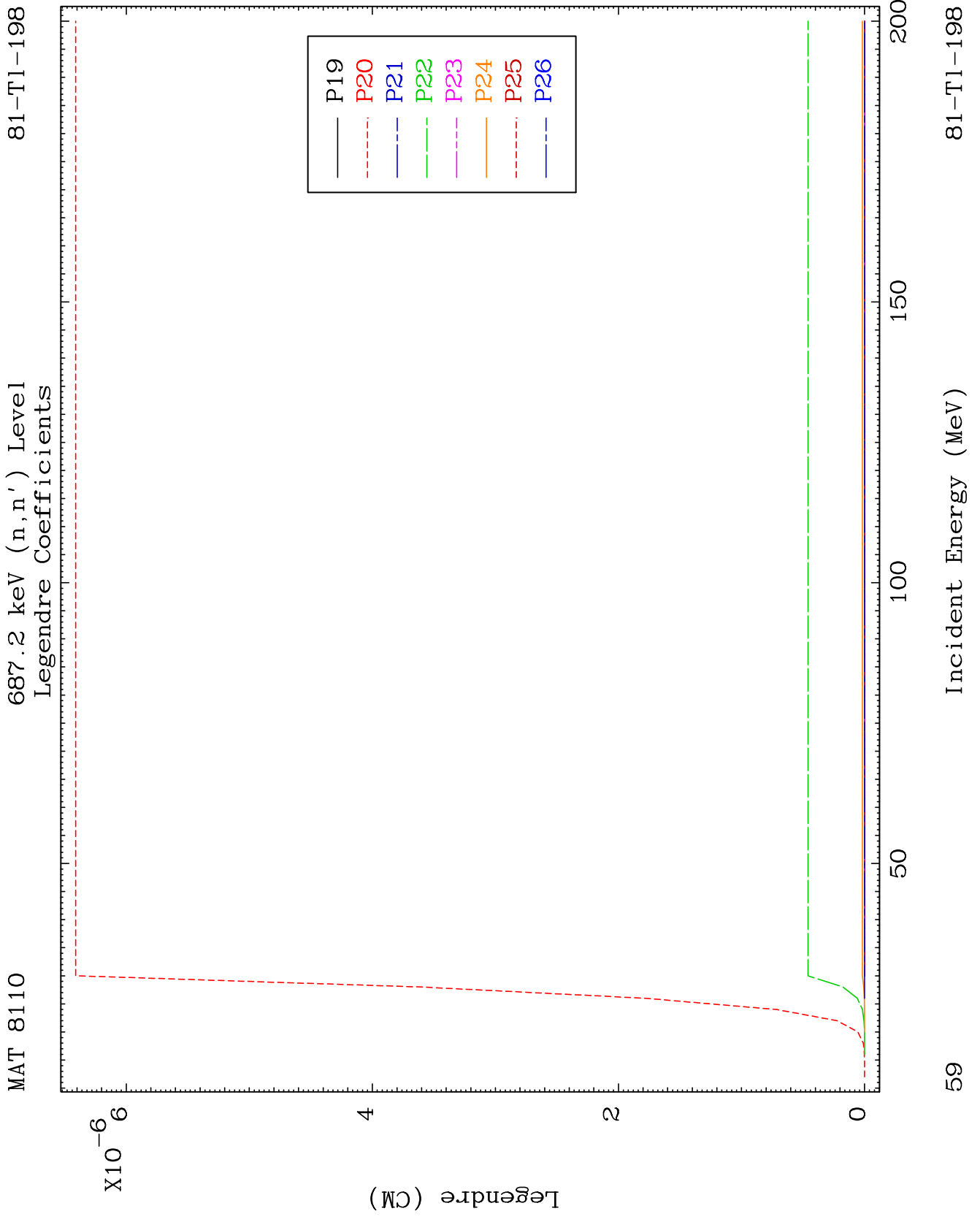


MAT 8110

687.2 keV (n,n') Level  
Legendre Coefficients

81-Tl-198



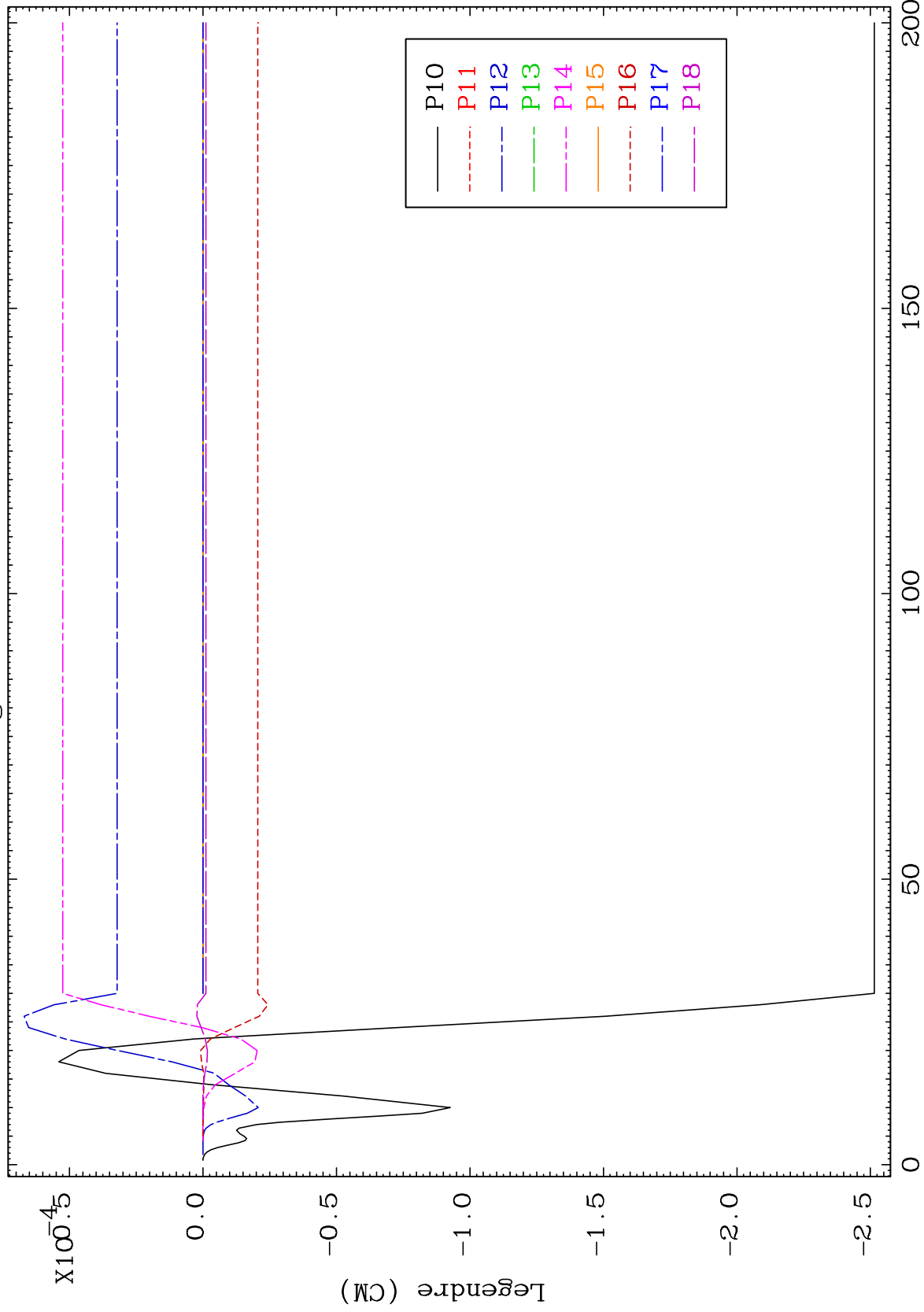




MAT 8110

742.4 keV (n,n') Level  
Legendre Coefficients

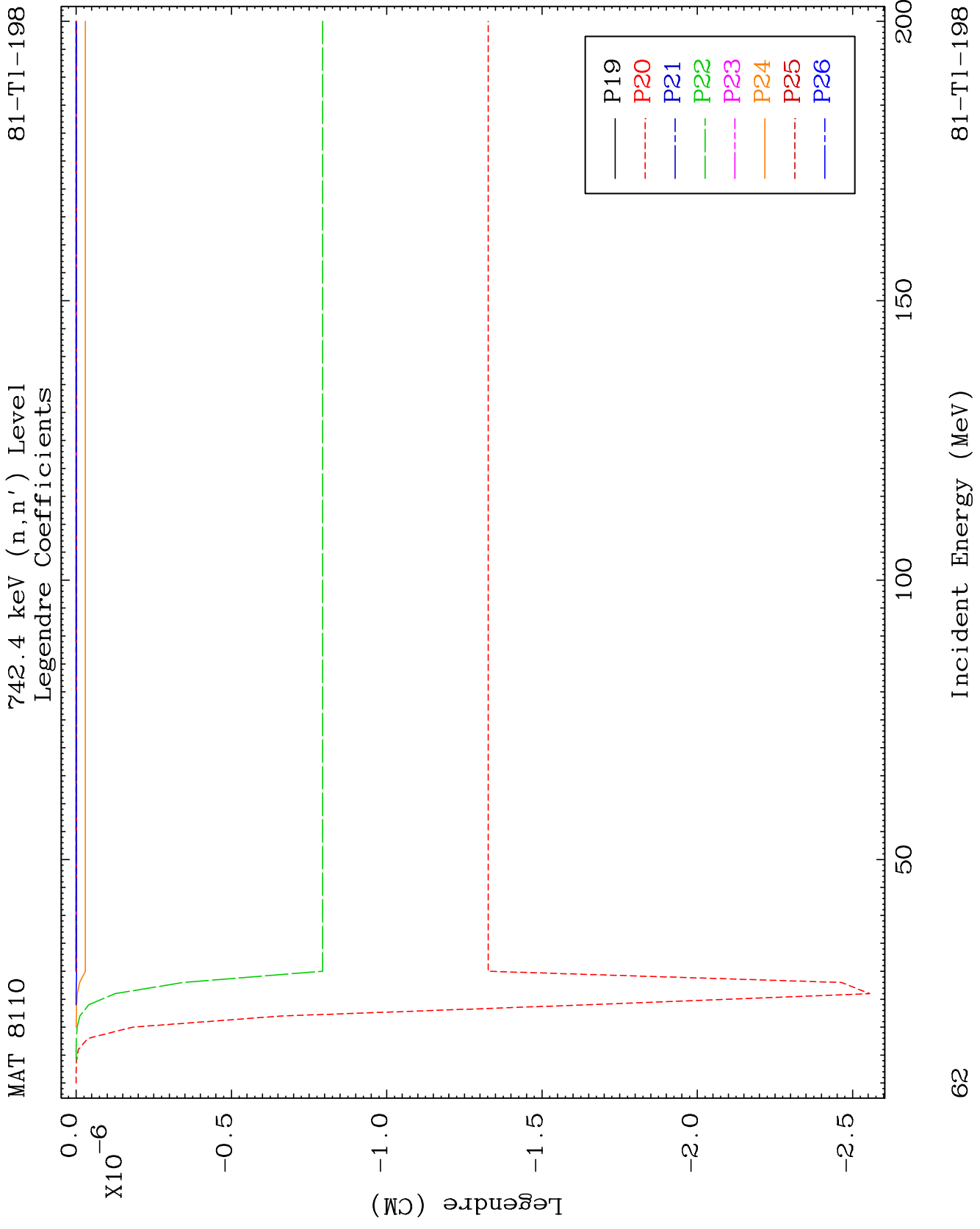
81-T1-198

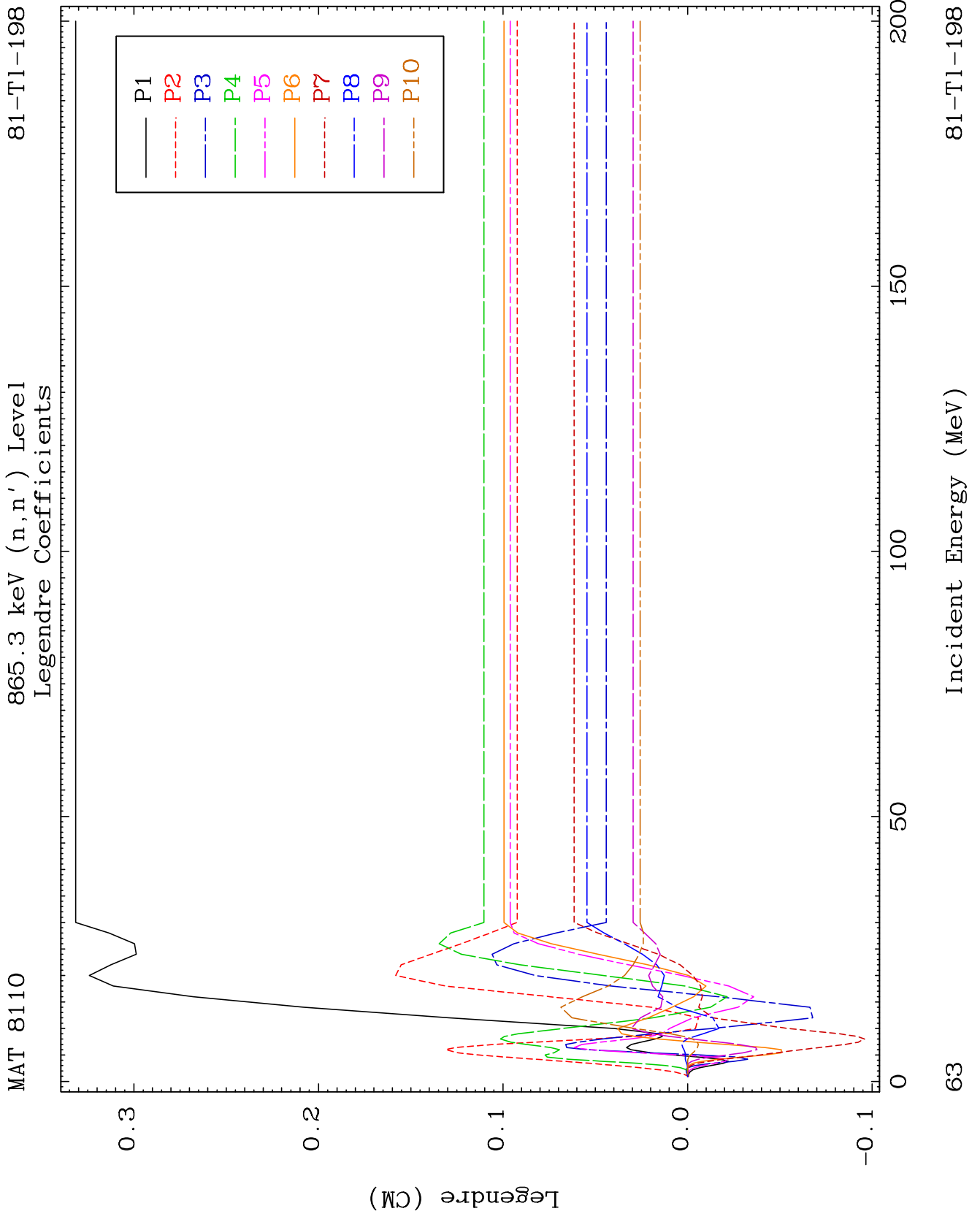


61

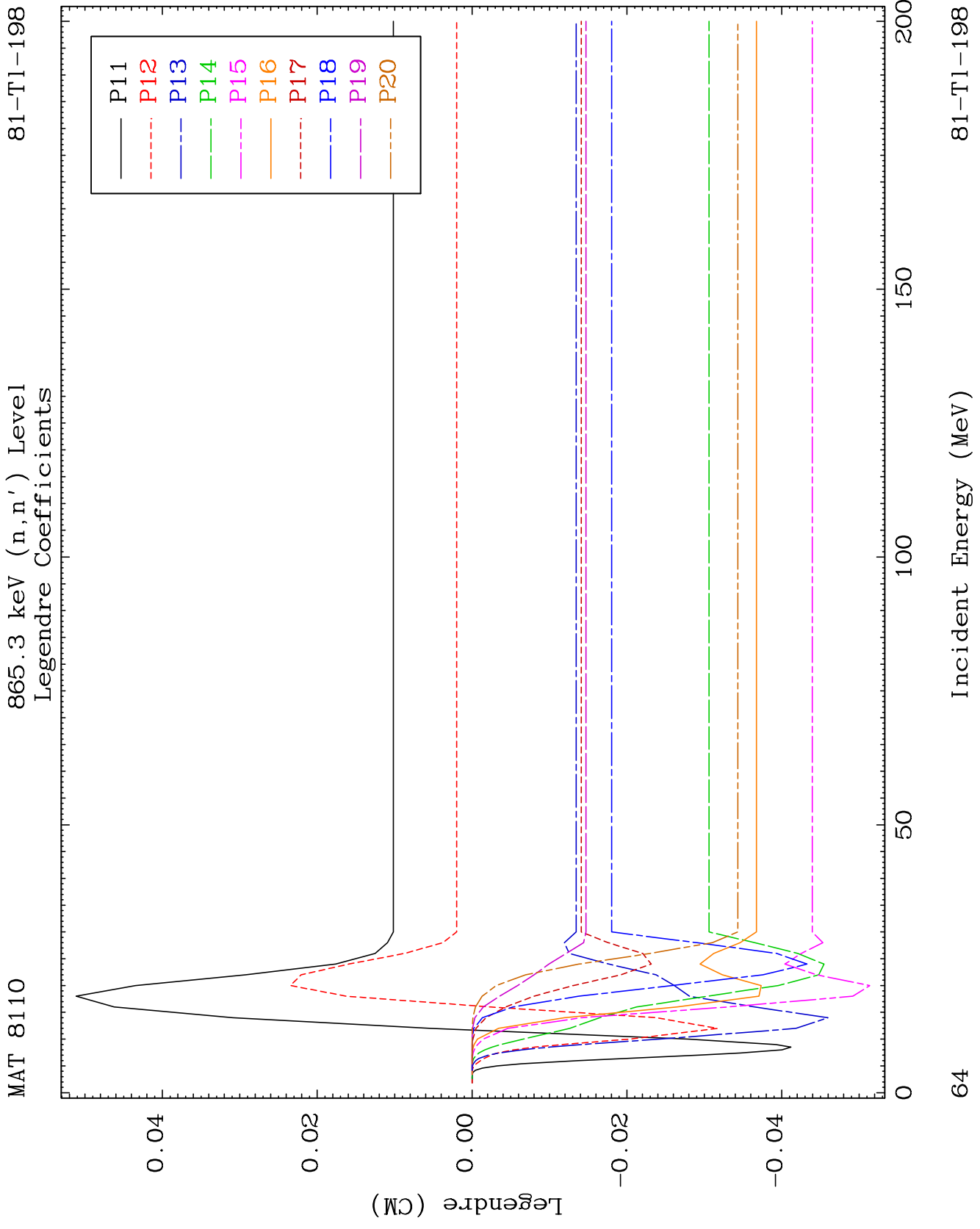
Incident Energy (MeV)

81-T1-198





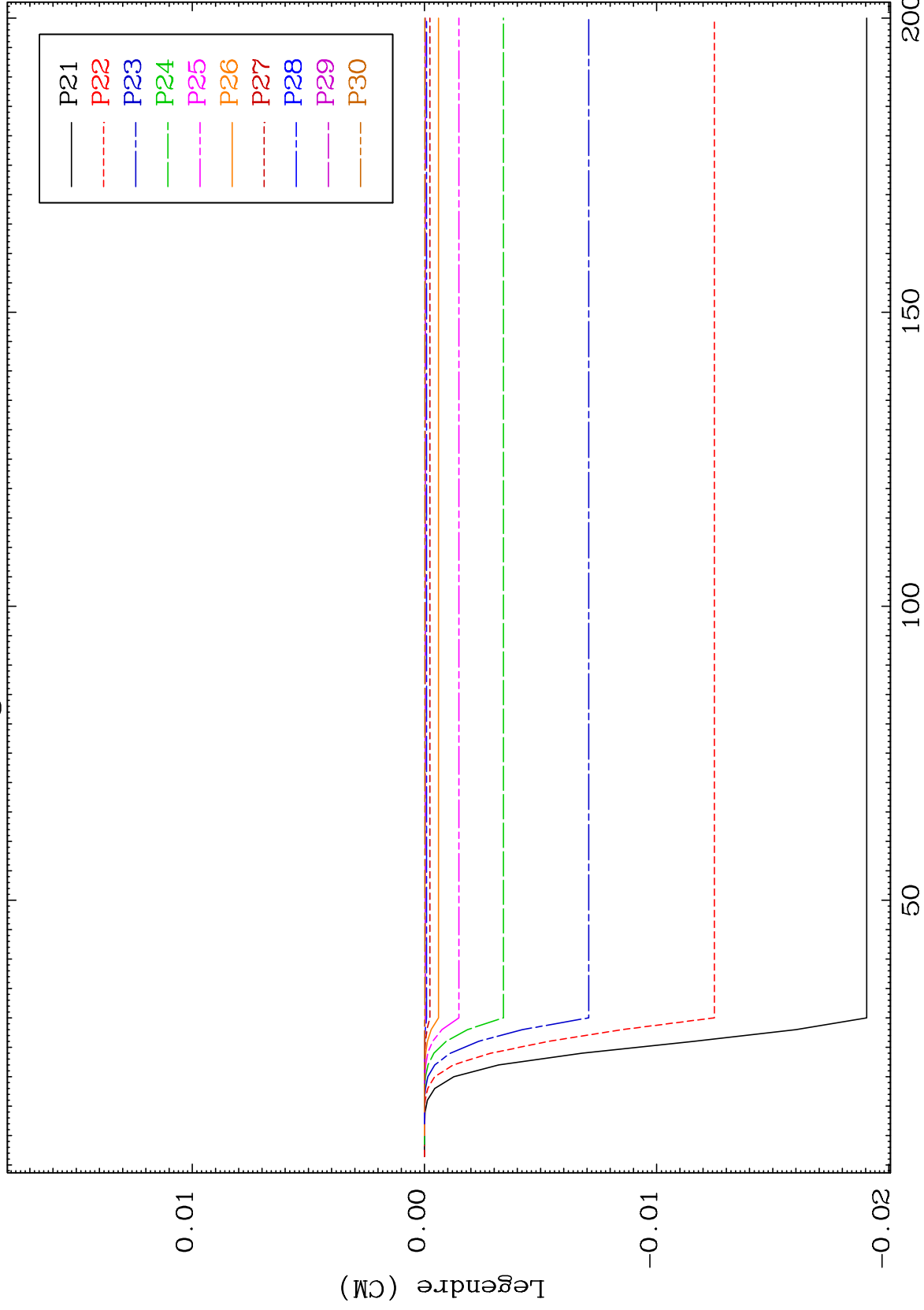




MAT 8110

865.3 keV (n,n') Level  
Legendre Coefficients

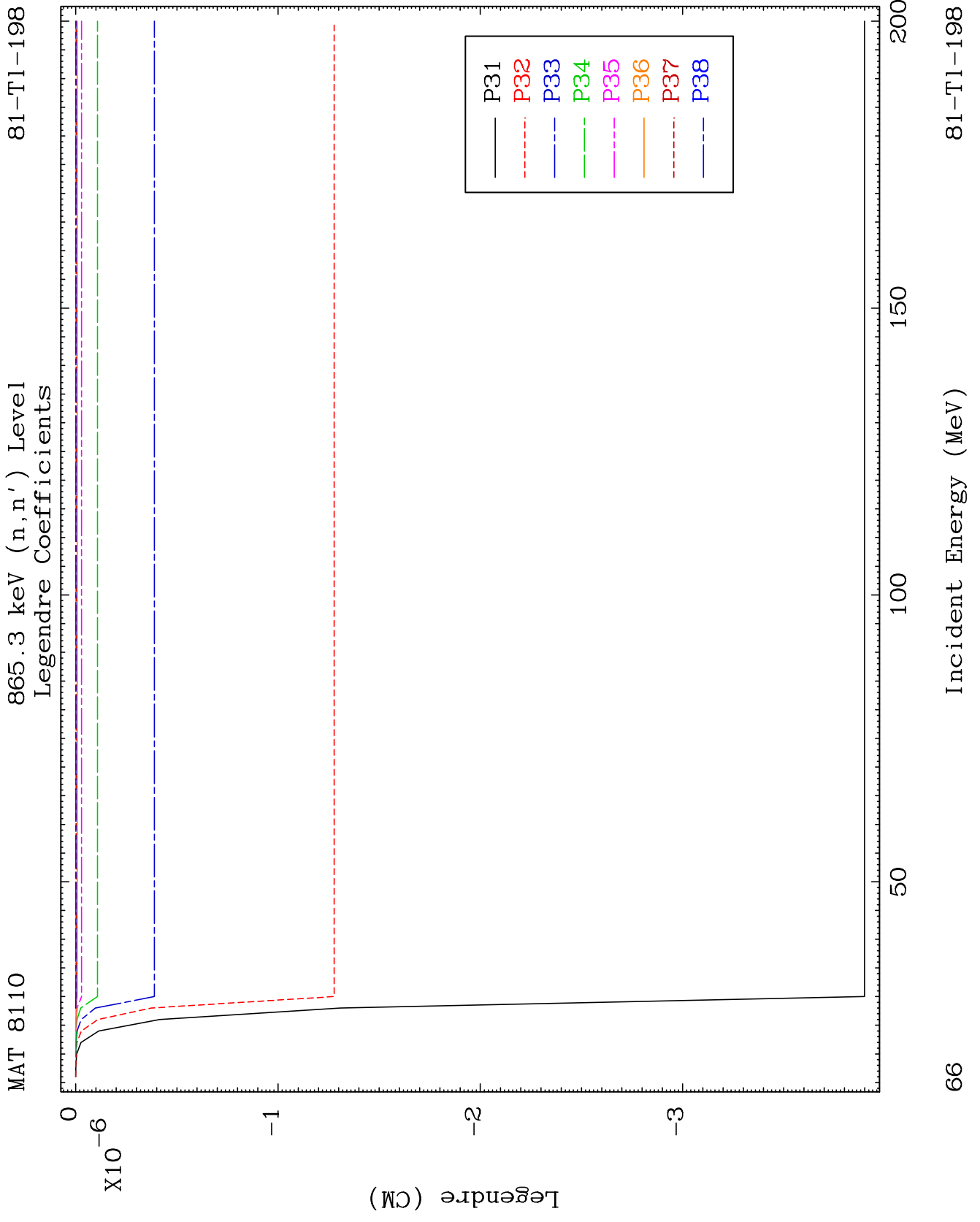
81-T1-198



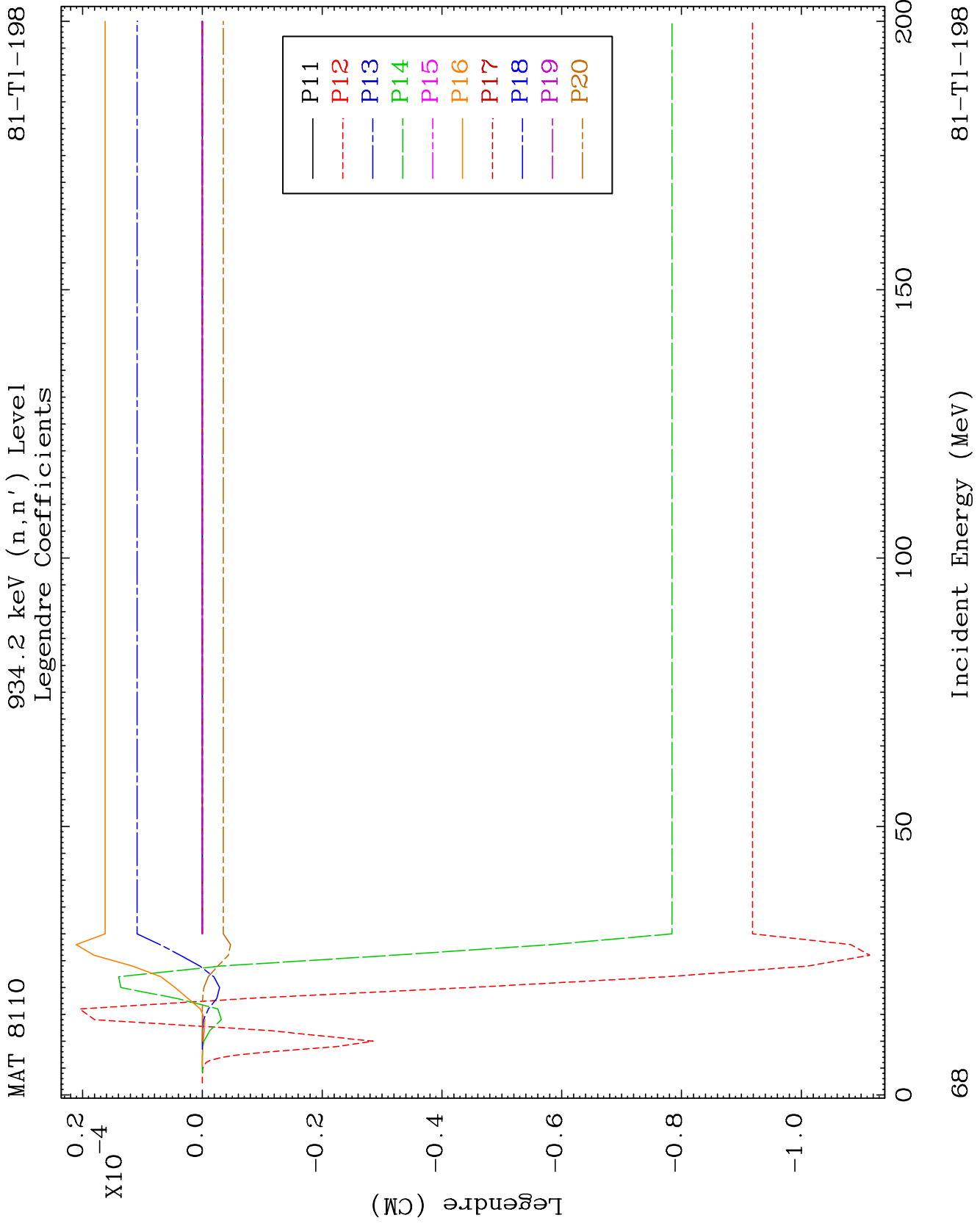
65

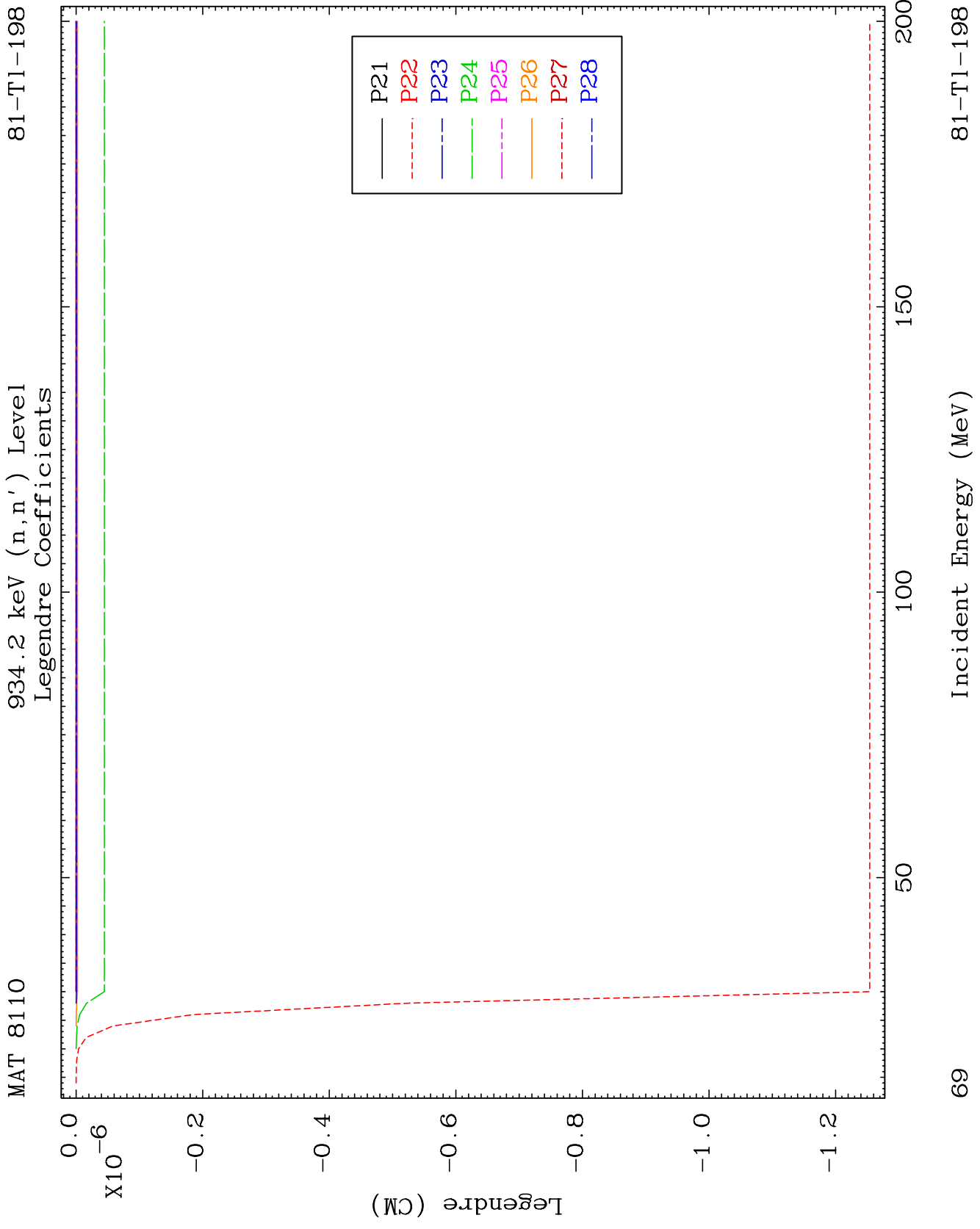
Incident Energy (MeV)

81-T1-198





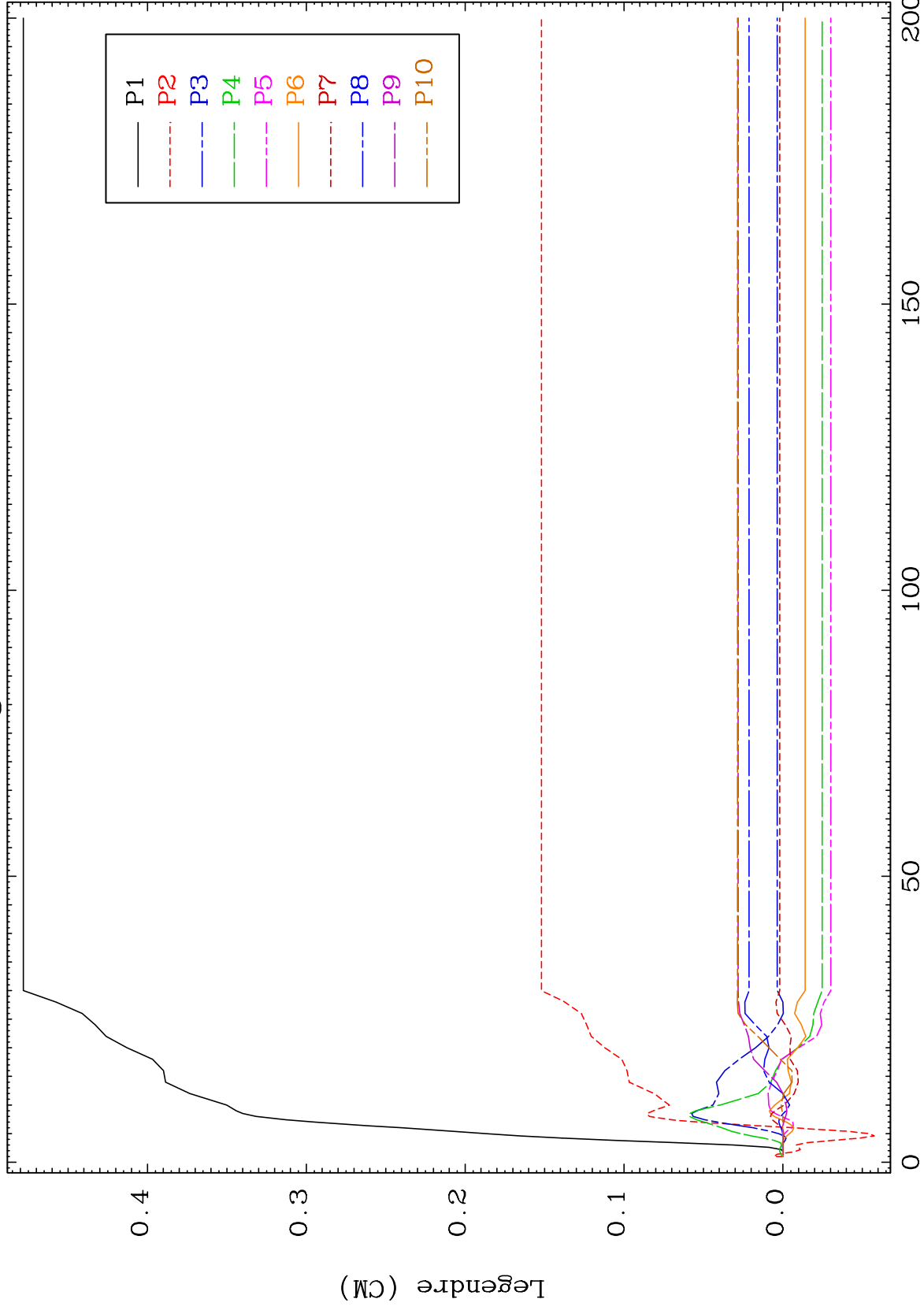




MAT 8110

966.2 keV (n,n') Level  
Legendre Coefficients

81-T1-198



81-T1-198

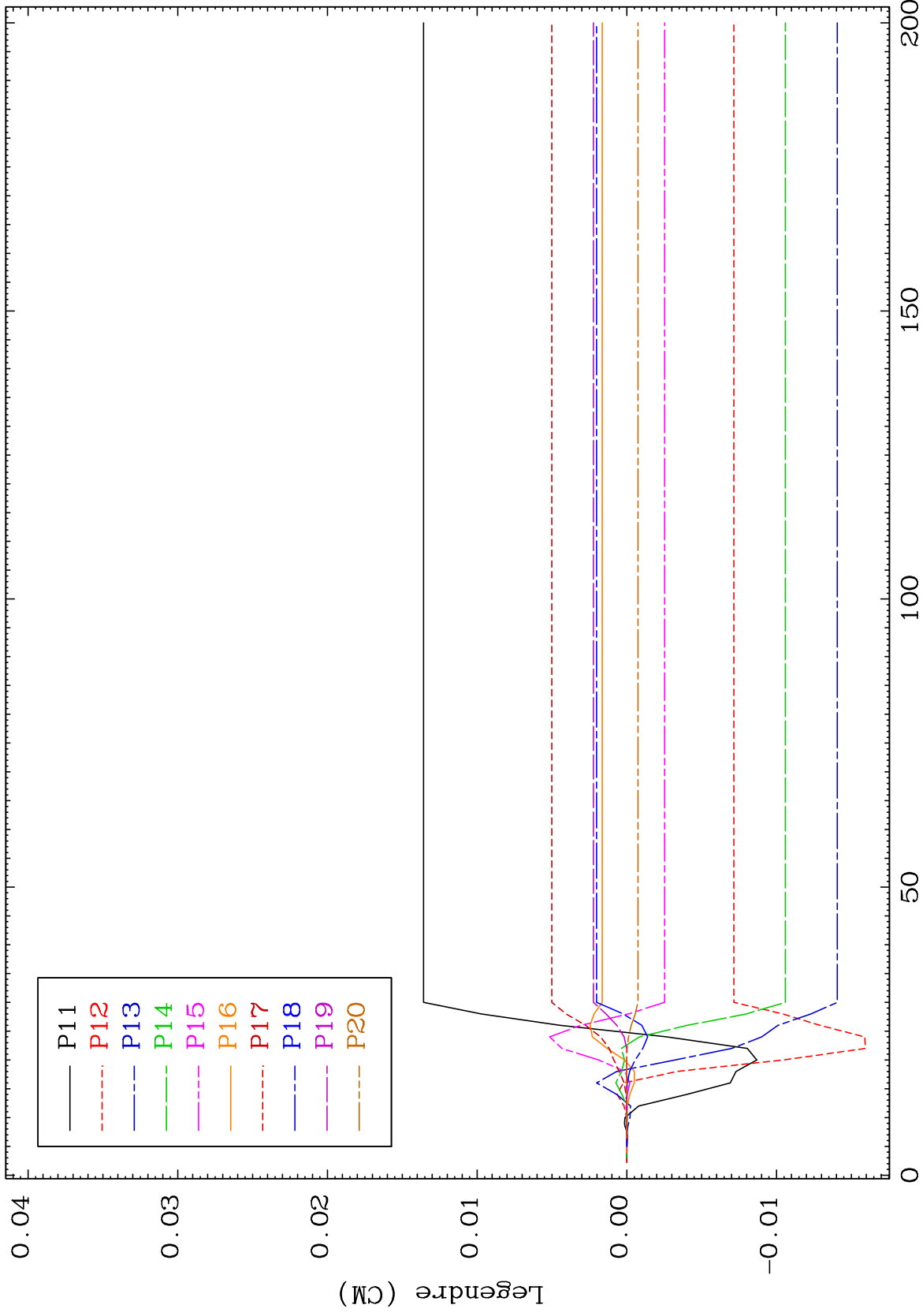
Incident Energy (MeV)

70

MAT 8110

966.2 keV (n,n') Level  
Legendre Coefficients

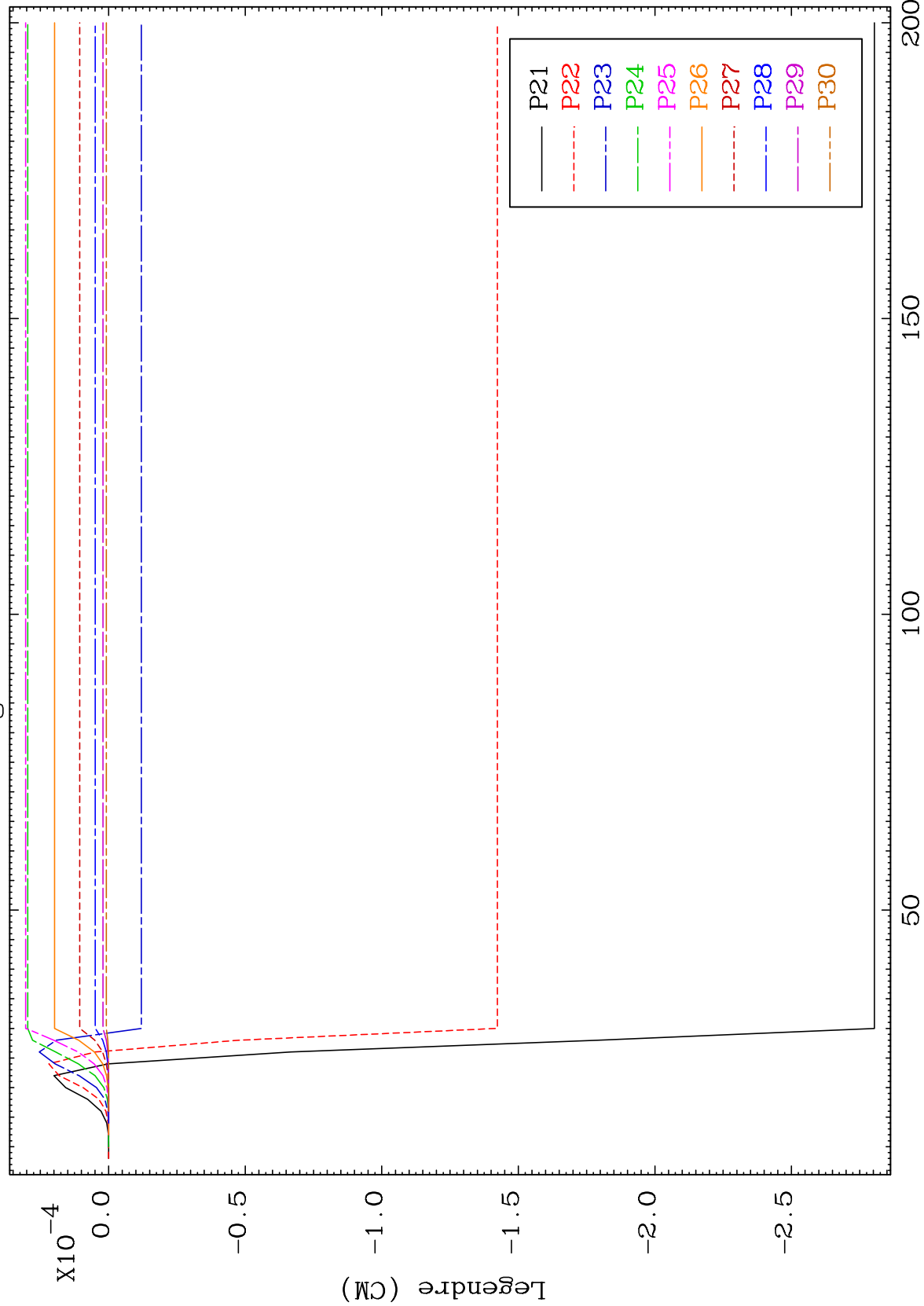
81-T1-198



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81-T1-198

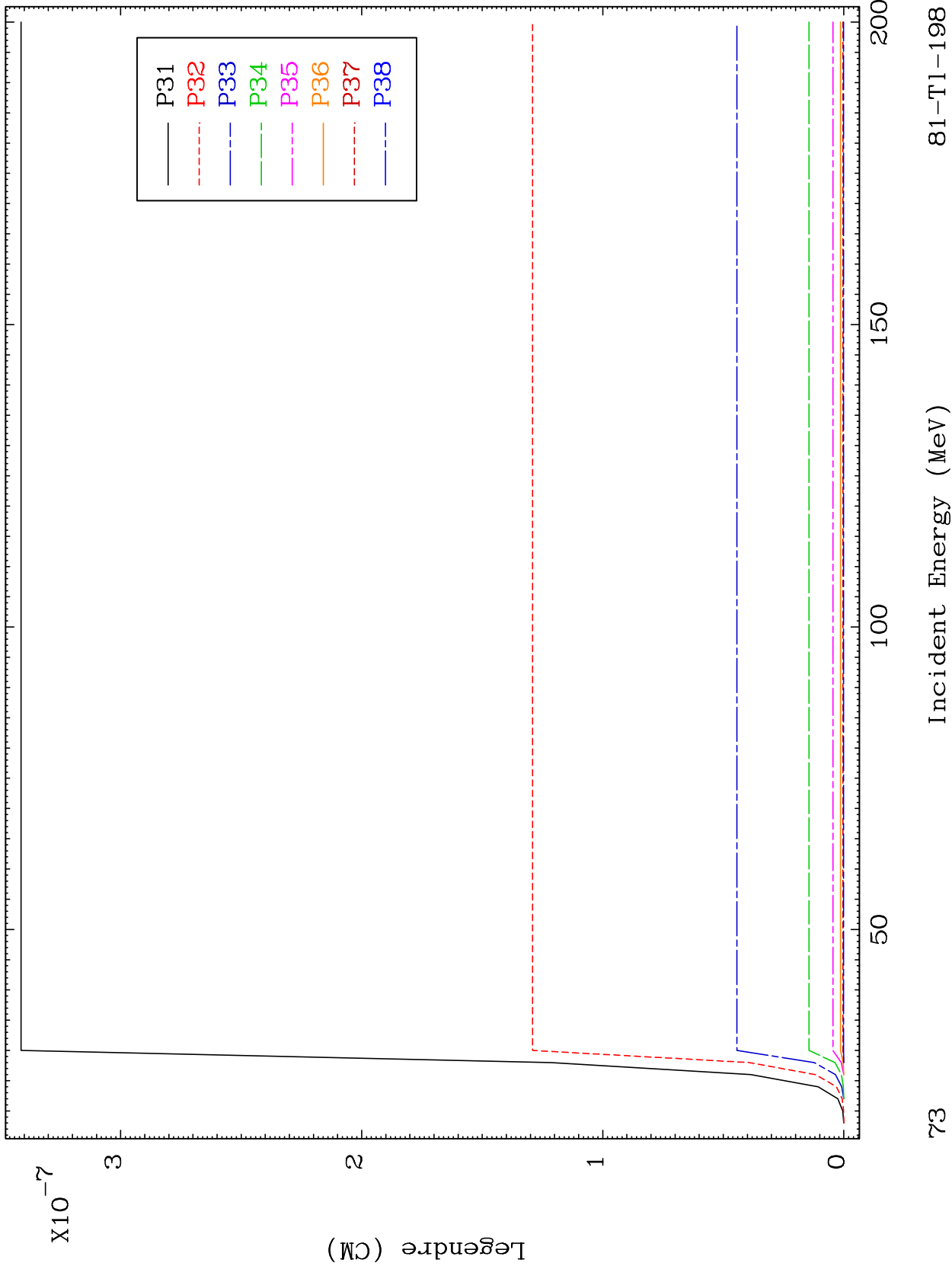


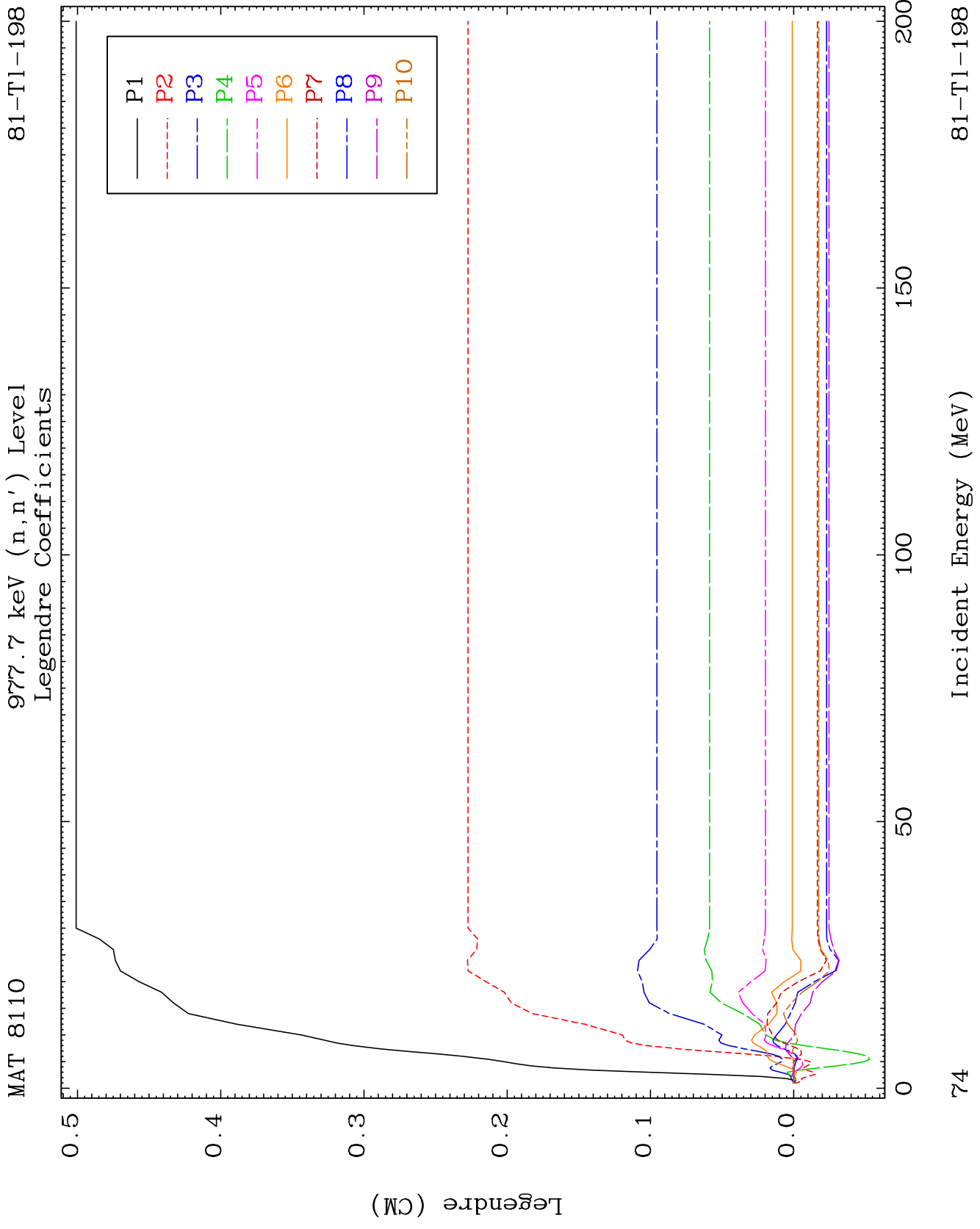


MAT 8110

966.2 keV (n,n') Level  
Legendre Coefficients

81-T1-198

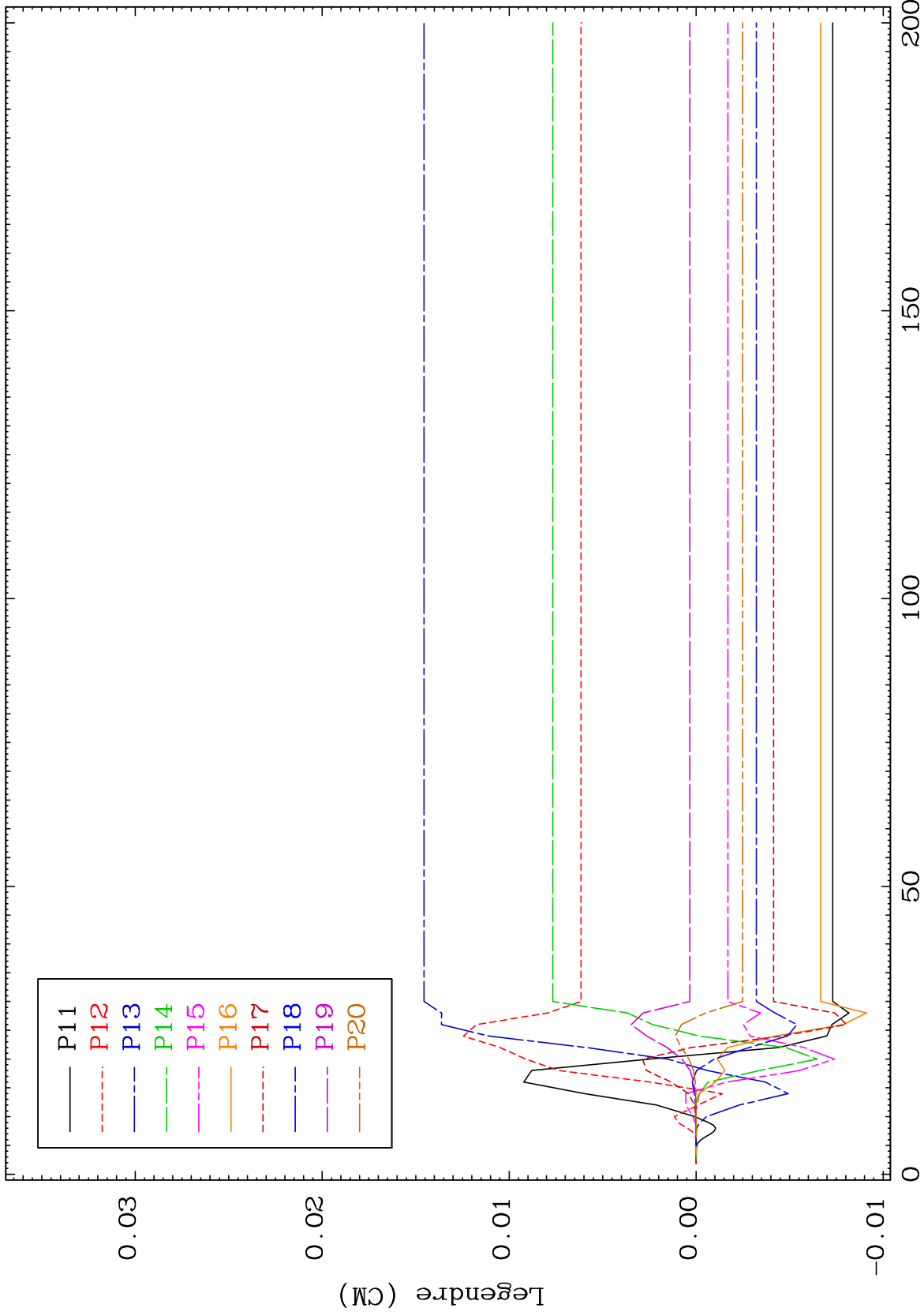




MAT 8110

977.7 keV (n,n') Level  
Legendre Coefficients

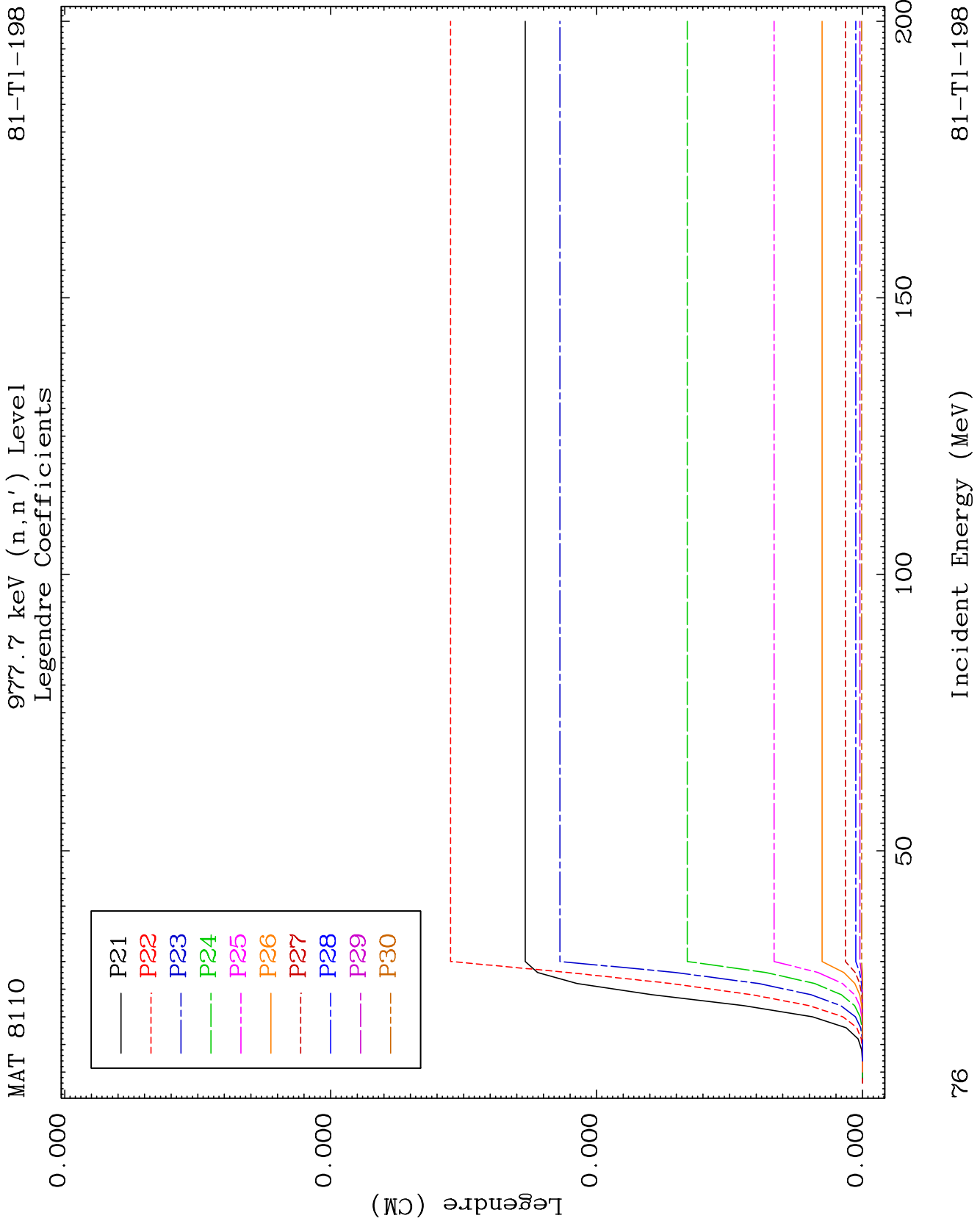
81-T1-198



75

Incident Energy (MeV)

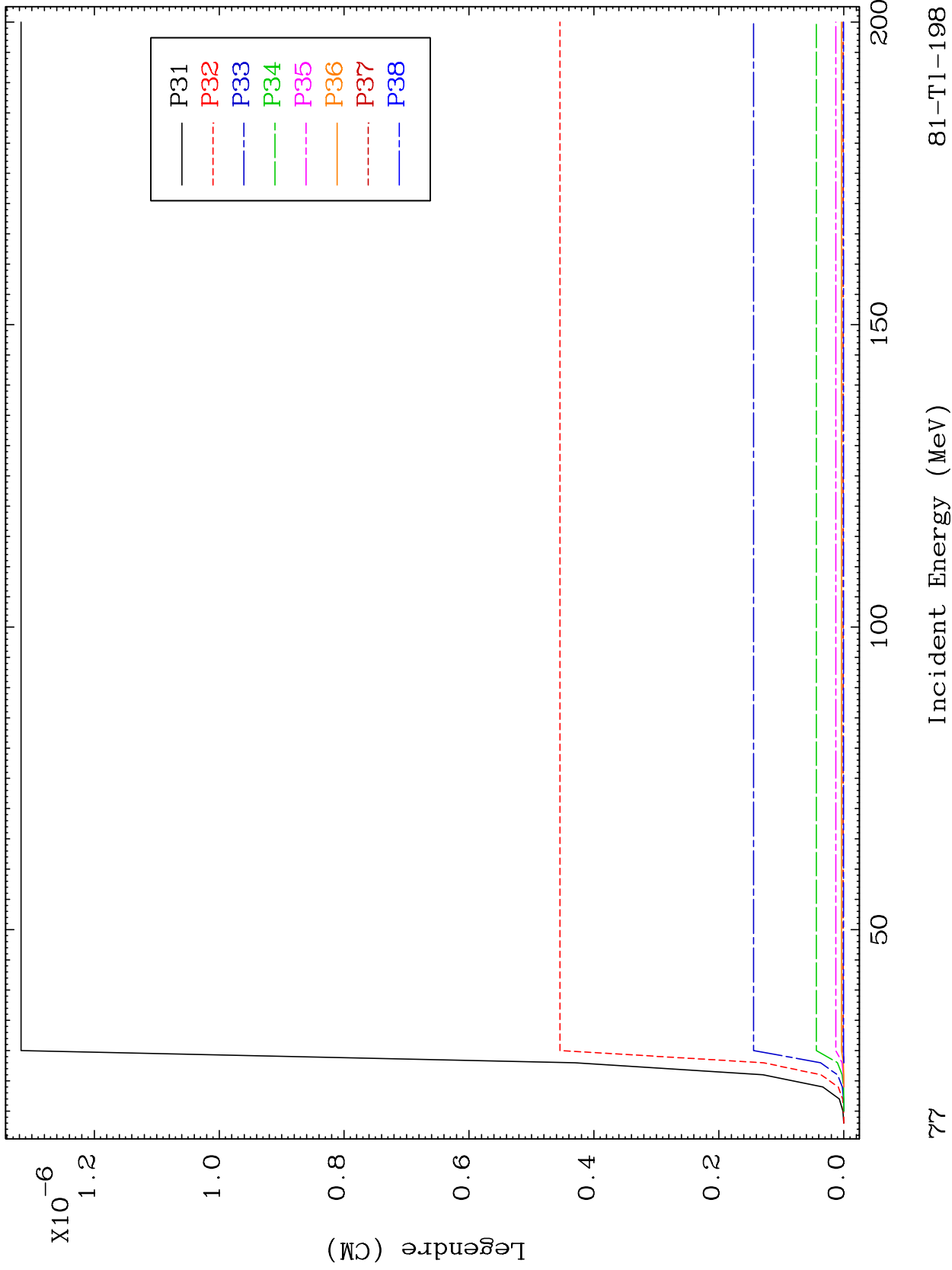
81-T1-198



MAT 8110

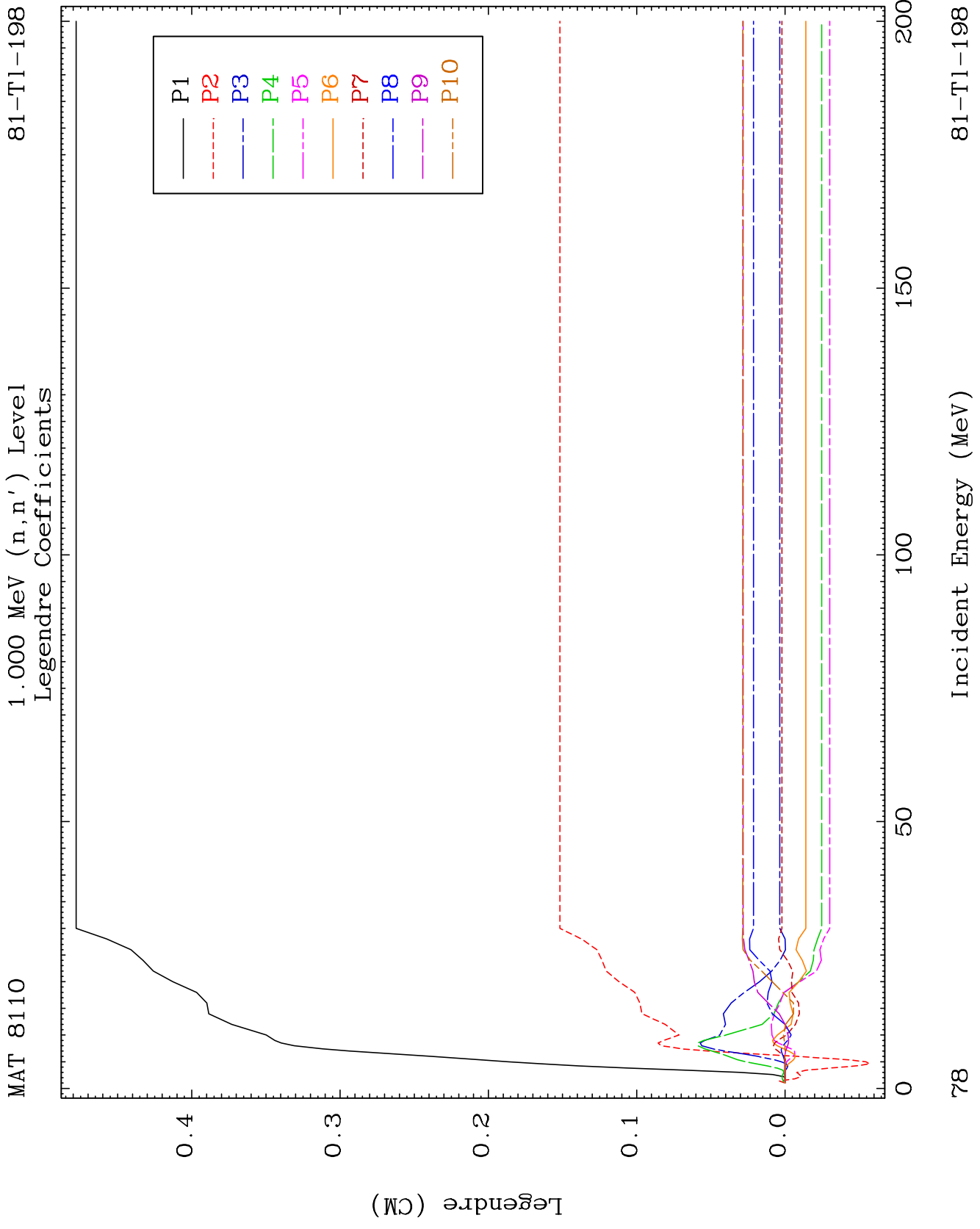
977.7 keV (n,n') Level  
Legendre Coefficients

81-T1-198



77

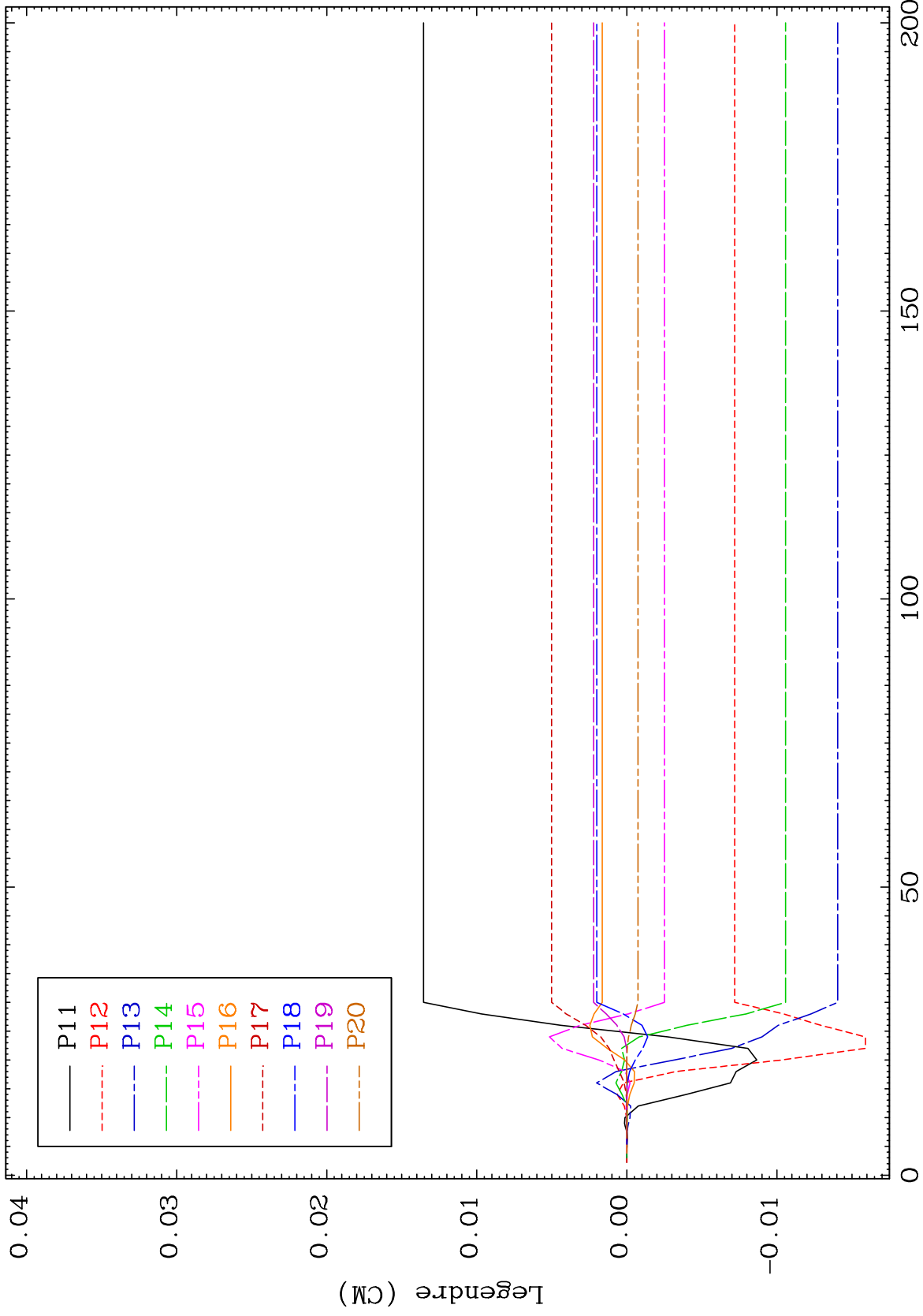
81-T1-198



MAT 8110

1.000 MeV (n,n') Level  
Legendre Coefficients

81-T1-198

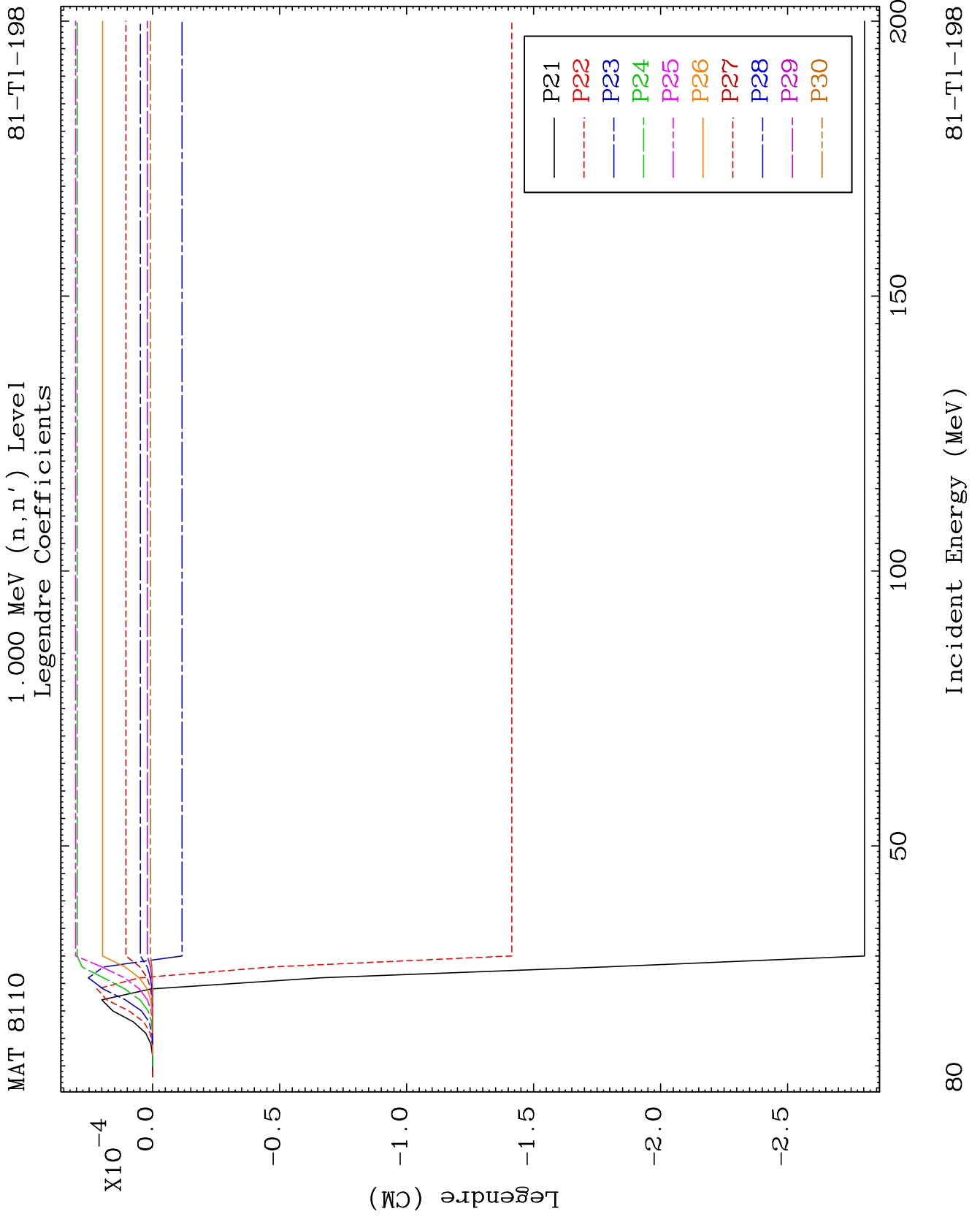


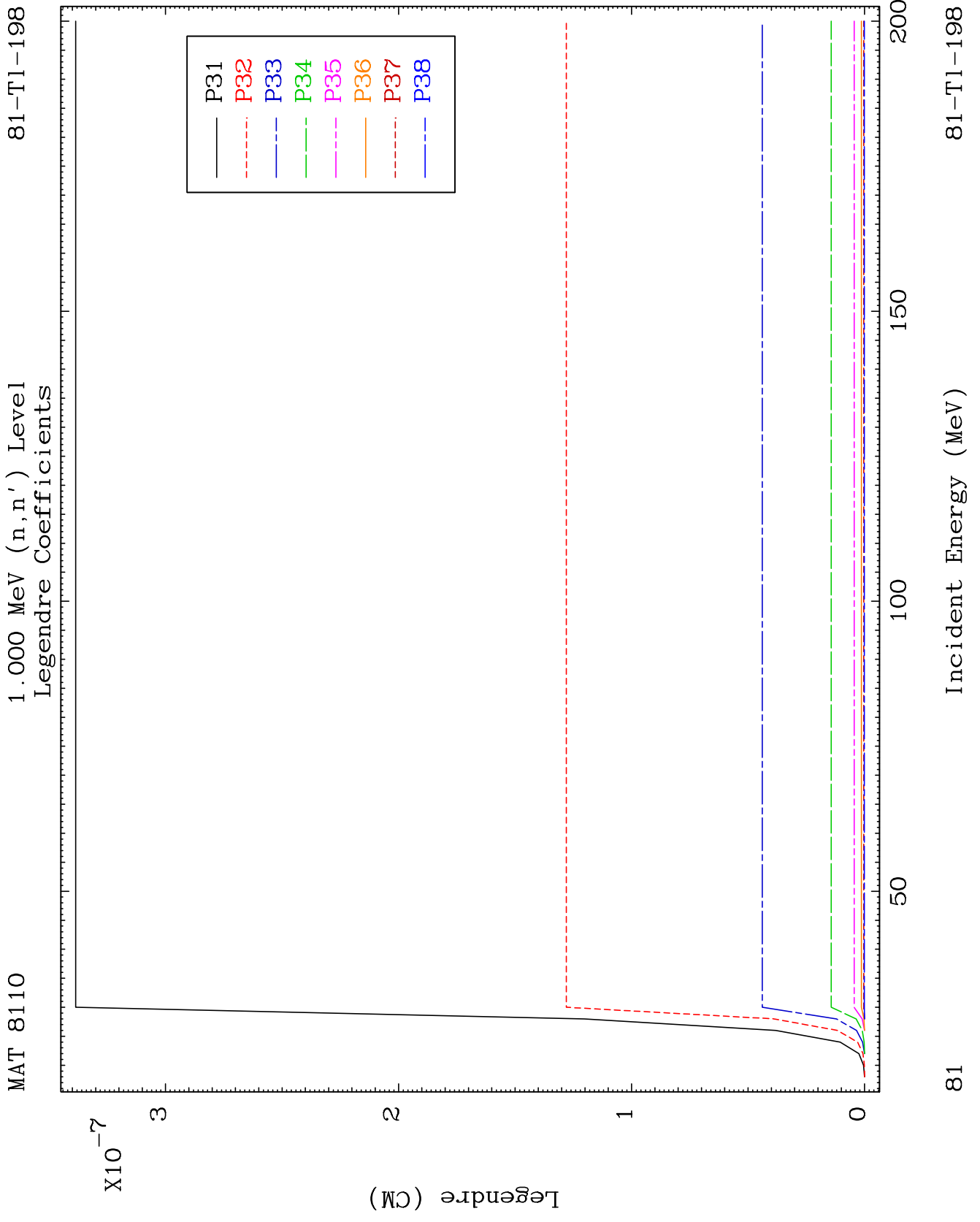
79

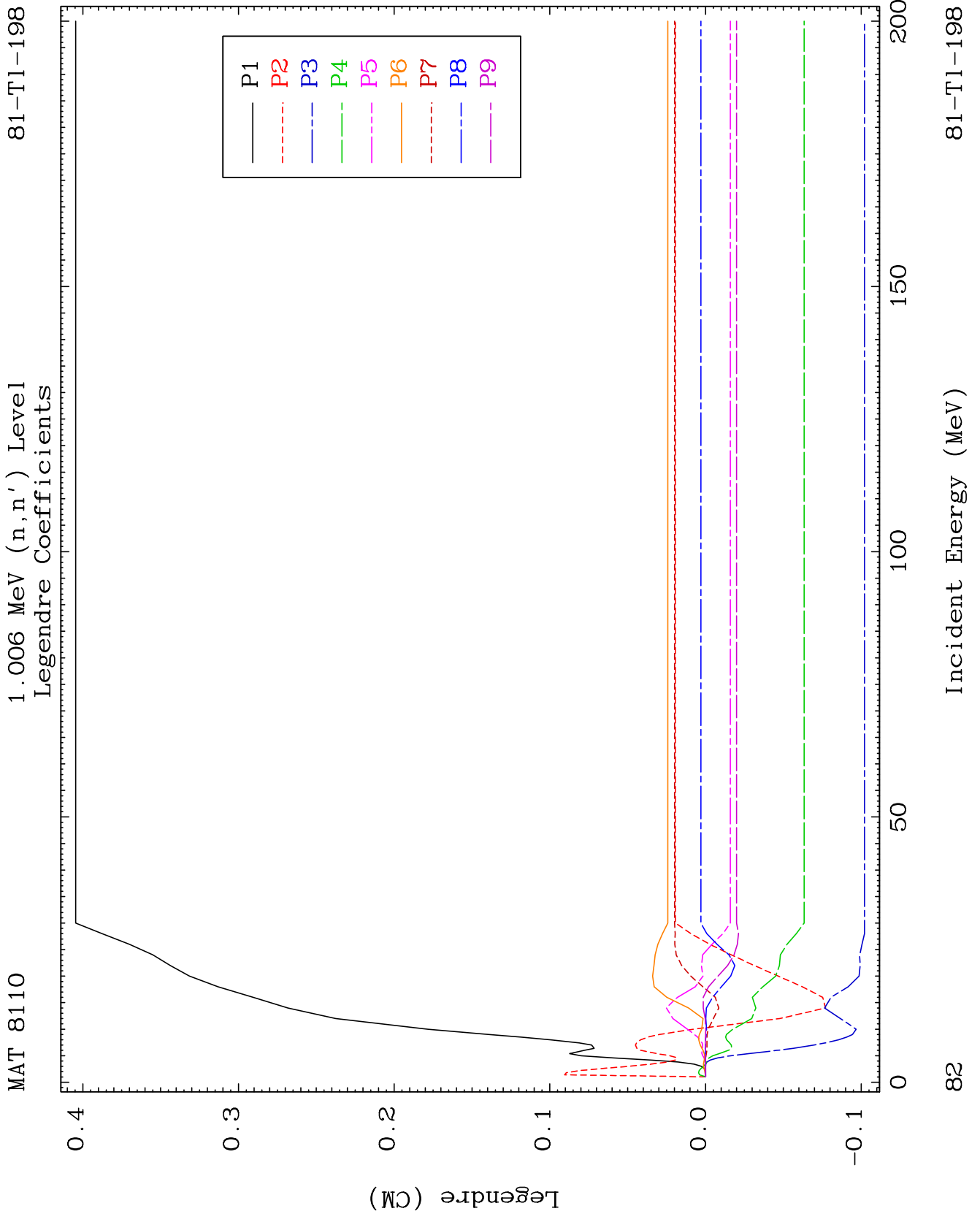
Incident Energy (MeV)

81-T1-198





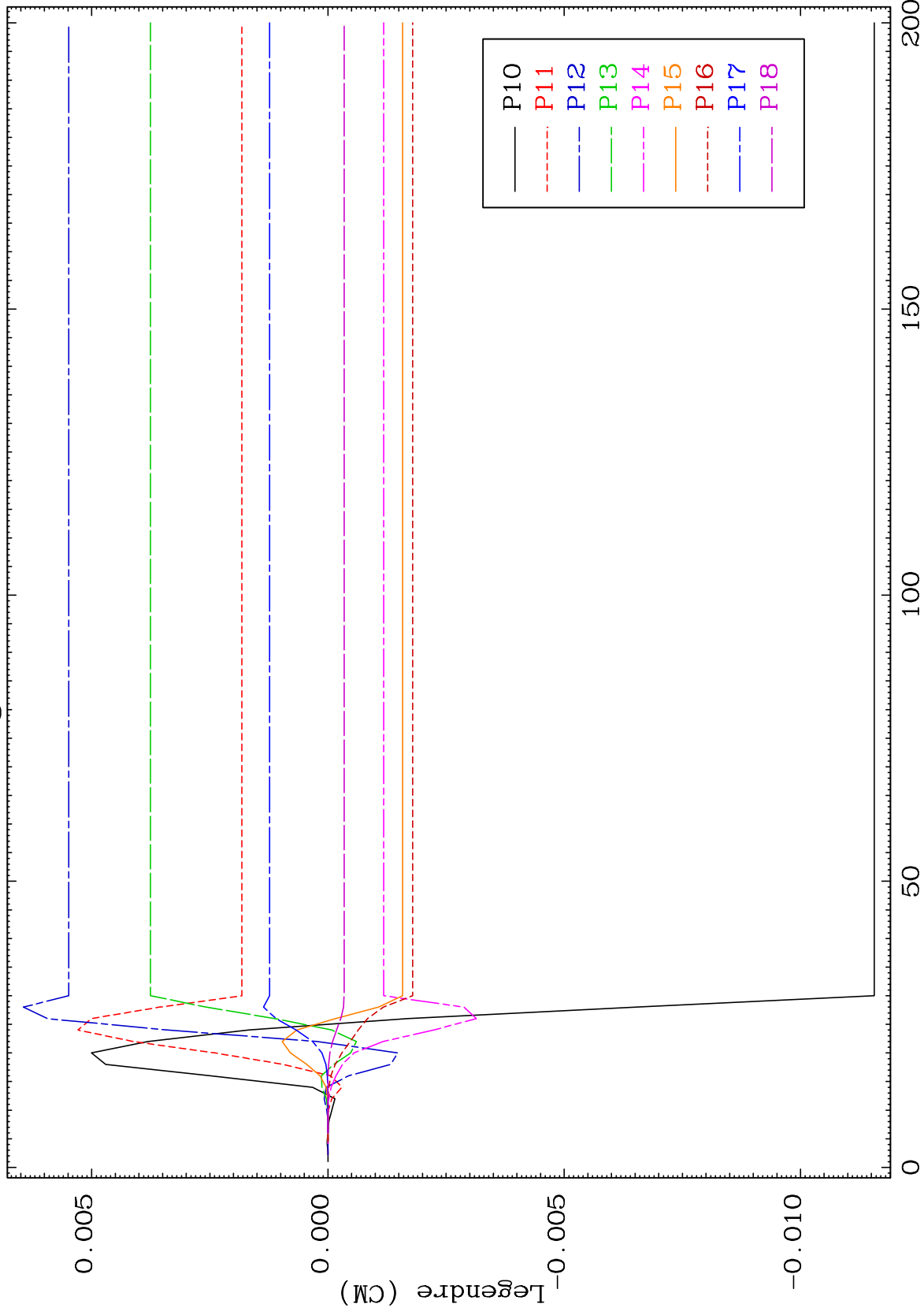




MAT 8110

1.006 MeV (n,n') Level  
Legendre Coefficients

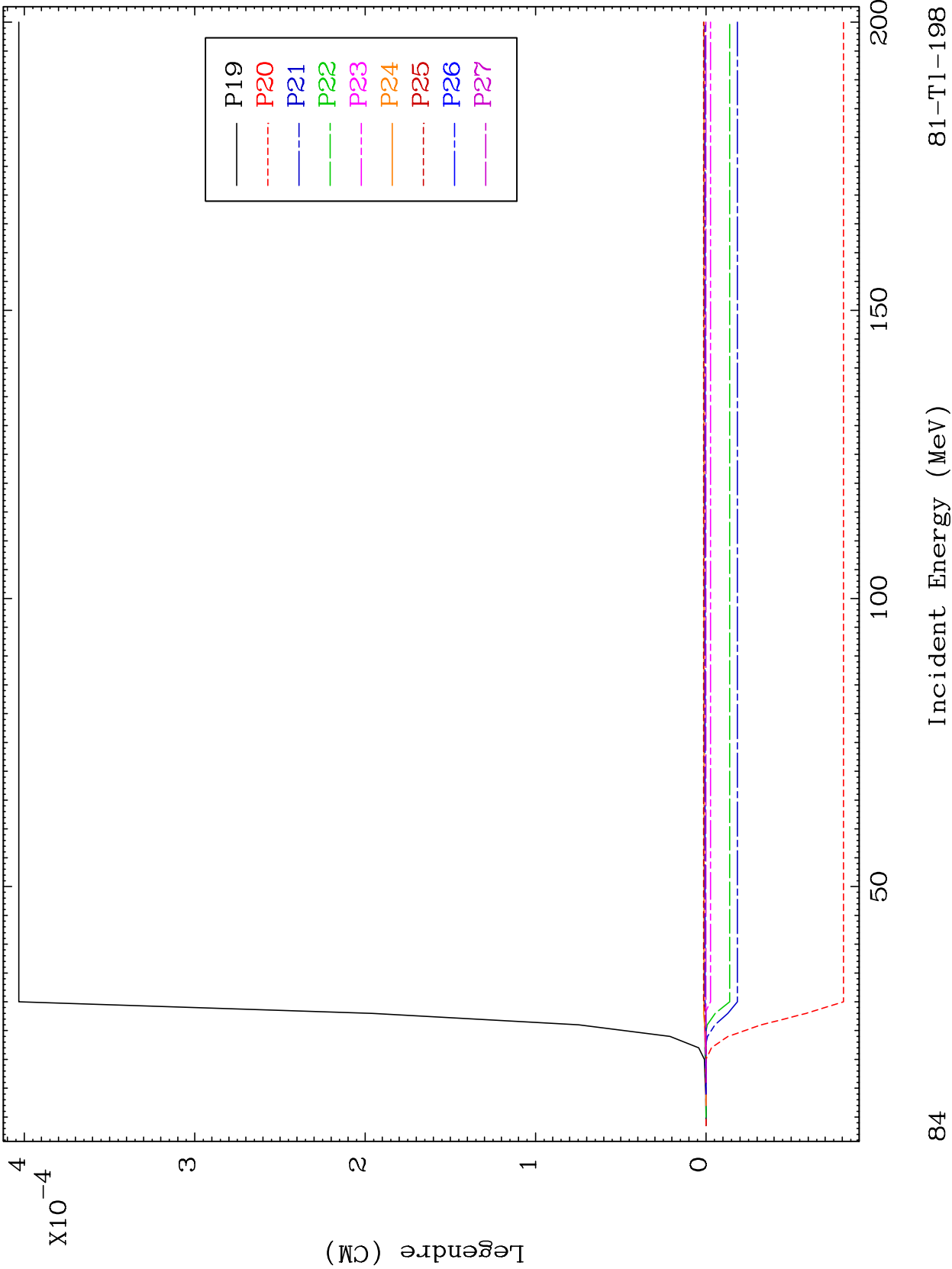
81-T1-198

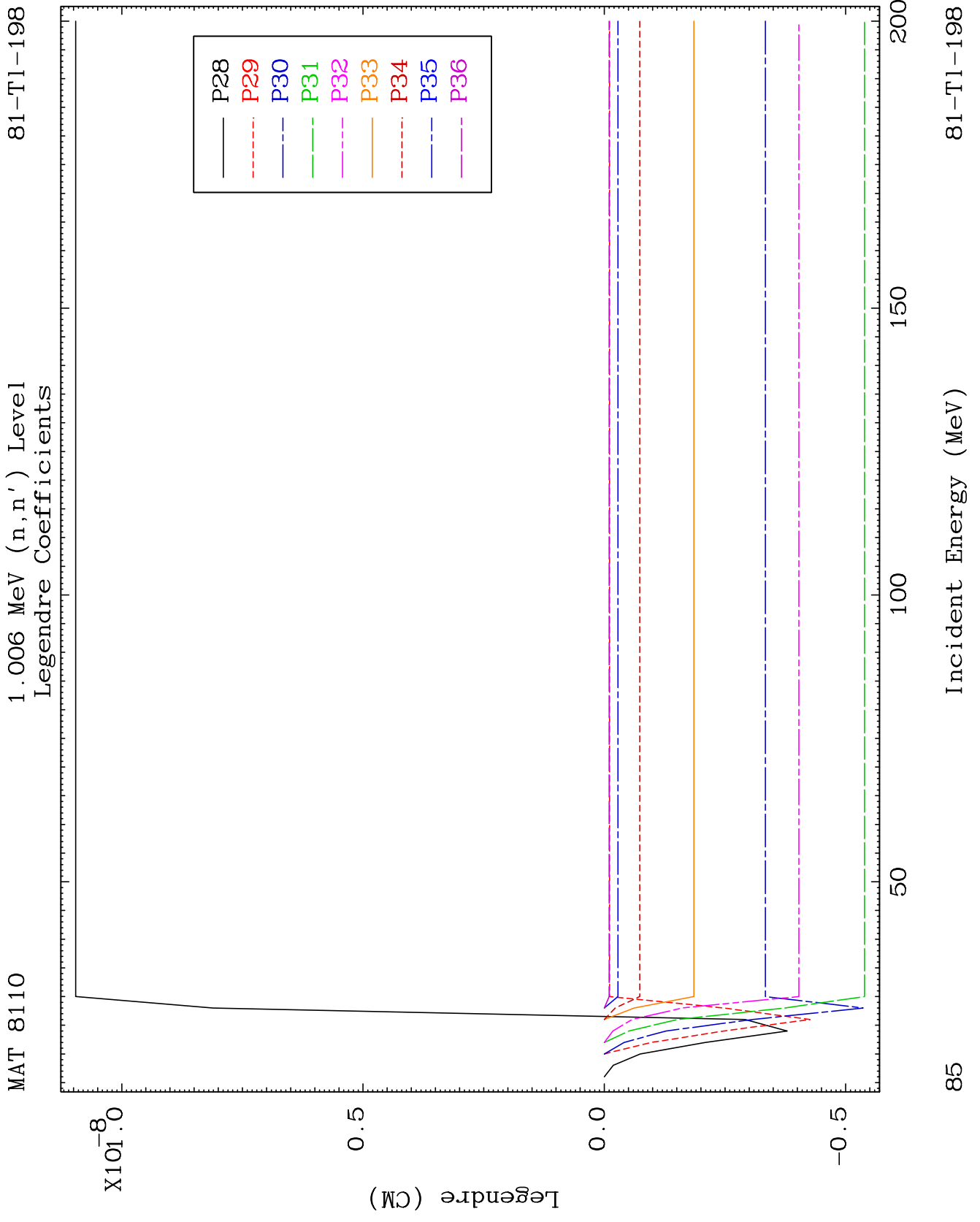


83

Incident Energy (MeV)

81-T1-198

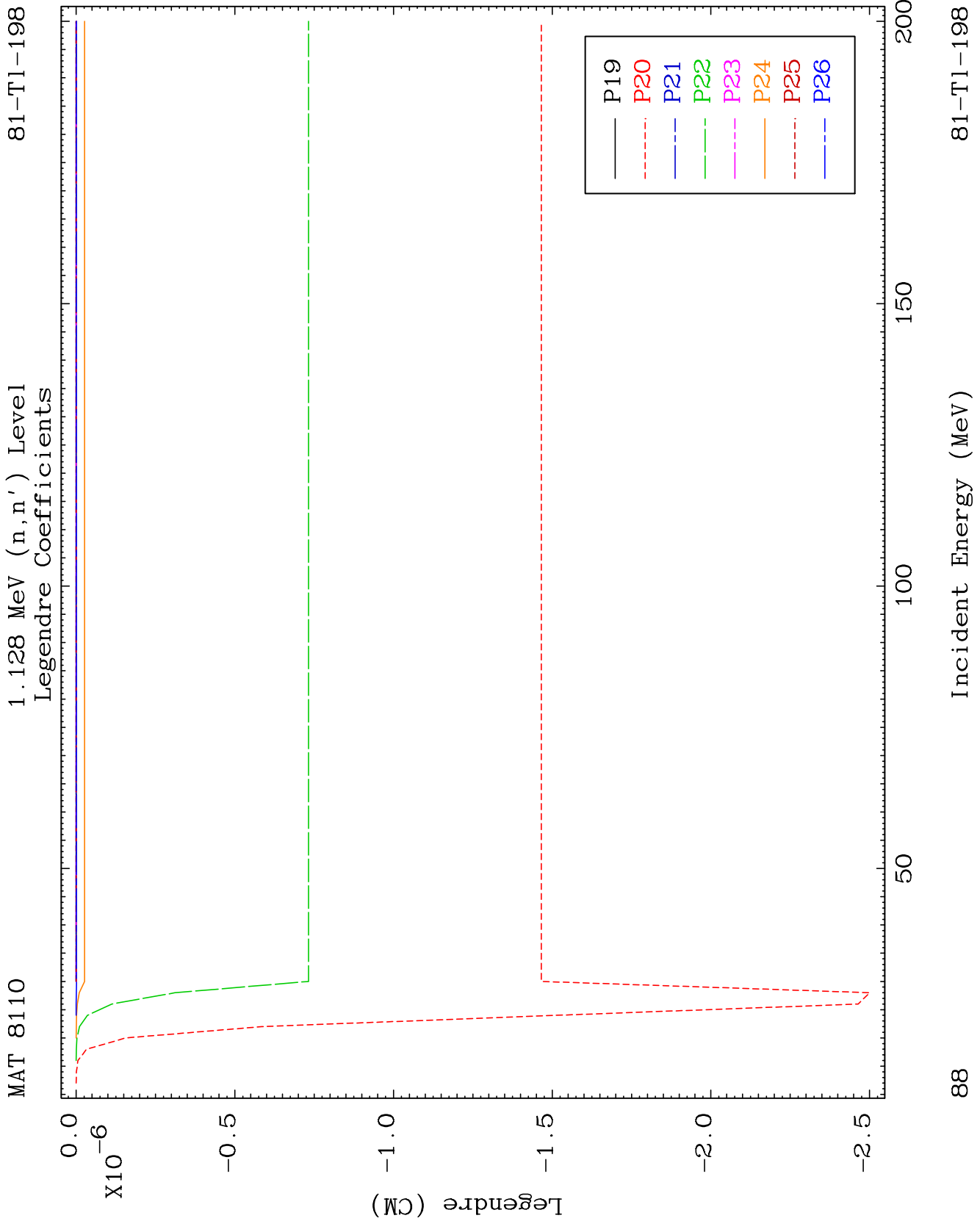


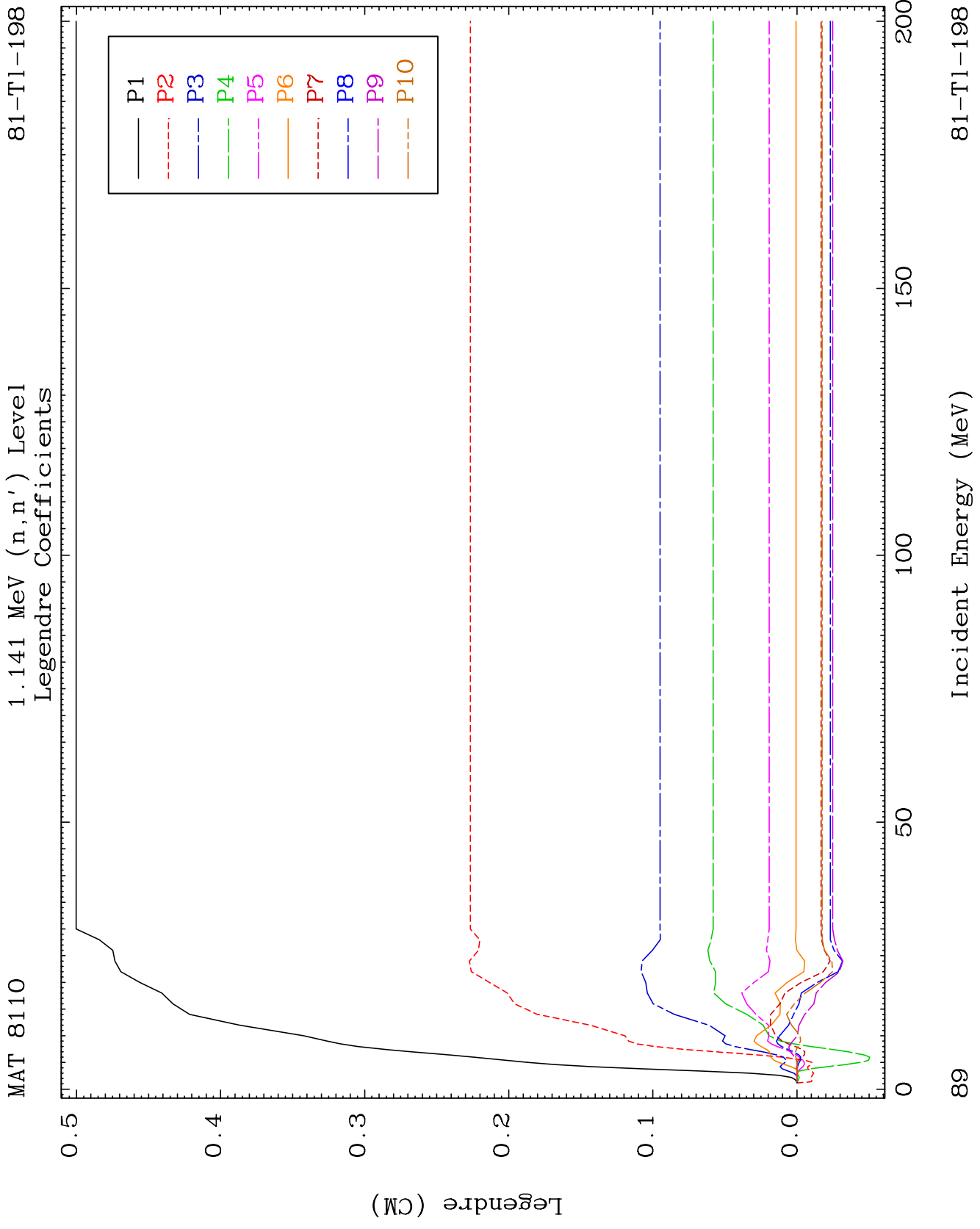


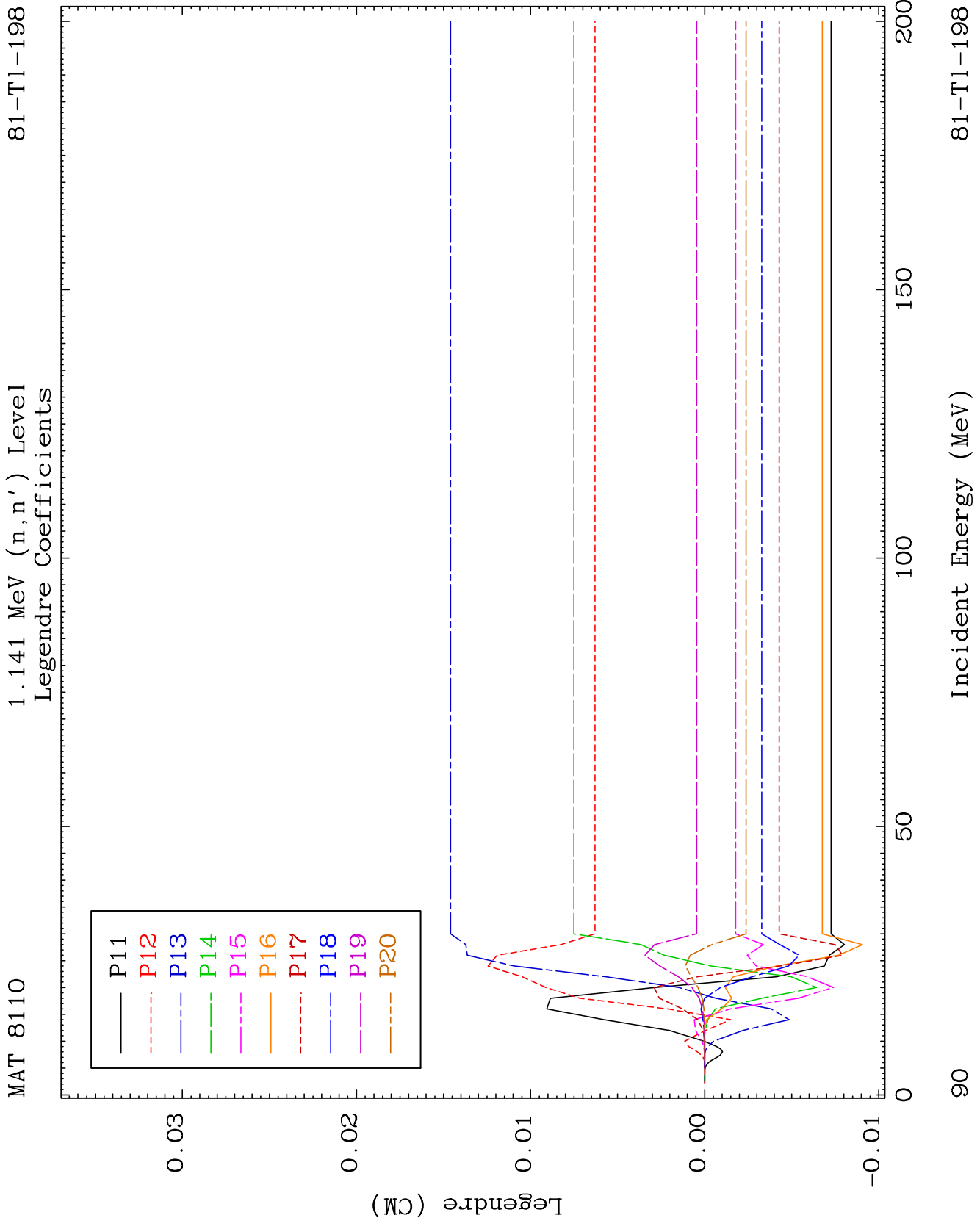


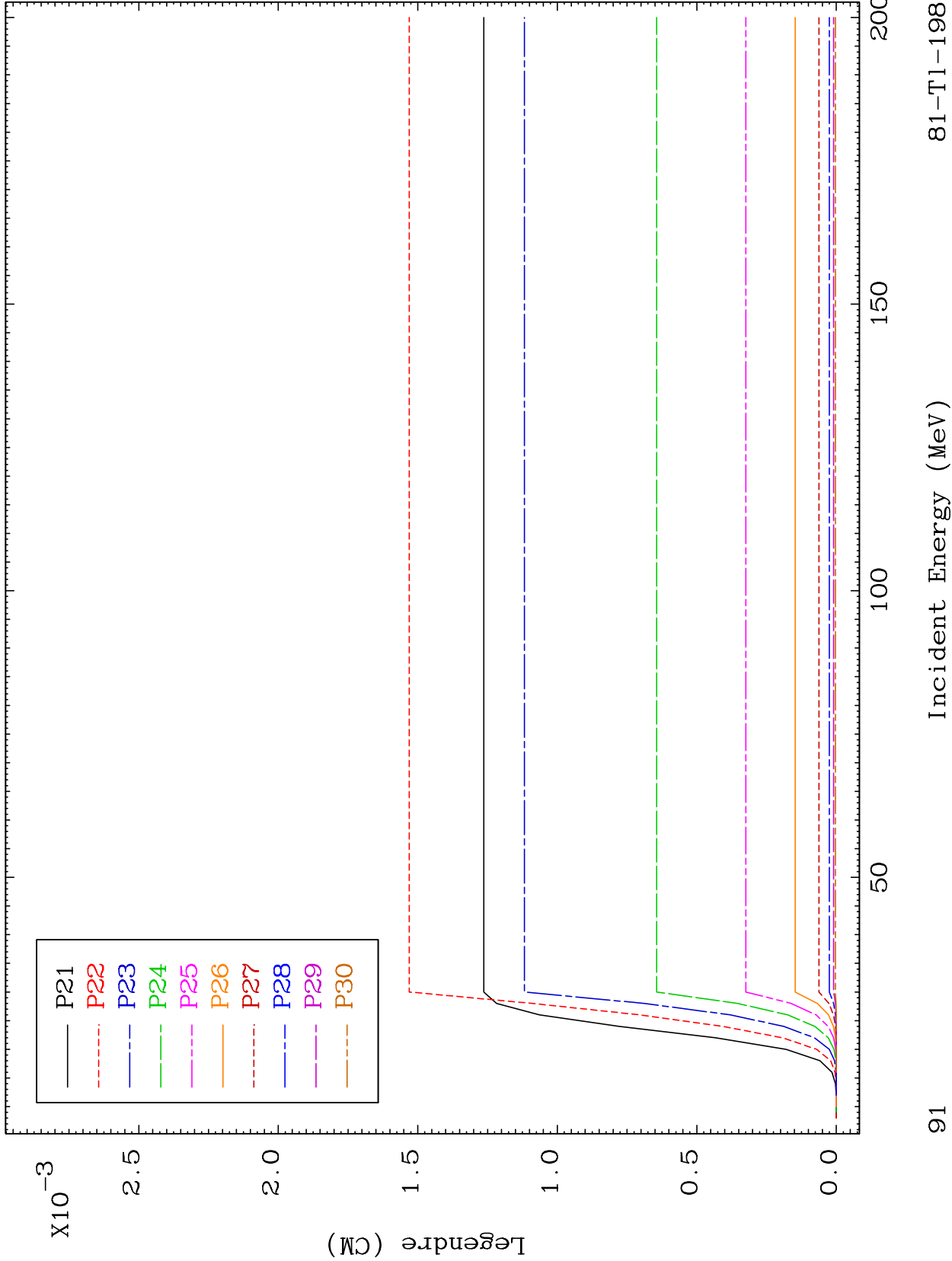


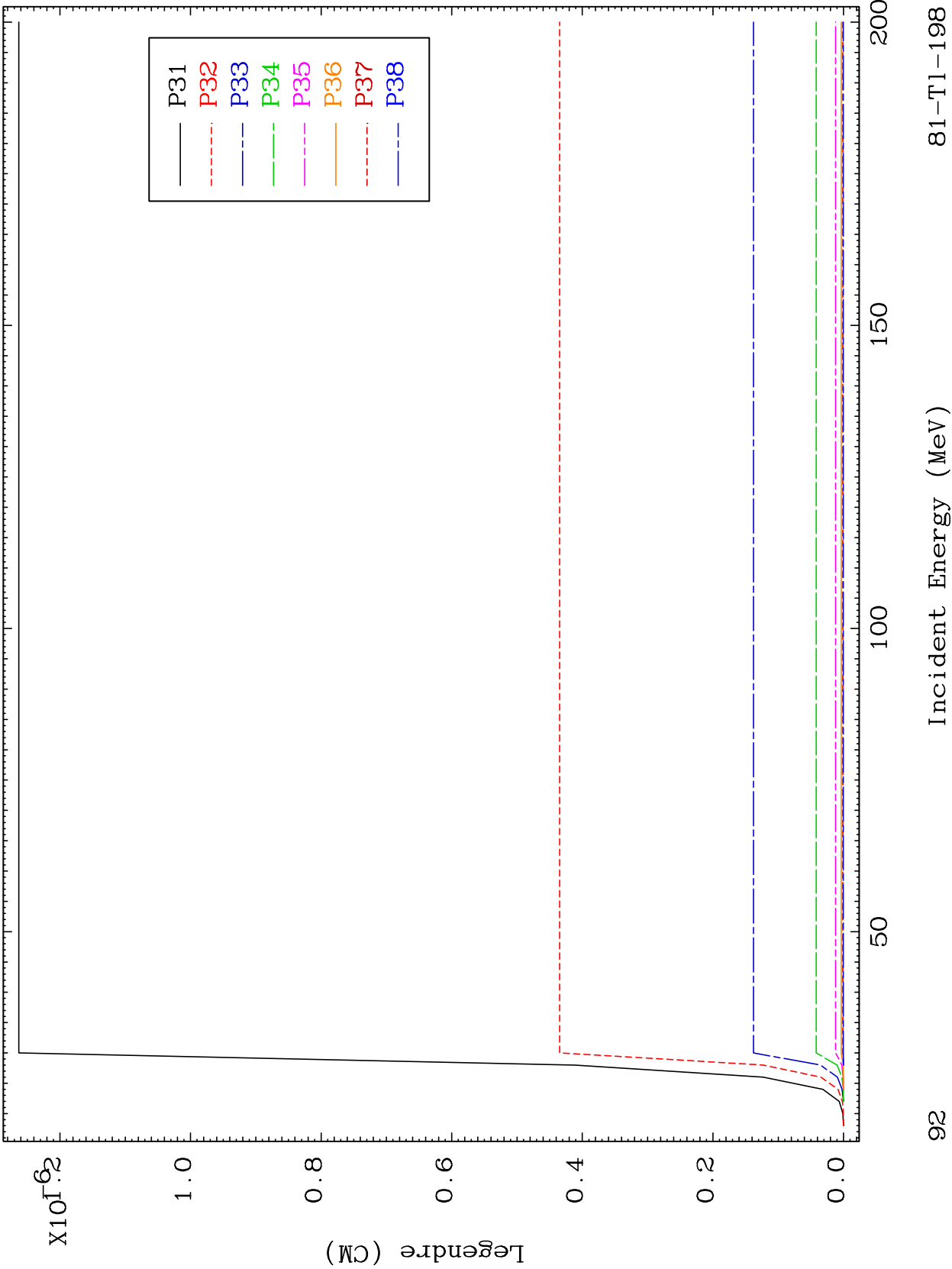








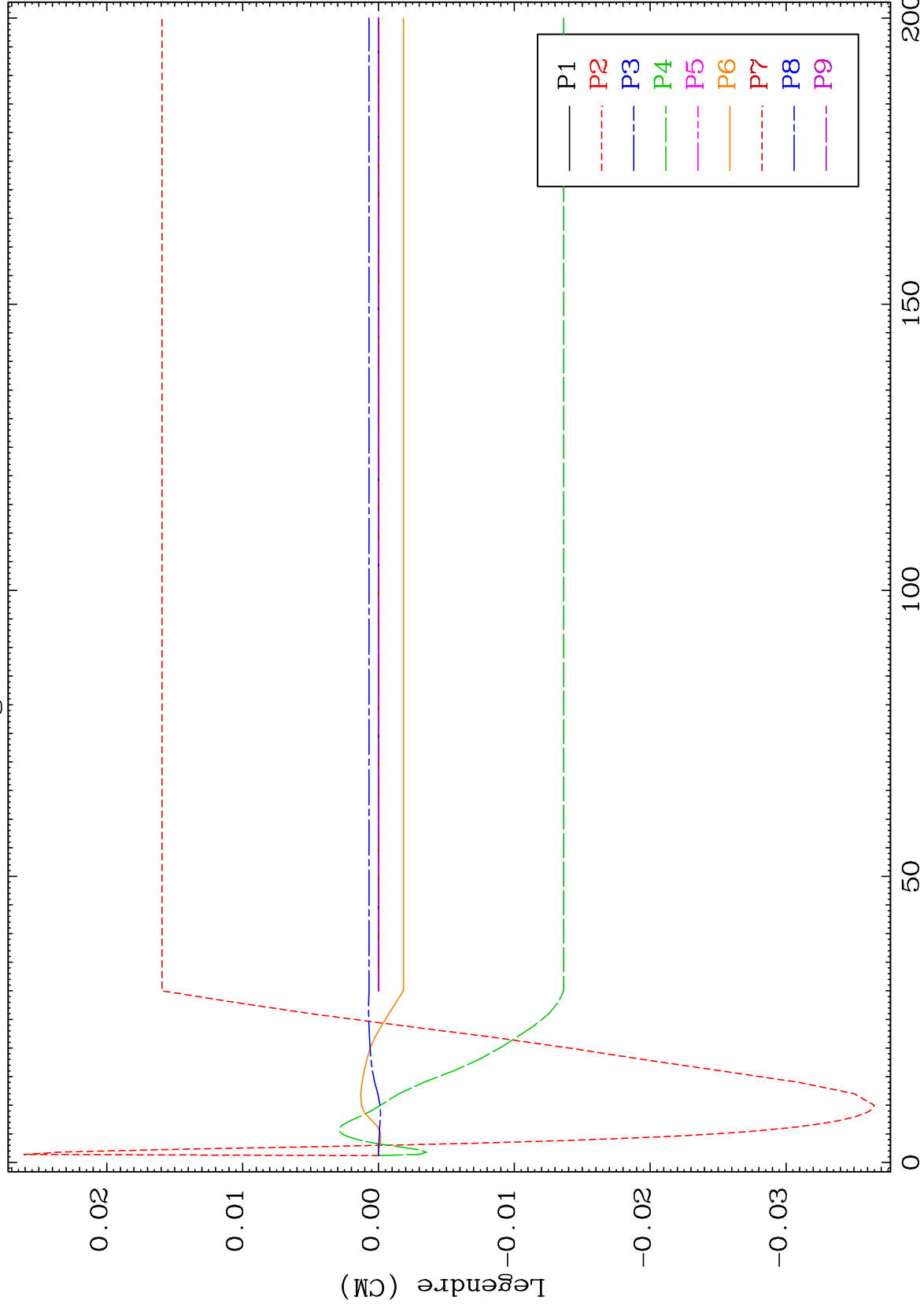




MAT 8110

1.189 MeV (n,n') Level  
Legendre Coefficients

81-T1-198



93

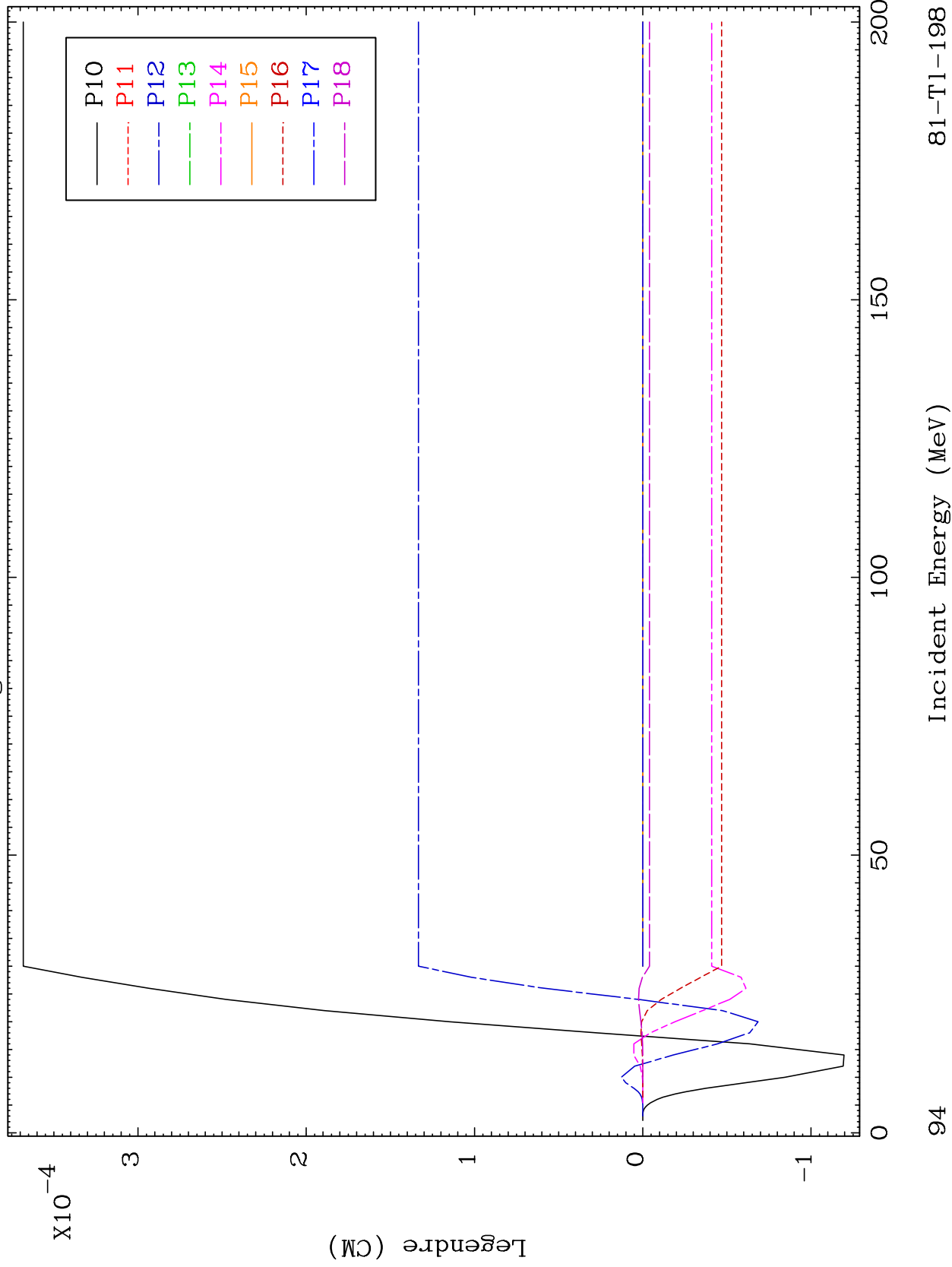
Incident Energy (MeV)

81-T1-198

MAT 8110

1.189 MeV (n,n') Level  
Legendre Coefficients

81-T1-198



94

Incident Energy (MeV)

81-T1-198



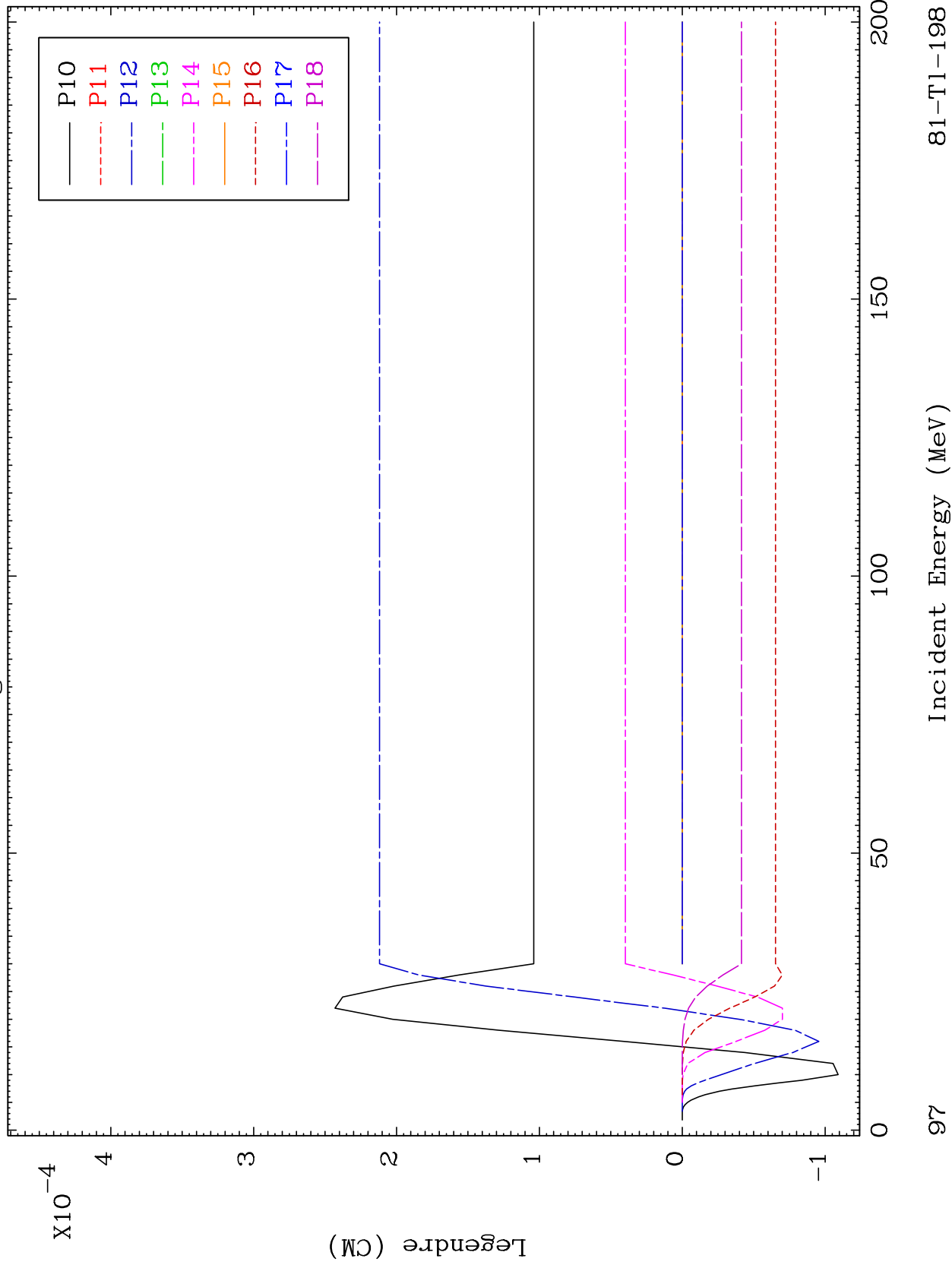




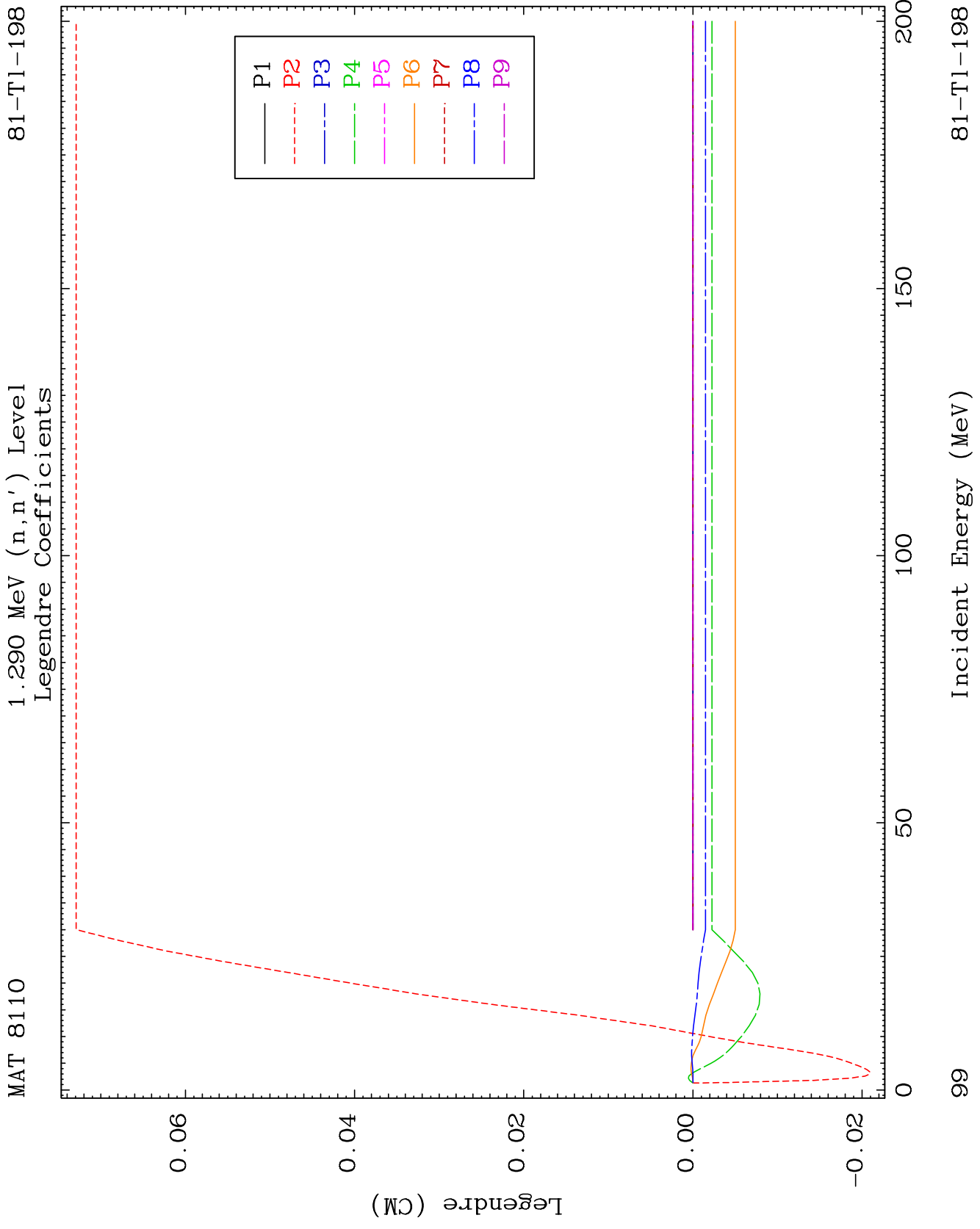
MAT 8110

1.230 MeV (n,n') Level  
Legendre Coefficients

81-T1-198



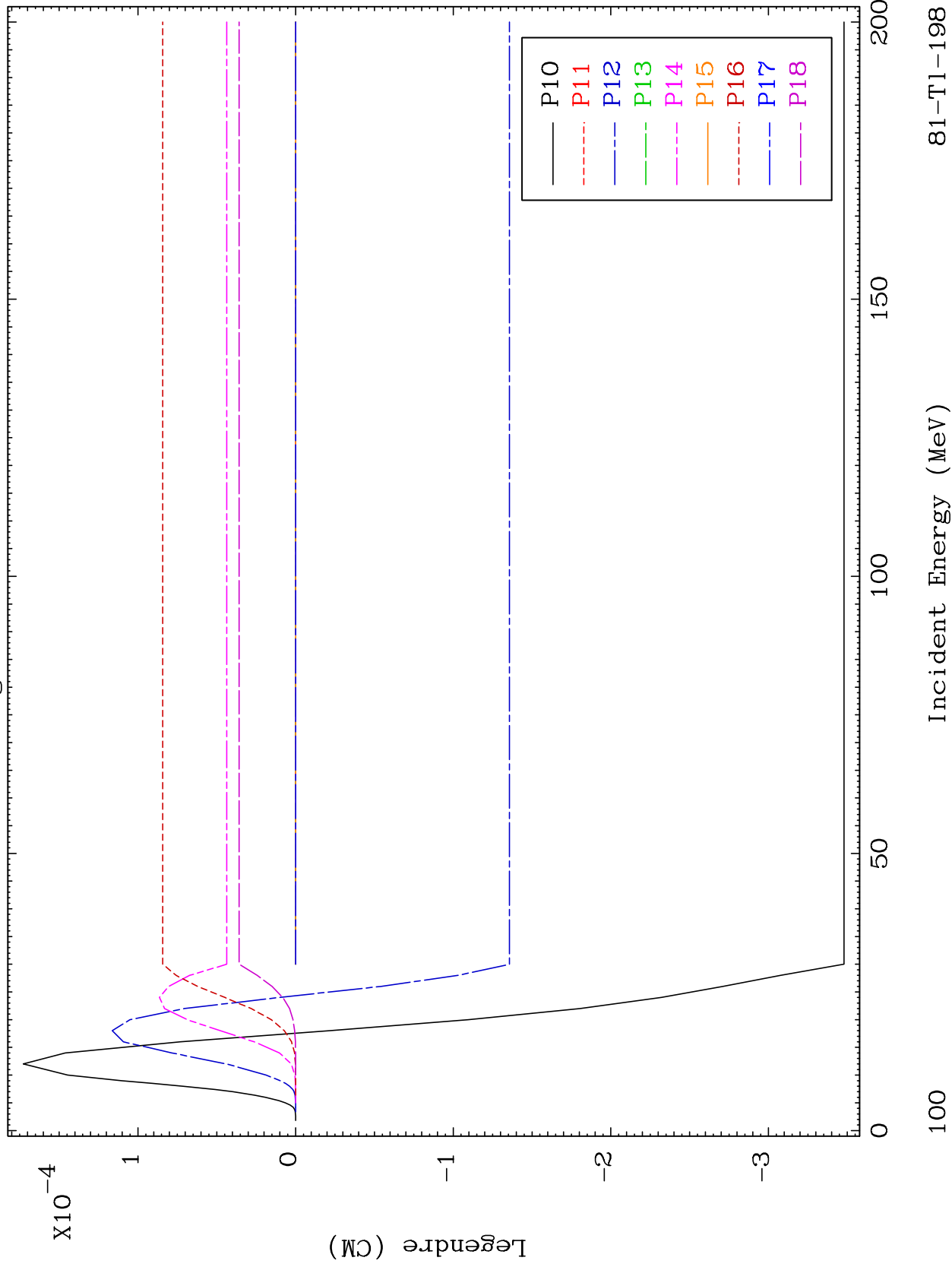




MAT 8110

1.290 MeV (n,n') Level  
Legendre Coefficients

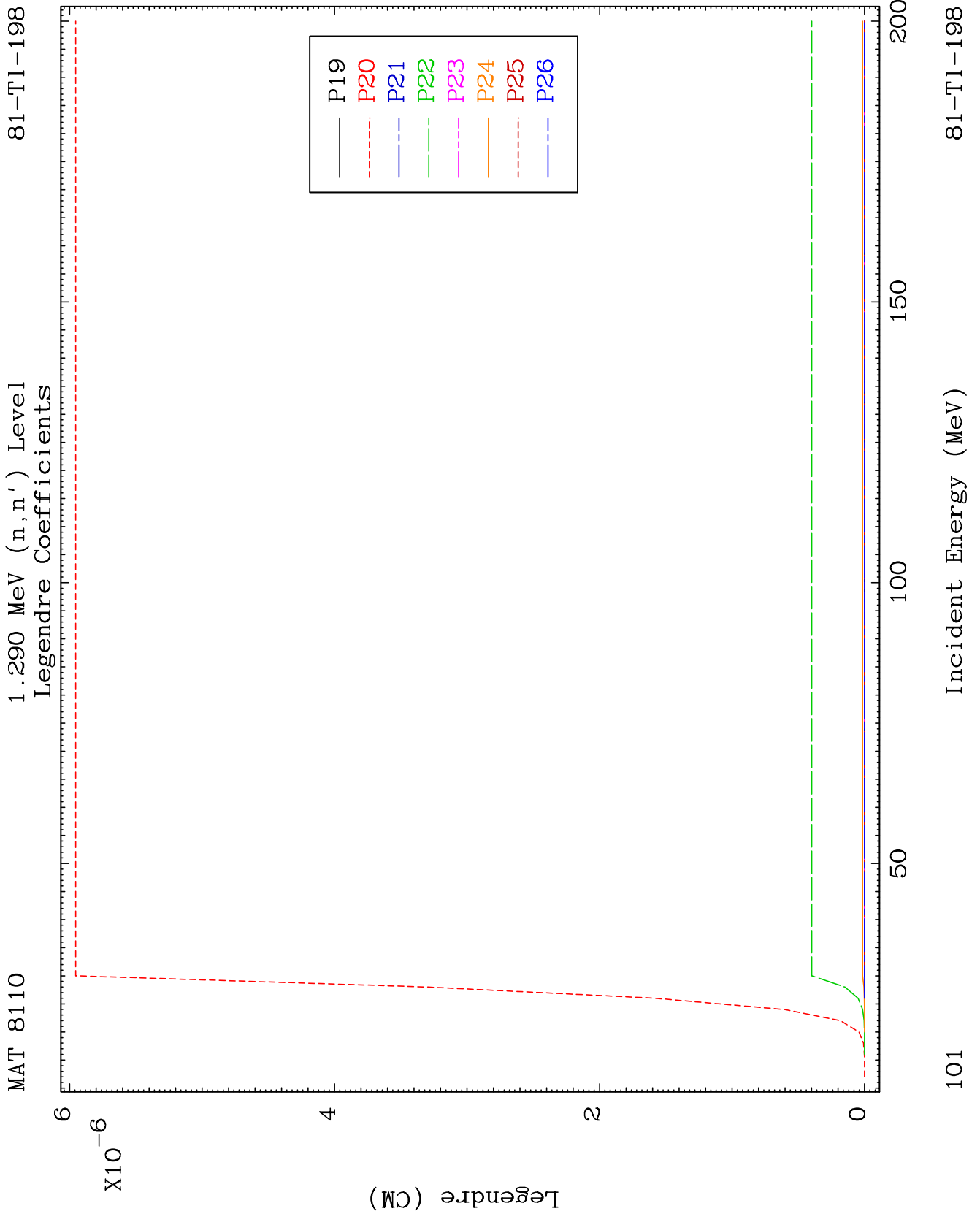
81-Tl-198



81-Tl-198

Incident Energy (MeV)

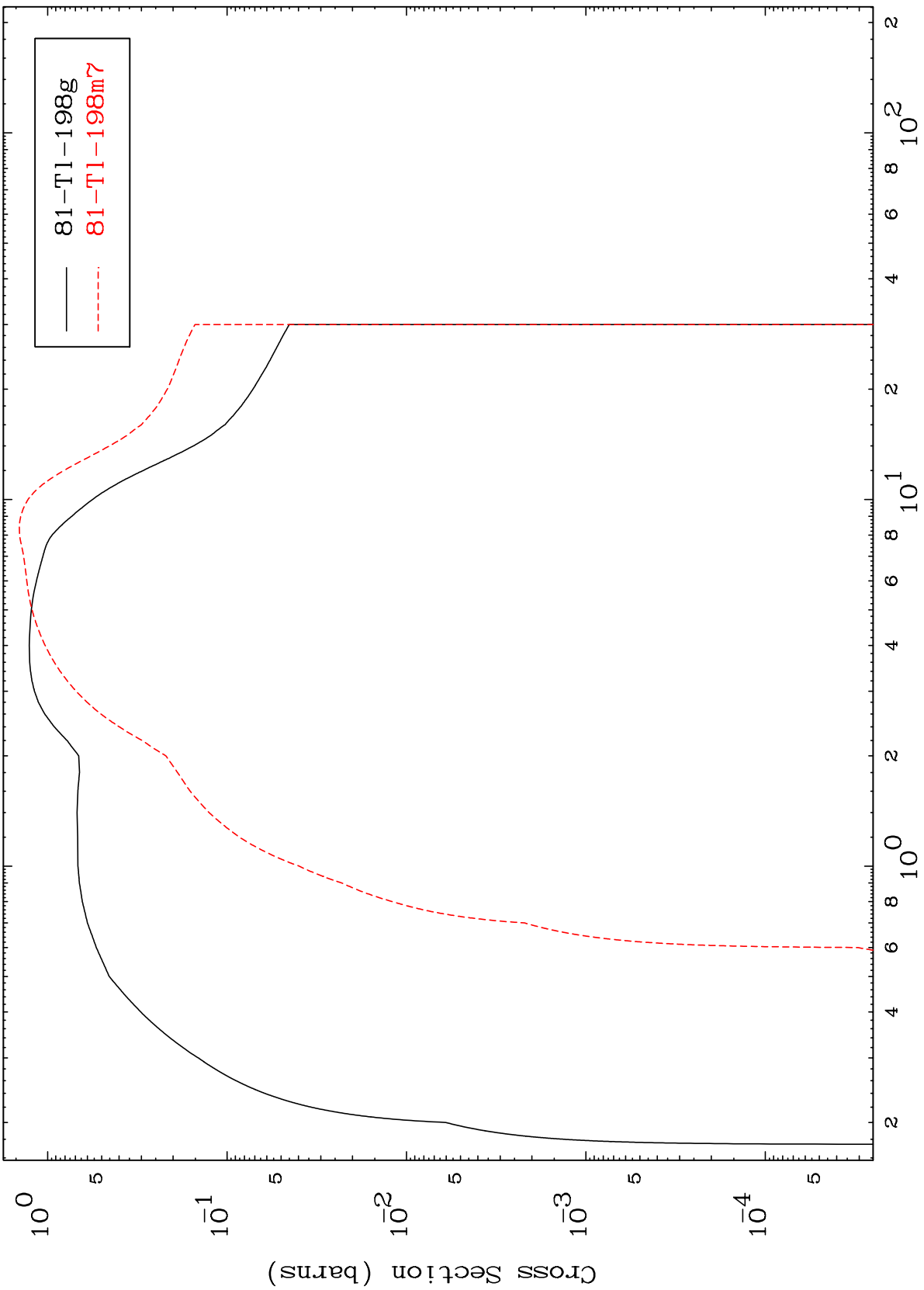
100



MAT 8110

81-Tl-198

Inelastic  
Radionuclide Production Cross Section

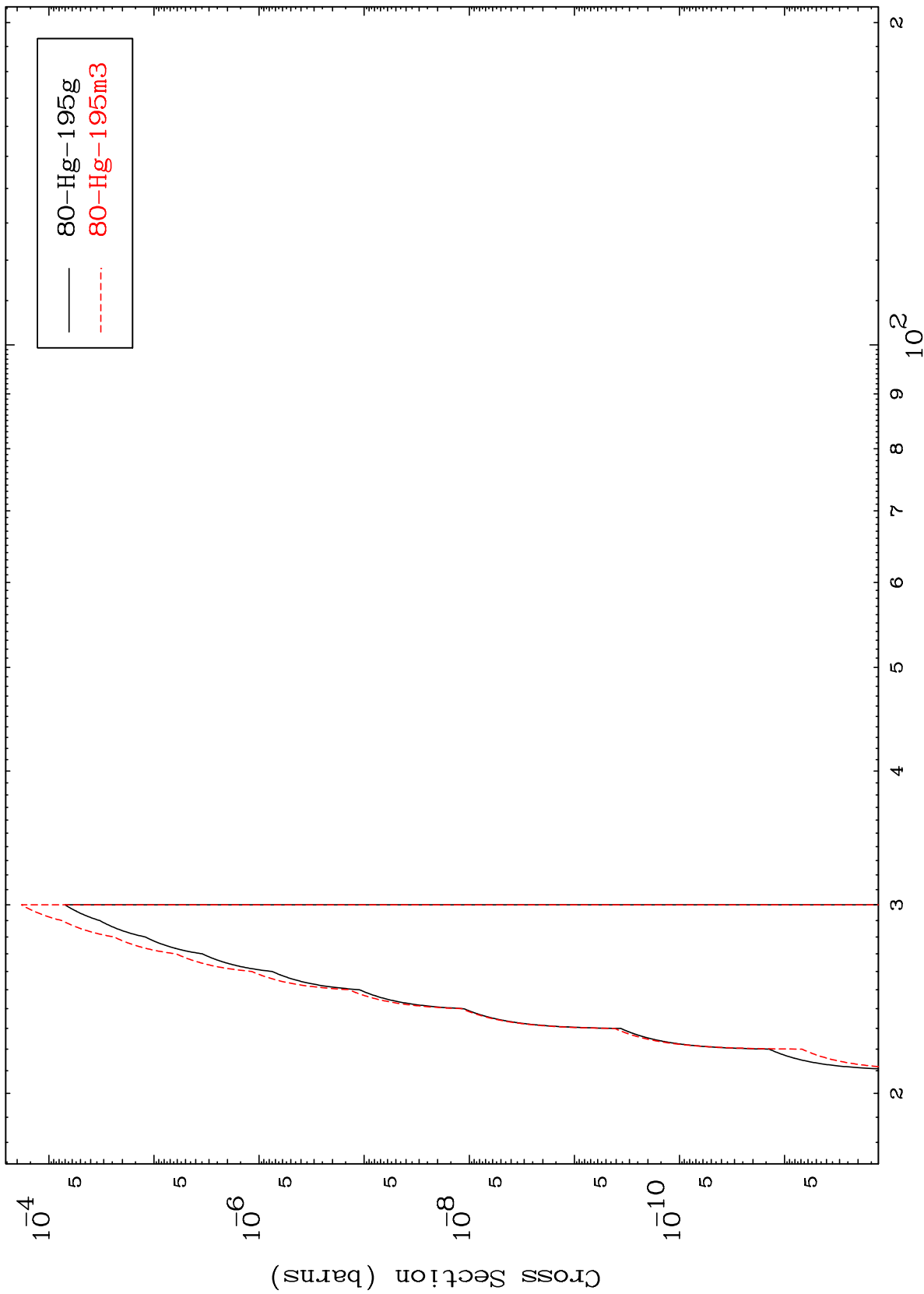


102

Incident Energy (MeV)

81-Tl-198

Radionuclide Production Cross Section



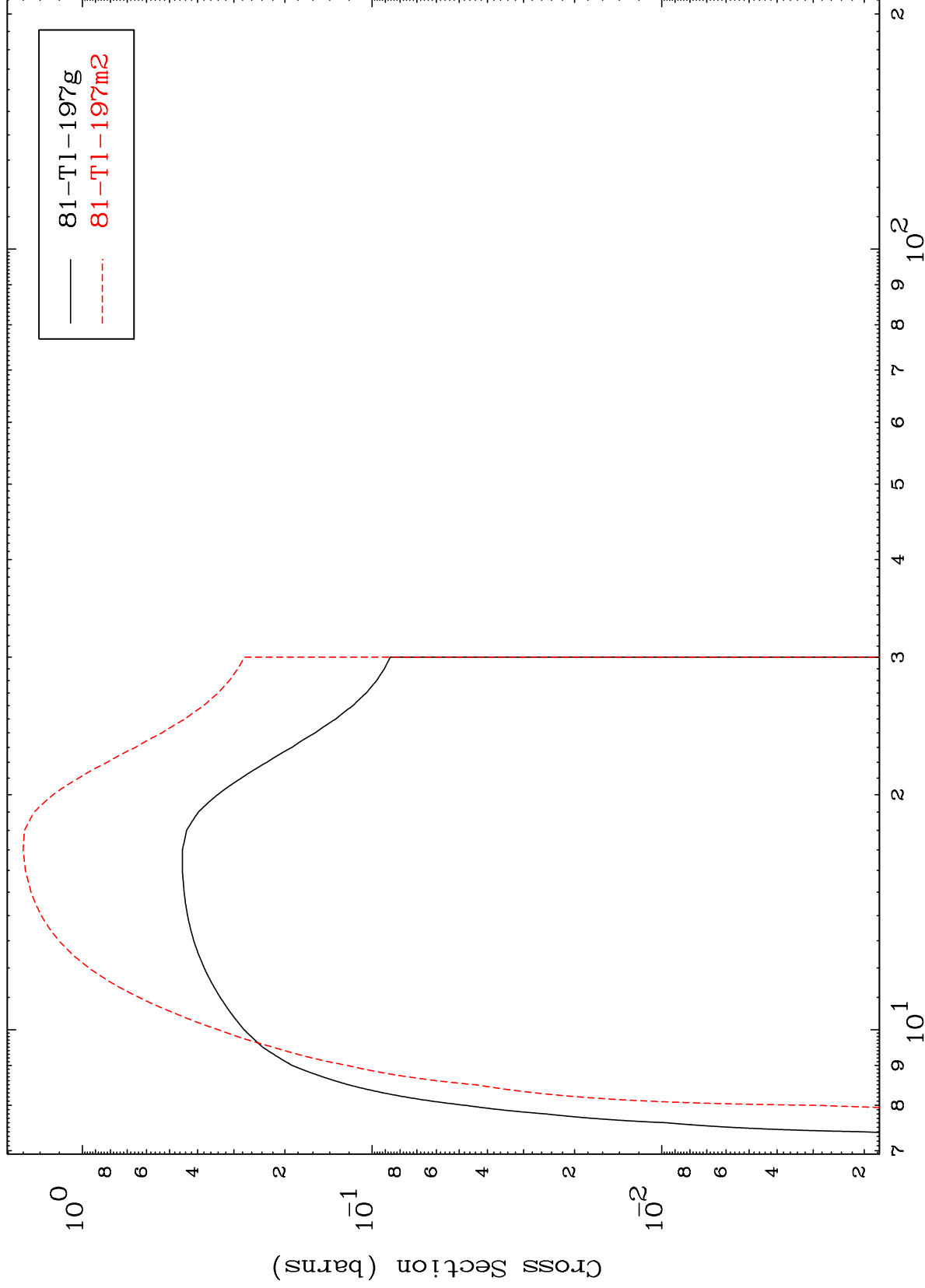


MAT 8110

(n,2n)

81-Tl-198

Radionuclide Production Cross Section



104

Incident Energy (MeV)

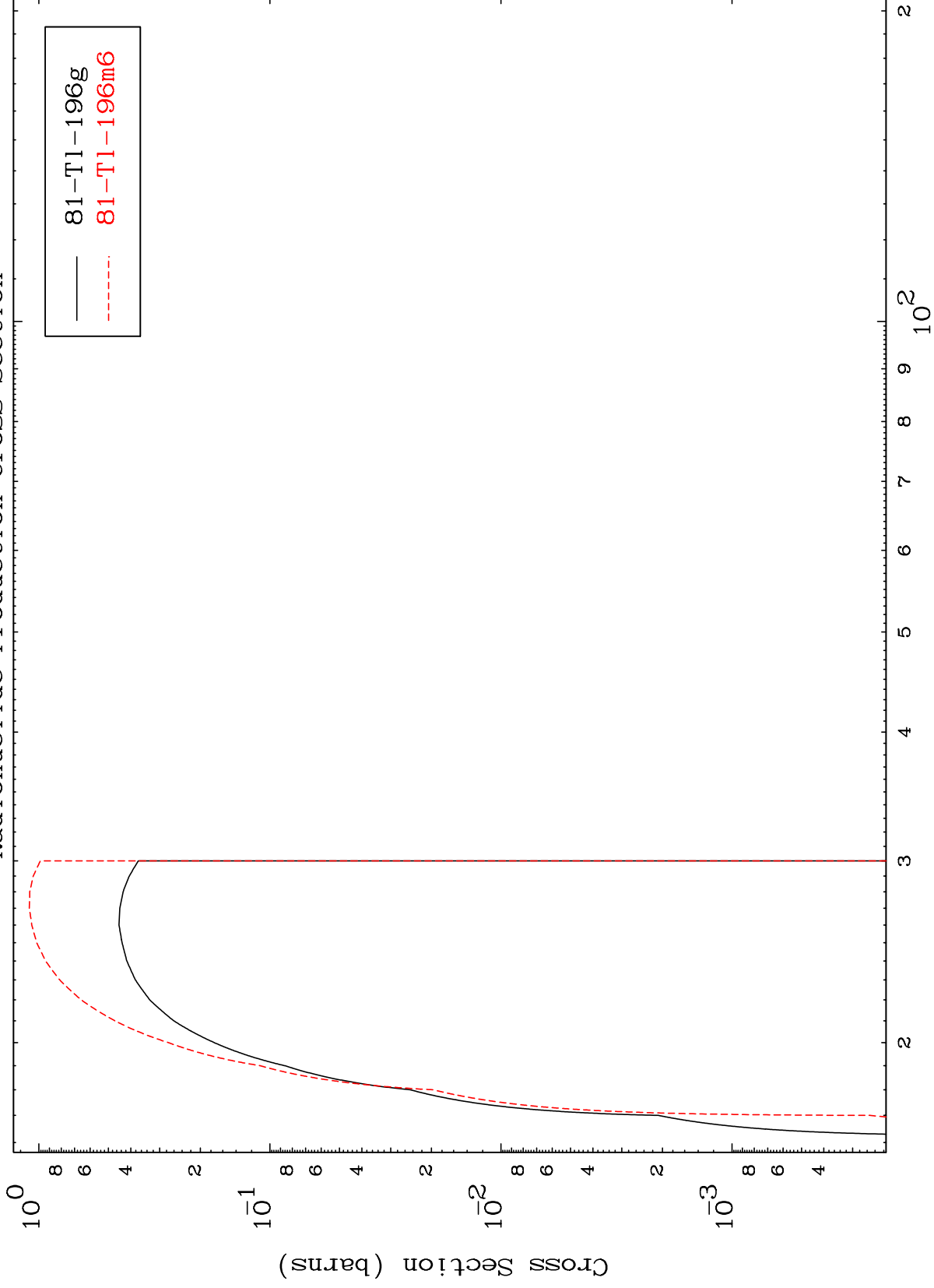
81-Tl-198

MAT 8110

(n,3n)

81-Tl-198

Radionuclide Production Cross Section



105

Incident Energy (MeV)

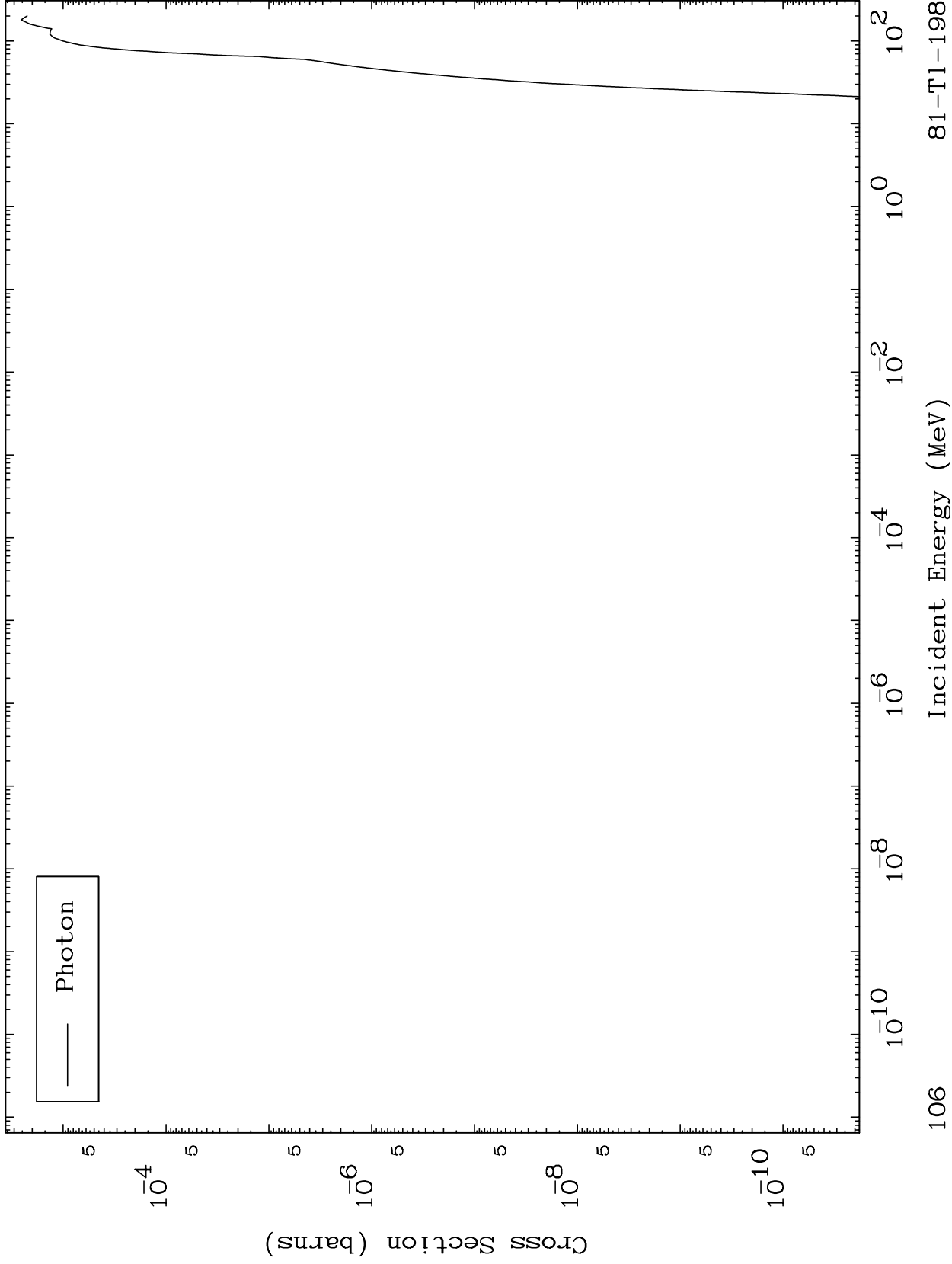
81-Tl-198

MAT 8110

Fission

81-Tl-198

Radionuclide Production Cross Section



106

Incident Energy (MeV)

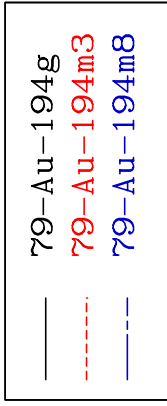
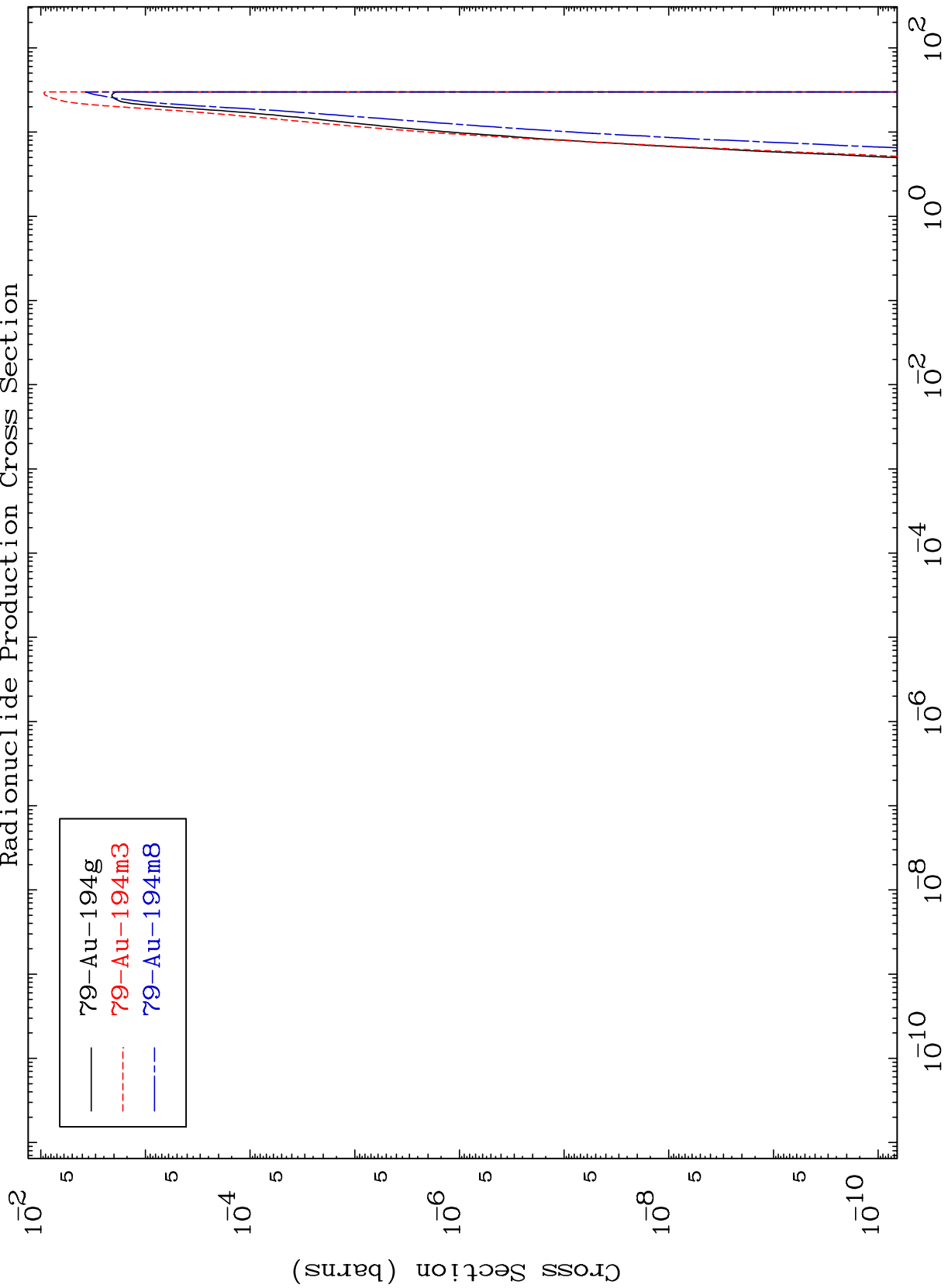
81-Tl-198

MAT 8110

$(n, n') \alpha$

81-Tl-198

Radionuclide Production Cross Section



107

Incident Energy (MeV)

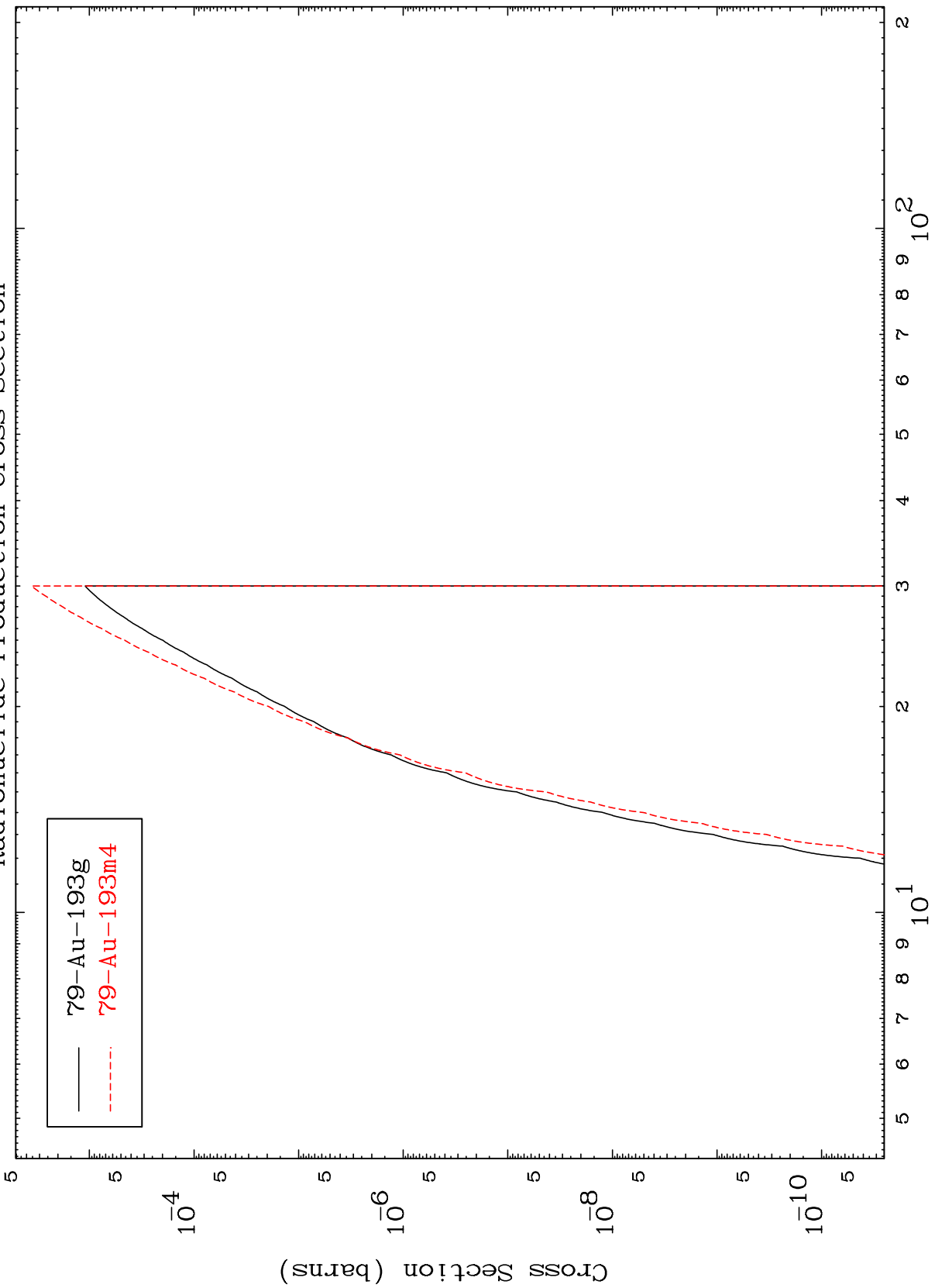
81-Tl-198

MAT 8110

(n,2n)  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



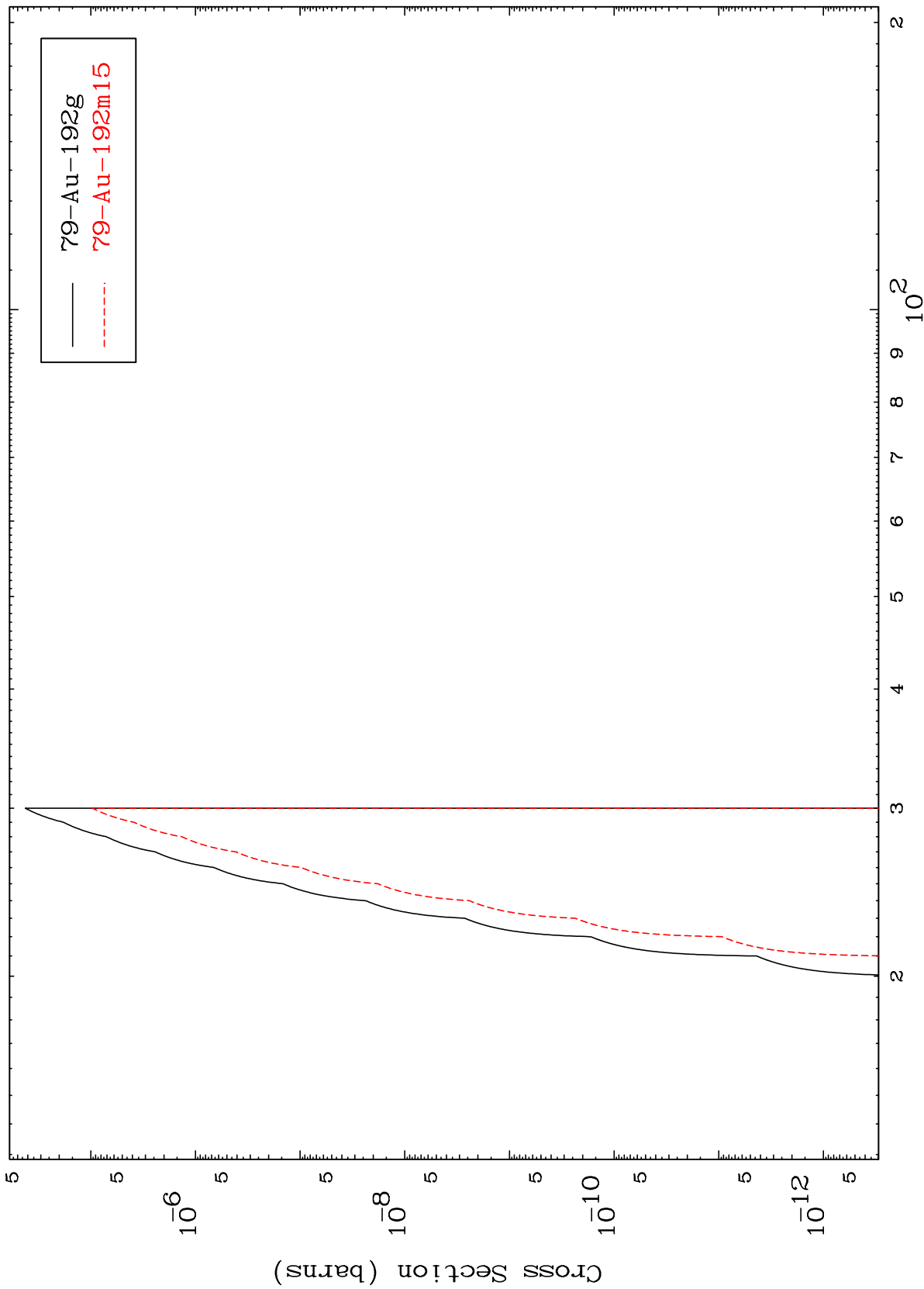
—  $^{193}\text{gAu}$   
- - -  $^{193\text{m}4}\text{Au}$

108

Incident Energy (MeV)

81-Tl-198

Radionuclide Production Cross Section

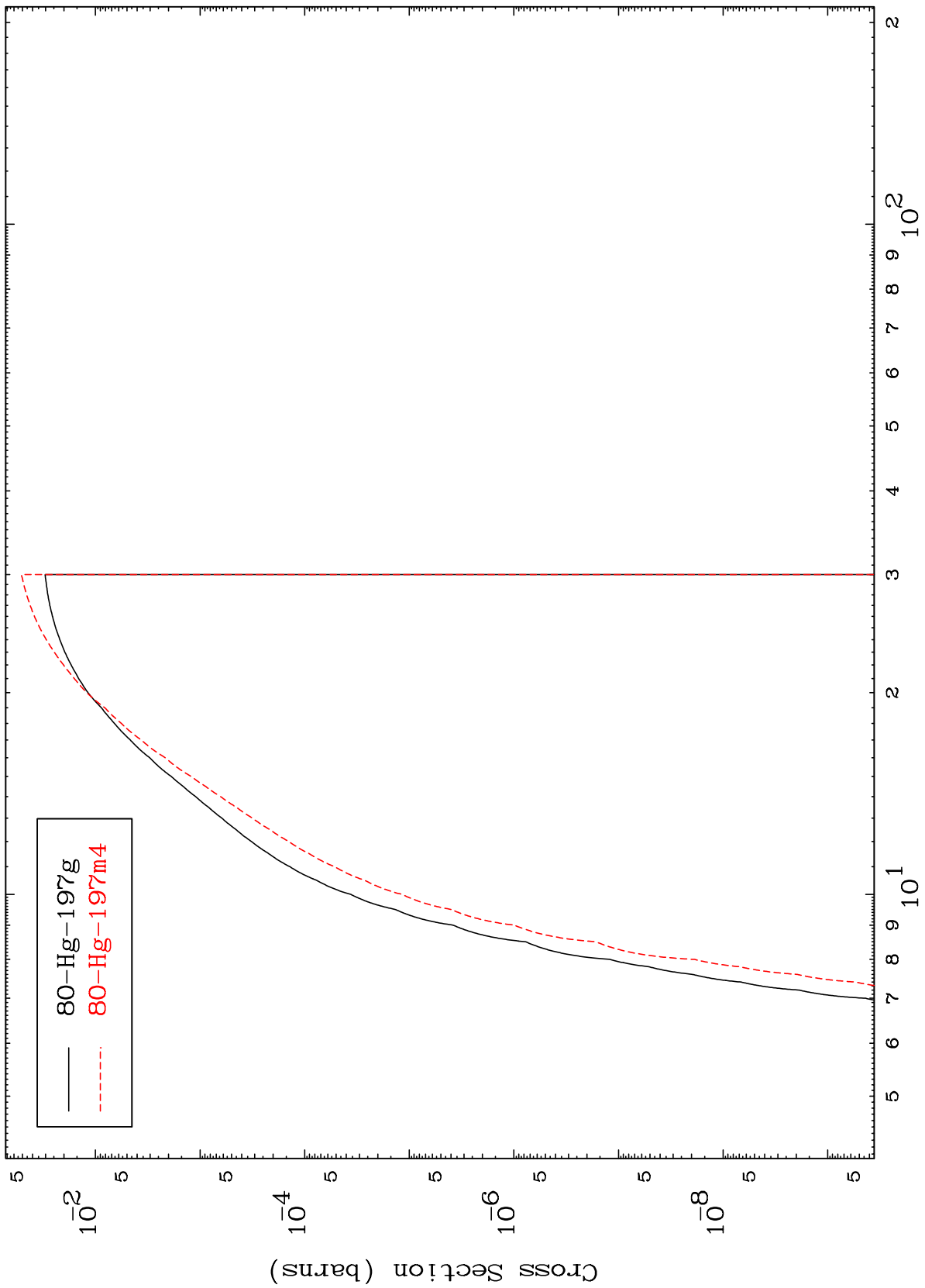


MAT 8110

(n,n') p

81-Tl-198

Radionuclide Production Cross Section



110

Incident Energy (MeV)

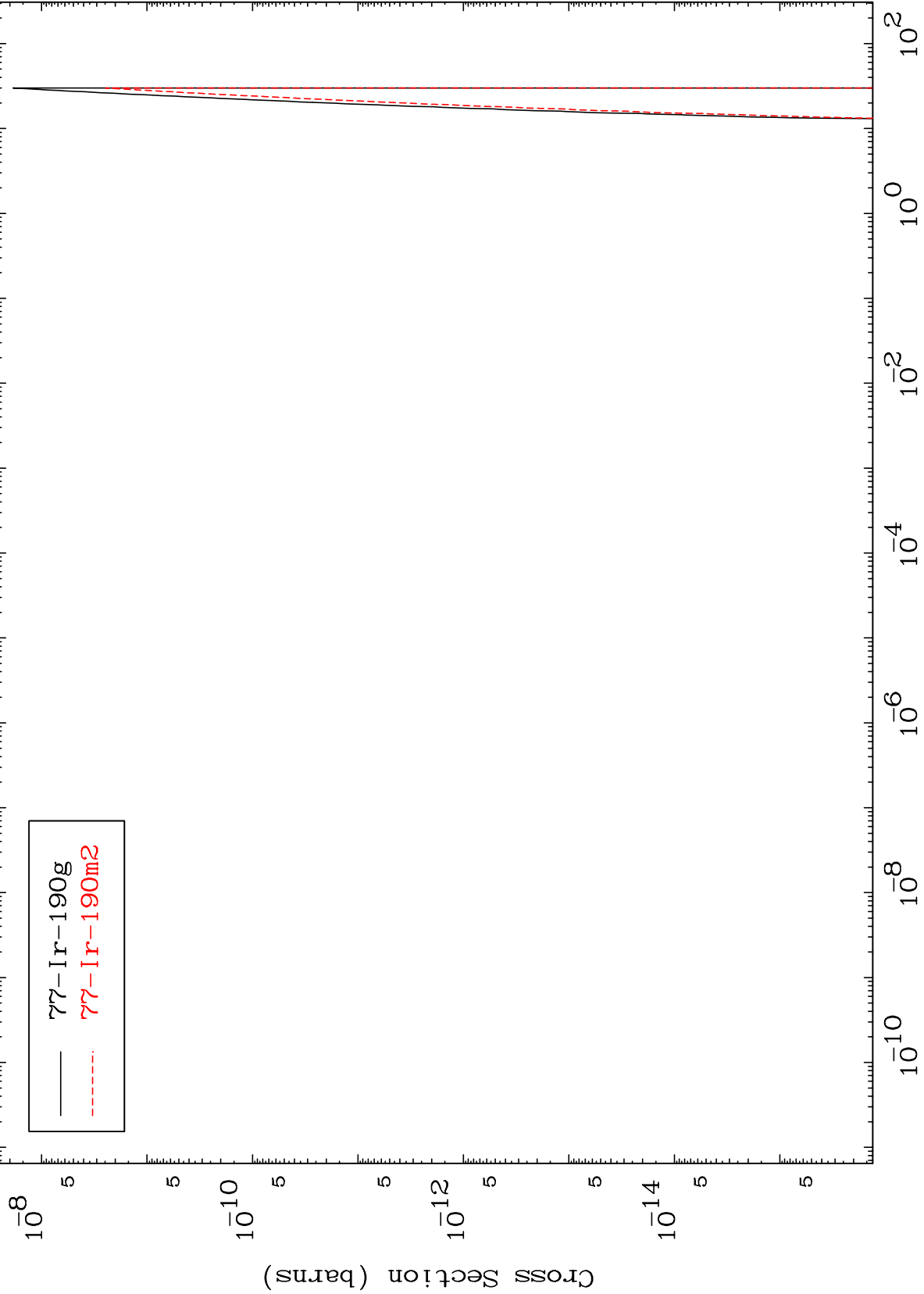
81-Tl-198

MAT 8110

(n,n') 2α

81-Tl-198

Radionuclide Production Cross Section



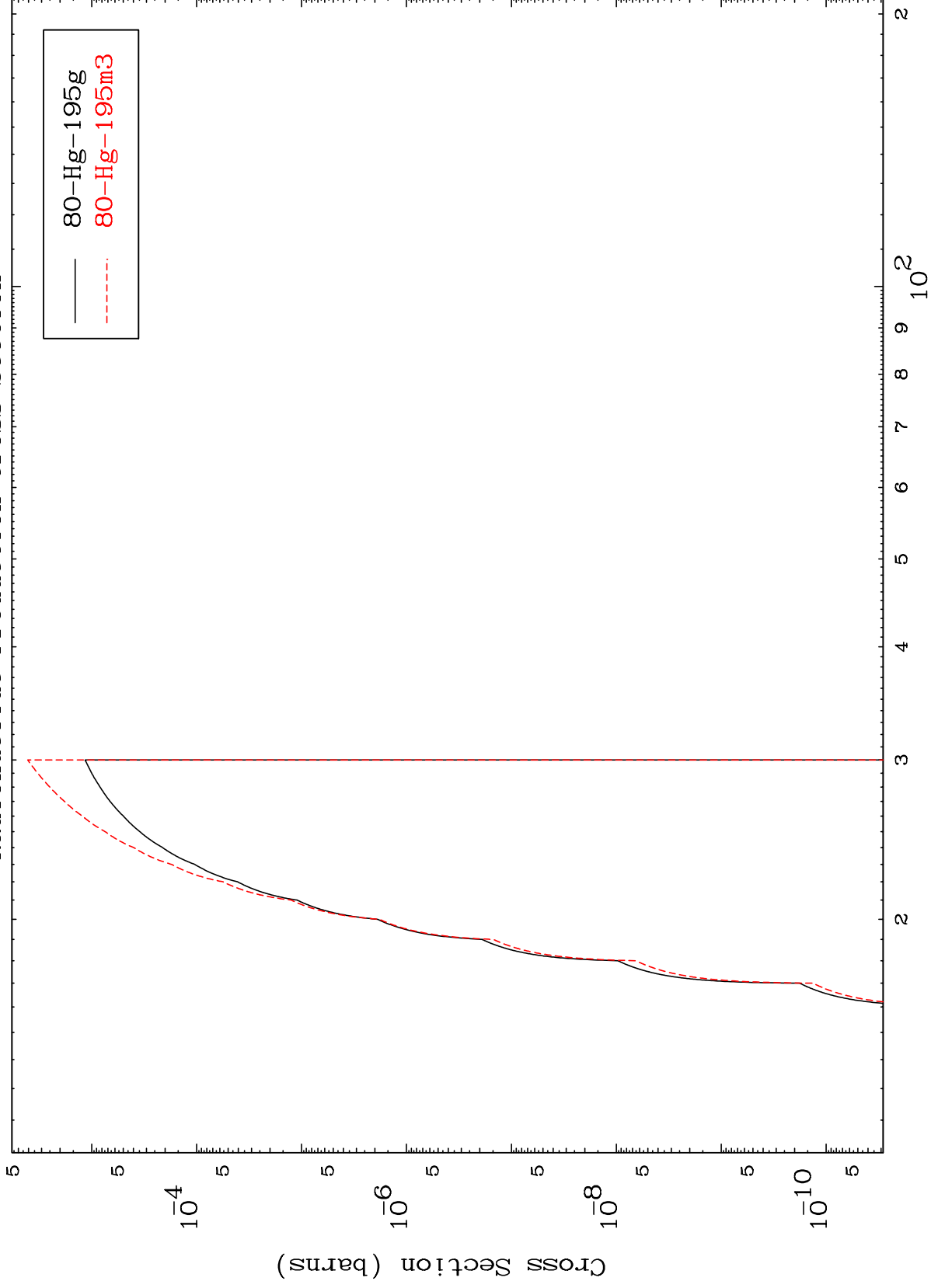
111

Incident Energy (MeV)

81-Tl-198



Radionuclide Production Cross Section

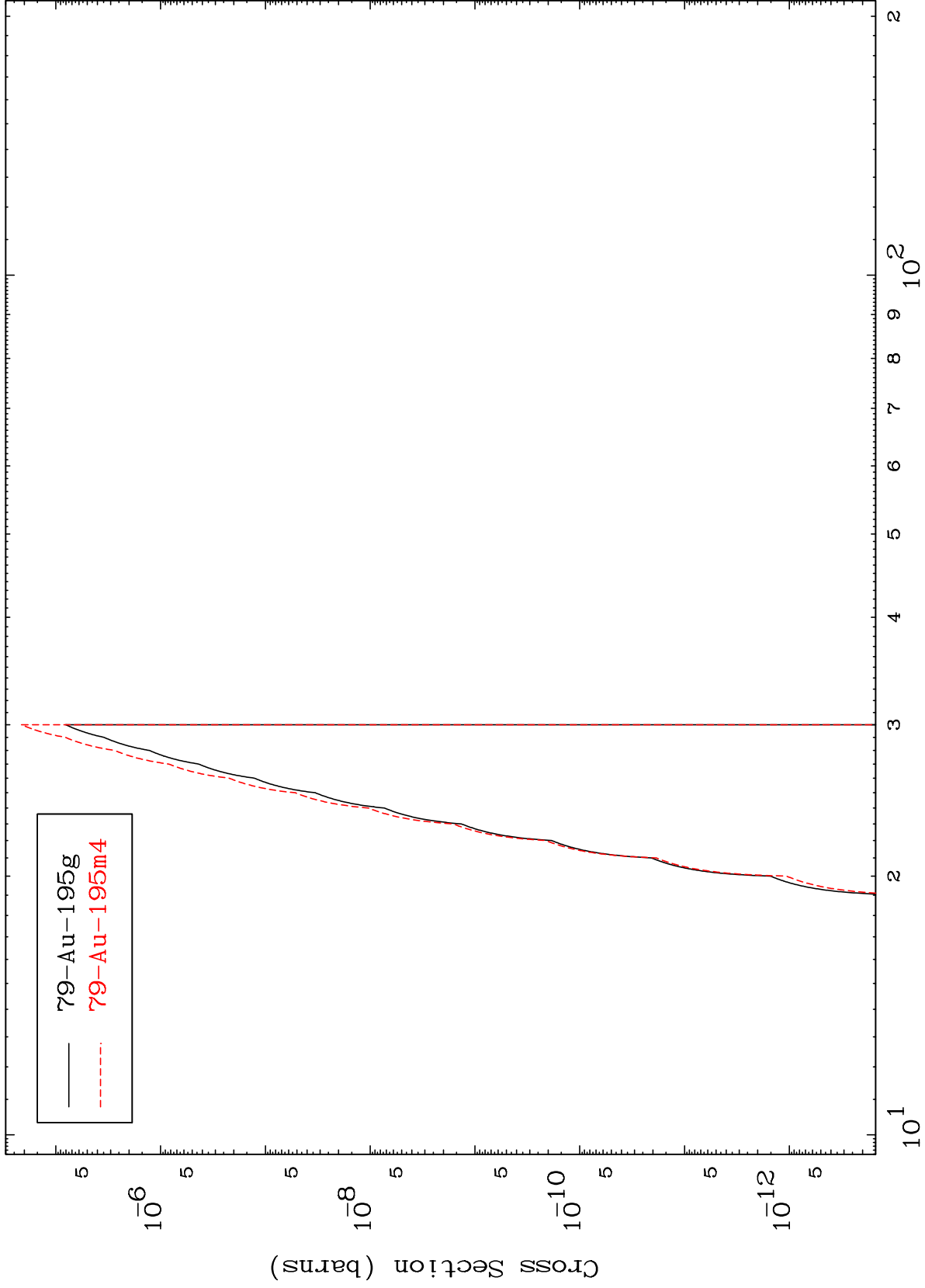


MAT 8110

(n,n') He-3

81-T1-198

Radionuclide Production Cross Section



113

Incident Energy (MeV)

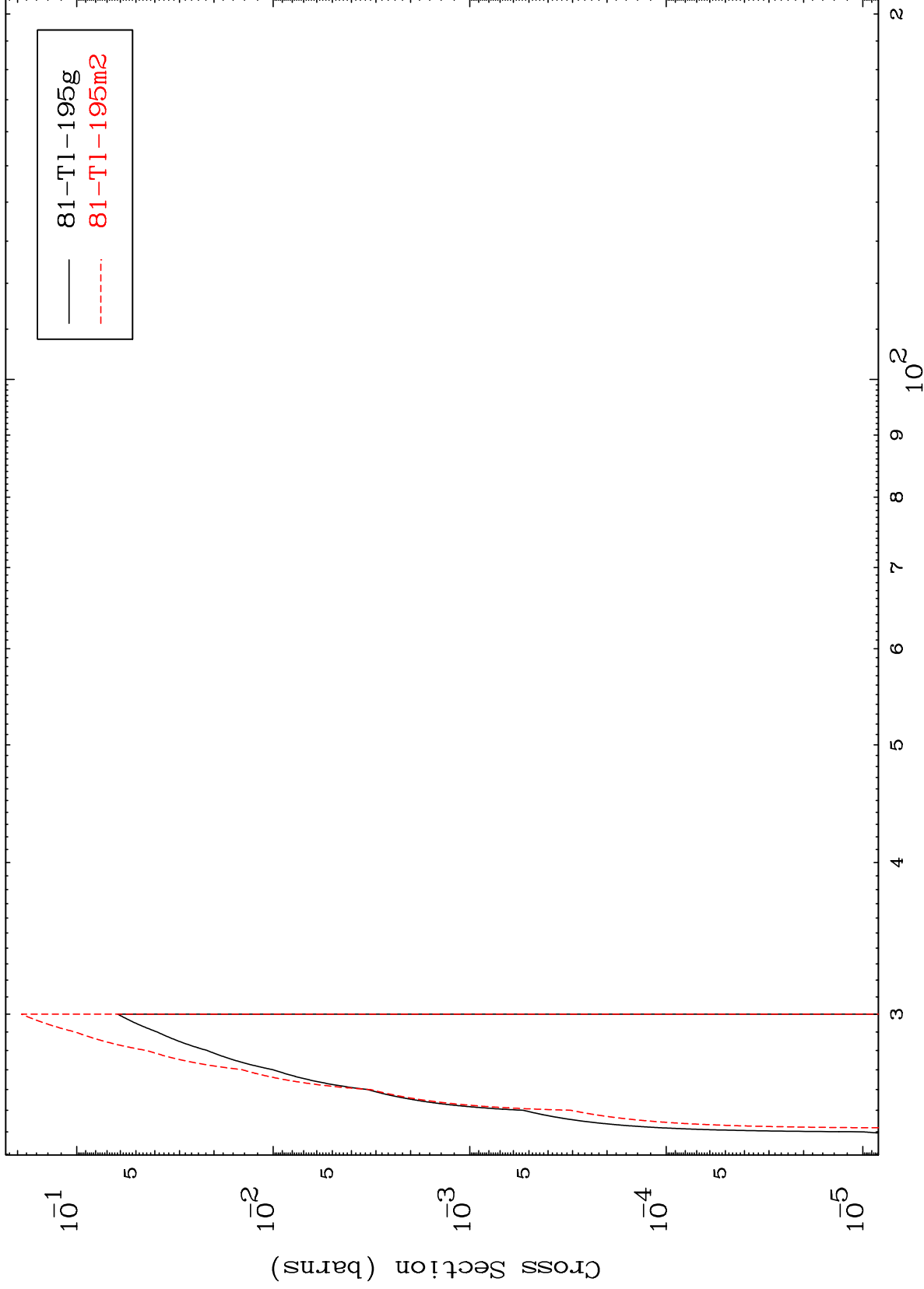
81-T1-198

MAT 8110

(n,4n)

81-Tl-198

Radionuclide Production Cross Section



81-Tl-195g  
81-Tl-195m2

114

Incident Energy (MeV)

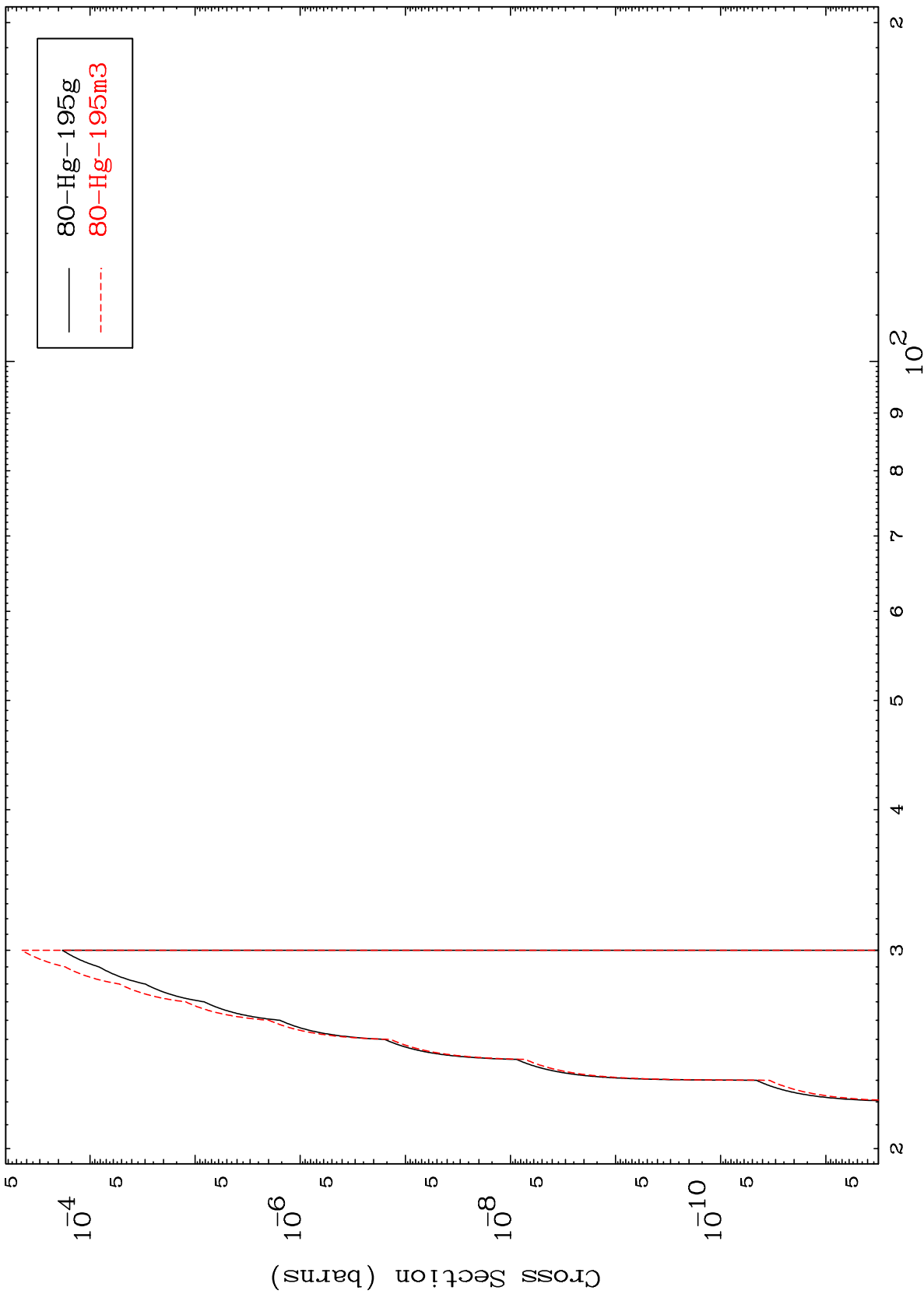
81-Tl-198

MAT 8110

(n,3n) p

81-T1-198

Radionuclide Production Cross Section

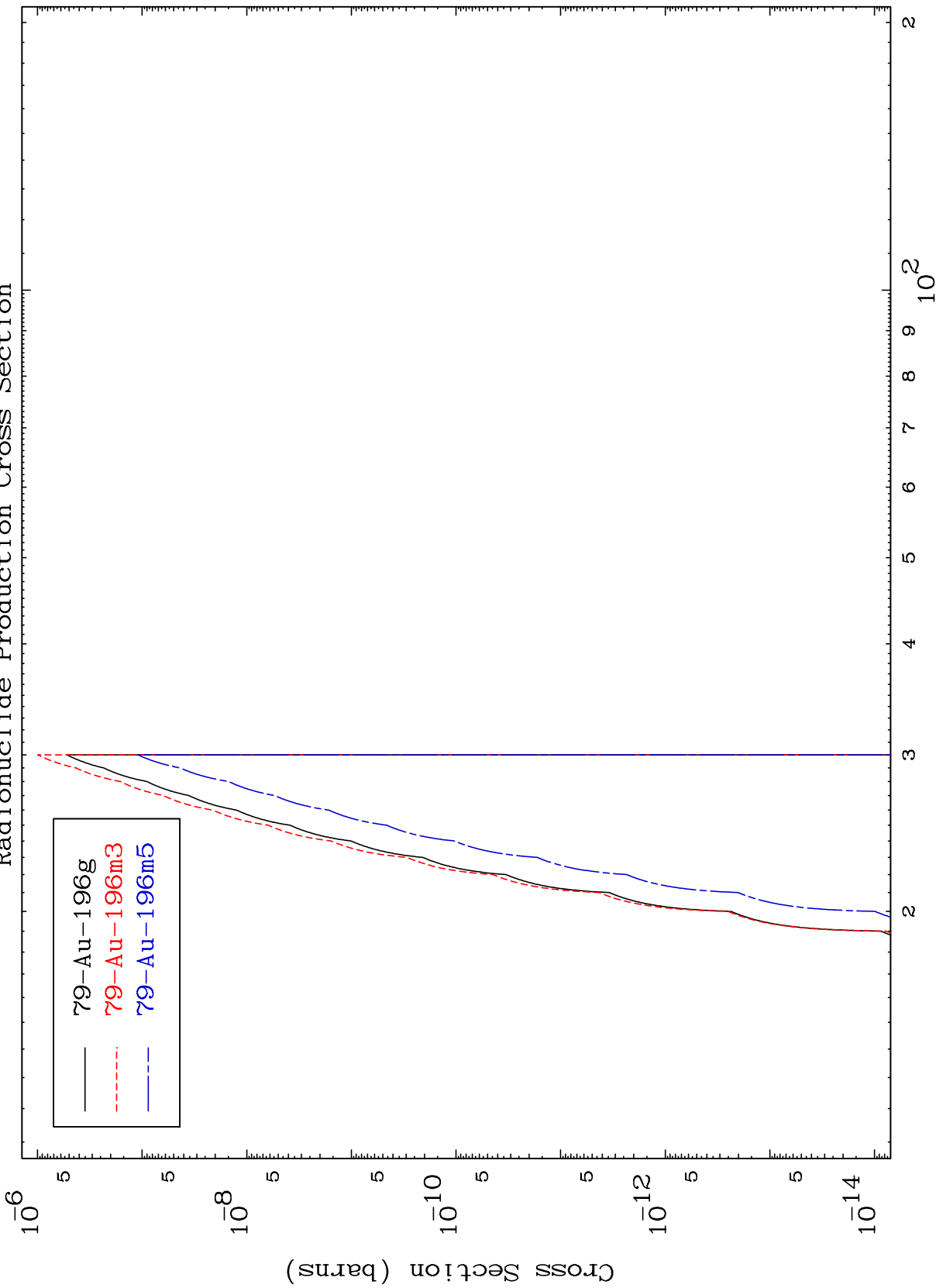


115

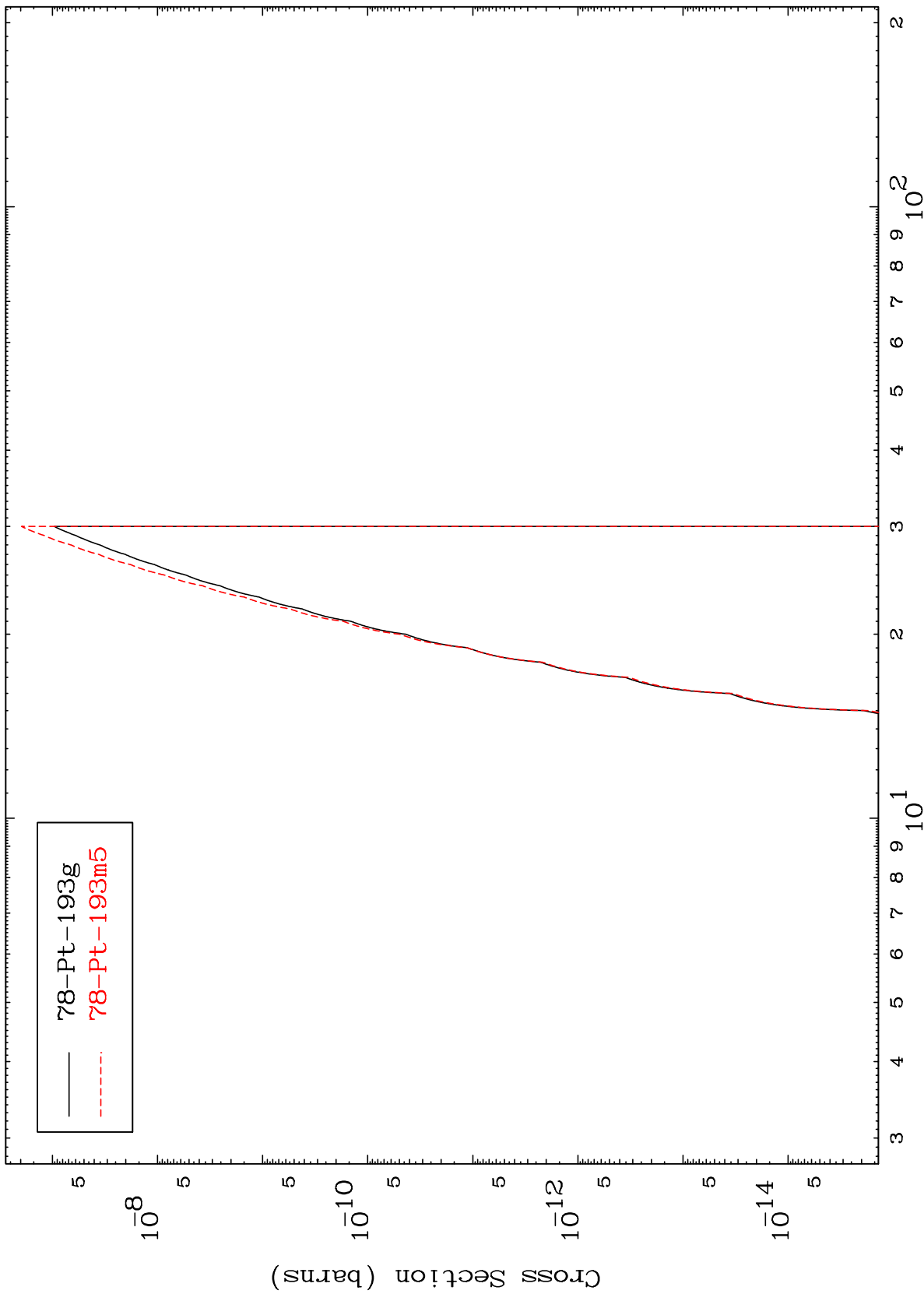
Incident Energy (MeV)

81-T1-198

Radionuclide Production Cross Section



Radionuclide Production Cross Section

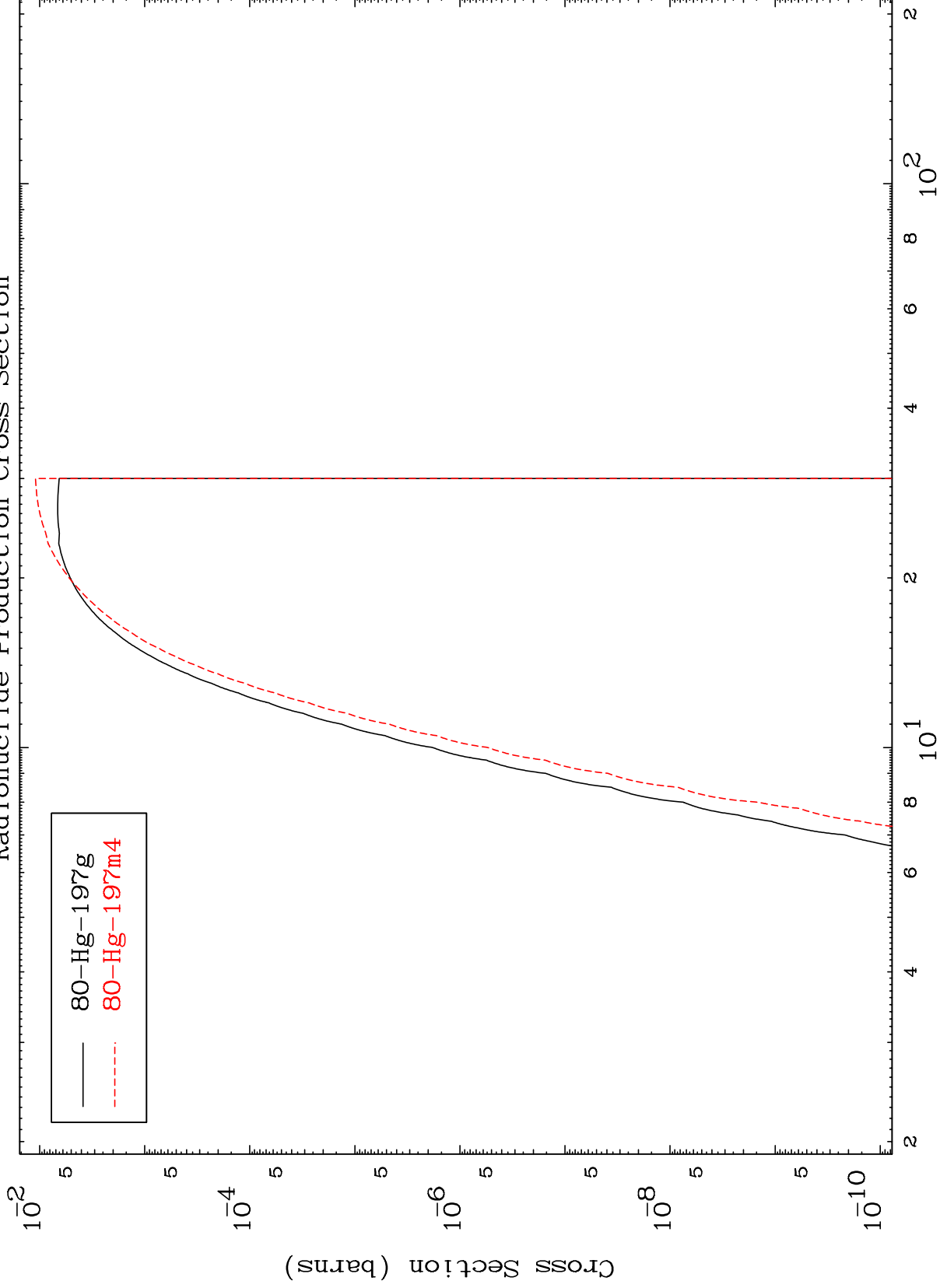


MAT 8110

(n,d)

81-Tl-198

Radionuclide Production Cross Section

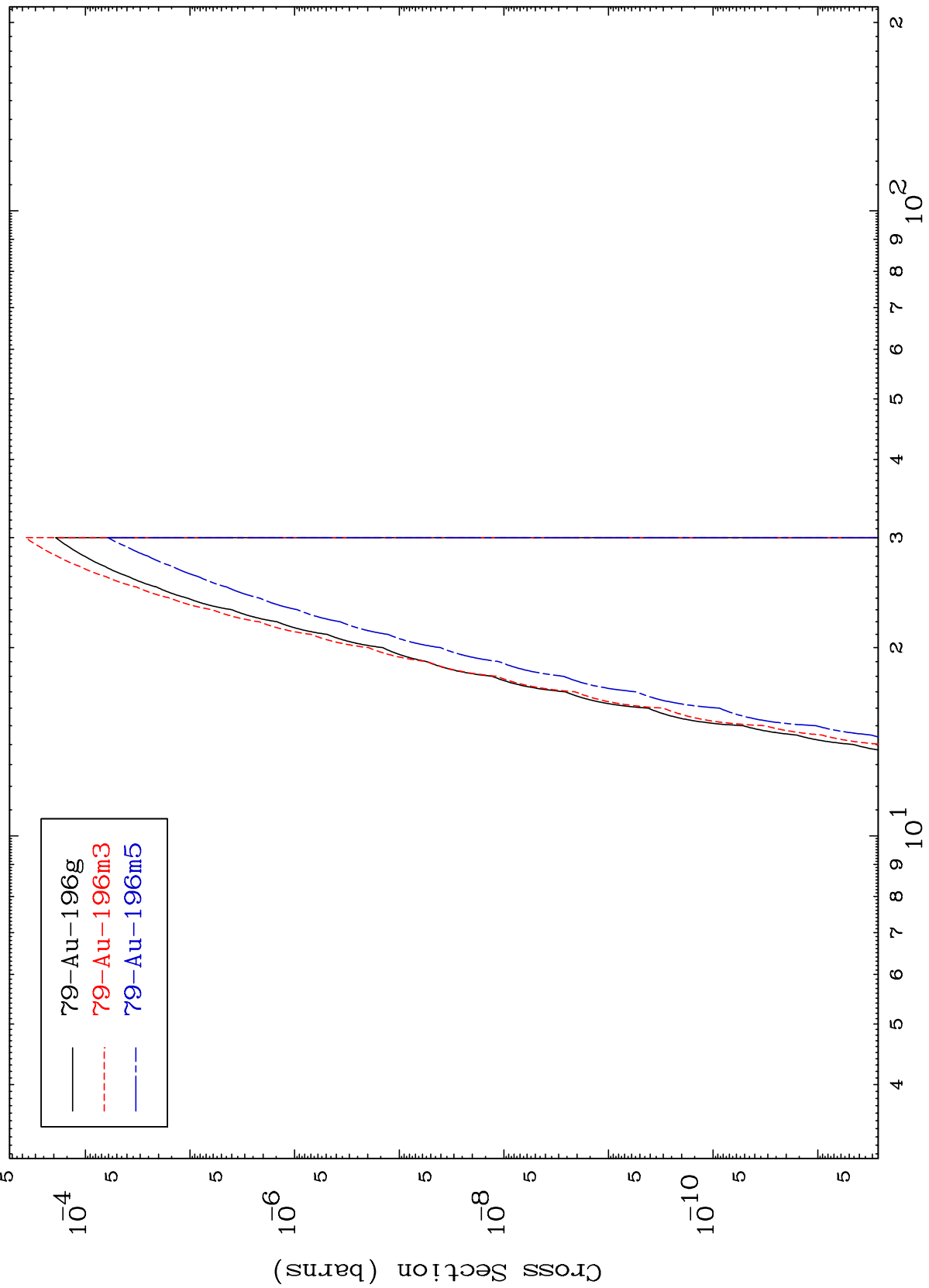


118

Incident Energy (MeV)

81-Tl-198

Radionuclide Production Cross Section  
(n,He-3)

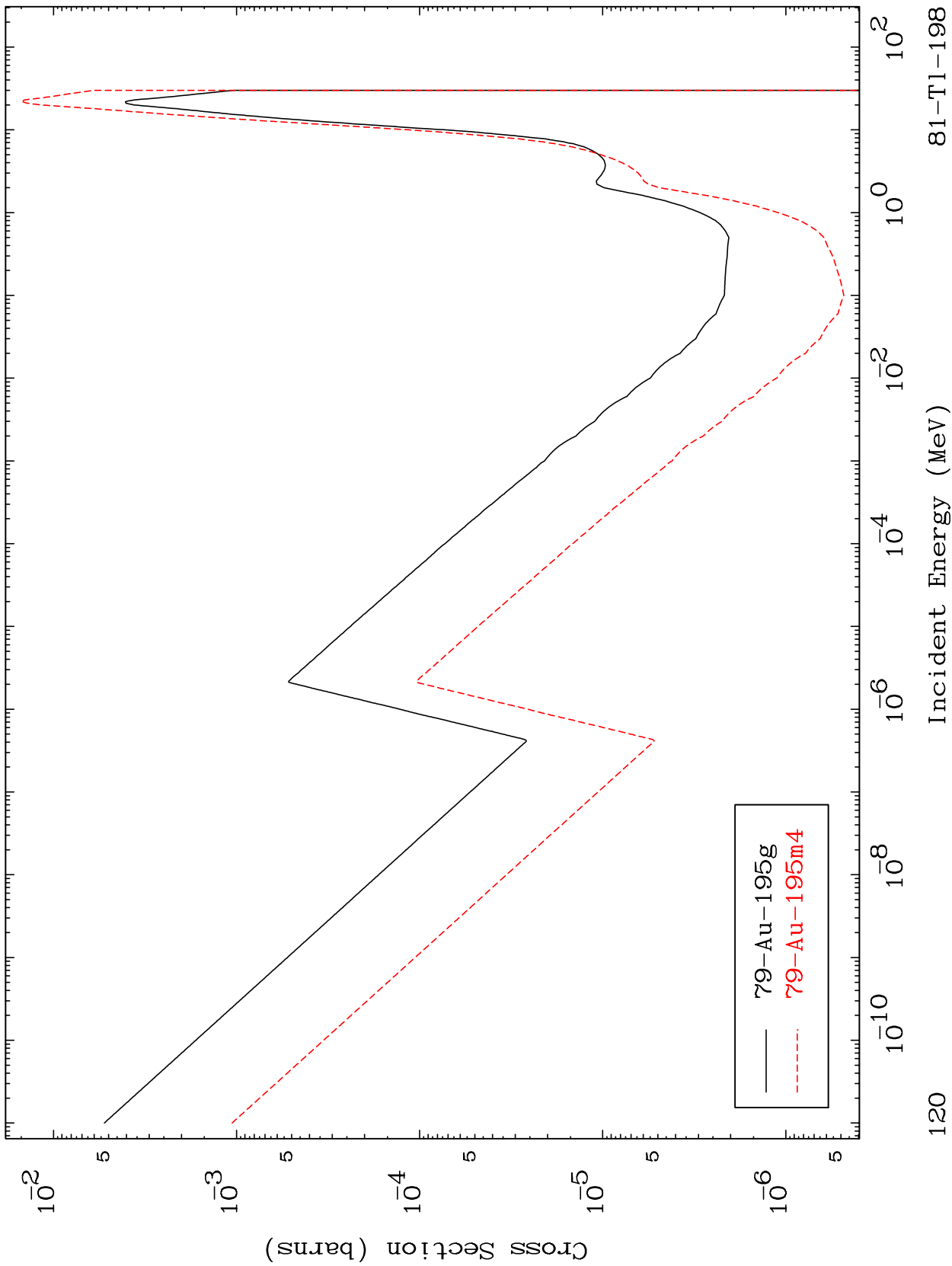




MAT 8110

81-Tl-198

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

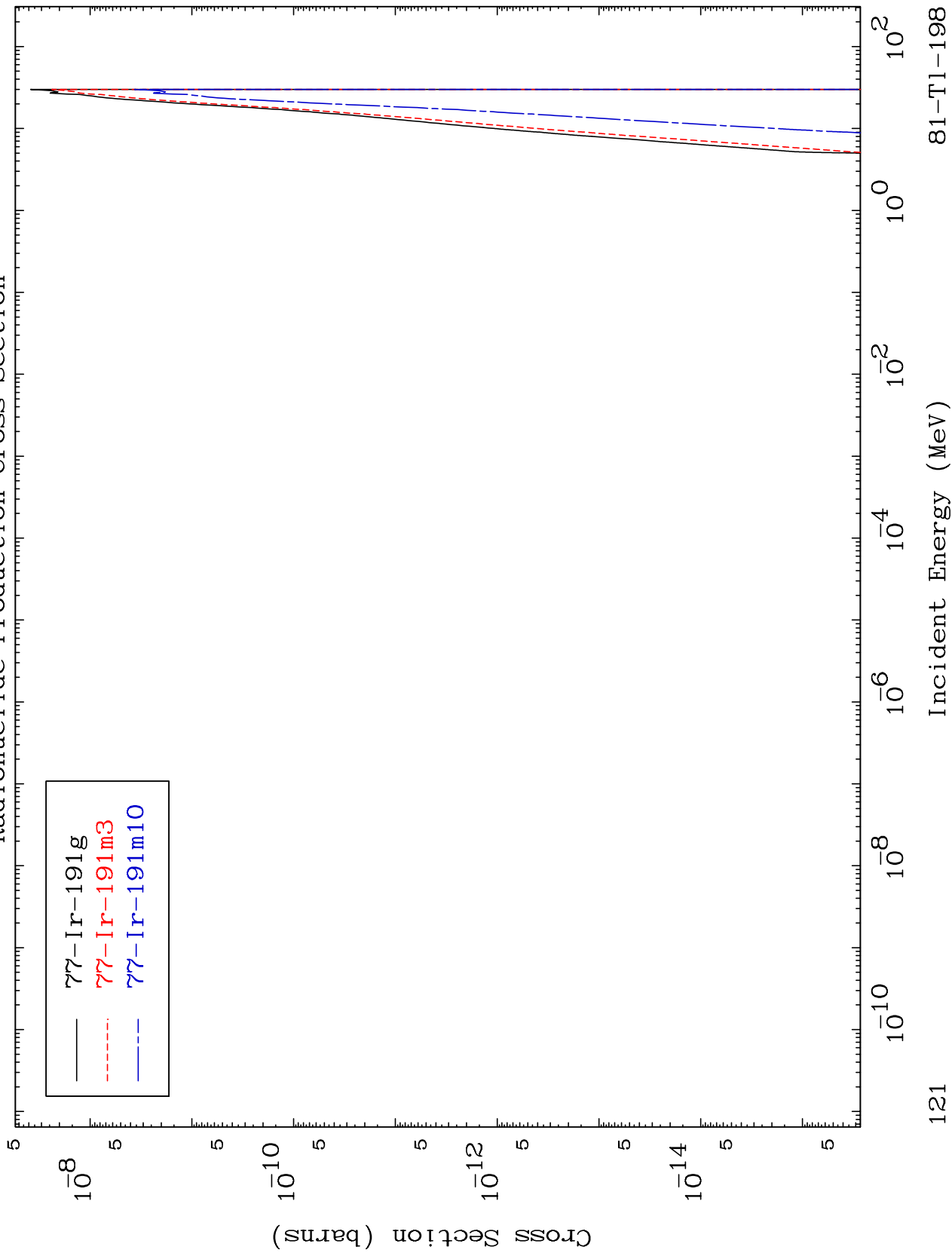


120

MAT 8110

81-Tl-198

Radionuclide Production Cross Section  
(n,2α)

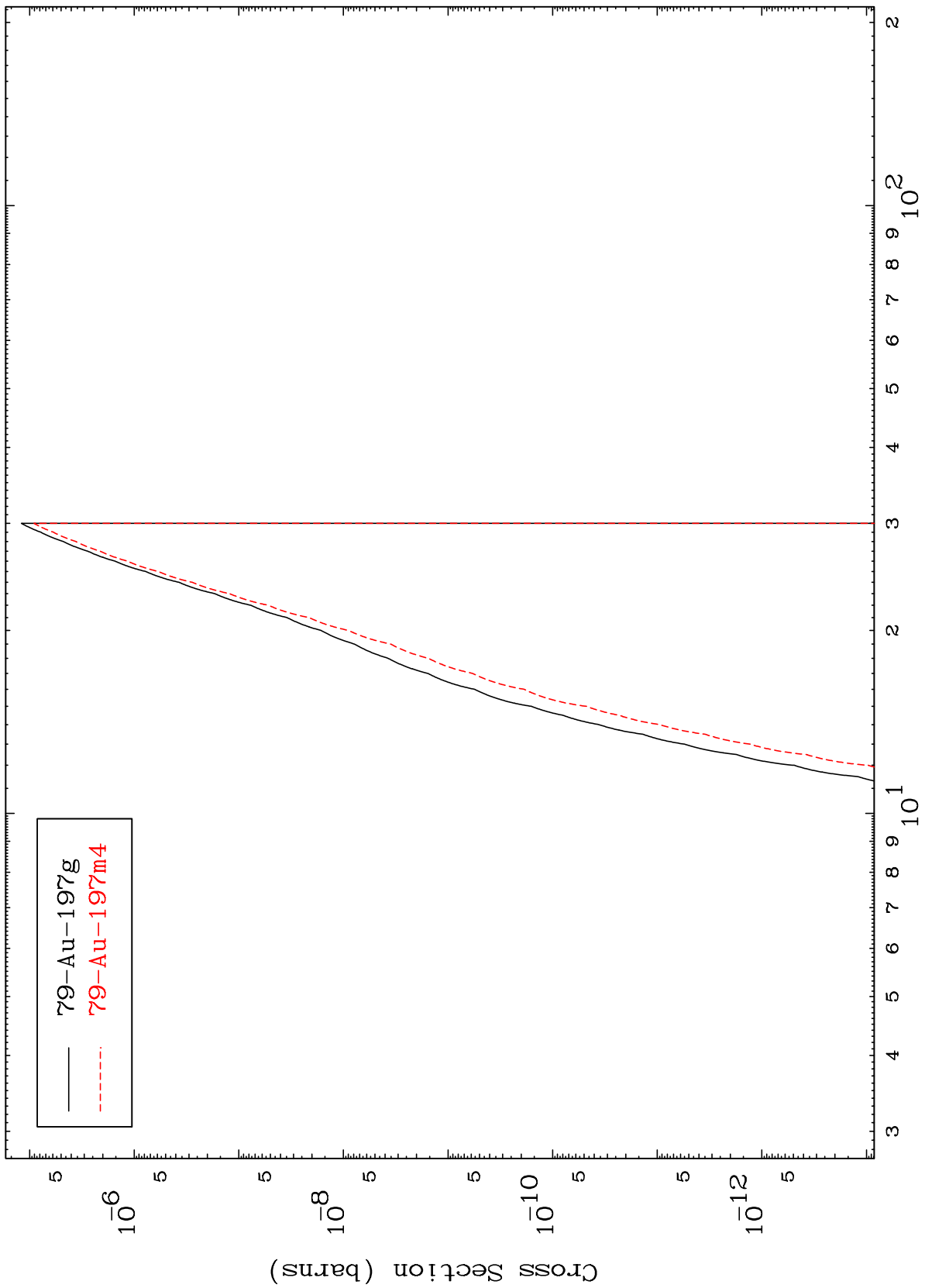


121

MAT 8110

81-Tl-198

(n,2p)  
Radionuclide Production Cross Section



122

Incident Energy (MeV)

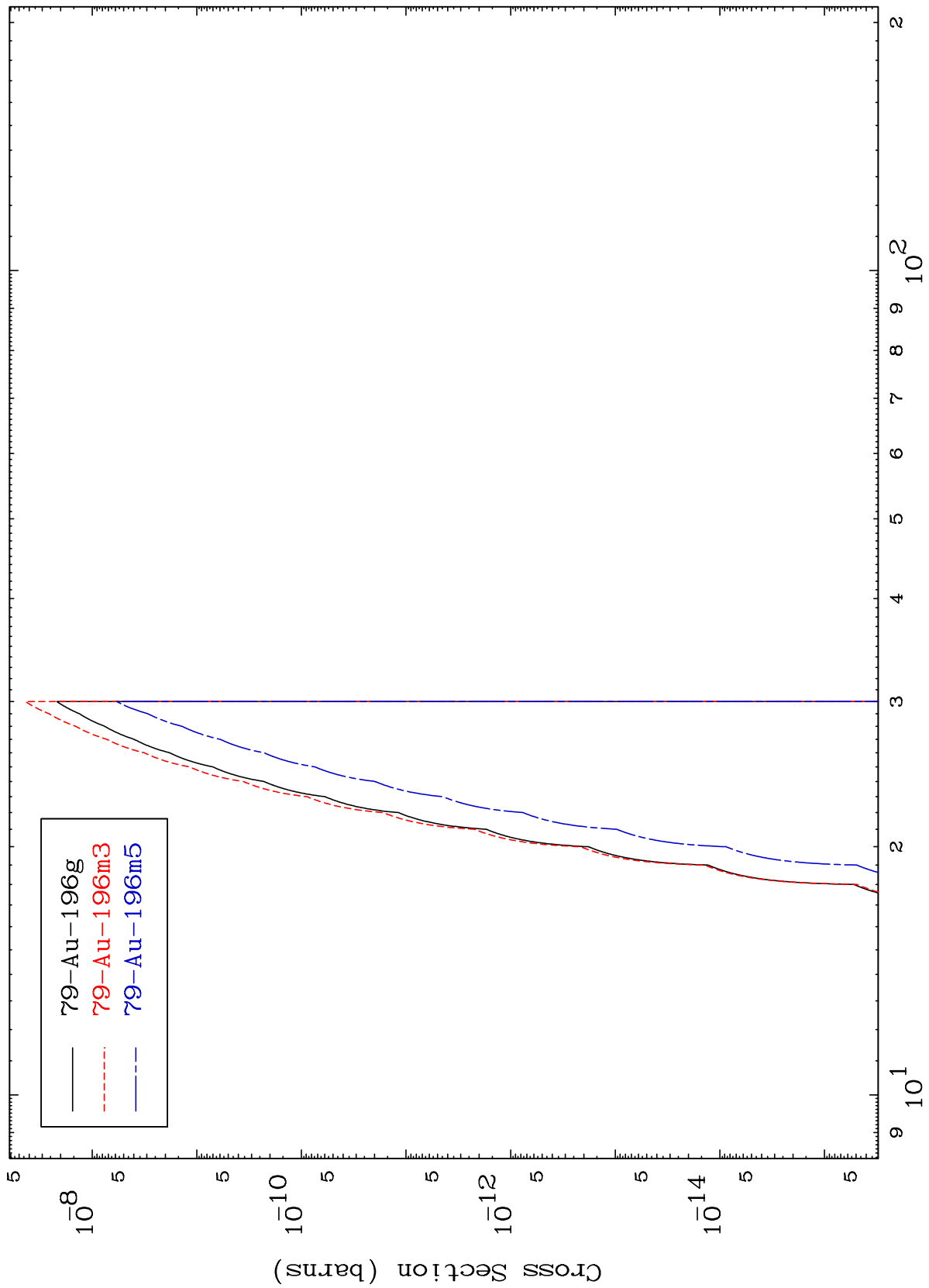
81-Tl-198

MAT 8110

(n,p) d

81-Tl-198

Radionuclide Production Cross Section



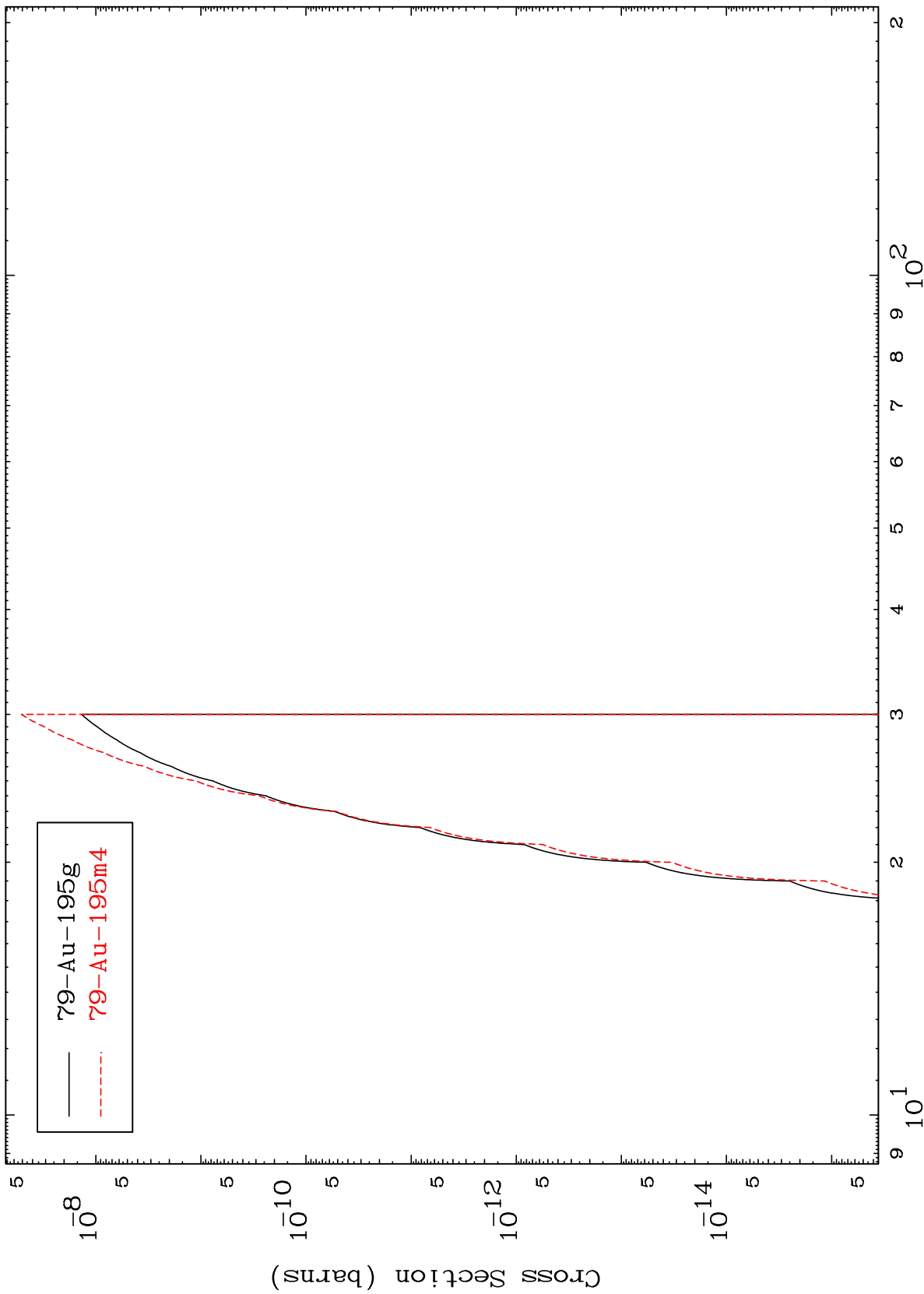
79-Au-196g  
79-Au-196m3  
79-Au-196m5

MAT 8110

(n,p) t

81-Tl-198

Radionuclide Production Cross Section



Incident Energy (MeV)

81-Tl-198

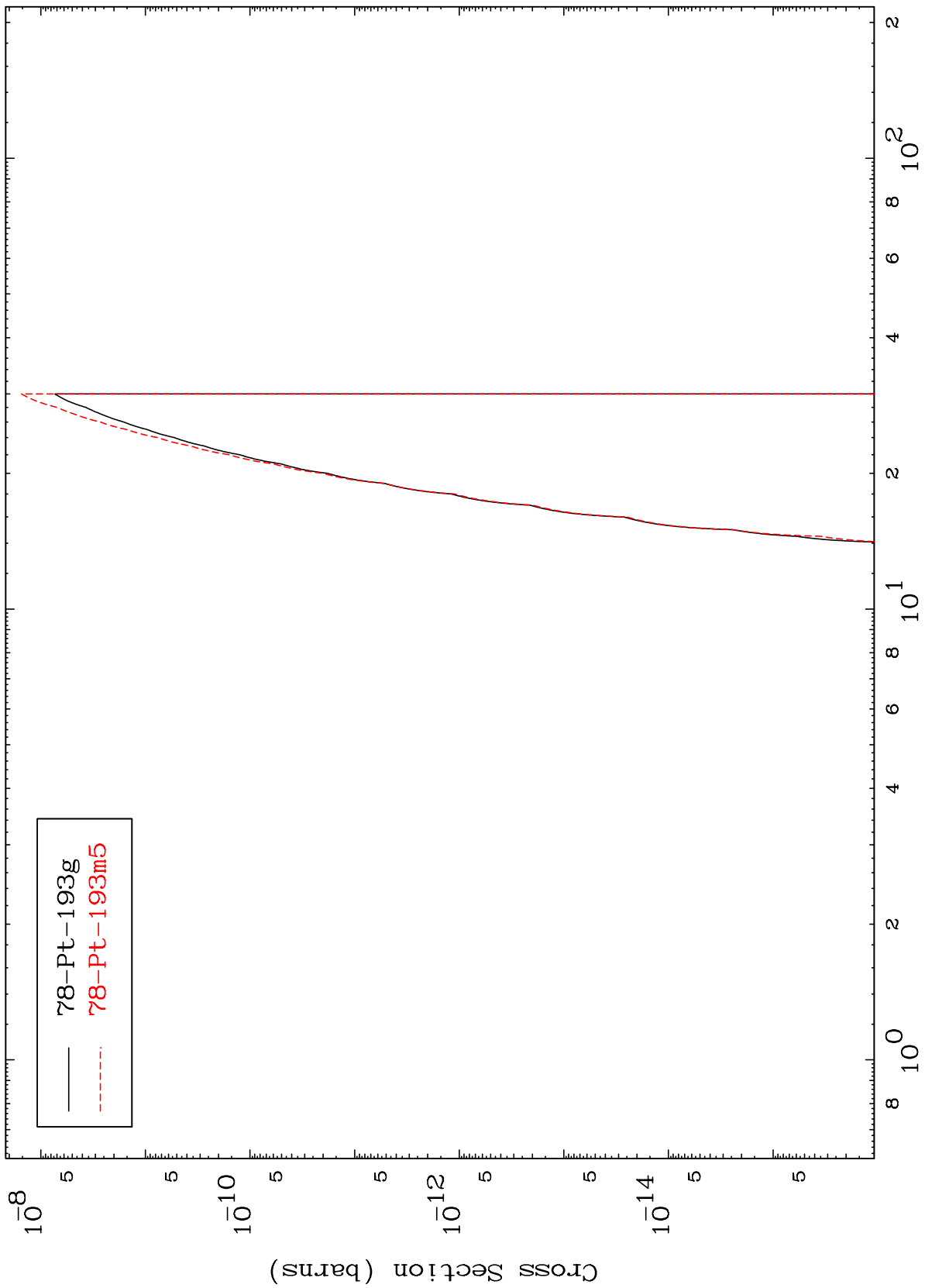
124

MAT 8110

(n,d)  $\alpha$

81-Tl-198

Radionuclide Production Cross Section



125

Incident Energy (MeV)

81-Tl-198