

Program EVALPLOT  
(Version 2015-2)

by

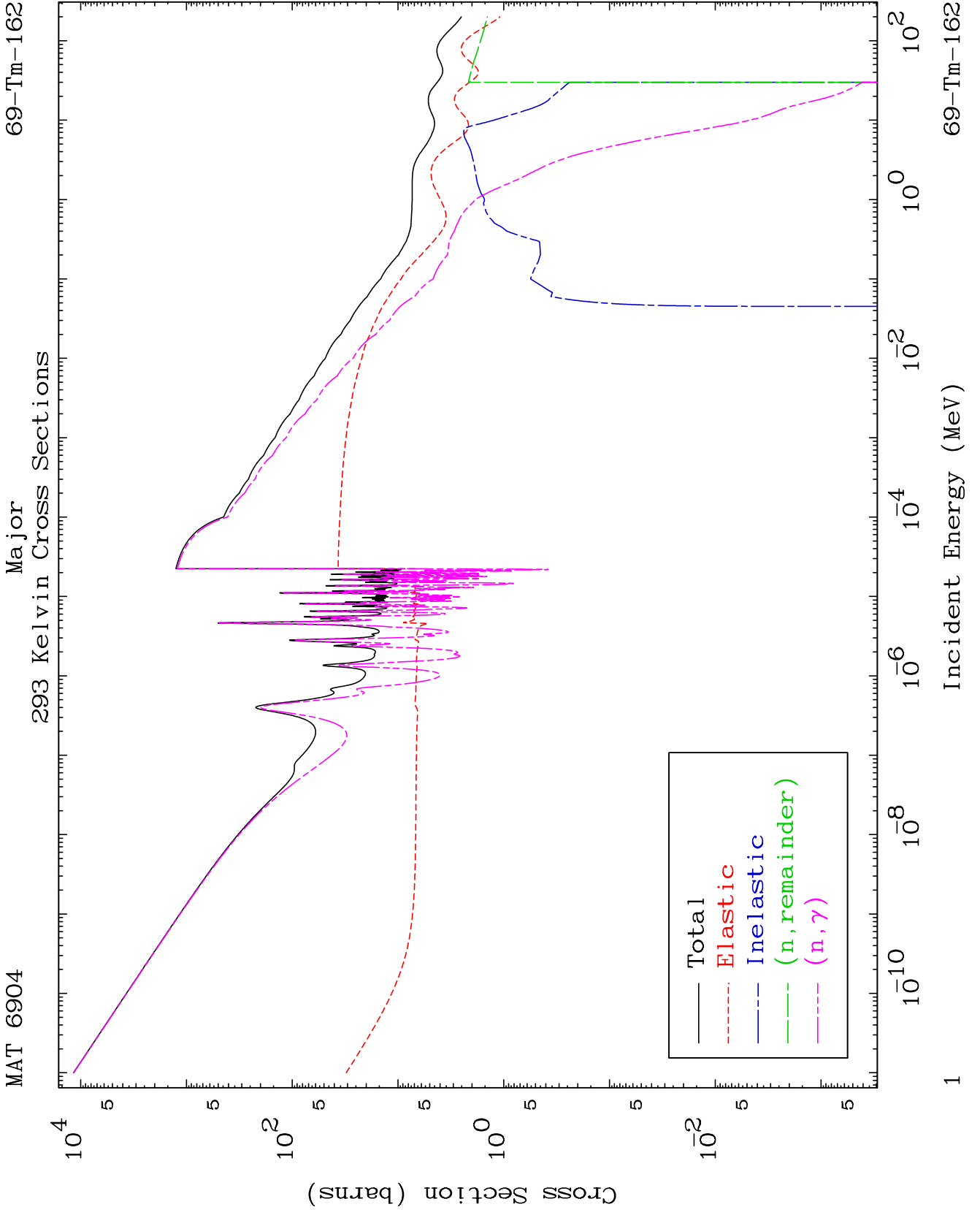
Dermott E. Cullen  
(Present Contact Information)

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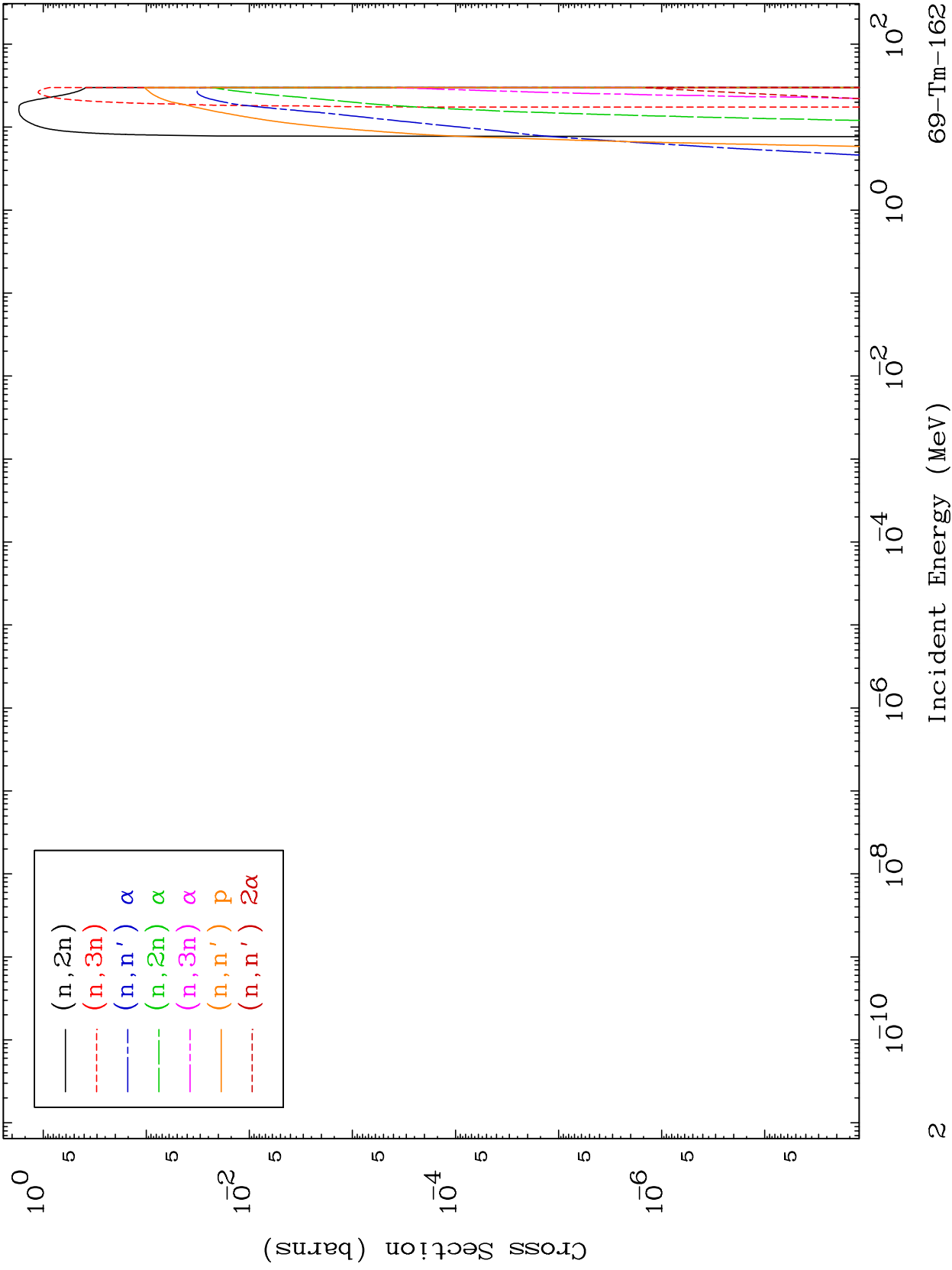
Press Mouse Button to Start



MAT 6904

Neutron Production  
293 Kelvin Cross Sections

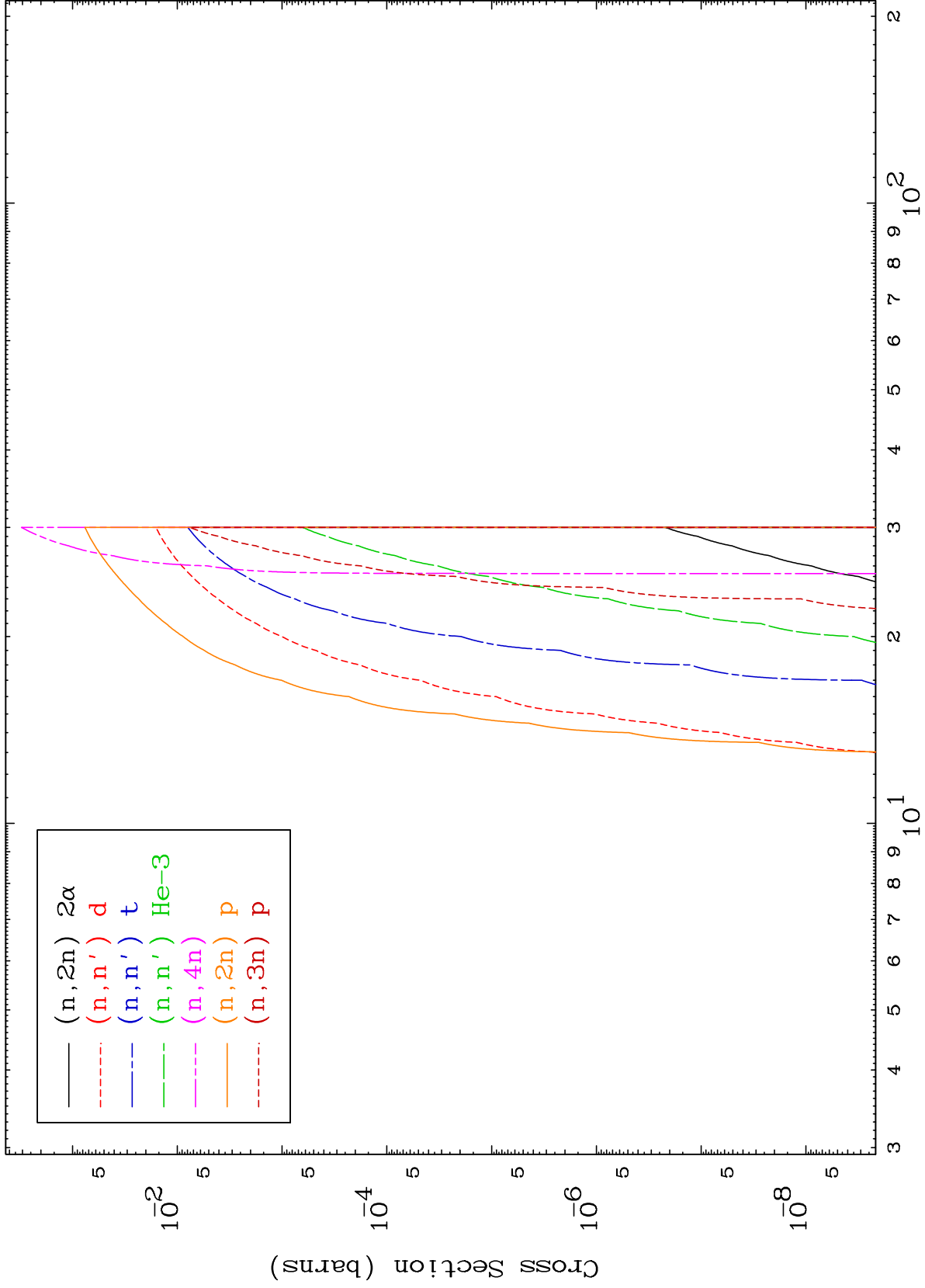
69-Tm-162



MAT 6904

Neutron Production  
293 Kelvin Cross Sections

69-Tm-162



69-Tm-162

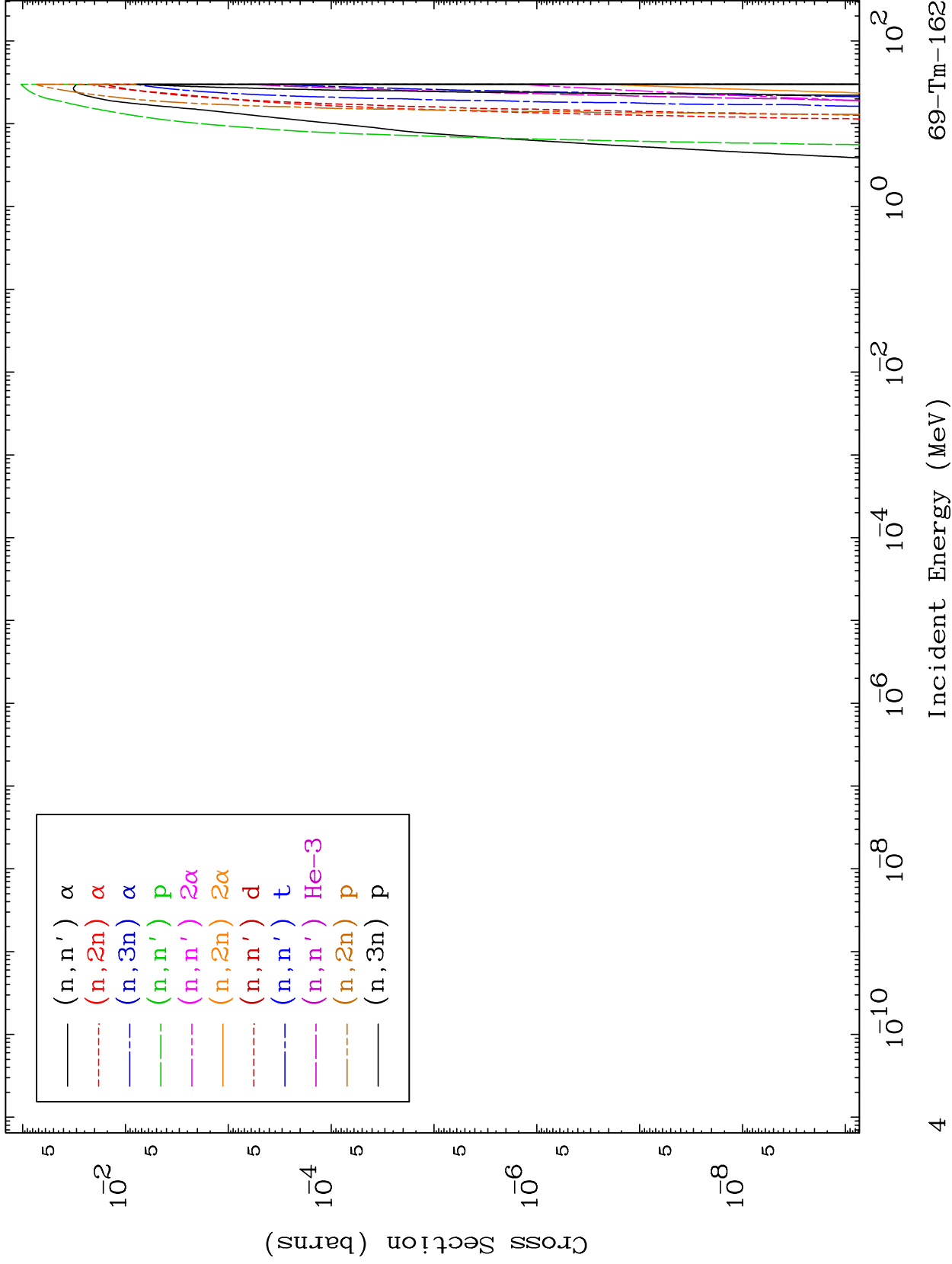
Incident Energy (MeV)

3

MAT 6904

Charged Particle  
293 Kelvin Cross Sections

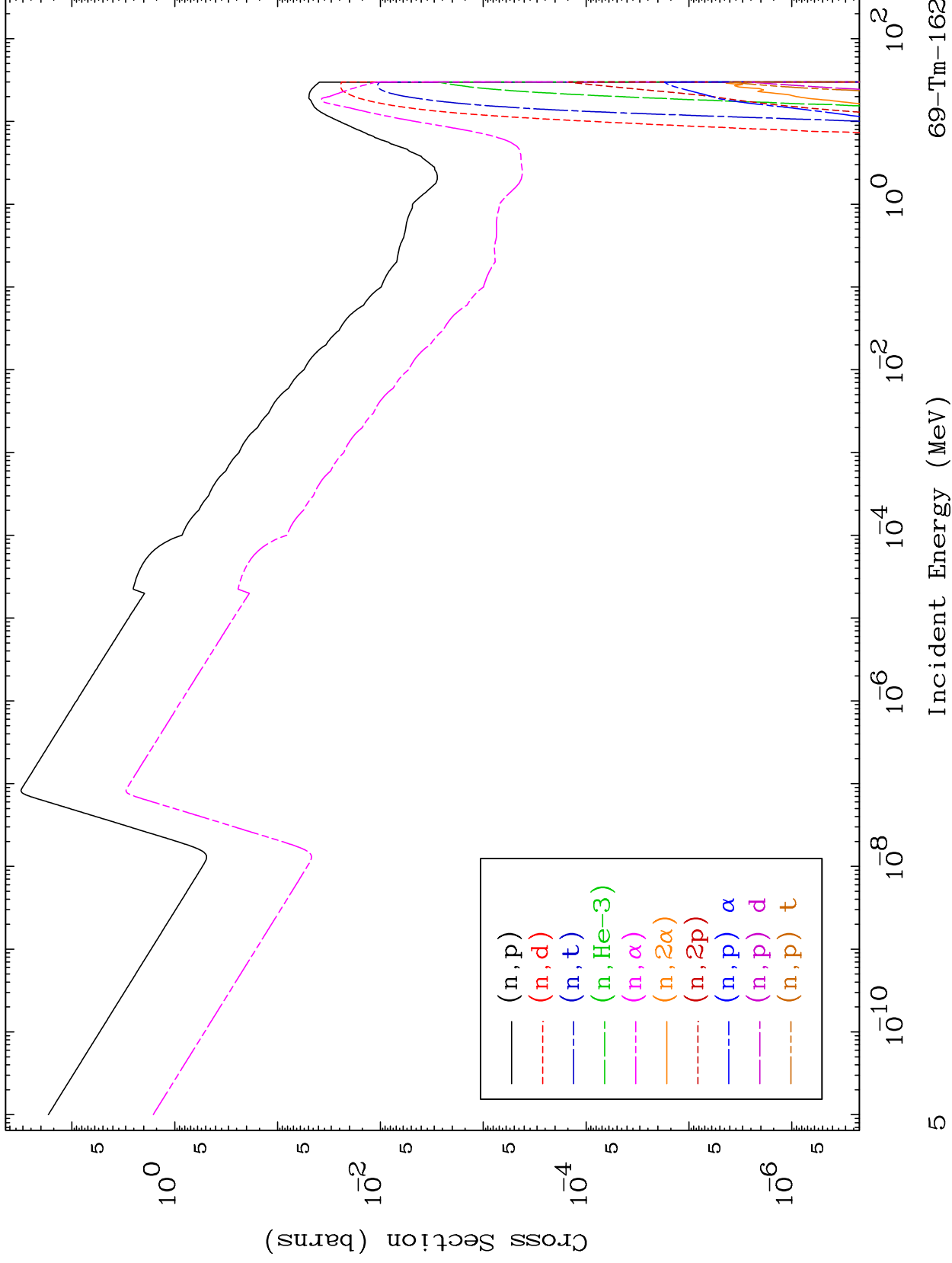
69-Tm-162



MAT 6904

Charged Particle  
293 Kelvin Cross Sections

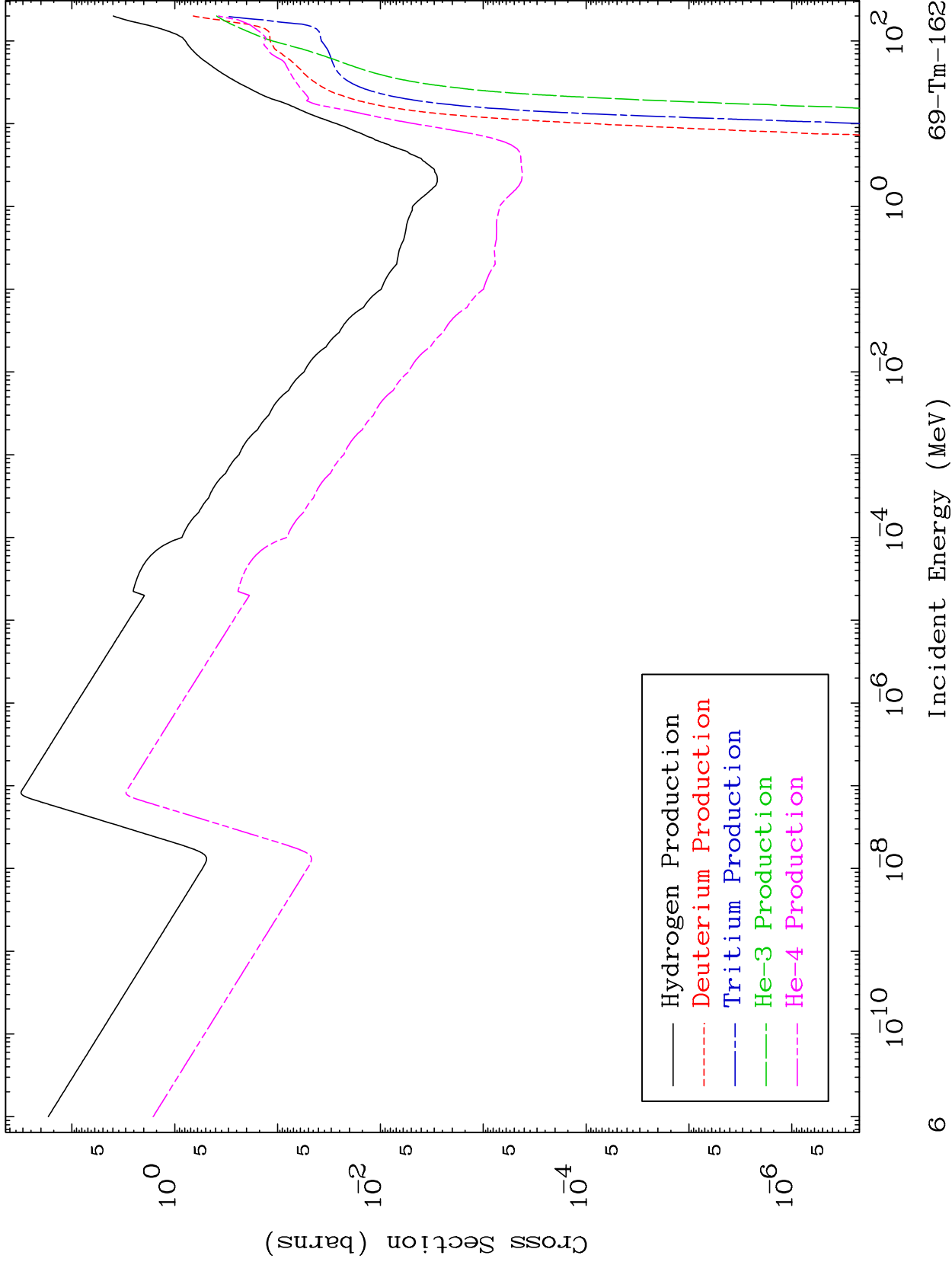
69-Tm-162



MAT 6904

Particle Production  
293 Kelvin Cross Sections

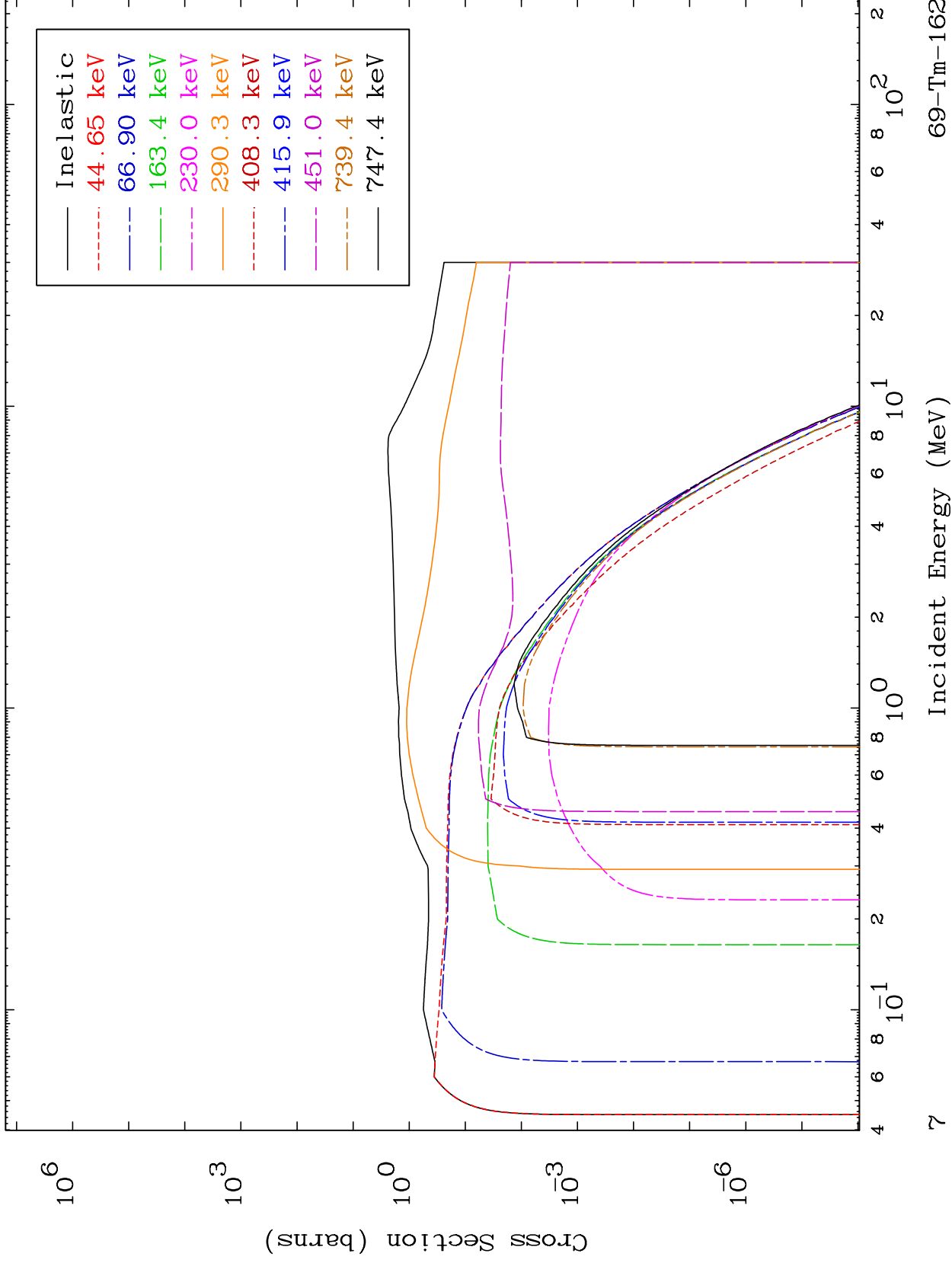
69-Tm-162



MAT 6904

(n,n') Level  
293 Kelvin Cross Sections

69-Tm-162



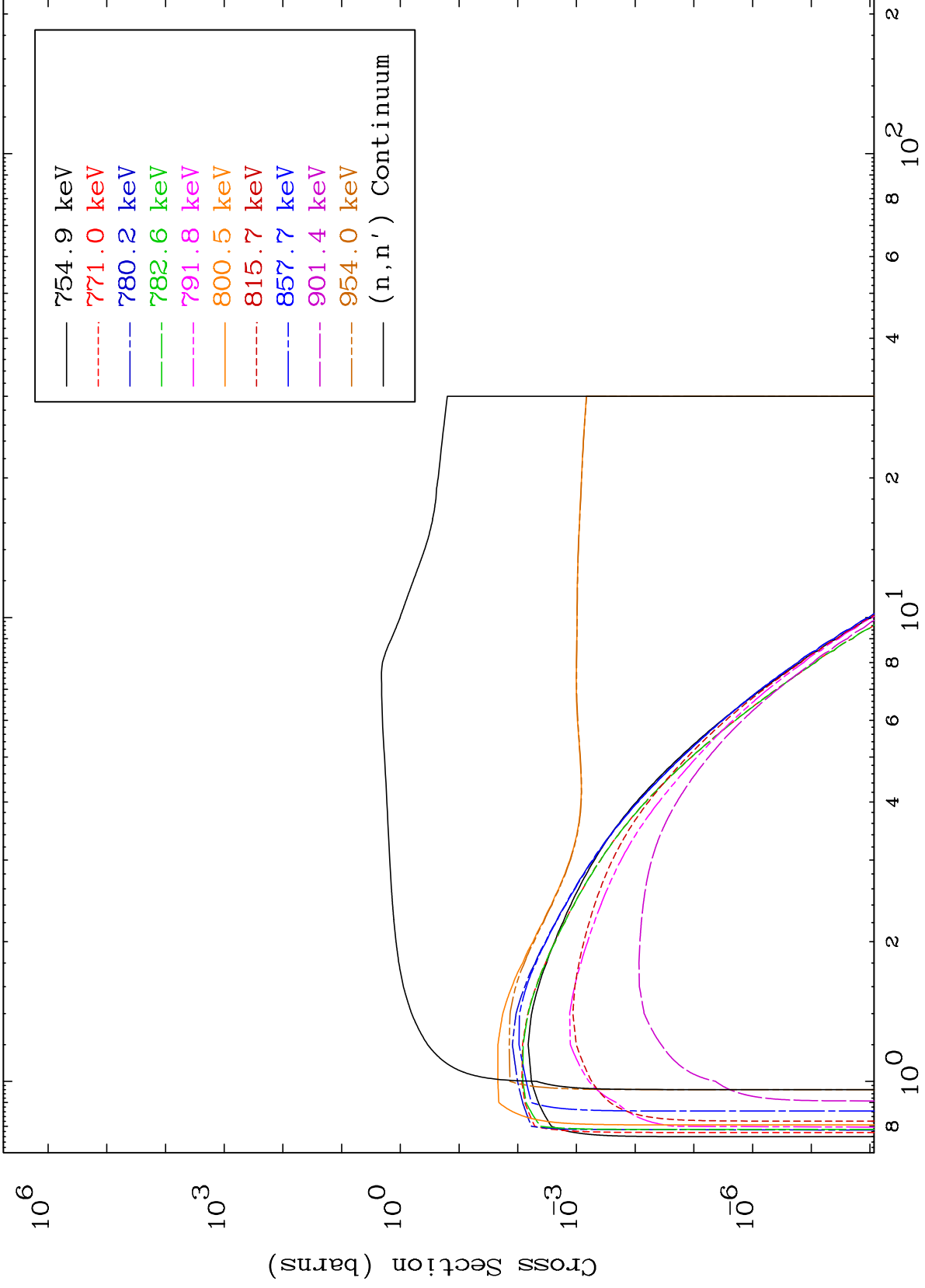


MAT 6904

(n,n') Level

69-Tm-162

293 Kelvin Cross Sections



8

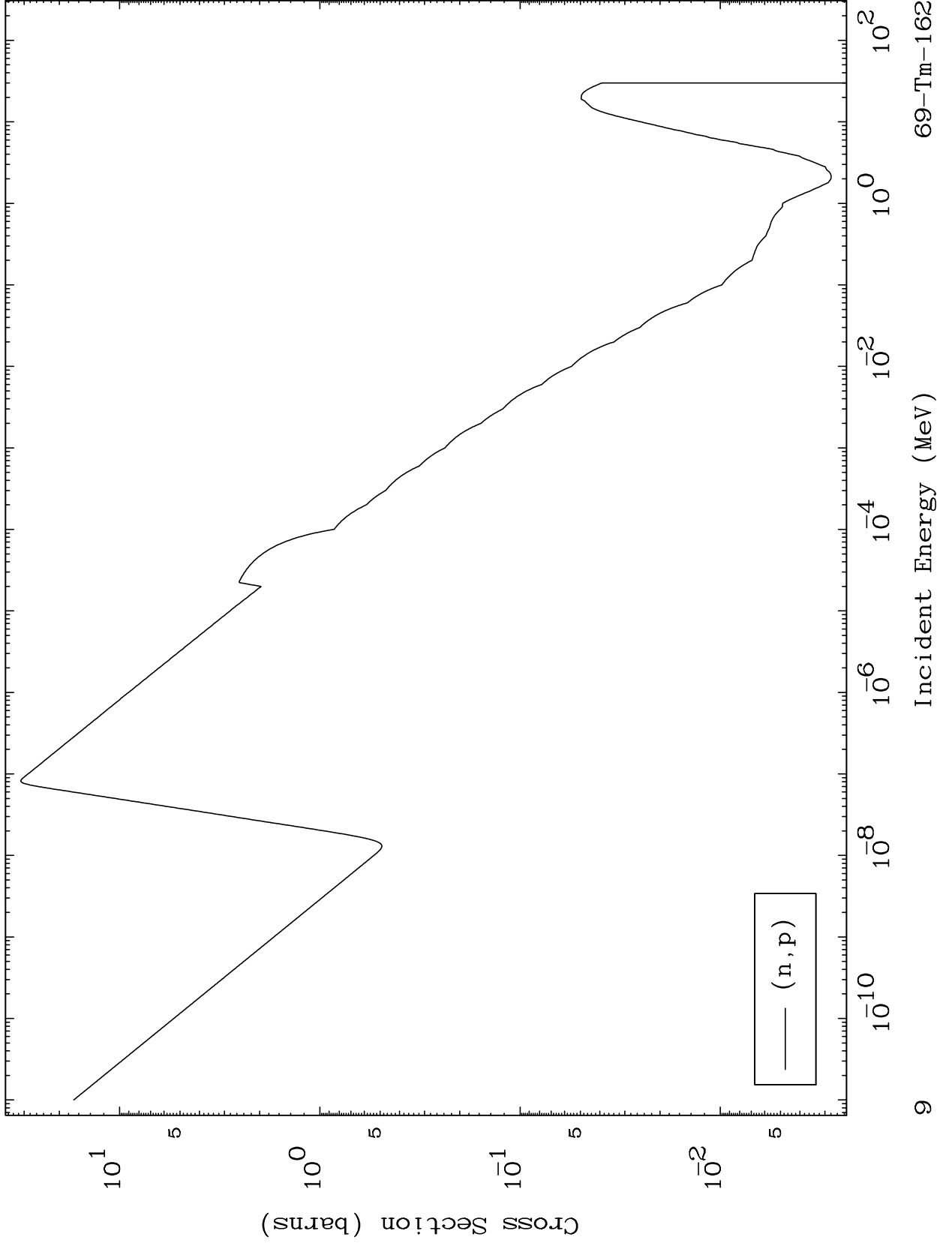
Incident Energy (MeV)

69-Tm-162

MAT 6904

(n,p) Levels  
293 Kelvin Cross Sections

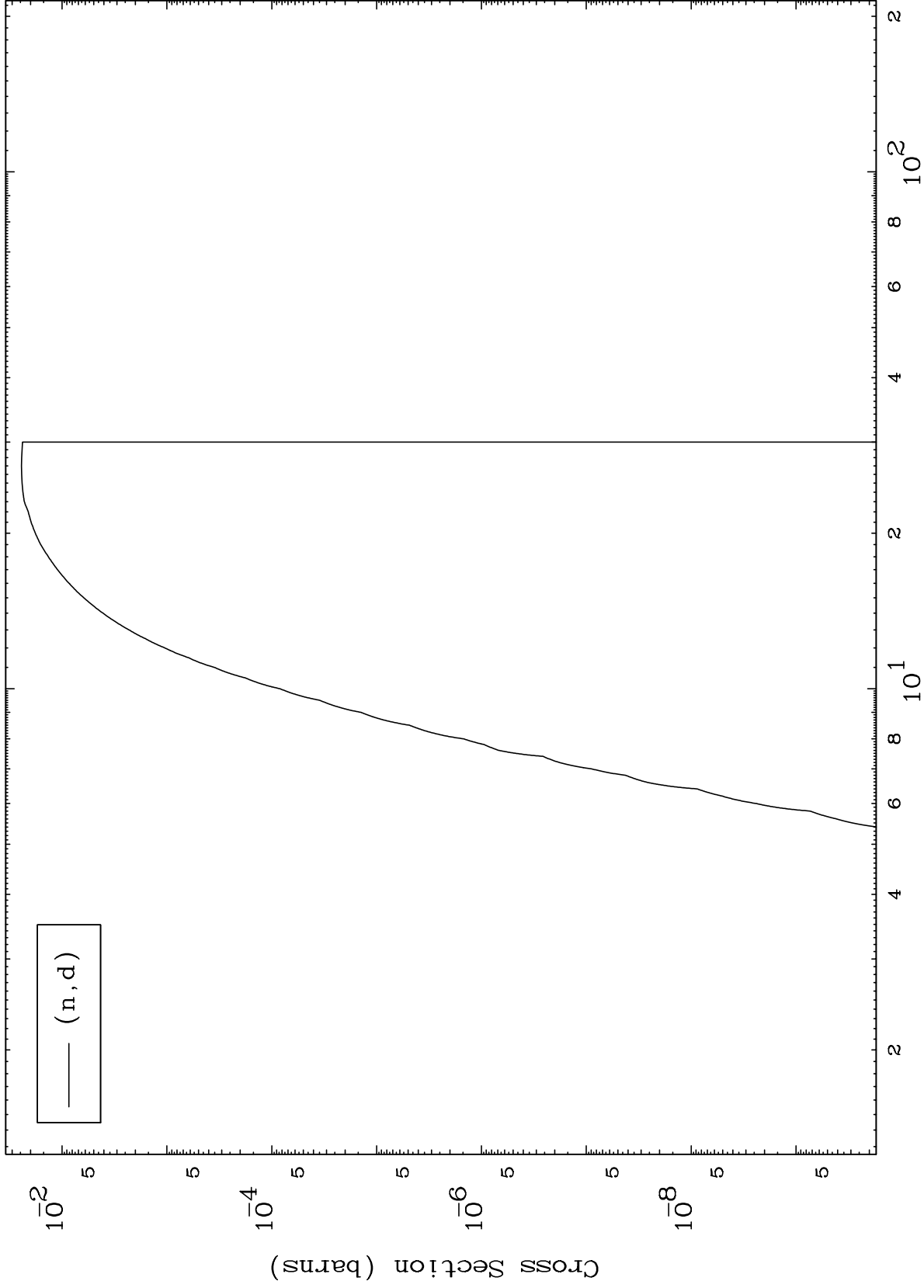
69-Tm-162



MAT 6904

(n,d) Levels  
293 Kelvin Cross Sections

69-Tm-162



10

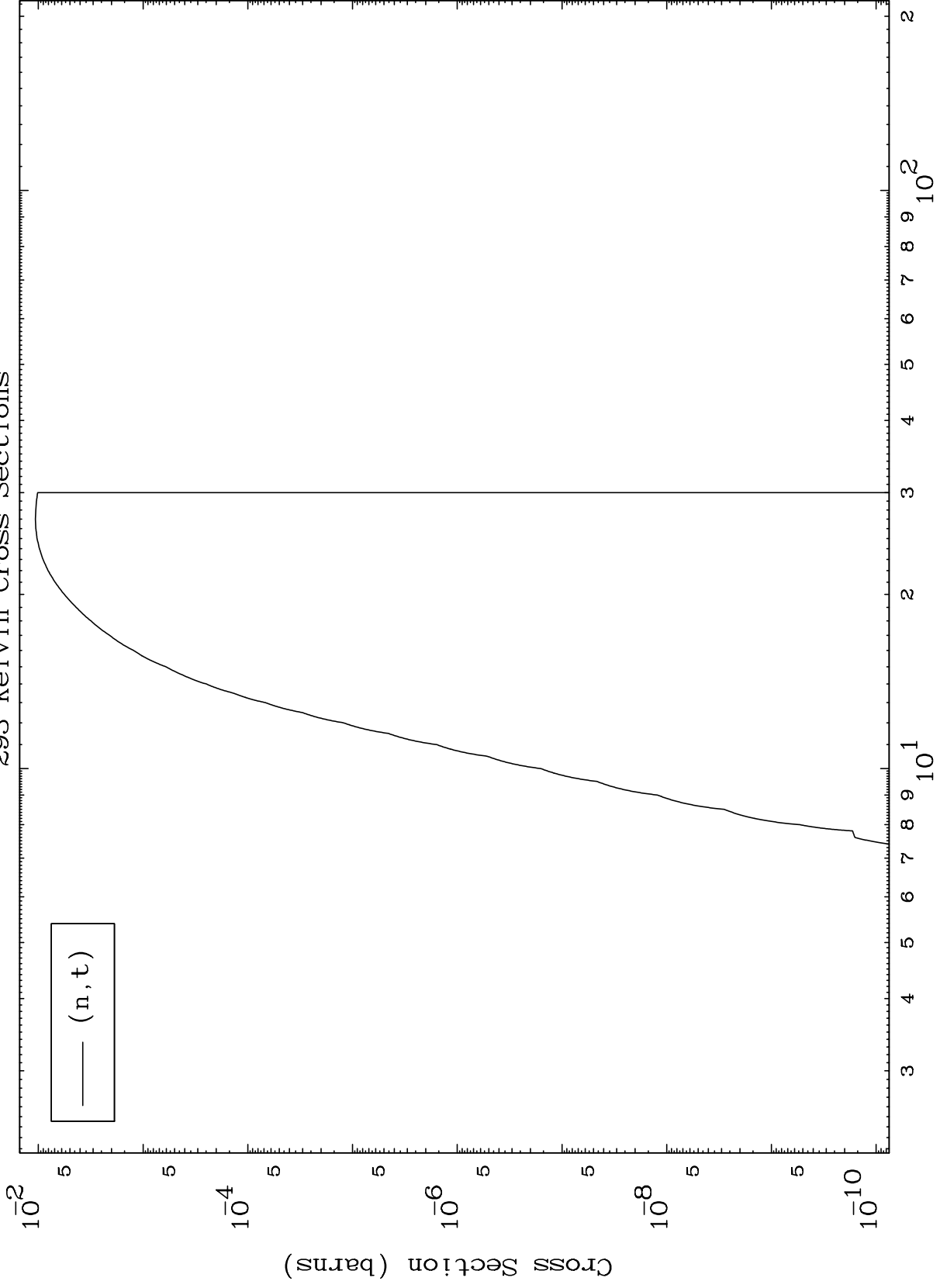
Incident Energy (MeV)

69-Tm-162

MAT 6904

(n,t) Levels  
293 Kelvin Cross Sections

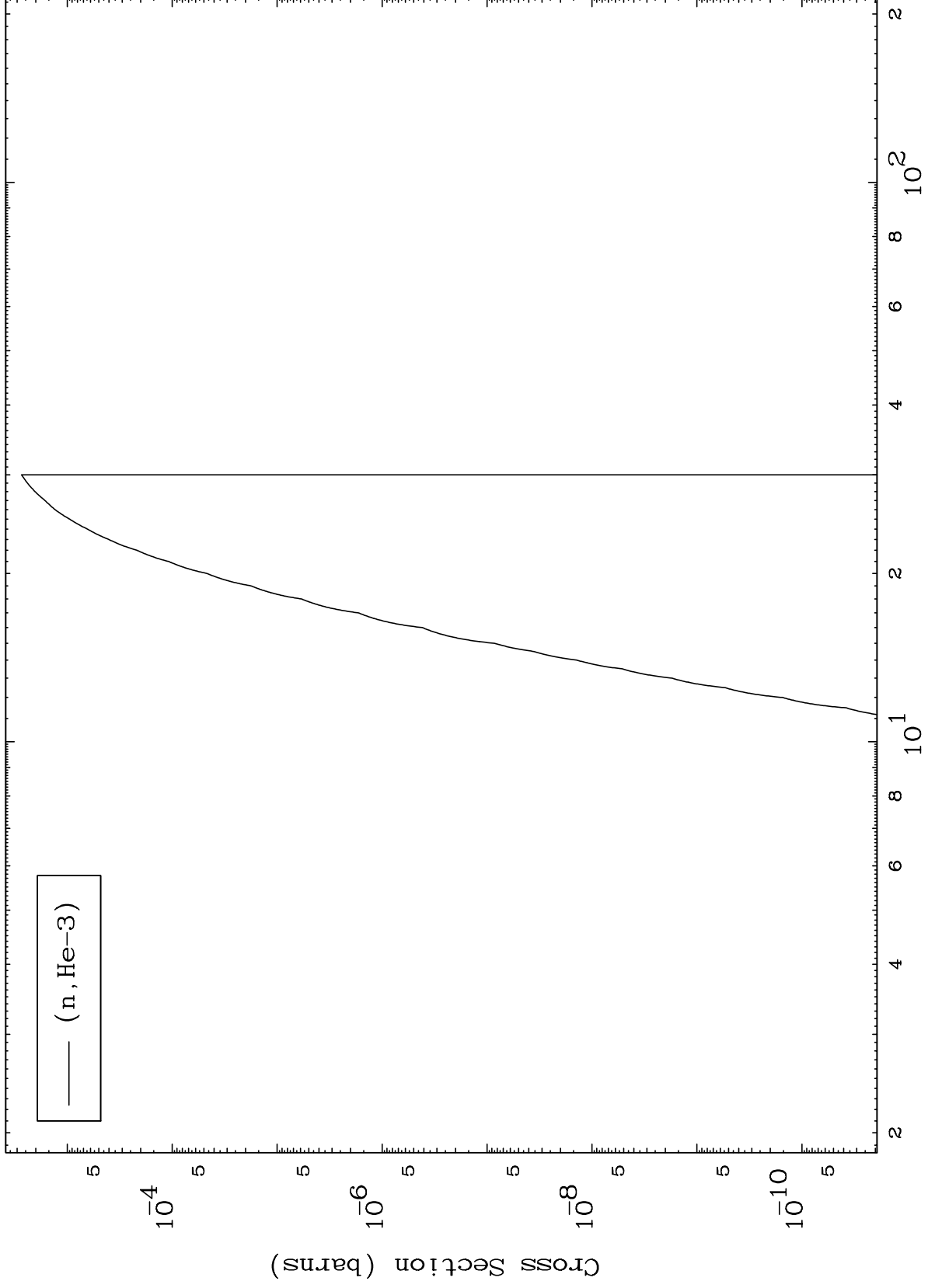
69-Tm-162



MAT 6904

(n,He3) Levels  
293 Kelvin Cross Sections

69-Tm-162



12

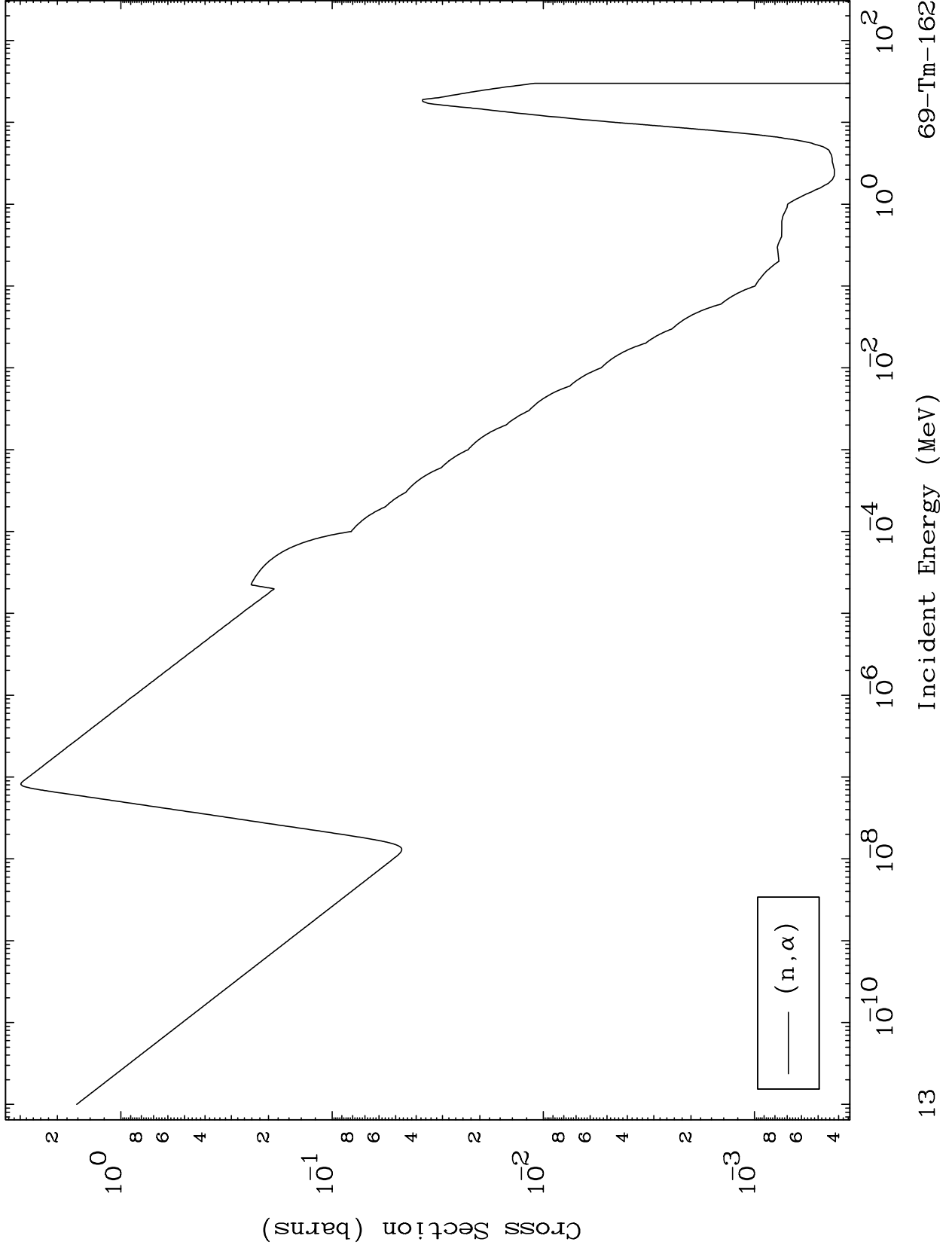
Incident Energy (MeV)

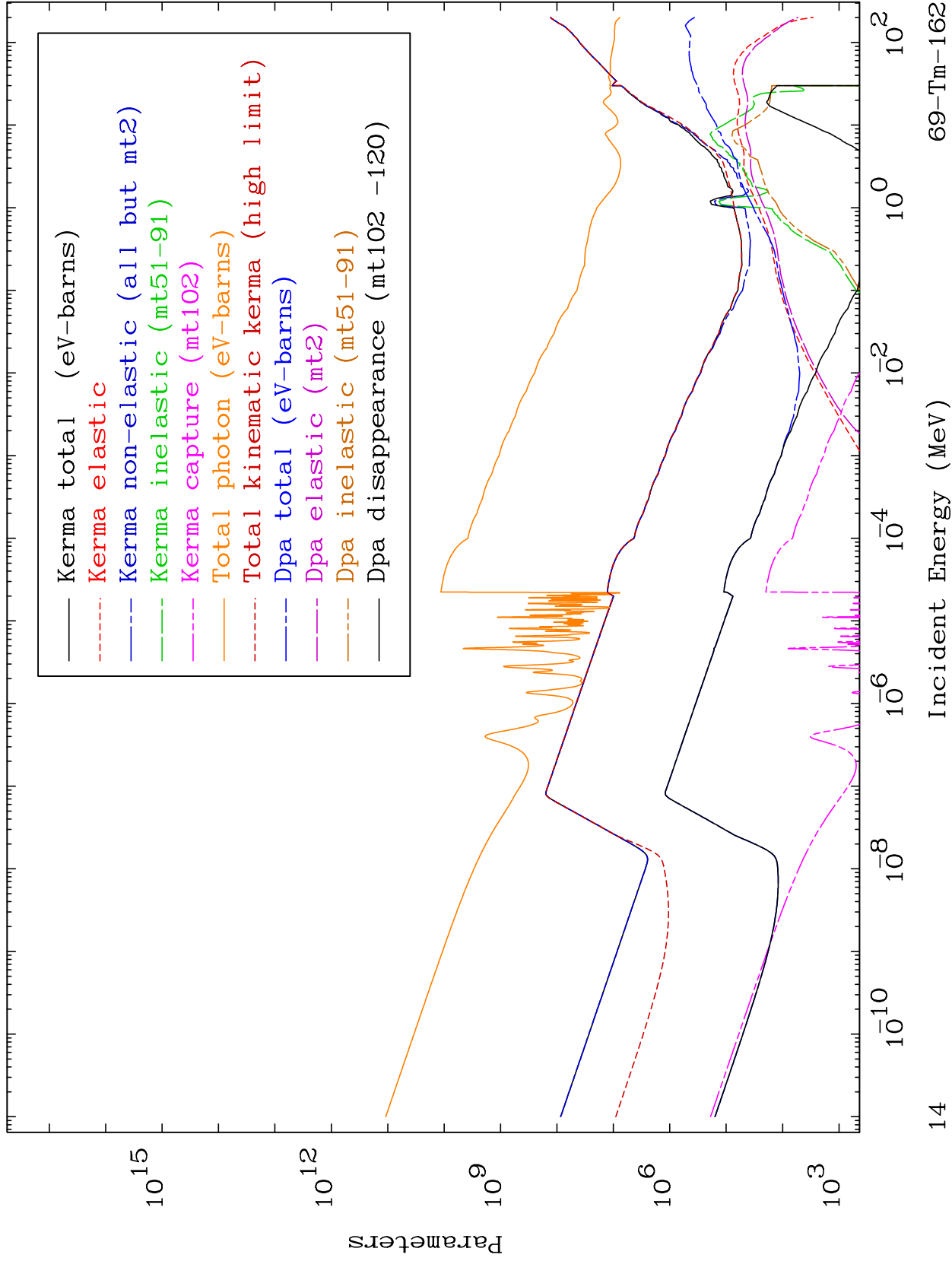
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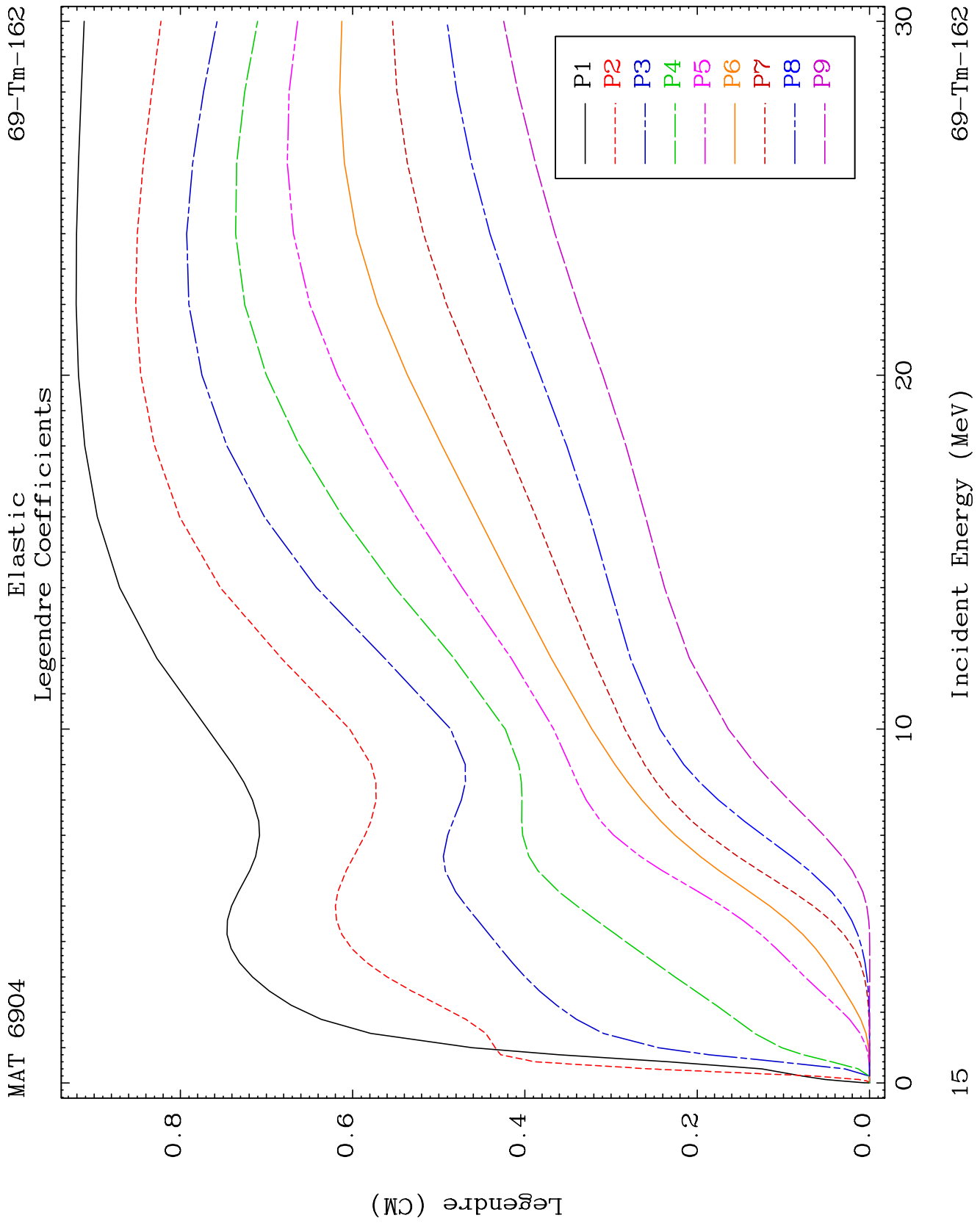
MAT 6904

(n,α) Levels  
293 Kelvin Cross Sections

69-Tm-162





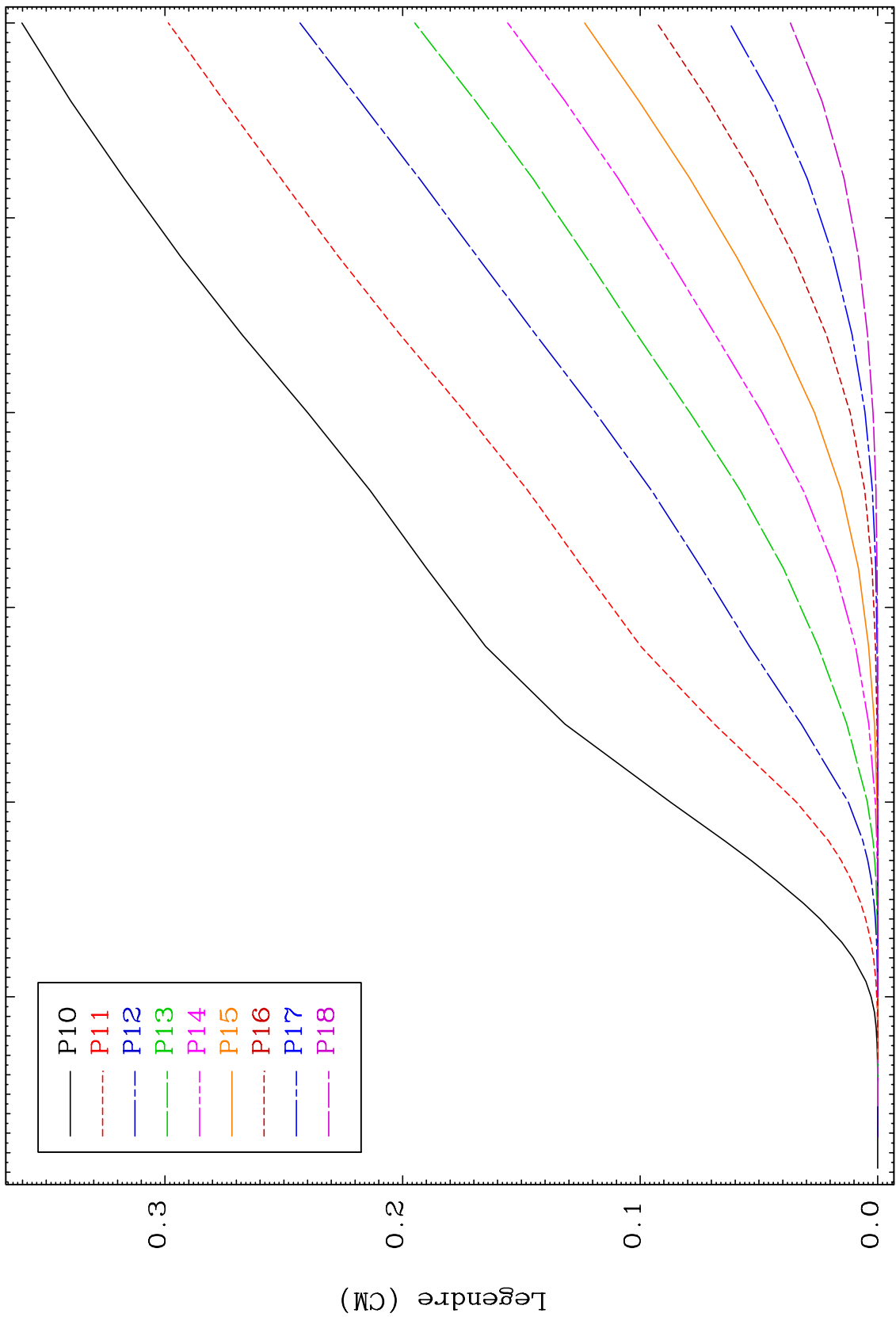




MAT 6904

Elastic Legendre Coefficients

69-Tm-162



16

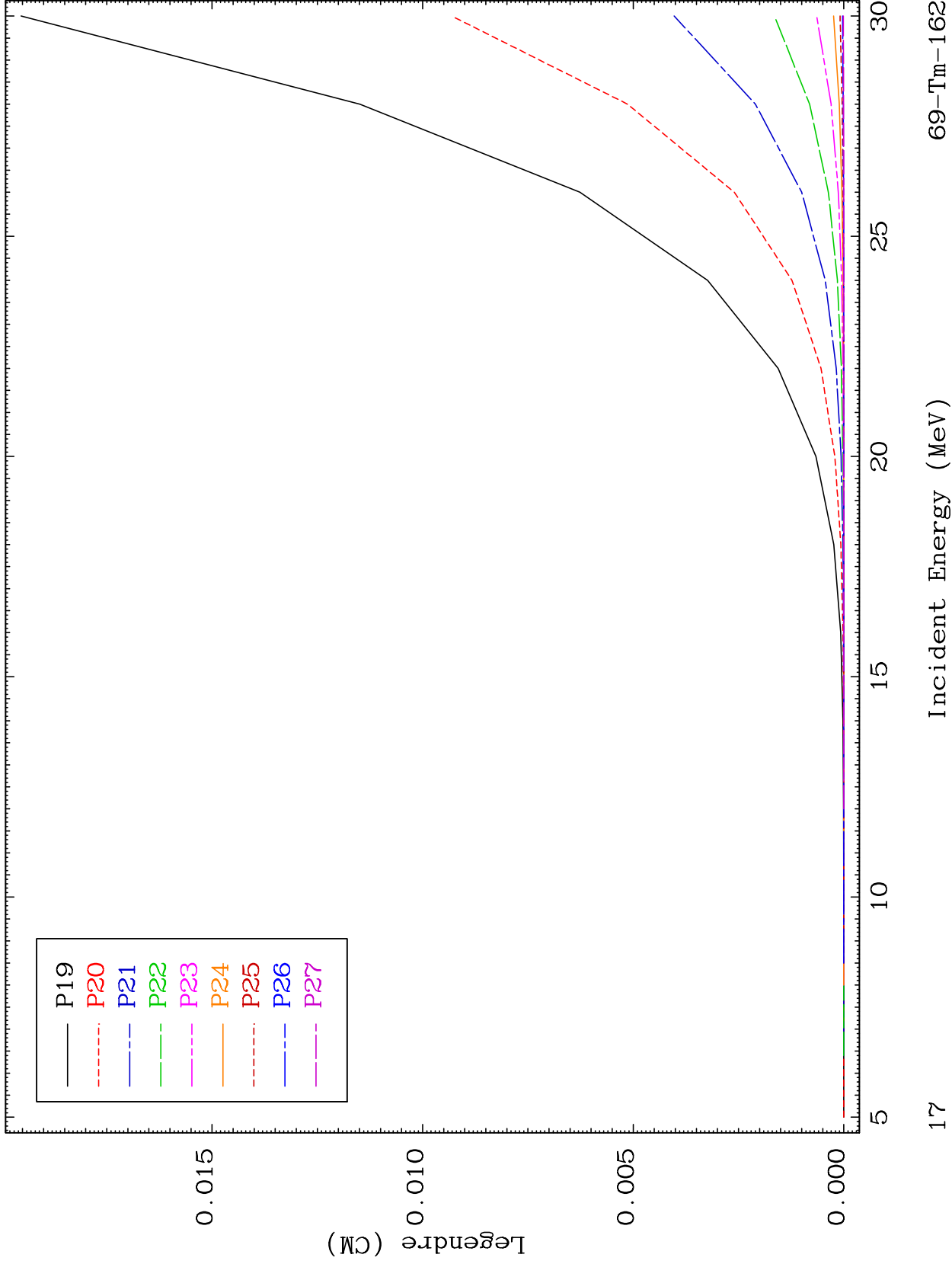
Incident Energy (MeV)

69-Tm-162

MAT 6904

Elastic Legendre Coefficients

69-Tm-162



17

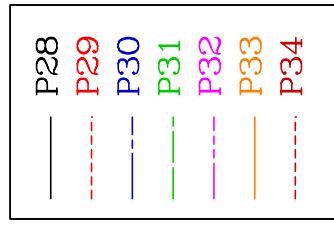
Incident Energy (MeV)

69-Tm-162

MAT 6904

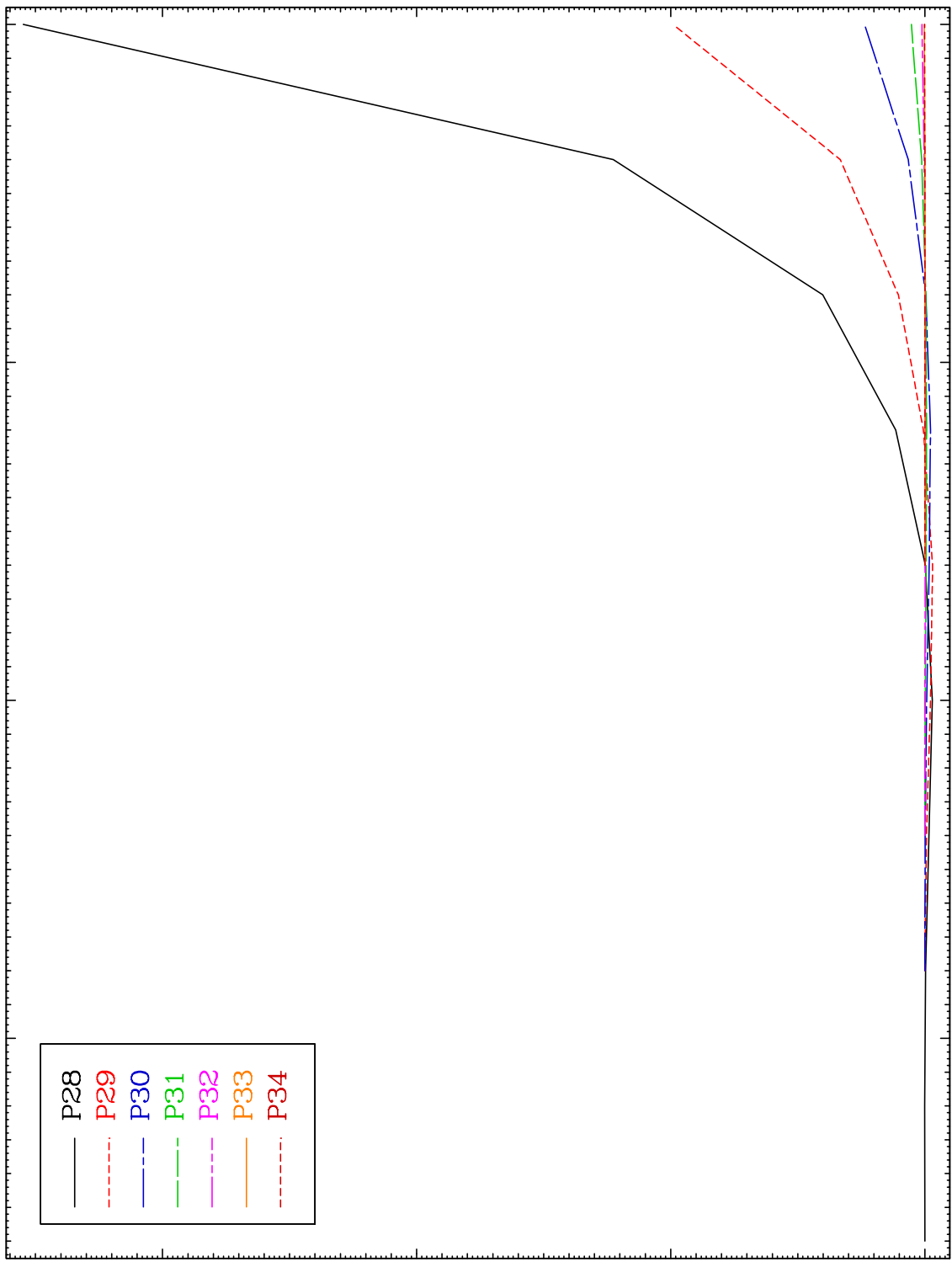
Elastic  
Legendre Coefficients

69-Tm-162



$\times 10^{-6}$

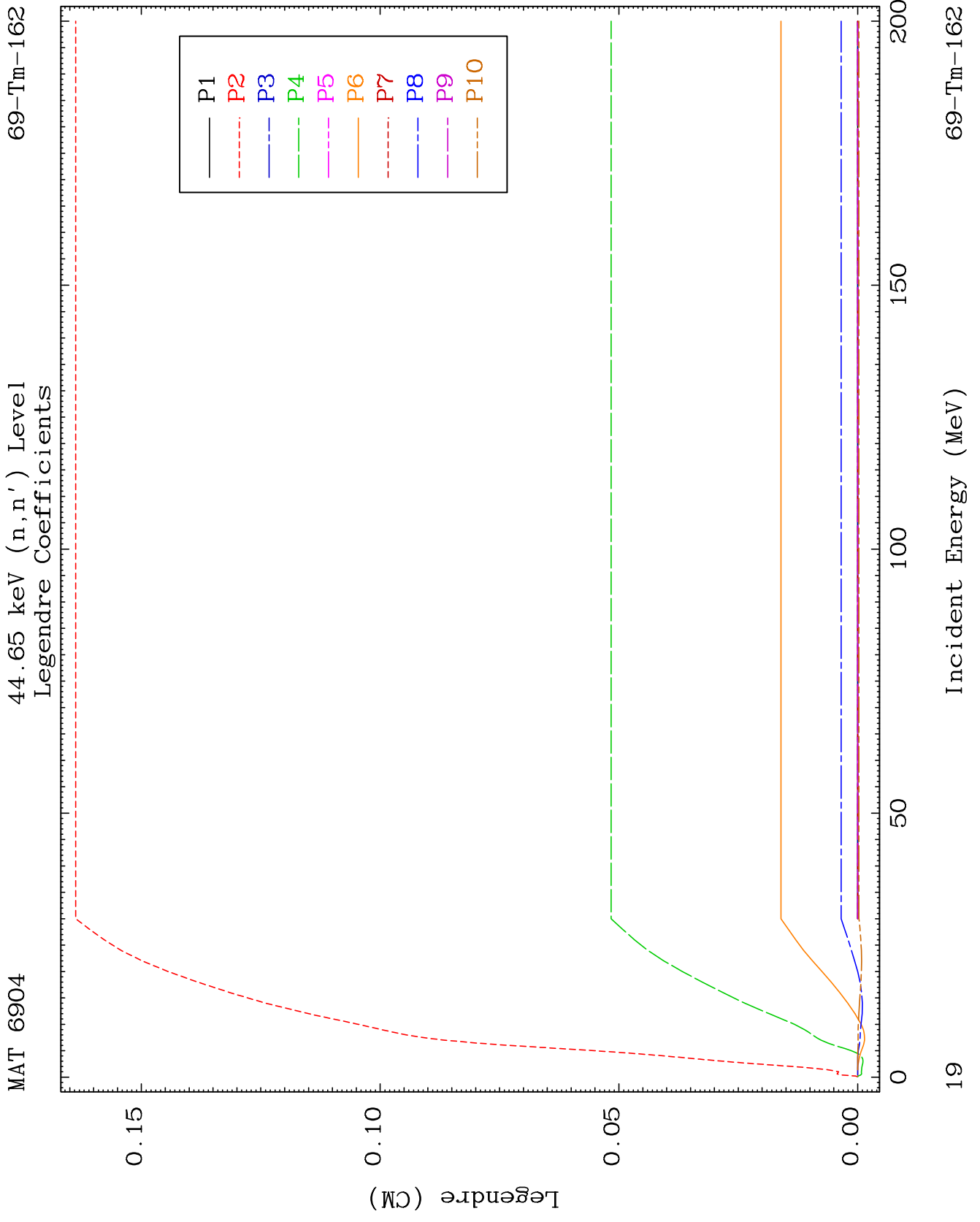
Legendre (CM)

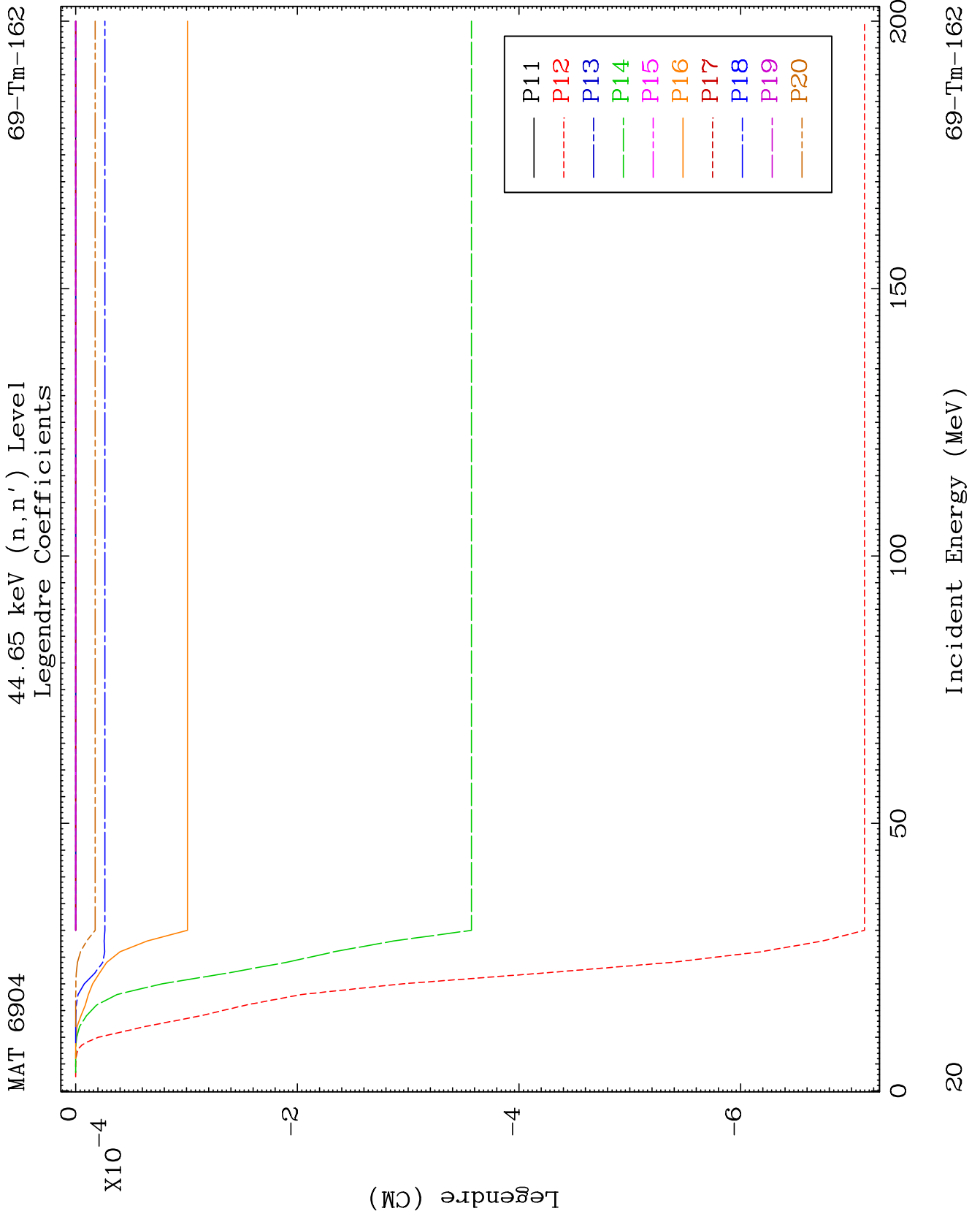


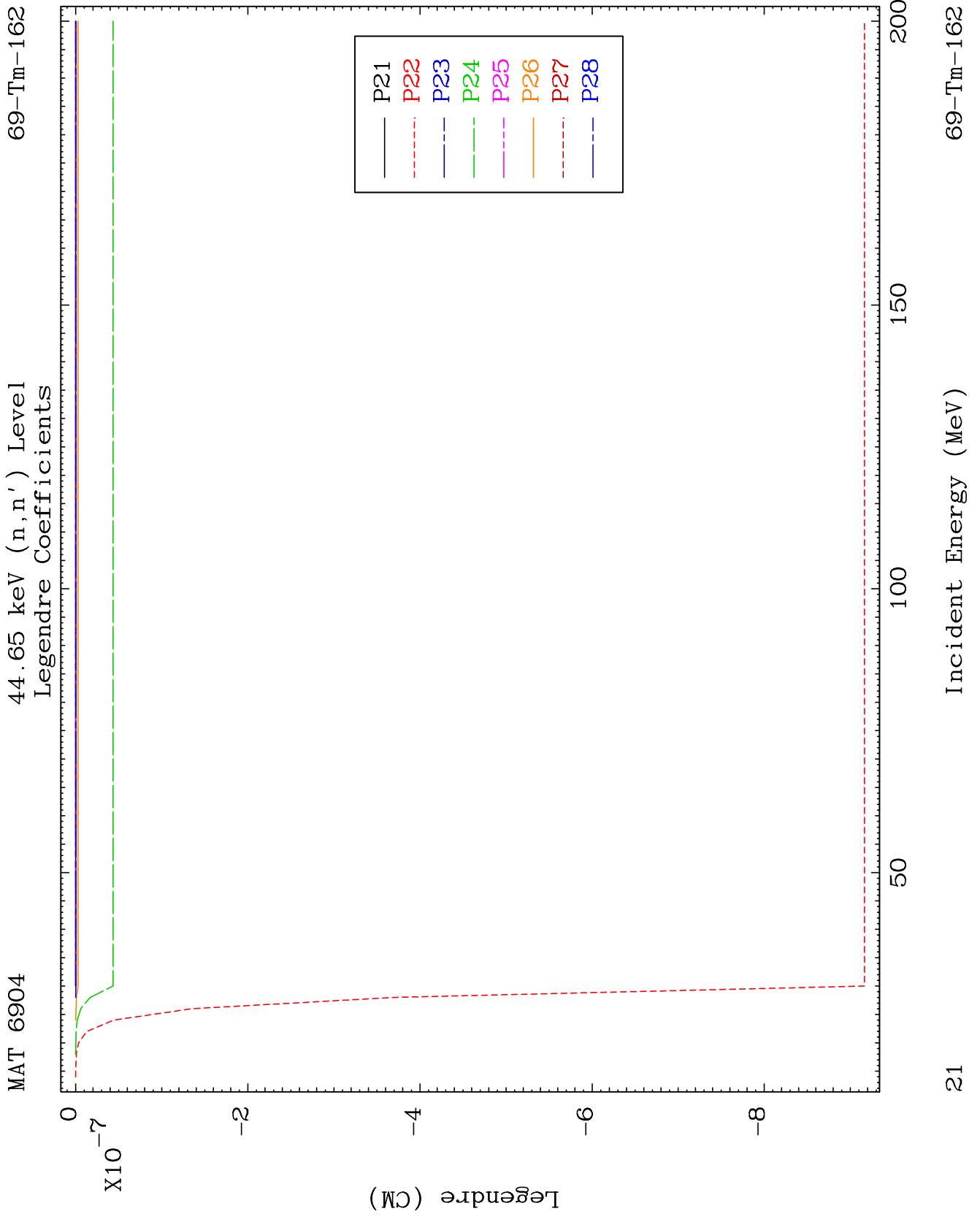
18

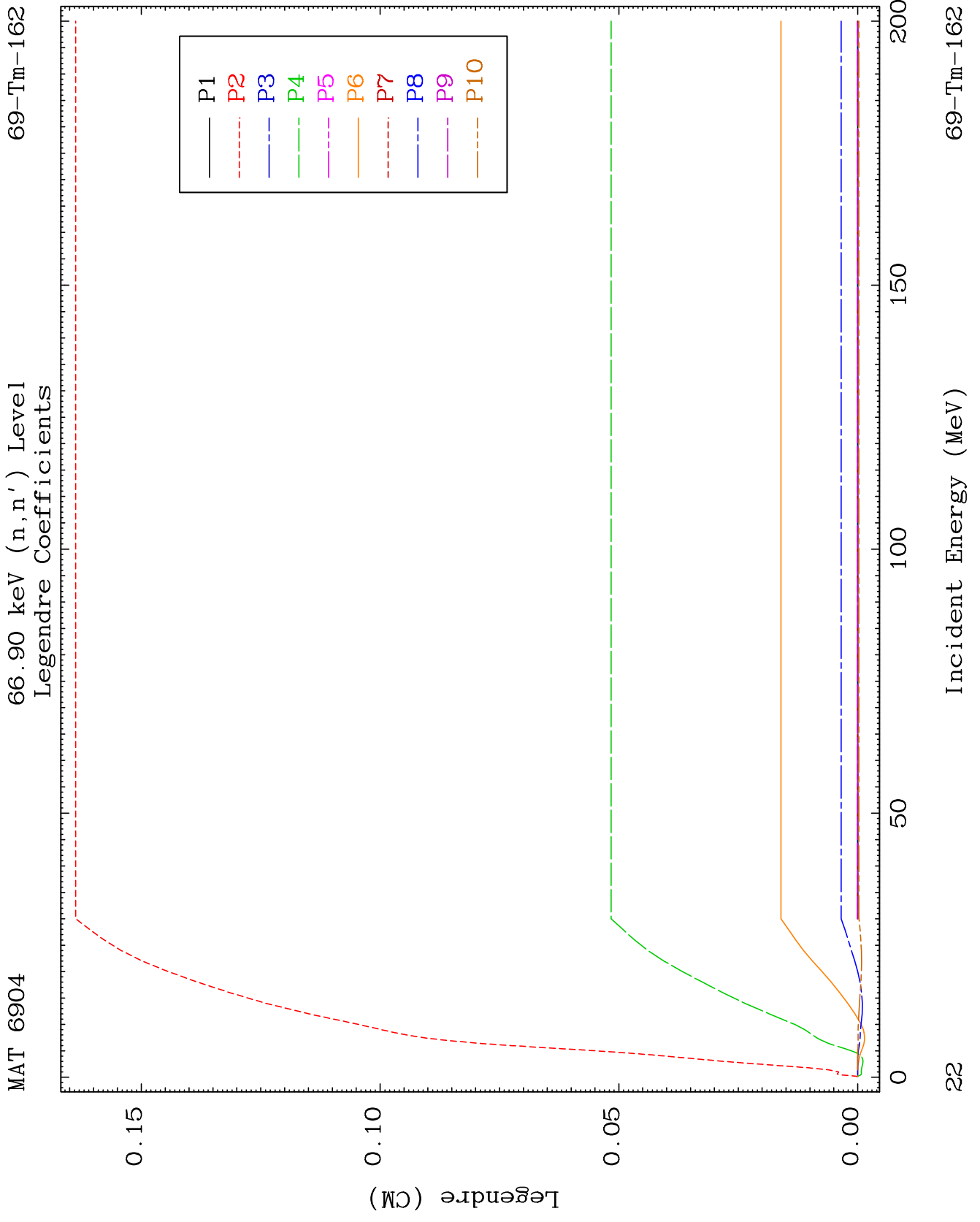
Incident Energy (MeV)

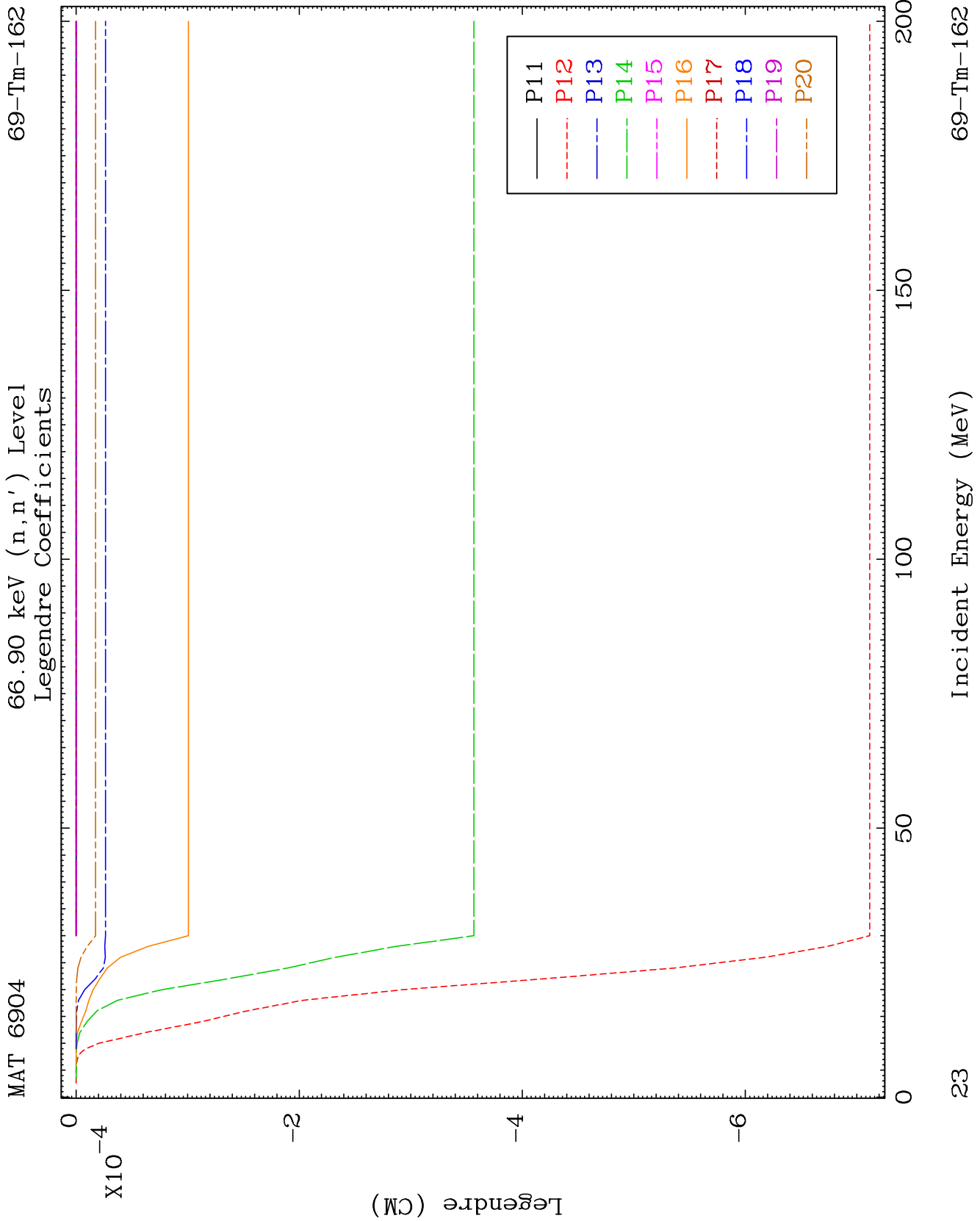
69-Tm-162



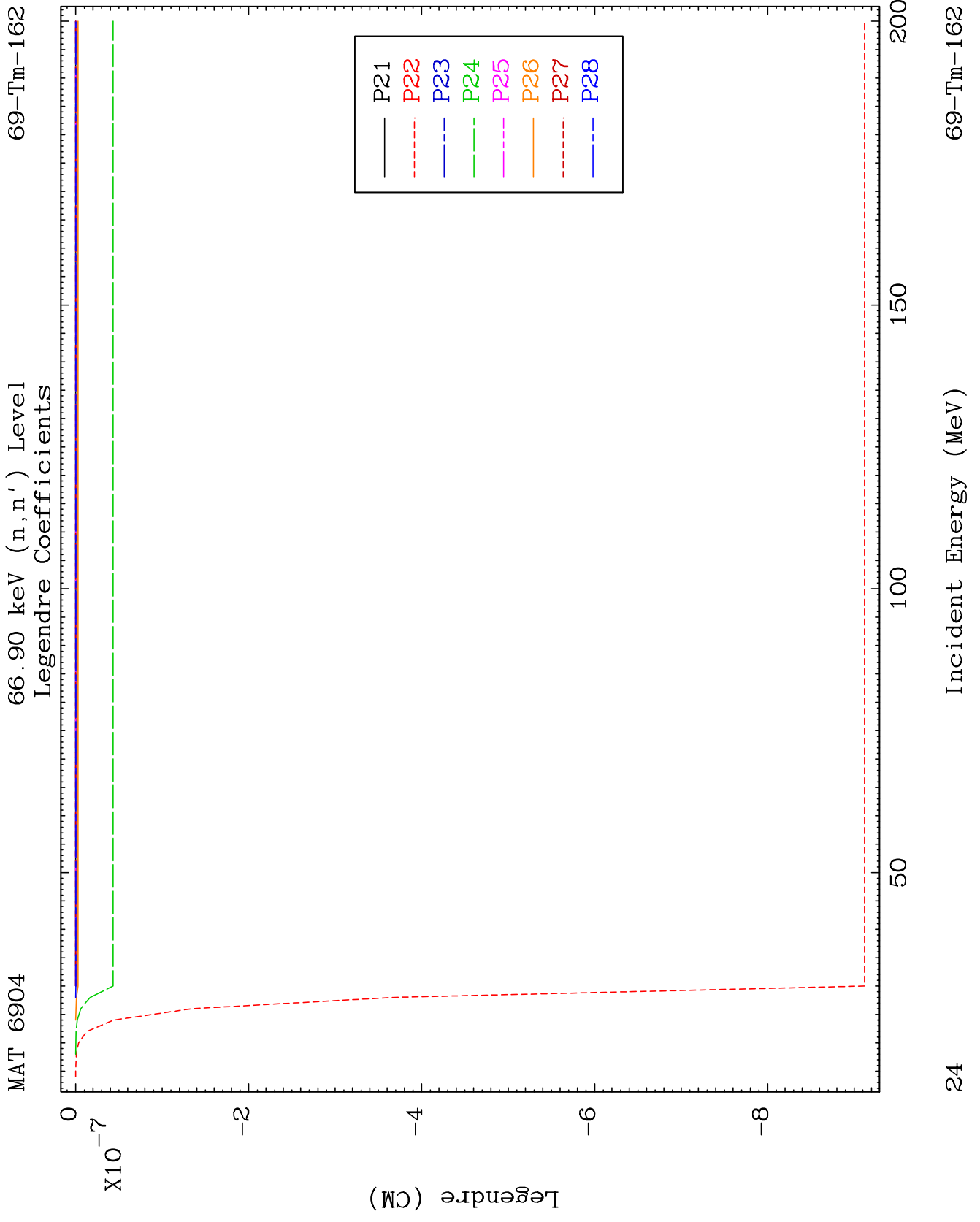




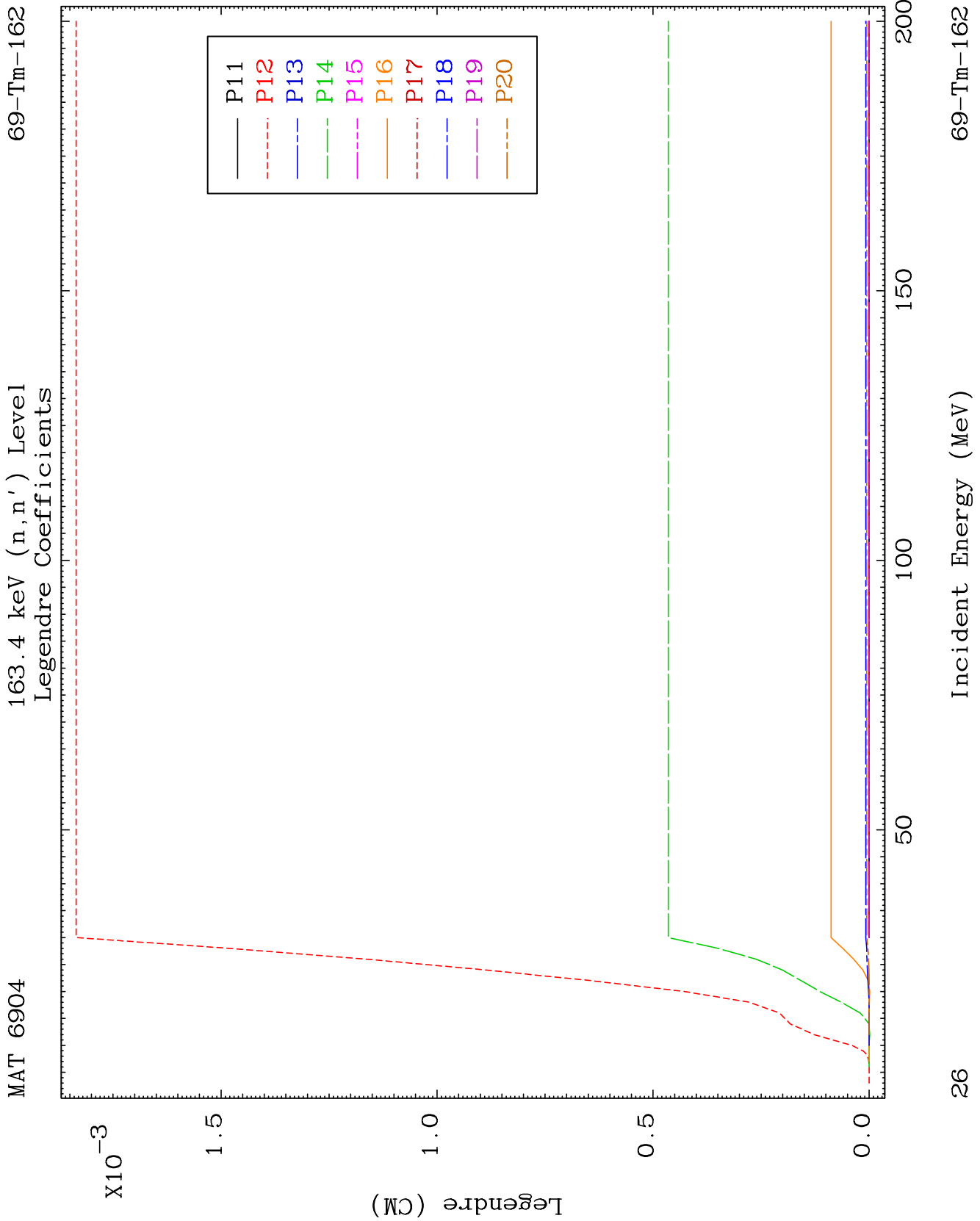


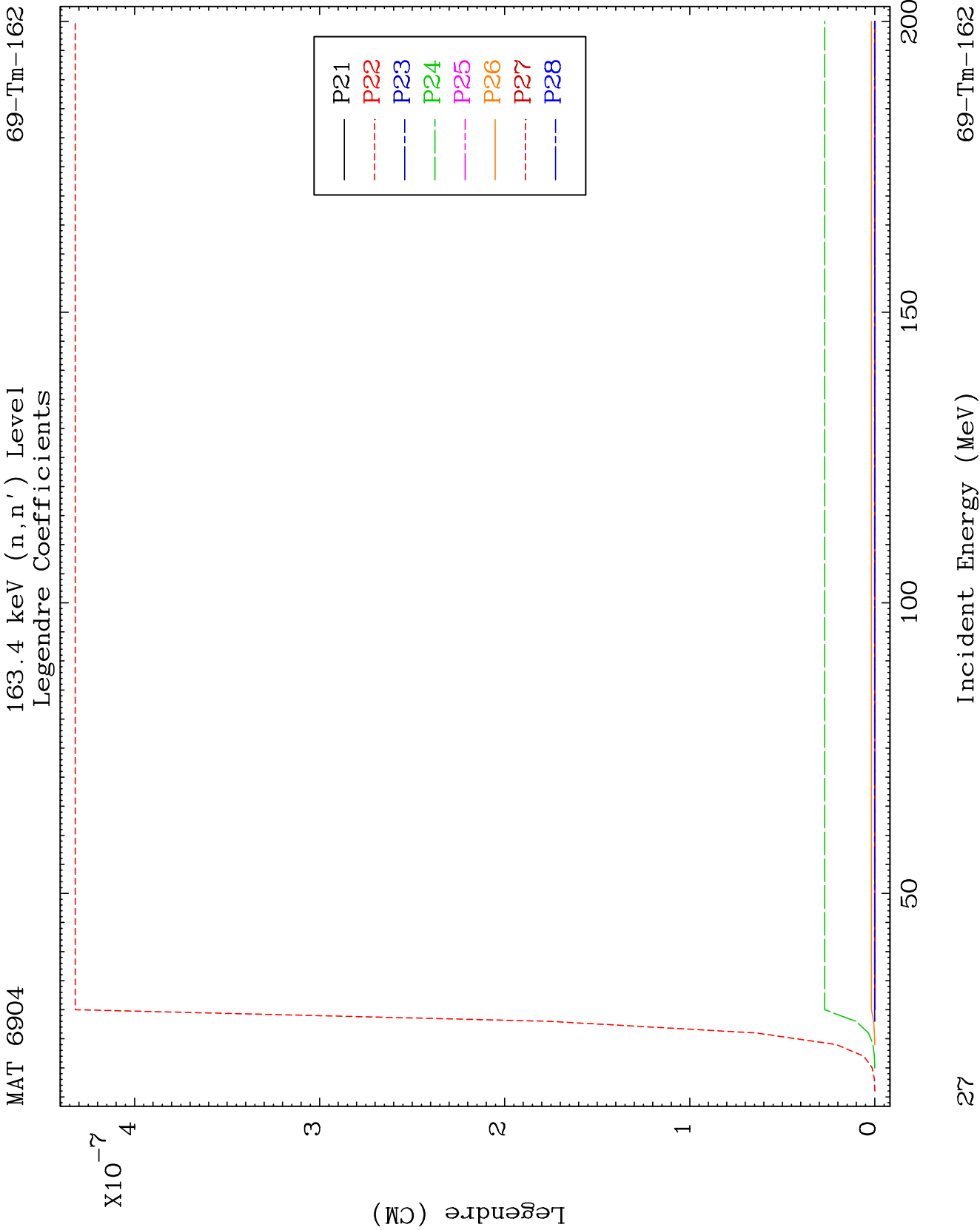


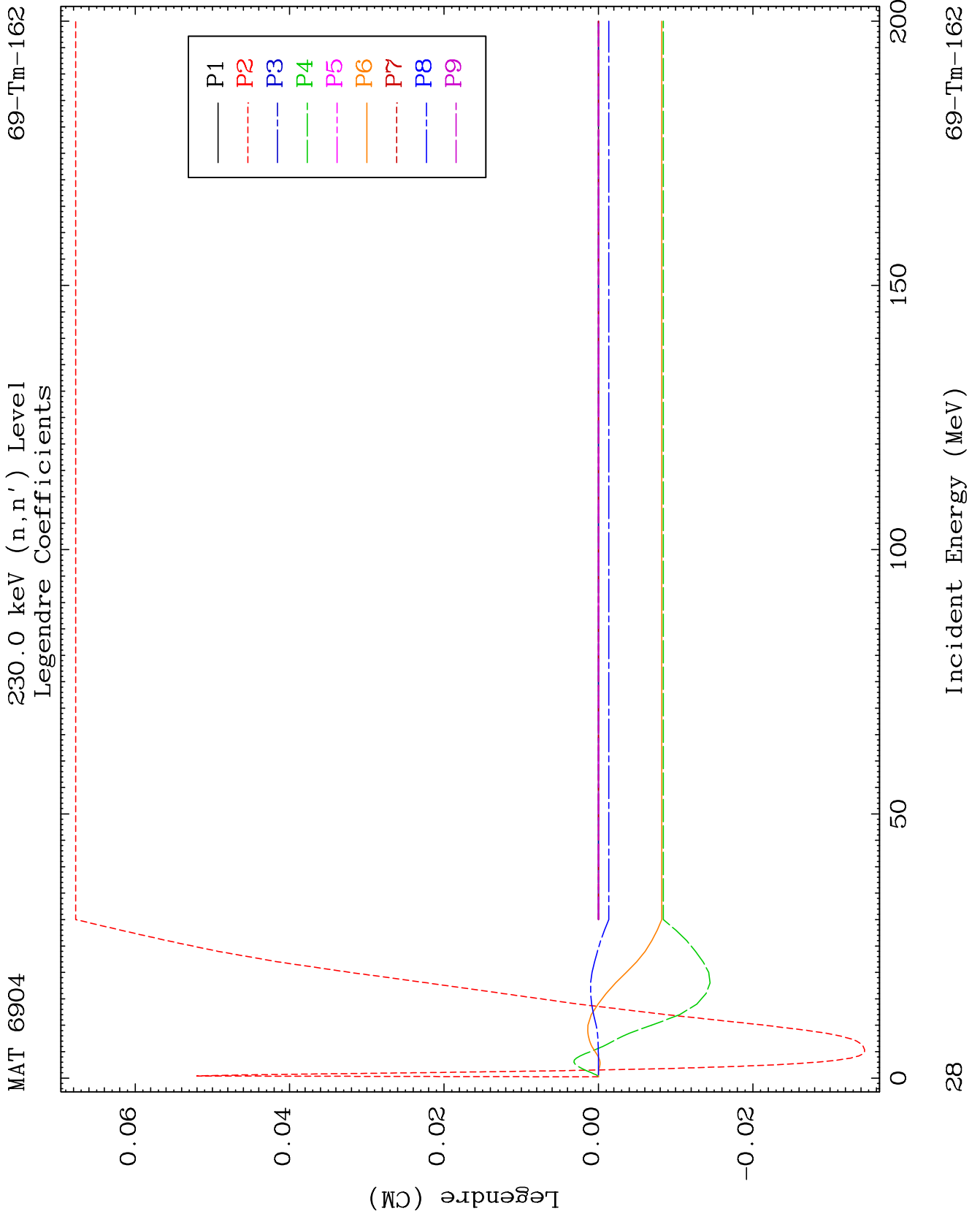


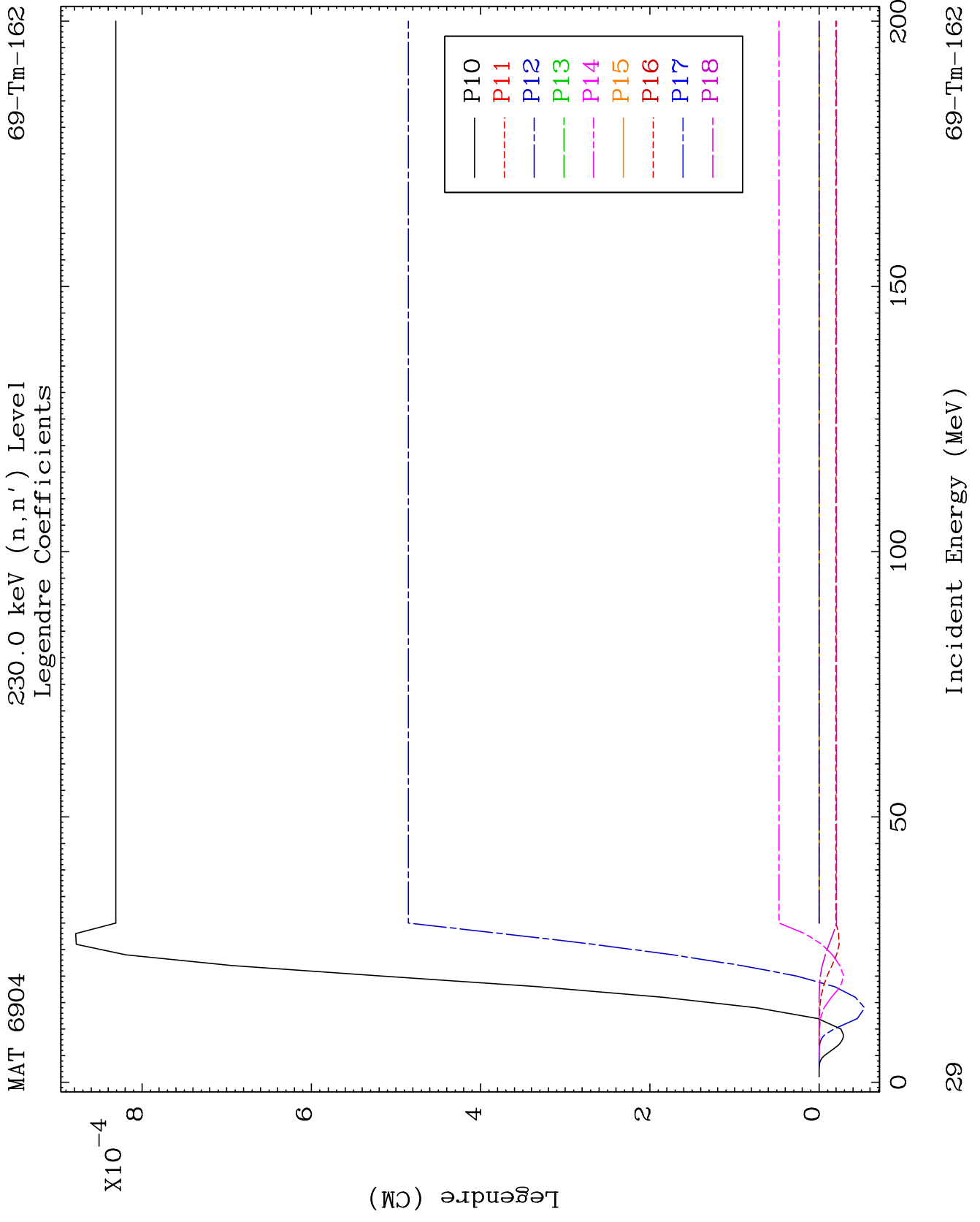


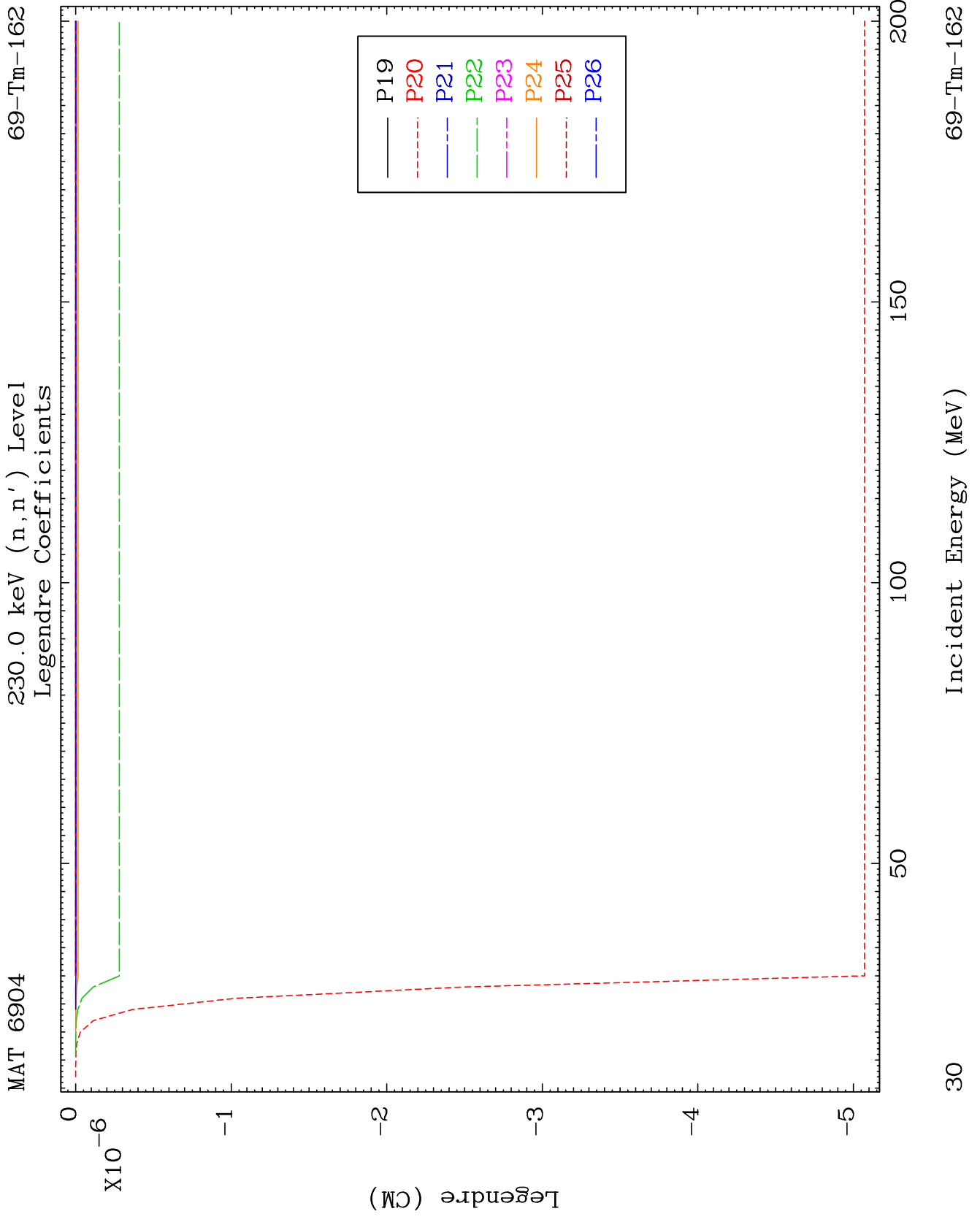


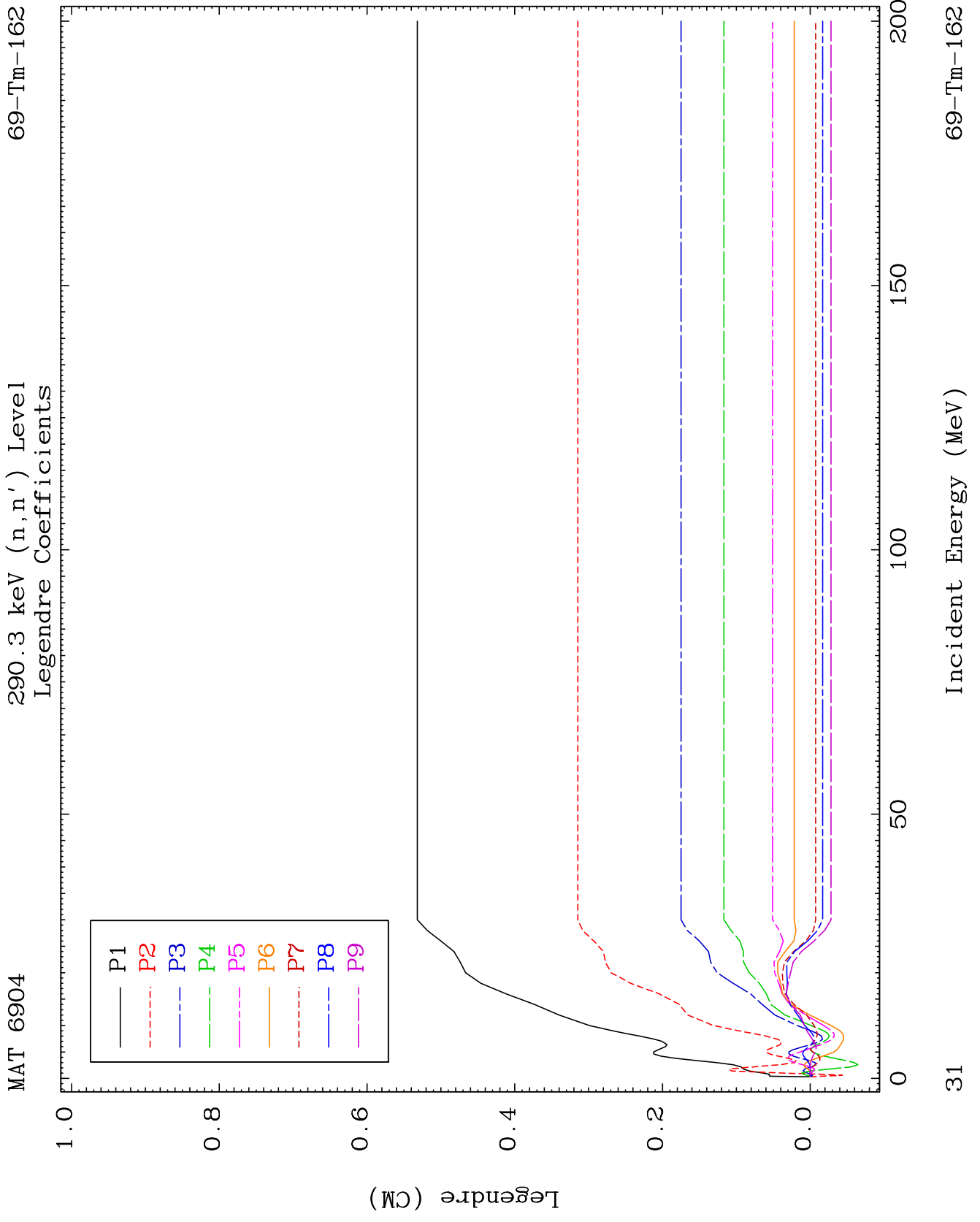




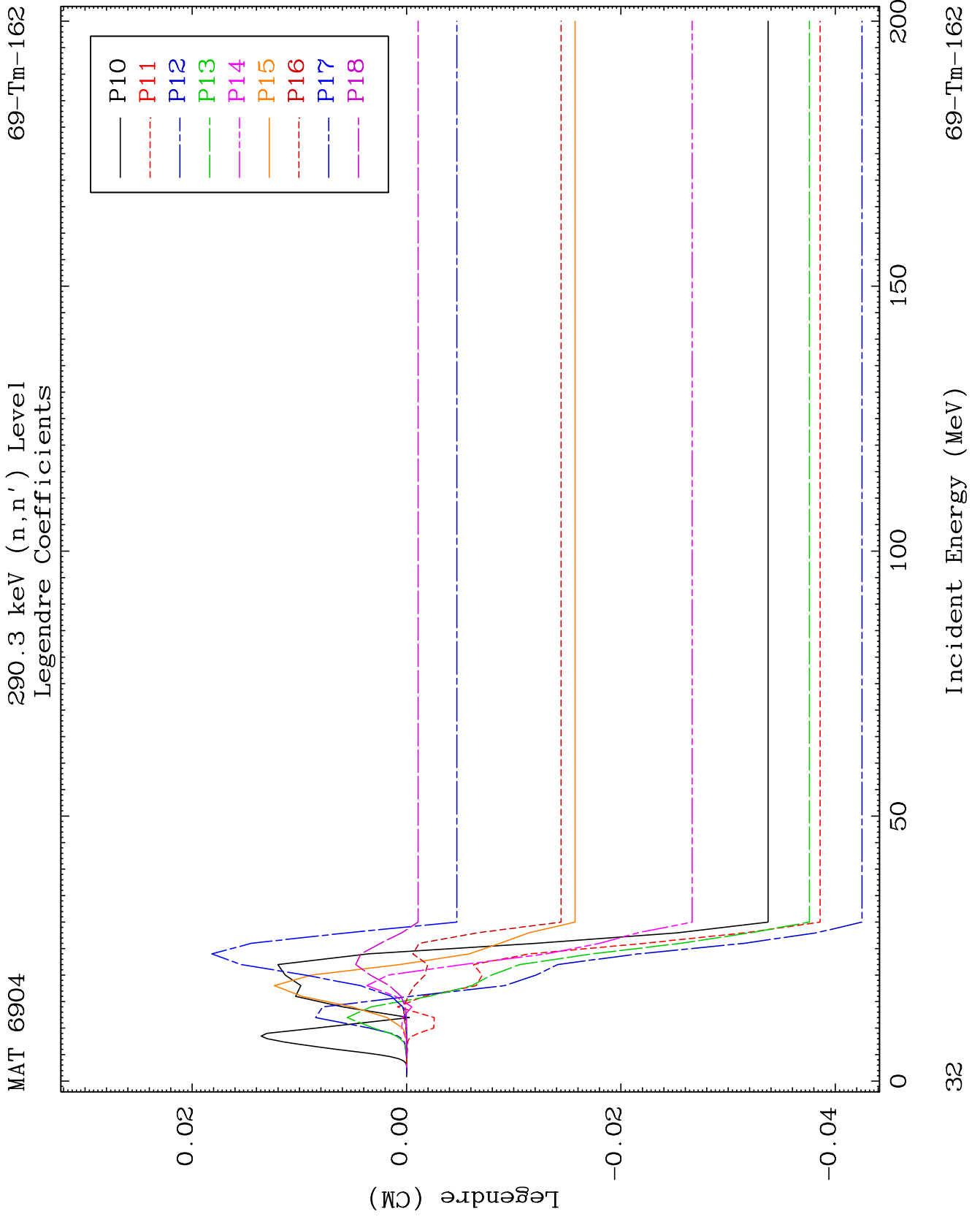


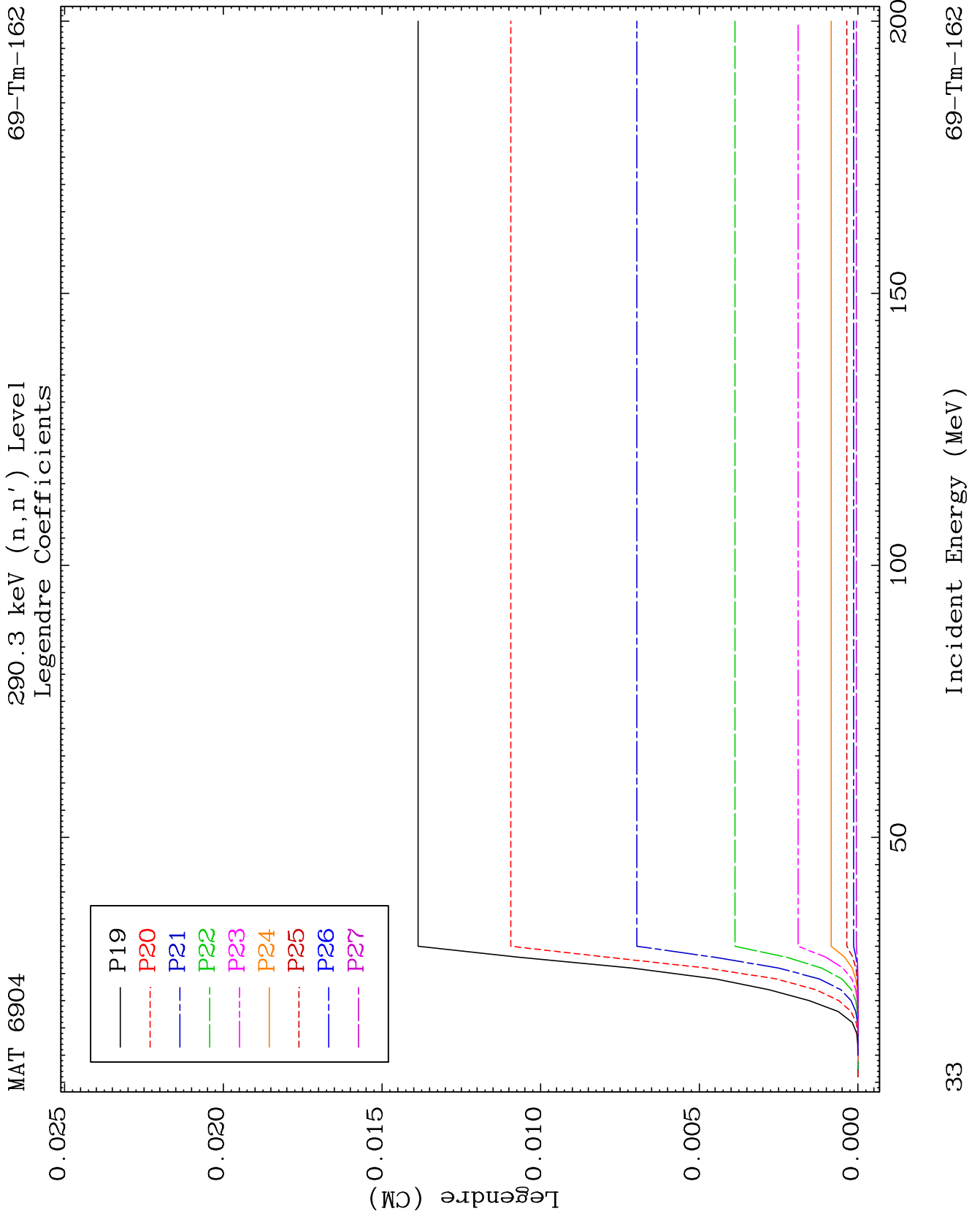


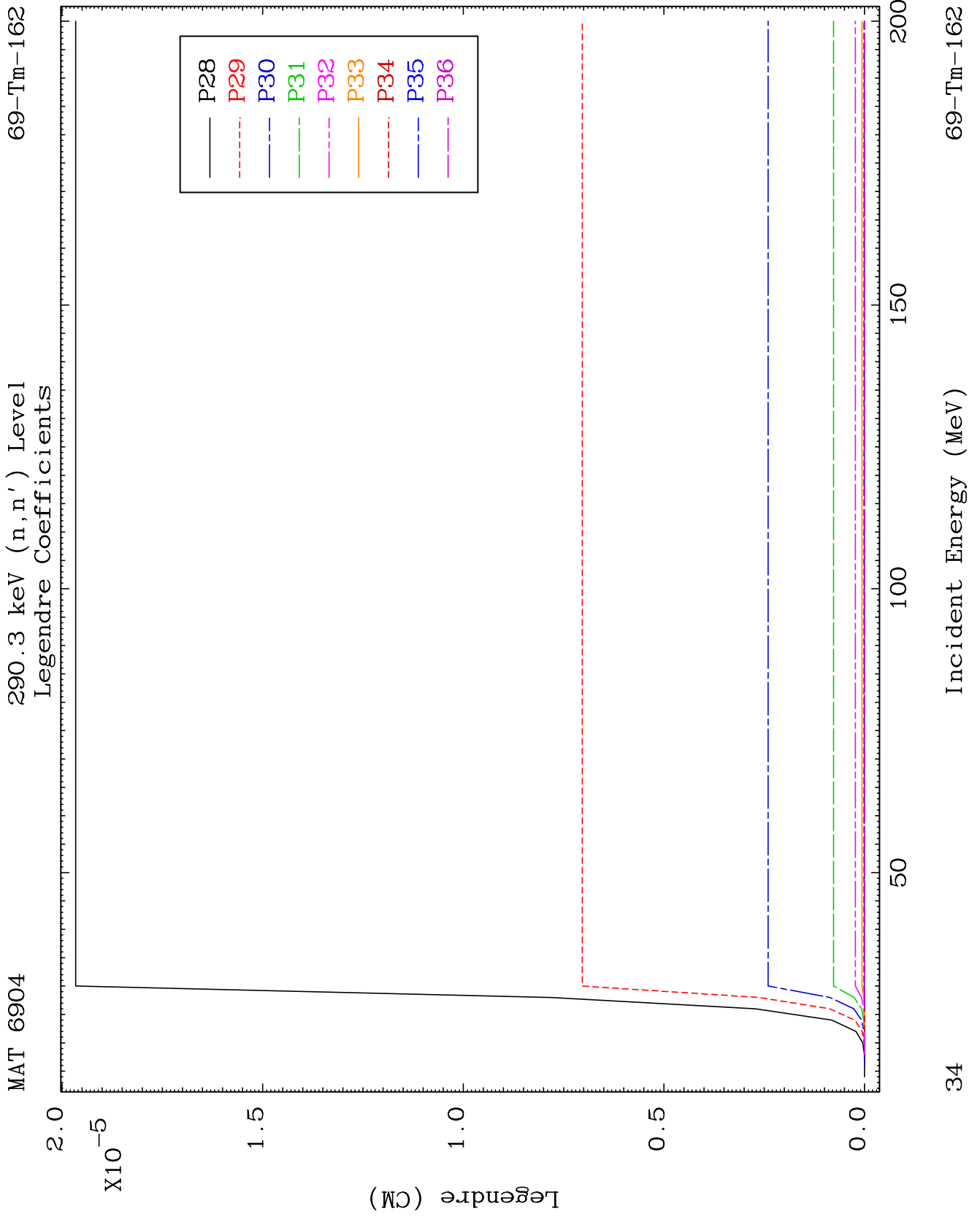


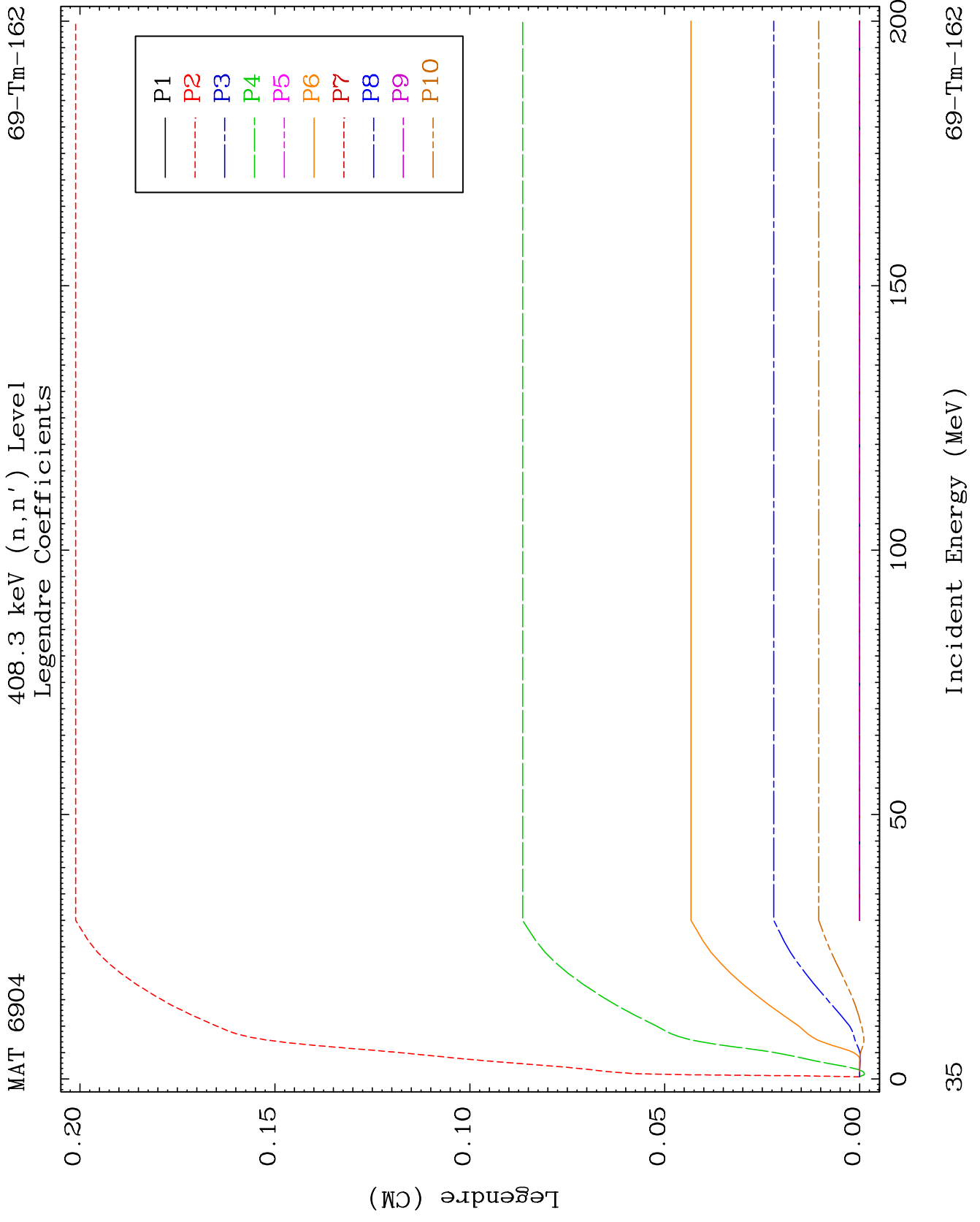






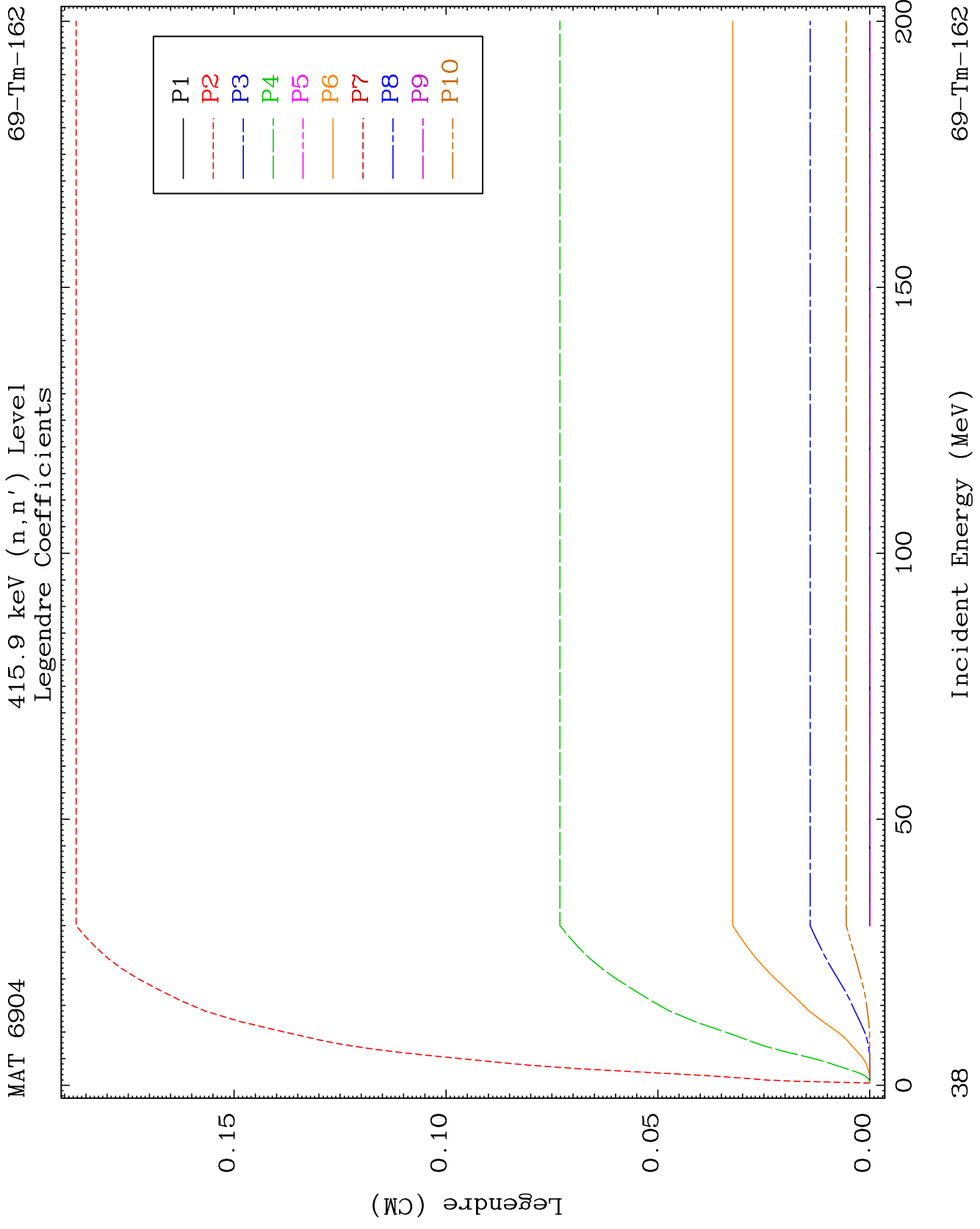


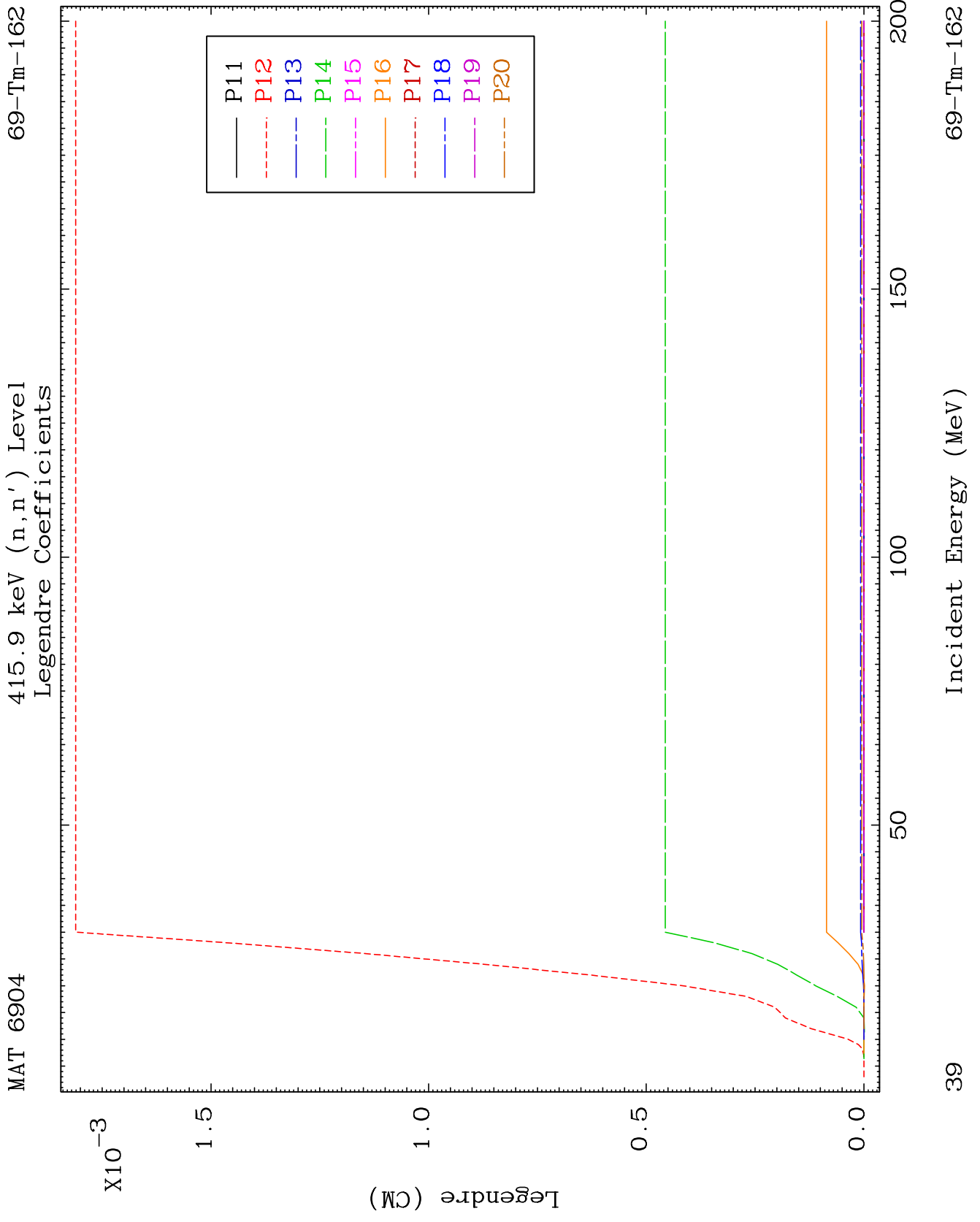




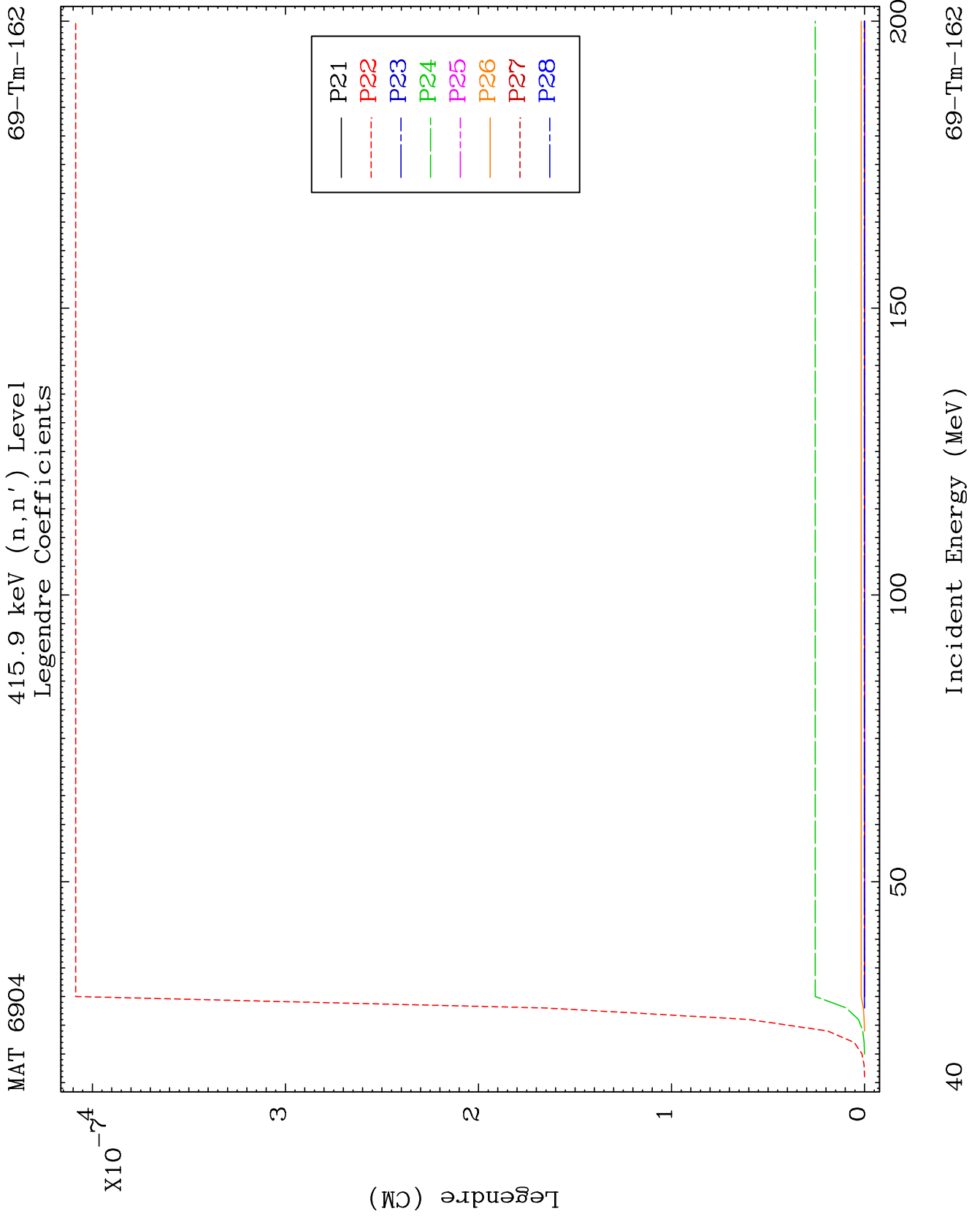








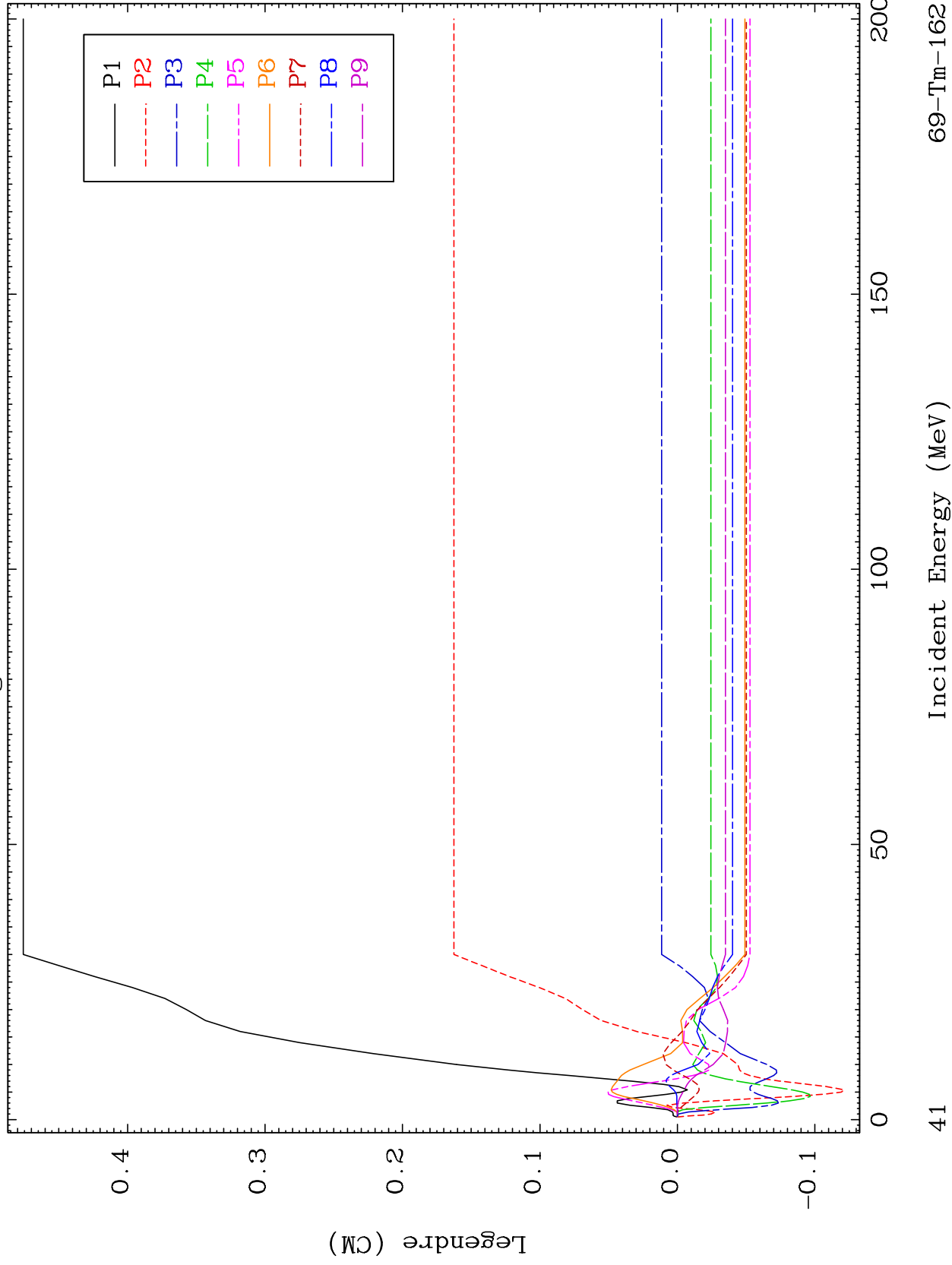




MAT 6904

451.0 keV (n,n') Level  
Legendre Coefficients

69-Tm-162



69-Tm-162

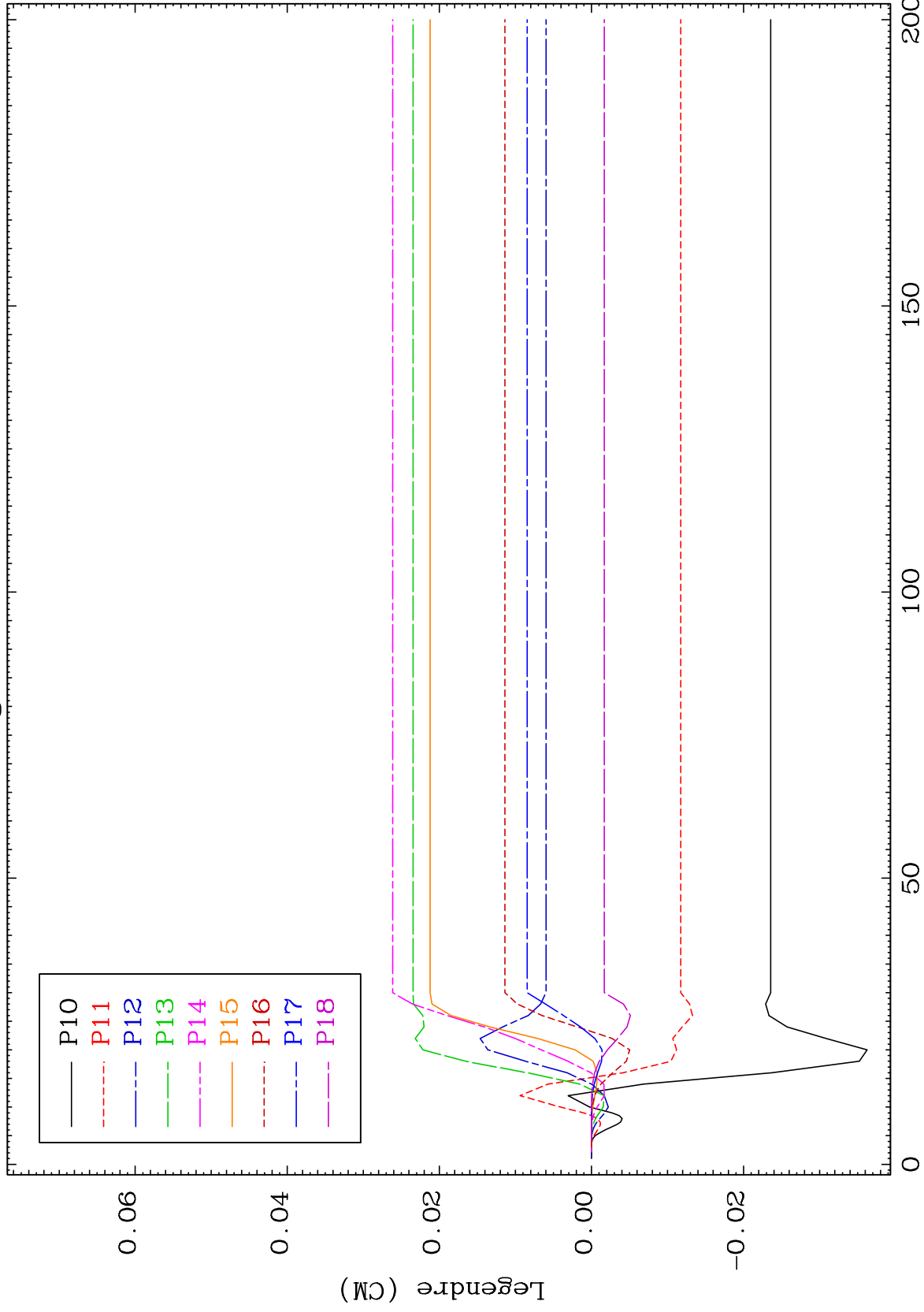
Incident Energy (MeV)

41

MAT 6904

451.0 keV (n,n') Level  
Legendre Coefficients

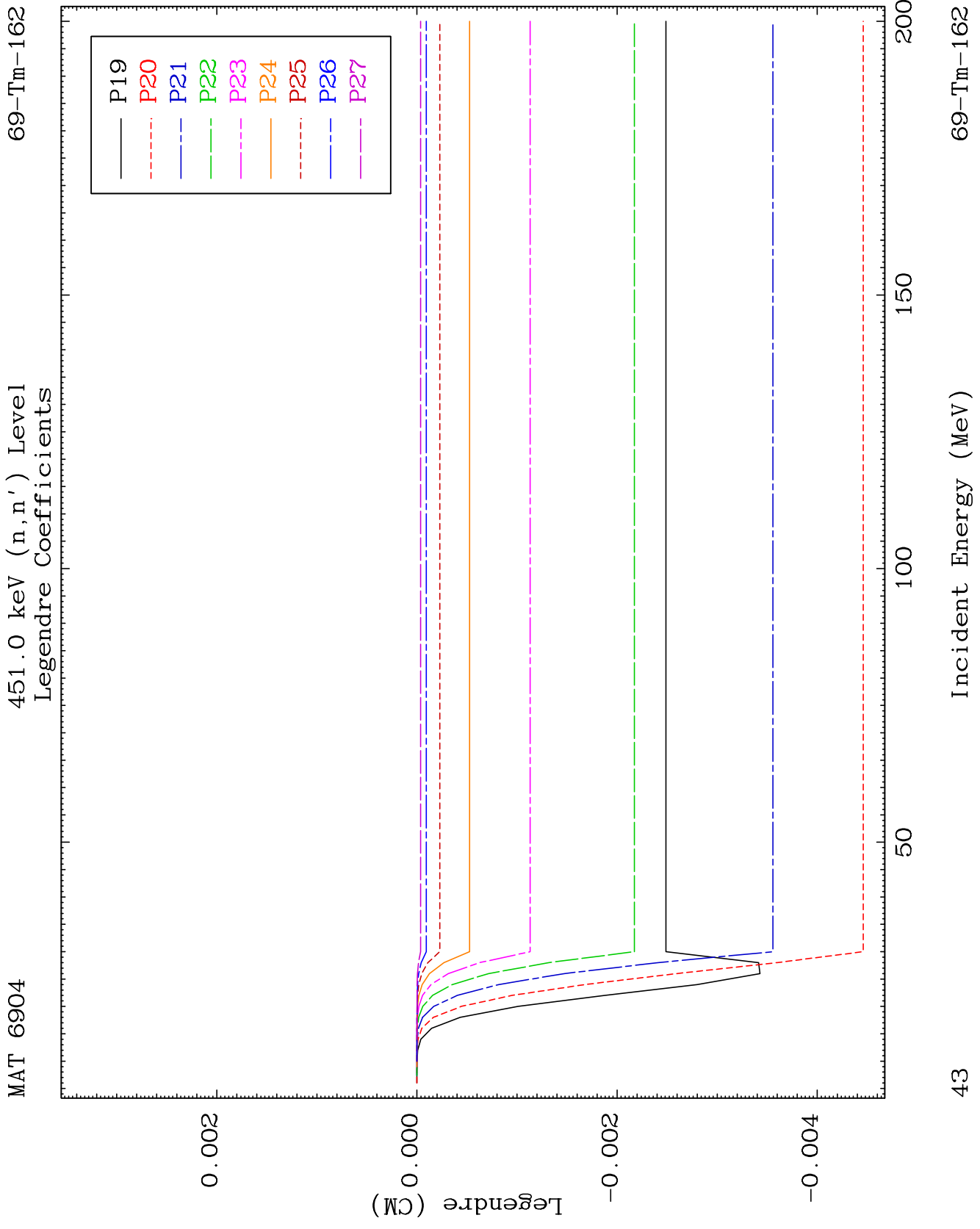
69-Tm-162

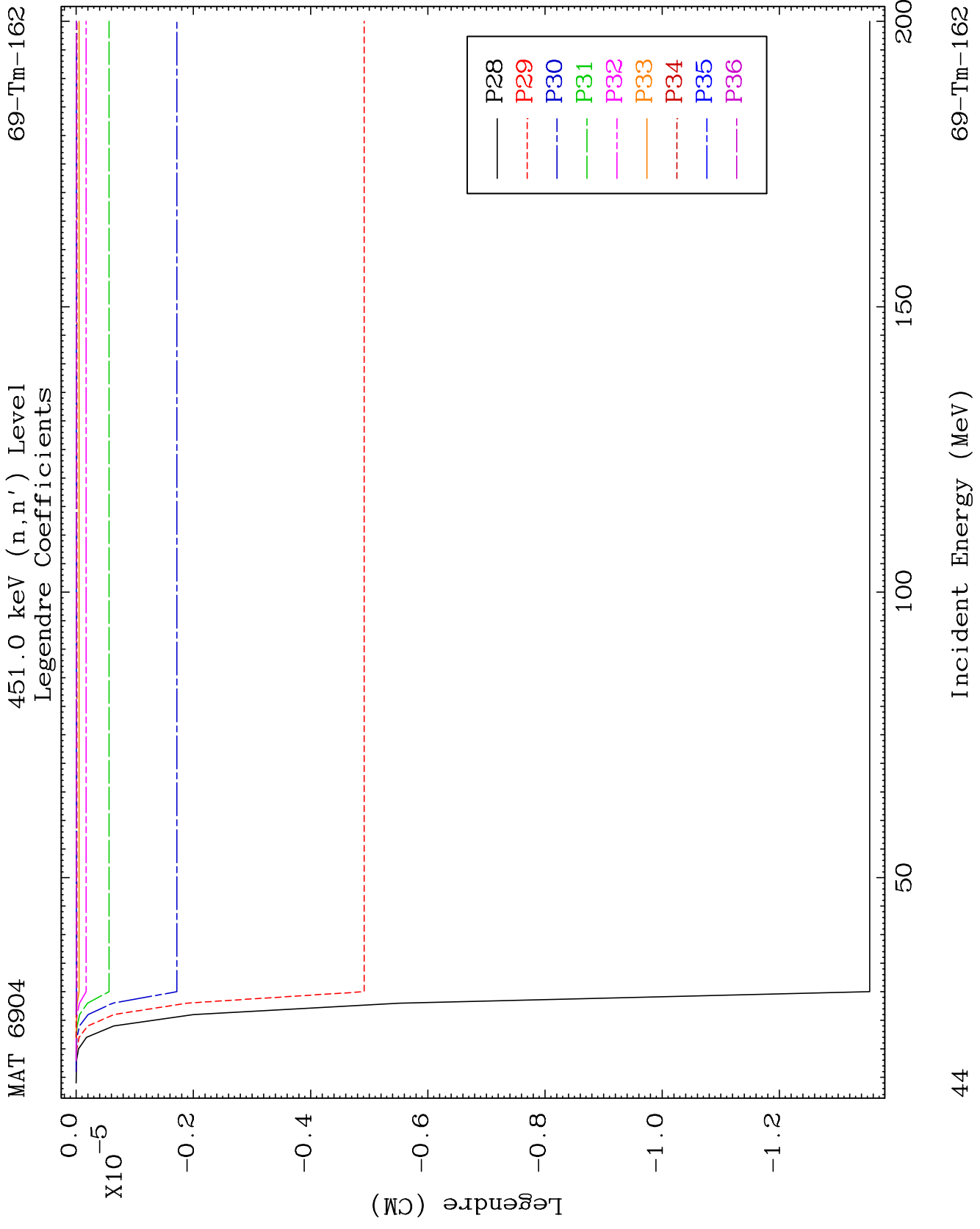


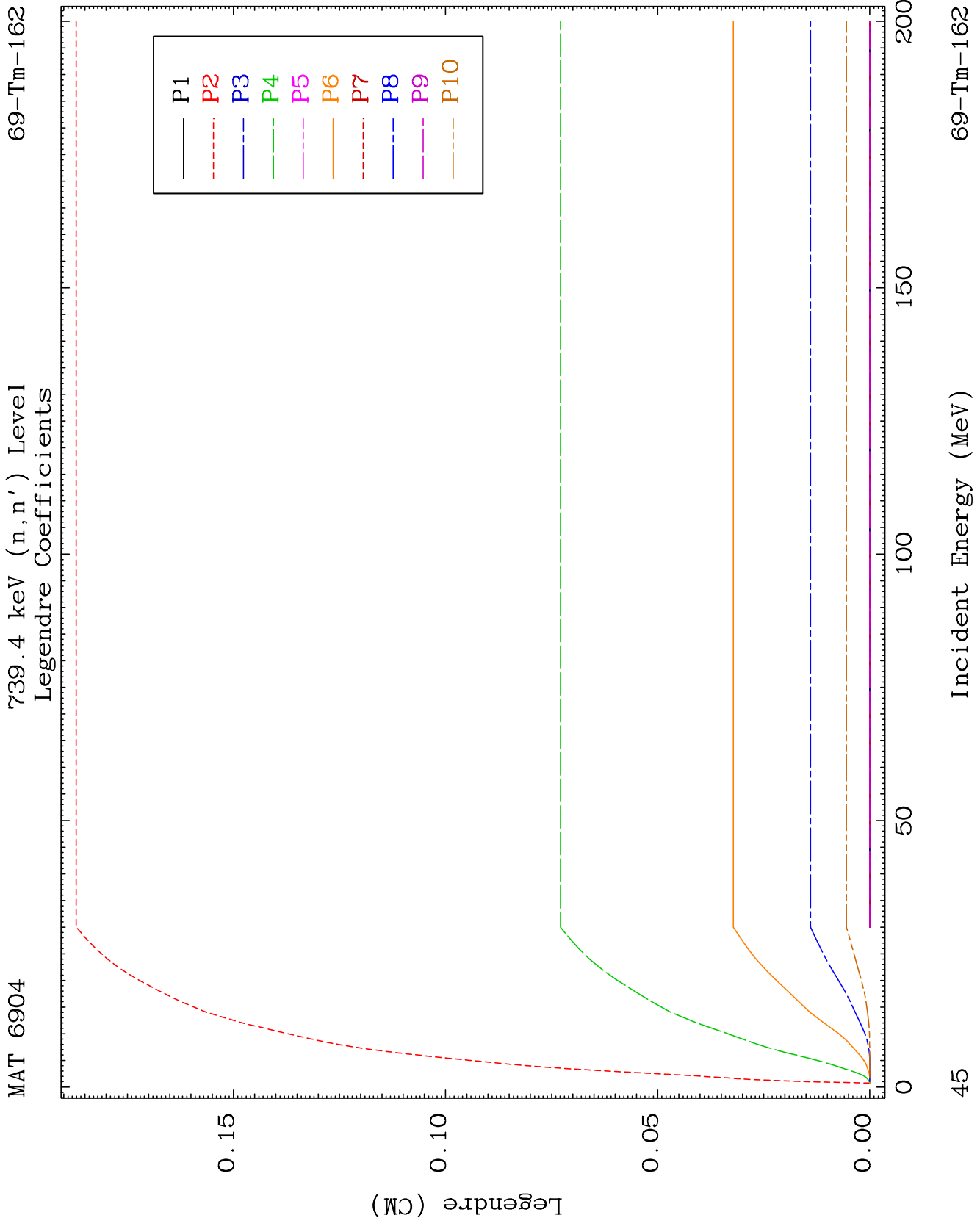
69-Tm-162

Incident Energy (MeV)

42



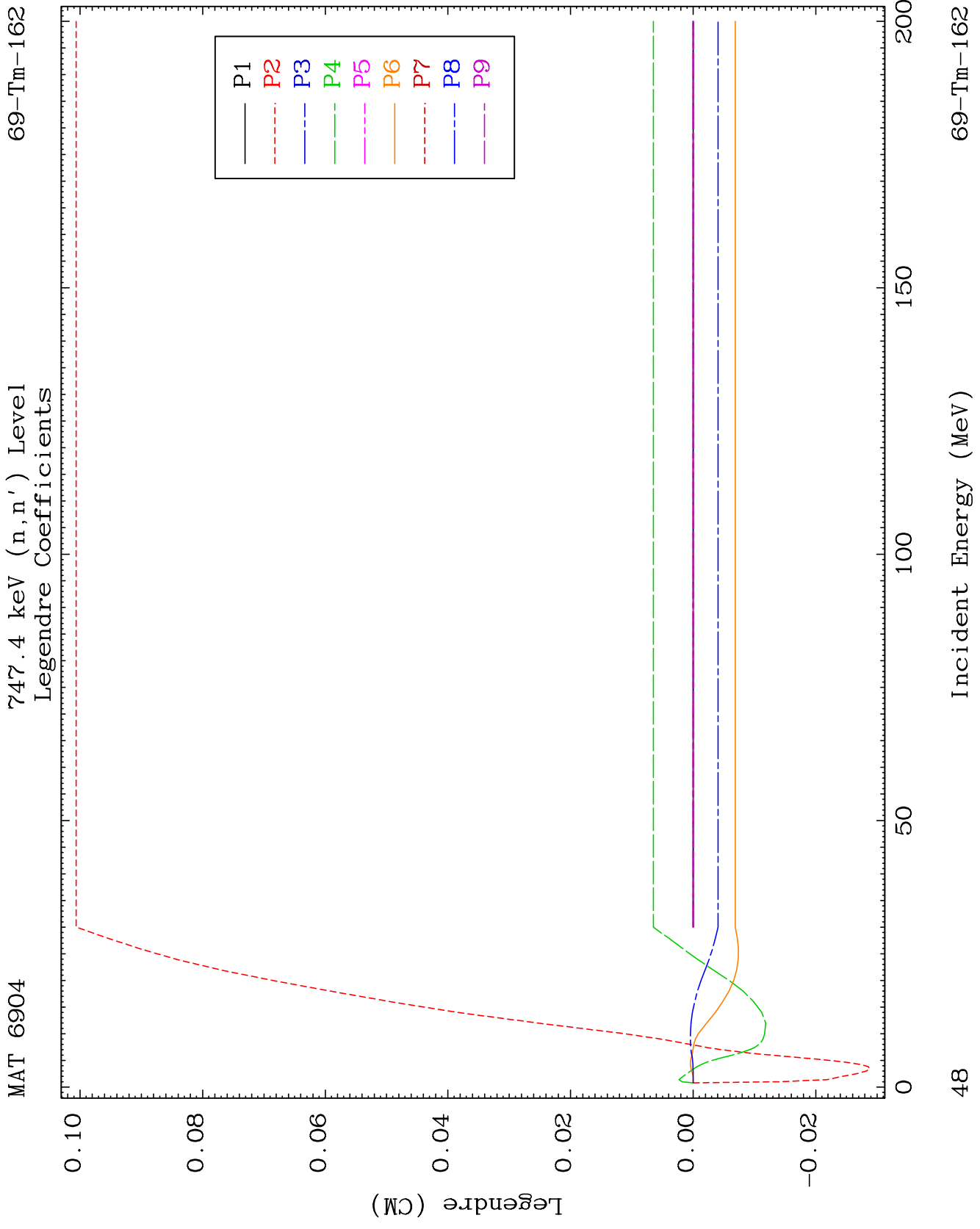








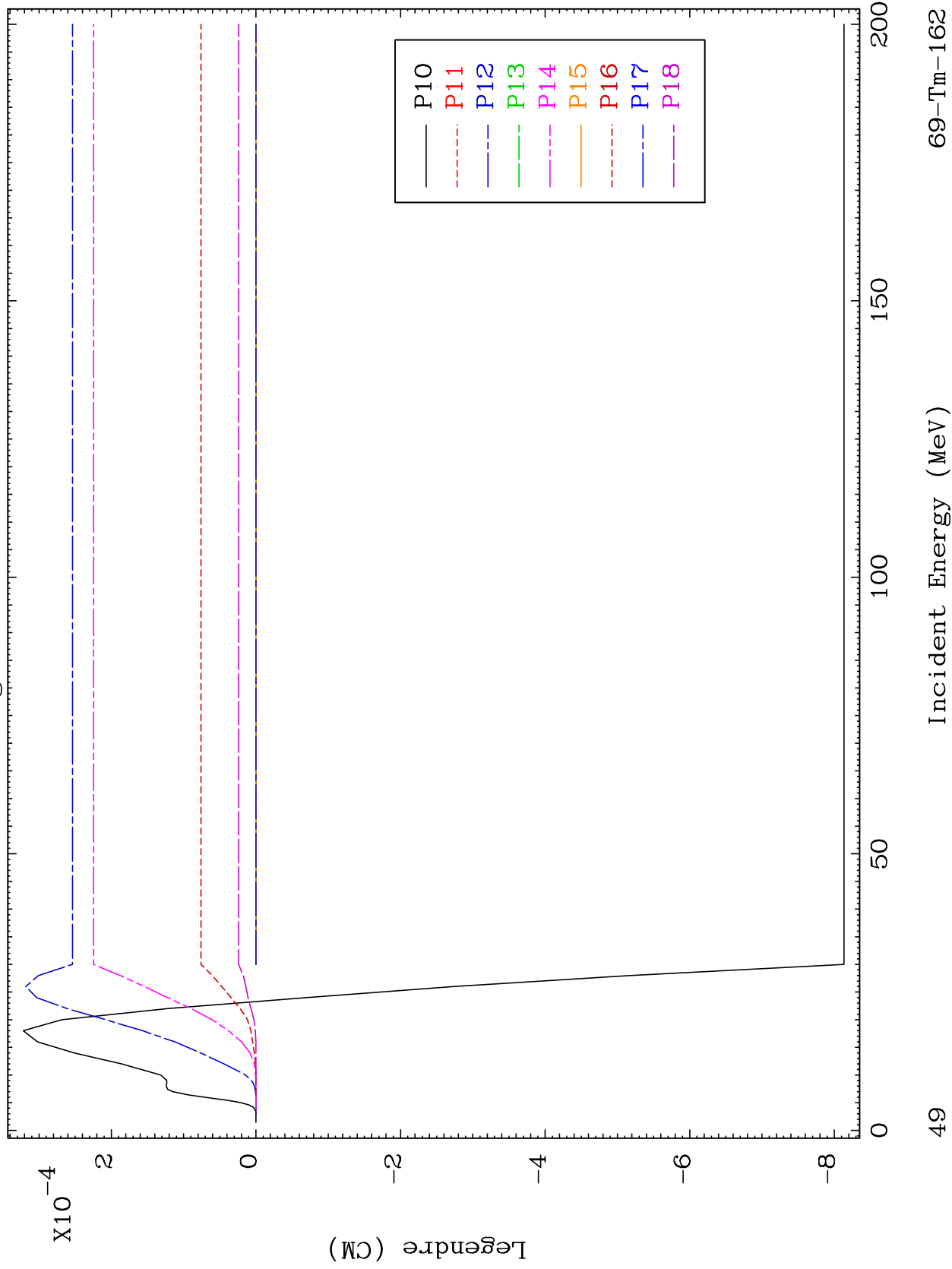




MAT 6904

747.4 keV (n,n') Level  
Legendre Coefficients

69-Tm-162

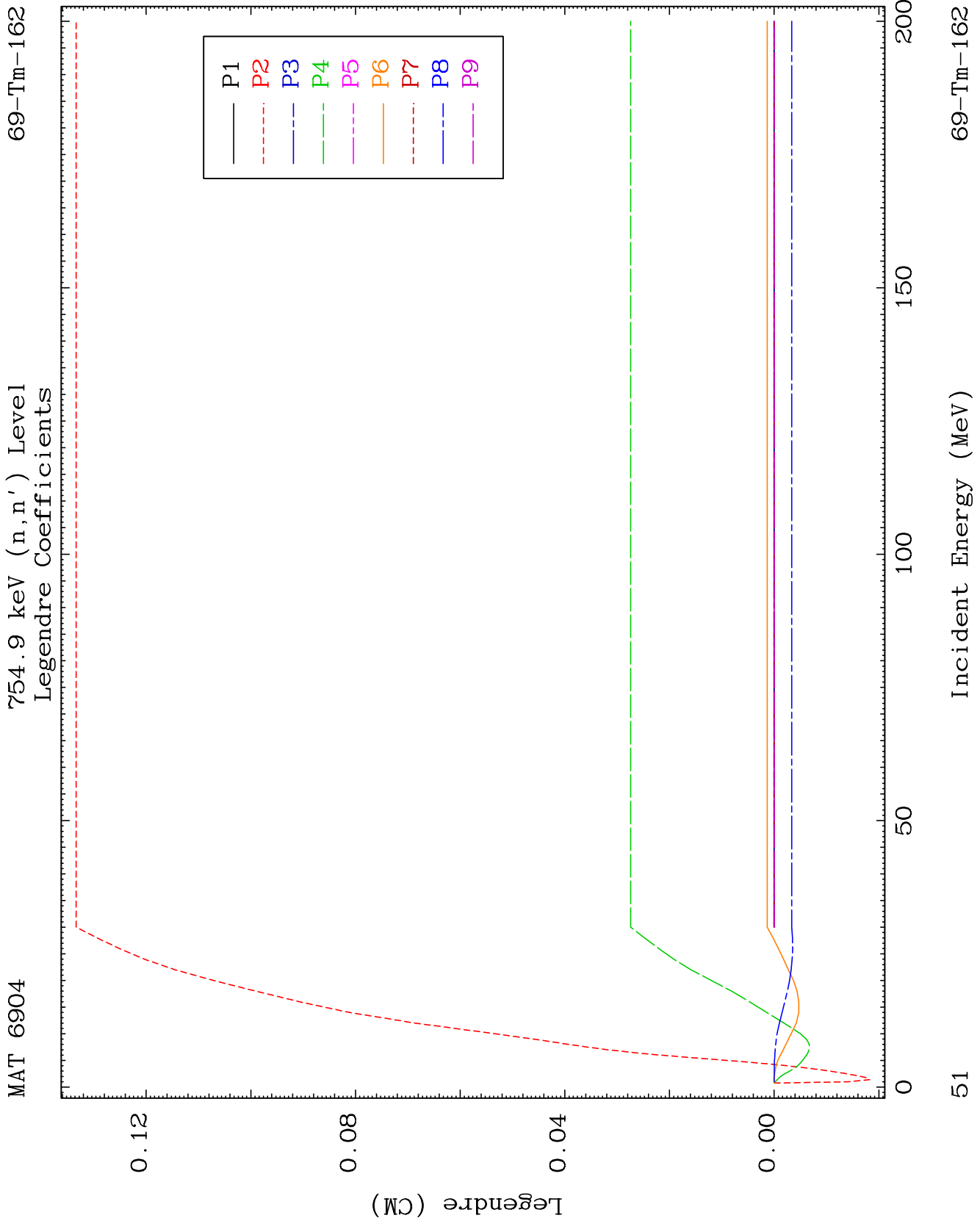


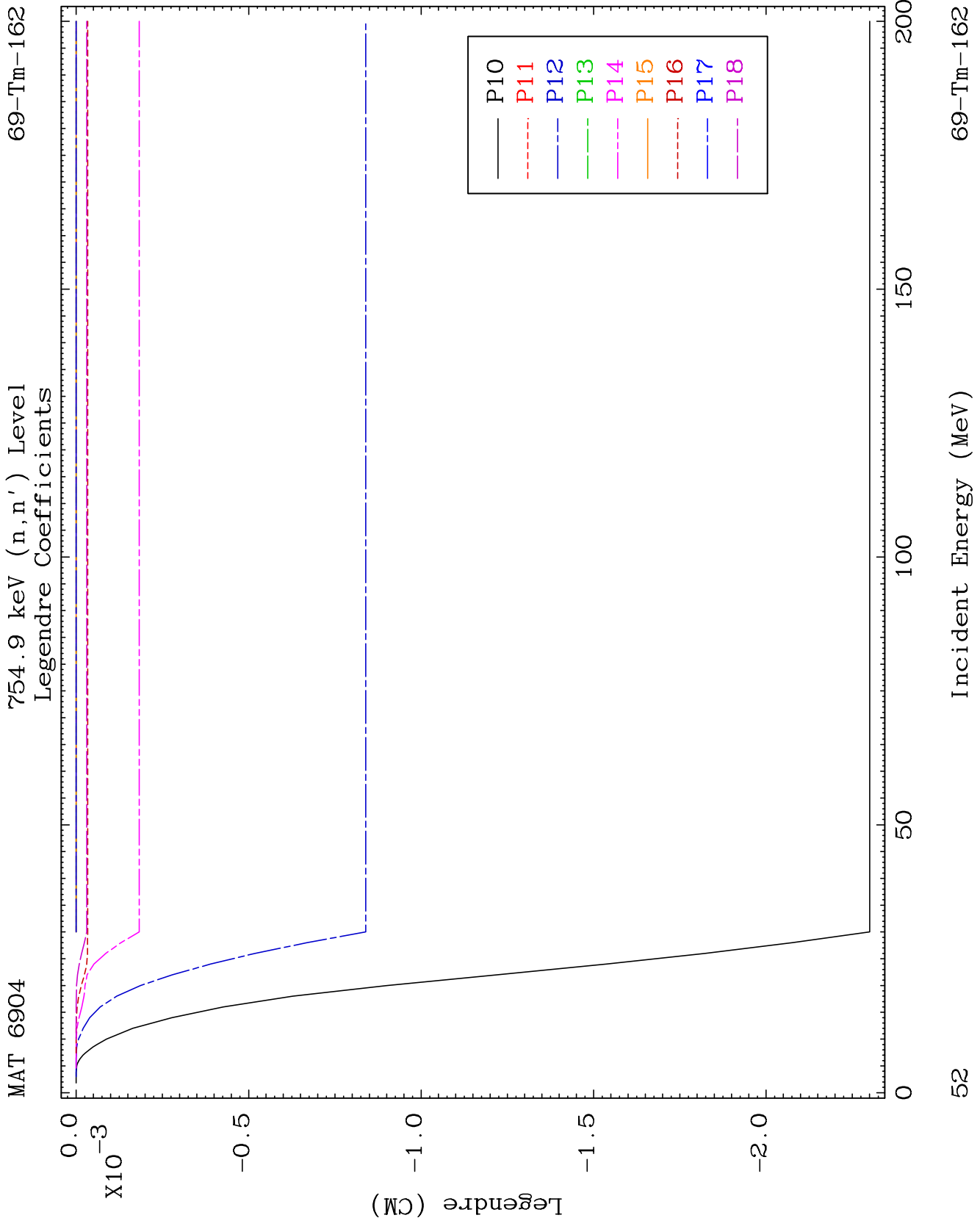
49

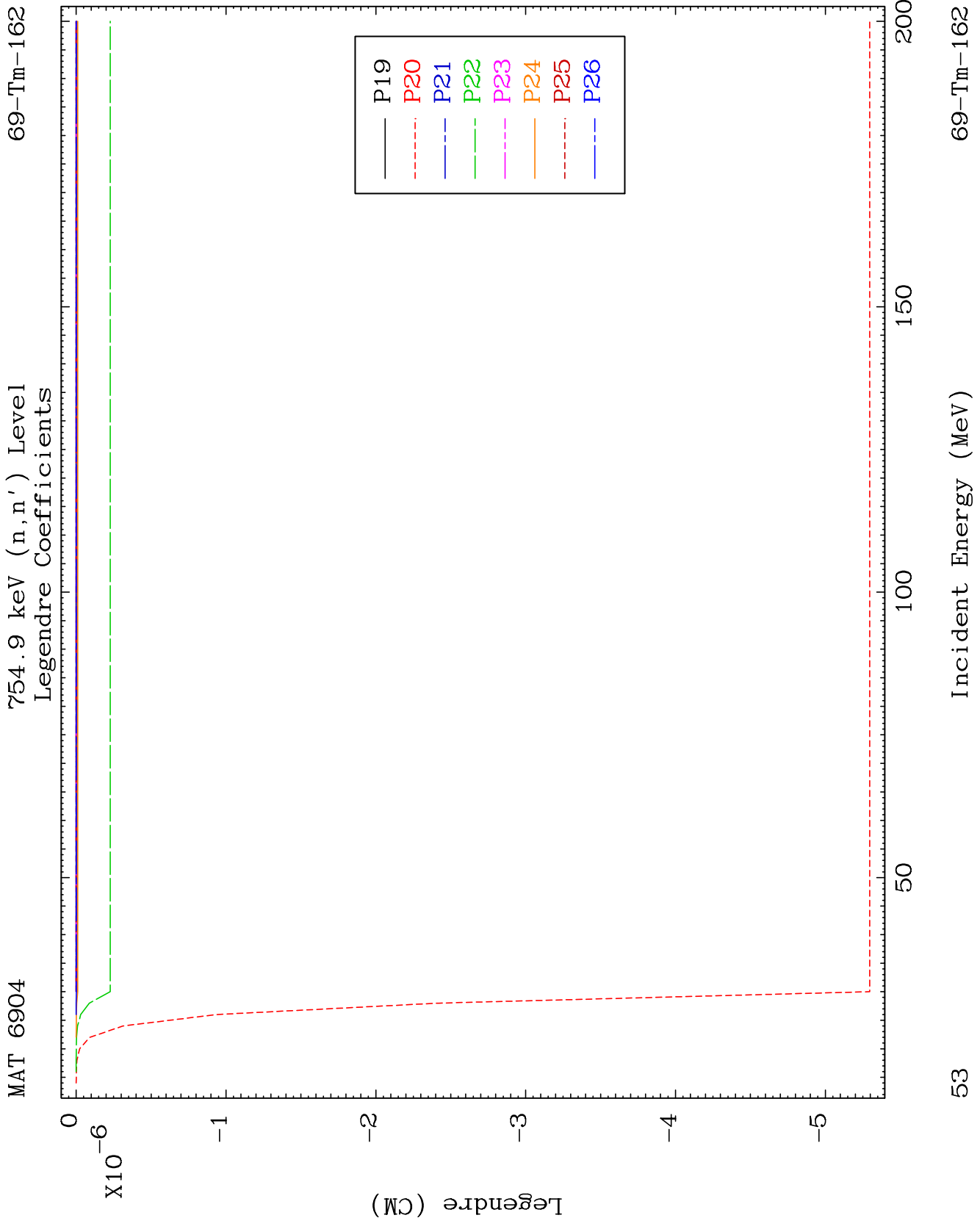
Incident Energy (MeV)

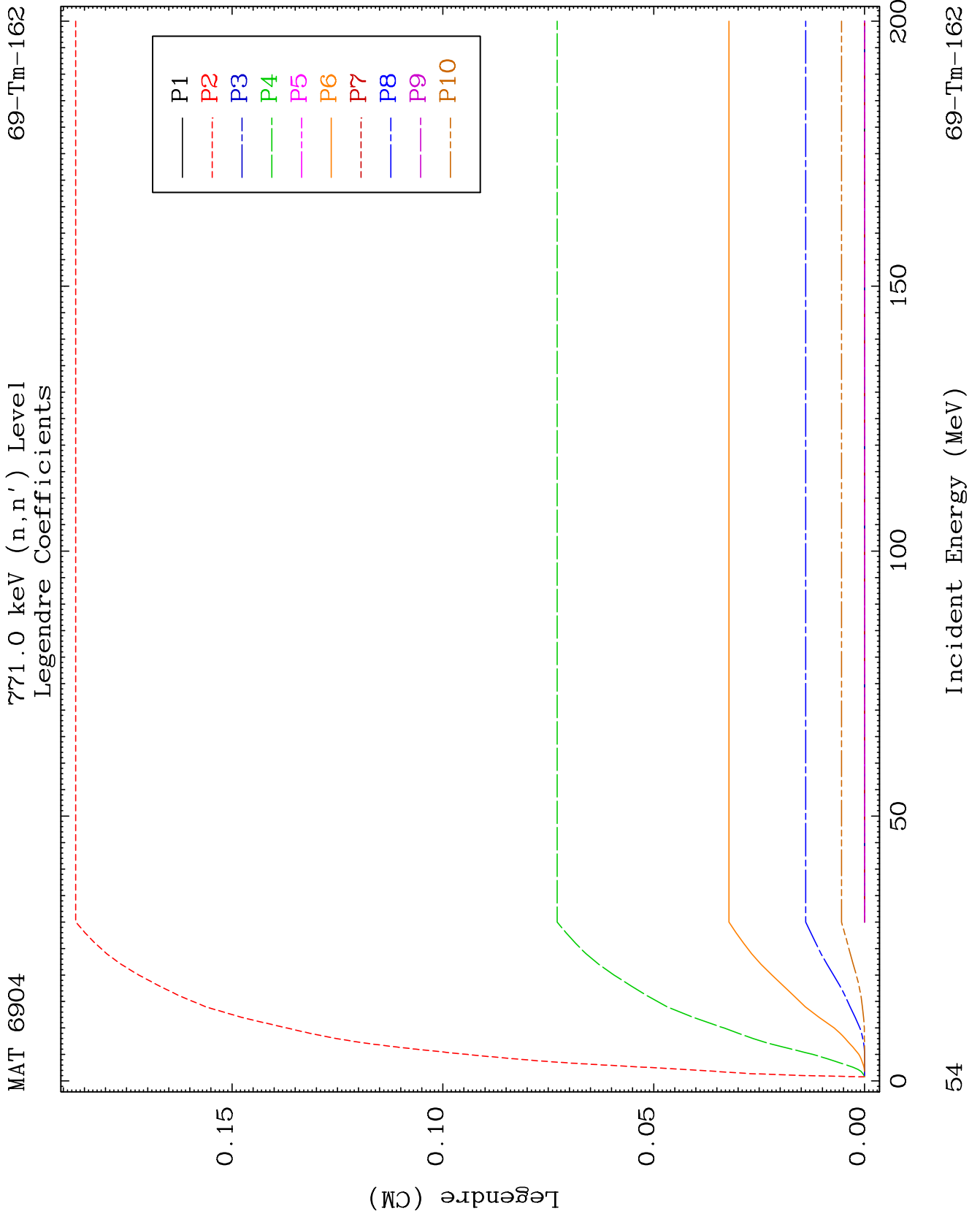
69-Tm-162





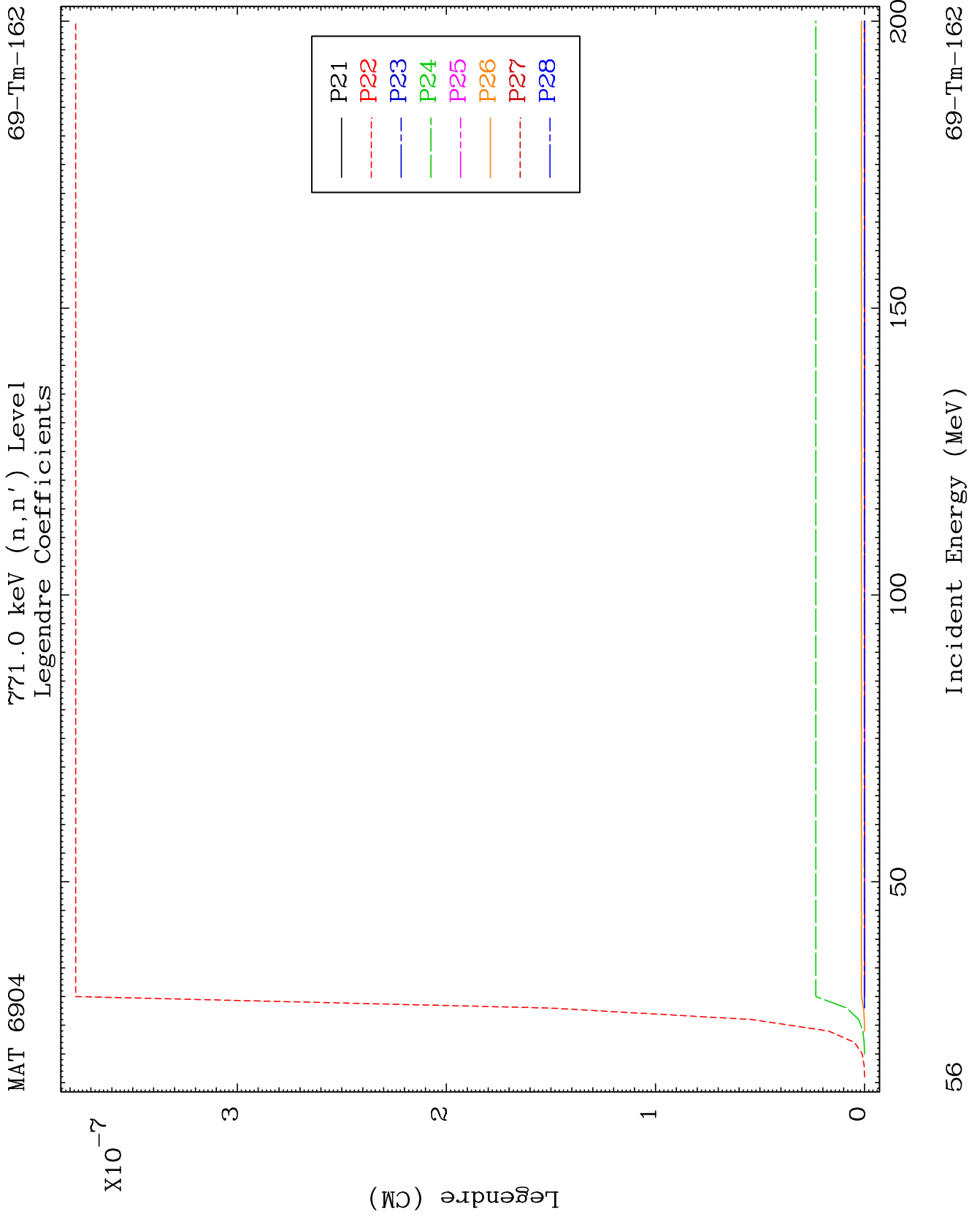










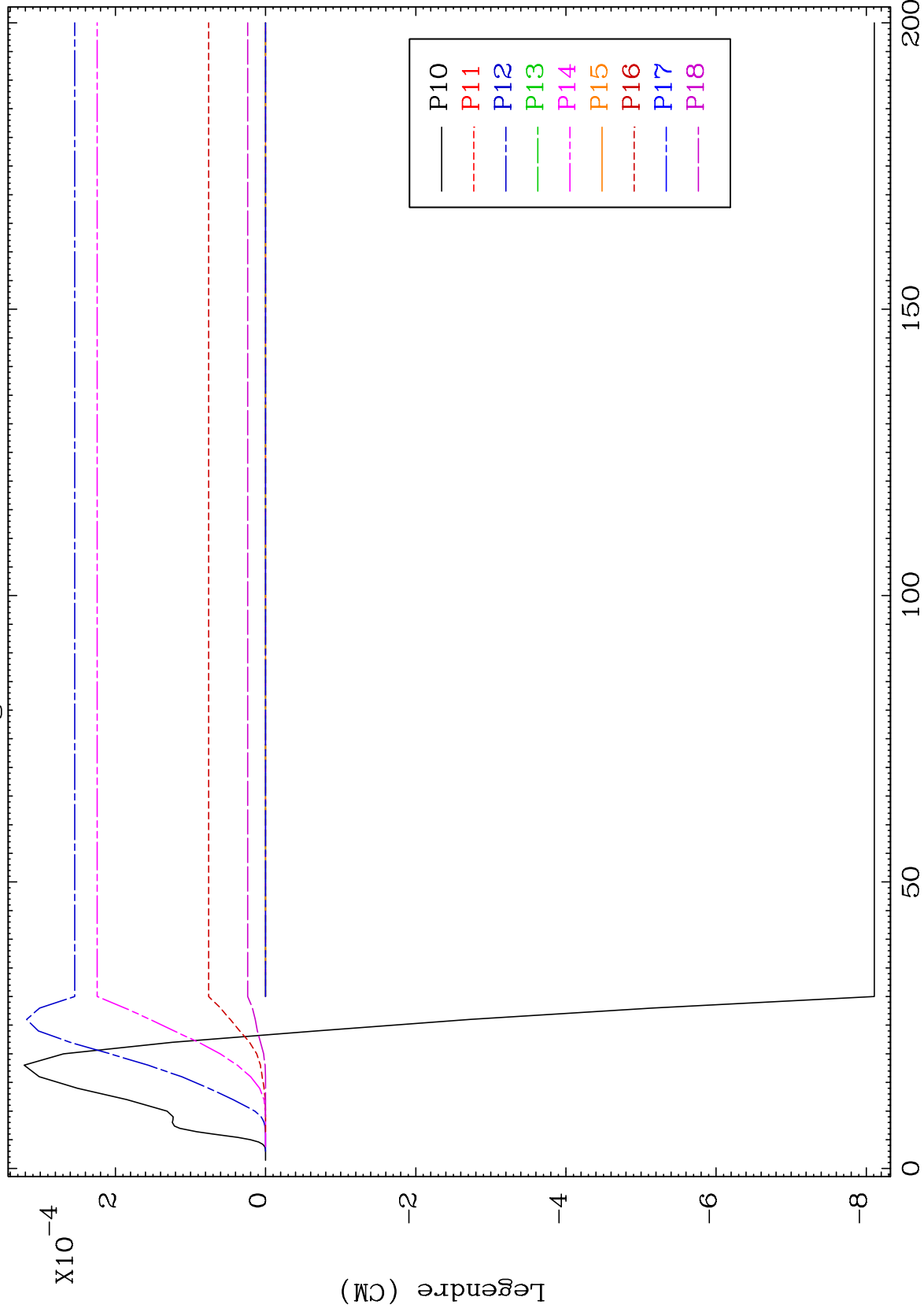




MAT 6904

780.2 keV (n,n') Level  
Legendre Coefficients

69-Tm-162

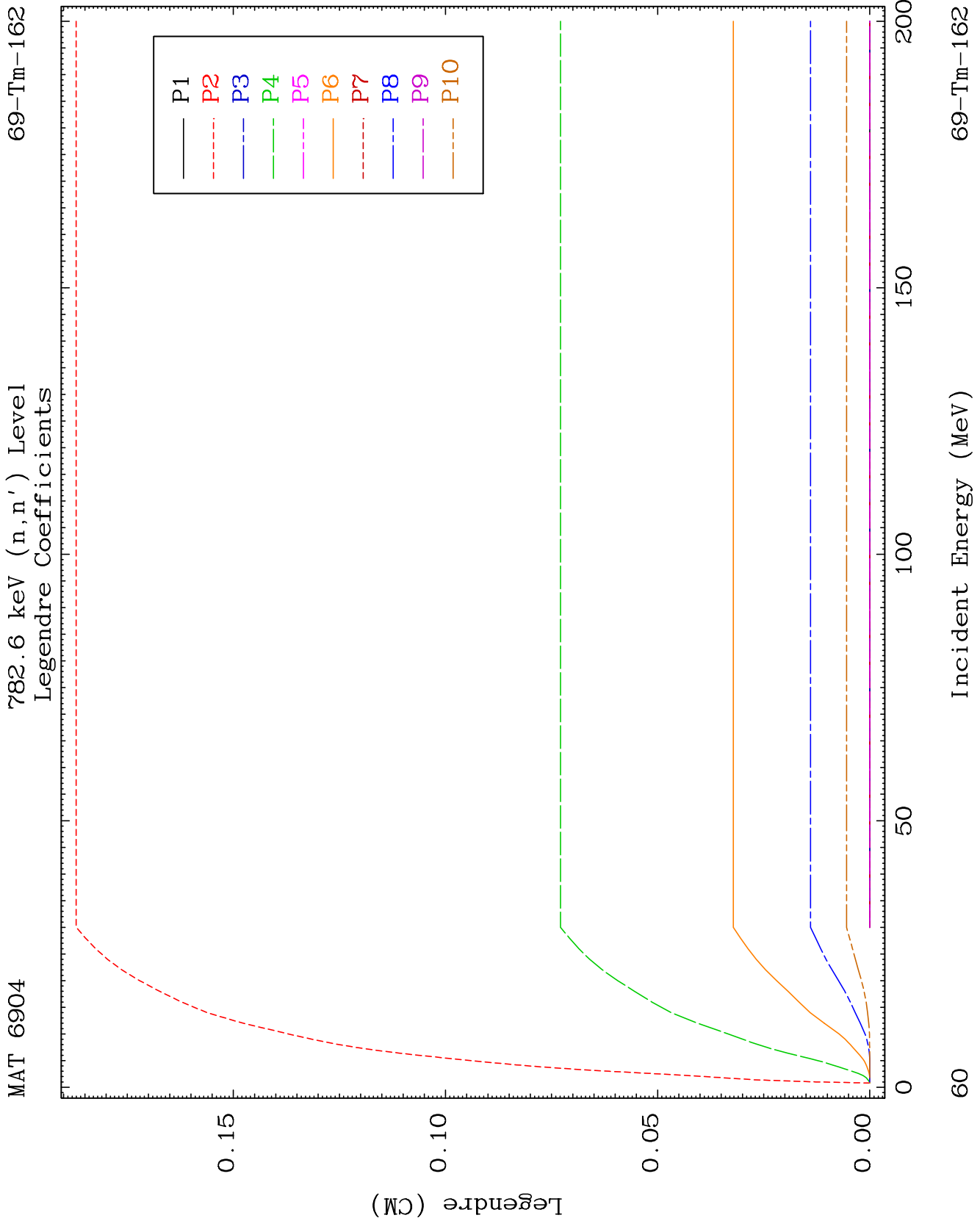


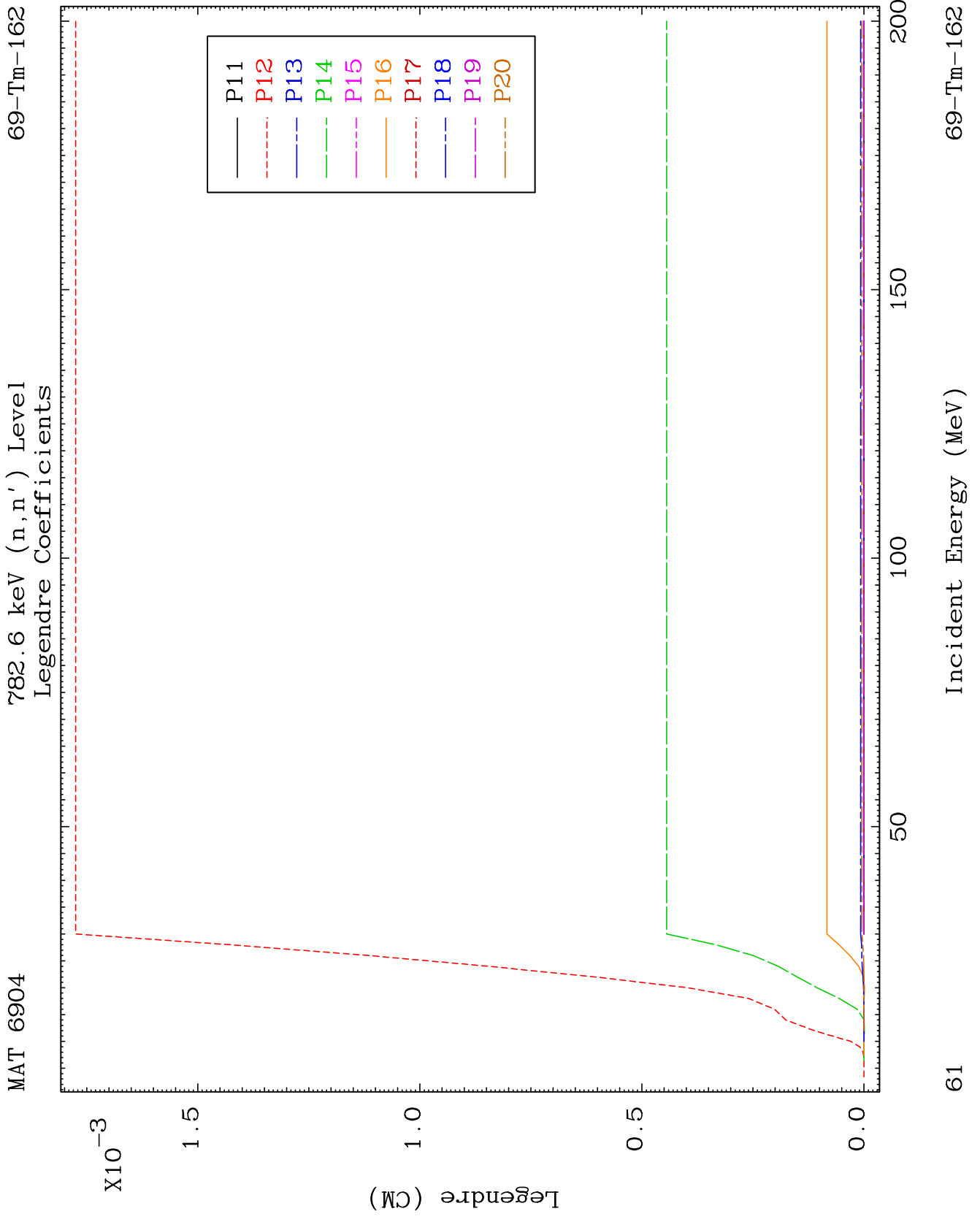
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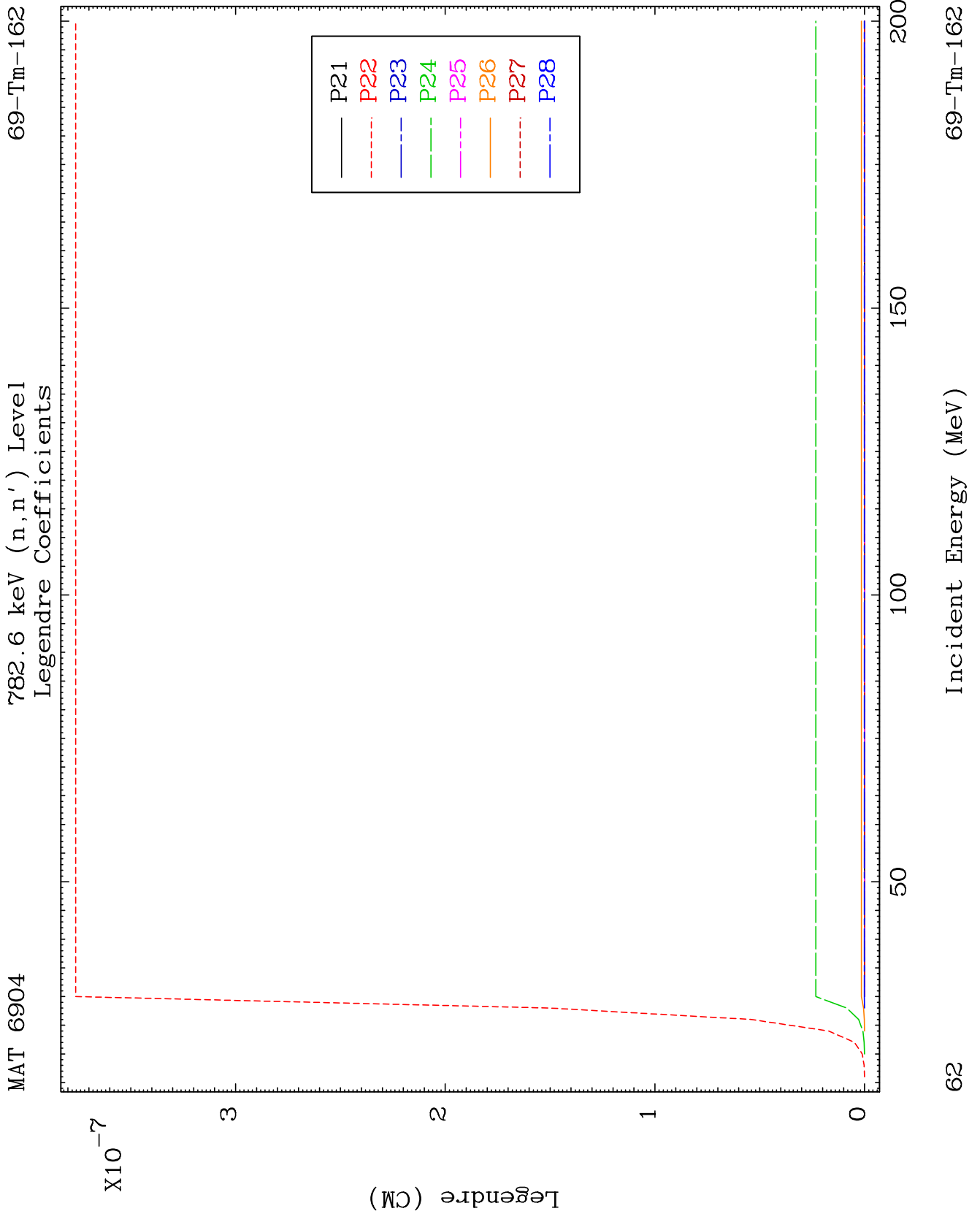
Incident Energy (MeV)

69-Tm-162





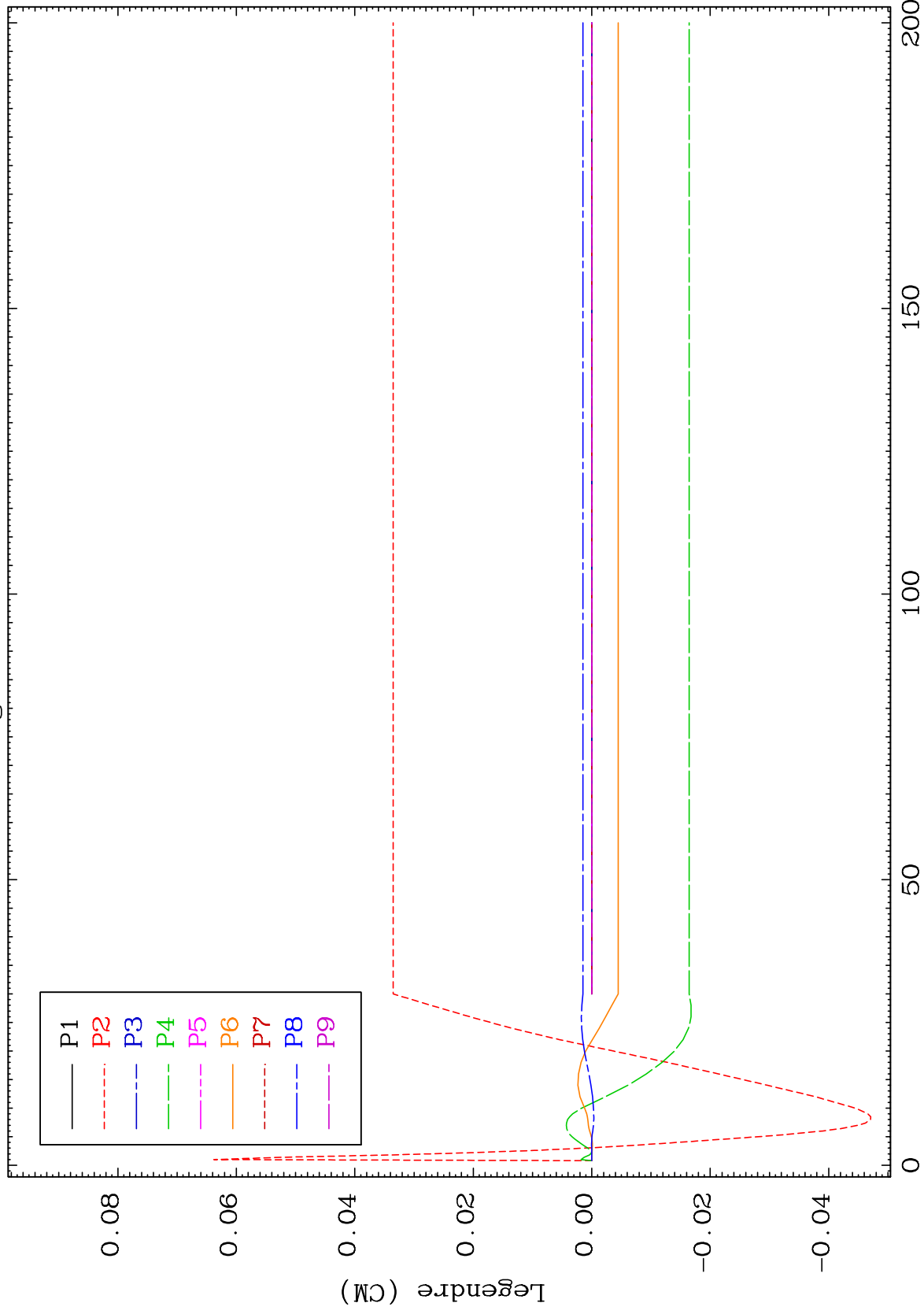




MAT 6904

791.8 keV (n,n') Level  
Legendre Coefficients

69-Tm-162



63

Incident Energy (MeV)

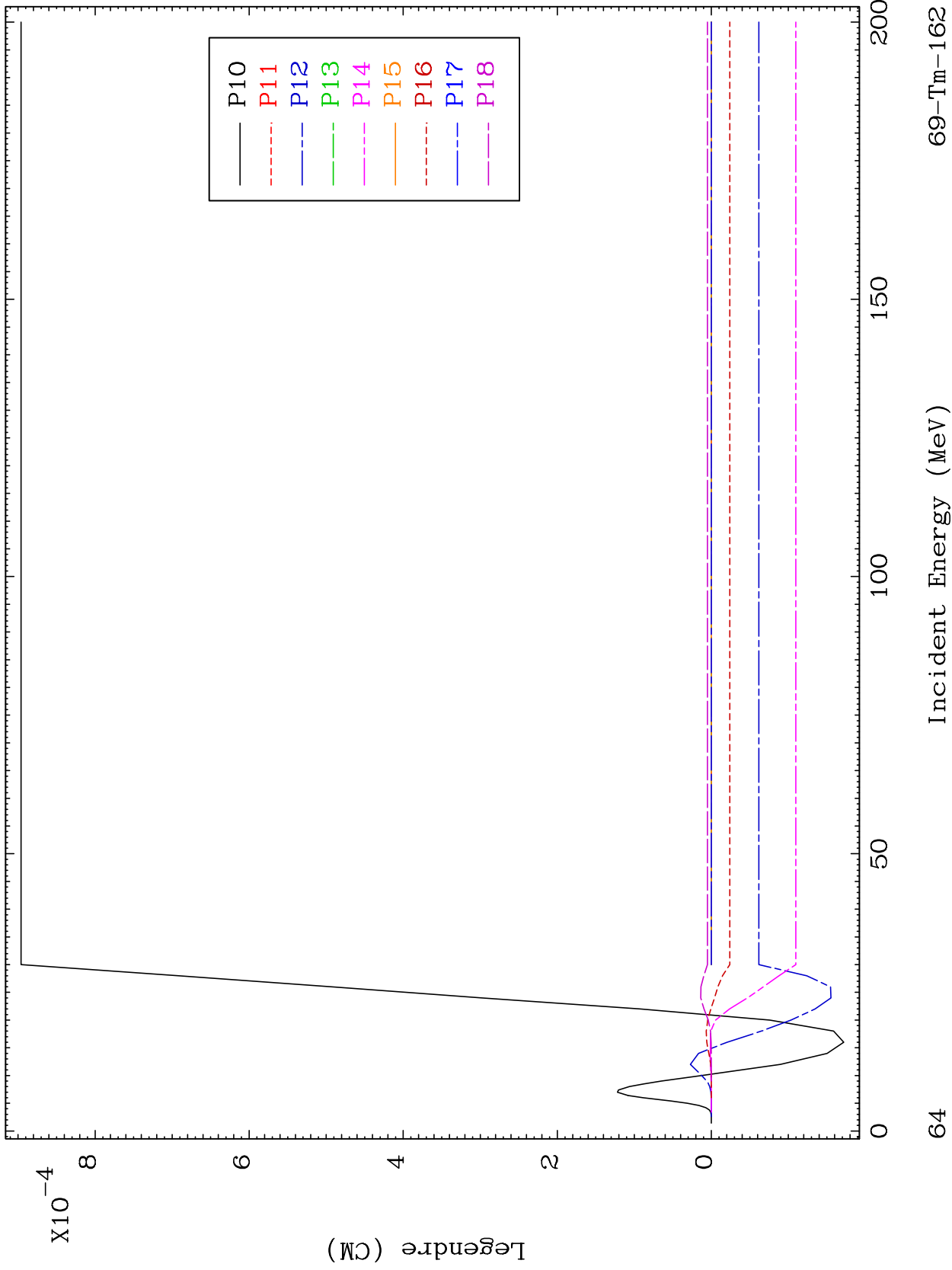
69-Tm-162



MAT 6904

791.8 keV (n,n') Level  
Legendre Coefficients

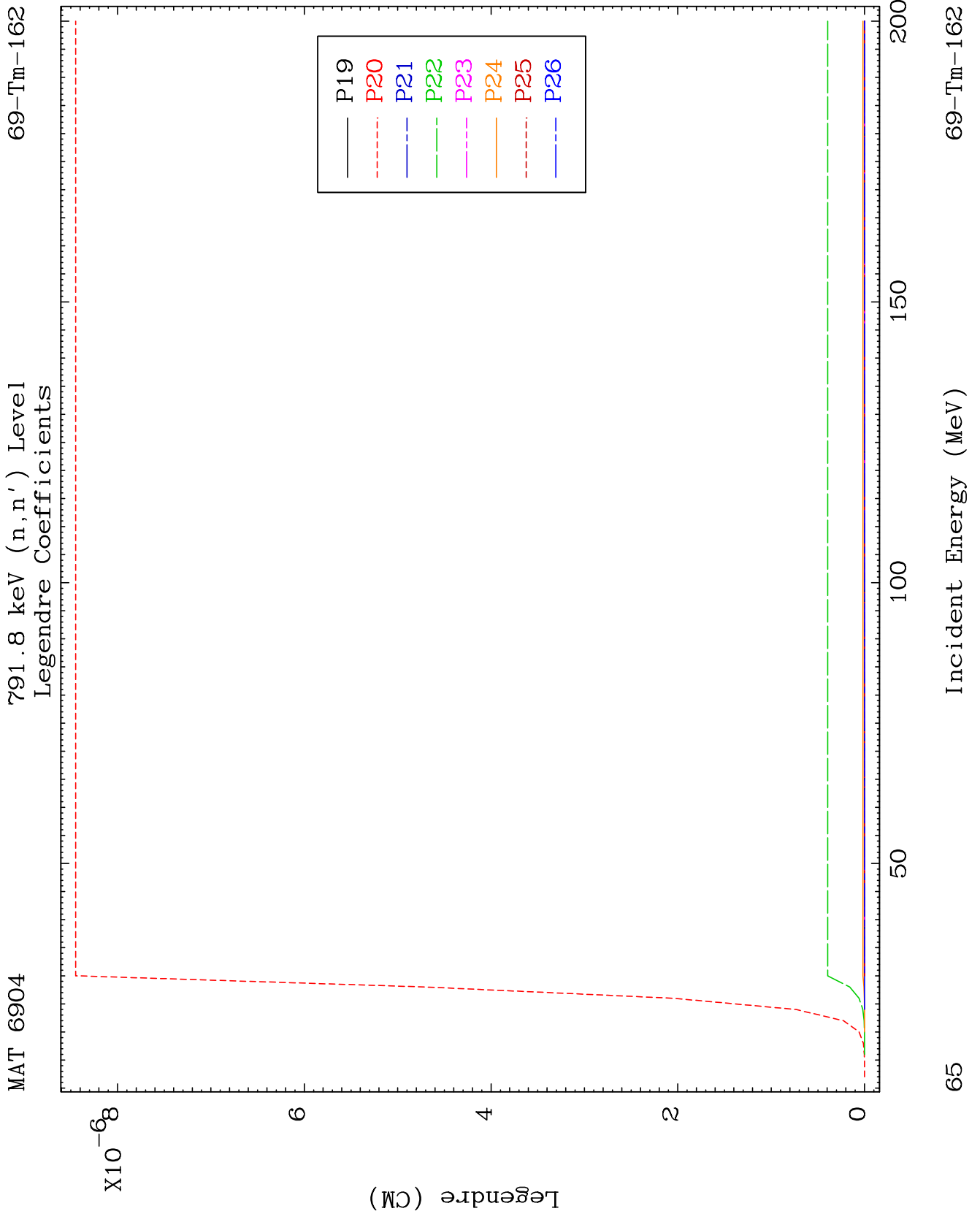
69-Tm-162



69-Tm-162

Incident Energy (MeV)

64

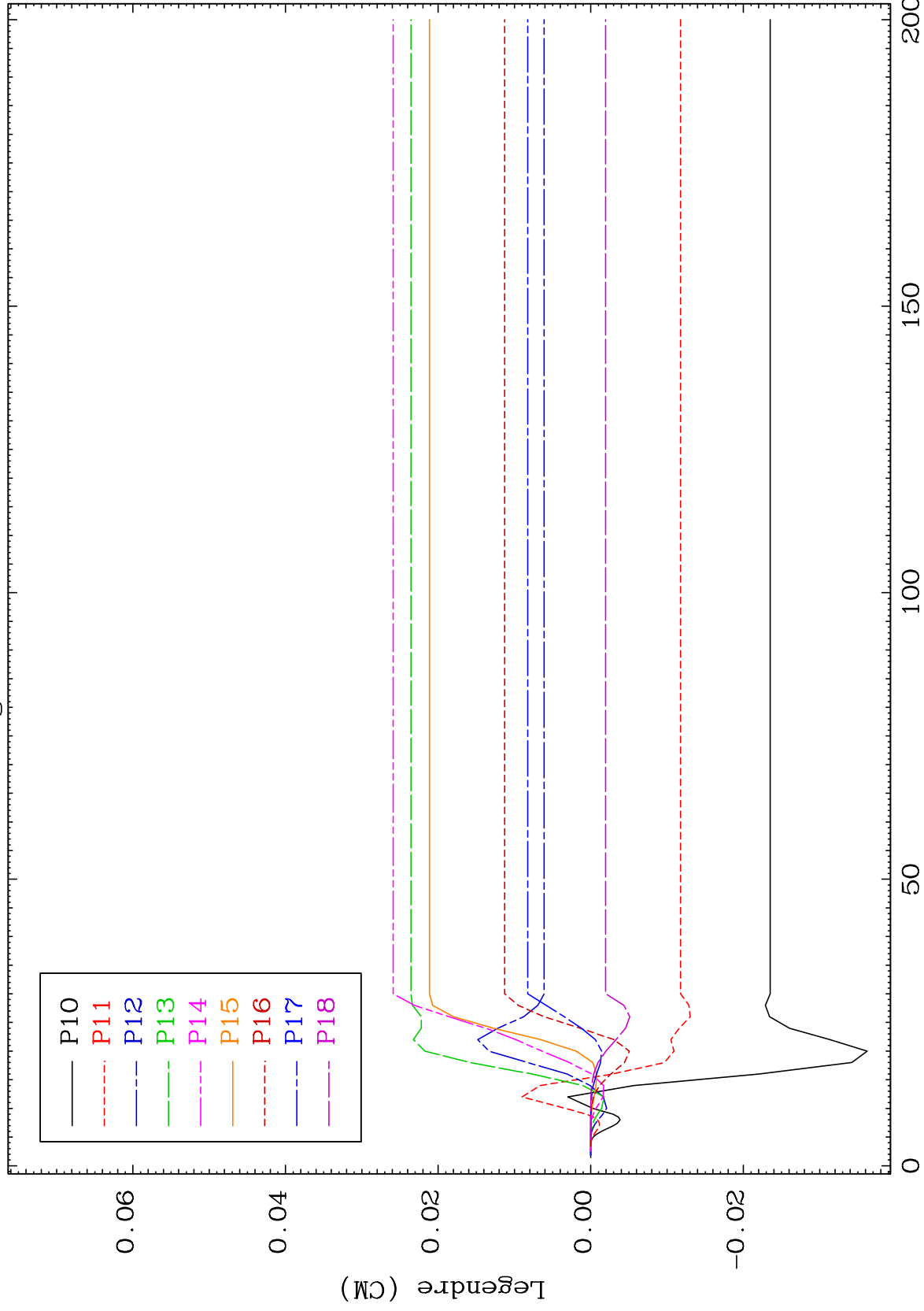




MAT 6904

800.5 keV (n,n') Level  
Legendre Coefficients

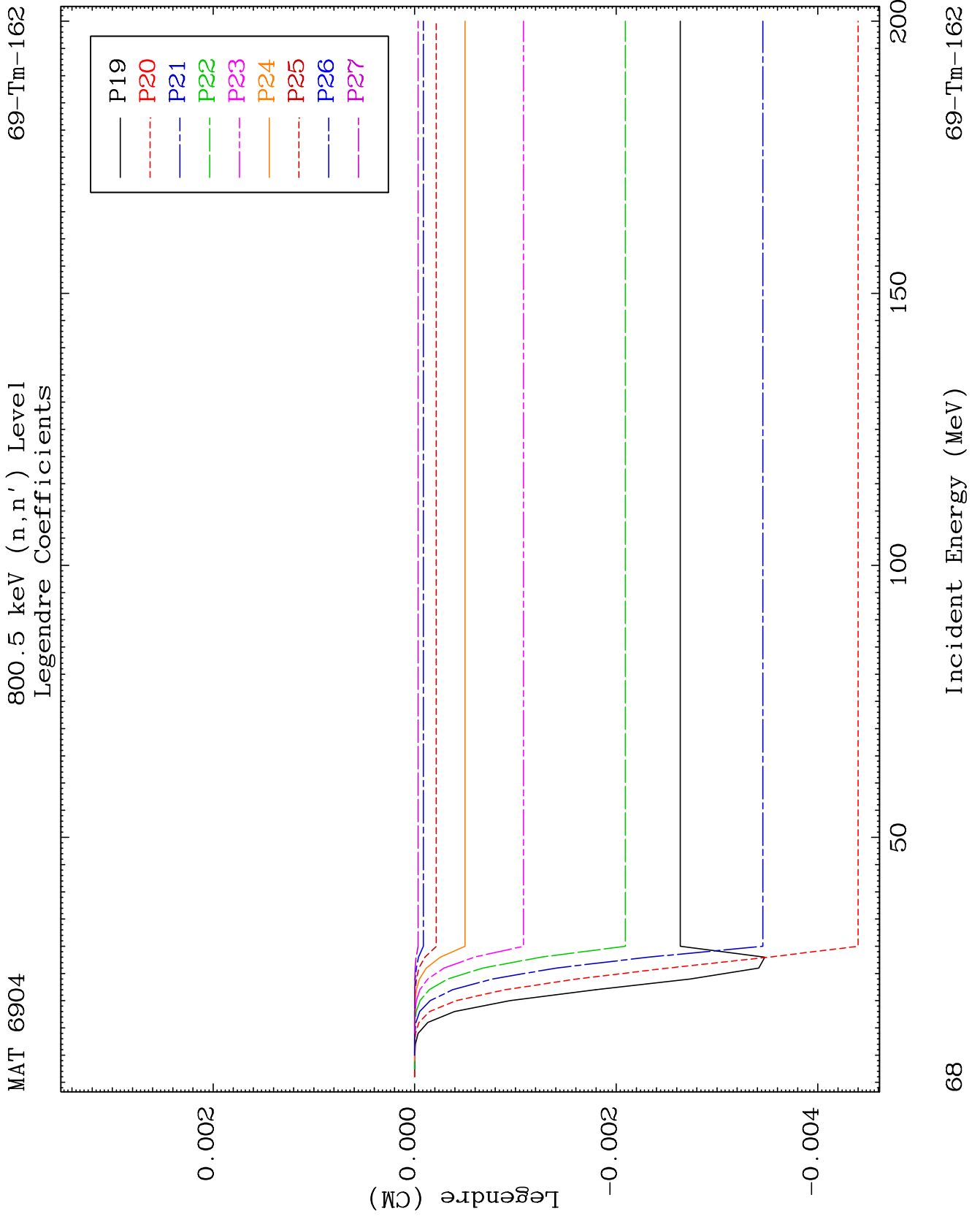
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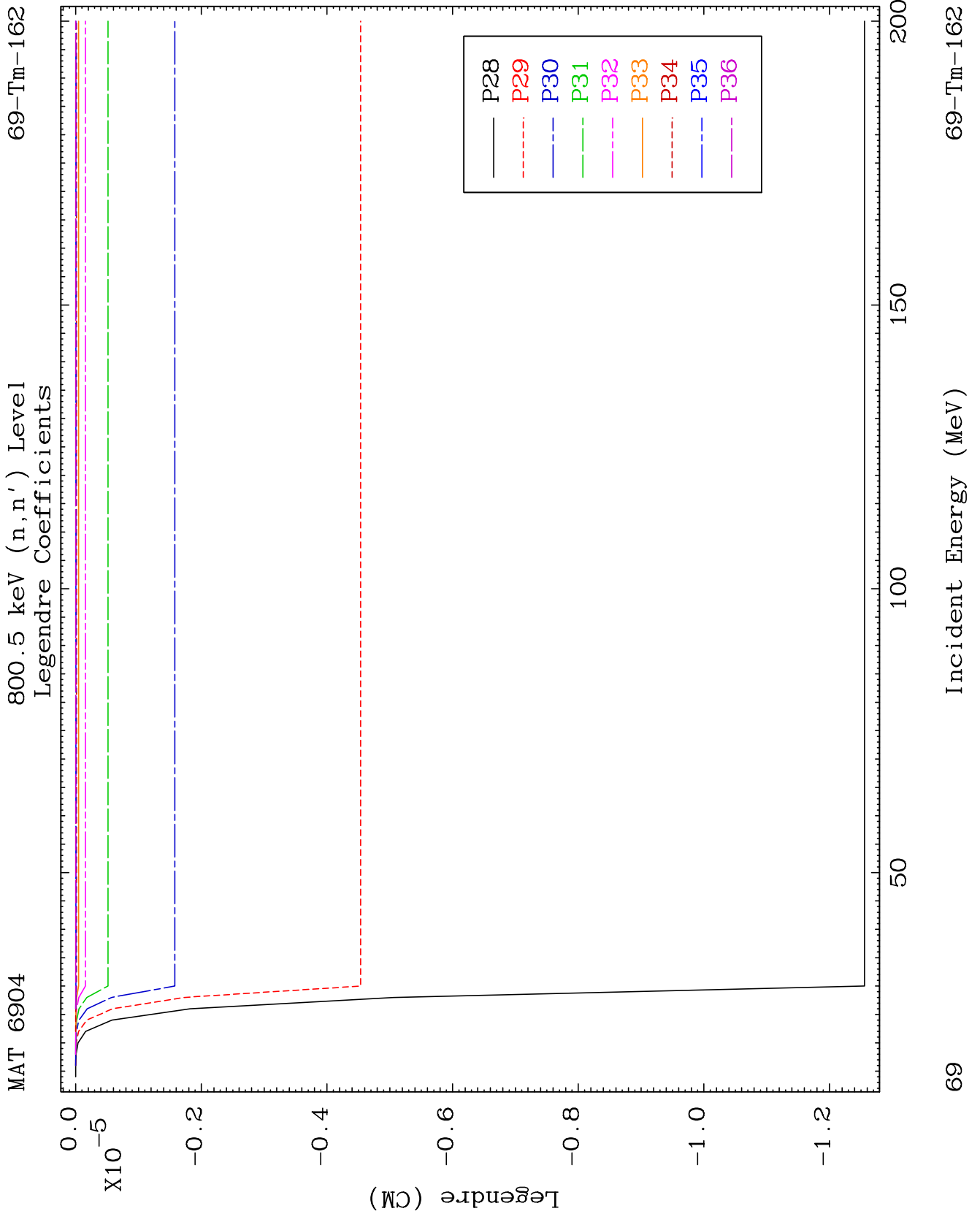


Incident Energy (MeV)

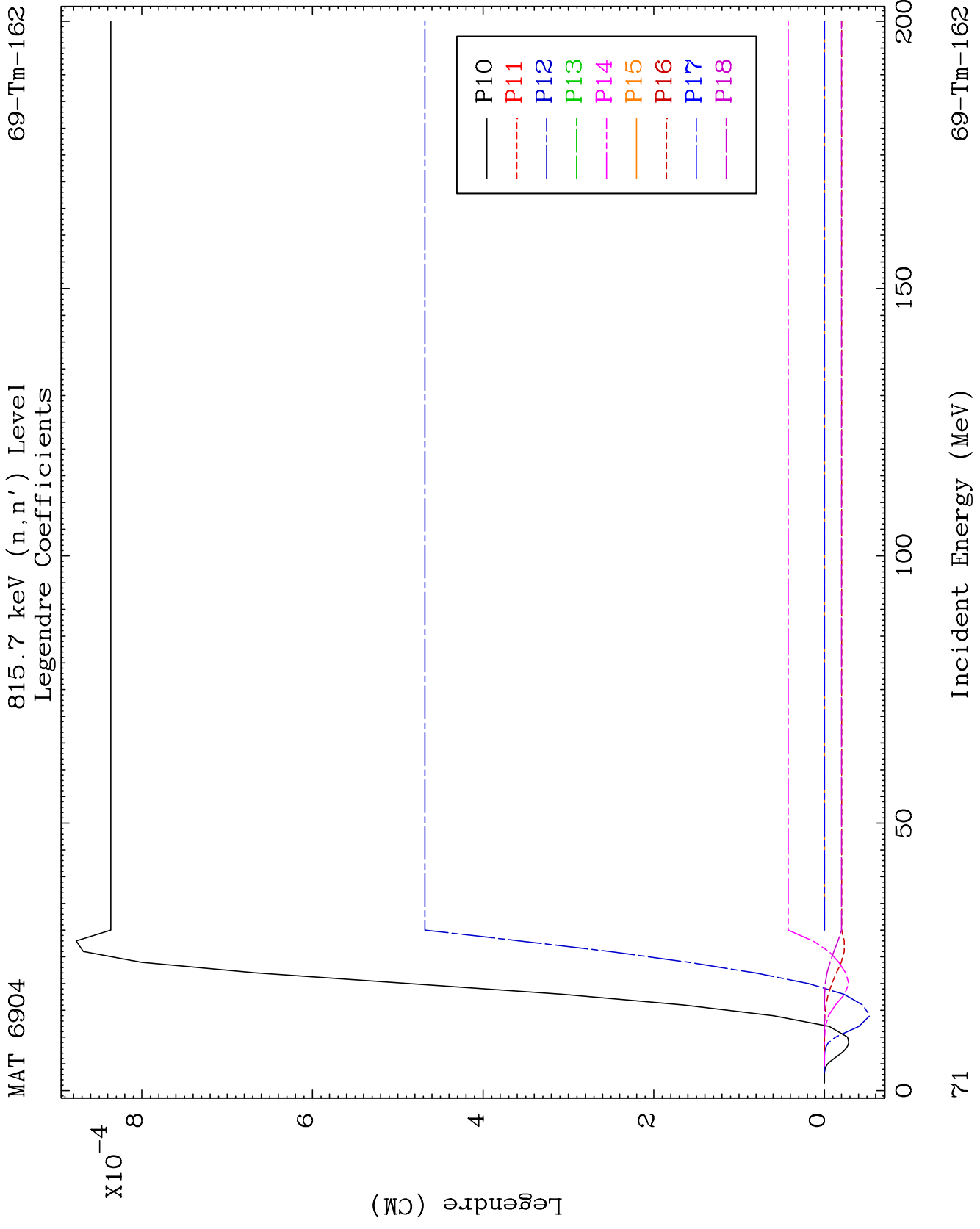
69-Tm-162

67

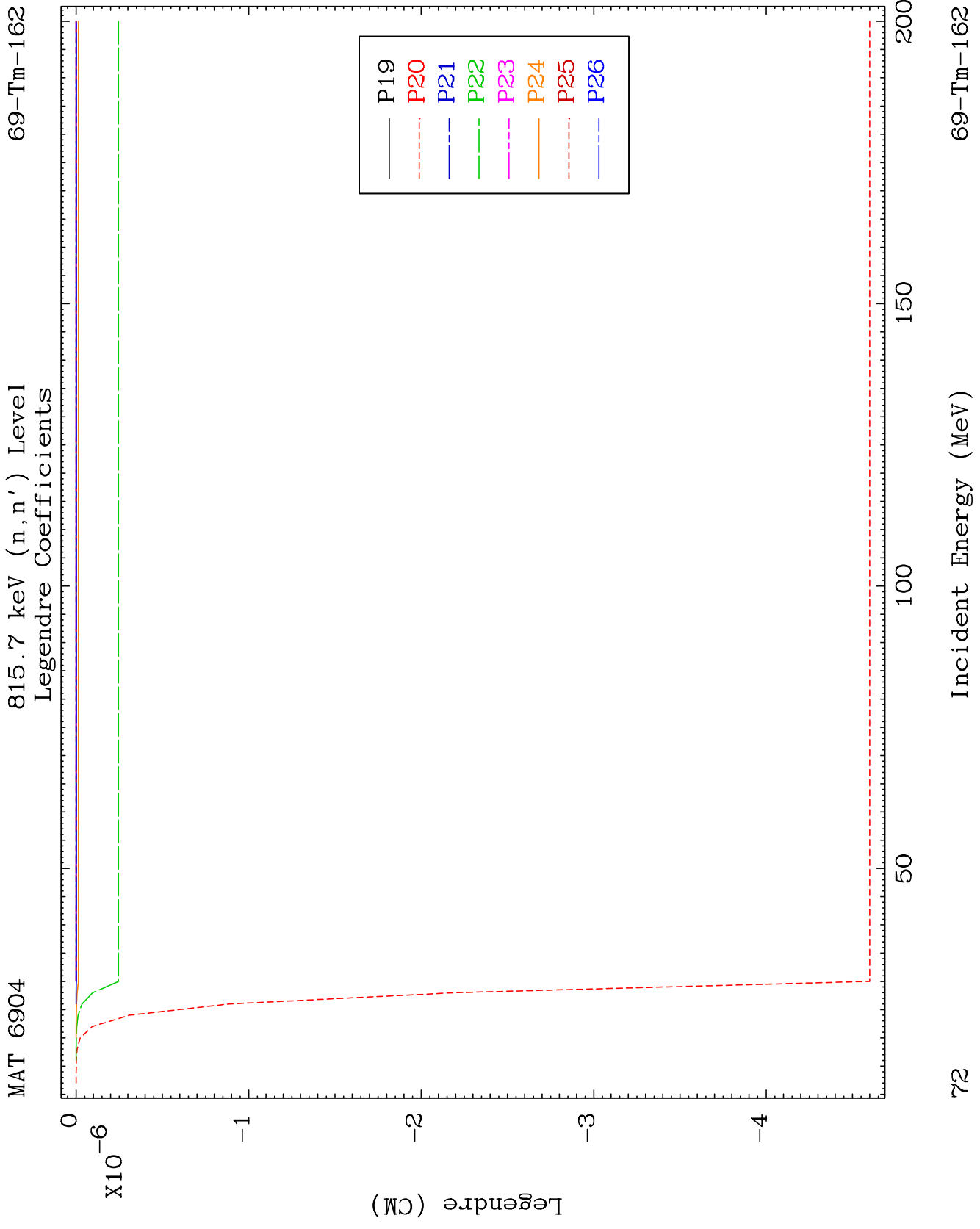


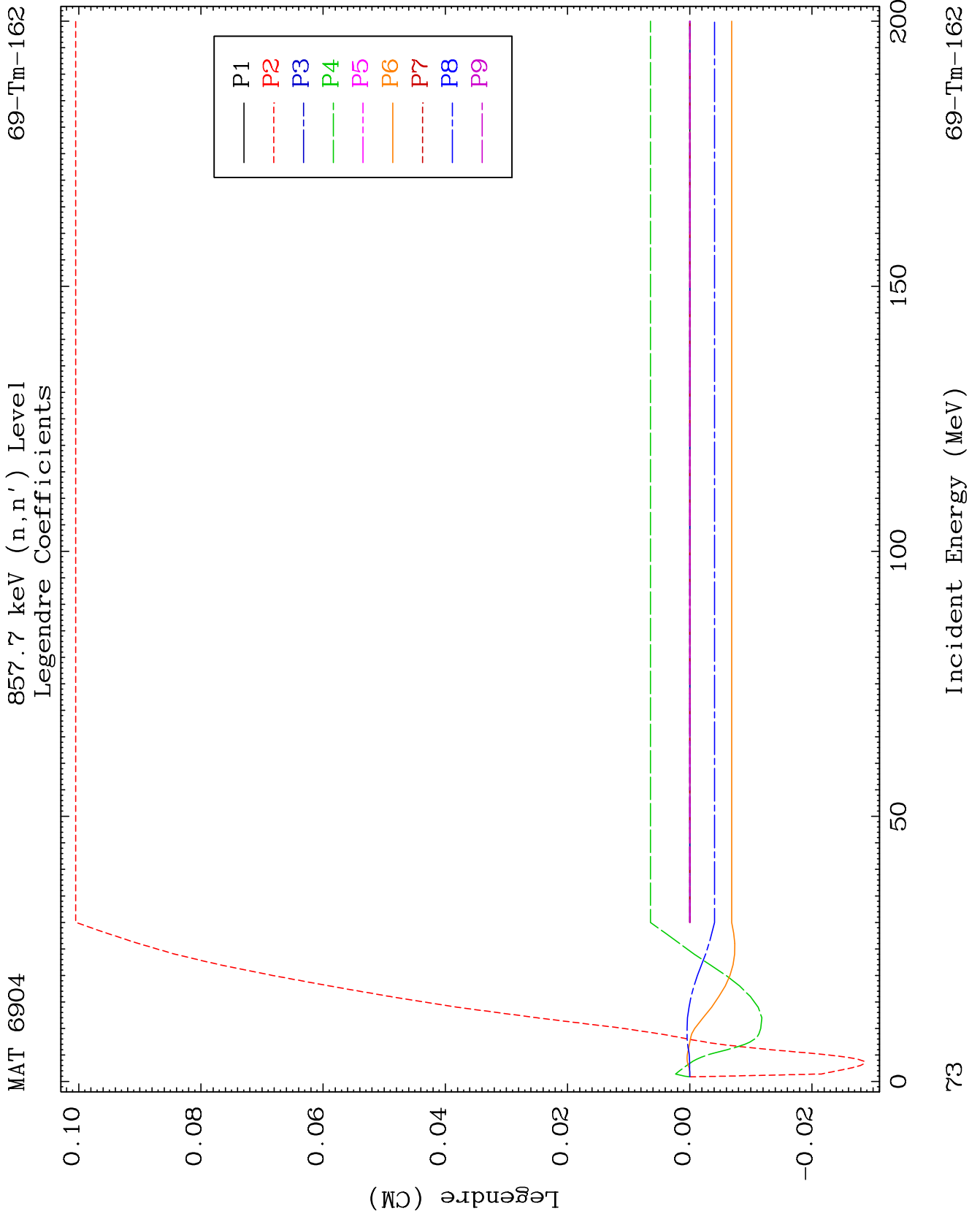








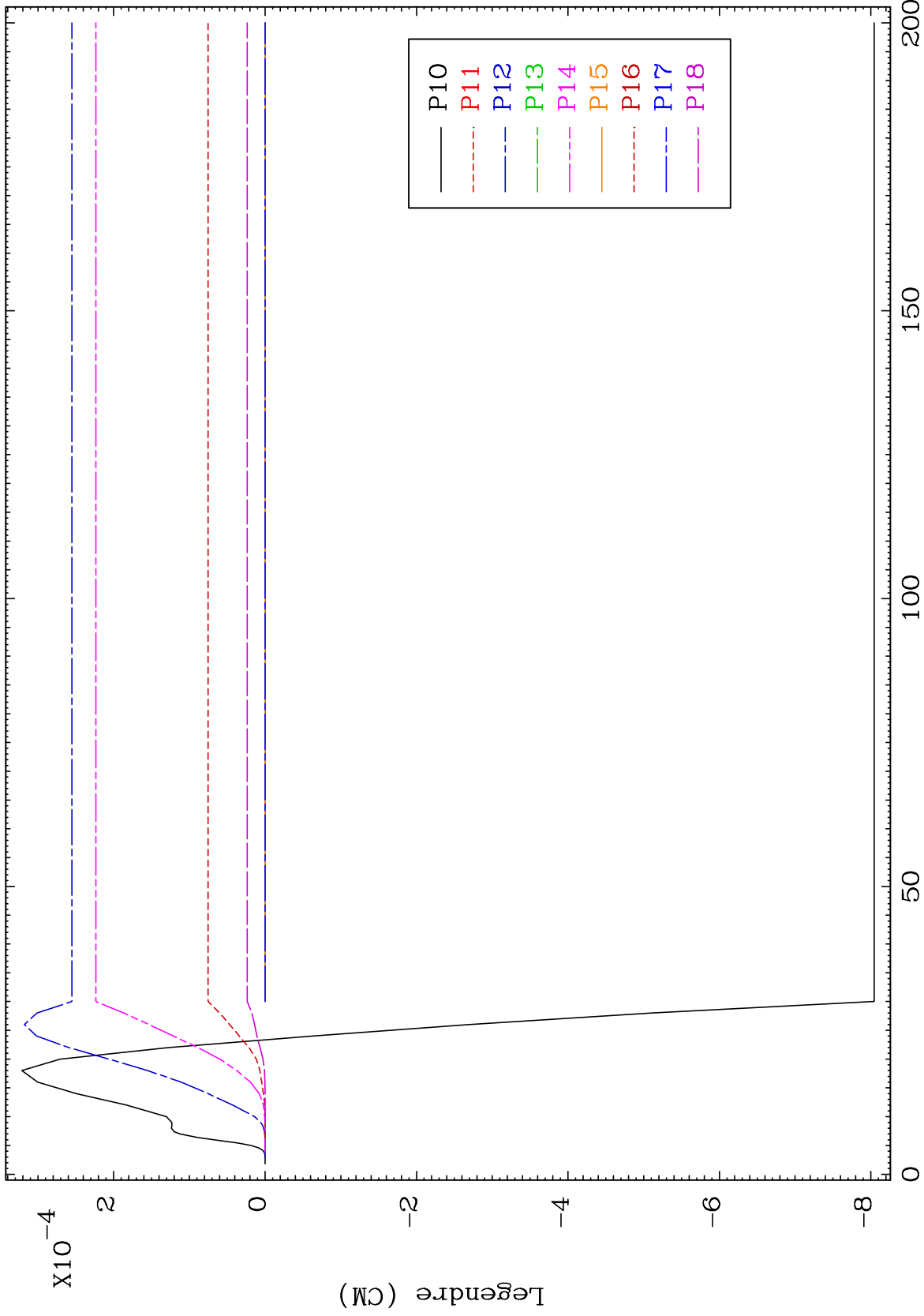




MAT 6904

857.7 keV (n,n') Level  
Legendre Coefficients

69-Tm-162



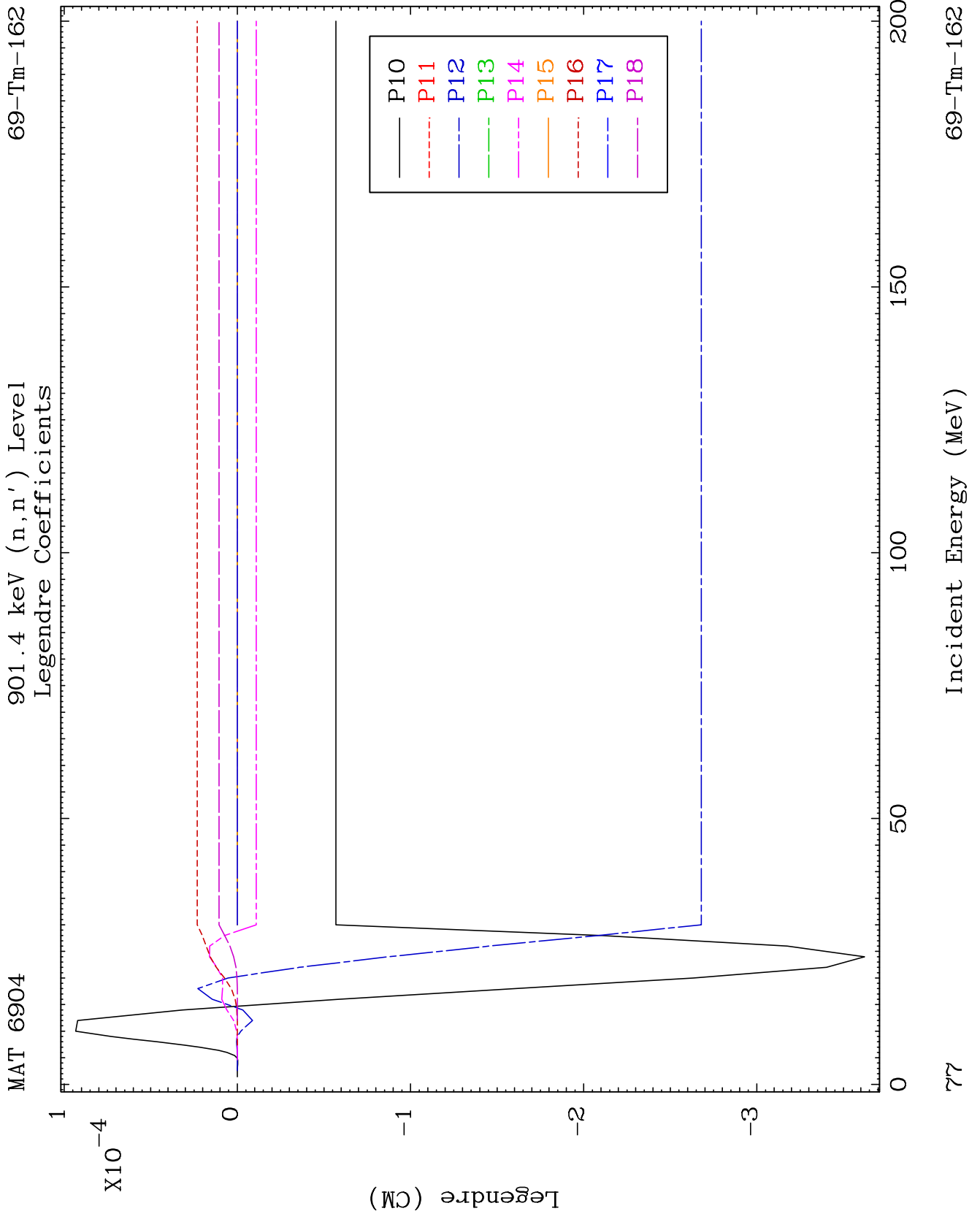
74

Incident Energy (MeV)

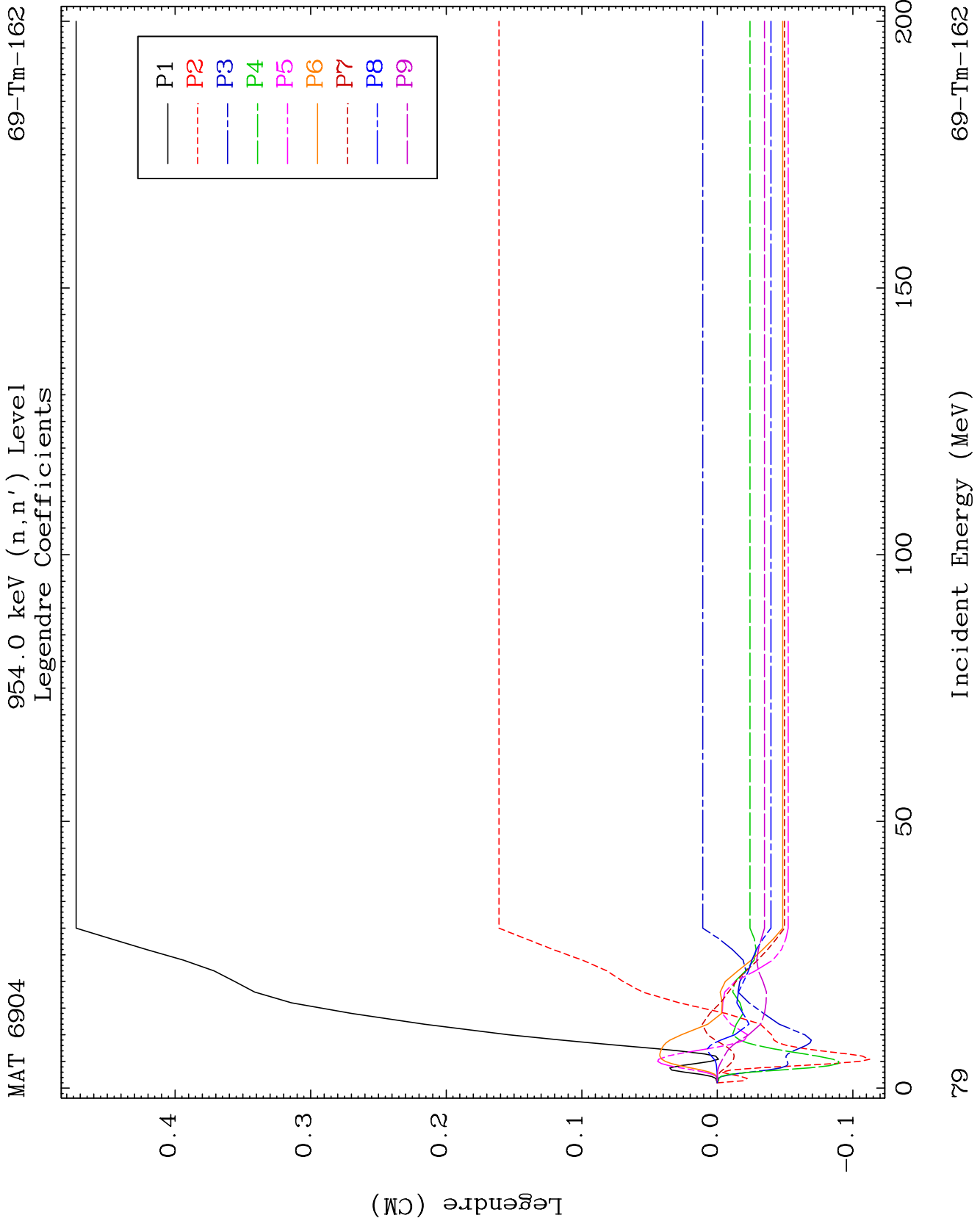
69-Tm-162









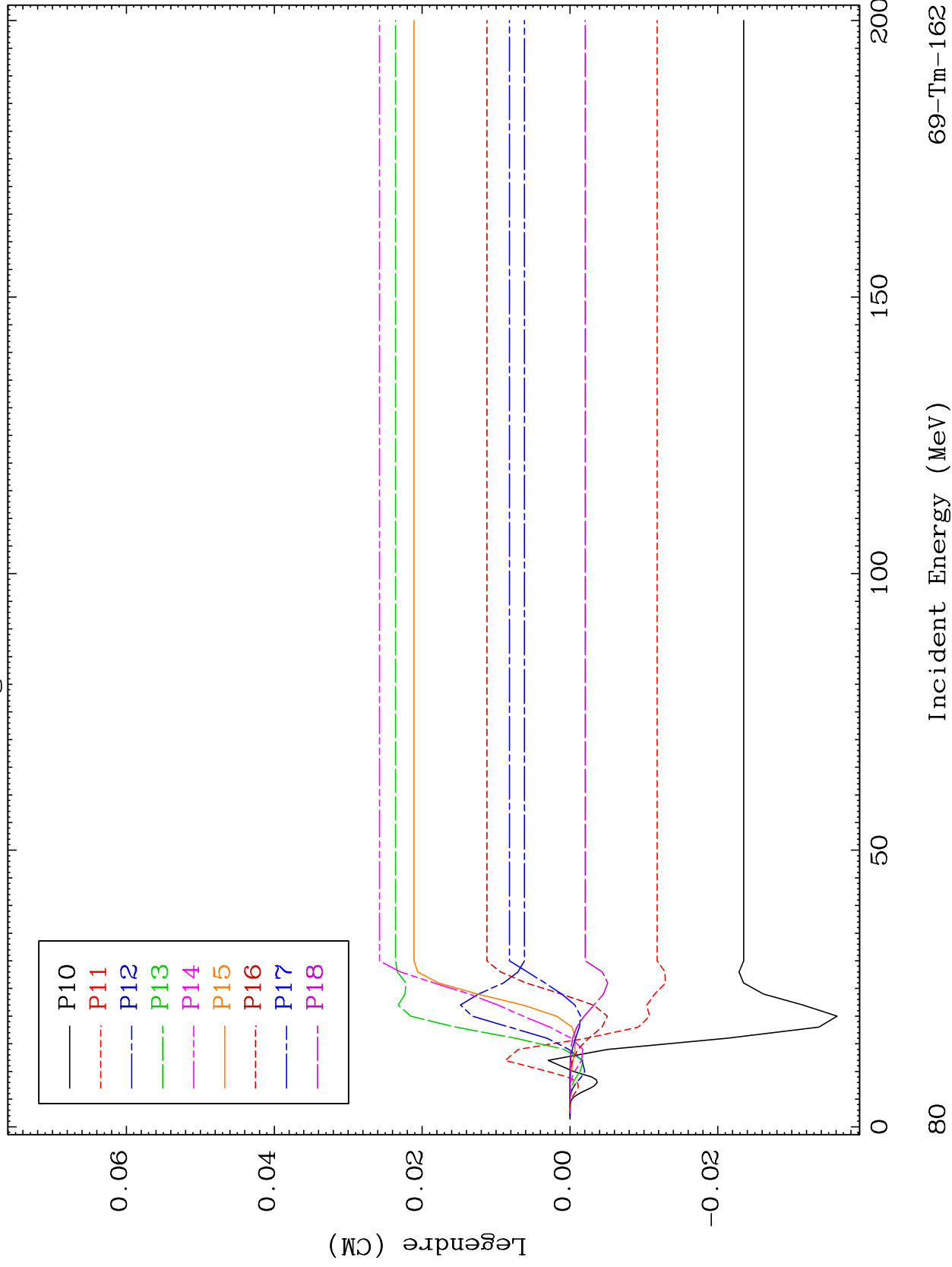




MAT 6904

954.0 keV (n,n') Level  
Legendre Coefficients

69-Tm-162



69-Tm-162

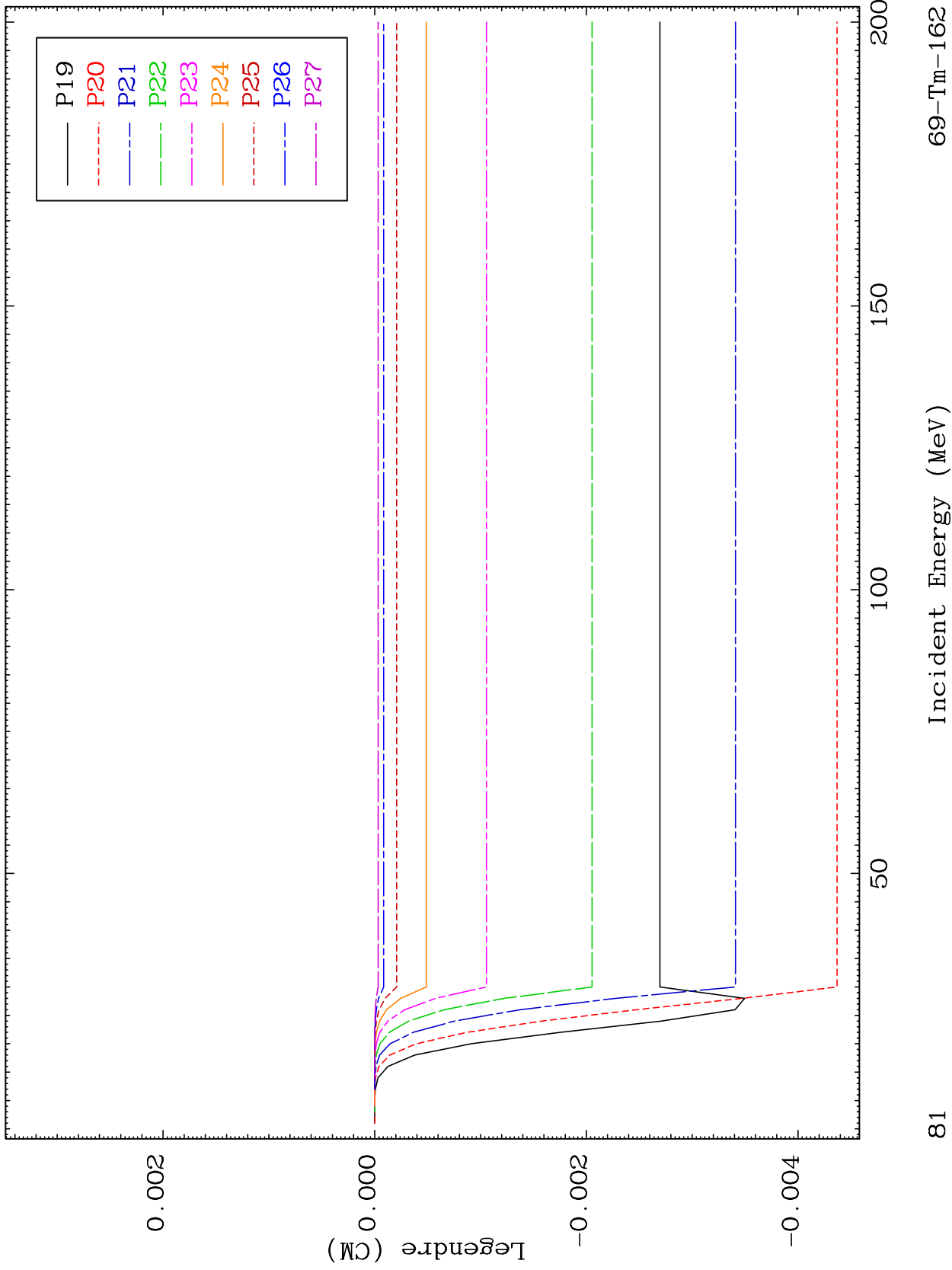
Incident Energy (MeV)

80

MAT 6904

954.0 keV (n,n') Level  
Legendre Coefficients

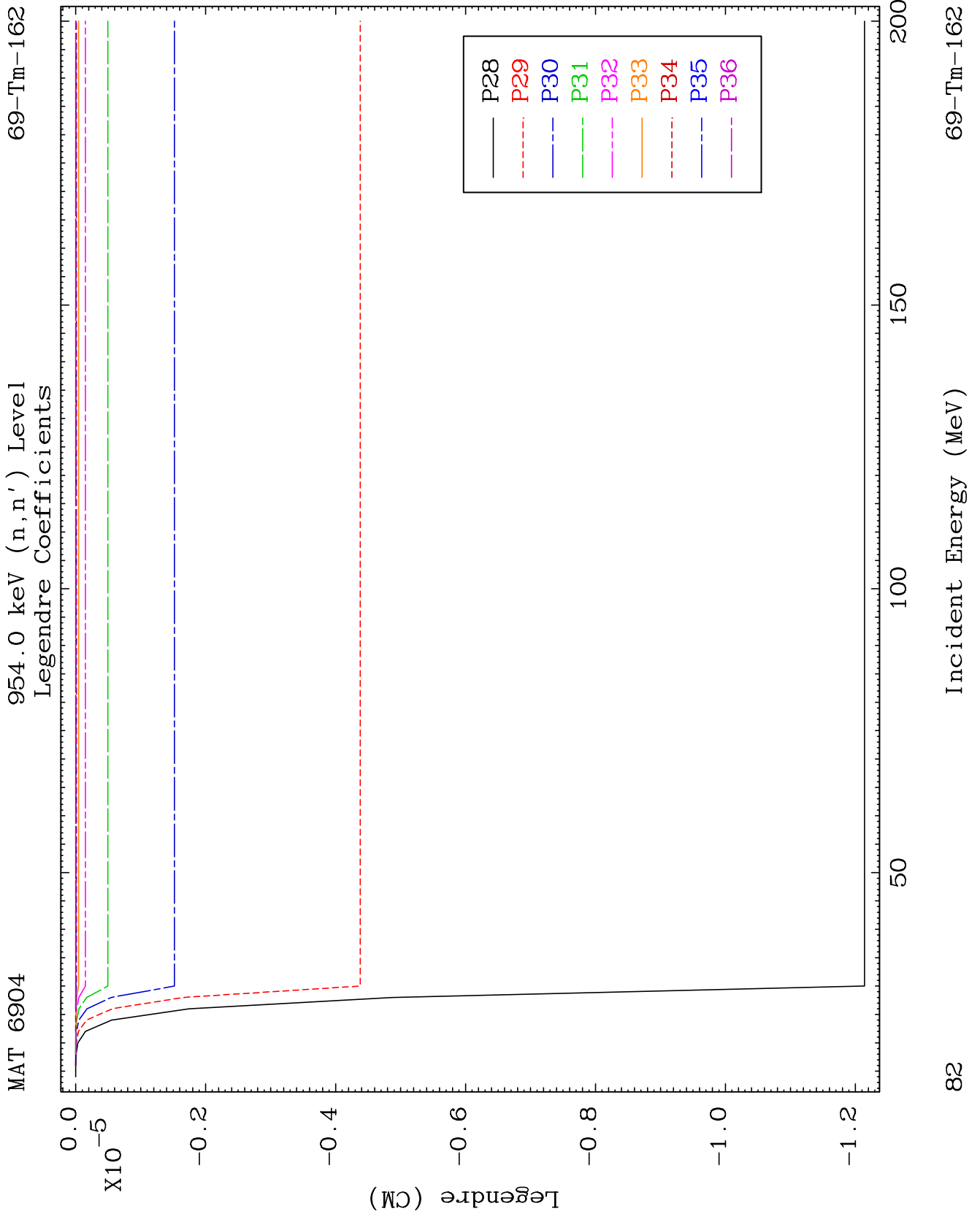
69-Tm-162



81

Incident Energy (MeV)

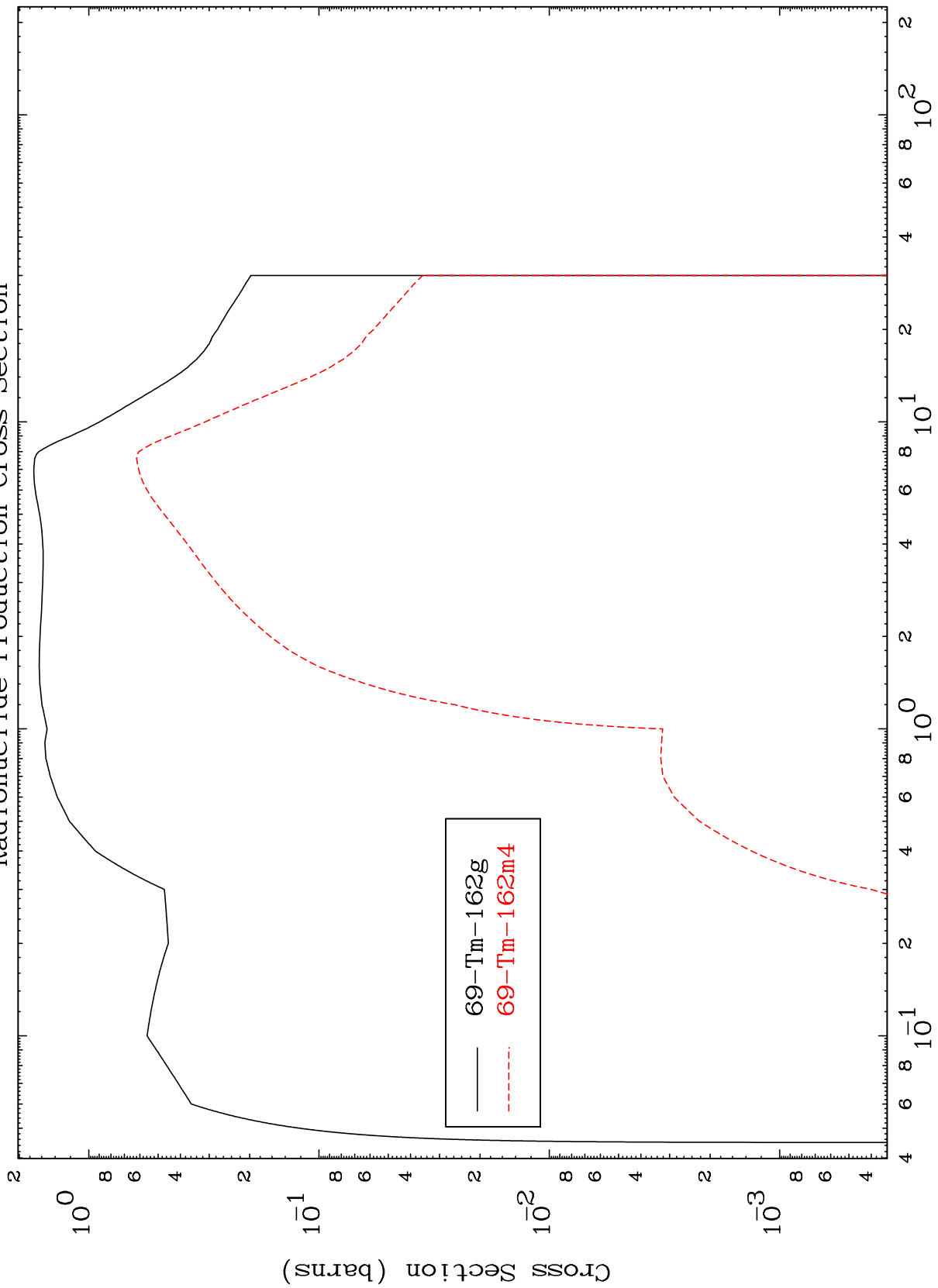
69-Tm-162



MAT 6904

69-Tm-162

Inelastic  
Radionuclide Production Cross Section

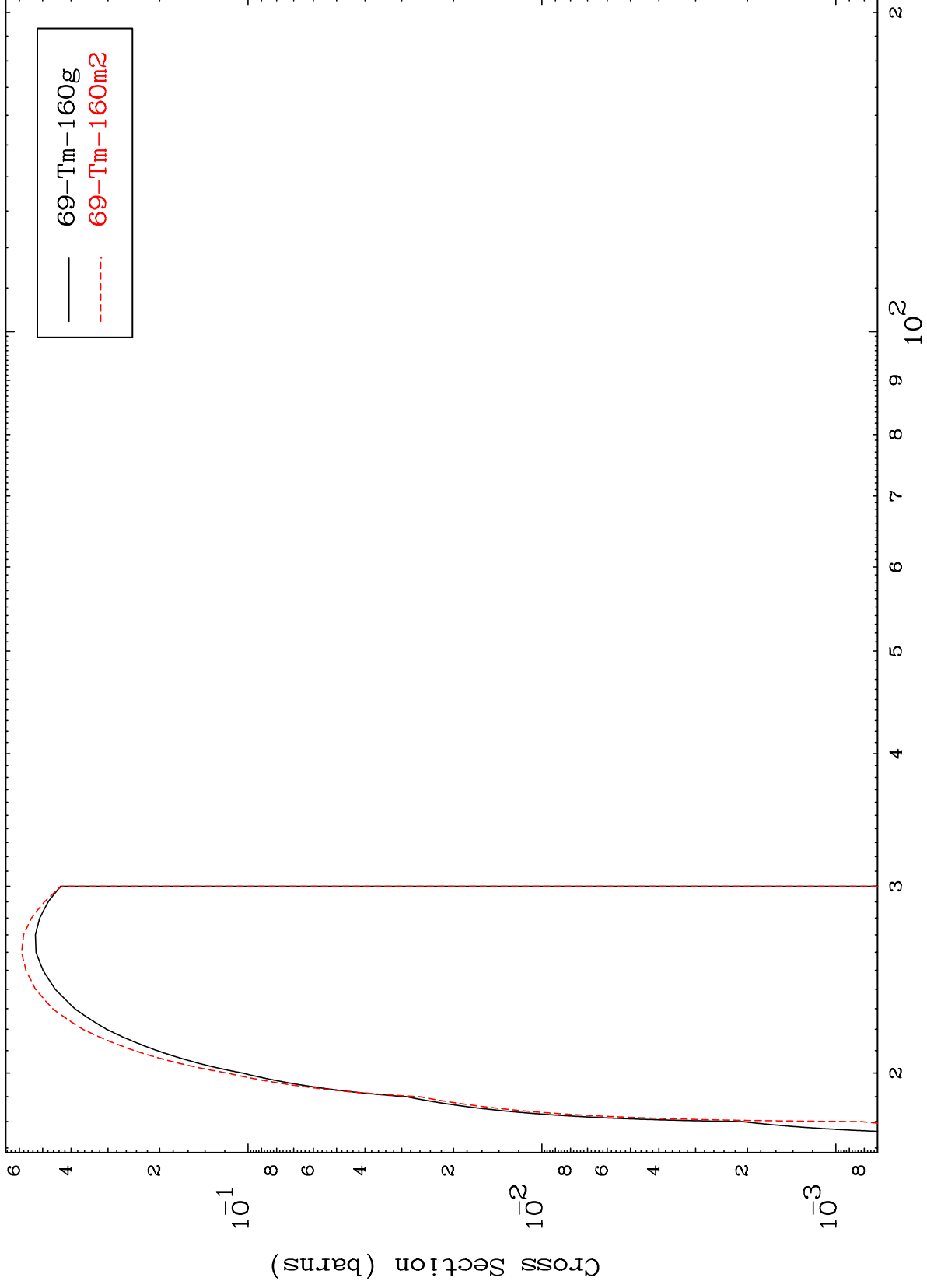


MAT 6904

(n,3n)

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Radionuclide Production Cross Section



84

Incident Energy (MeV)

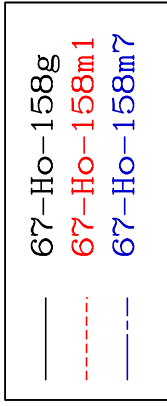
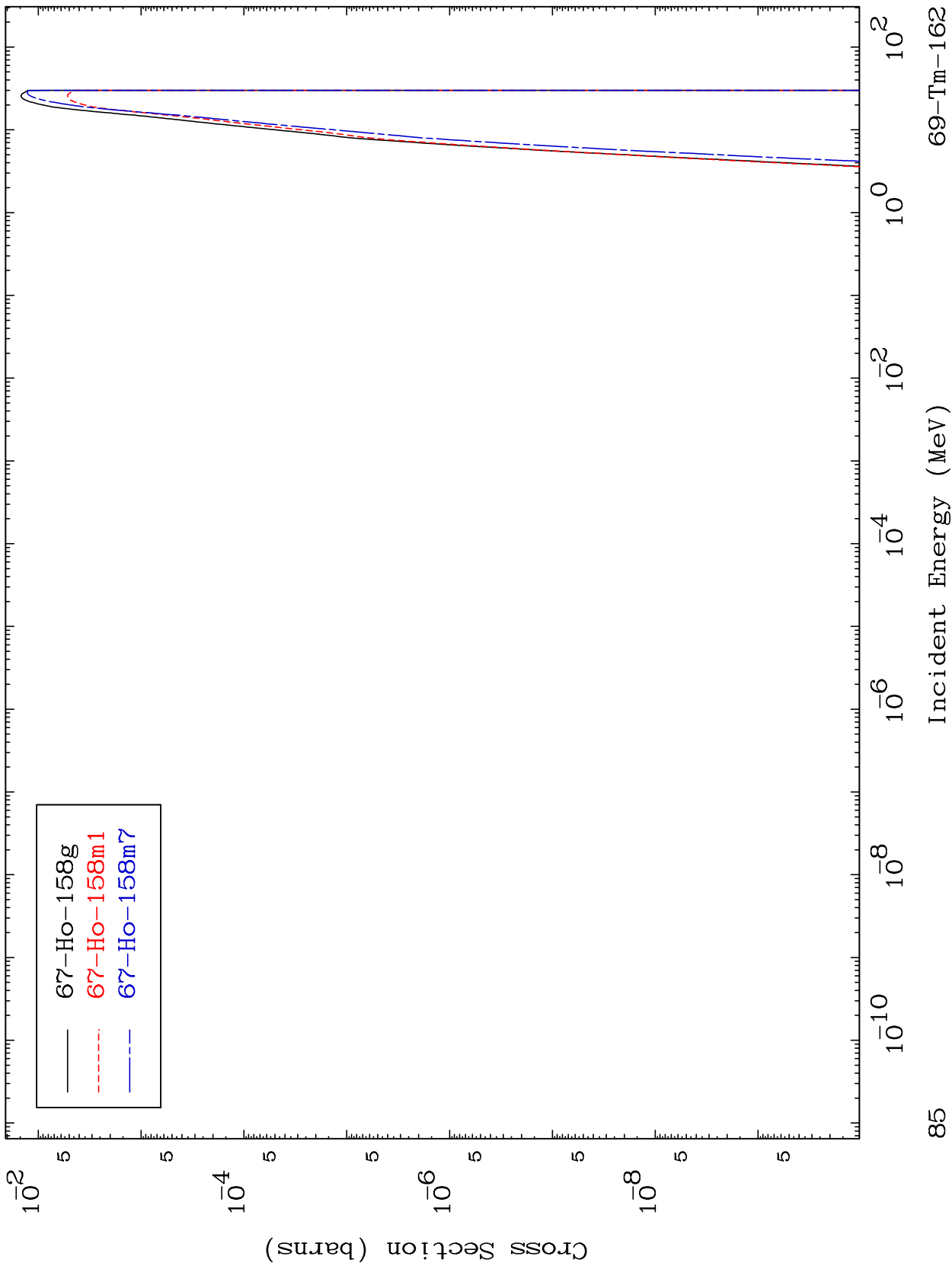
69-Tm-162

MAT 6904

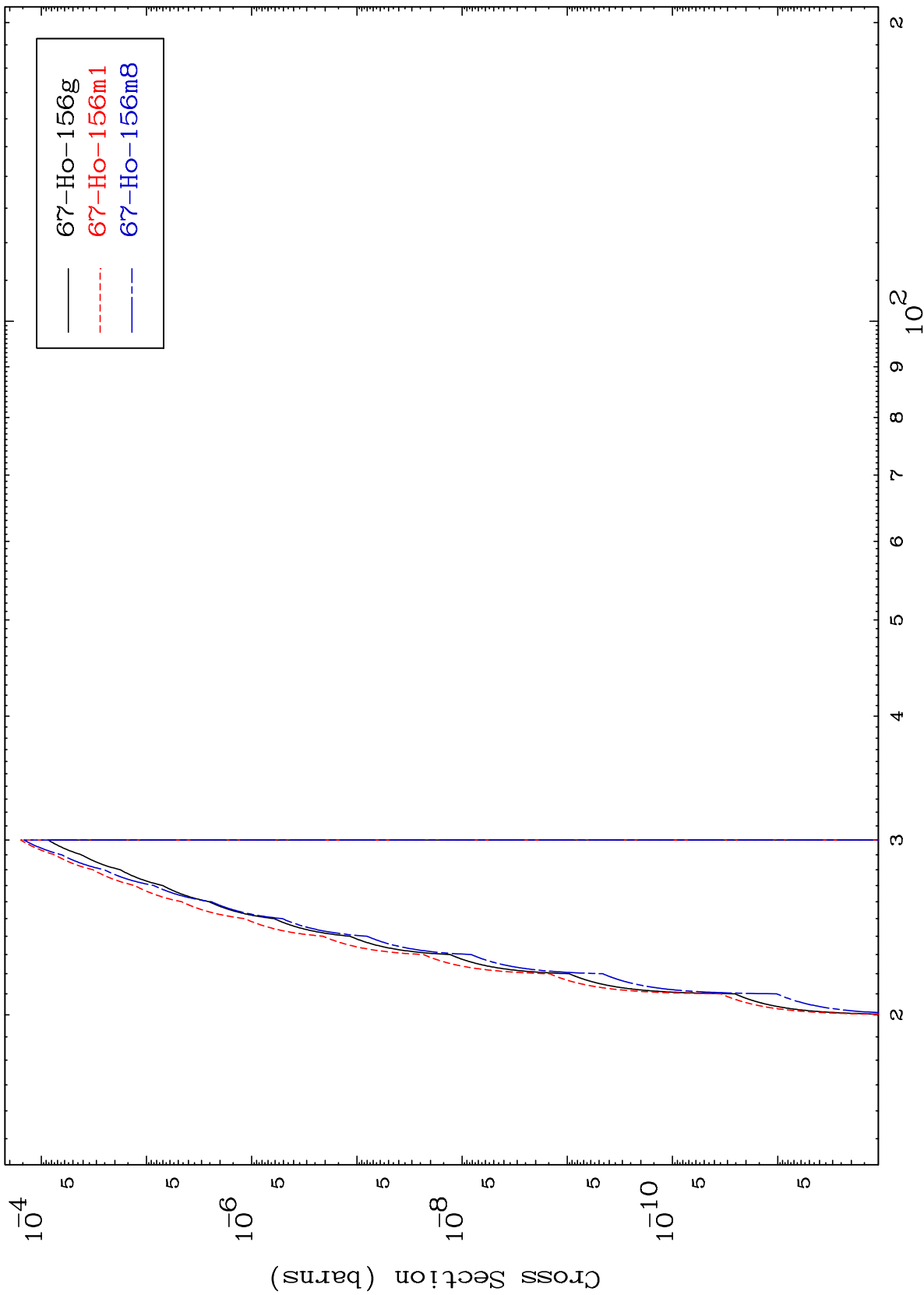
$(n, n') \alpha$

69-Tm-162

Radionuclide Production Cross Section



Radionuclide Production Cross Section

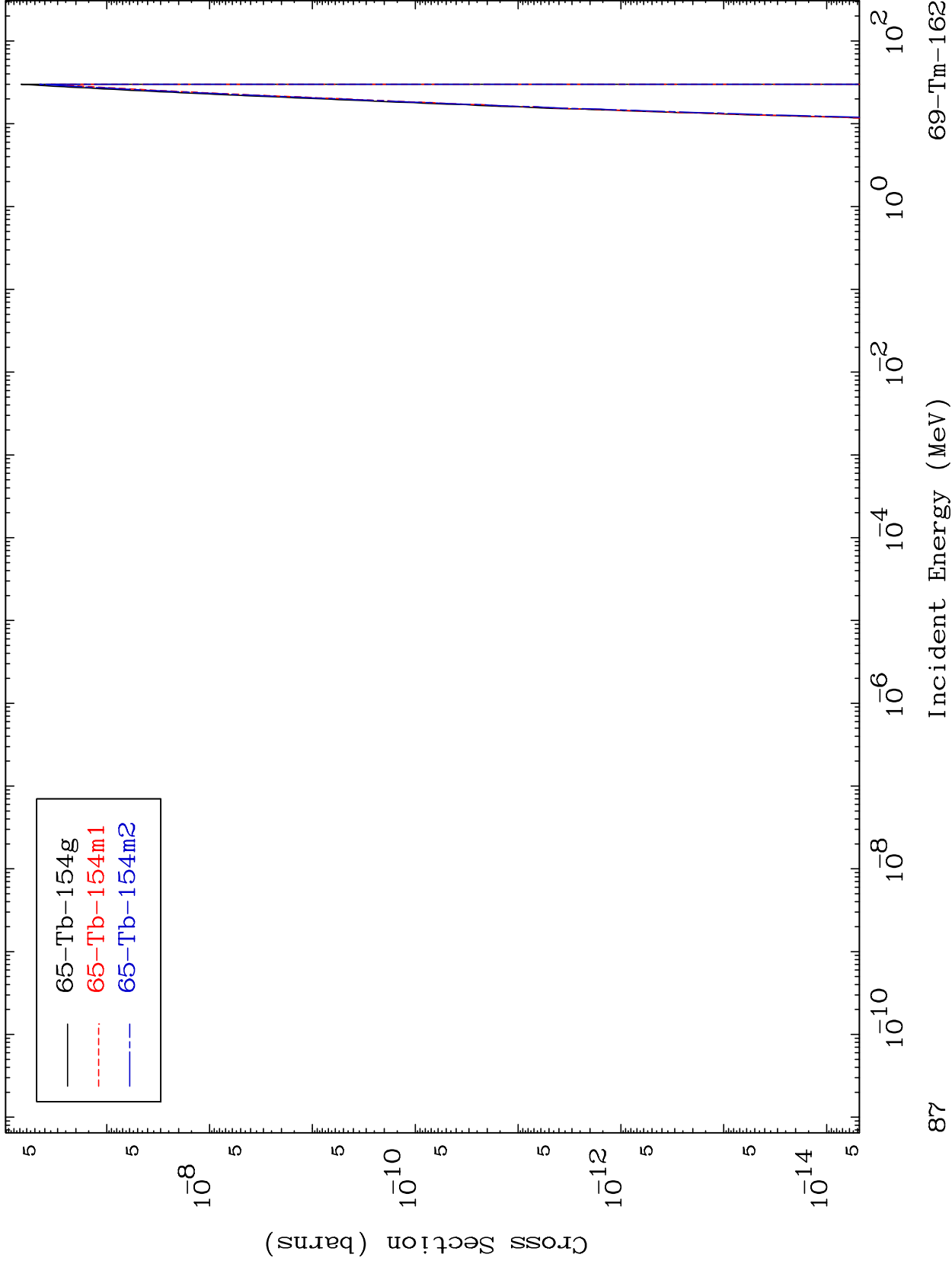


MAT 6904

(n,n') 2 $\alpha$

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Radionuclide Production Cross Section



87

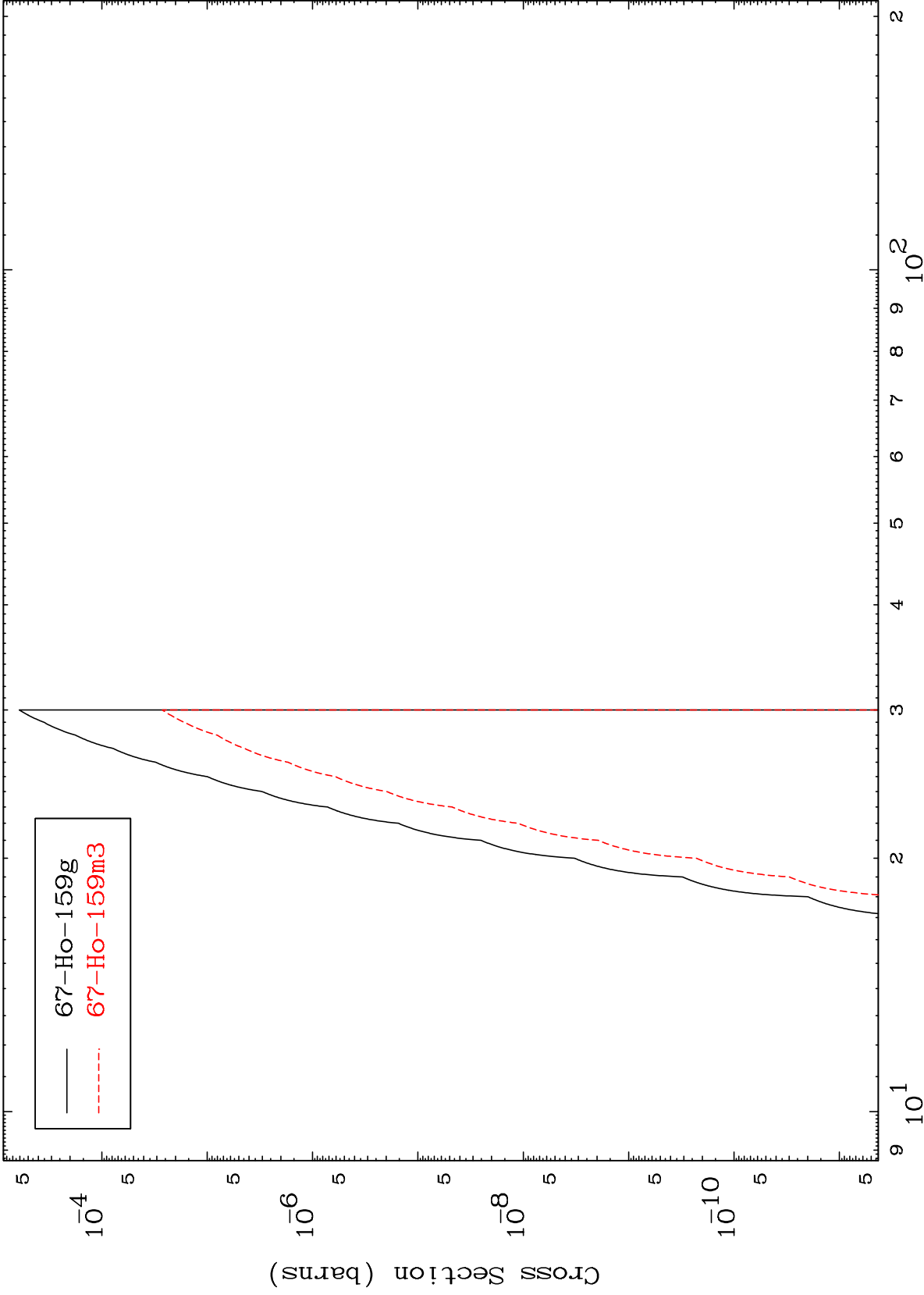


MAT 6904

(n,n') He-3

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Radionuclide Production Cross Section



88

Incident Energy (MeV)

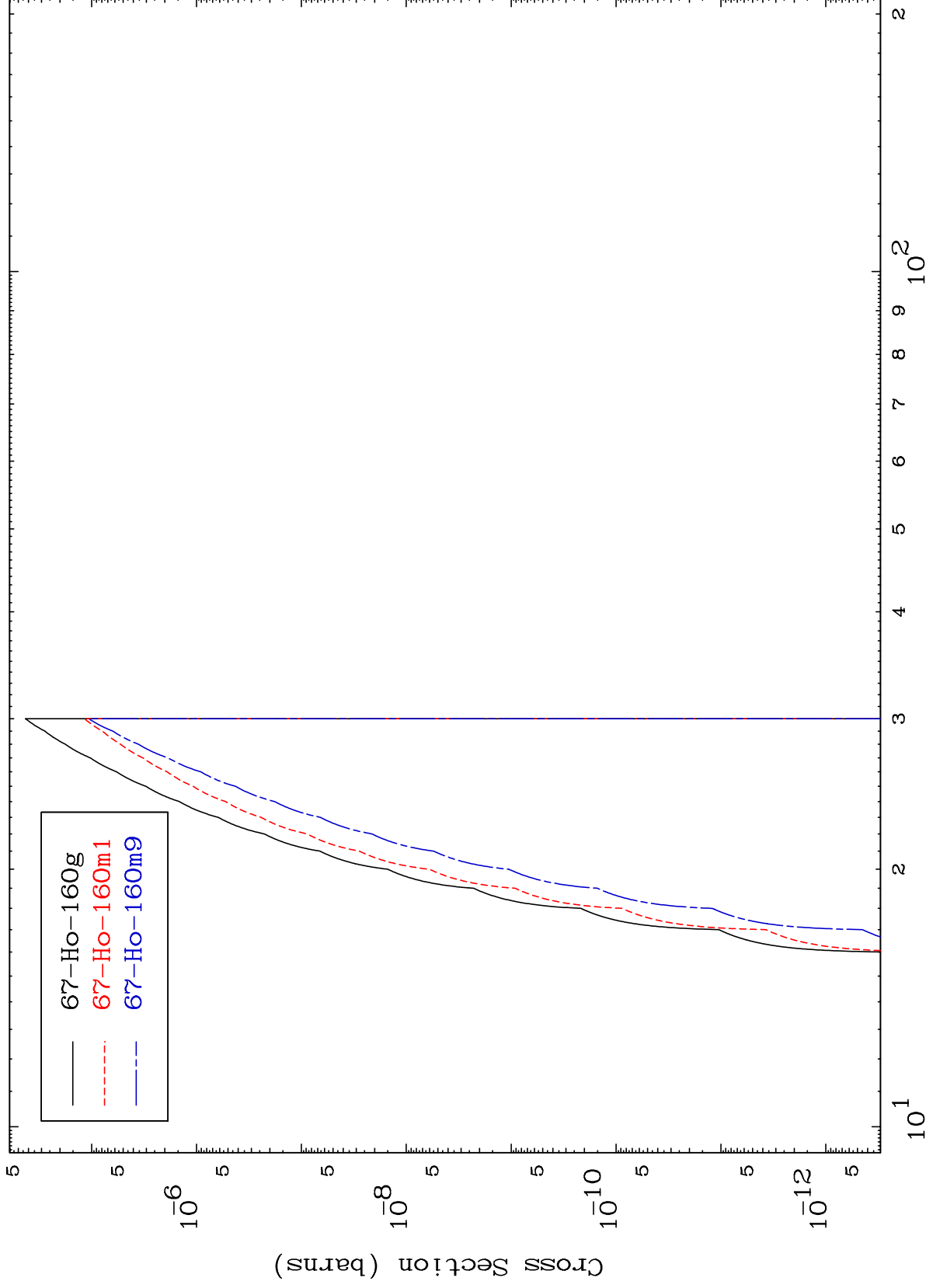
69-Tm-162

MAT 6904

(n,2n) p

69-Tm-162

Radionuclide Production Cross Section



89

Incident Energy (MeV)

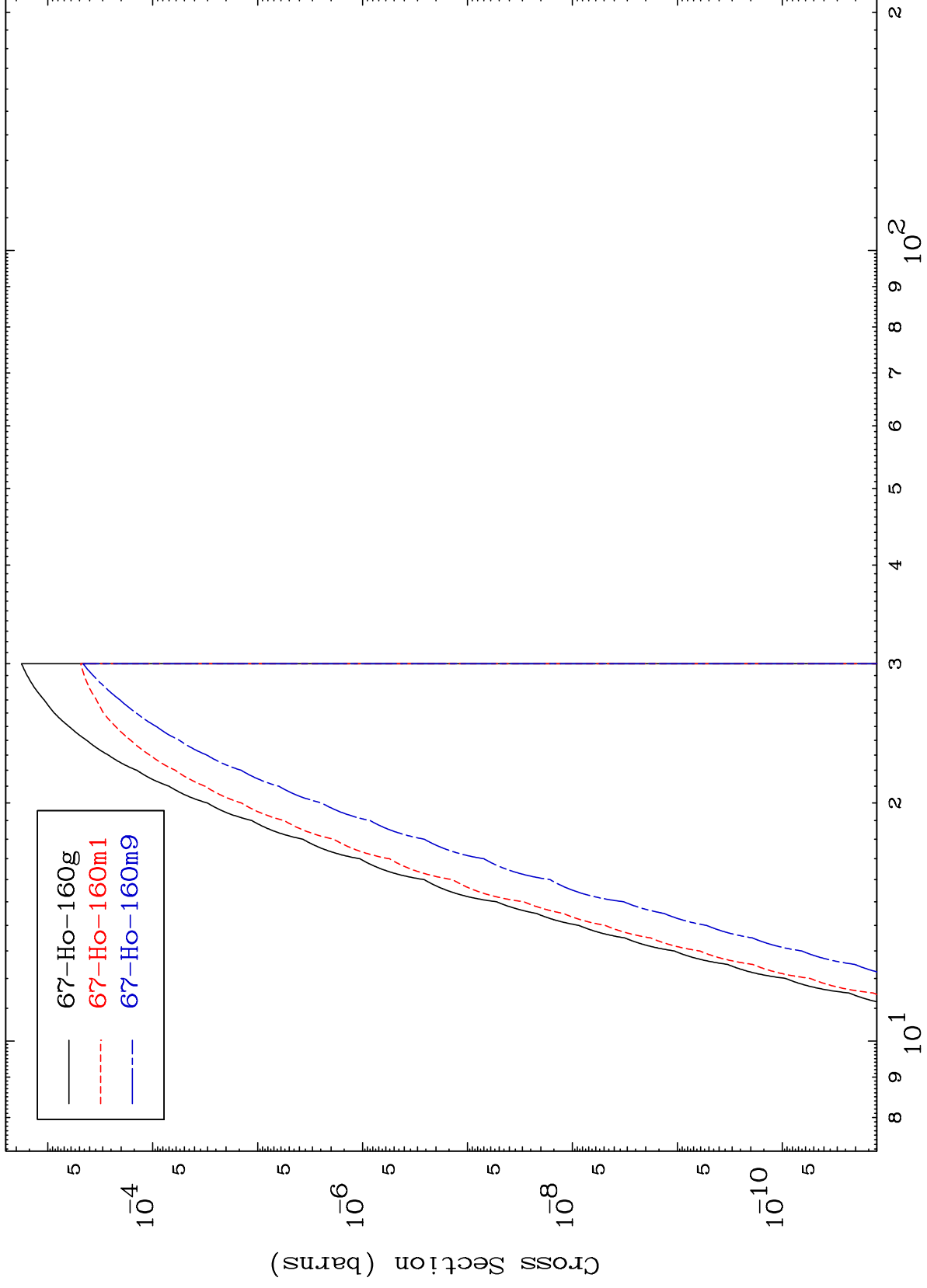
69-Tm-162

MAT 6904

(n,He-3)

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Radionuclide Production Cross Section



90

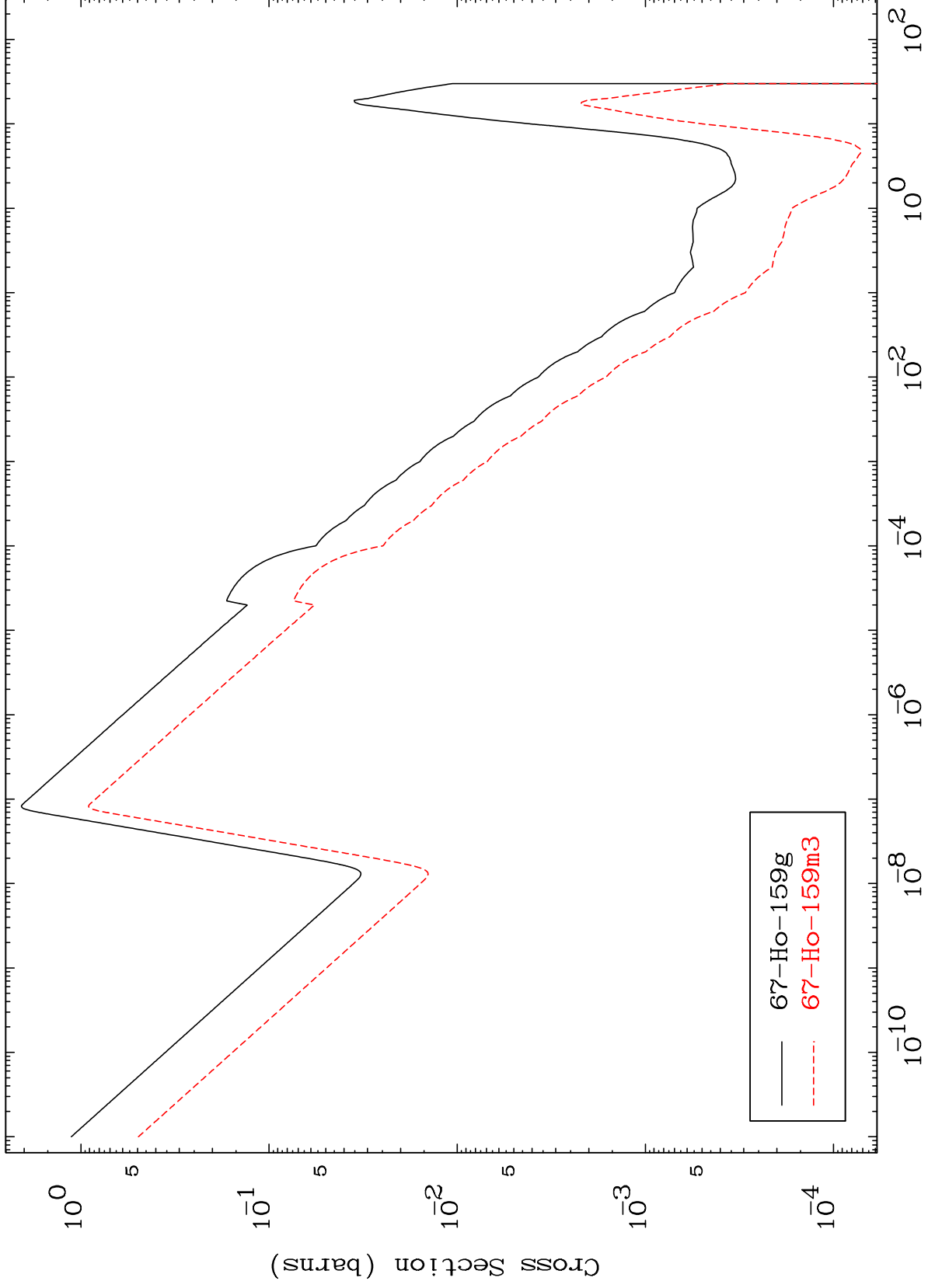
Incident Energy (MeV)

69-Tm-162

MAT 6904

69-Tm-162

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



91

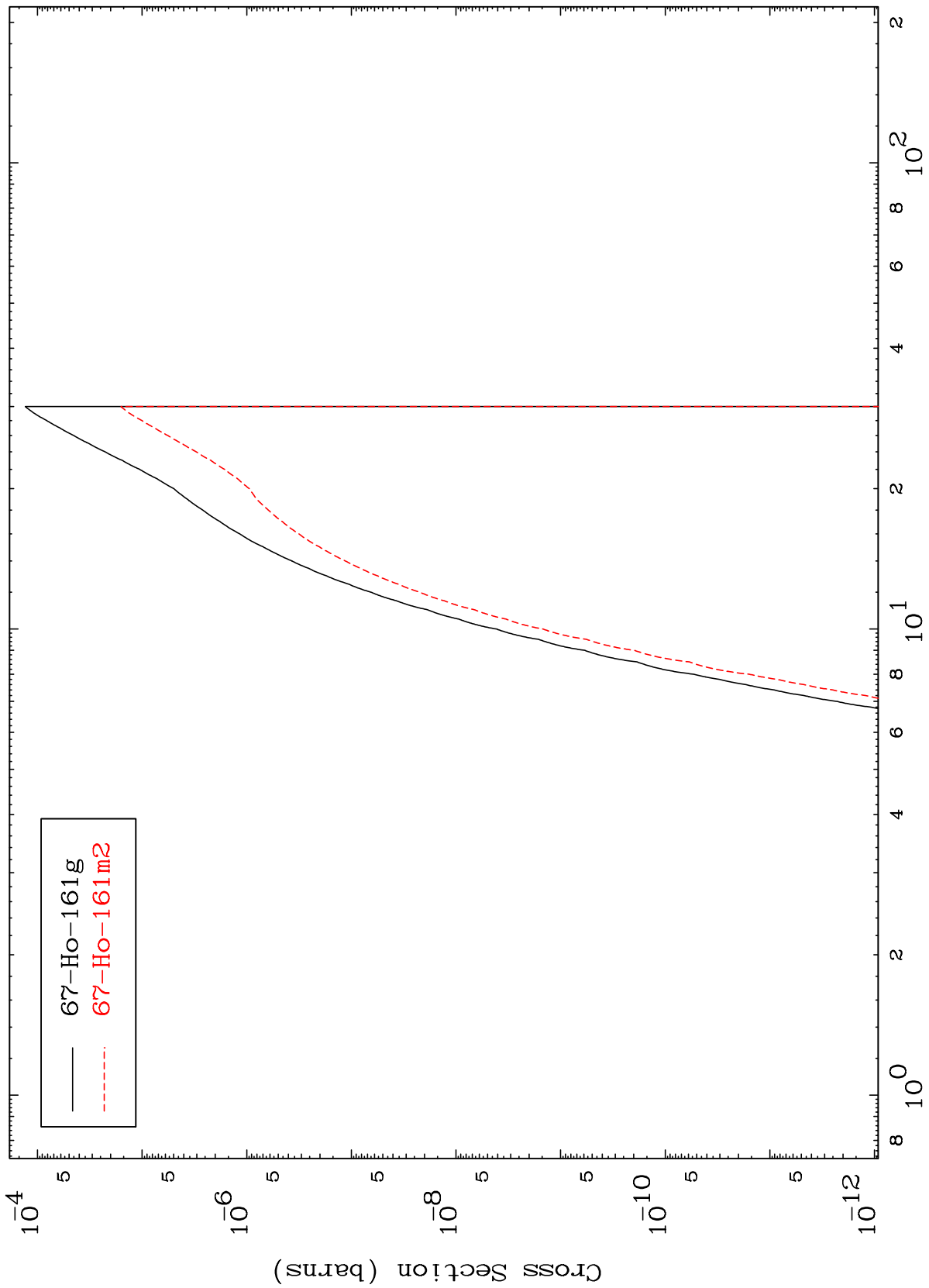
69-Tm-162

Incident Energy (MeV)

MAT 6904

69-Tm-162

(n,2p)  
Radionuclide Production Cross Section



— 67-Ho-161g  
- - - 67-Ho-161m2

92

Incident Energy (MeV)

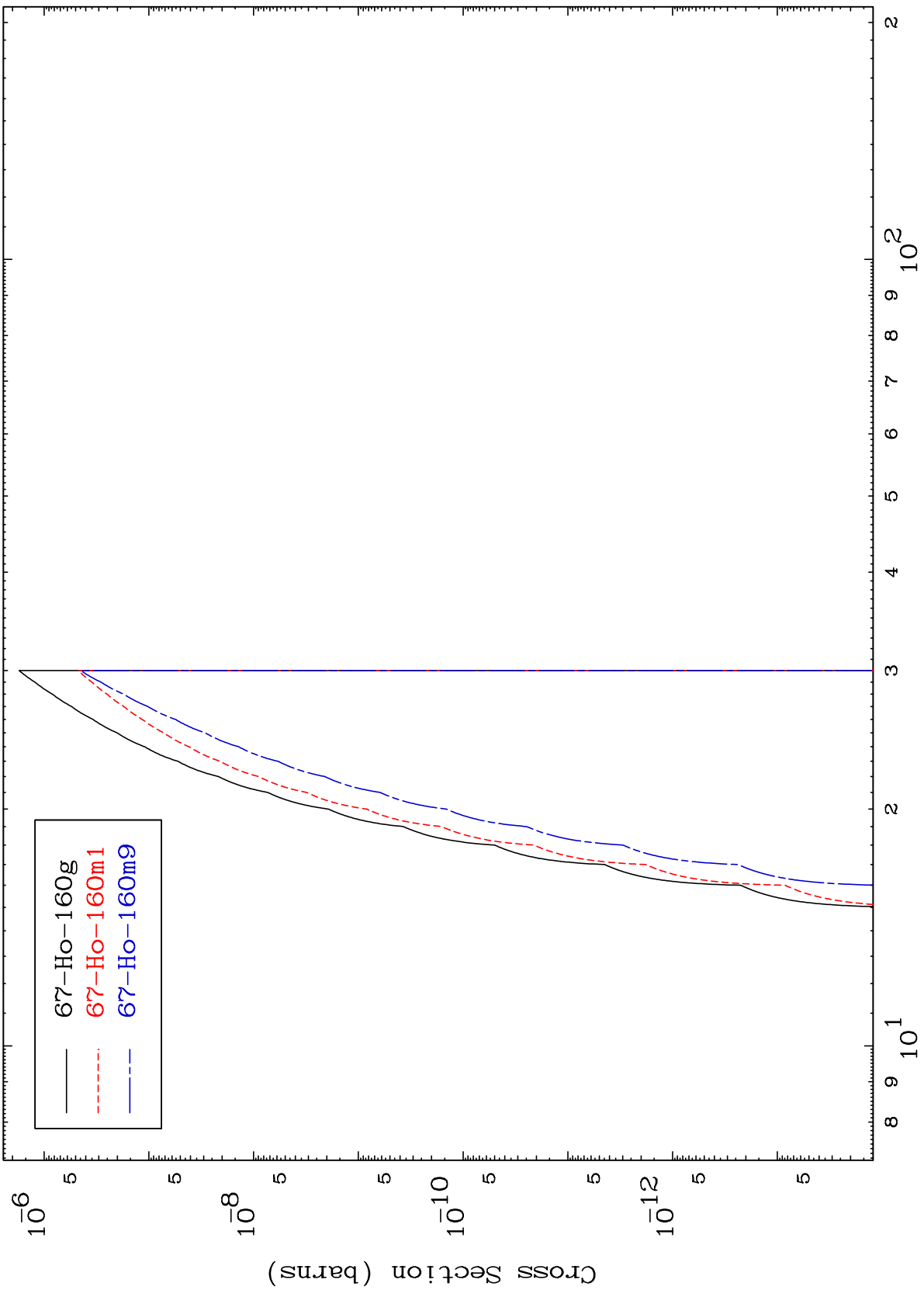
69-Tm-162

MAT 6904

(n,p) d

69-Tm-162

Radionuclide Production Cross Section



67-Ho-160g  
67-Ho-160m1  
67-Ho-160m9

93

Incident Energy (MeV)

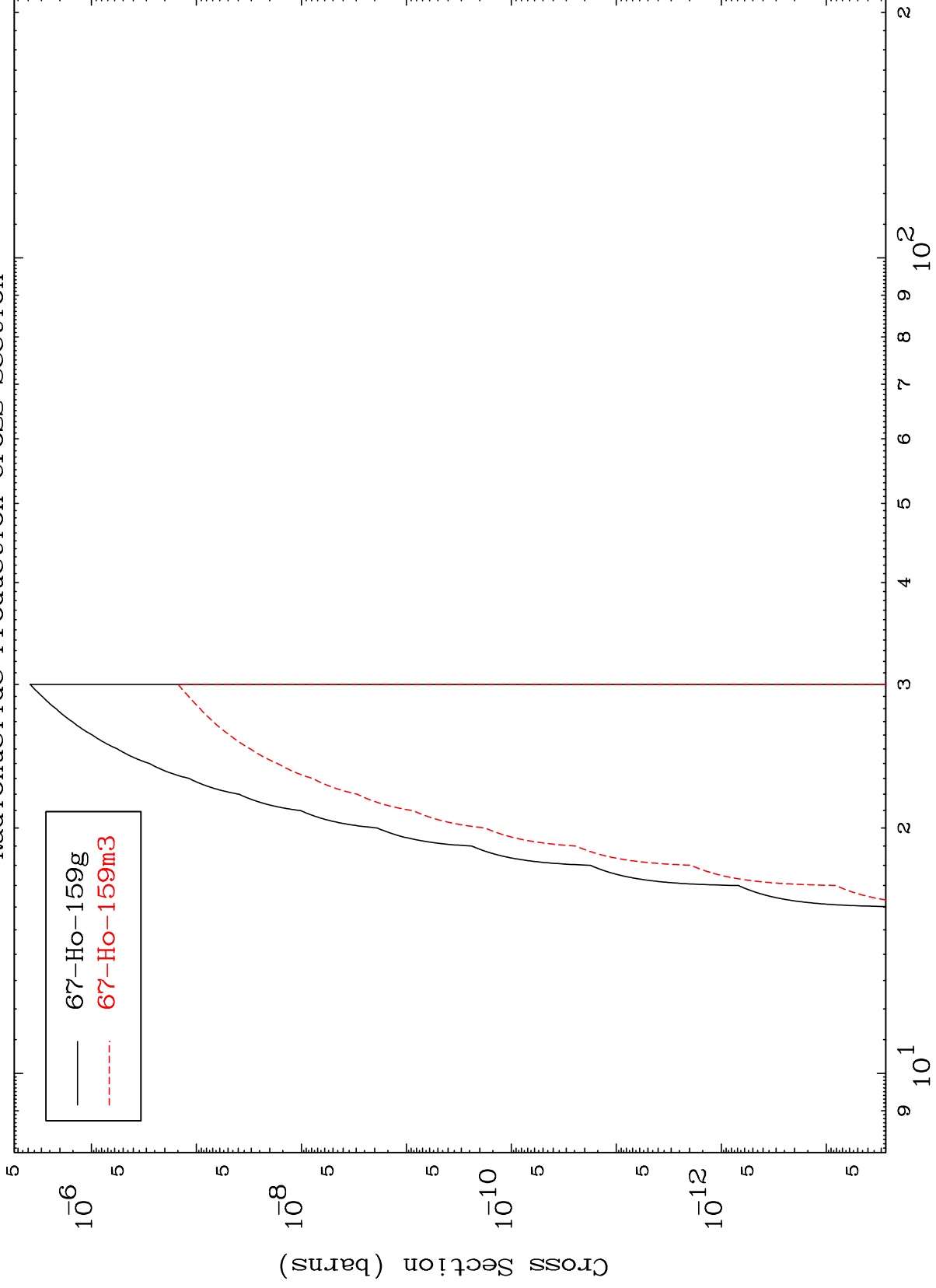
69-Tm-162

MAT 6904

(n,p) t

69-Tm-162

Radionuclide Production Cross Section



94

Incident Energy (MeV)

69-Tm-162