

Program EVALPLOT
(Version 2015-2)

by

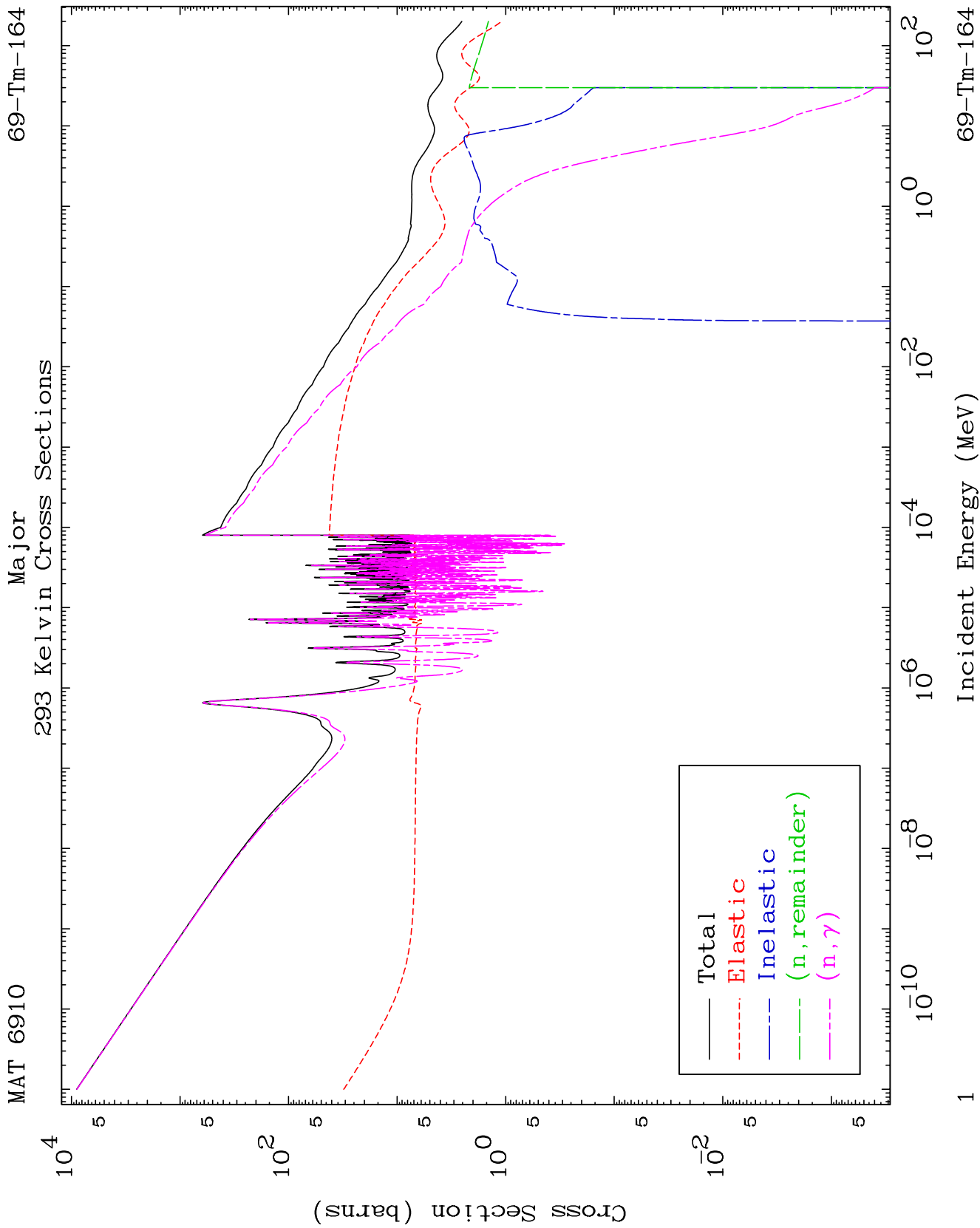
Dermott E. Cullen
(Present Contact Information)

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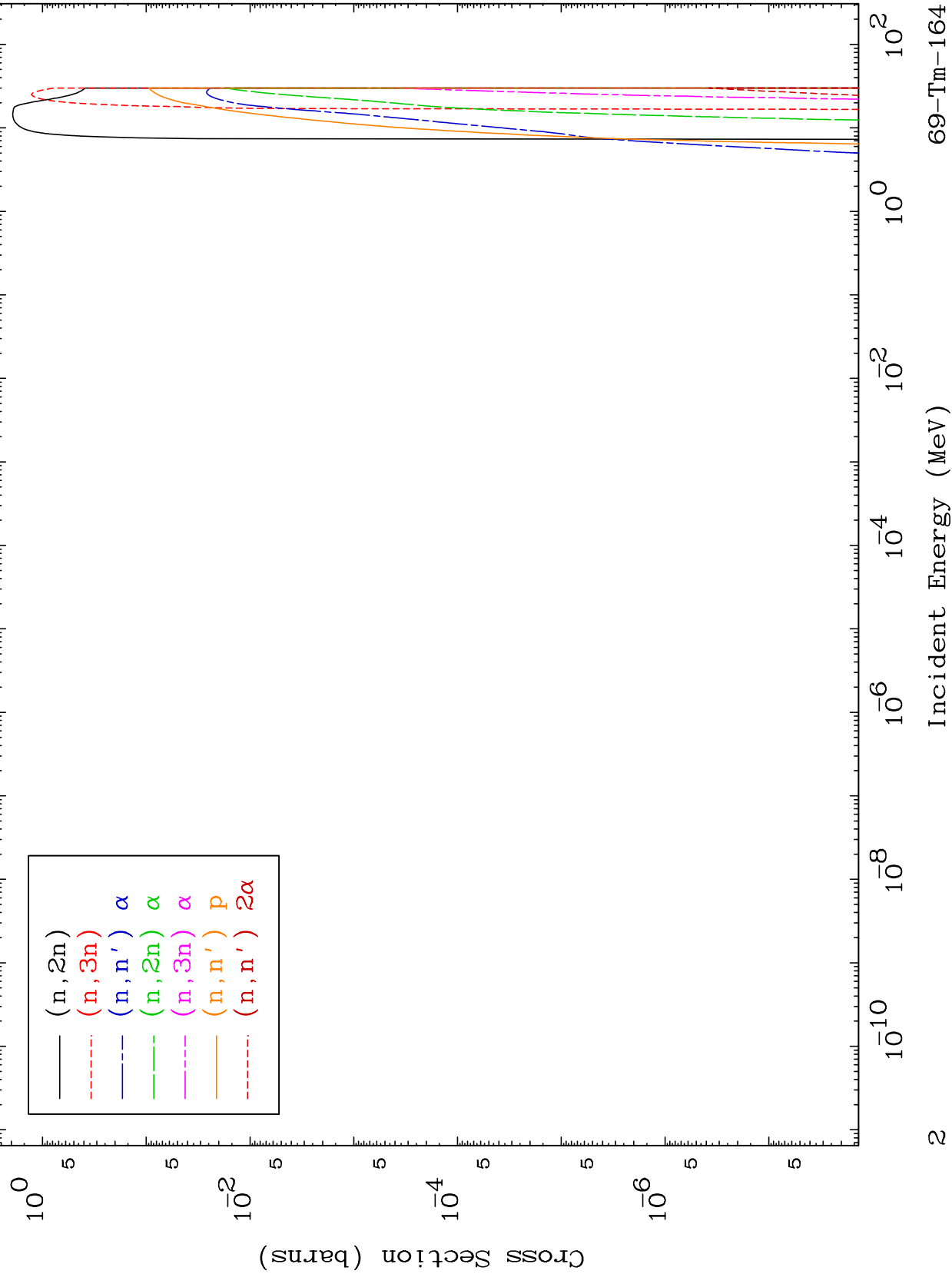
Press Mouse Button to Start

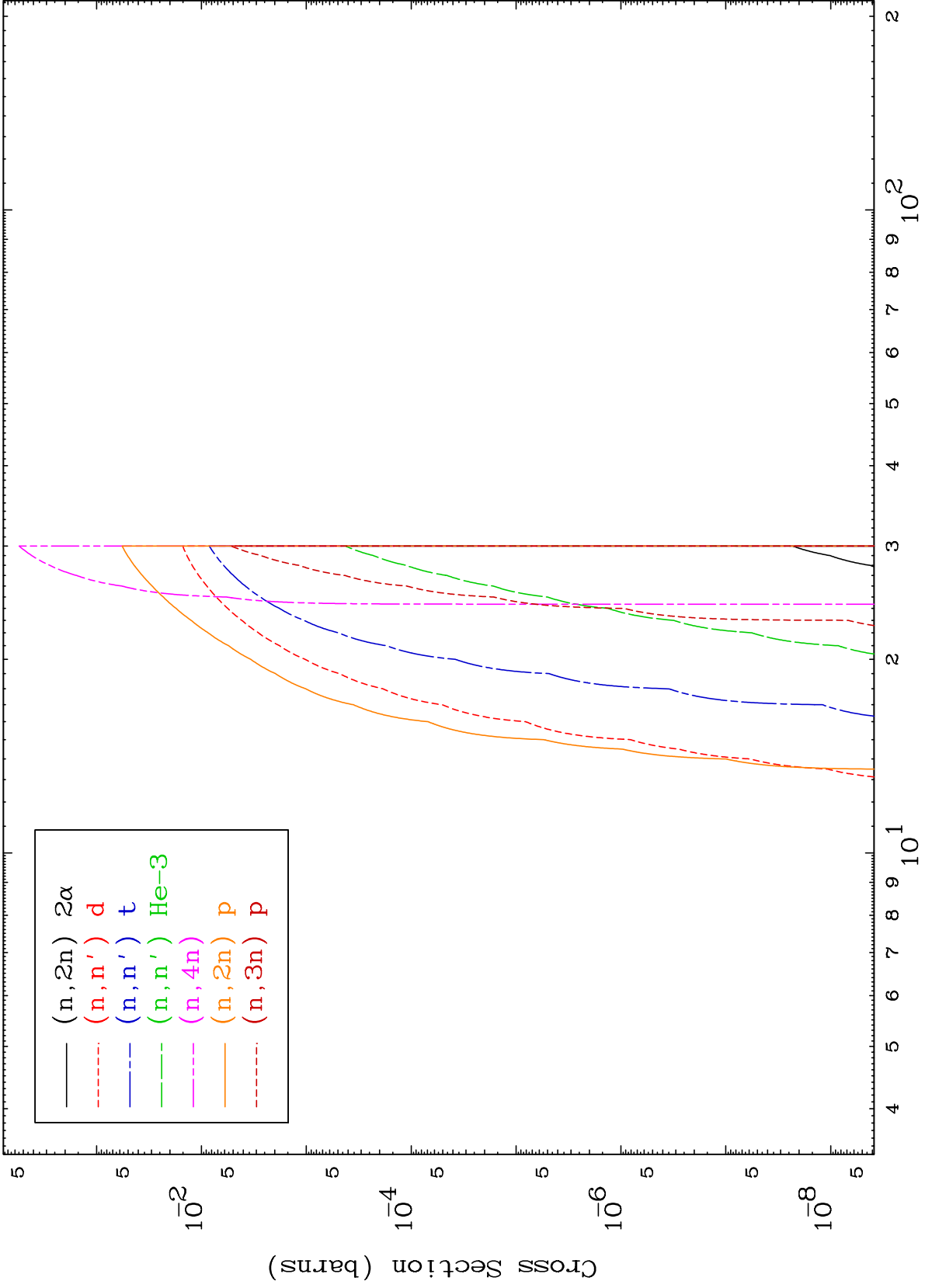


MAT 6910

Neutron Production
293 Kelvin Cross Sections

69-Tm-164

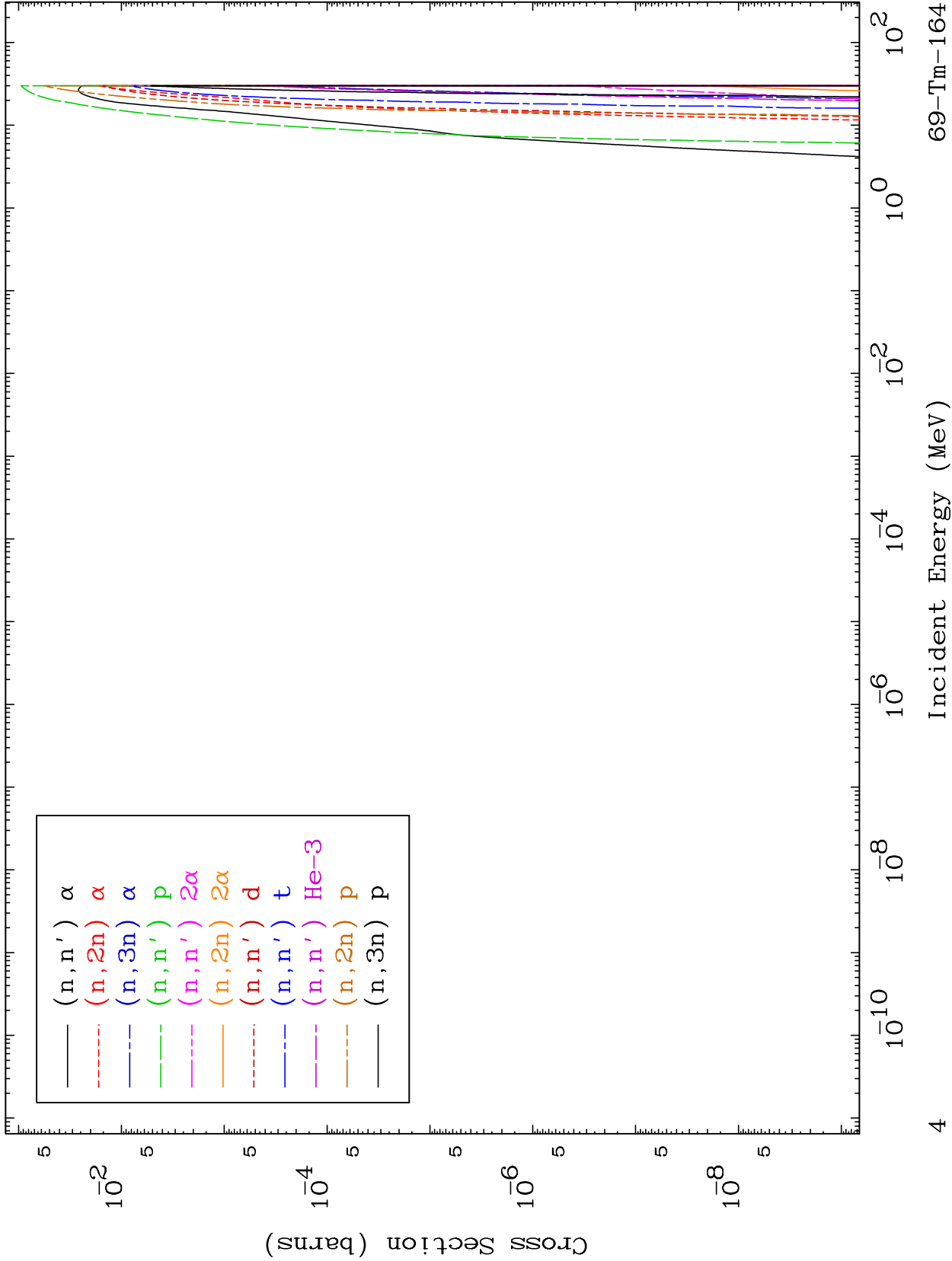




MAT 6910

Charged Particle
293 Kelvin Cross Sections

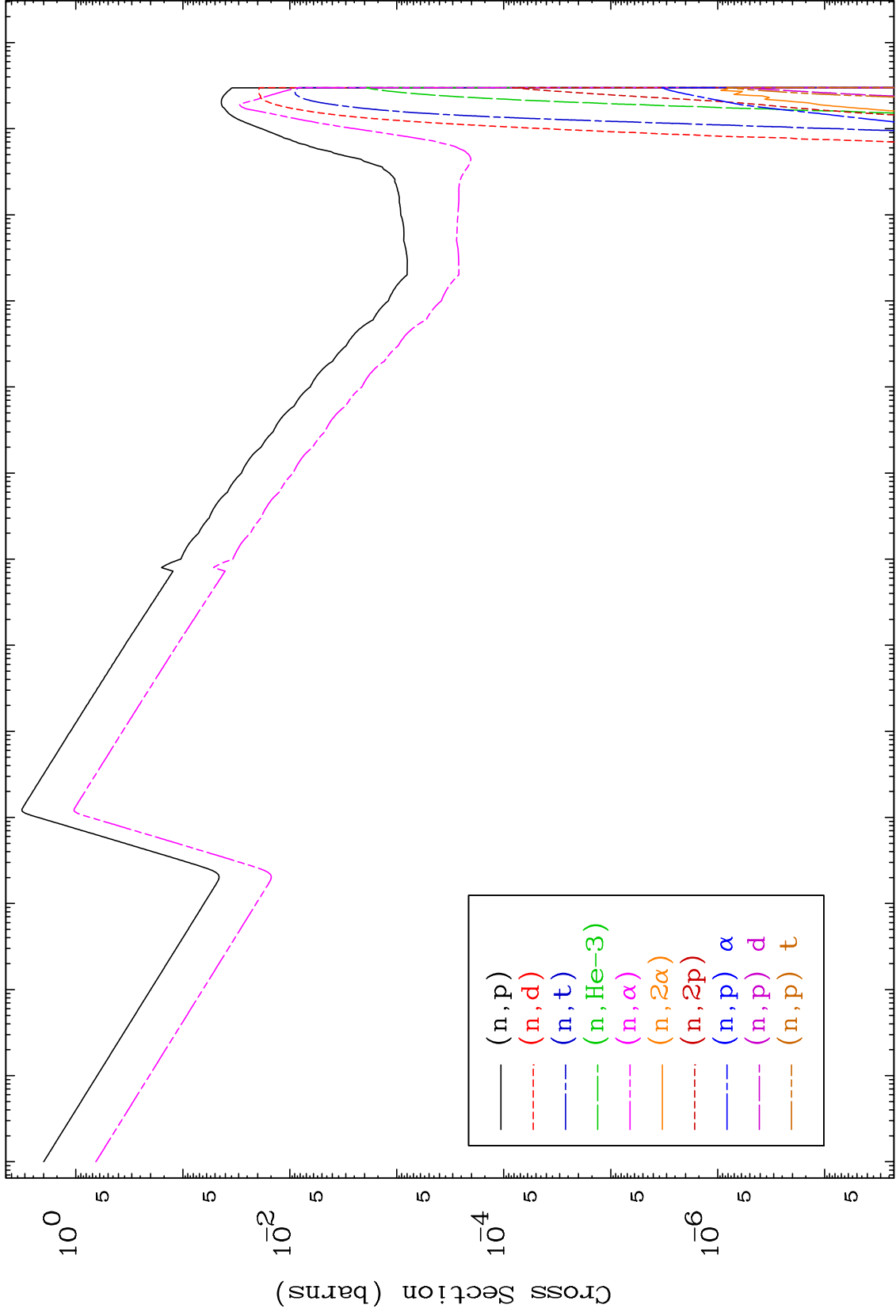
69-Tm-164



MAT 6910

Charged Particle
293 Kelvin Cross Sections

69-Tm-164



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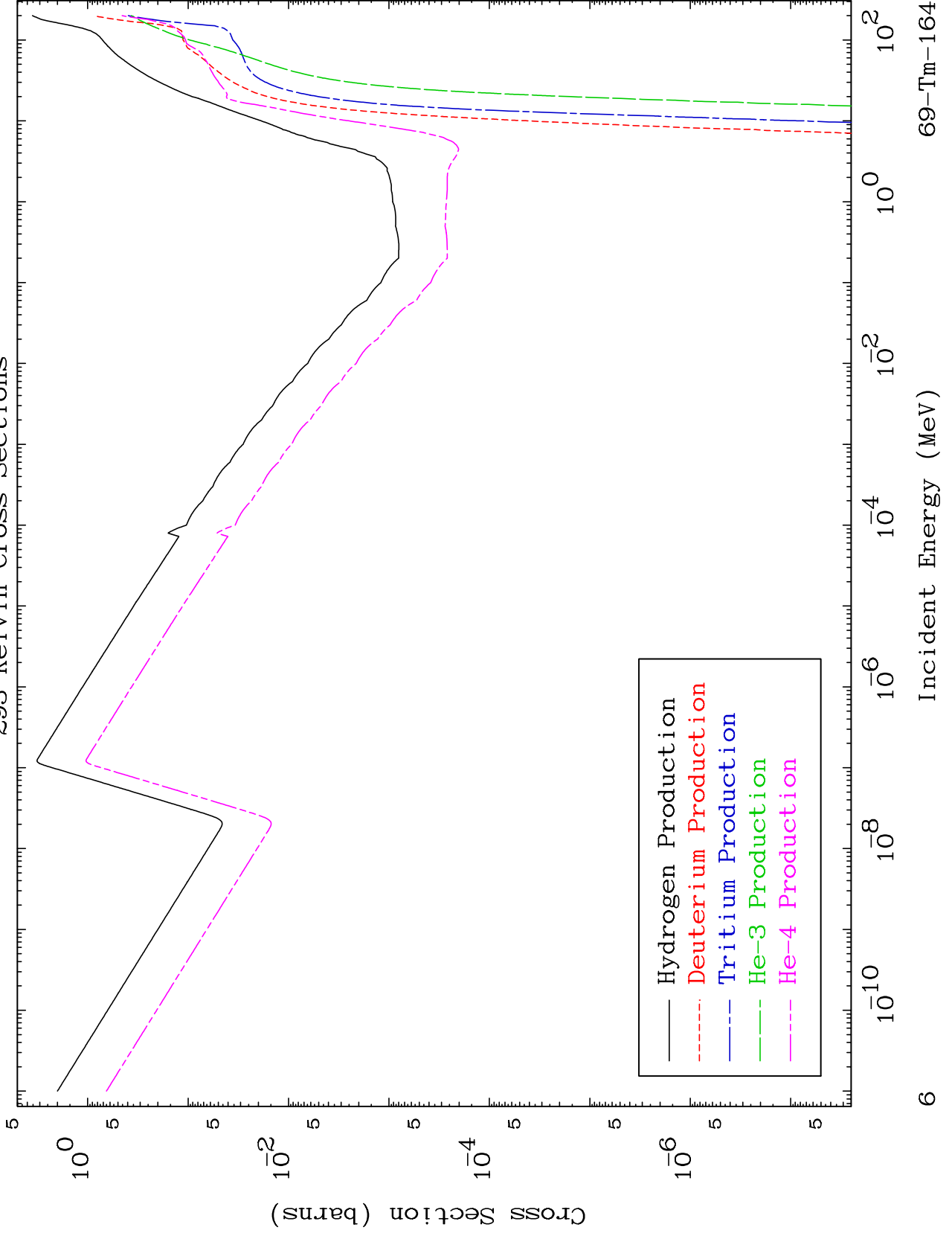
Incident Energy (MeV)

69-Tm-164

MAT 6910

Particle Production
293 Kelvin Cross Sections

69-Tm-164

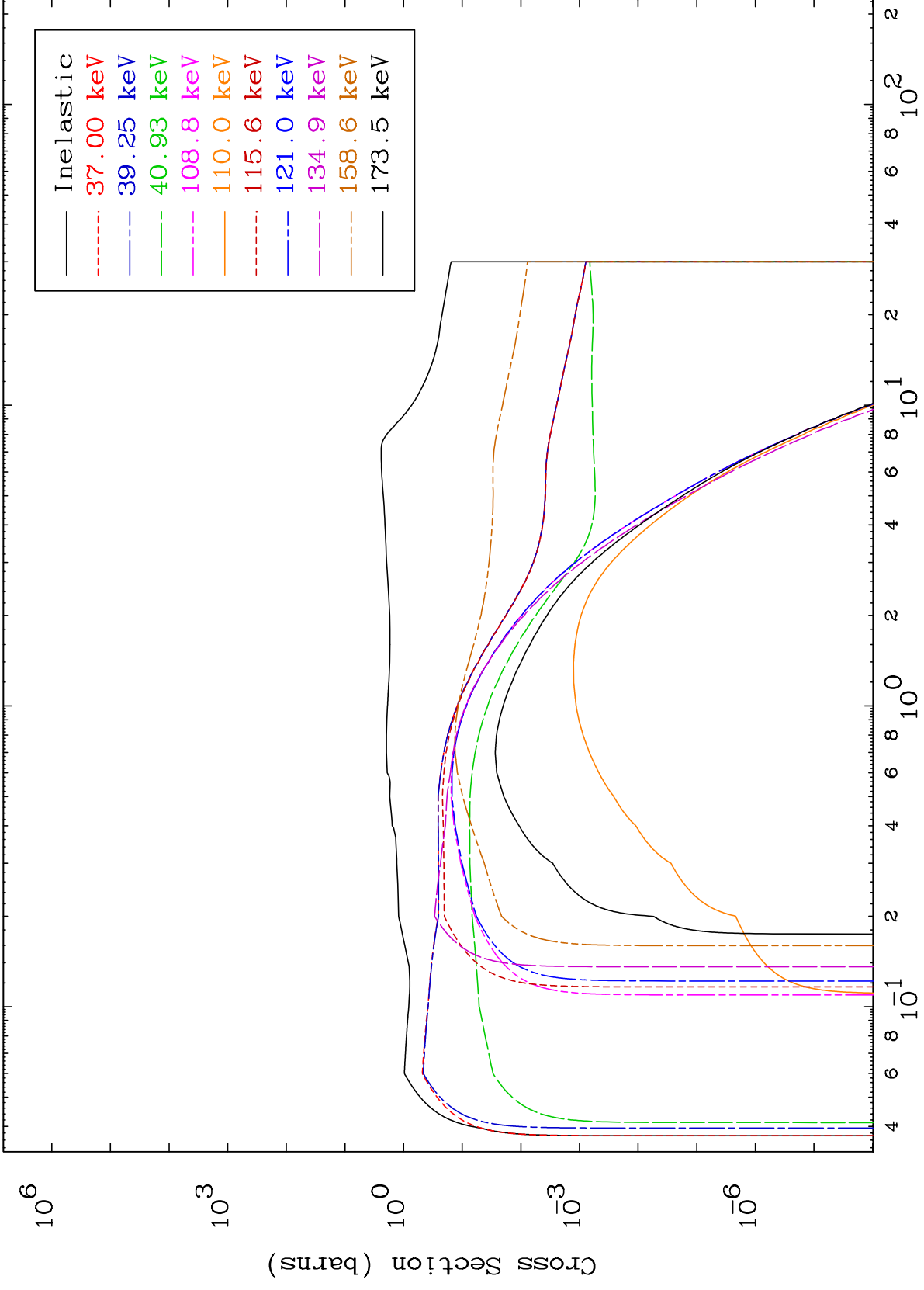


MAT 6910

(n,n') Level

69-Tm-164

293 Kelvin Cross Sections

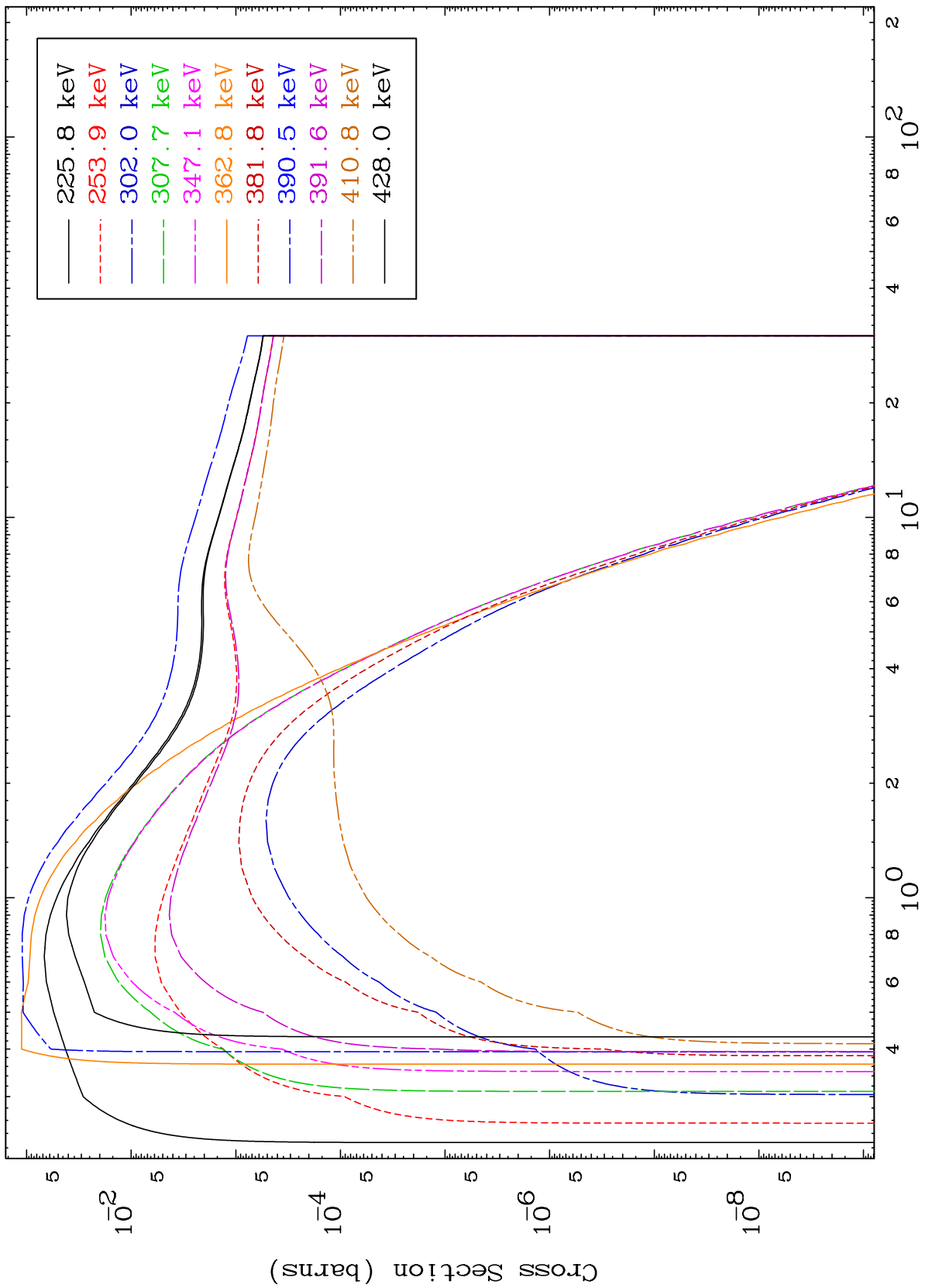


MAT 6910

(n,n') Level

69-Tm-164

293 Kelvin Cross Sections



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Incident Energy (MeV)

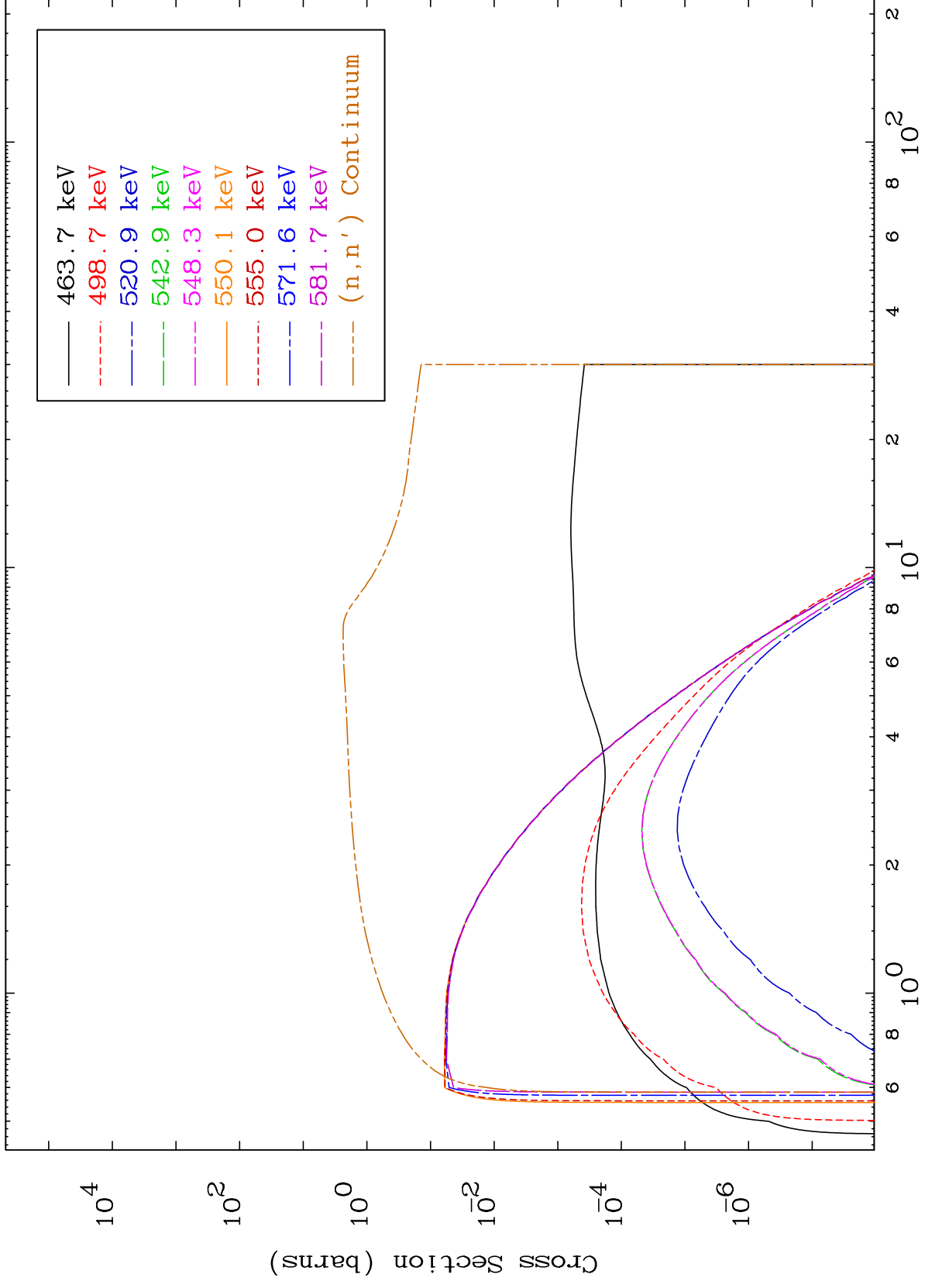
69-Tm-164

MAT 6910

(n,n') Level

69-Tm-164

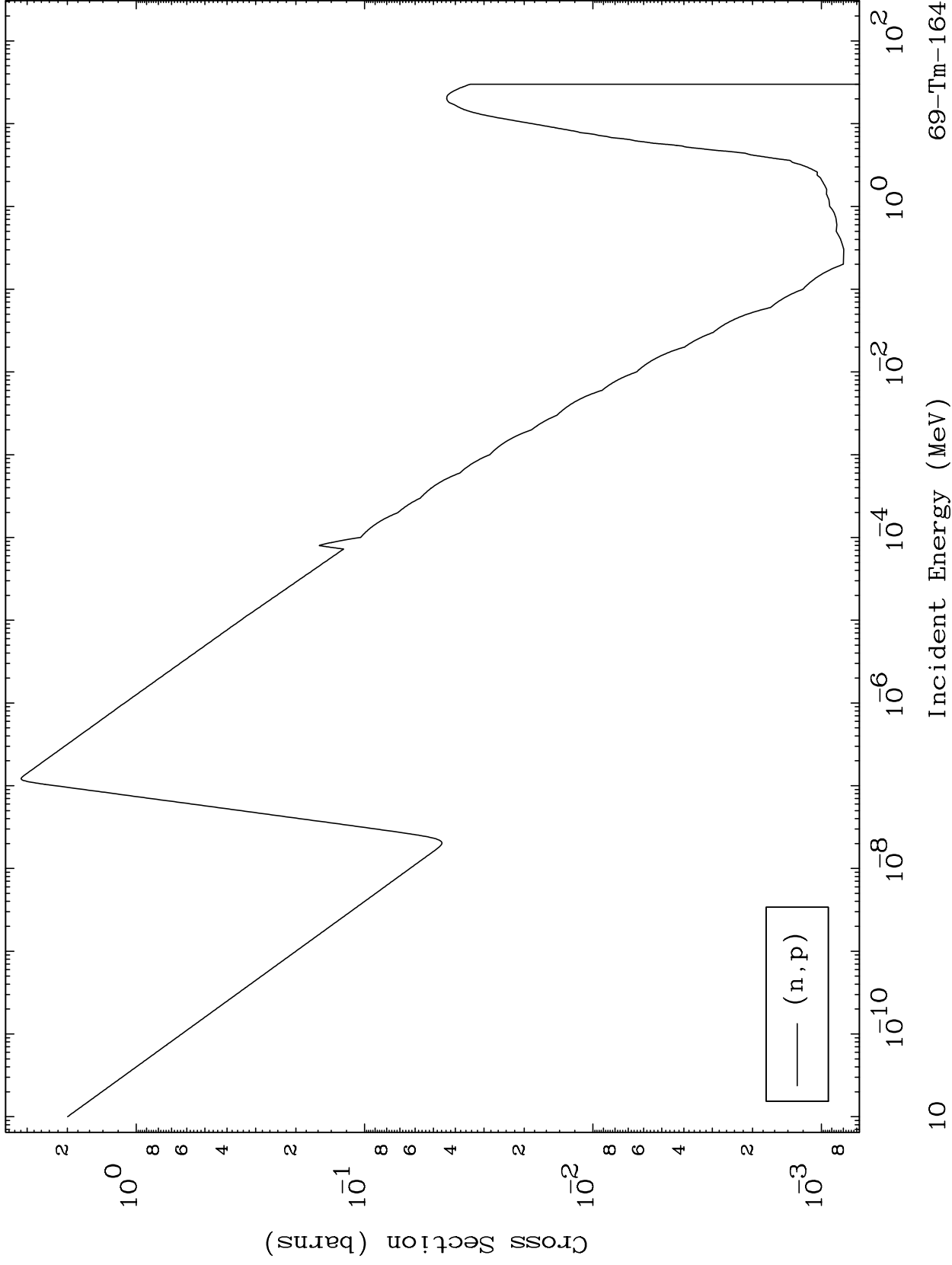
293 Kelvin Cross Sections



MAT 6910

(n,p) Levels
293 Kelvin Cross Sections

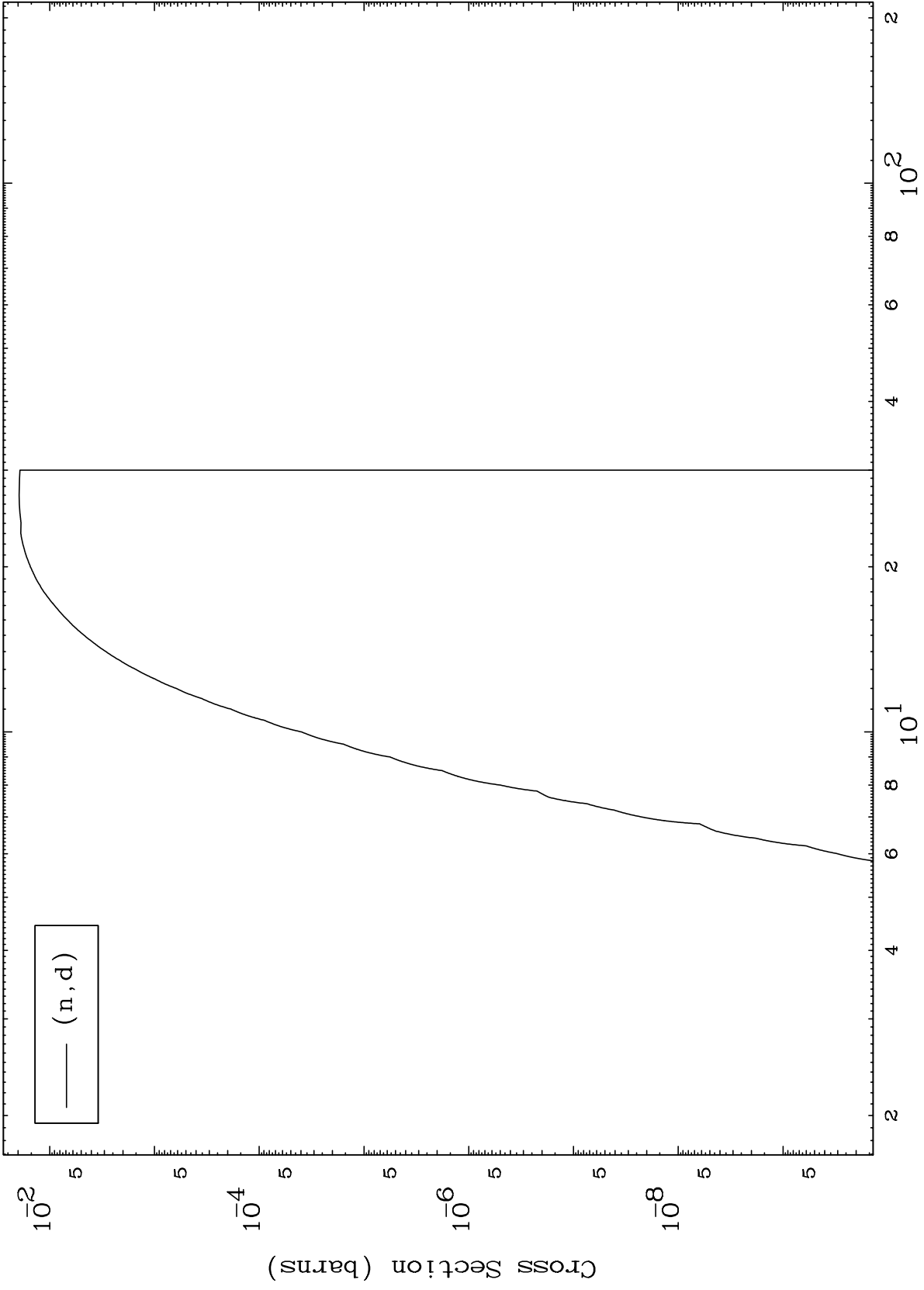
69-Tm-164

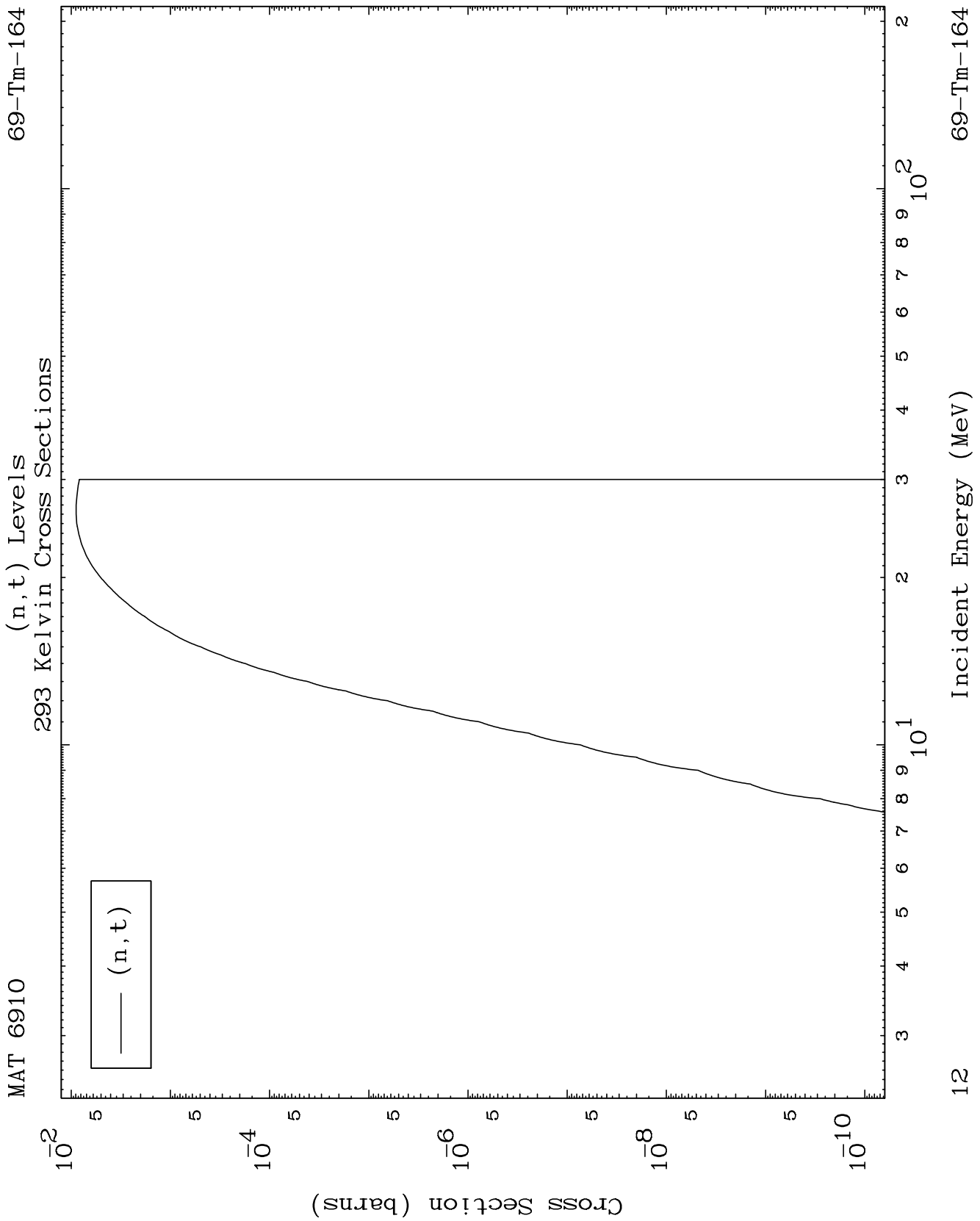


MAT 6910

(n,d) Levels
293 Kelvin Cross Sections

69-Tm-164

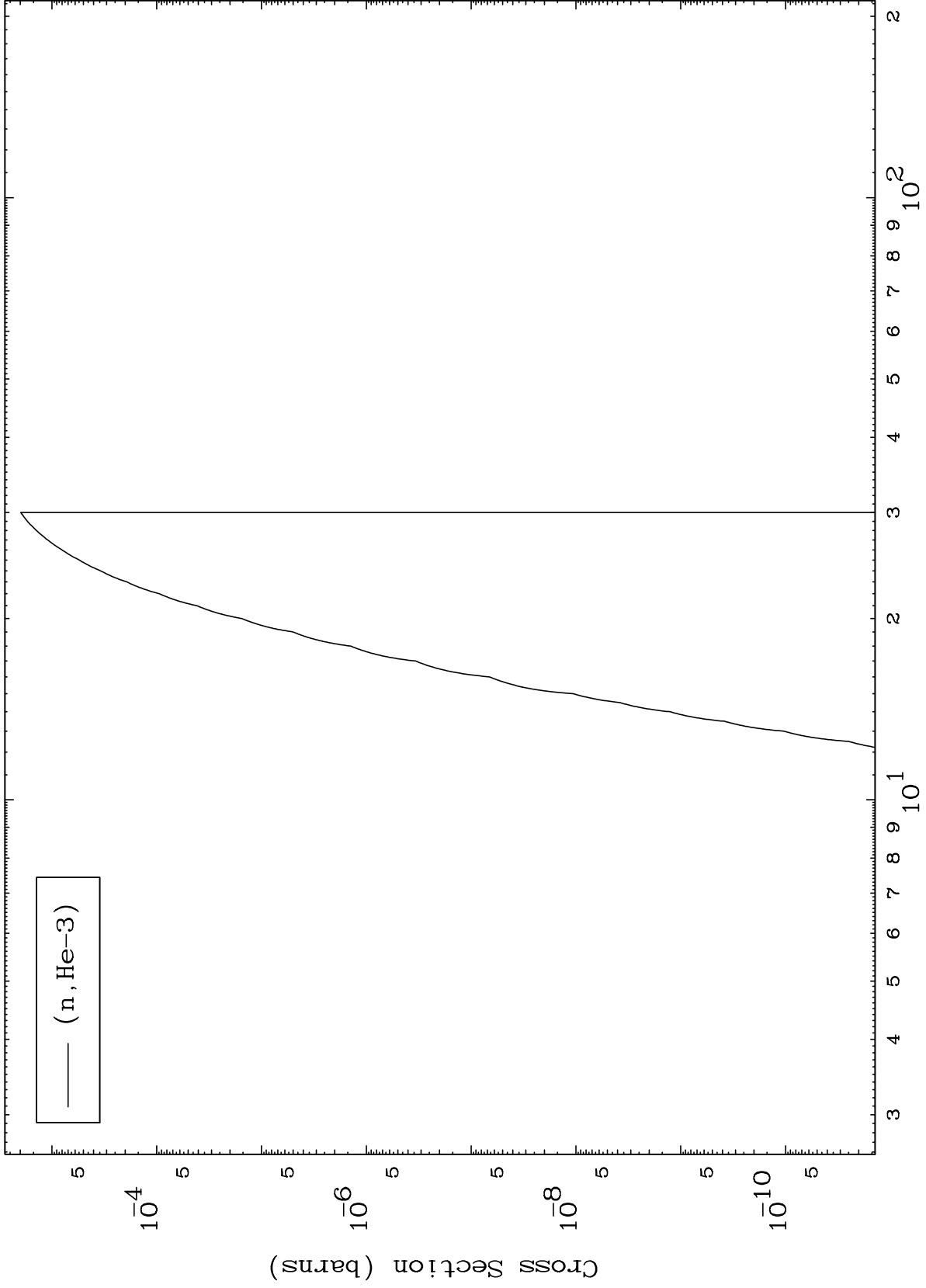




MAT 6910

(n,He3) Levels
293 Kelvin Cross Sections

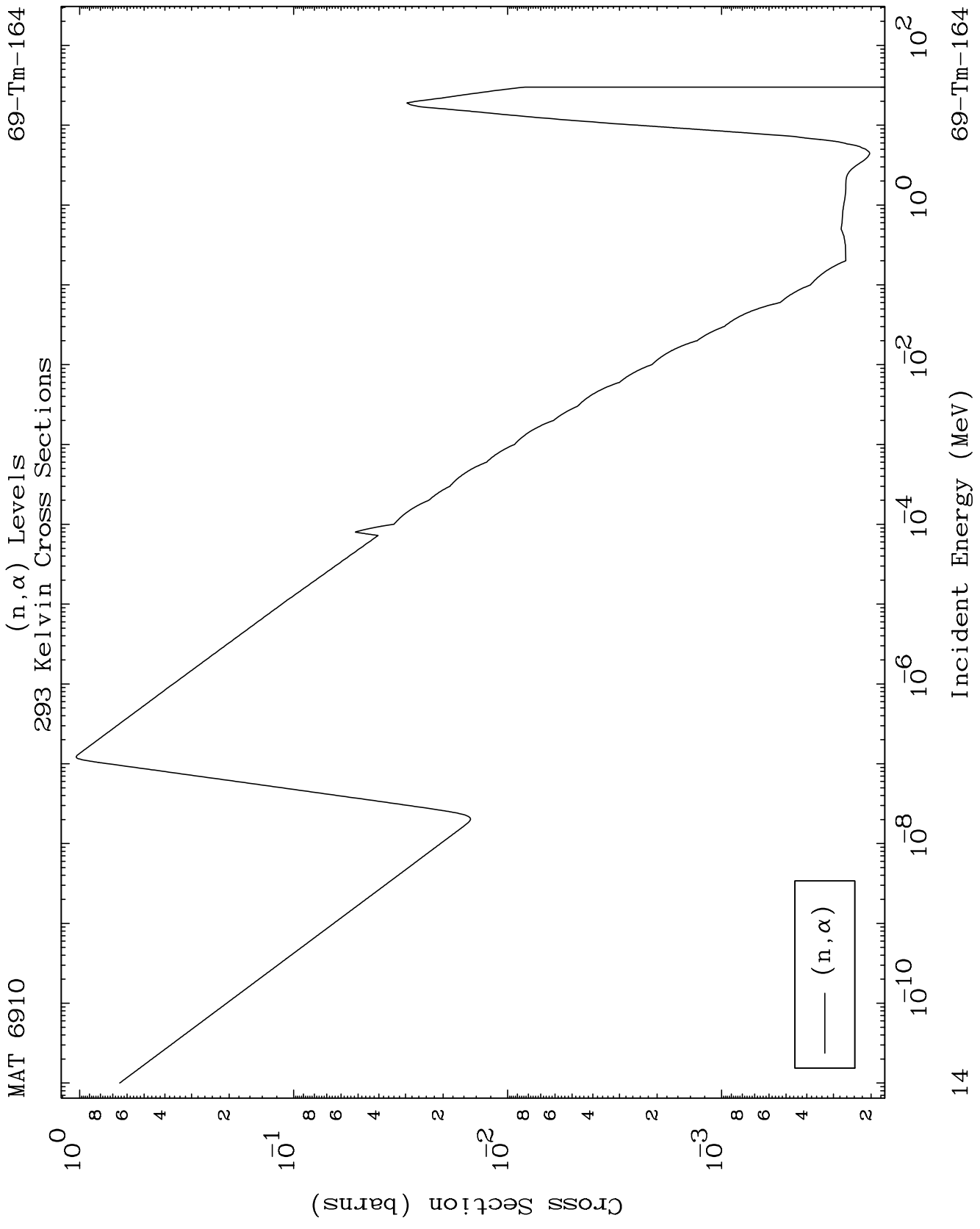
69-Tm-164

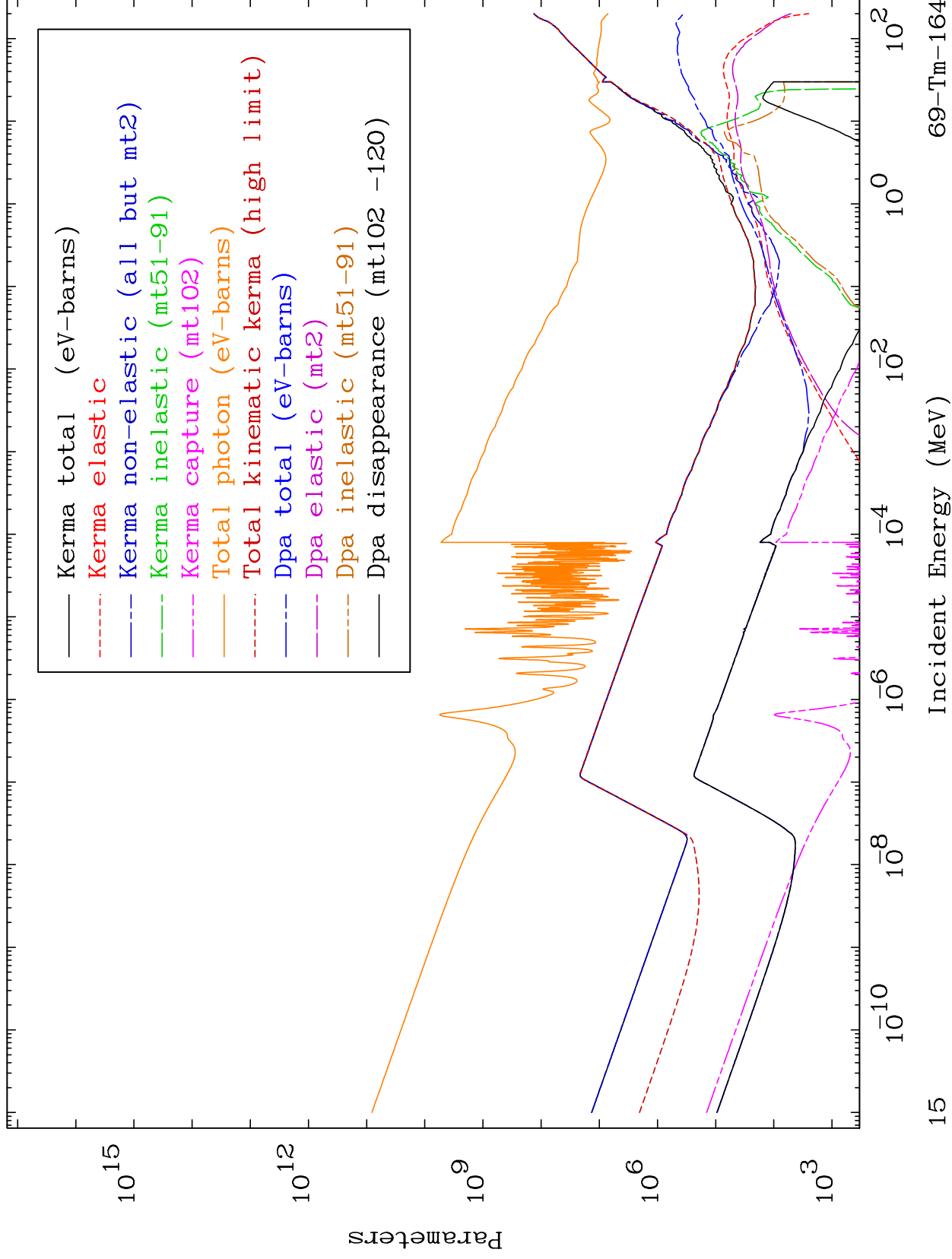


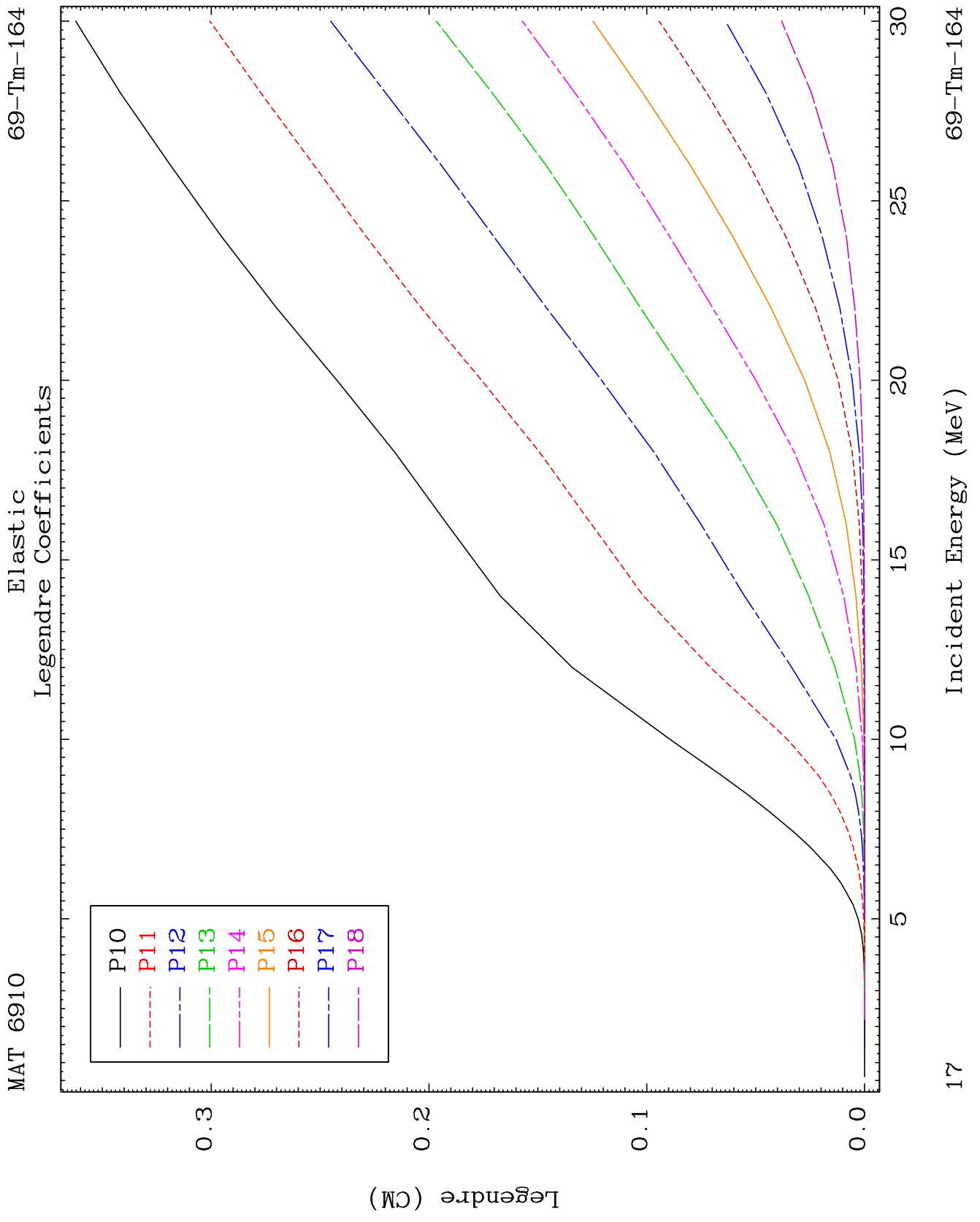
13

Incident Energy (MeV)

69-Tm-164



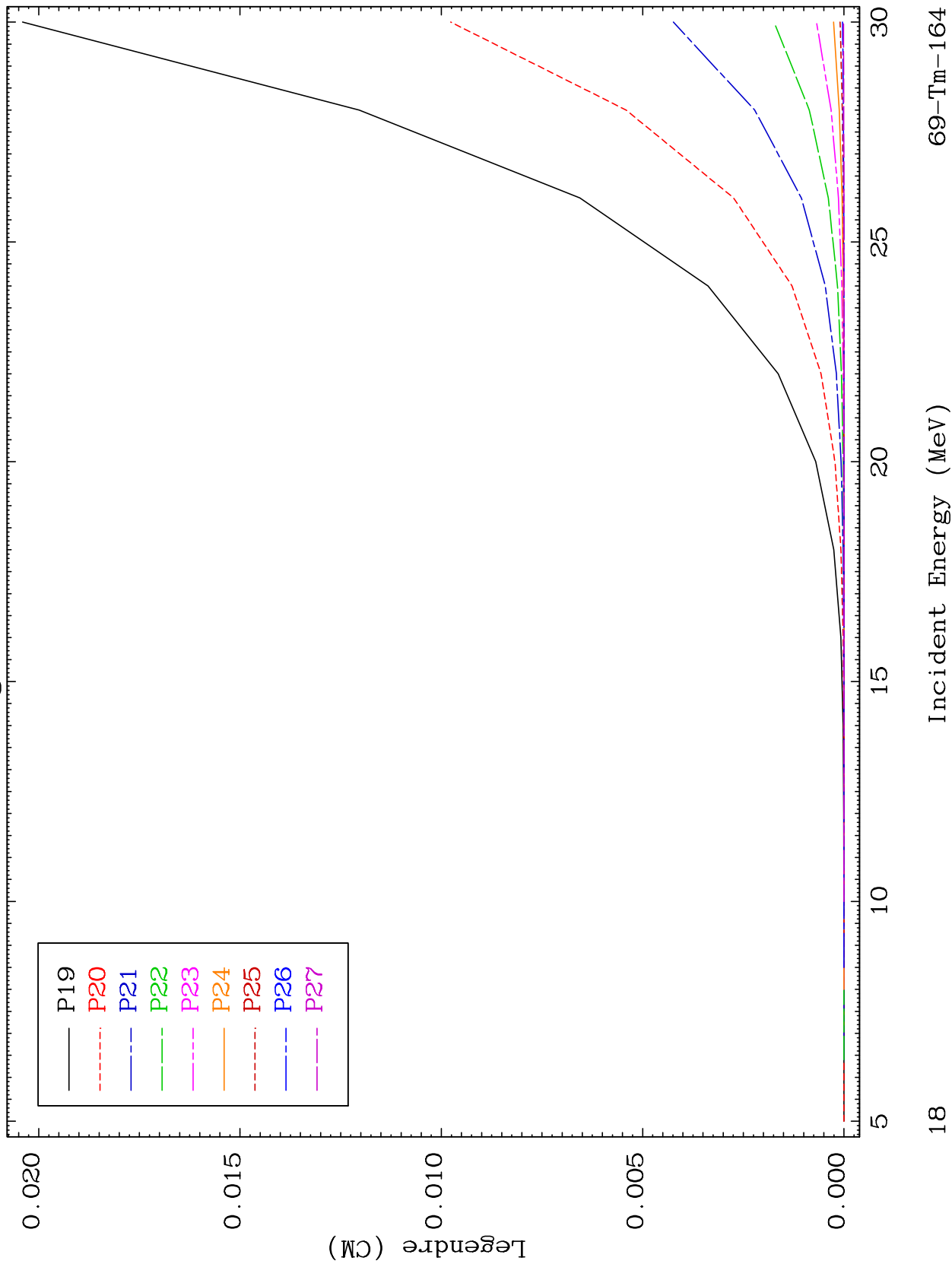




MAT 6910

Elastic Legendre Coefficients

69-Tm-164



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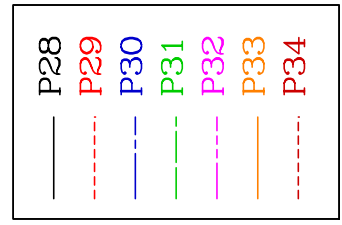
Incident Energy (MeV)

69-Tm-164

MAT 6910

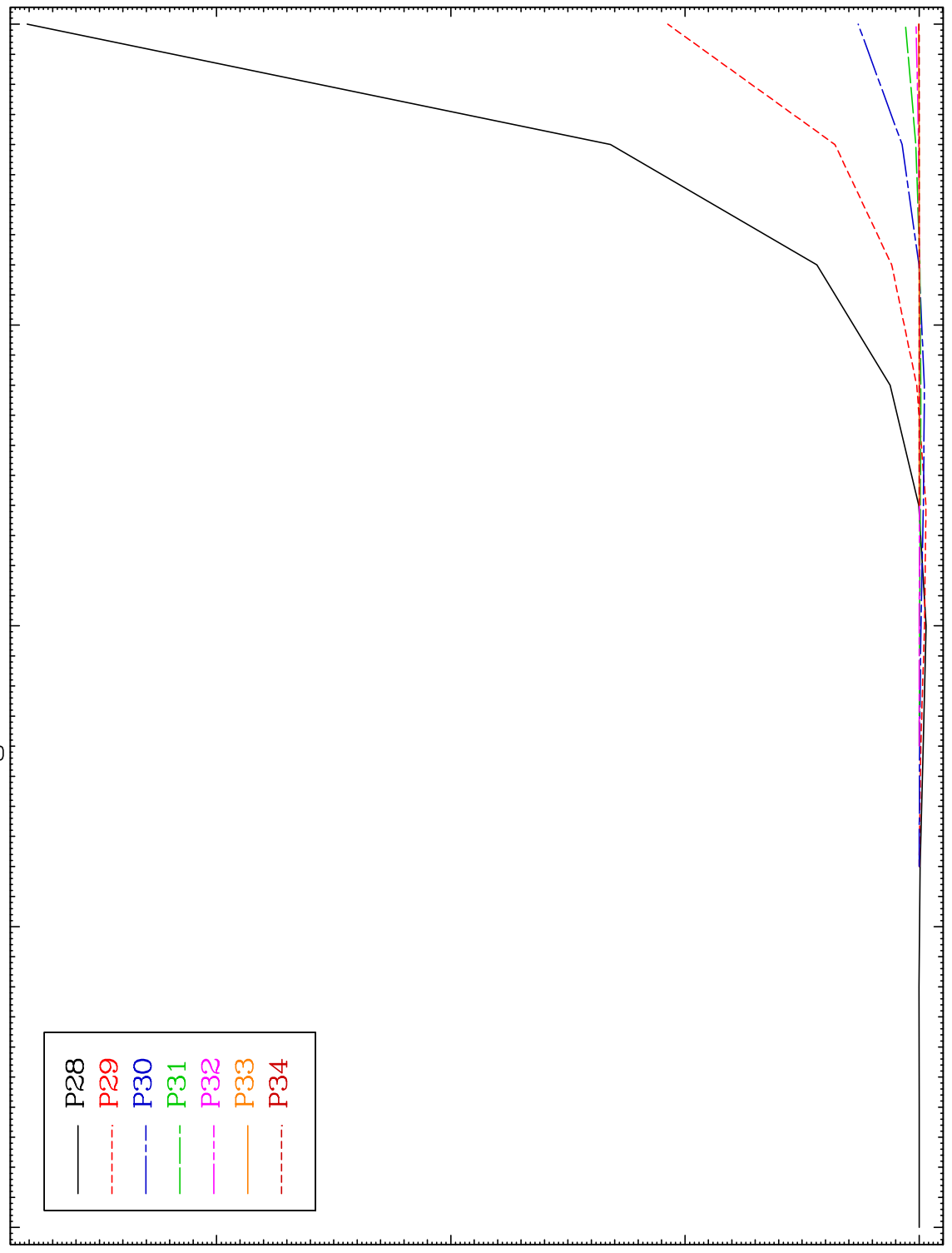
Elastic Legendre Coefficients

69-Tm-164



$\times 10^{-6}$

Legendre (CM)



10

15

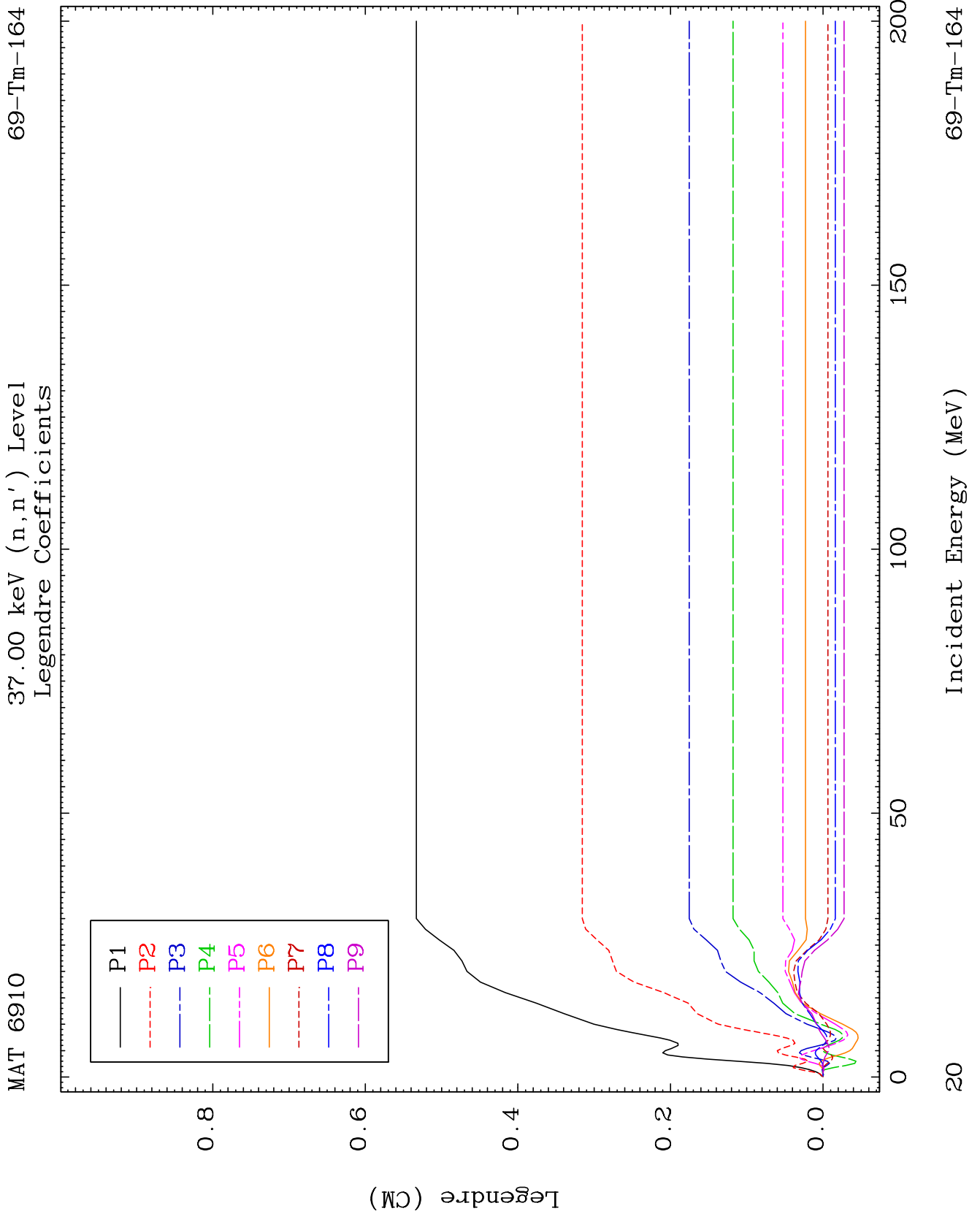
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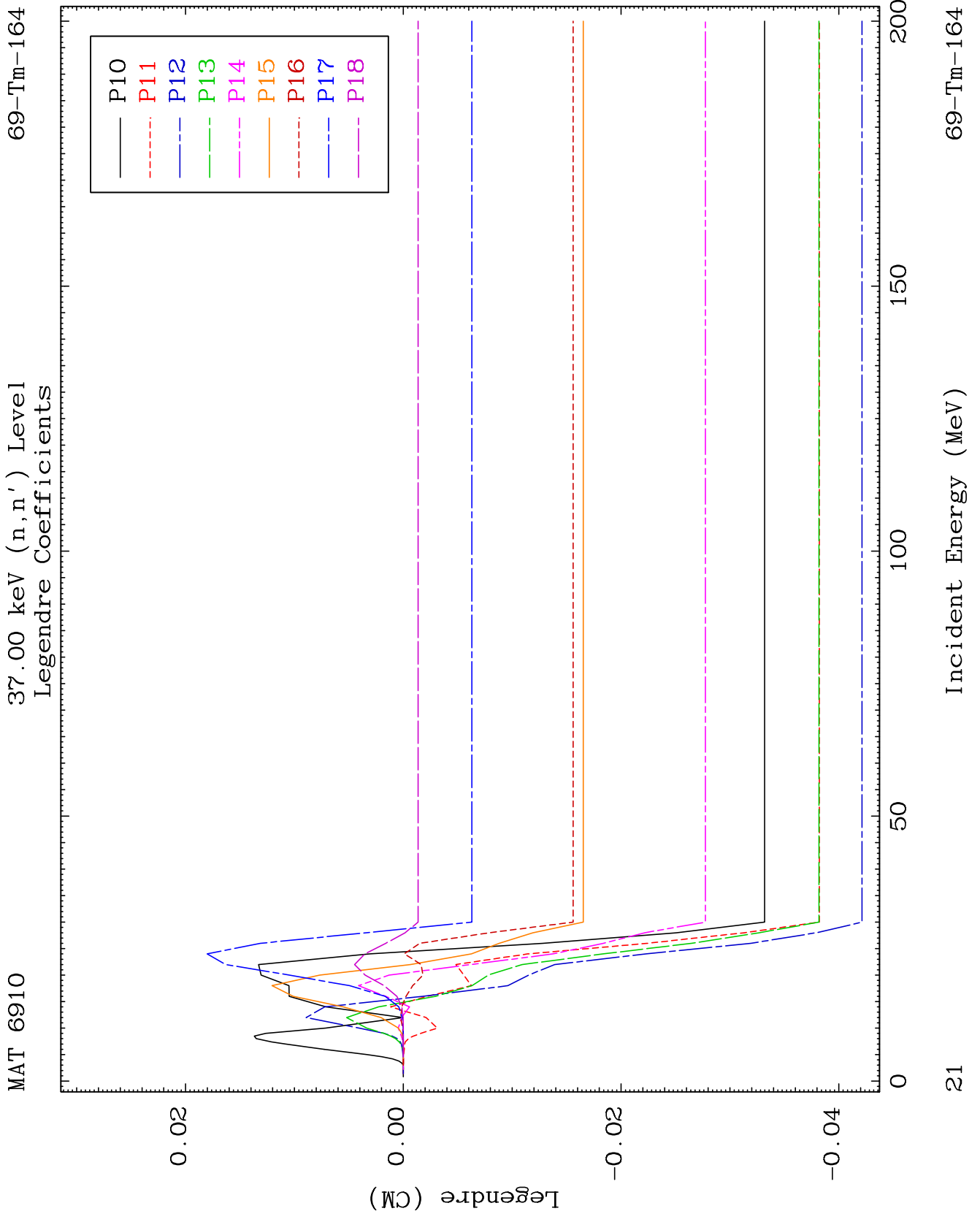
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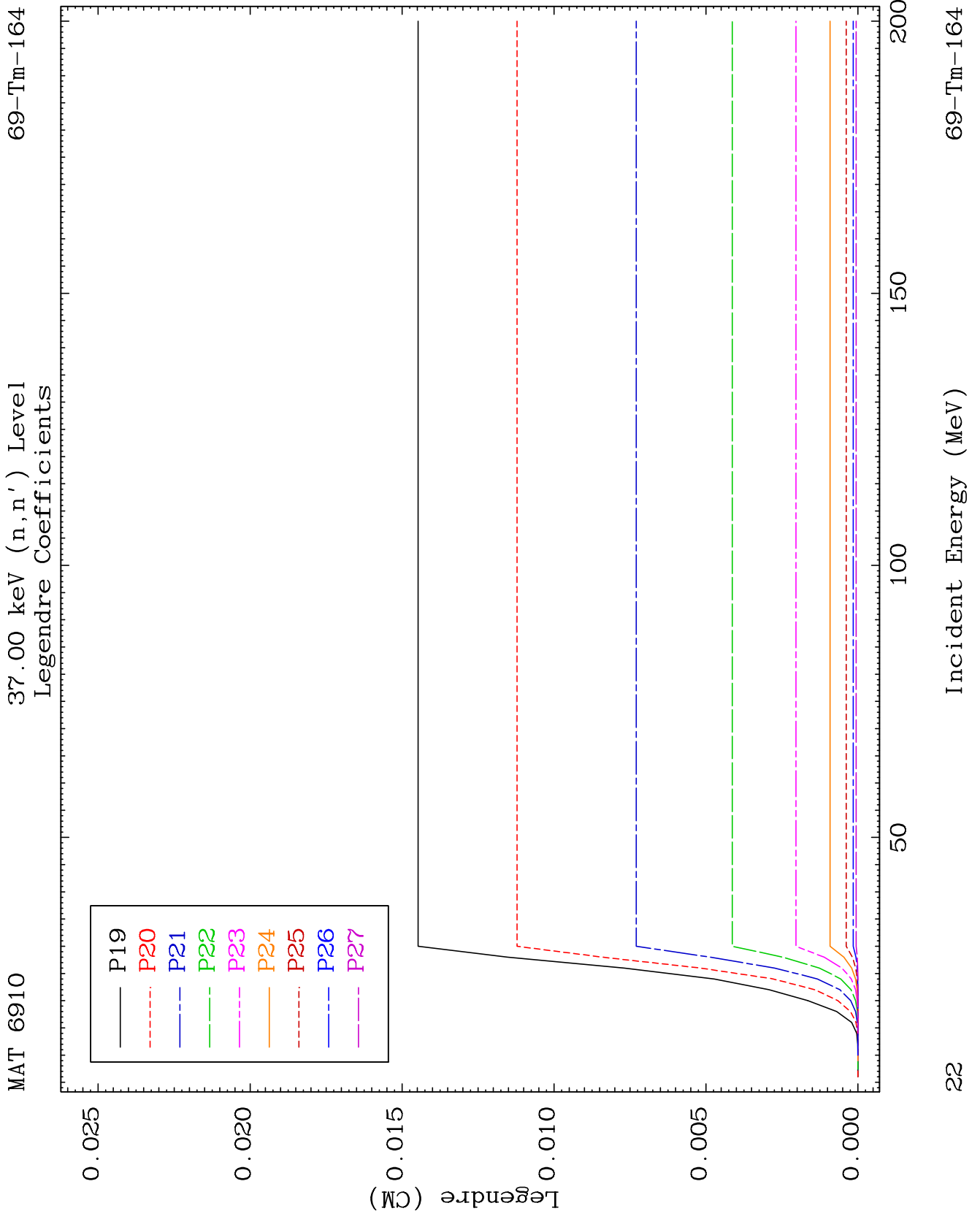
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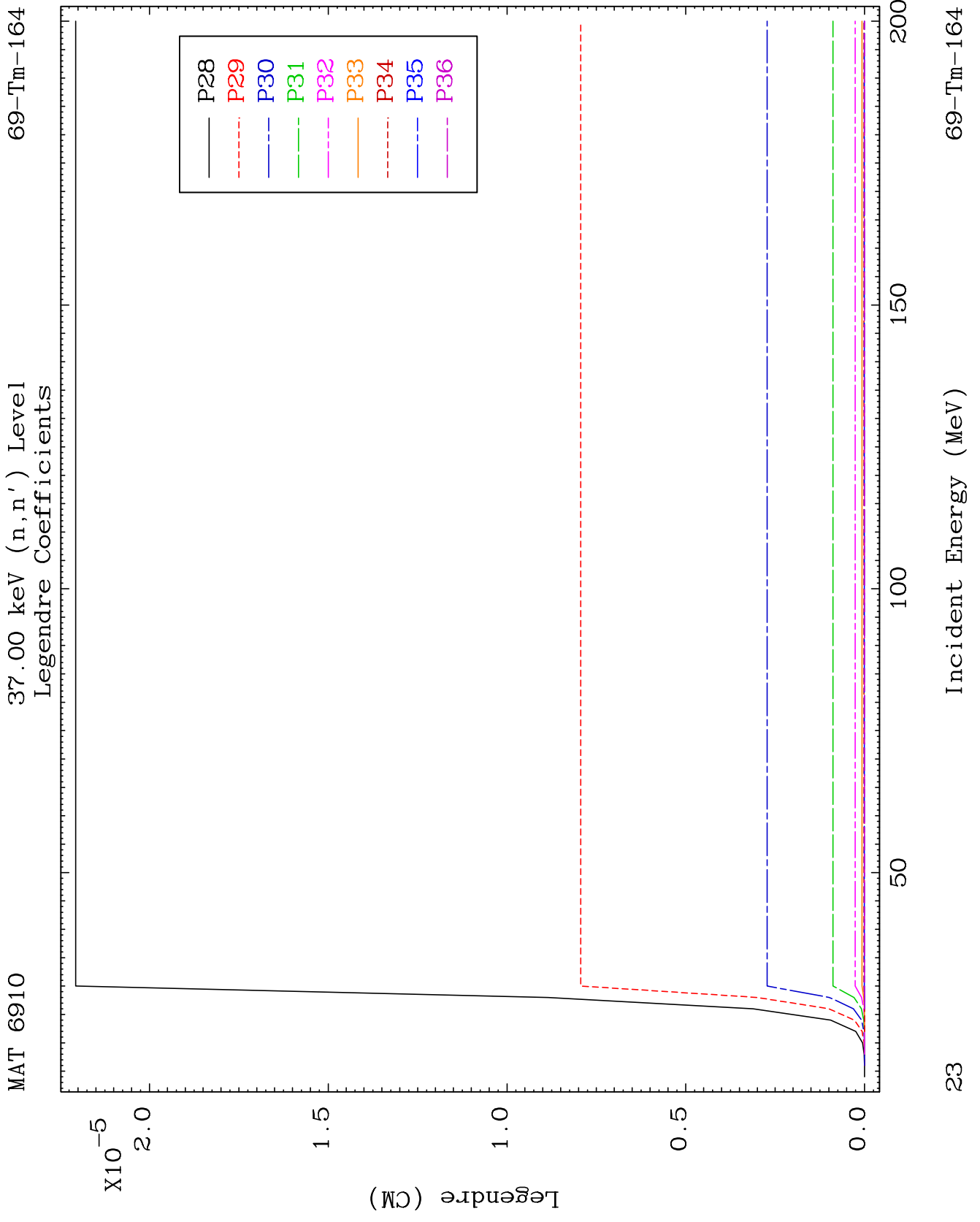
Incident Energy (MeV)

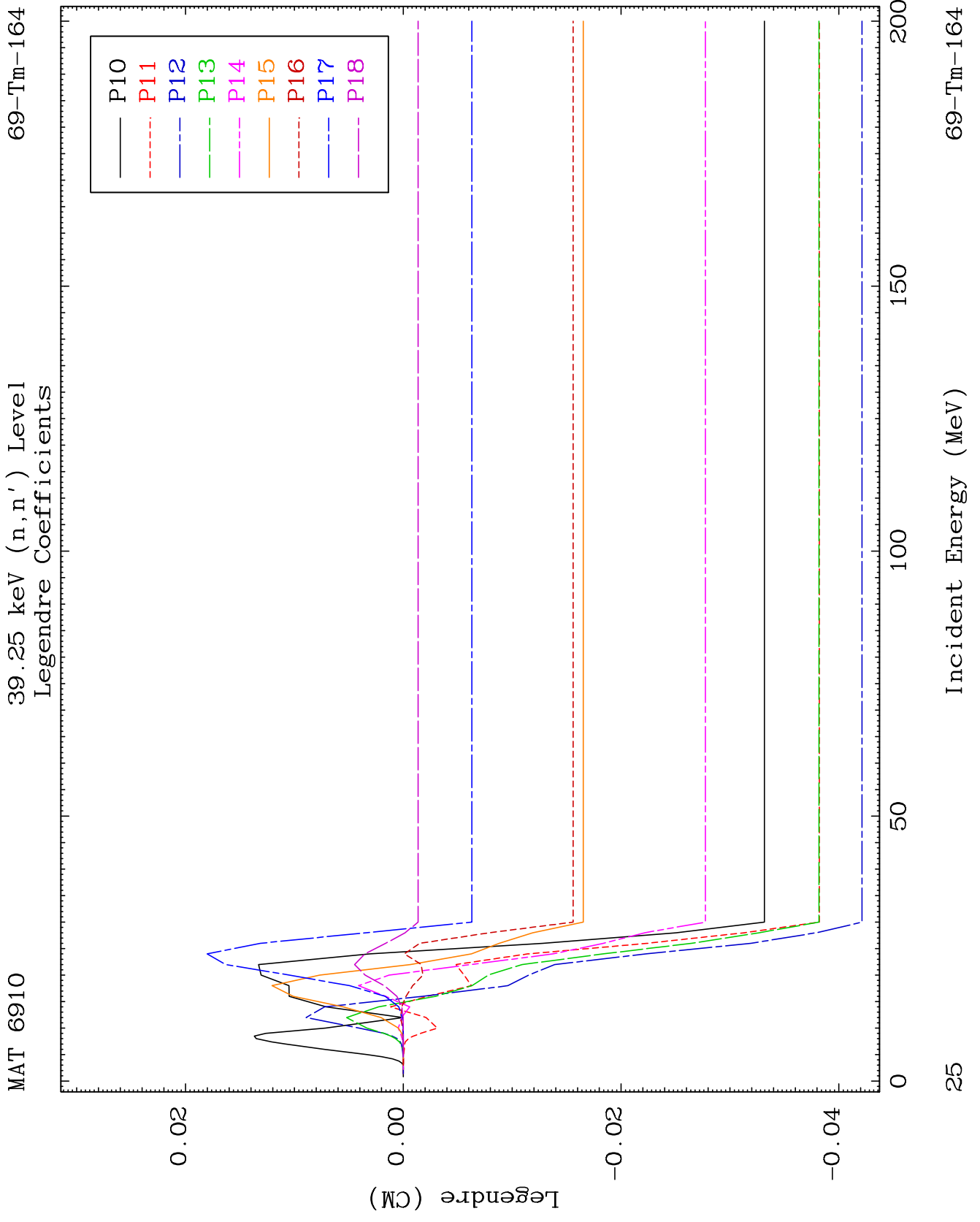
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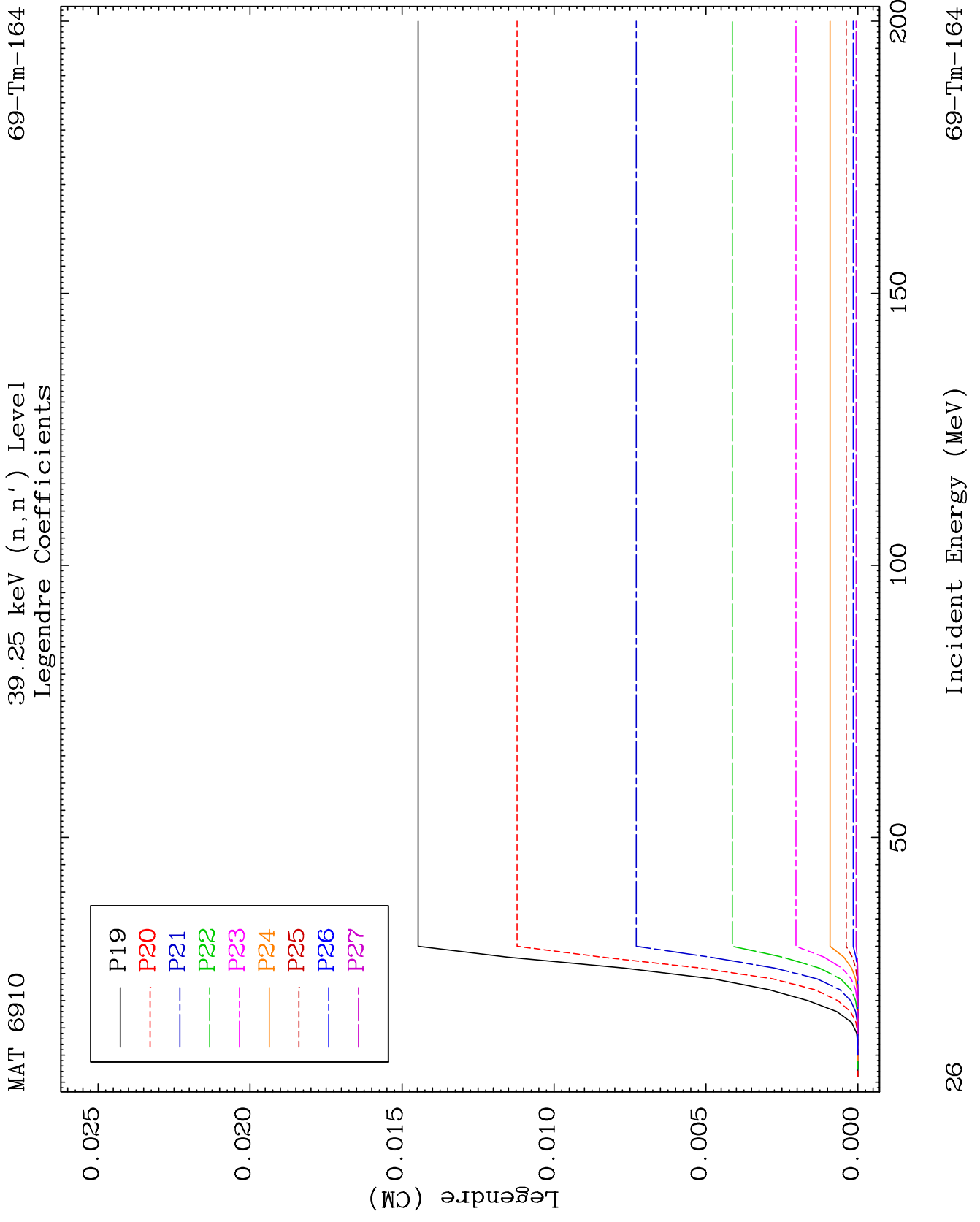


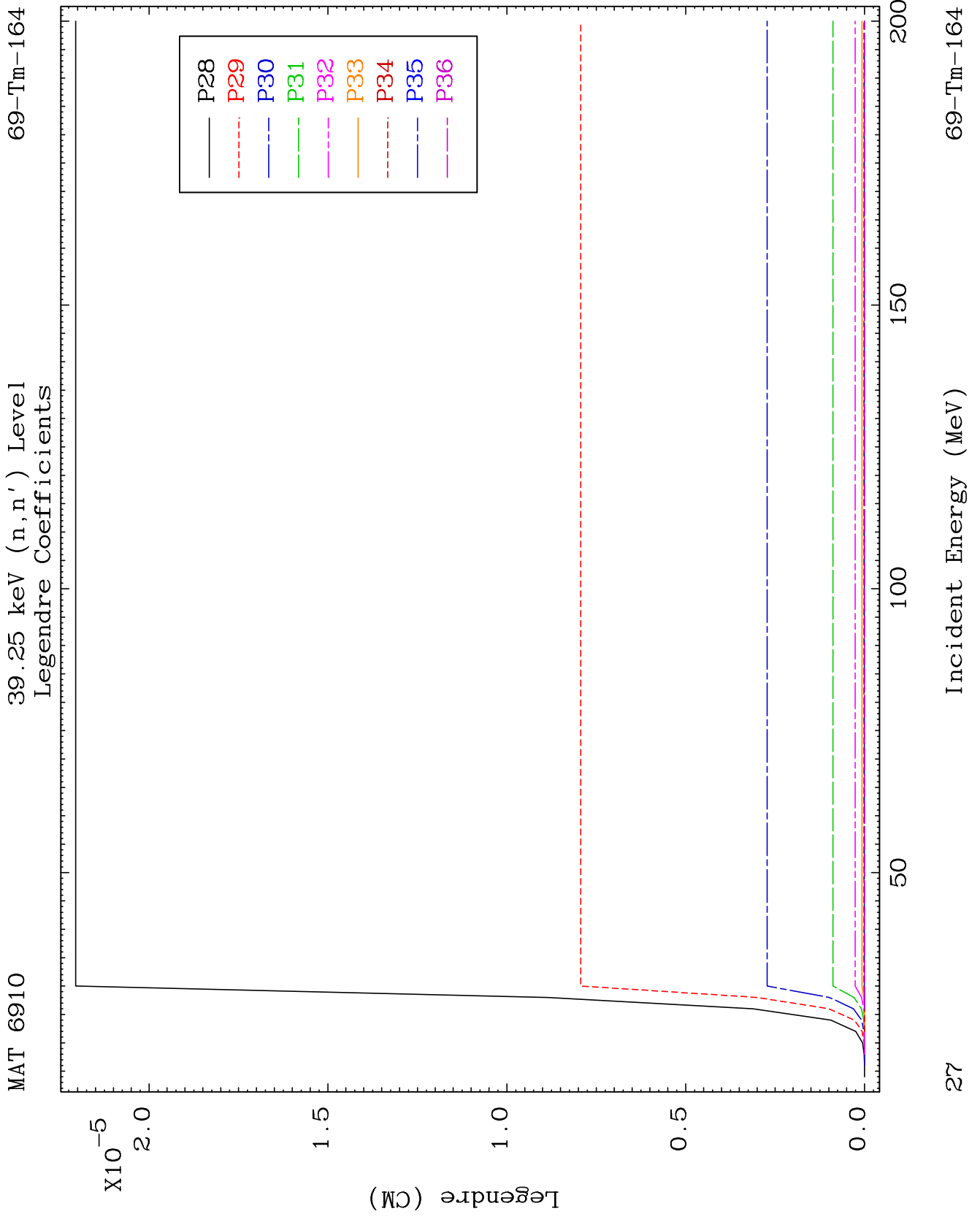


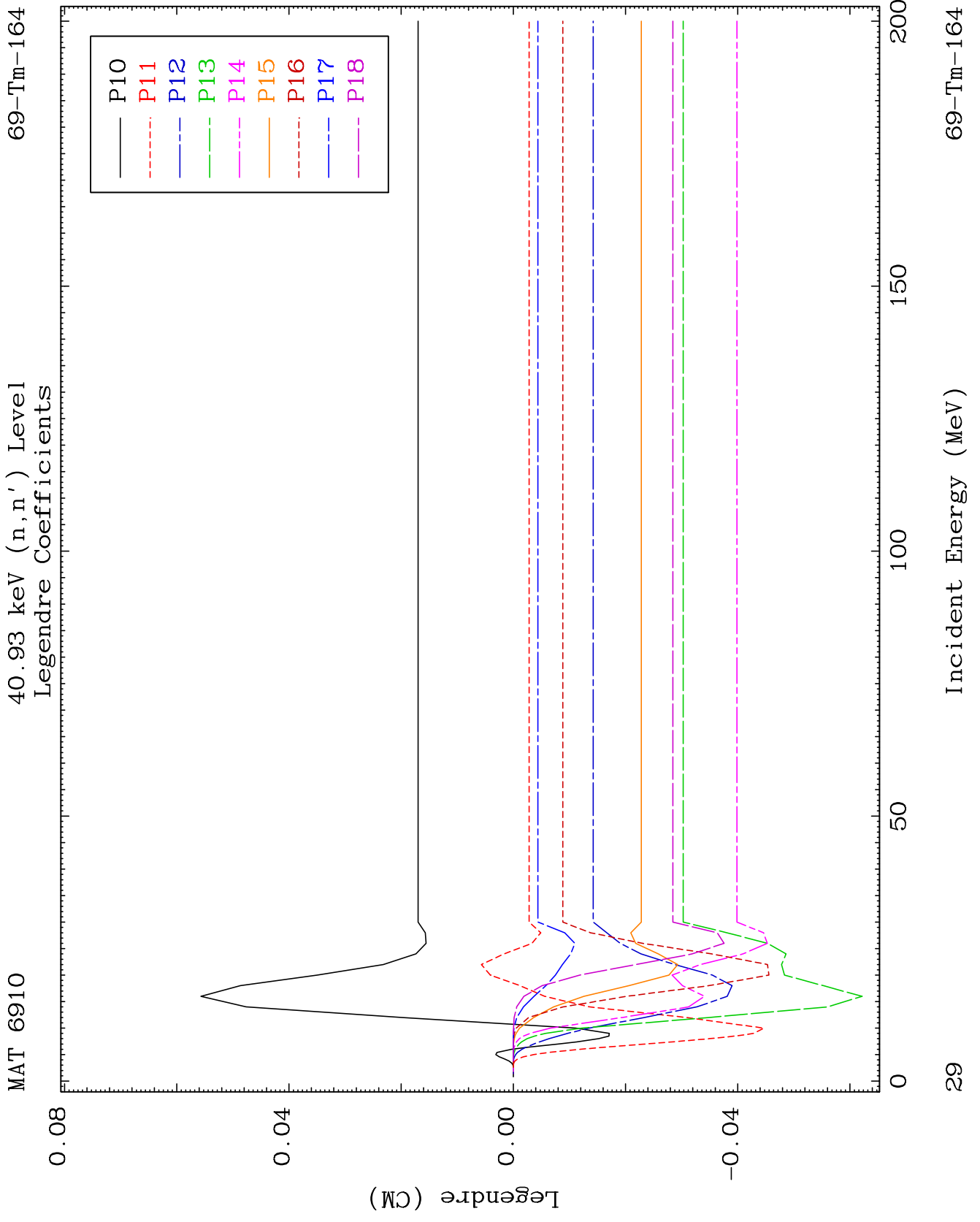


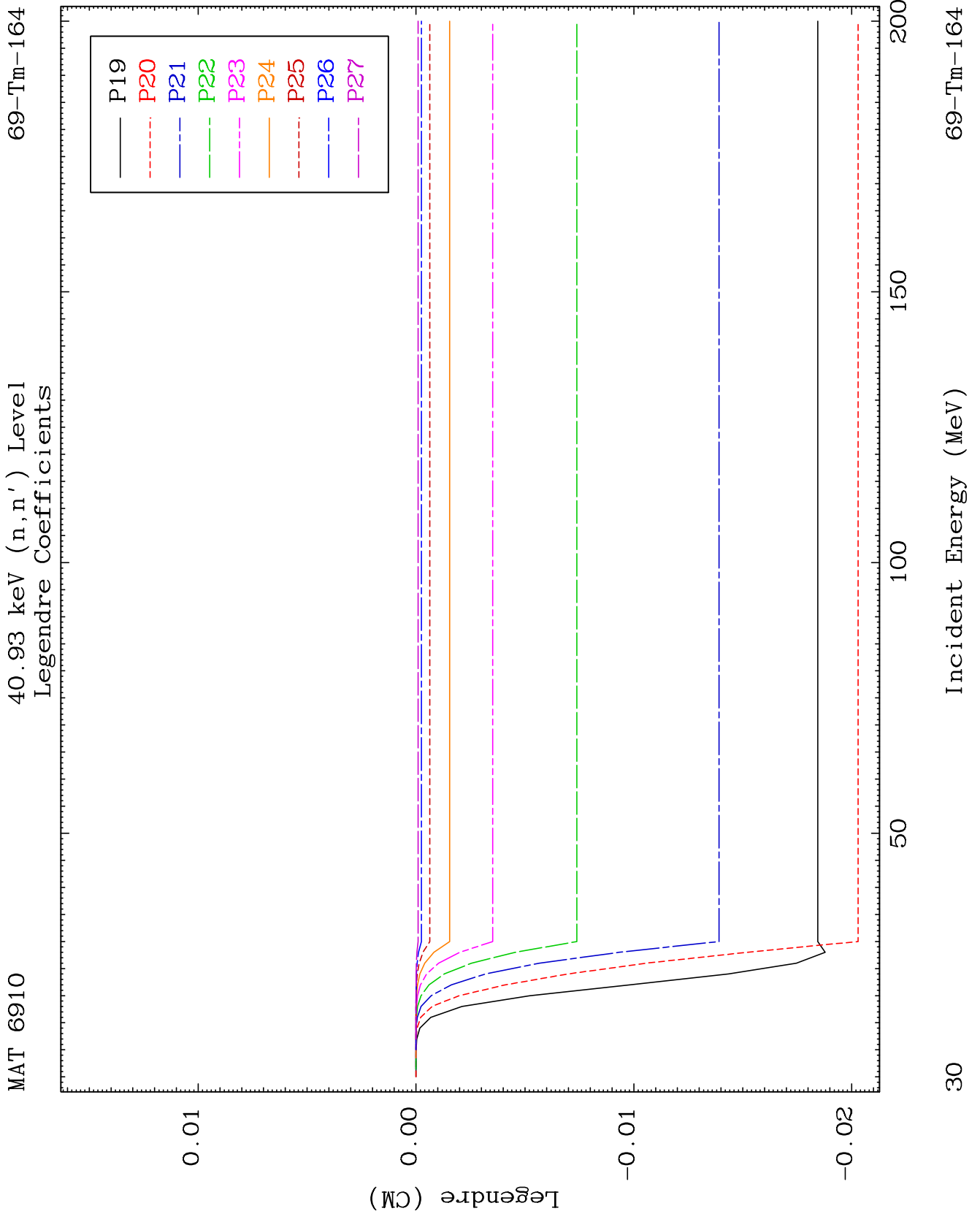


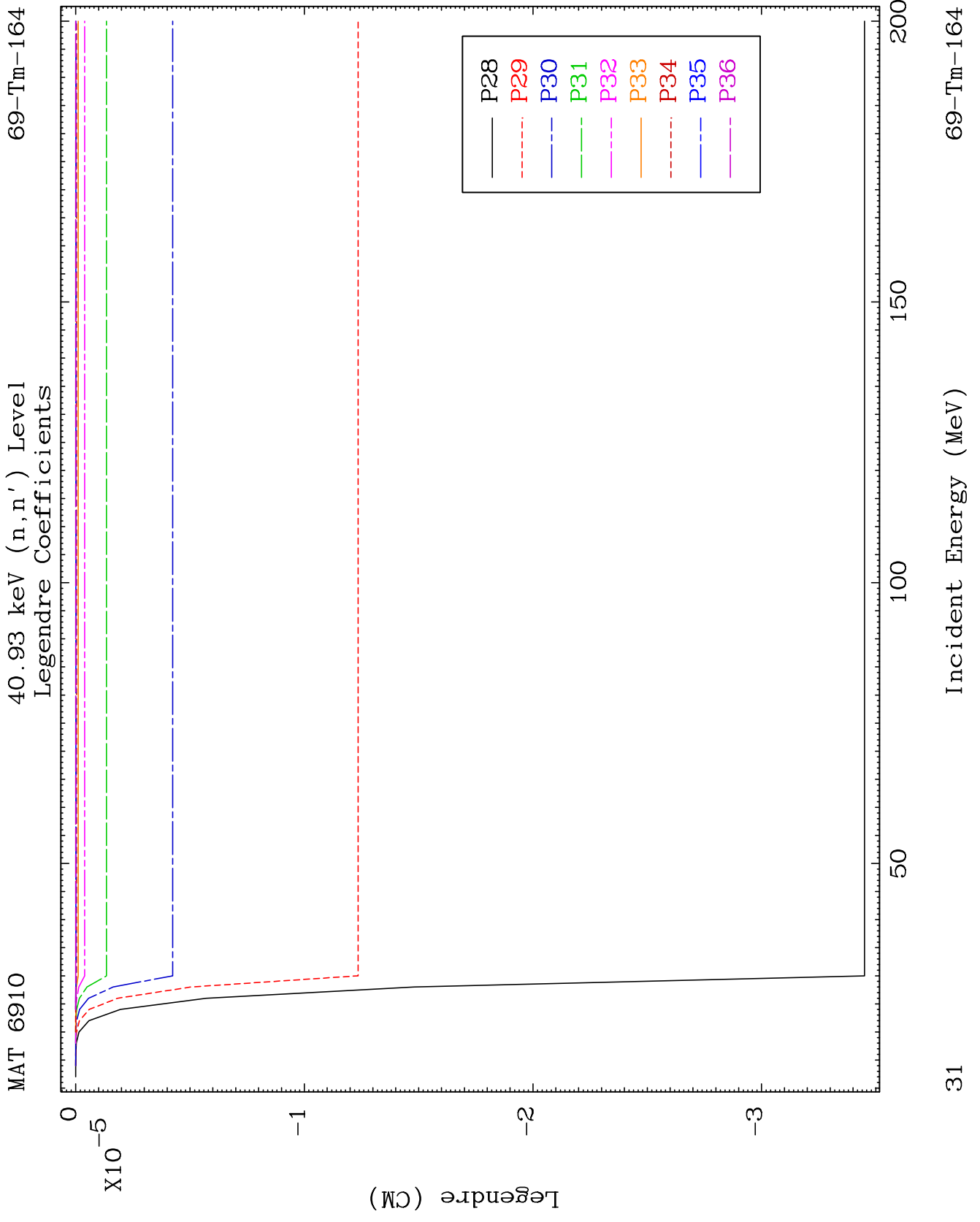


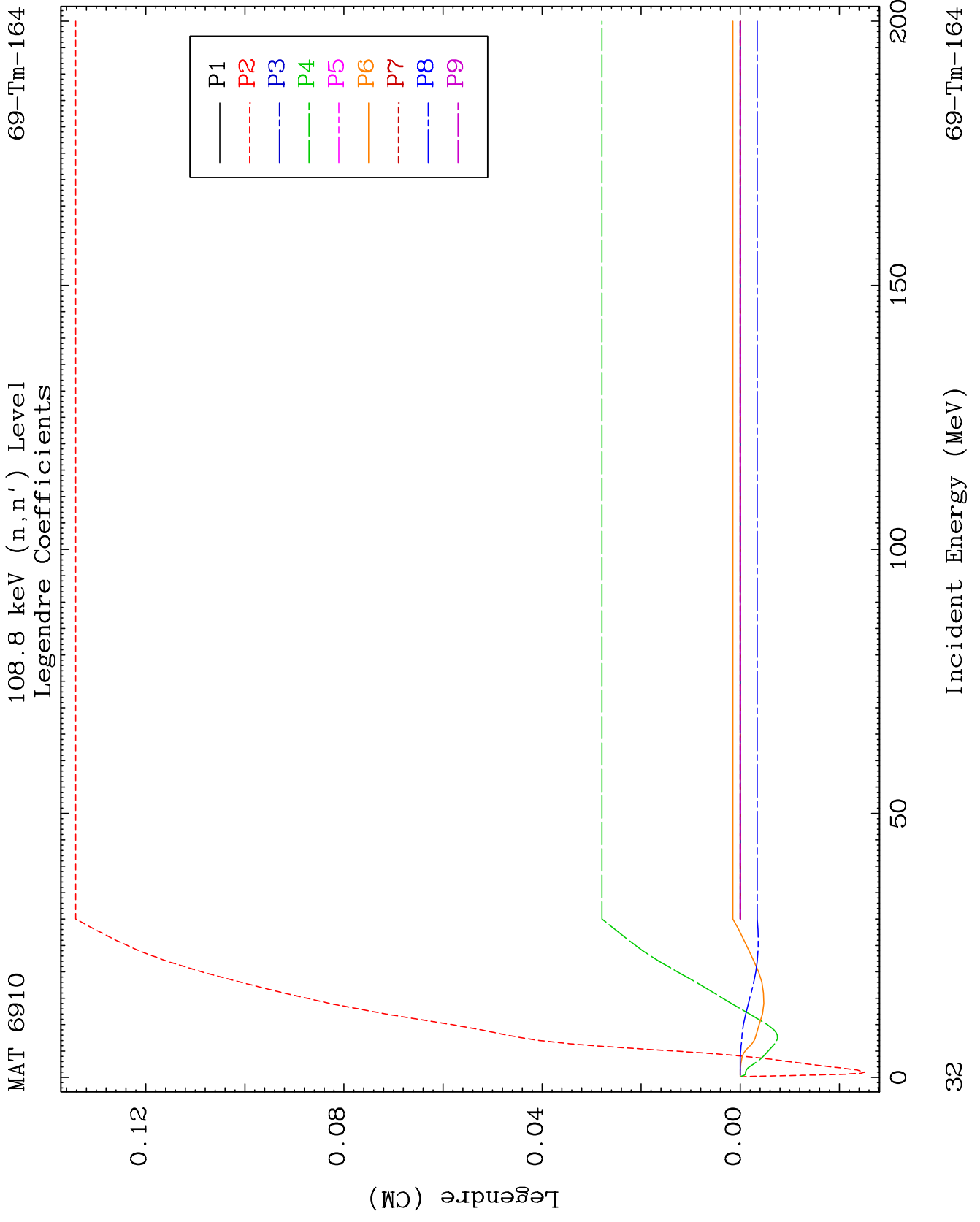


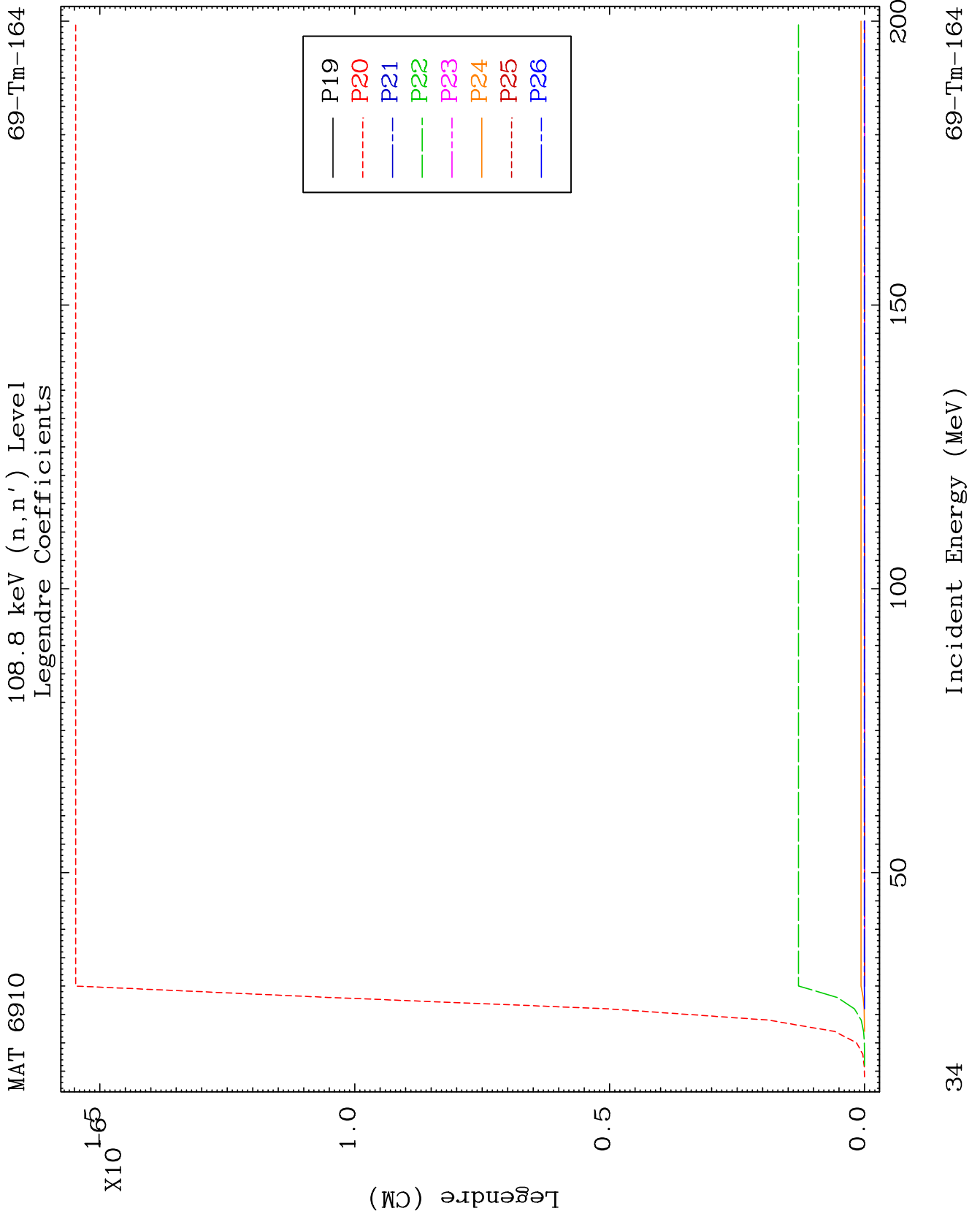


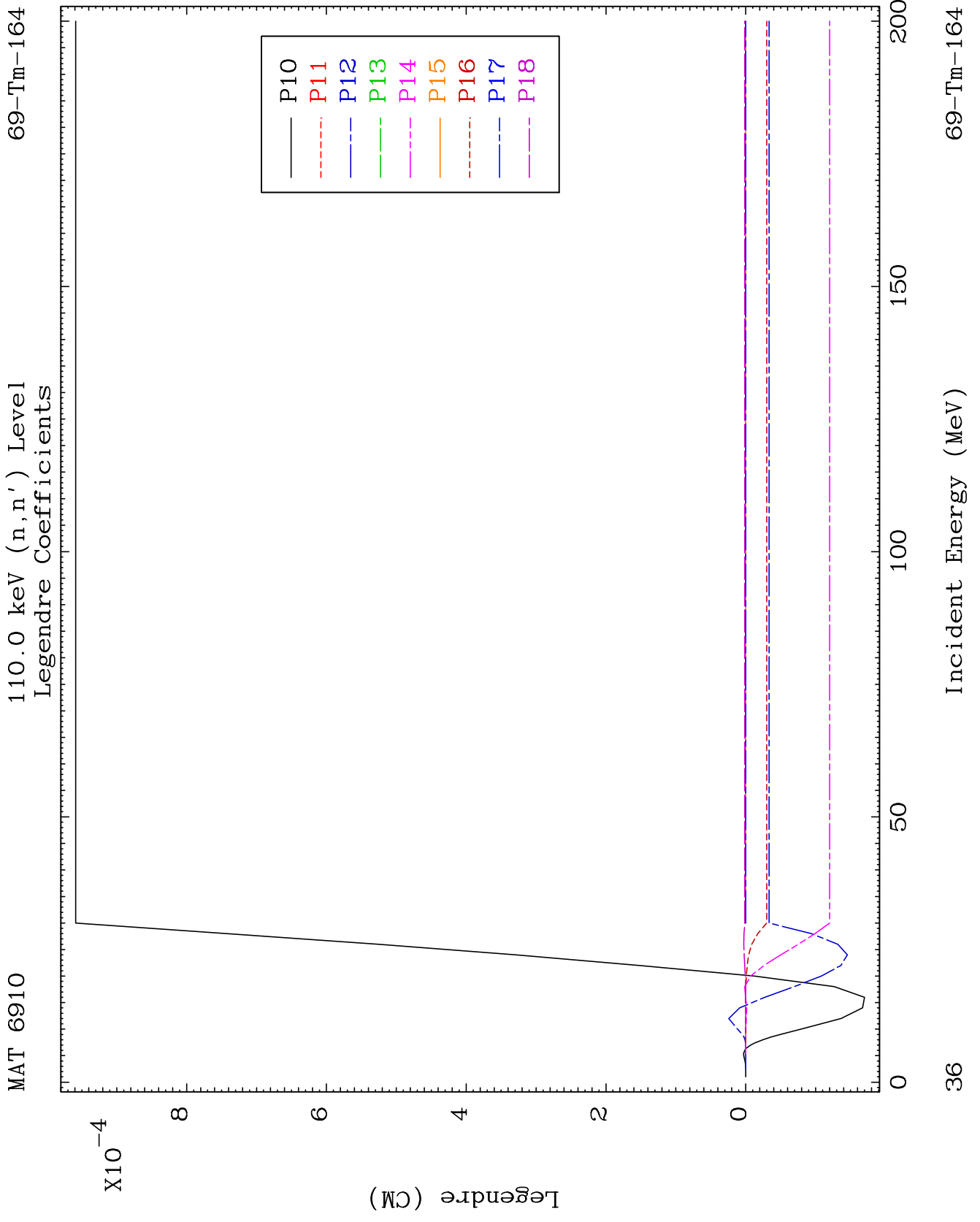


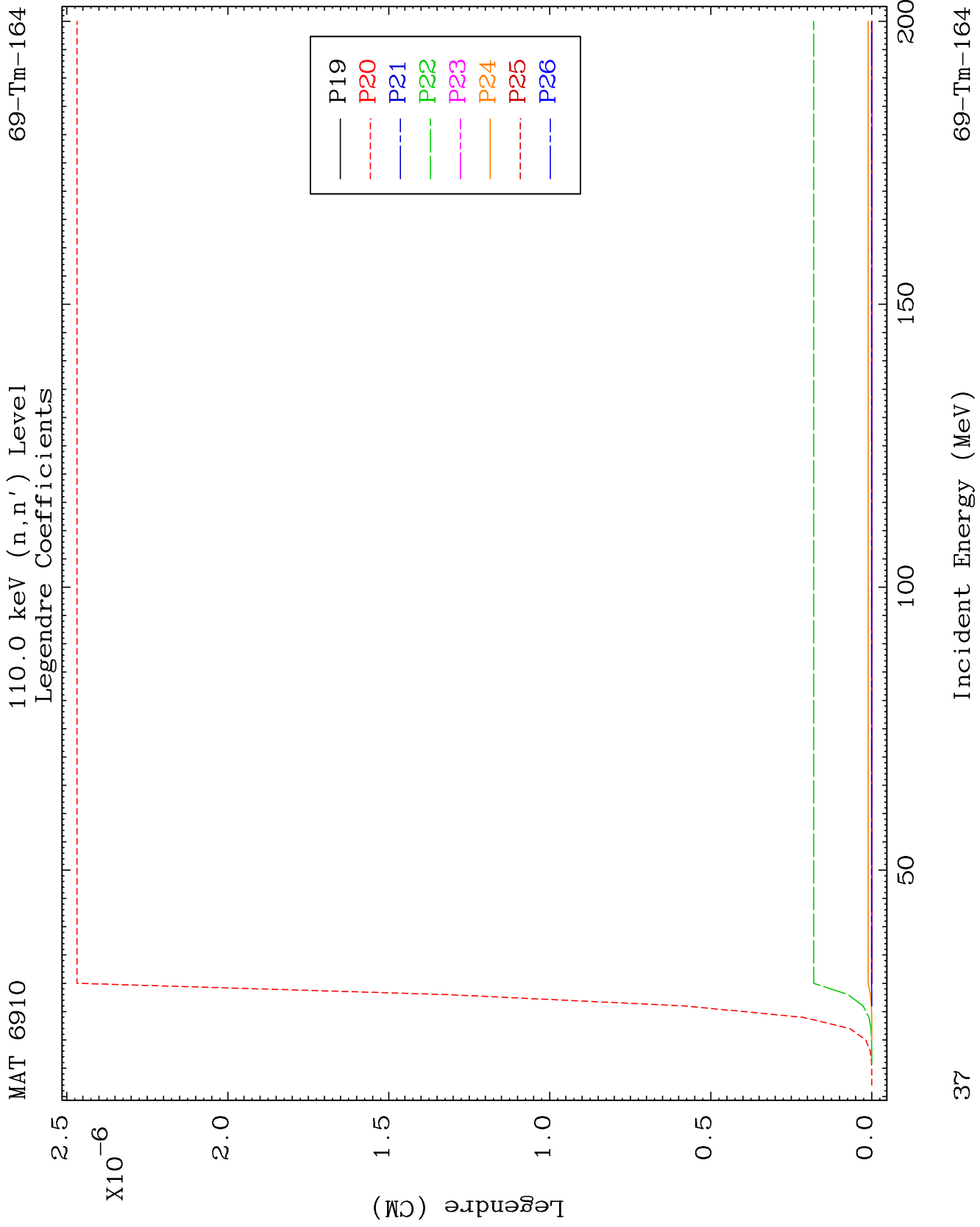








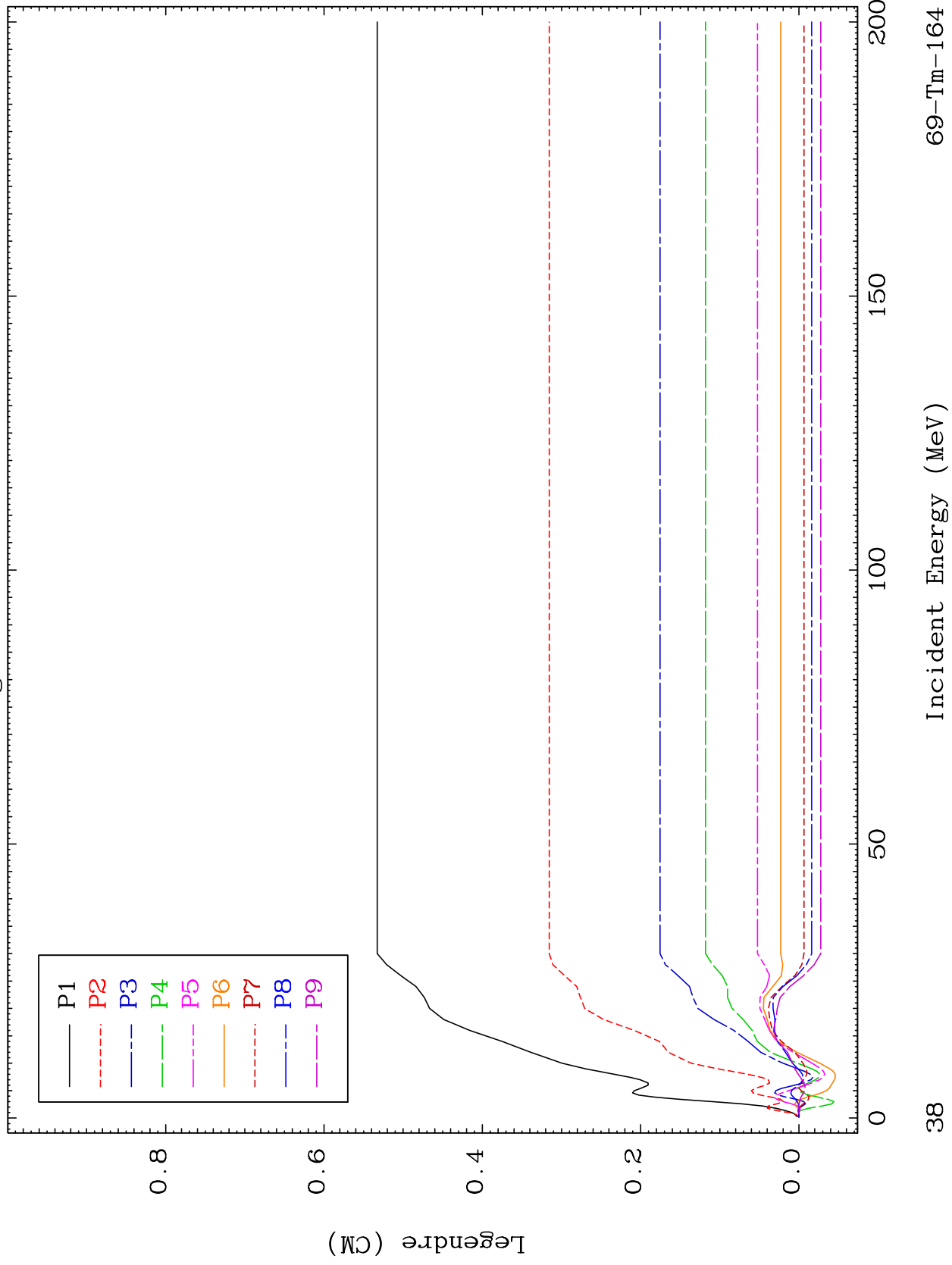




MAT 6910

115.6 keV (n, n') Level
Legendre Coefficients

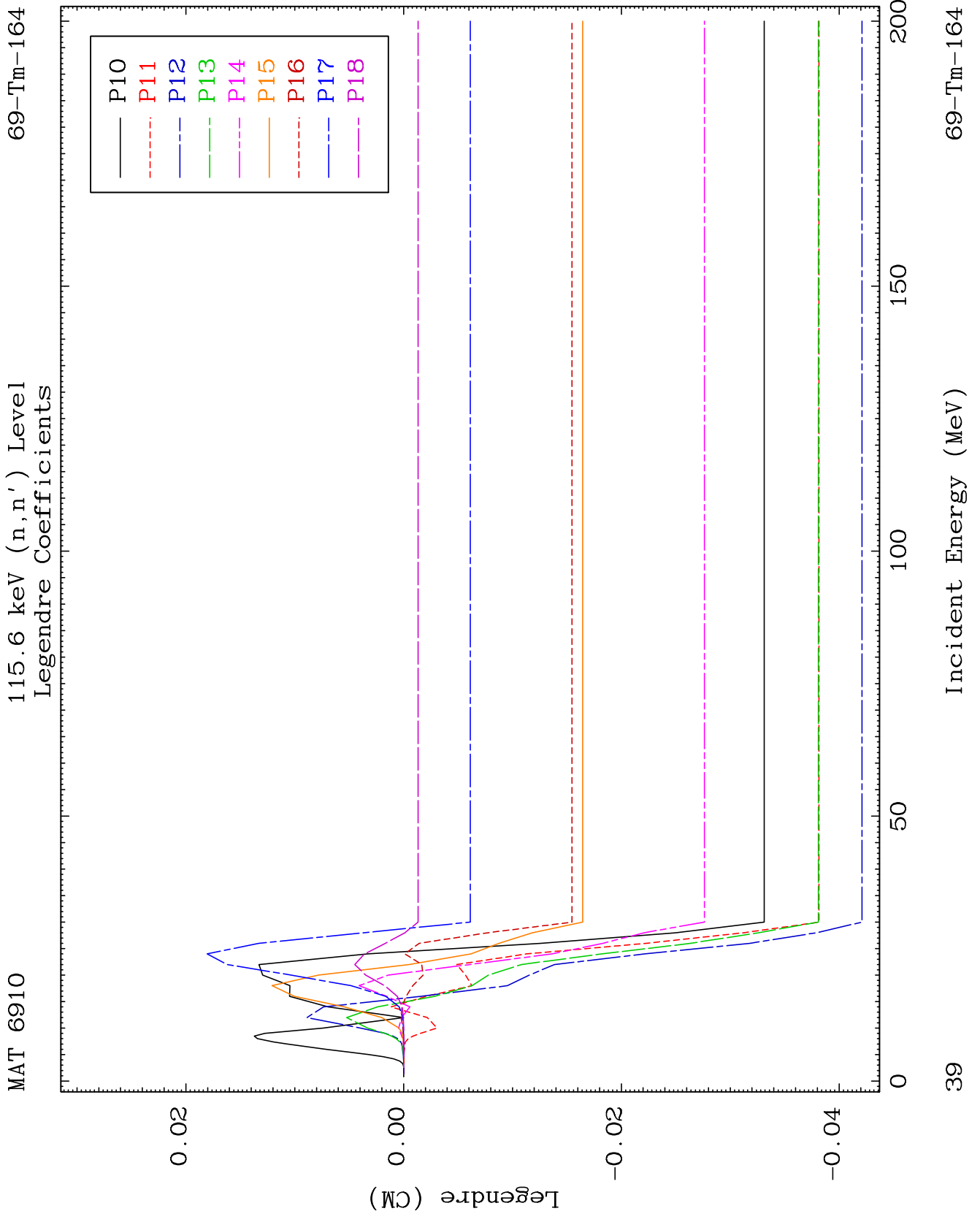
69-Tm-164

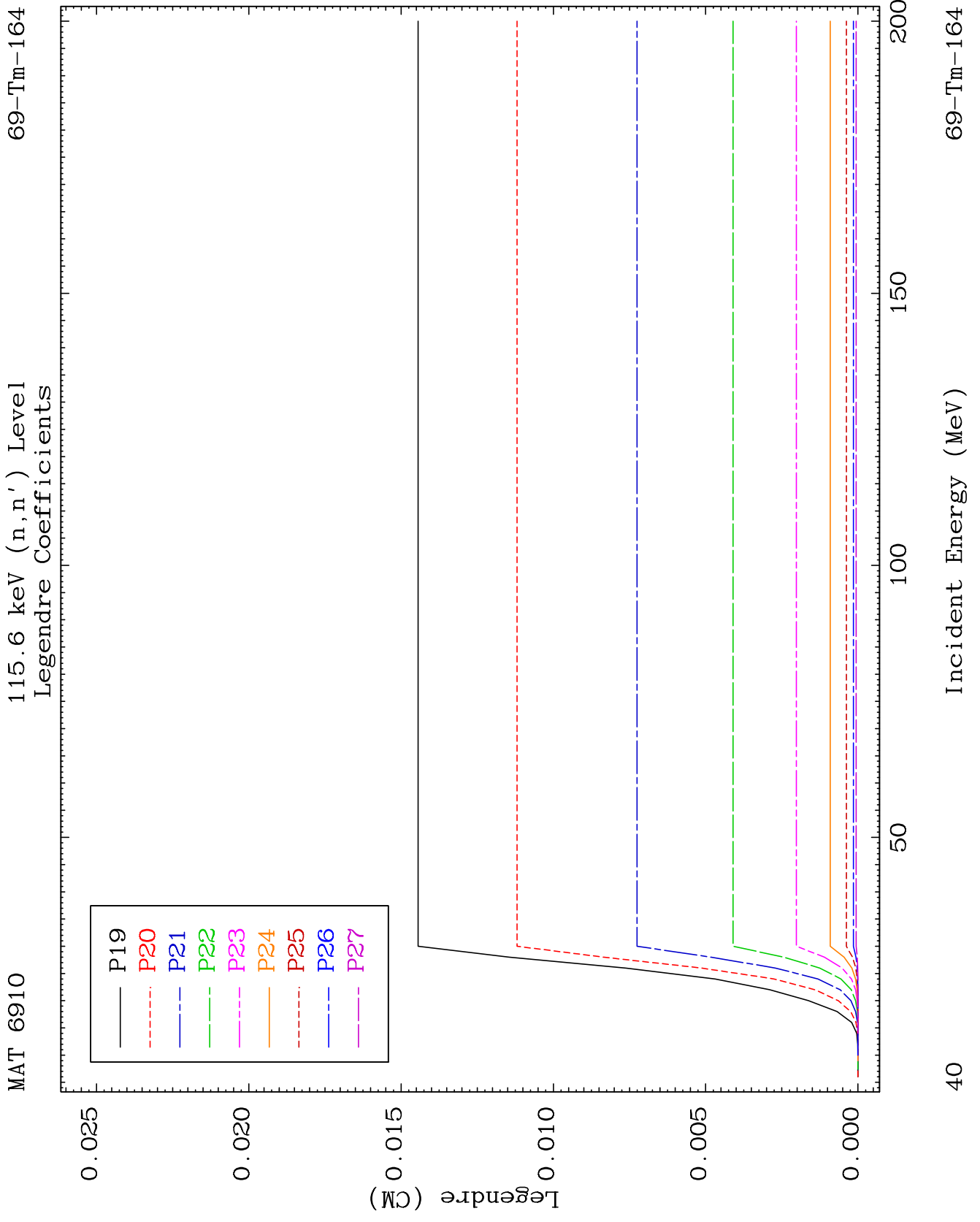


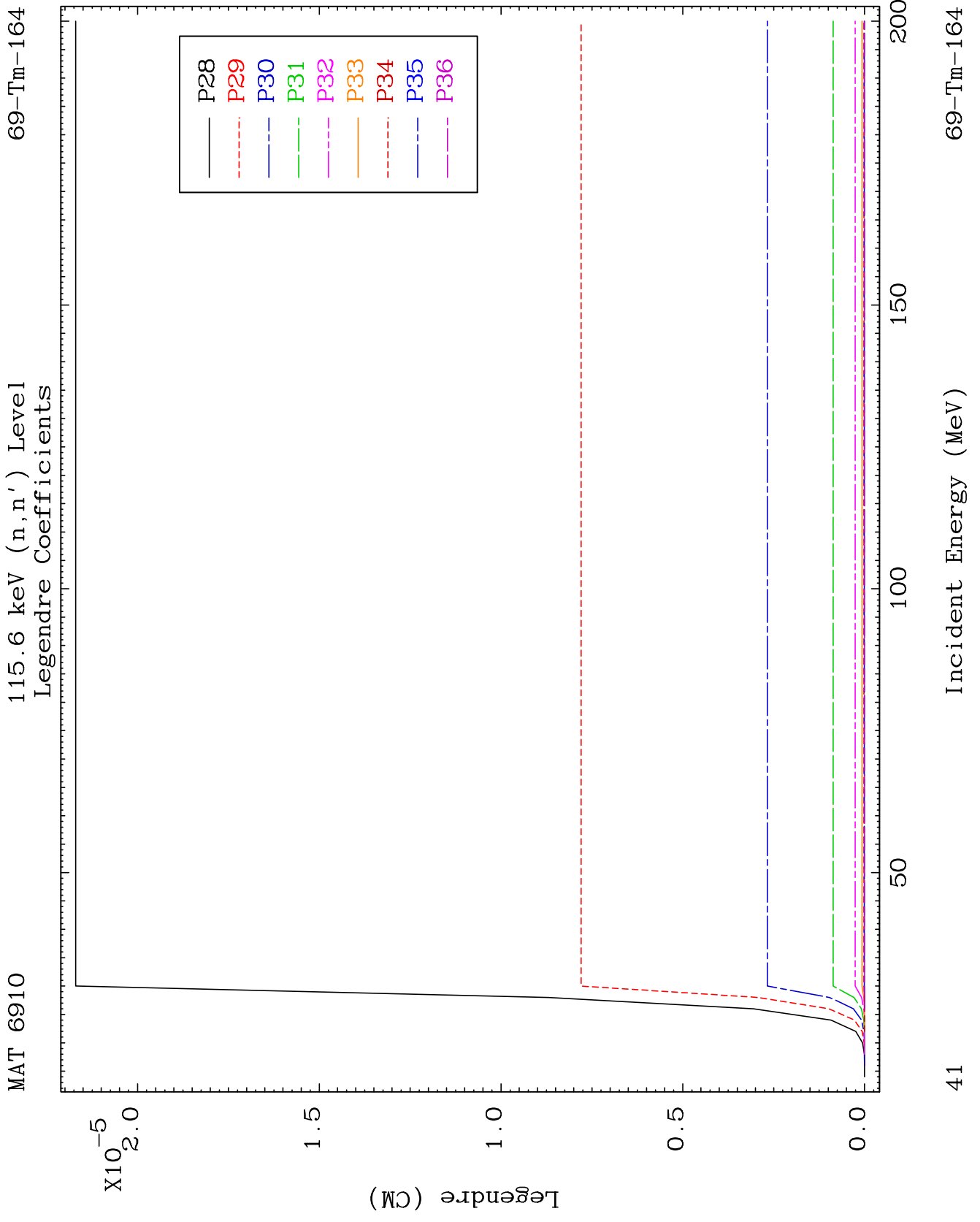
69-Tm-164

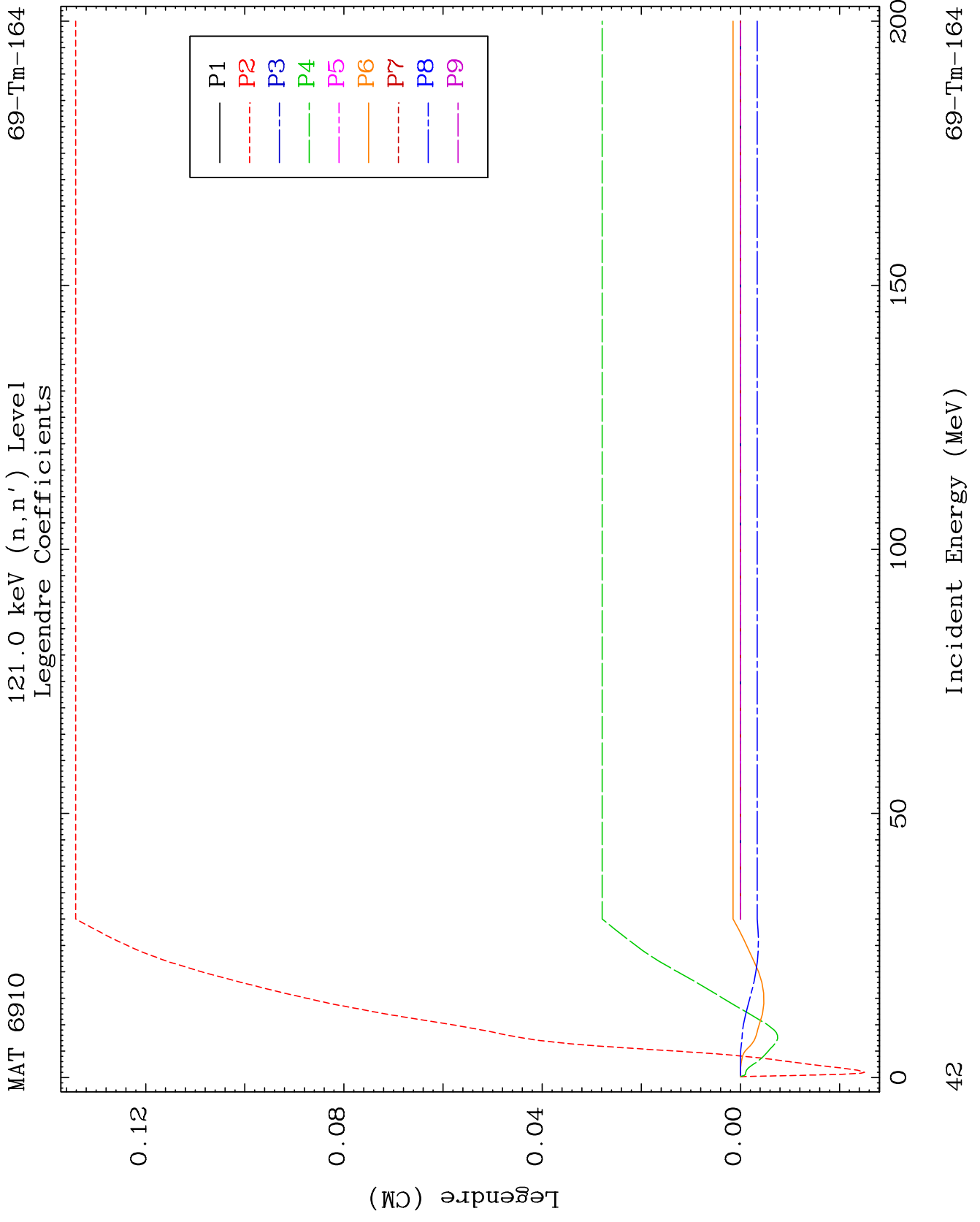
Incident Energy (MeV)

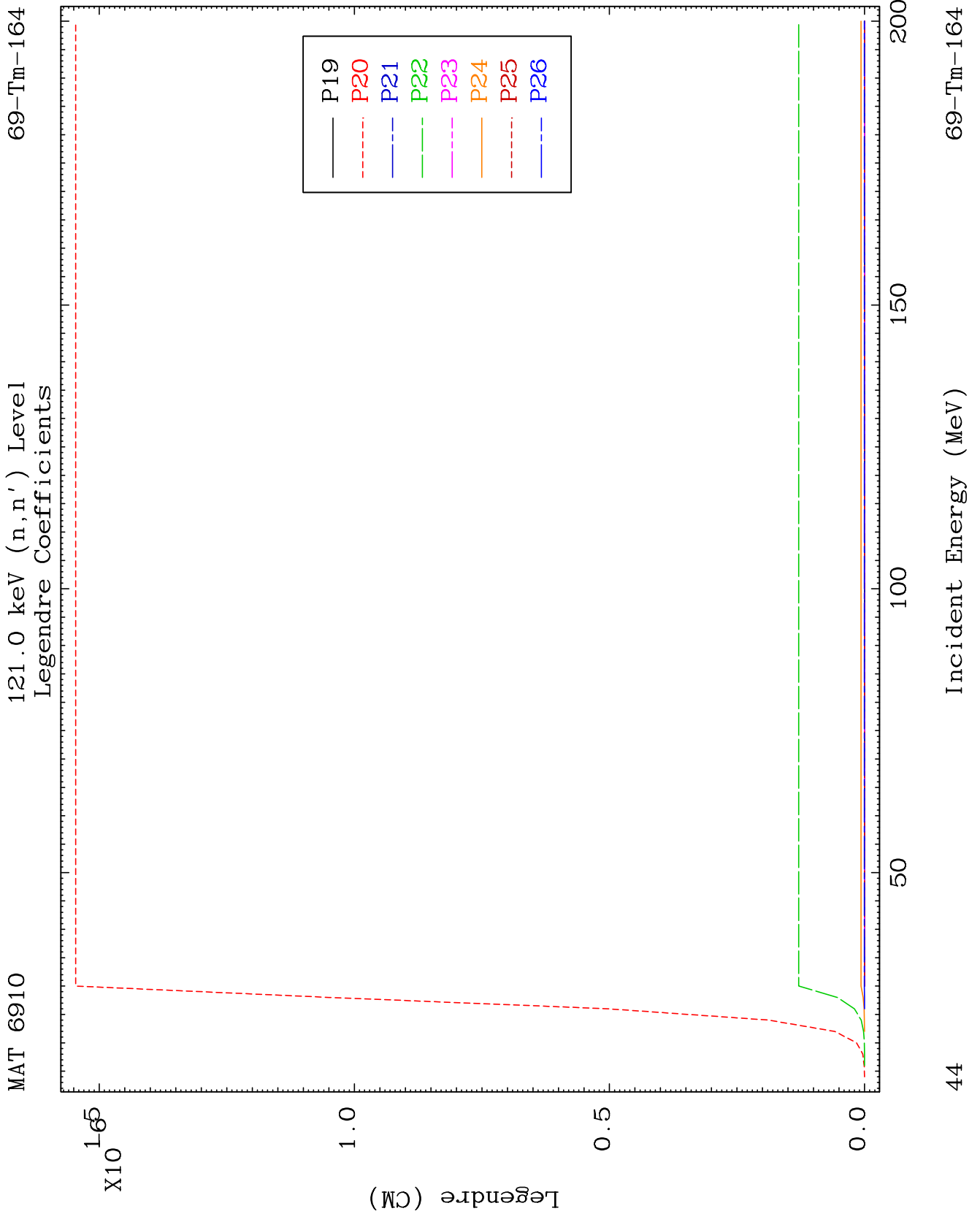
38

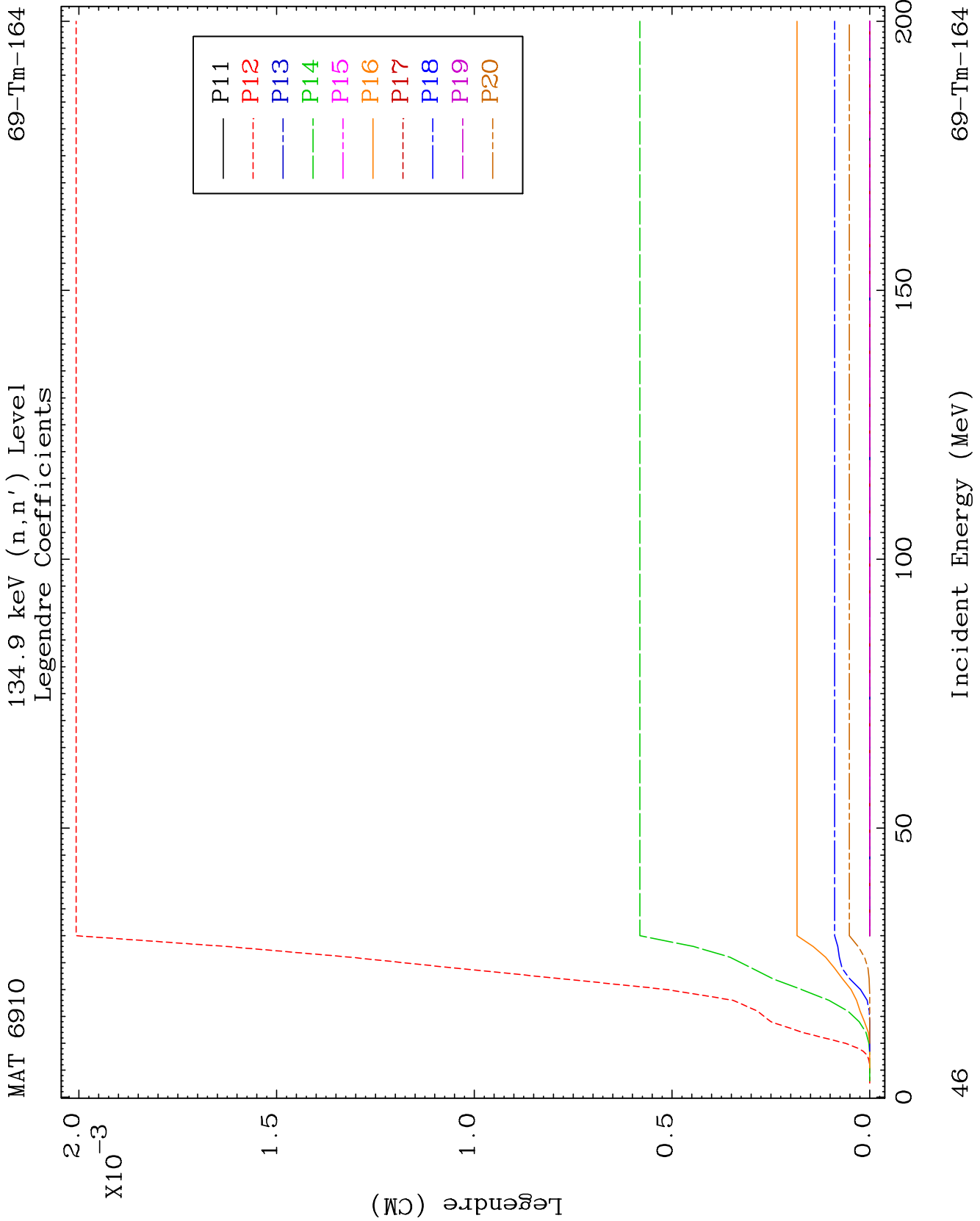


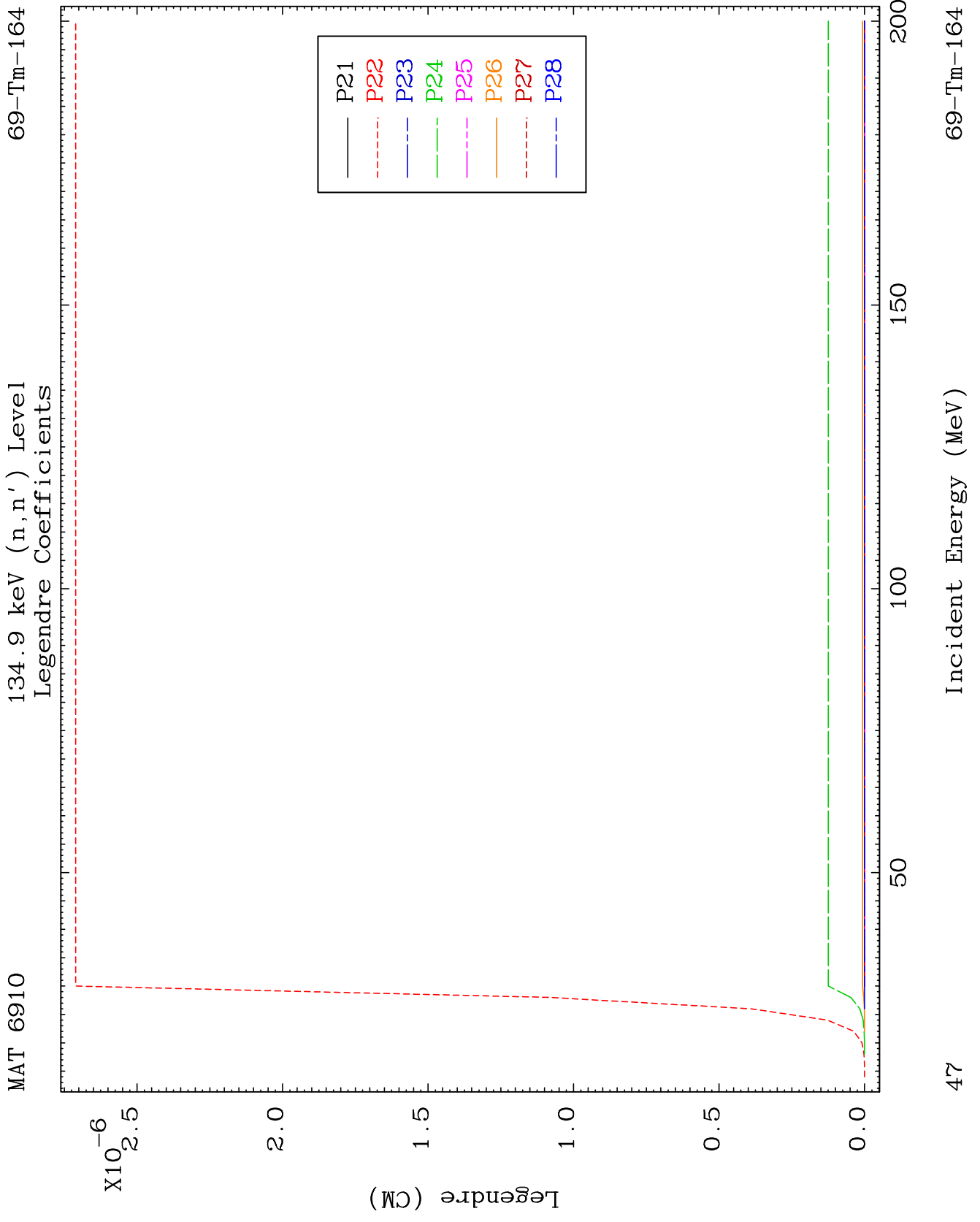


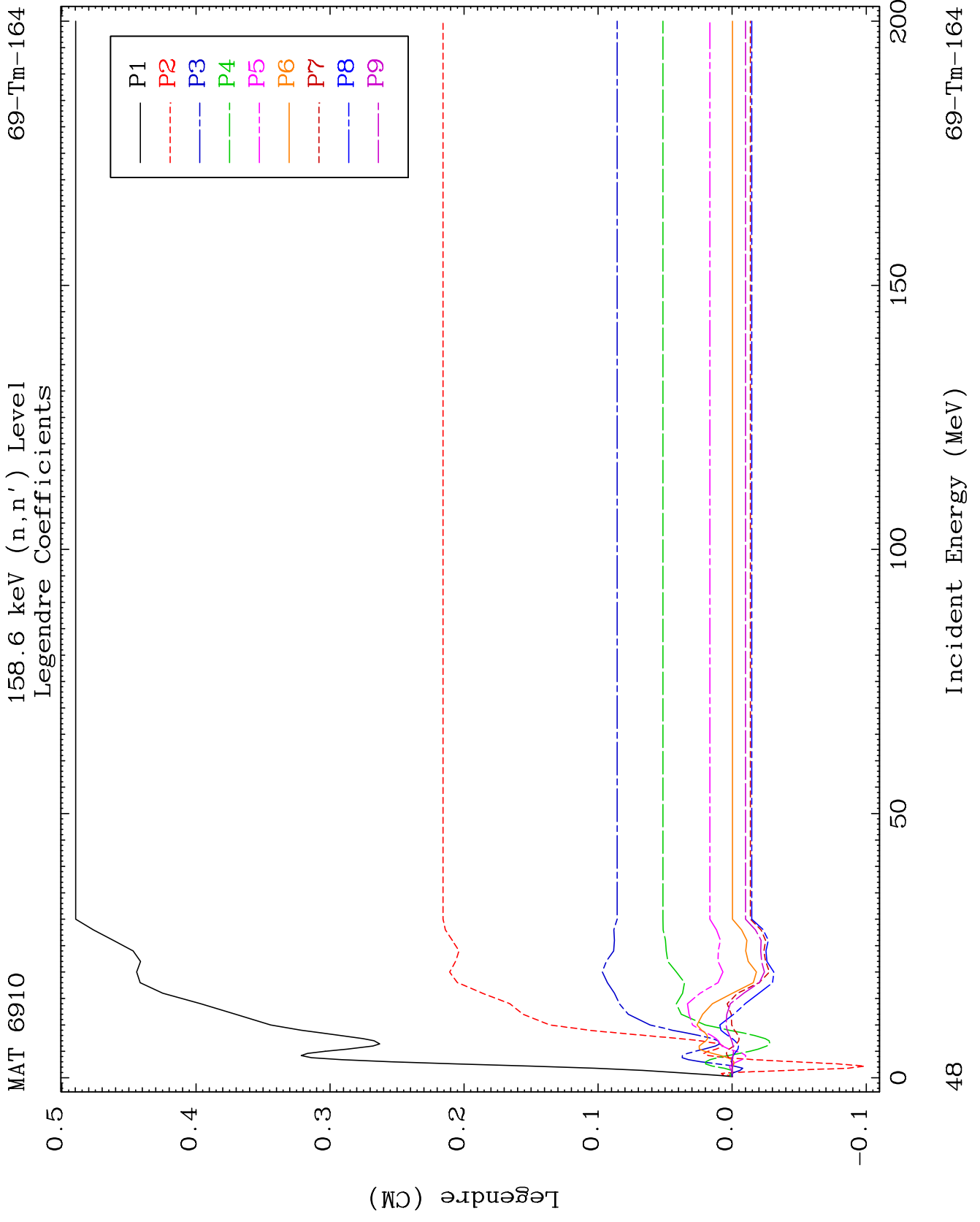








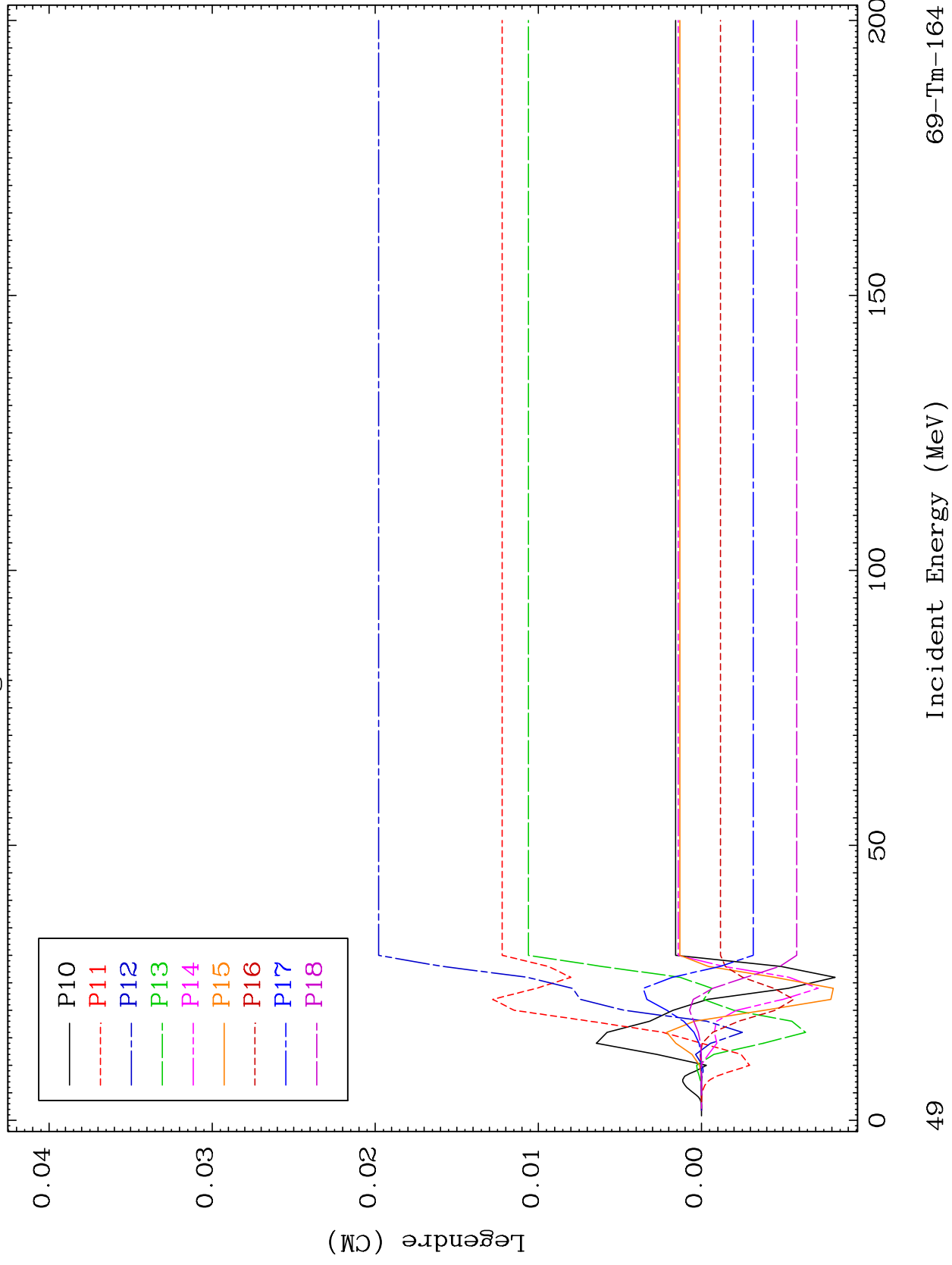




MAT 6910

158.6 keV (n,n') Level
Legendre Coefficients

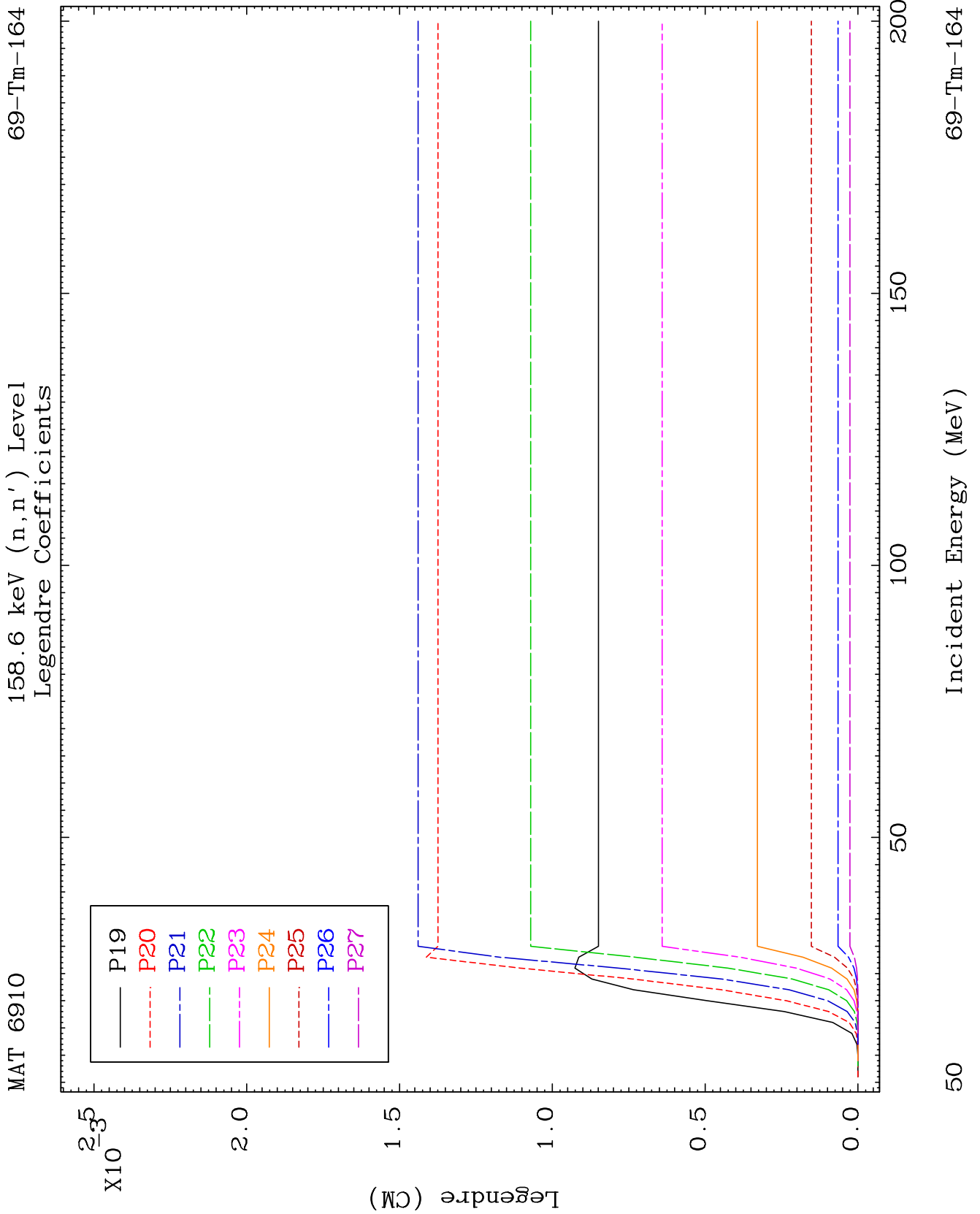
69-Tm-164

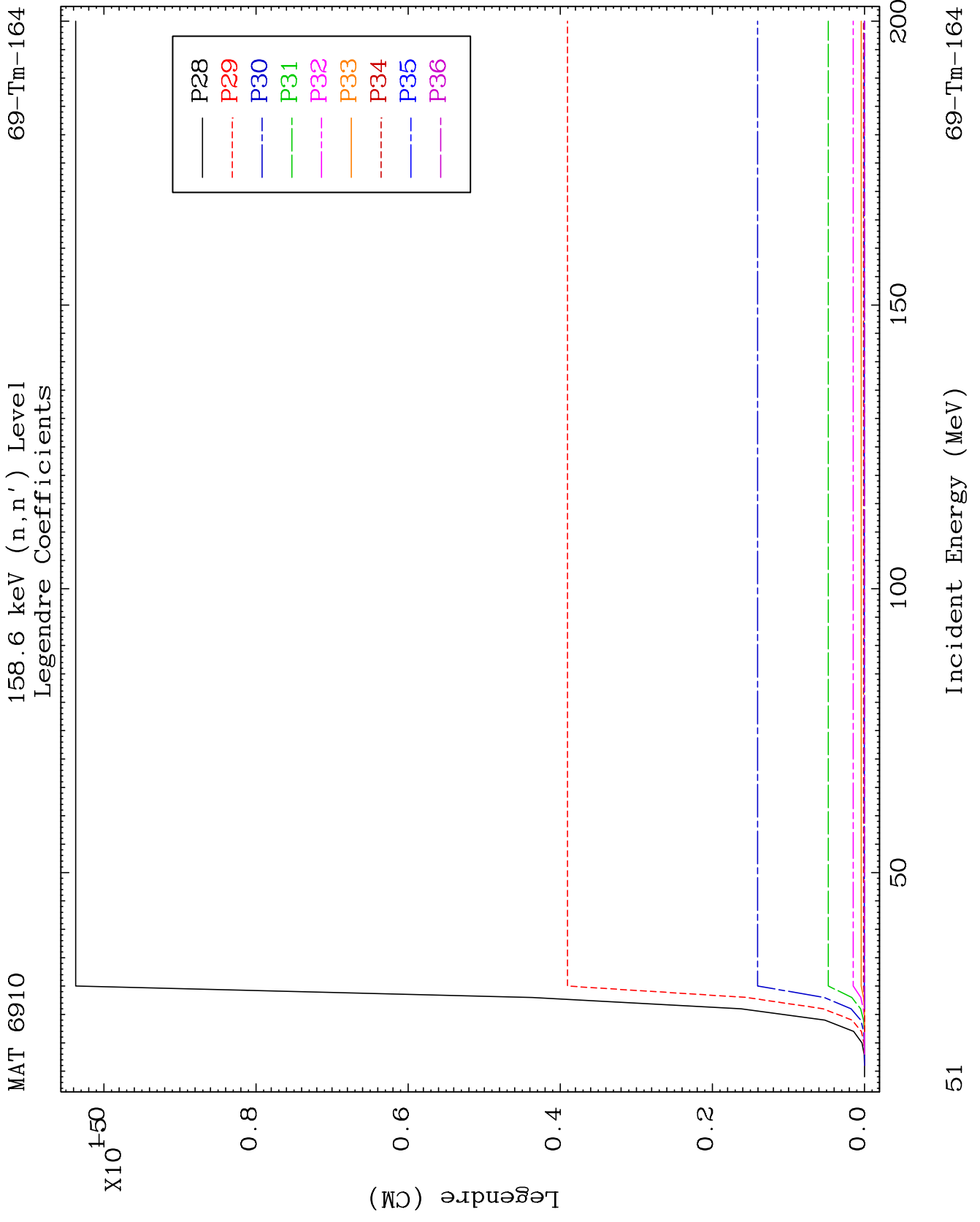


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Incident Energy (MeV)

69-Tm-164

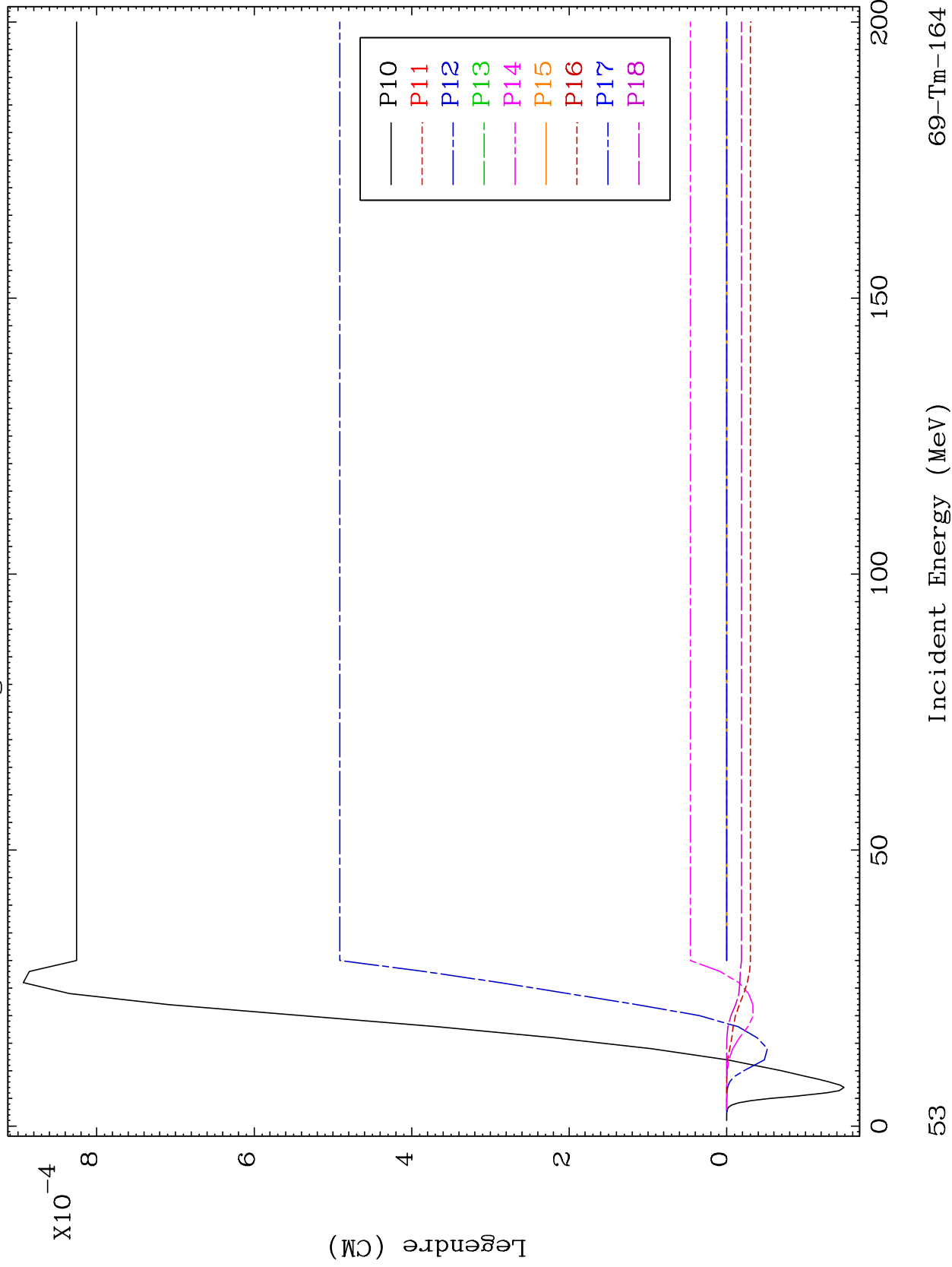




MAT 6910

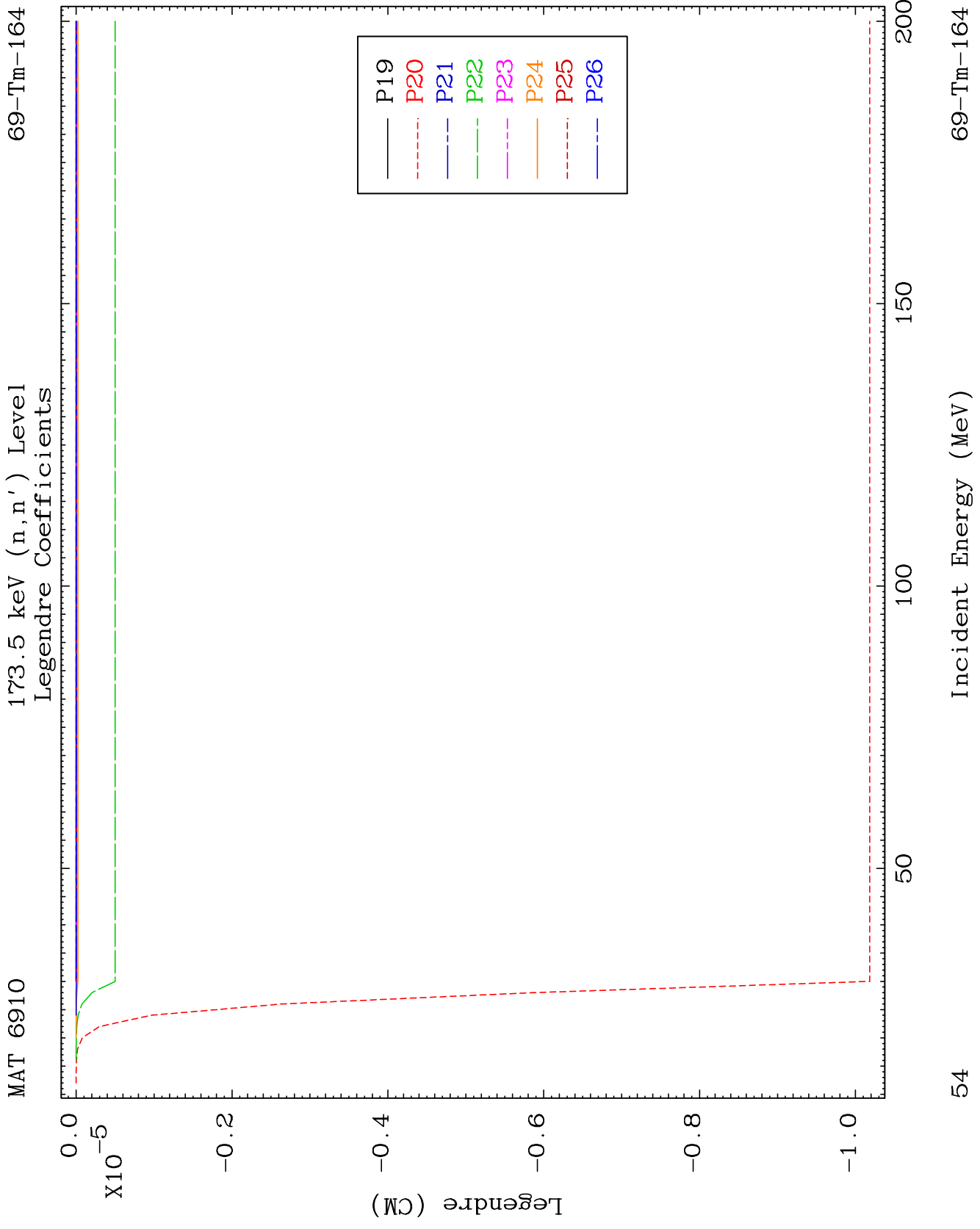
173.5 keV (n,n') Level
Legendre Coefficients

69-Tm-164



53

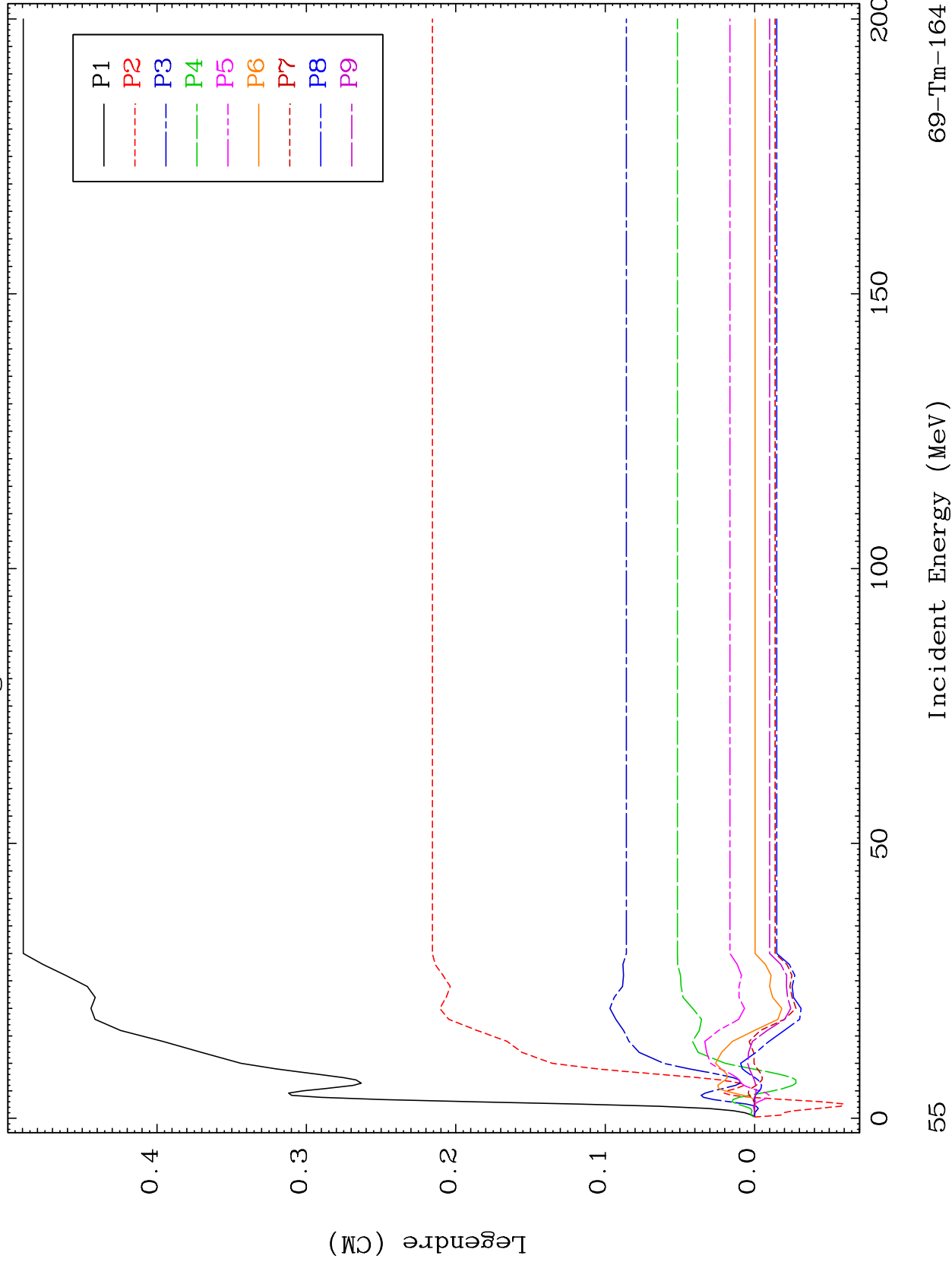
69-Tm-164



MAT 6910

225.8 keV (n, n') Level
Legendre Coefficients

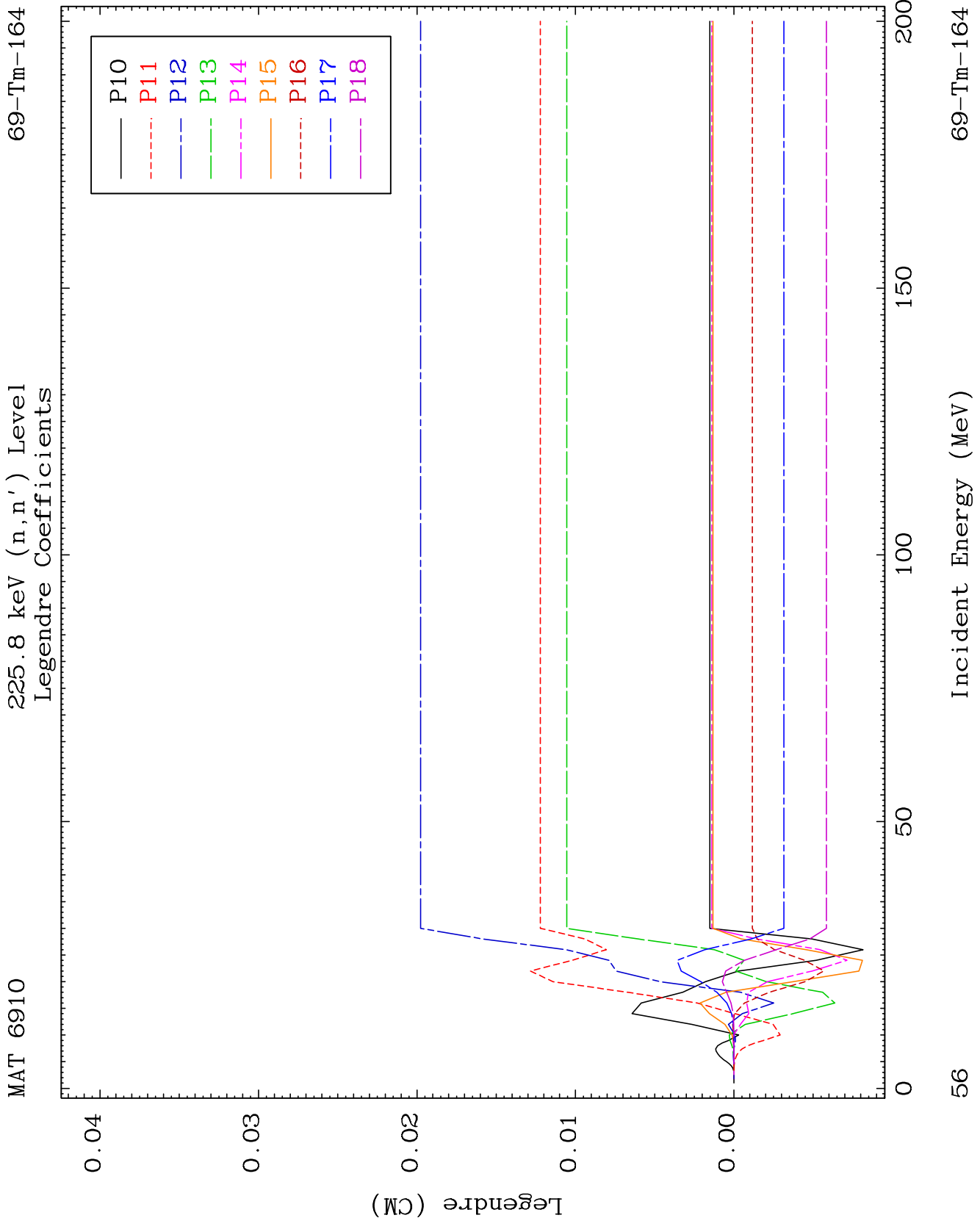
69-Tm-164

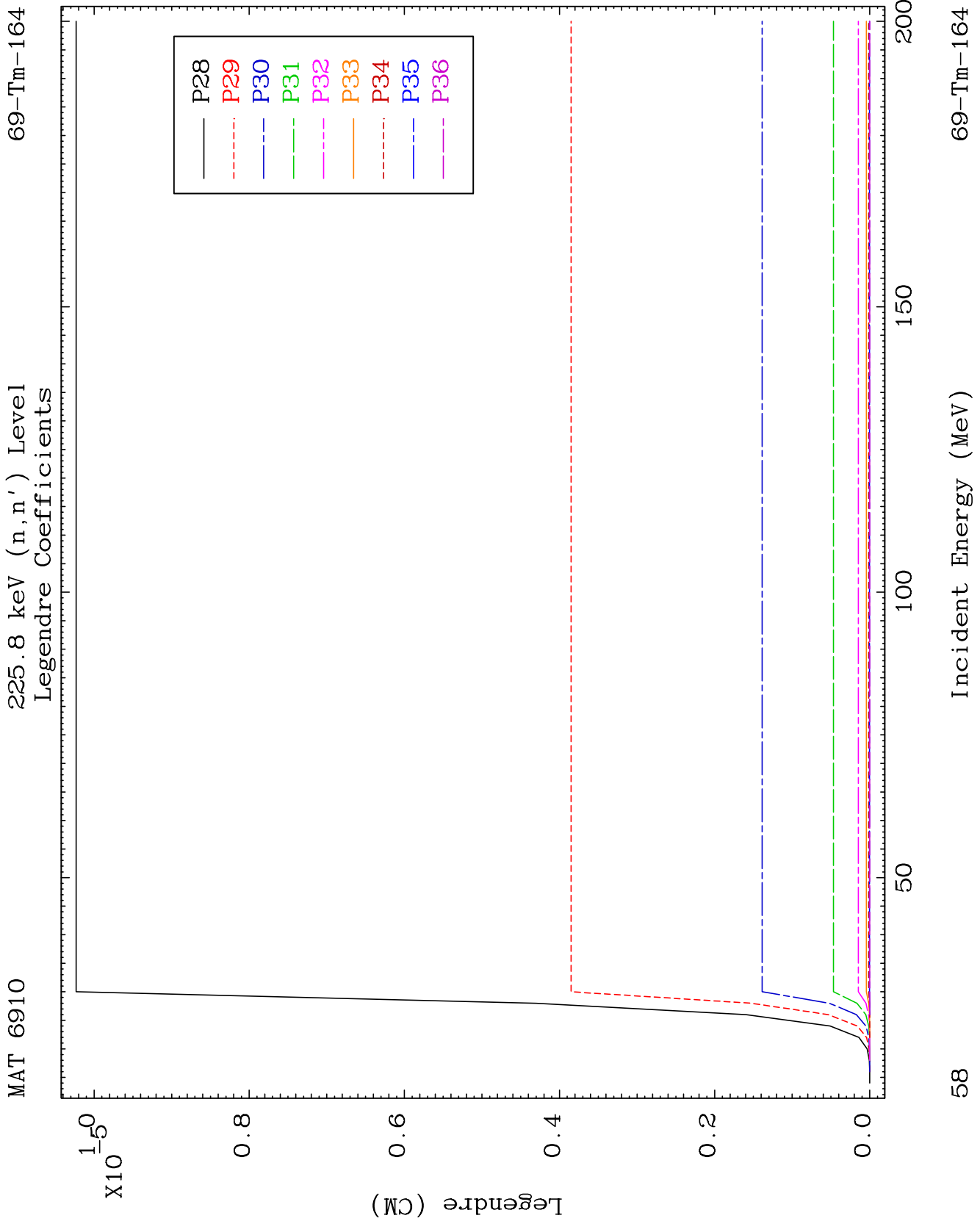


69-Tm-164

Incident Energy (MeV)

55

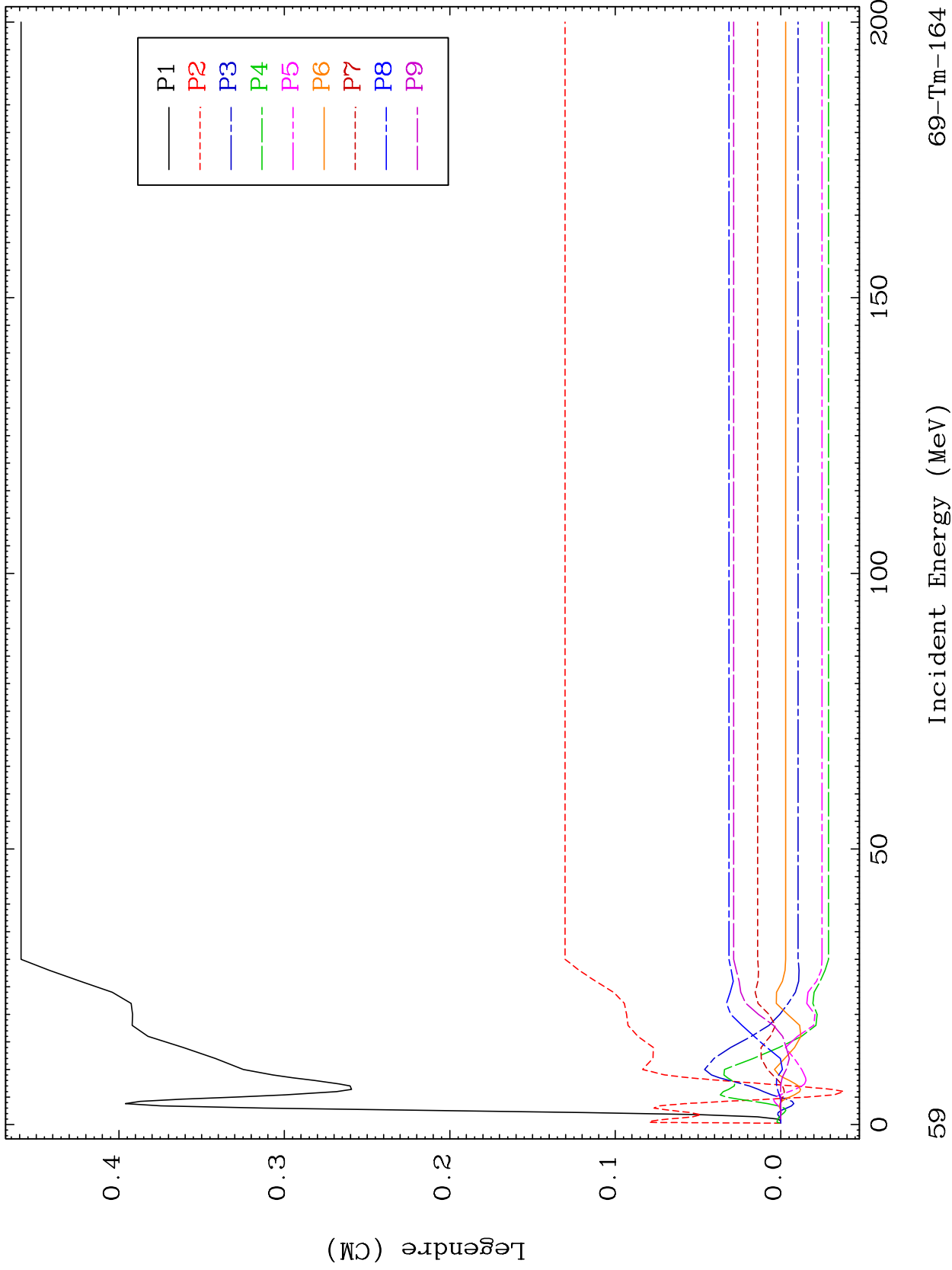




MAT 6910

253.9 keV (n,n') Level
Legendre Coefficients

69-Tm-164



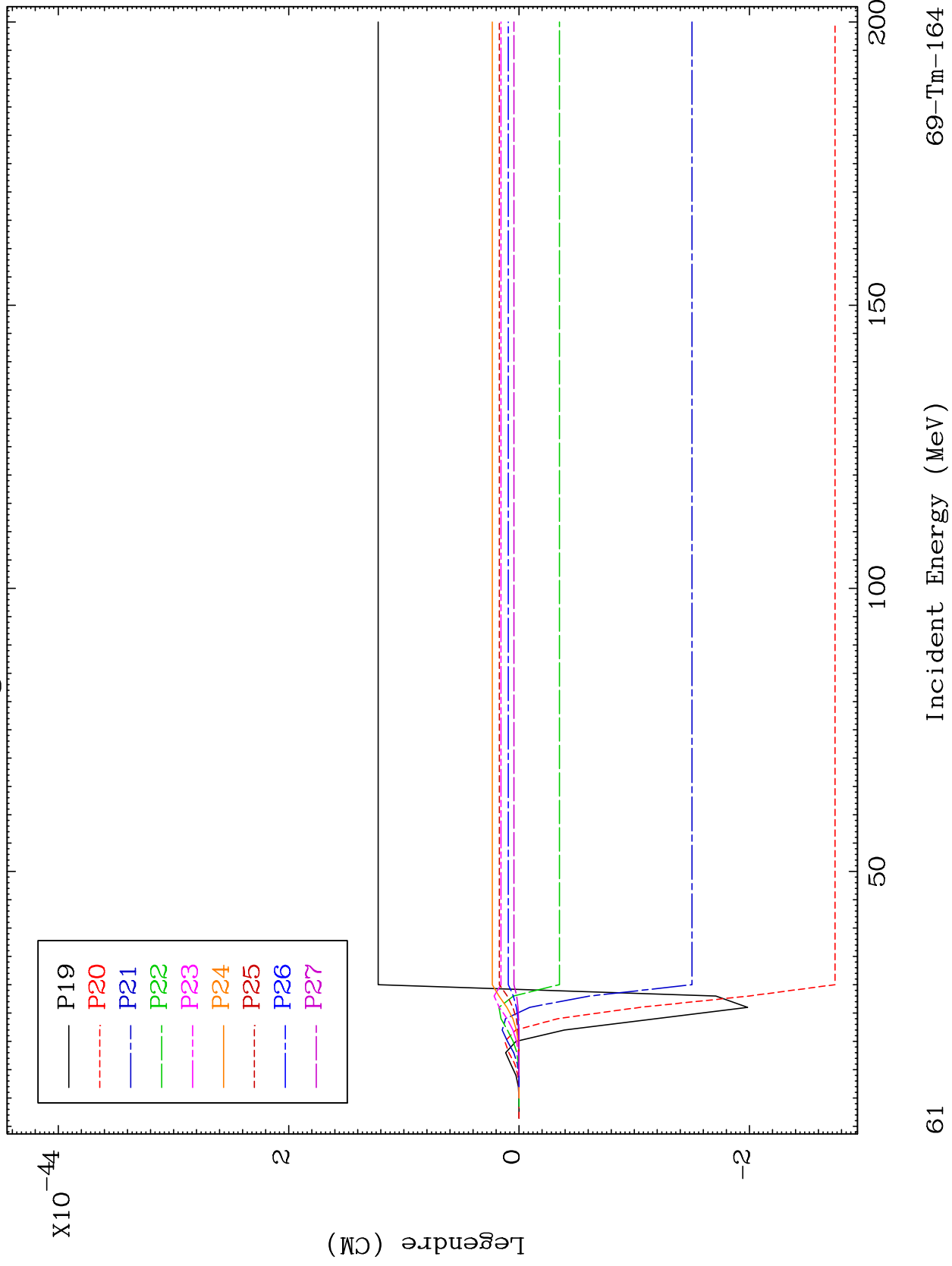
59

69-Tm-164

MAT 6910

253.9 keV (n,n') Level
Legendre Coefficients

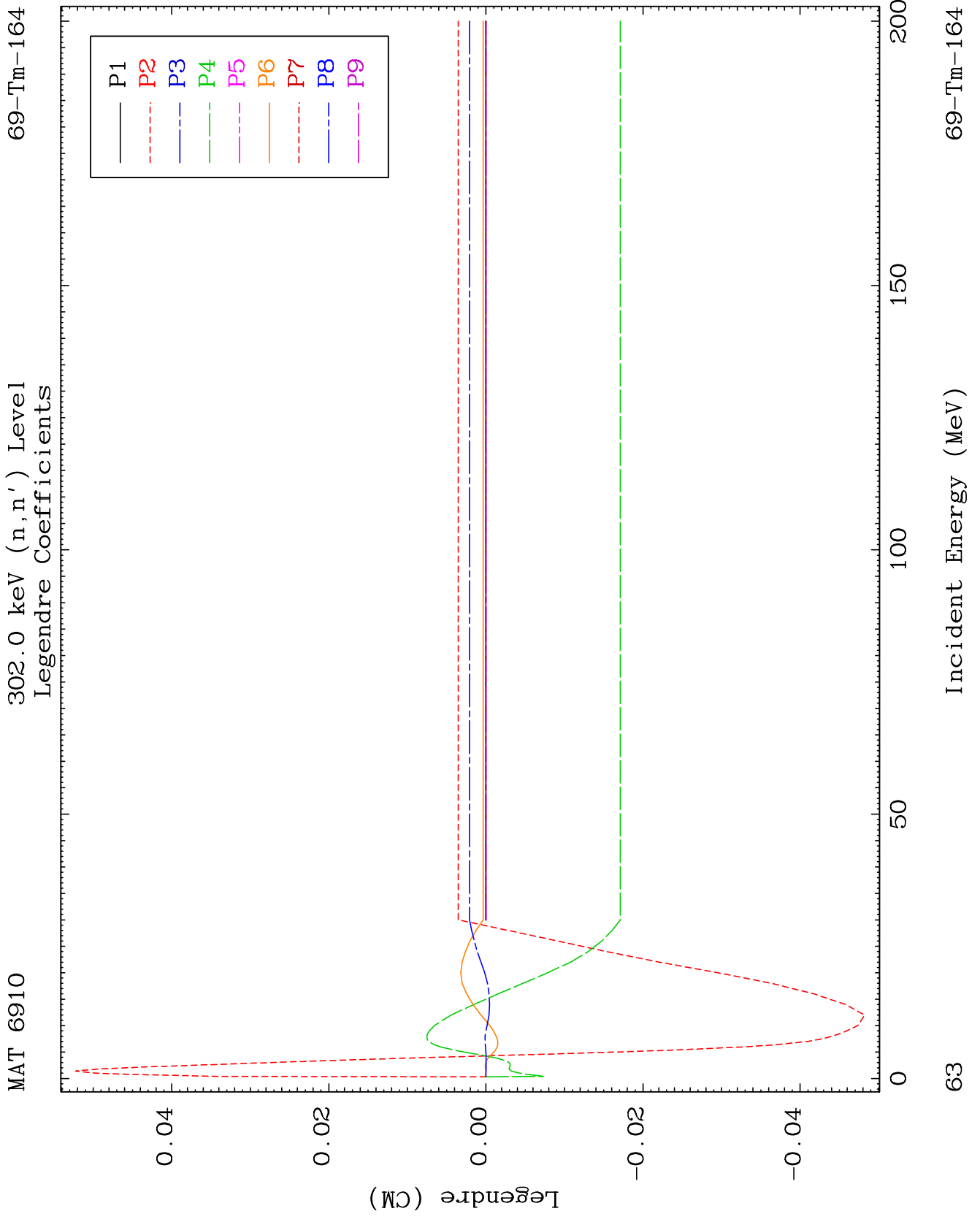
69-Tm-164

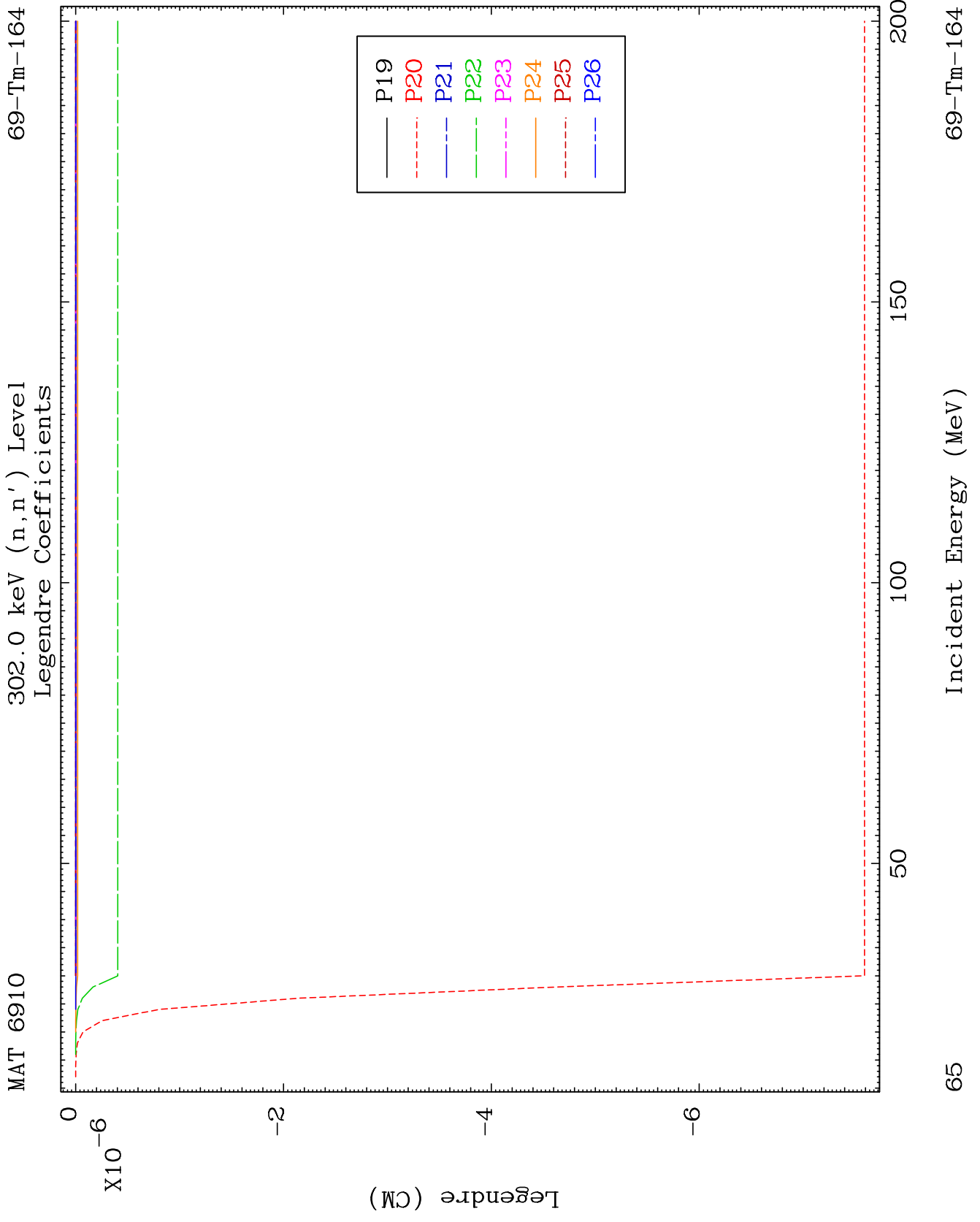


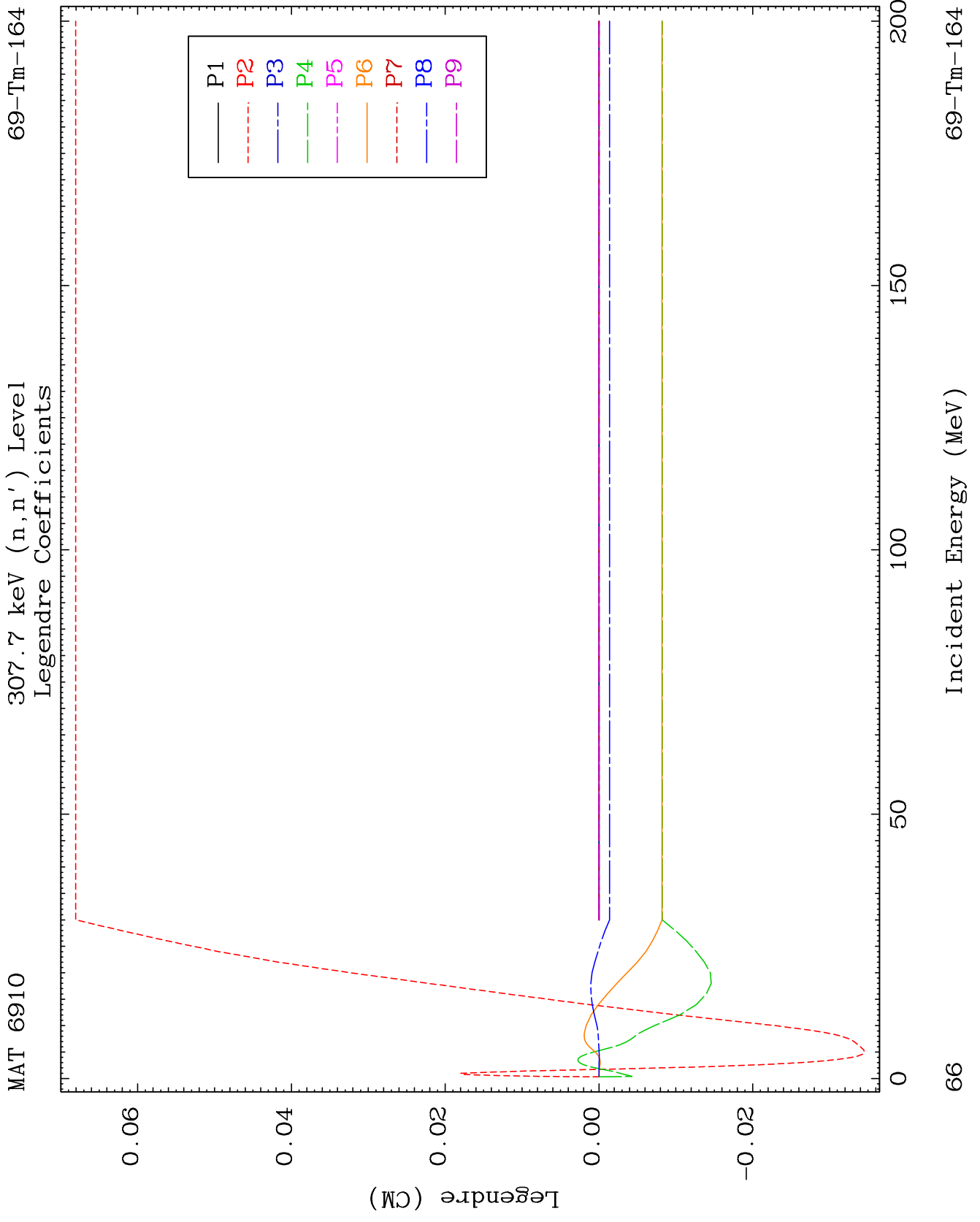
61

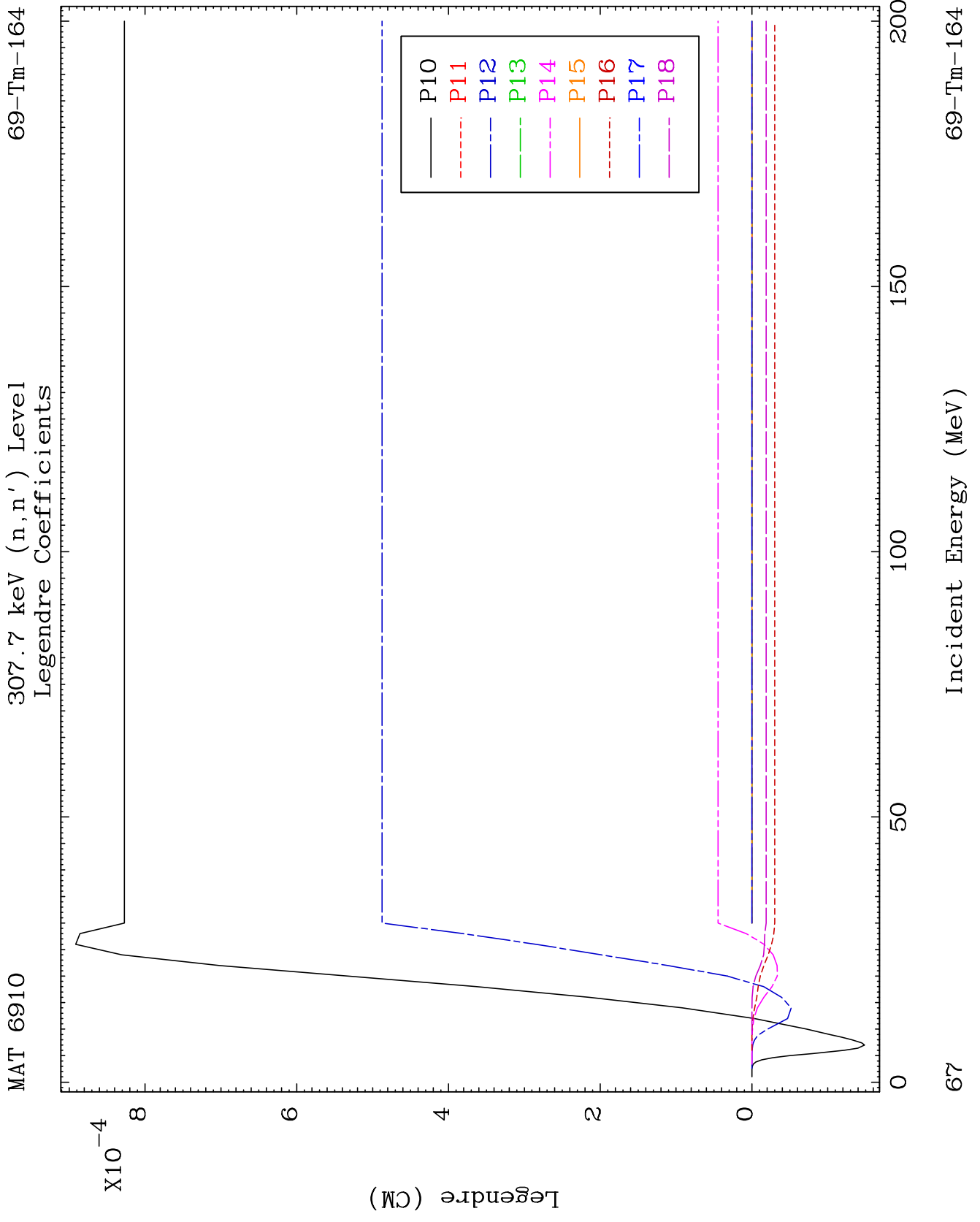
Incident Energy (MeV)

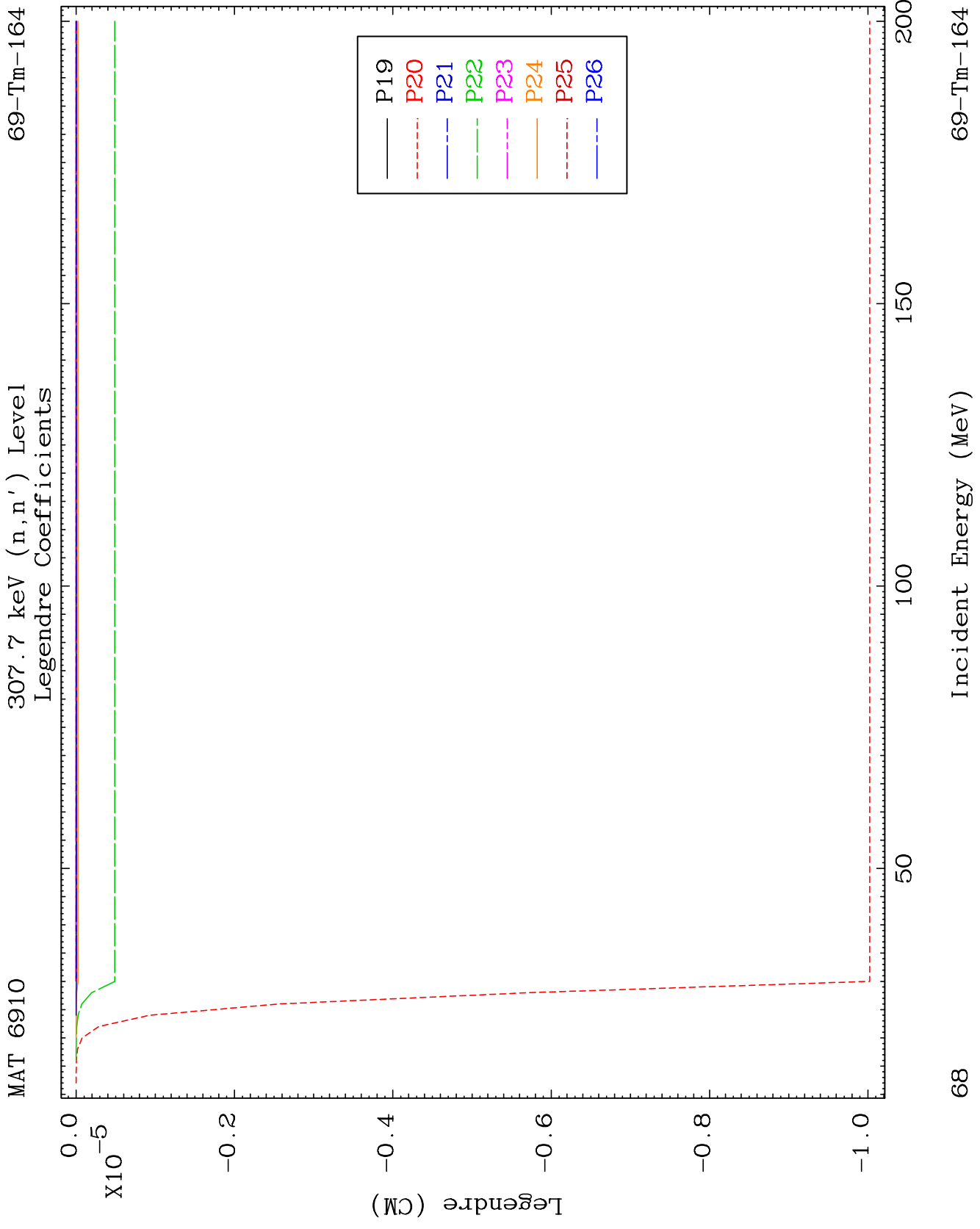
69-Tm-164







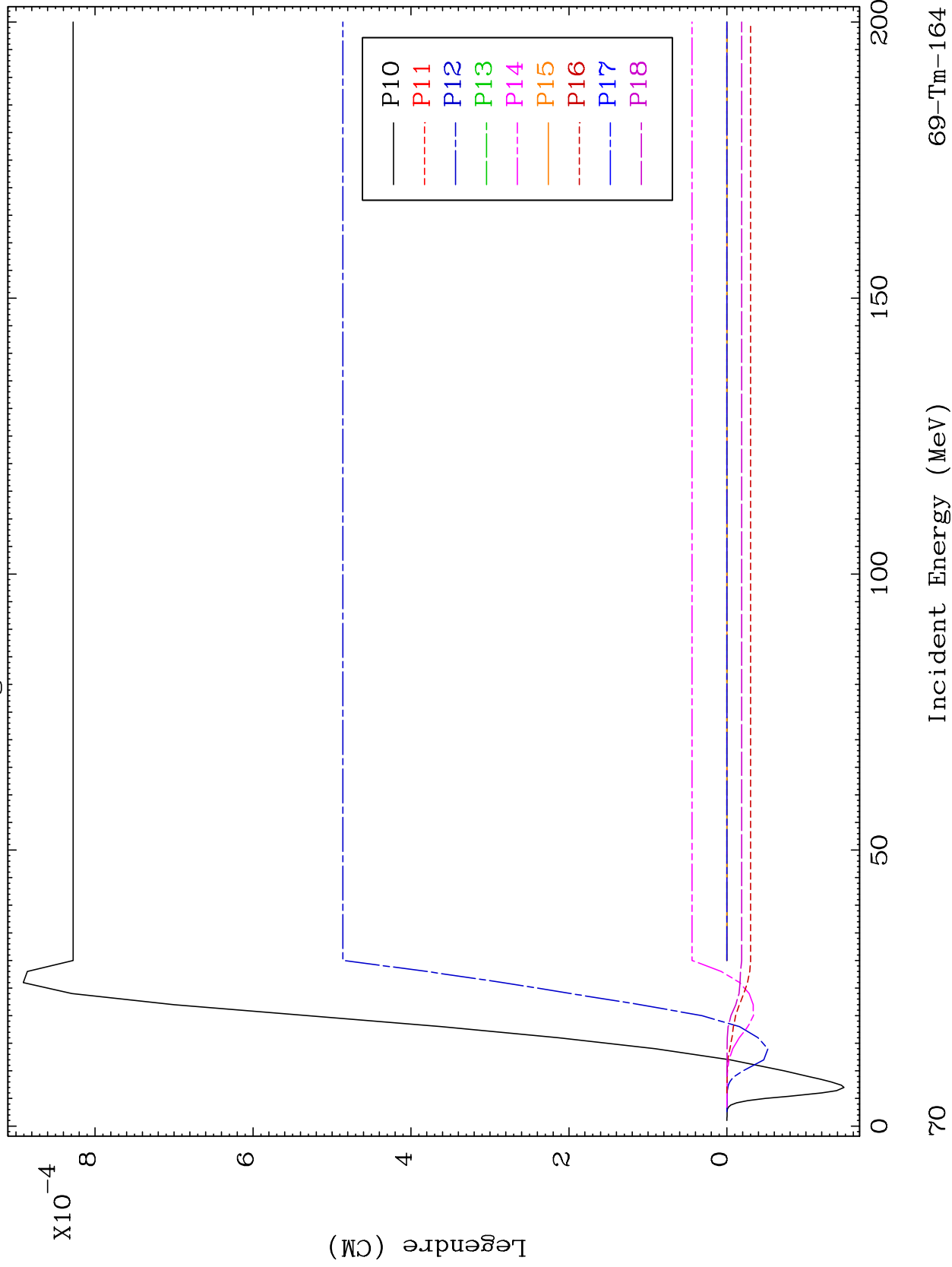




MAT 6910

347.1 keV (n,n') Level
Legendre Coefficients

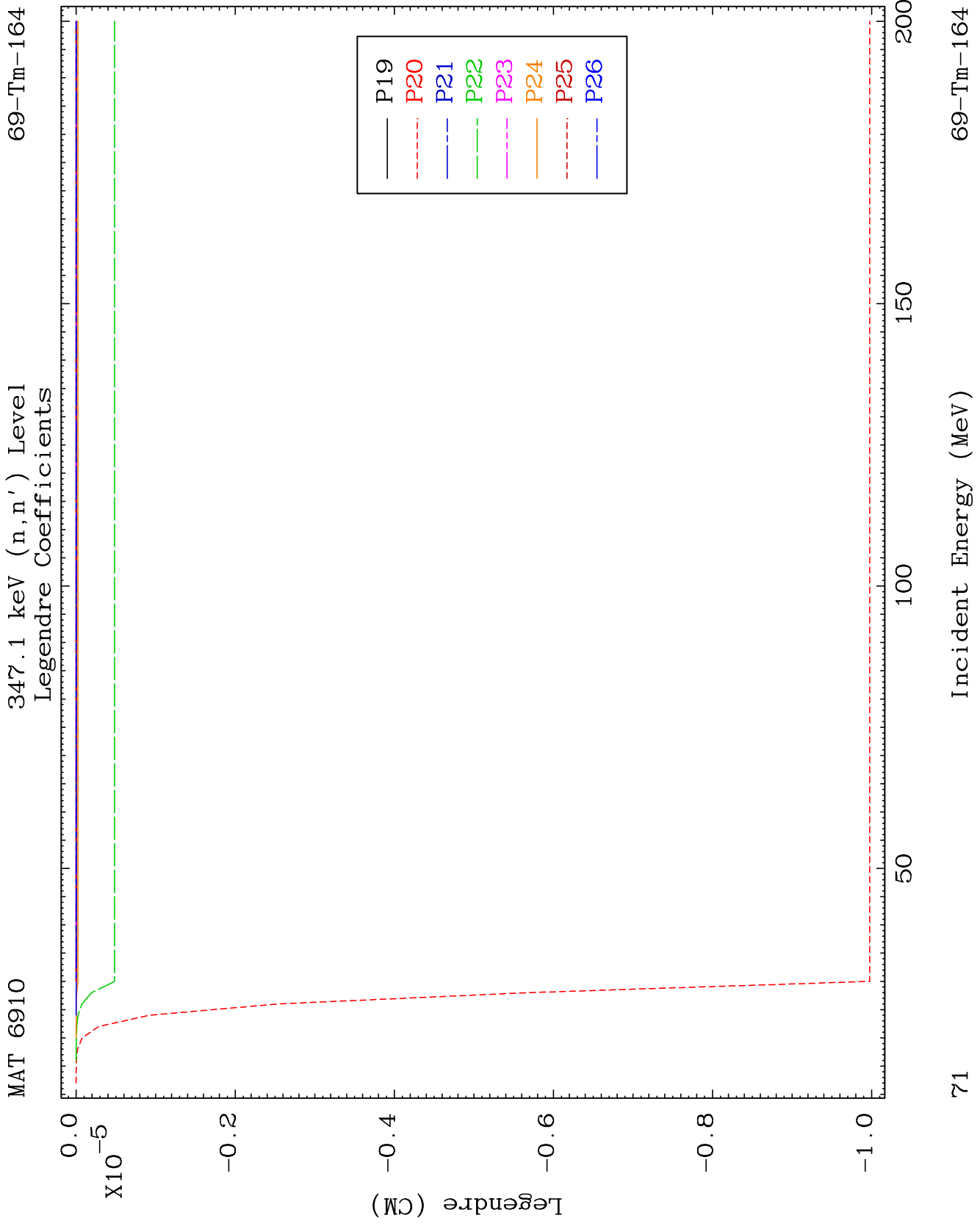
69-Tm-164

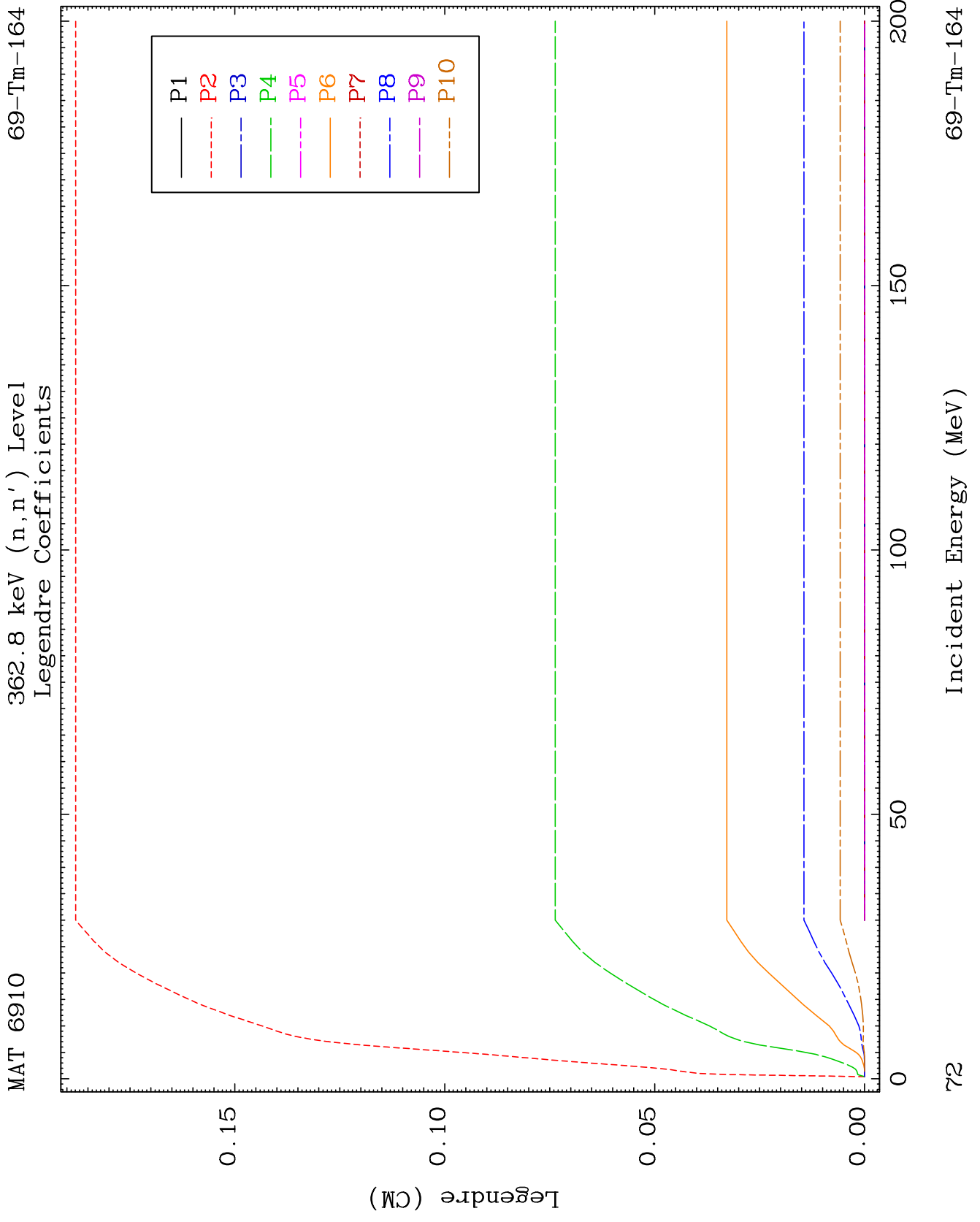


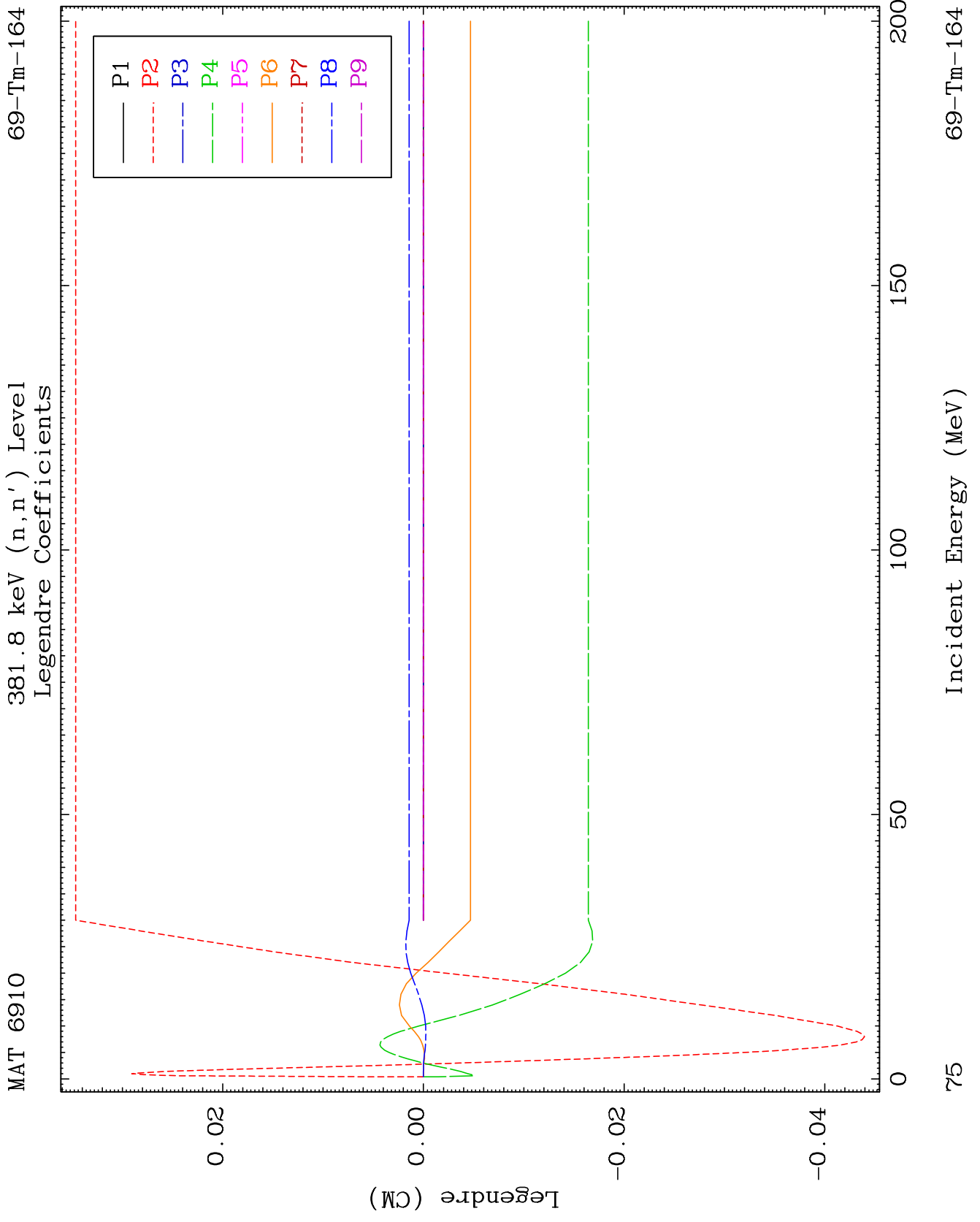
69-Tm-164

Incident Energy (MeV)

70



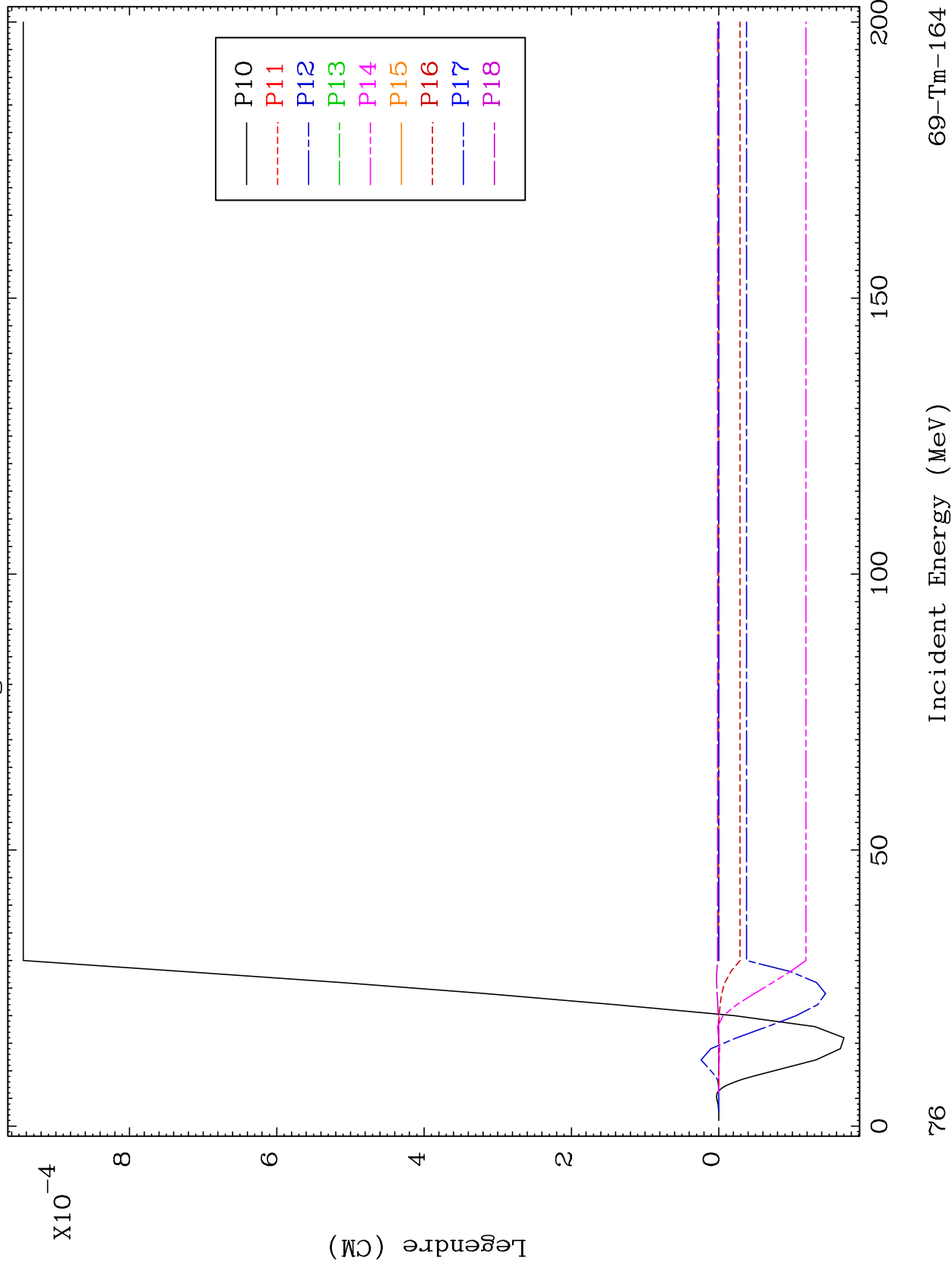


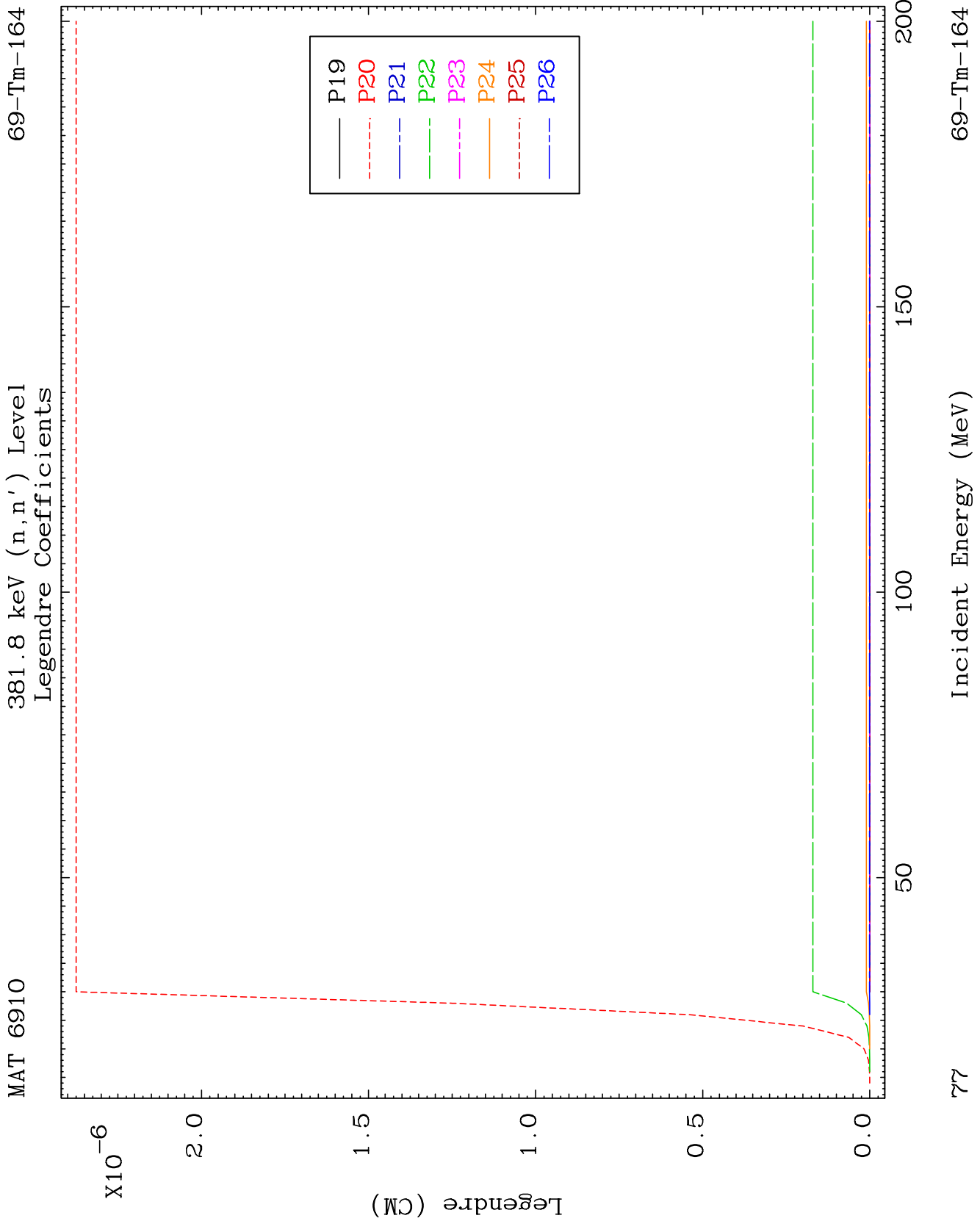


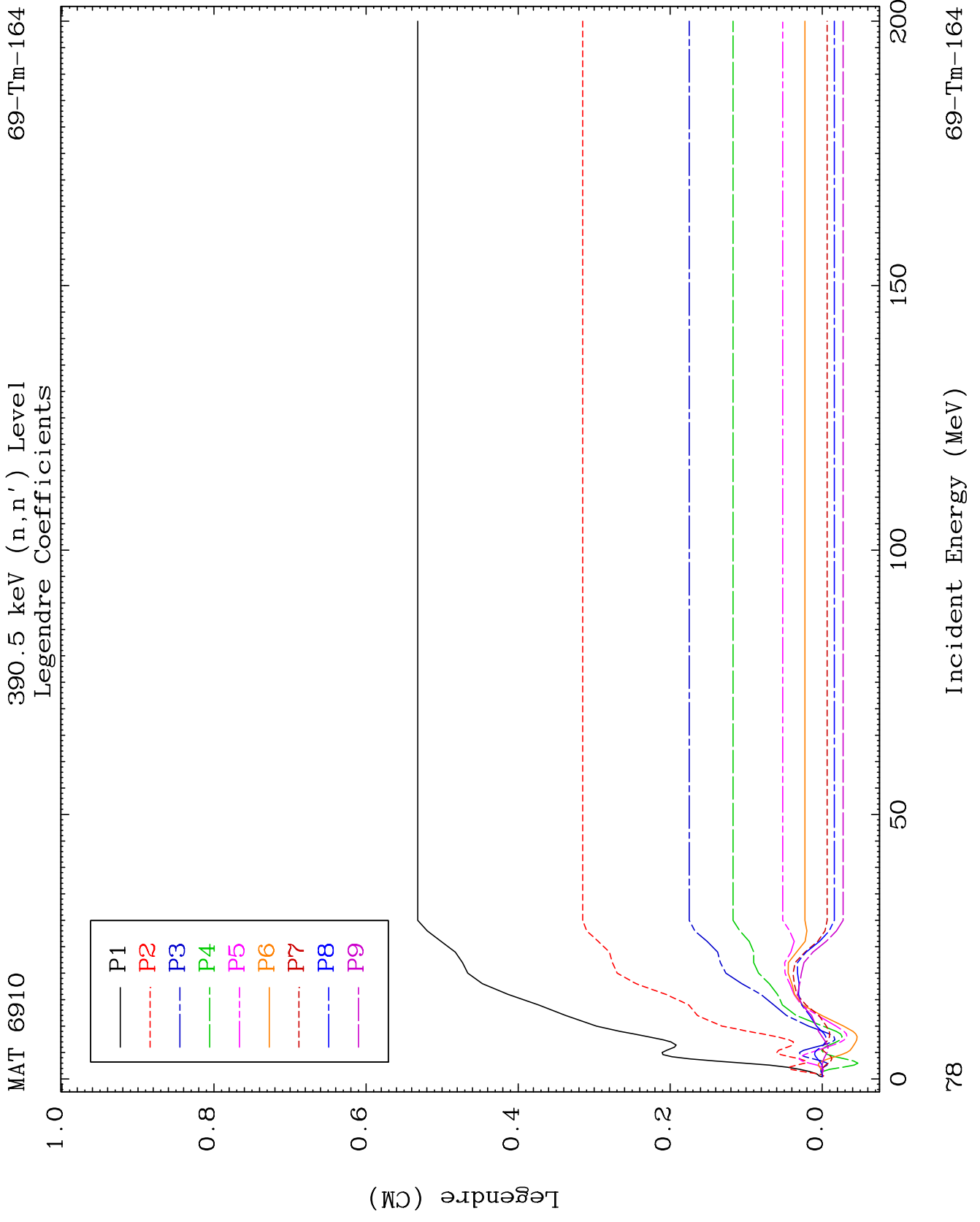
MAT 6910

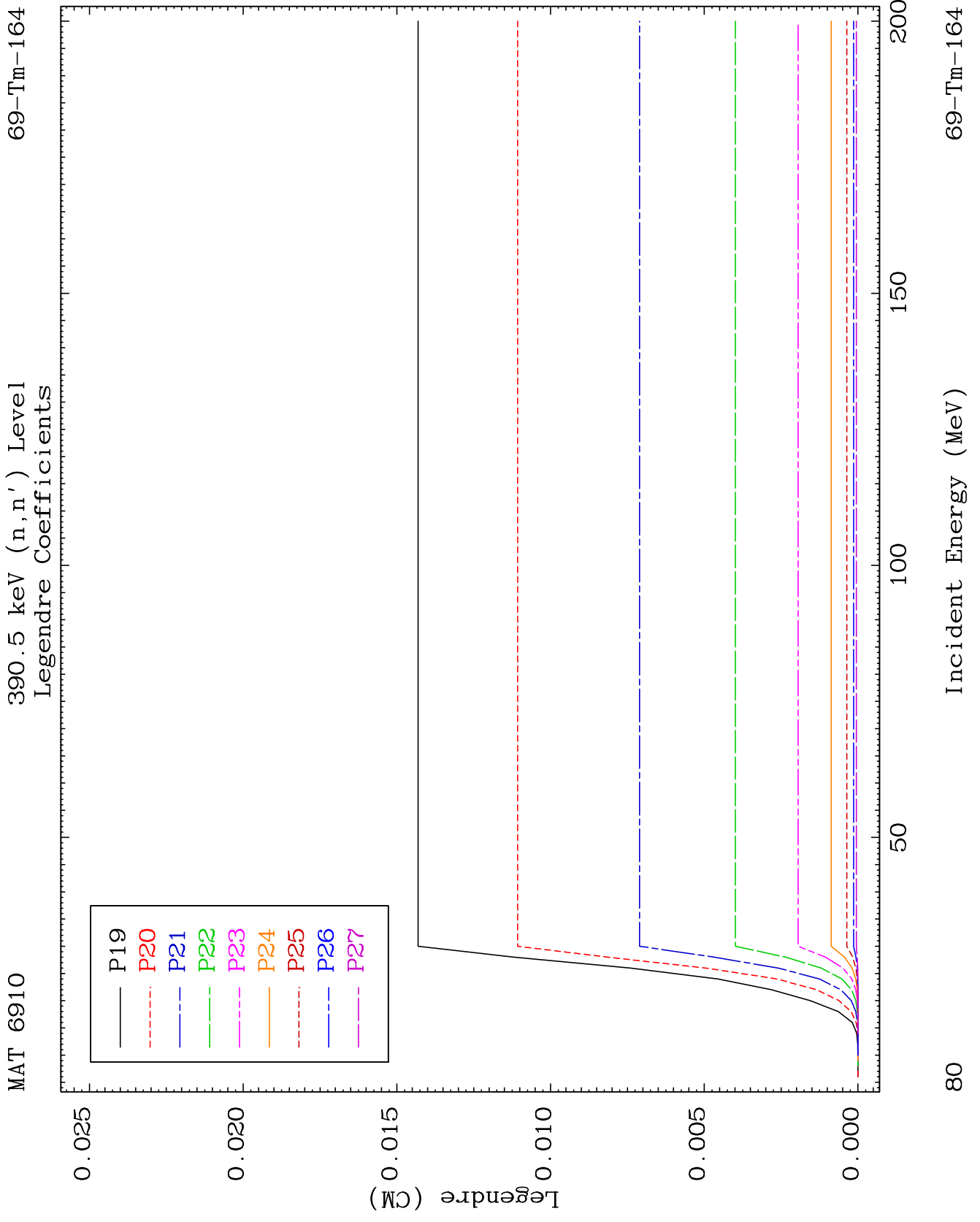
381.8 keV (n,n') Level
Legendre Coefficients

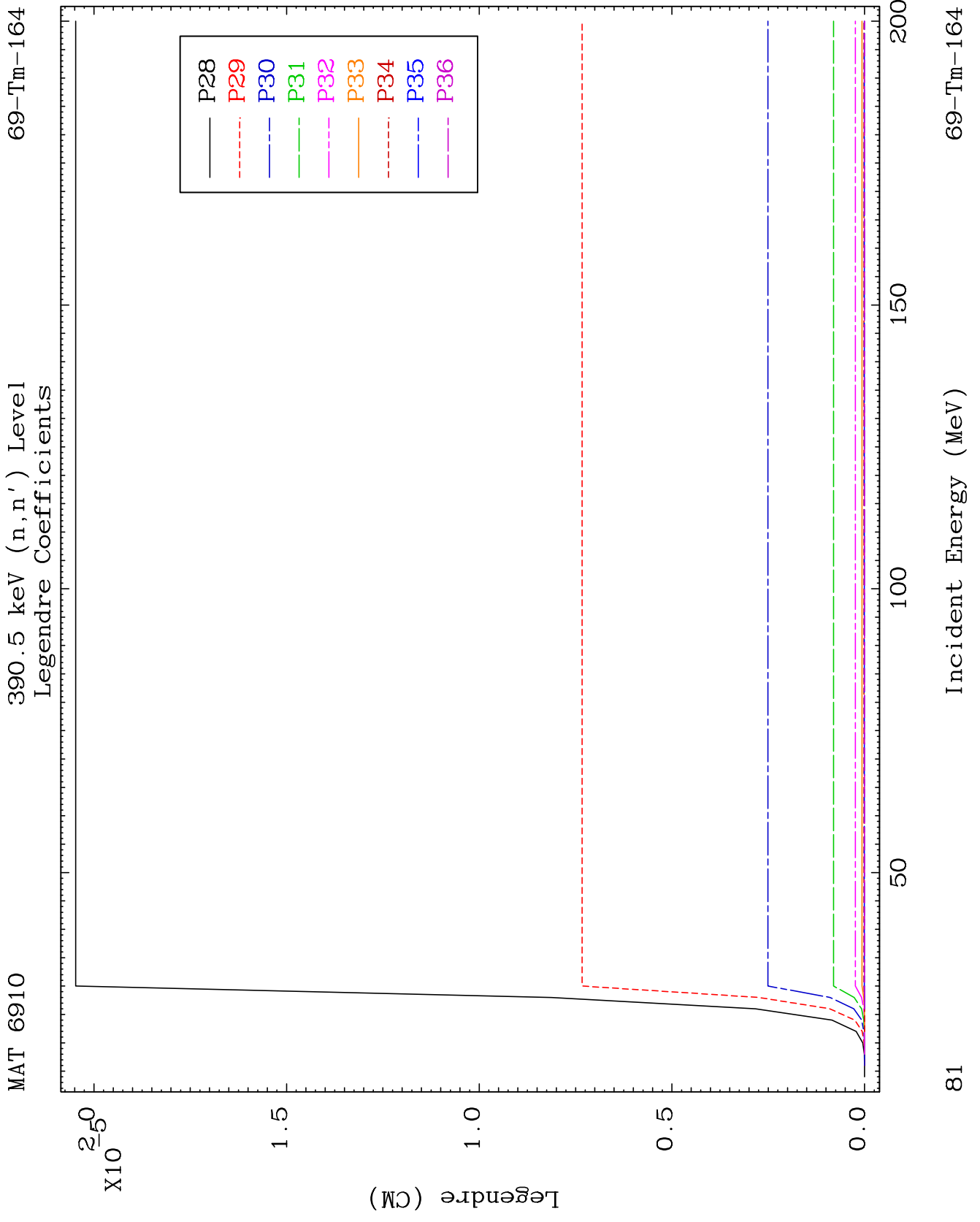
69-Tm-164







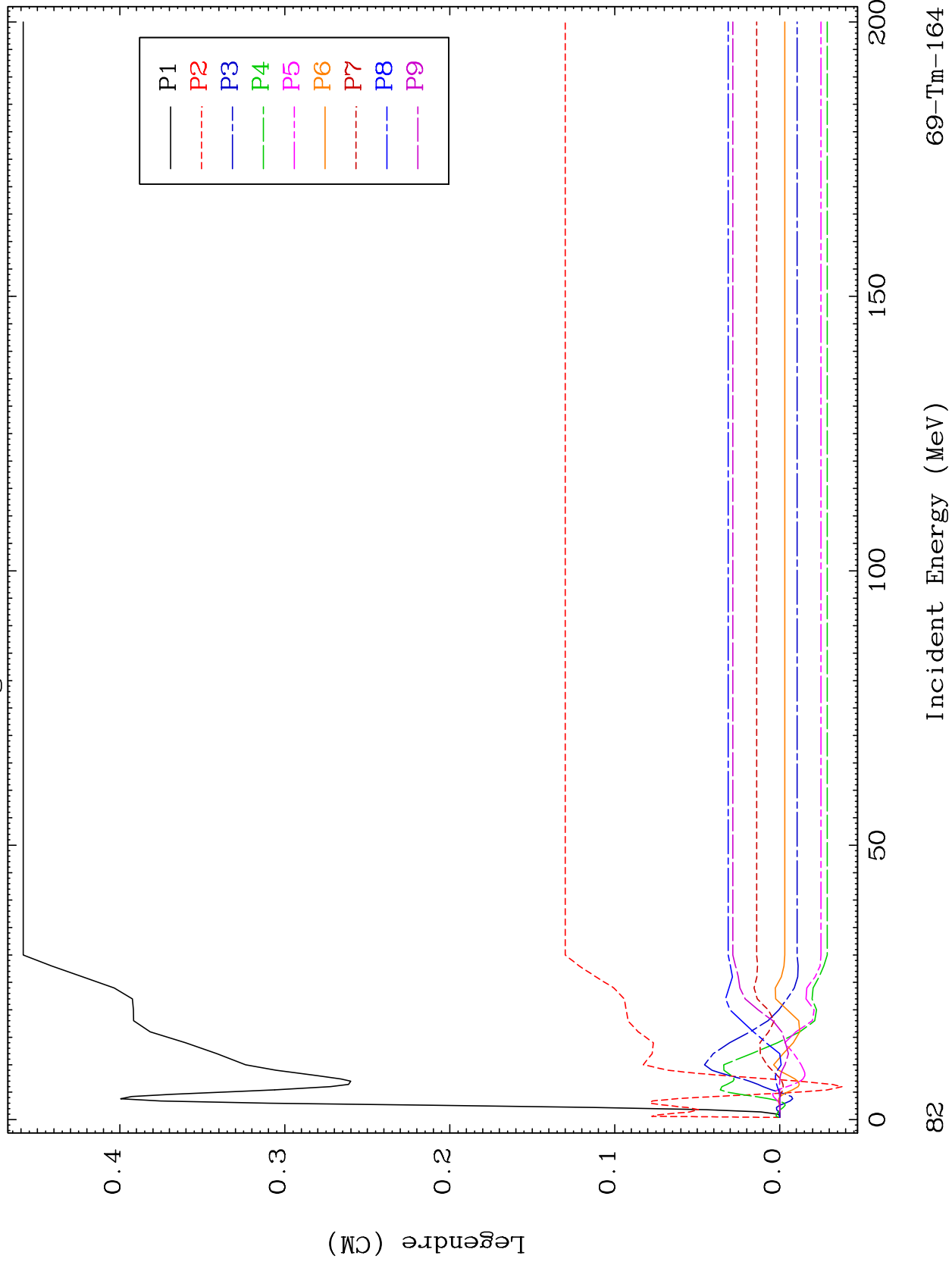




MAT 6910

391.6 keV (n,n') Level
Legendre Coefficients

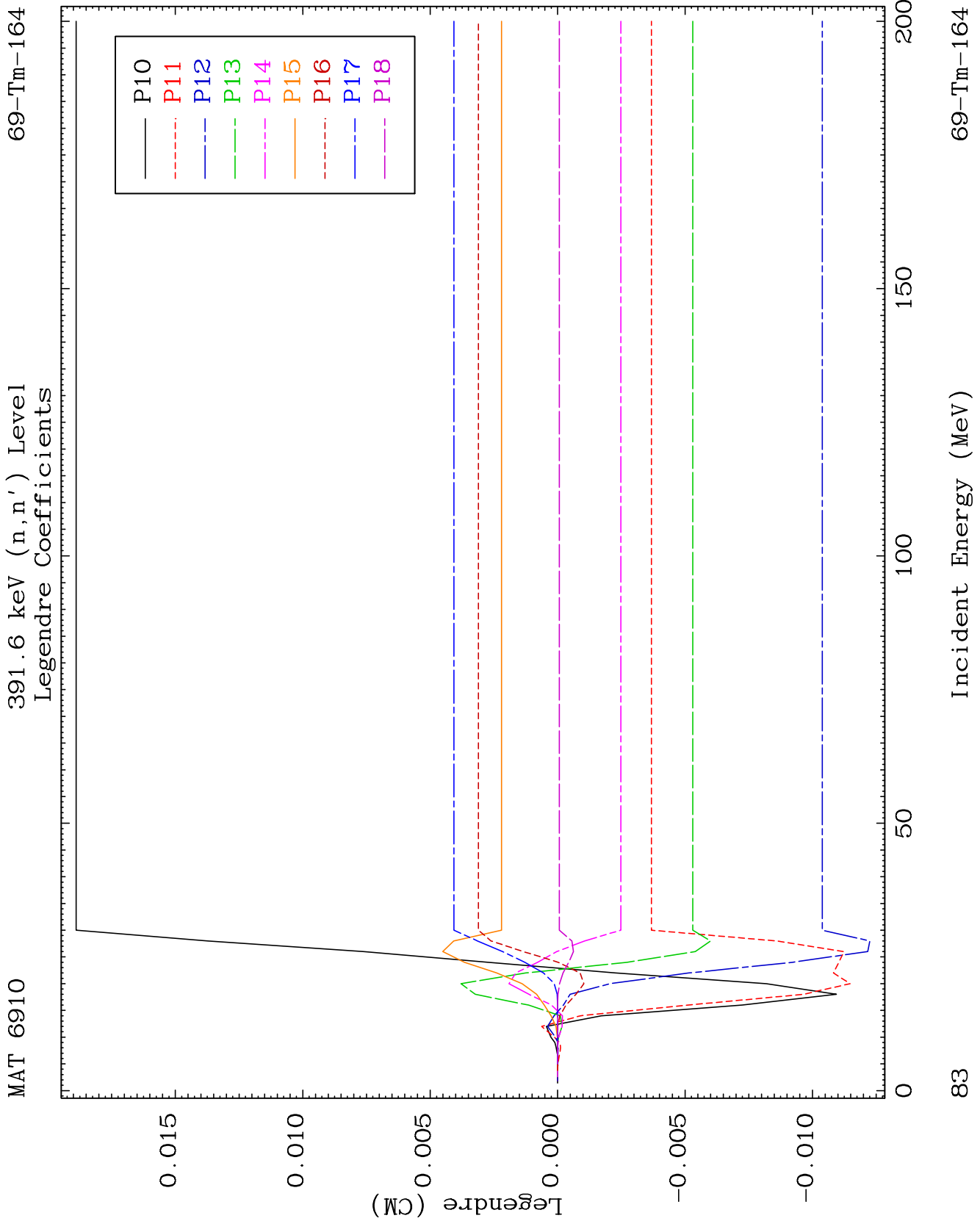
69-Tm-164

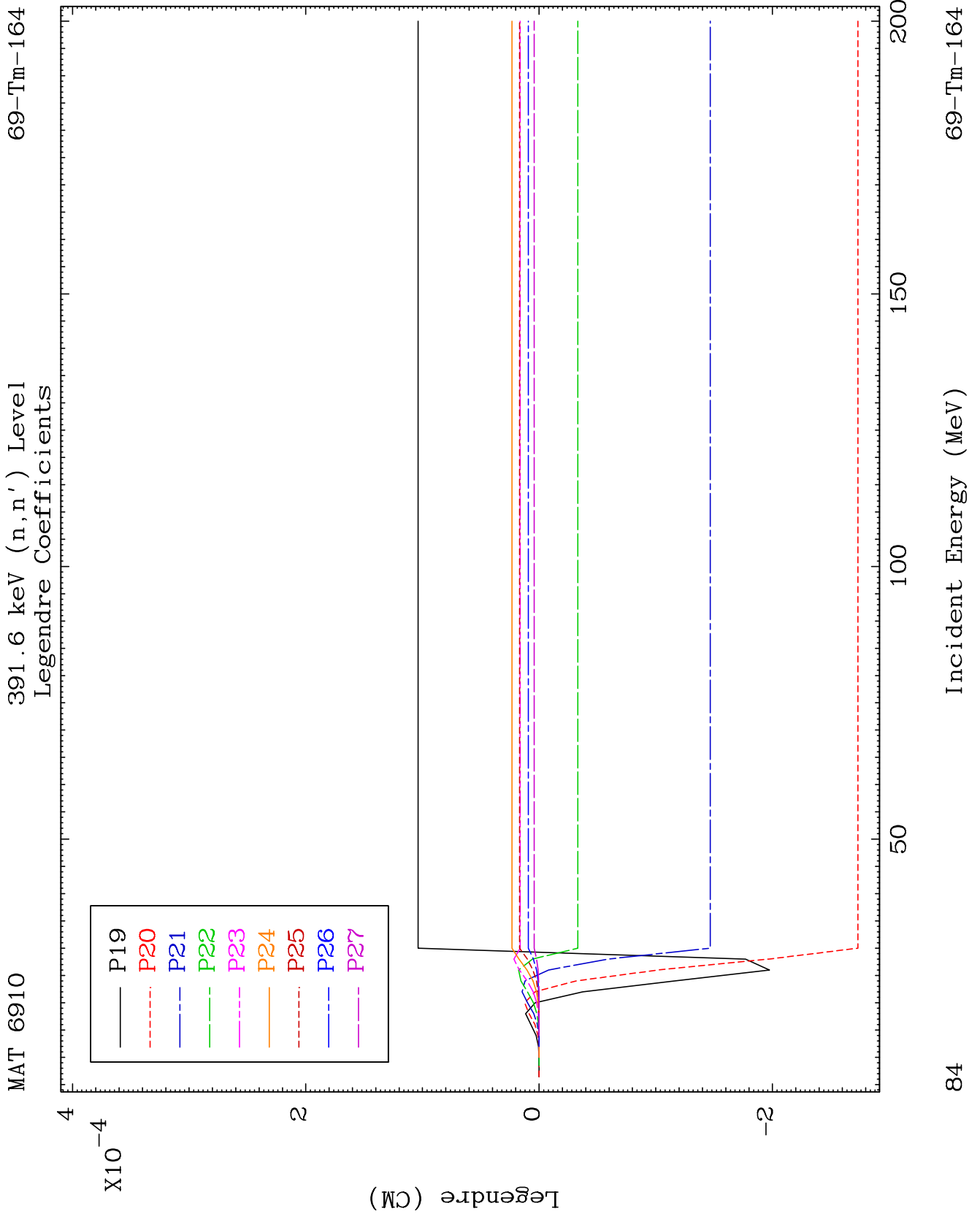


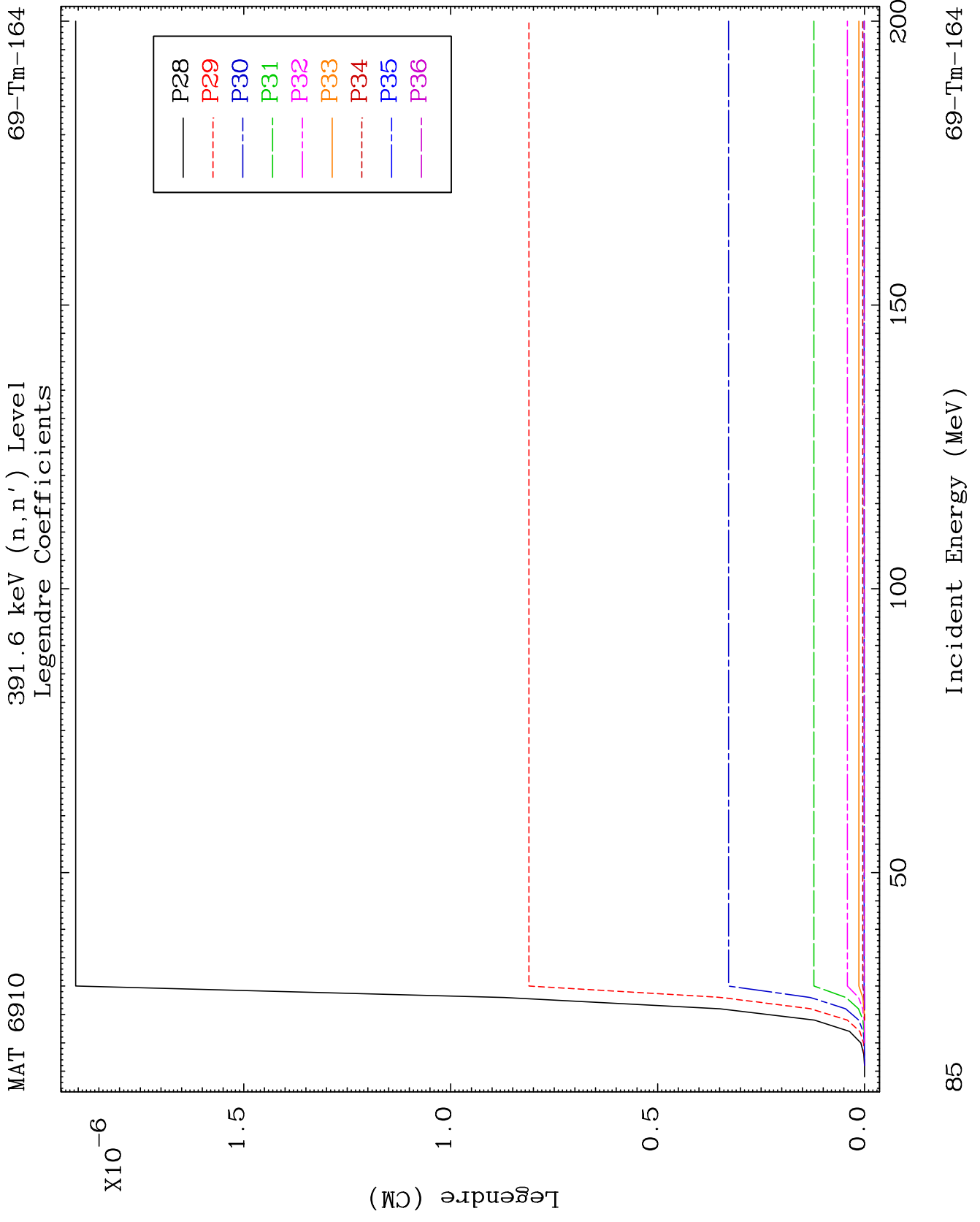
82

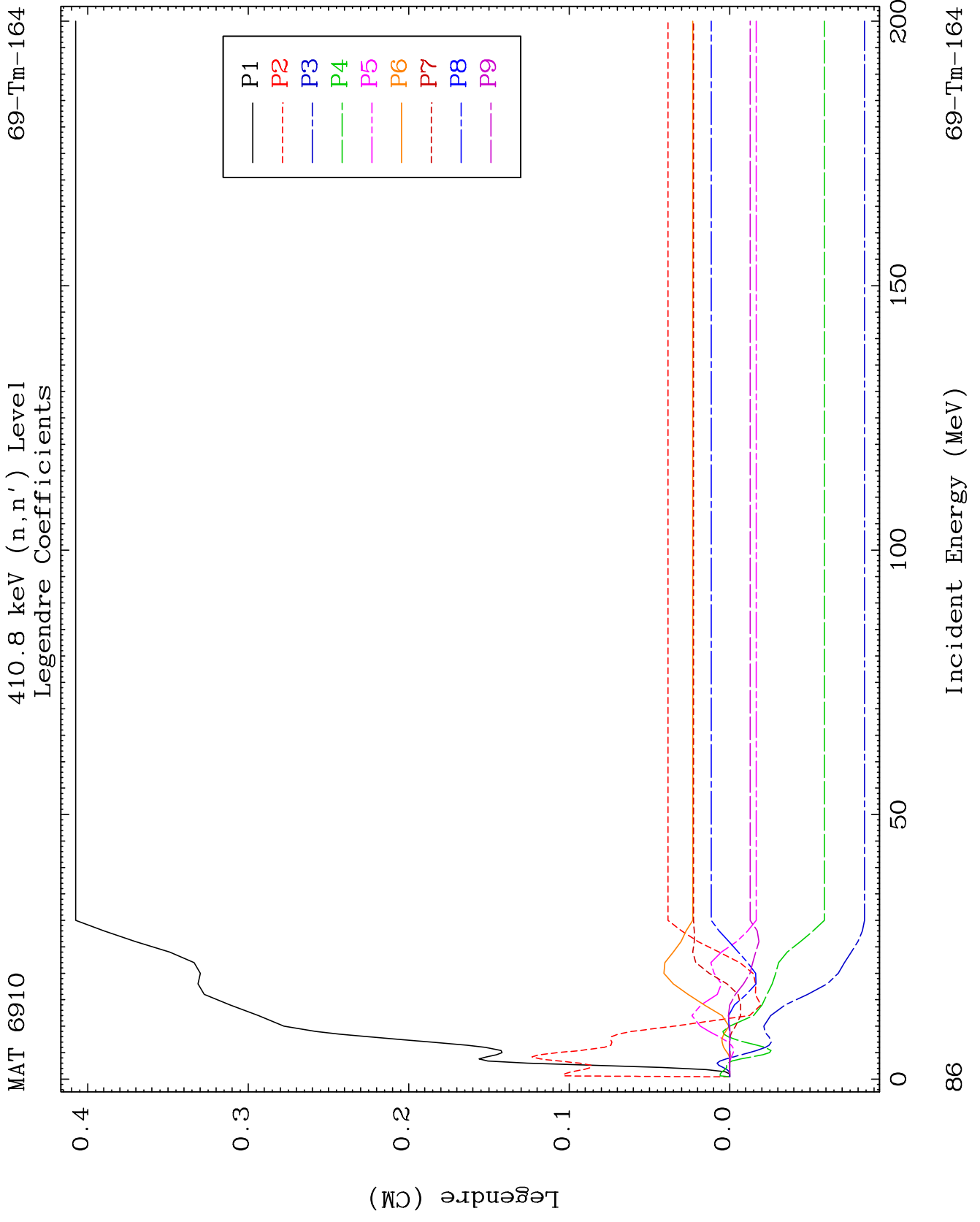
Incident Energy (MeV)

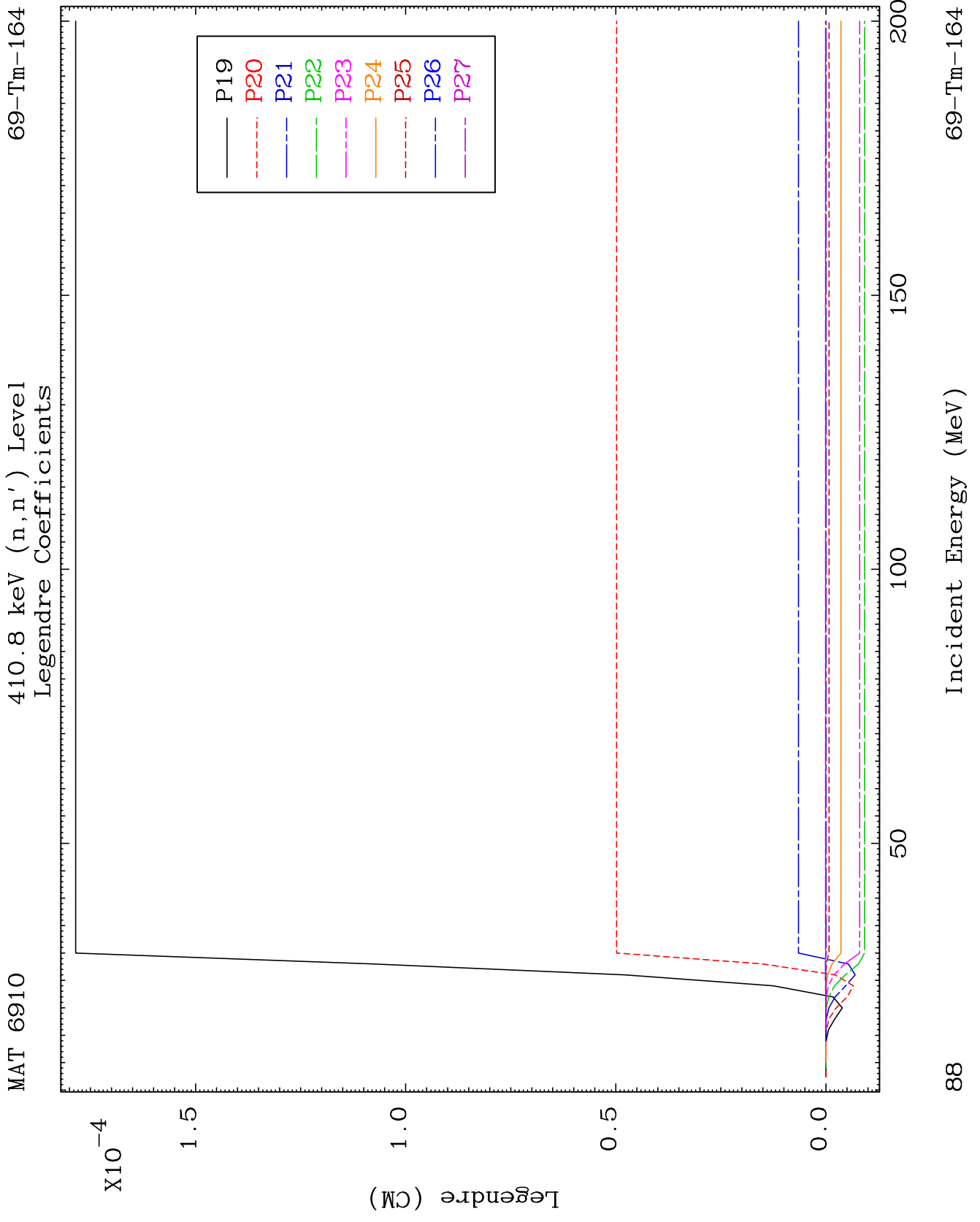
69-Tm-164







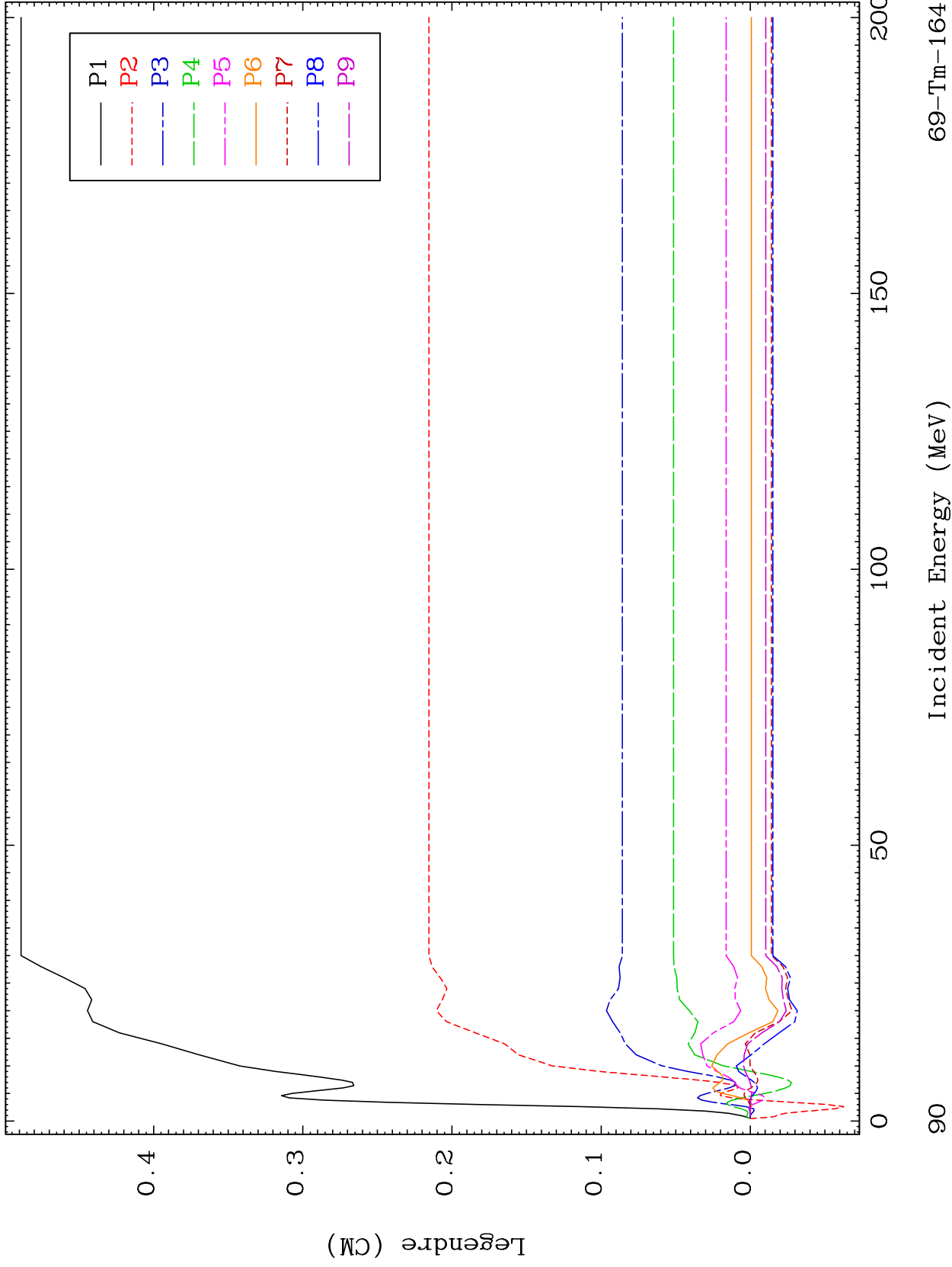




MAT 6910

428.0 keV (n,n') Level
Legendre Coefficients

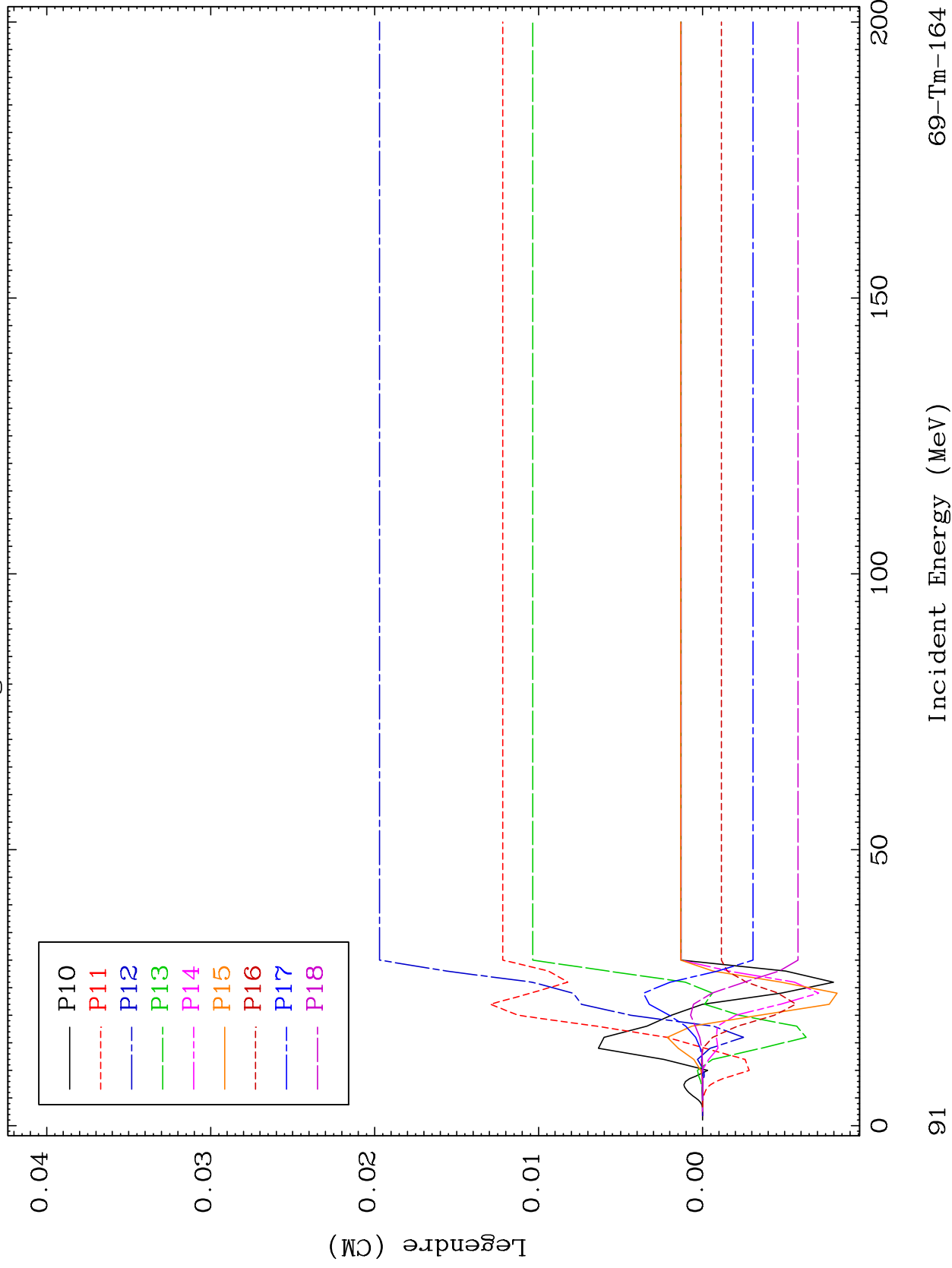
69-Tm-164

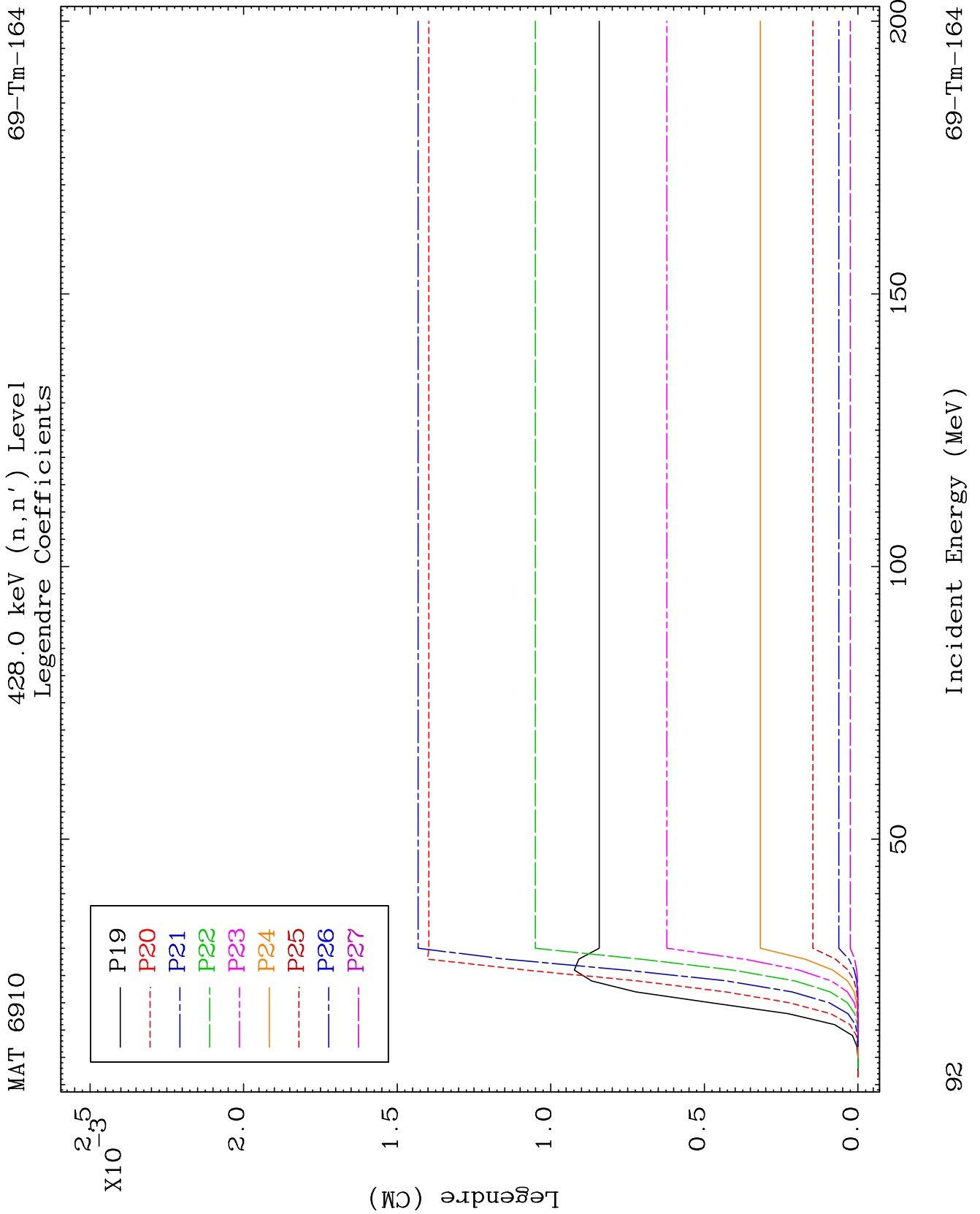


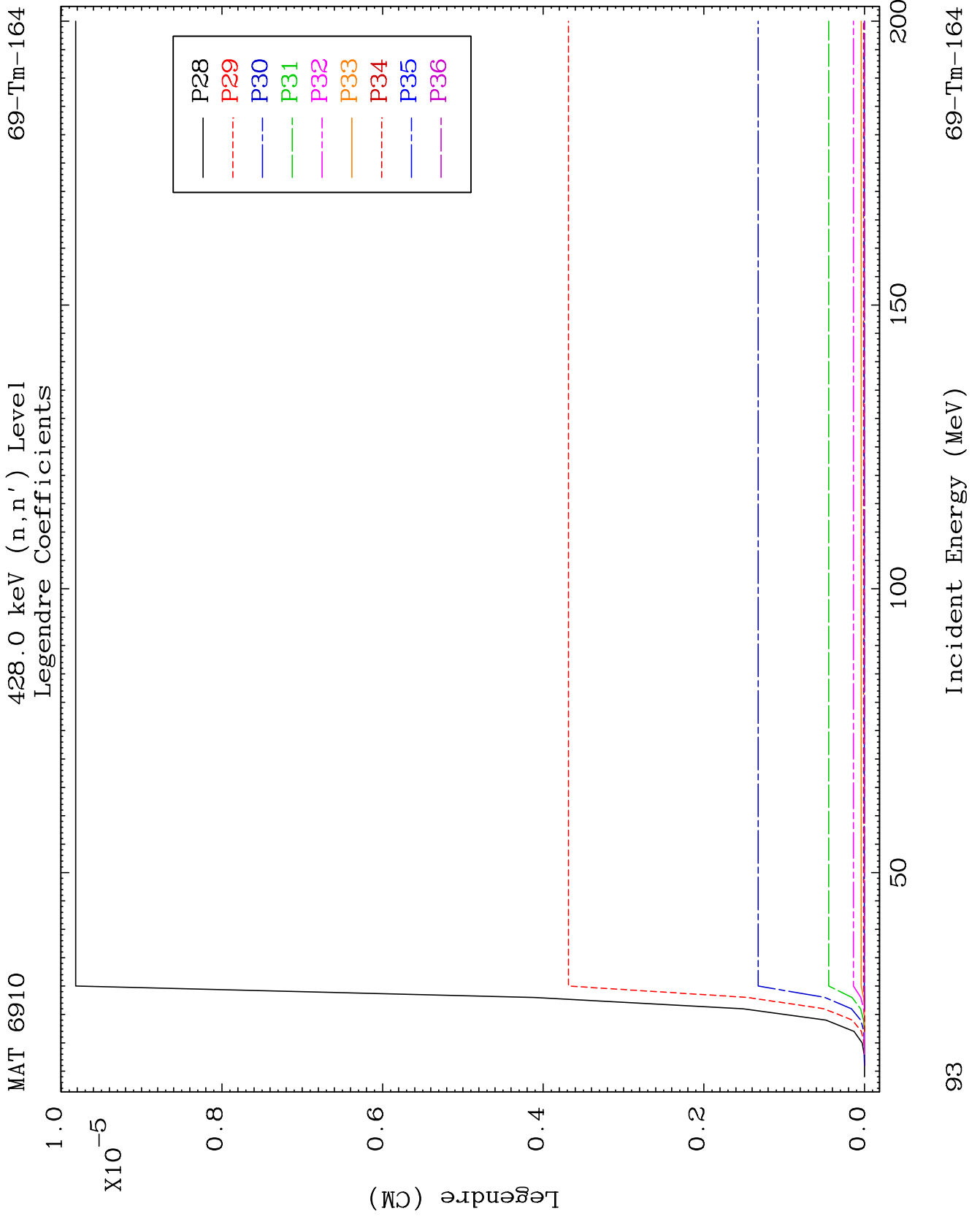
69-Tm-164

Incident Energy (MeV)

90



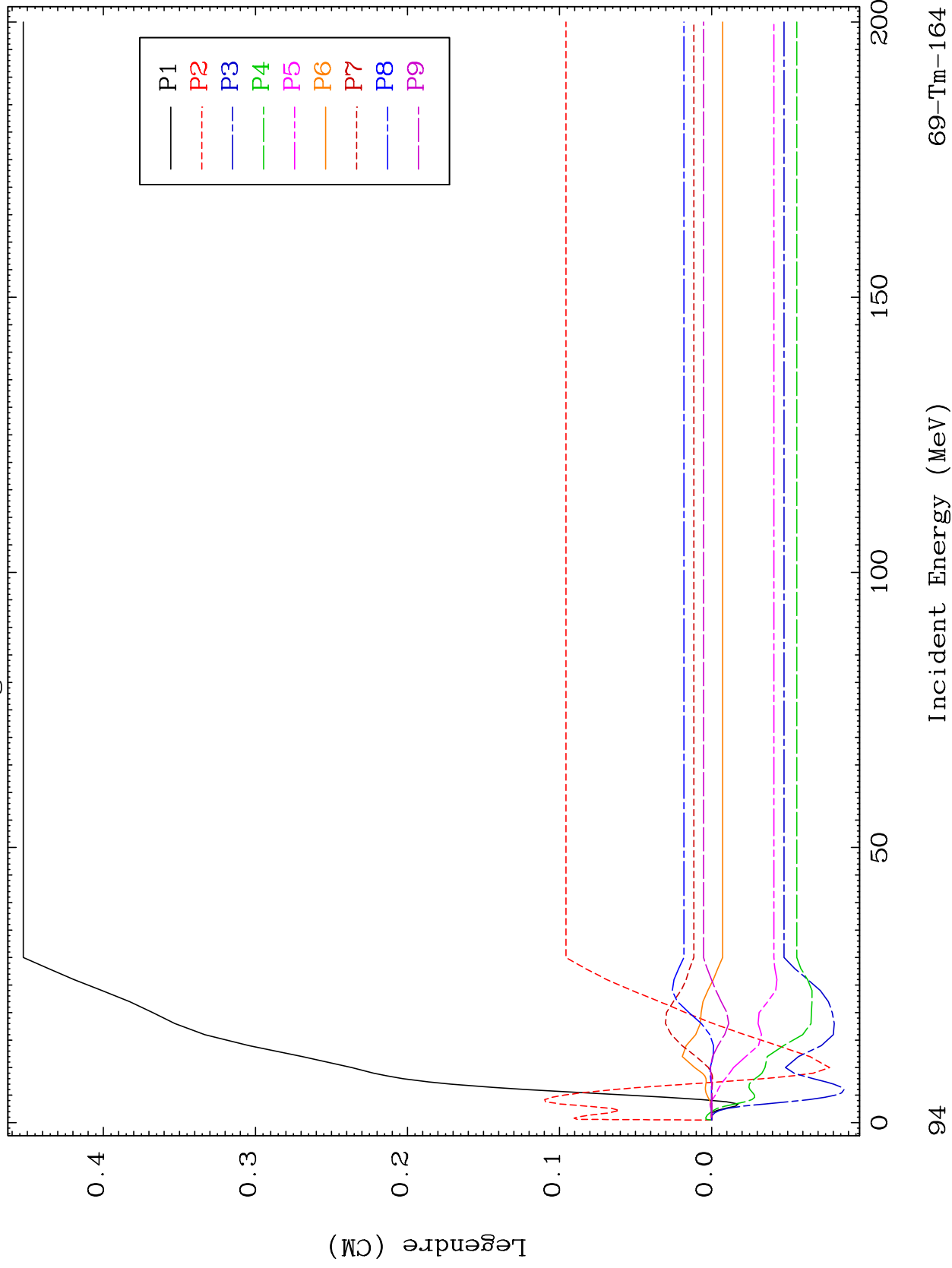




MAT 6910

463.7 keV (n,n') Level
Legendre Coefficients

69-Tm-164



94

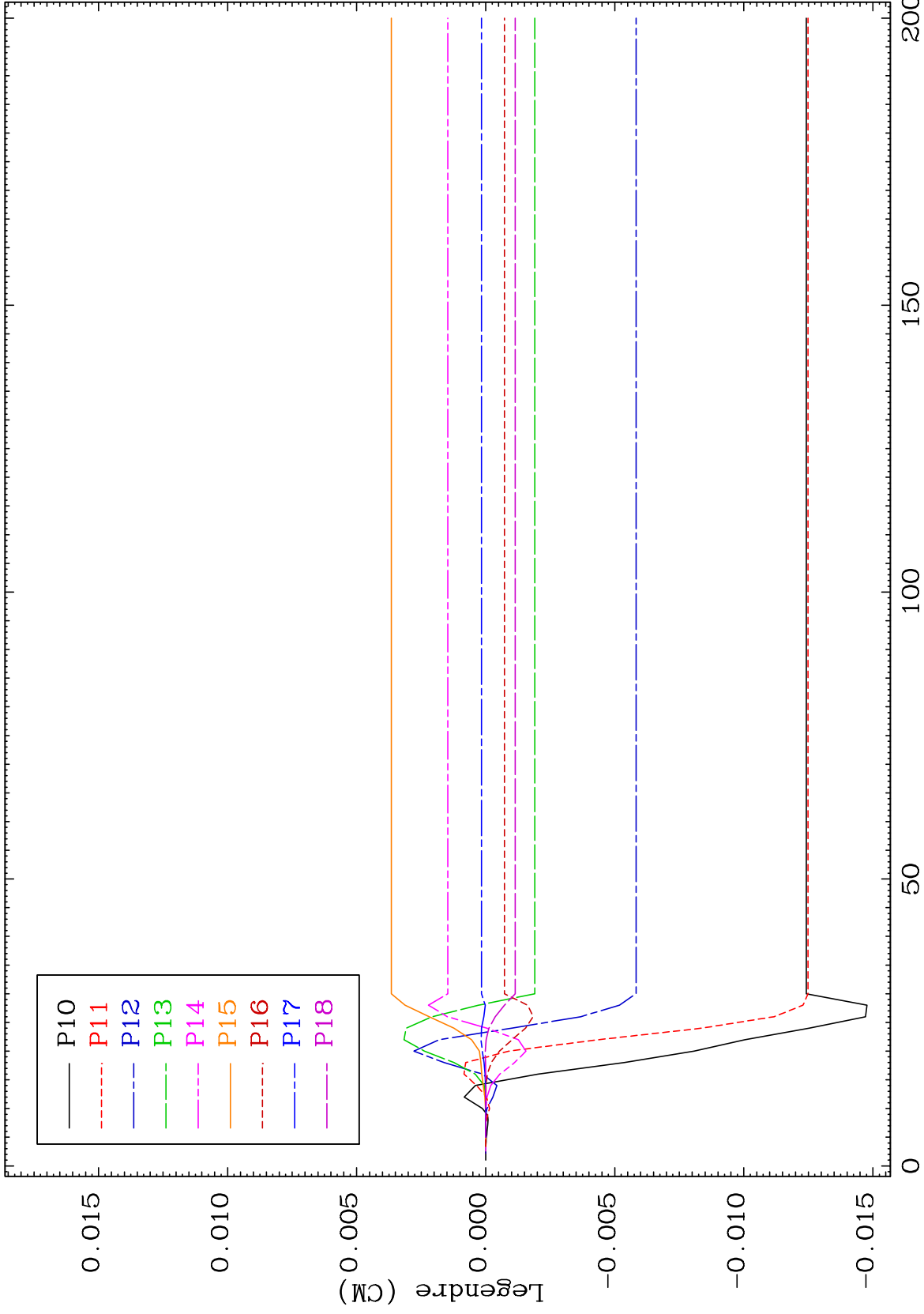
Incident Energy (MeV)

69-Tm-164

MAT 6910

463.7 keV (n, n') Level
Legendre Coefficients

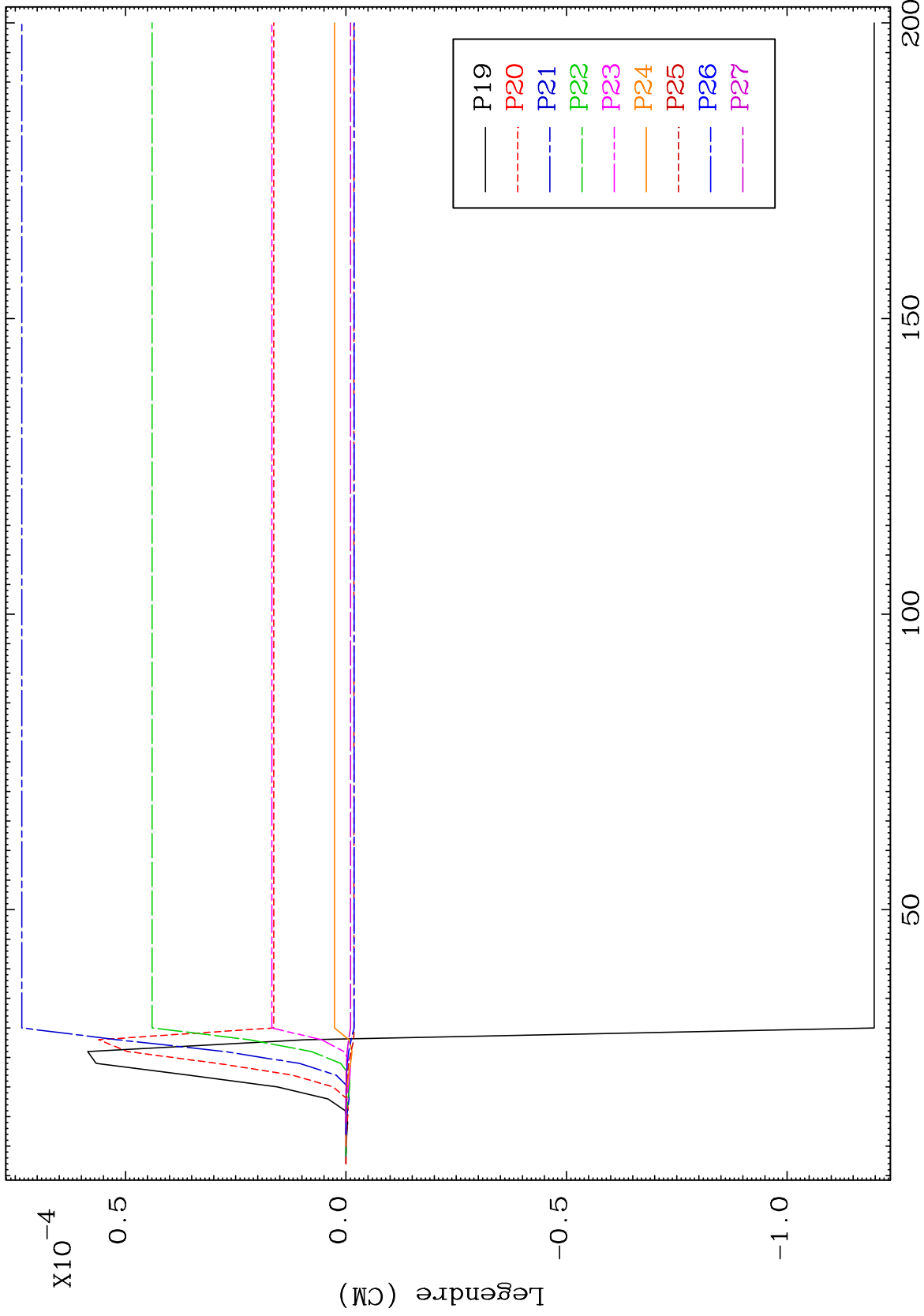
69-Tm-164

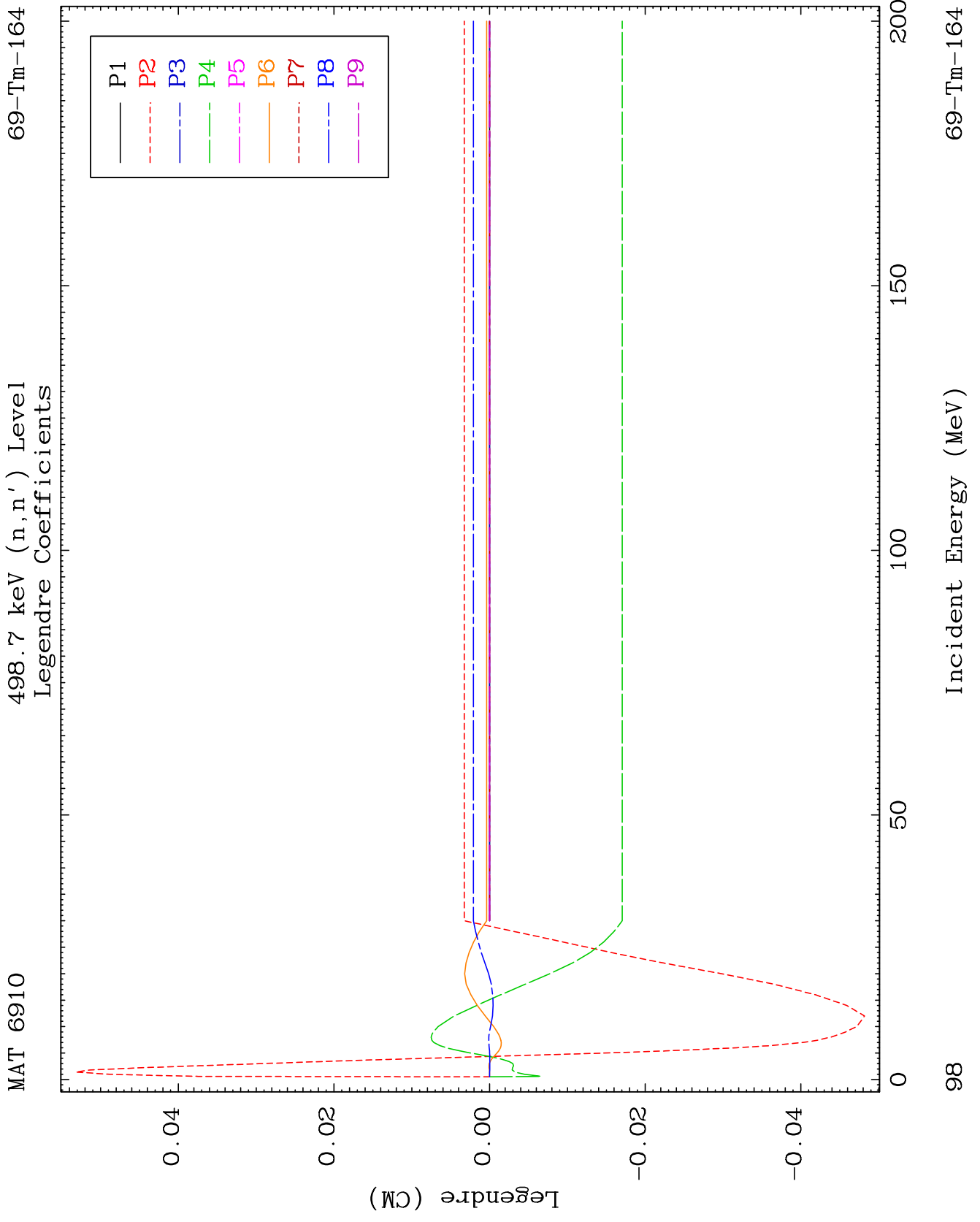


95

Incident Energy (MeV)

69-Tm-164

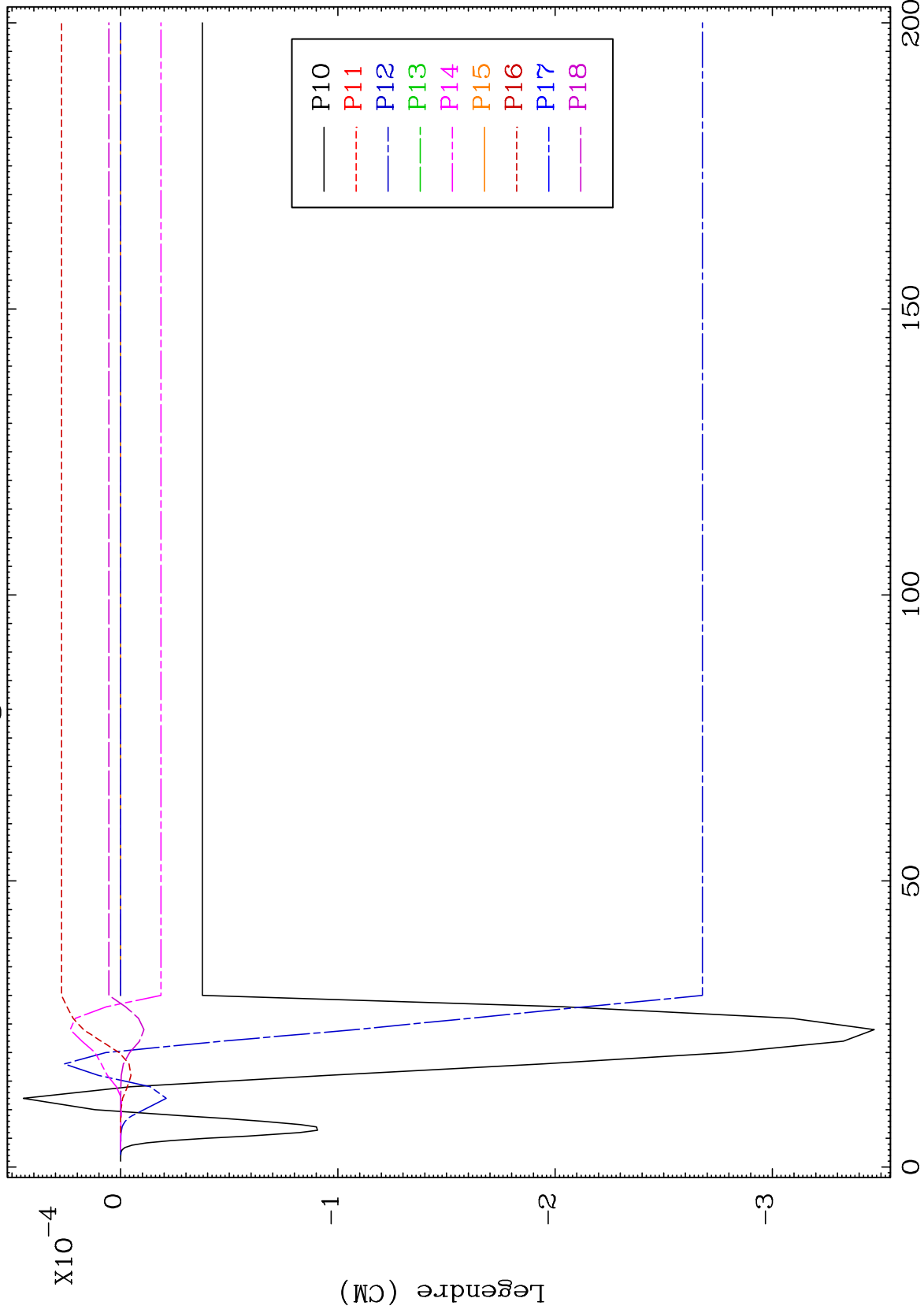




MAT 6910

498.7 keV (n,n') Level
Legendre Coefficients

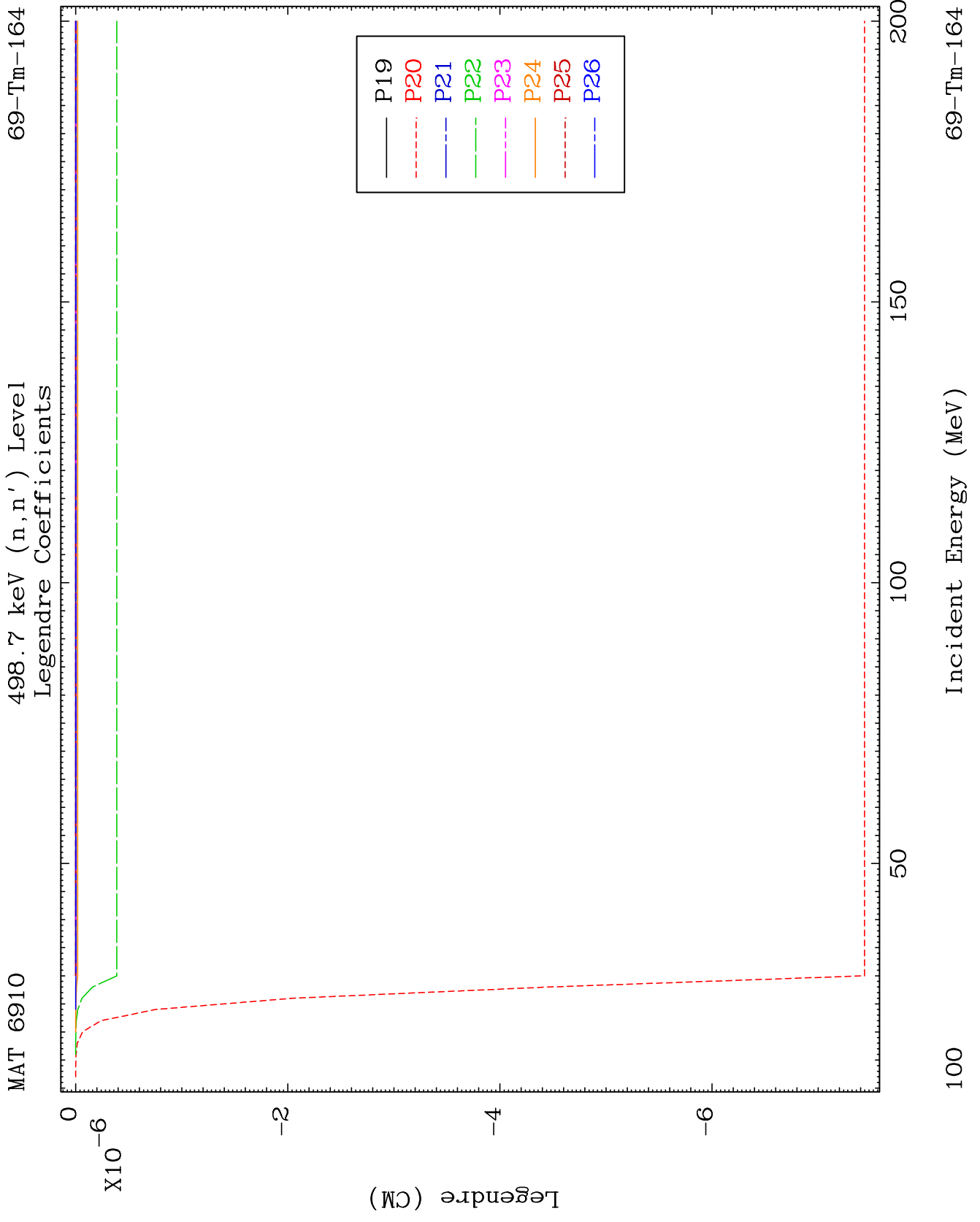
69-Tm-164



99

Incident Energy (MeV)

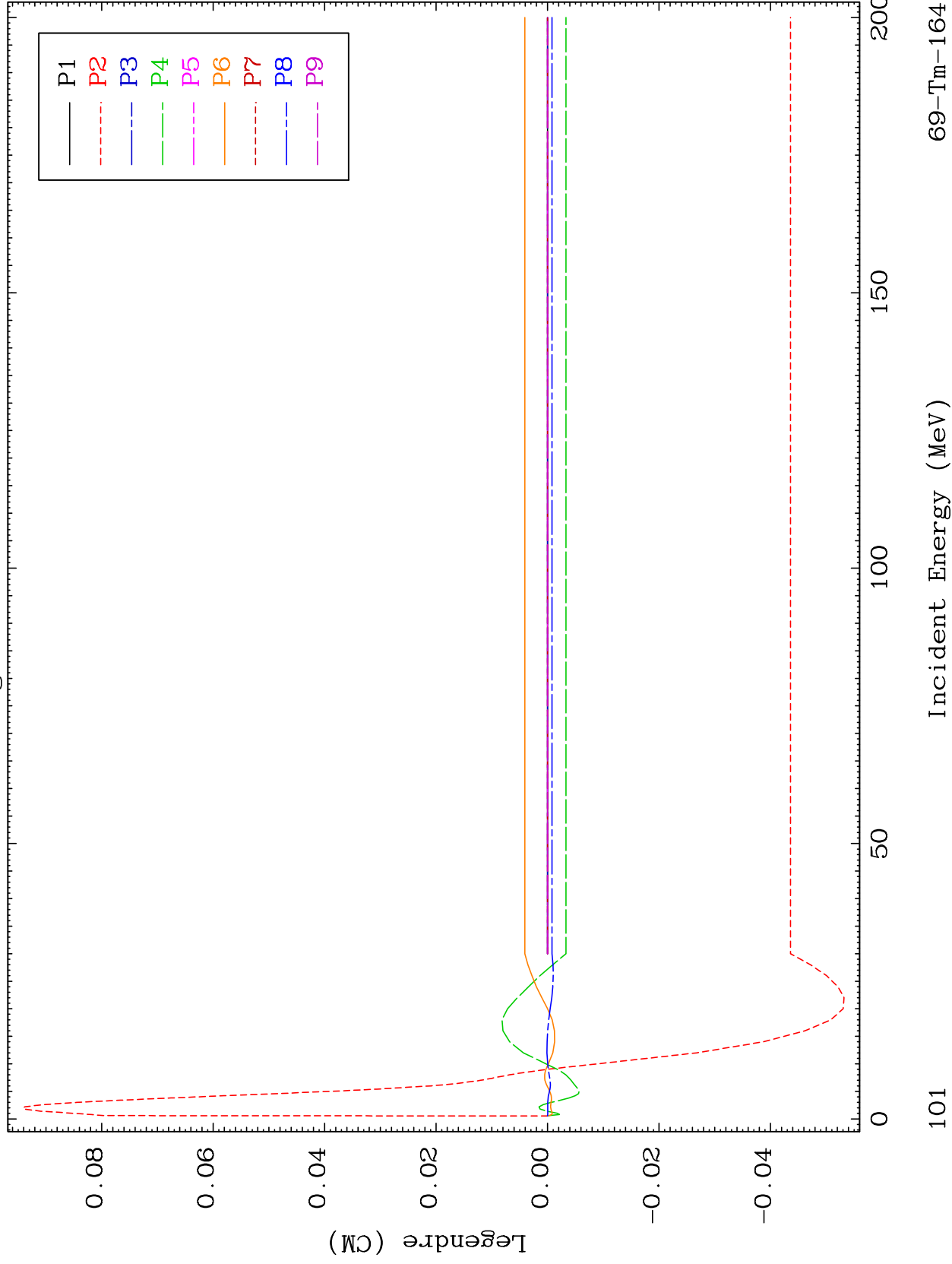
69-Tm-164



MAT 6910

520.9 keV (n,n') Level
Legendre Coefficients

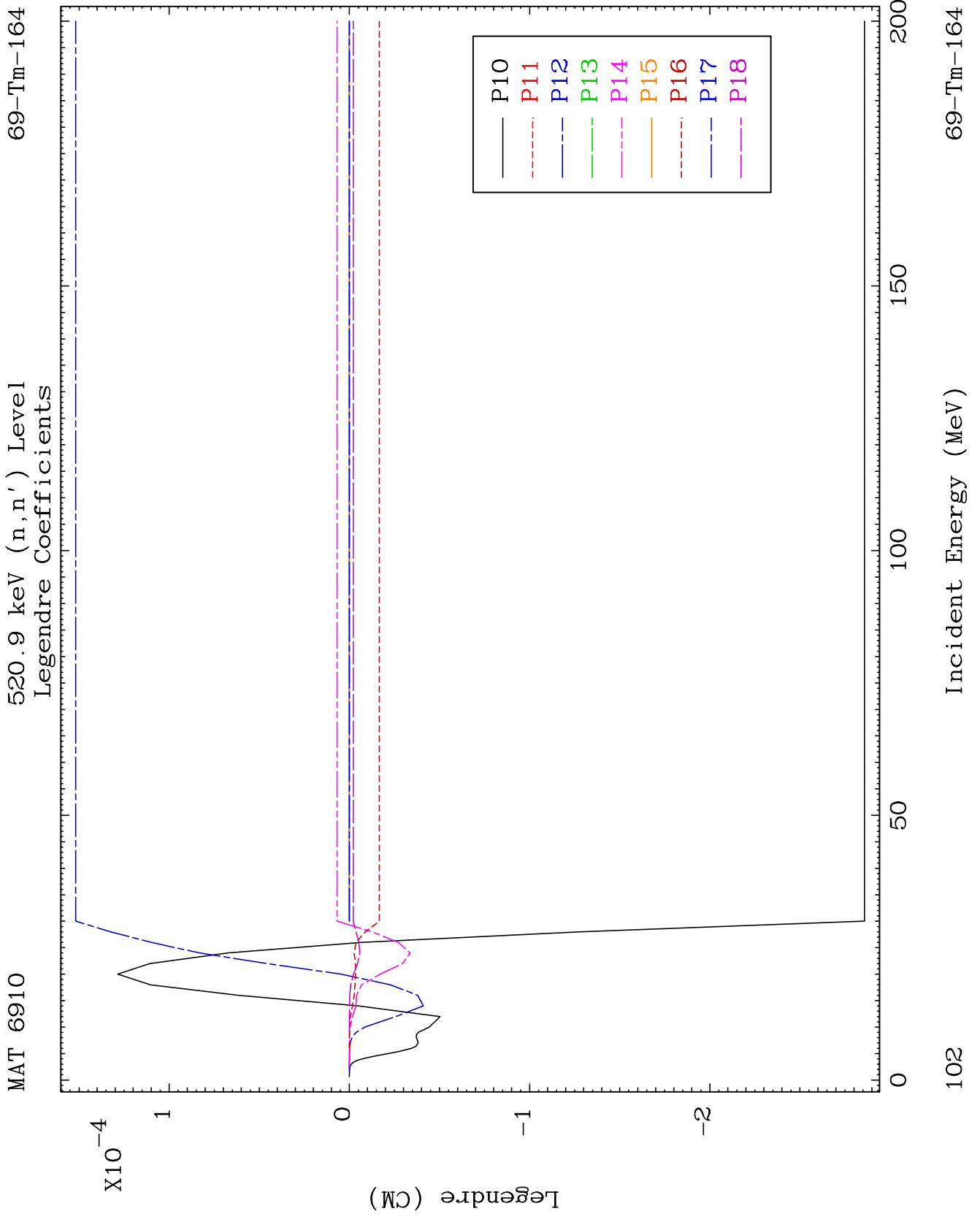
69-Tm-164

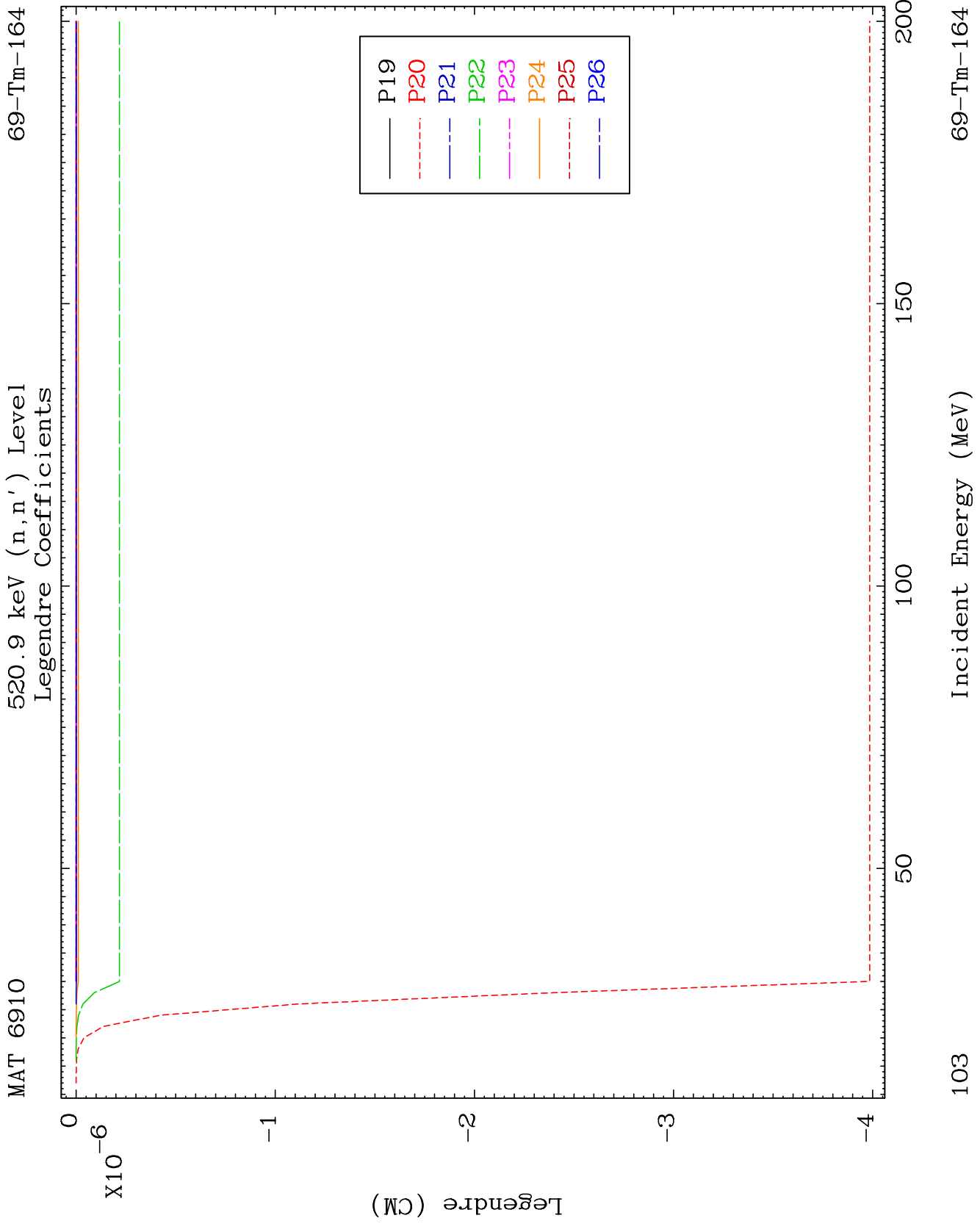


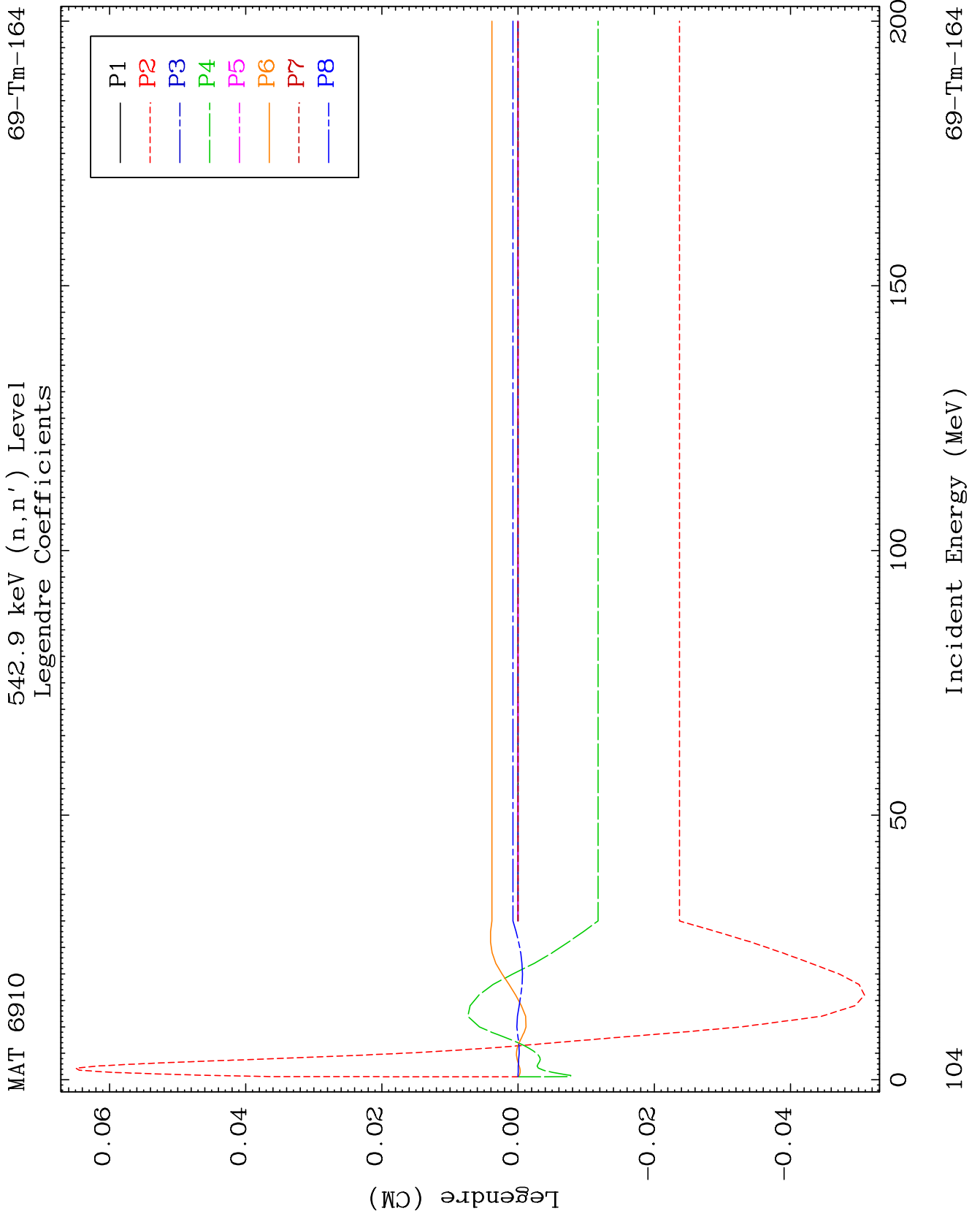
69-Tm-164

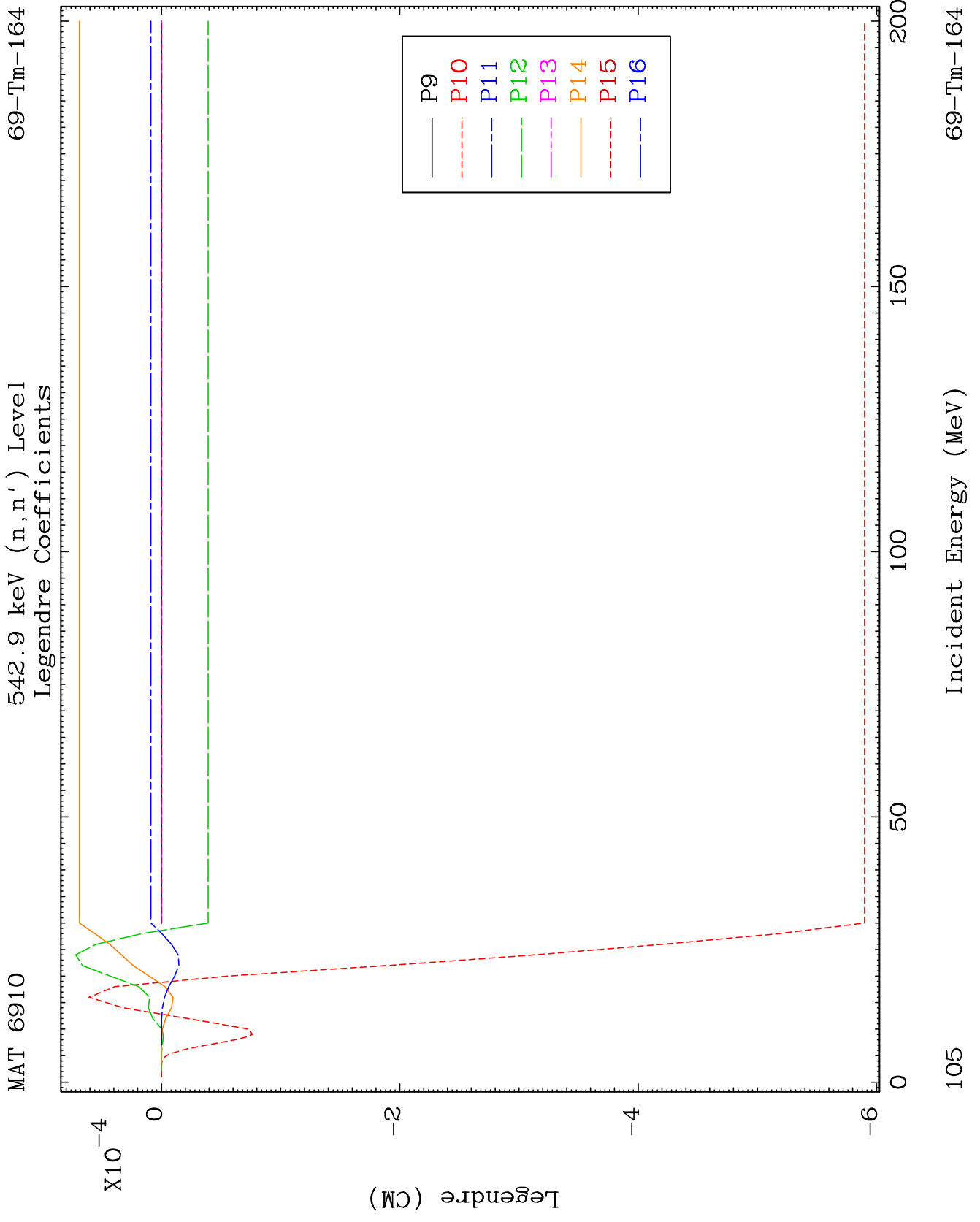
Incident Energy (MeV)

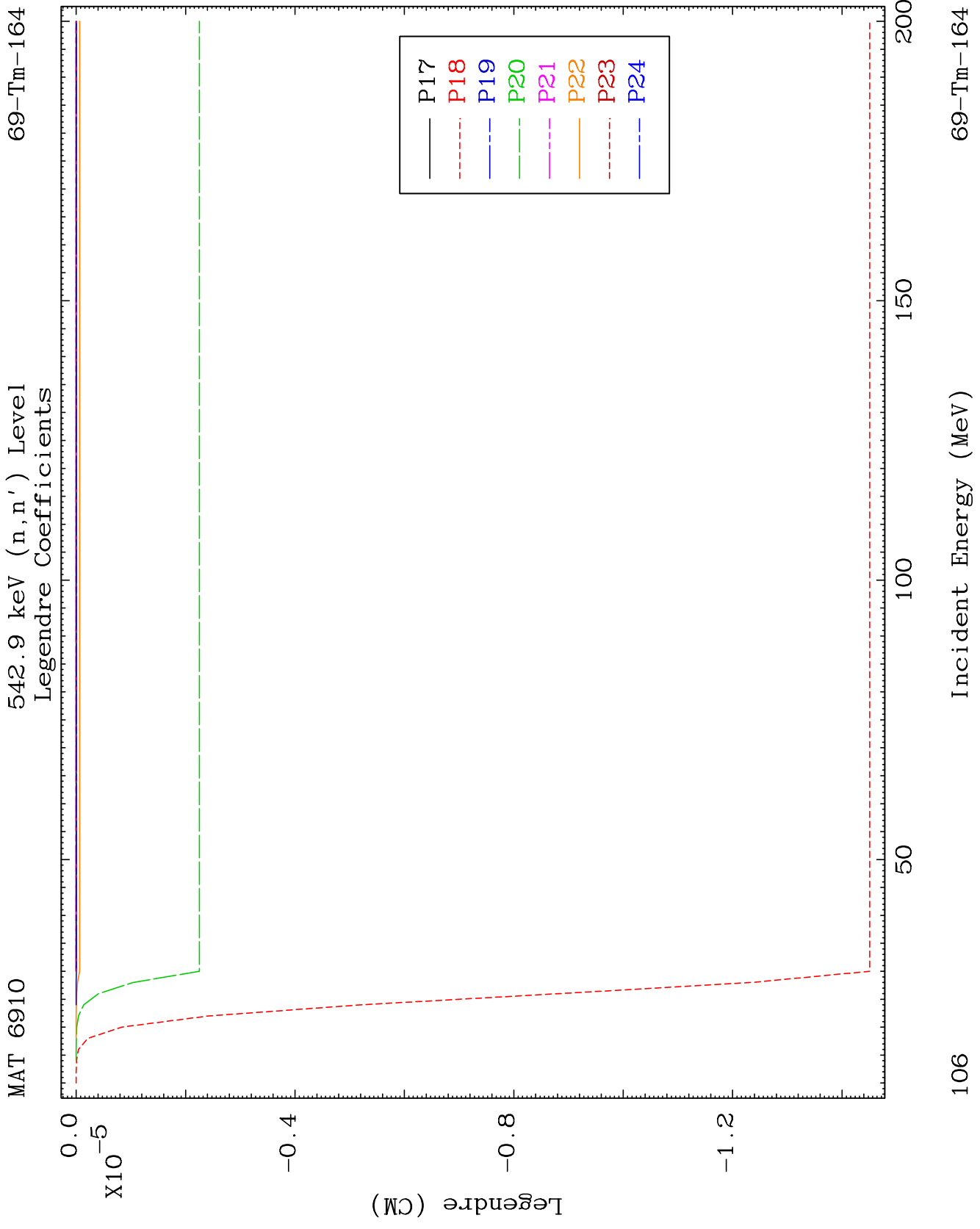
101

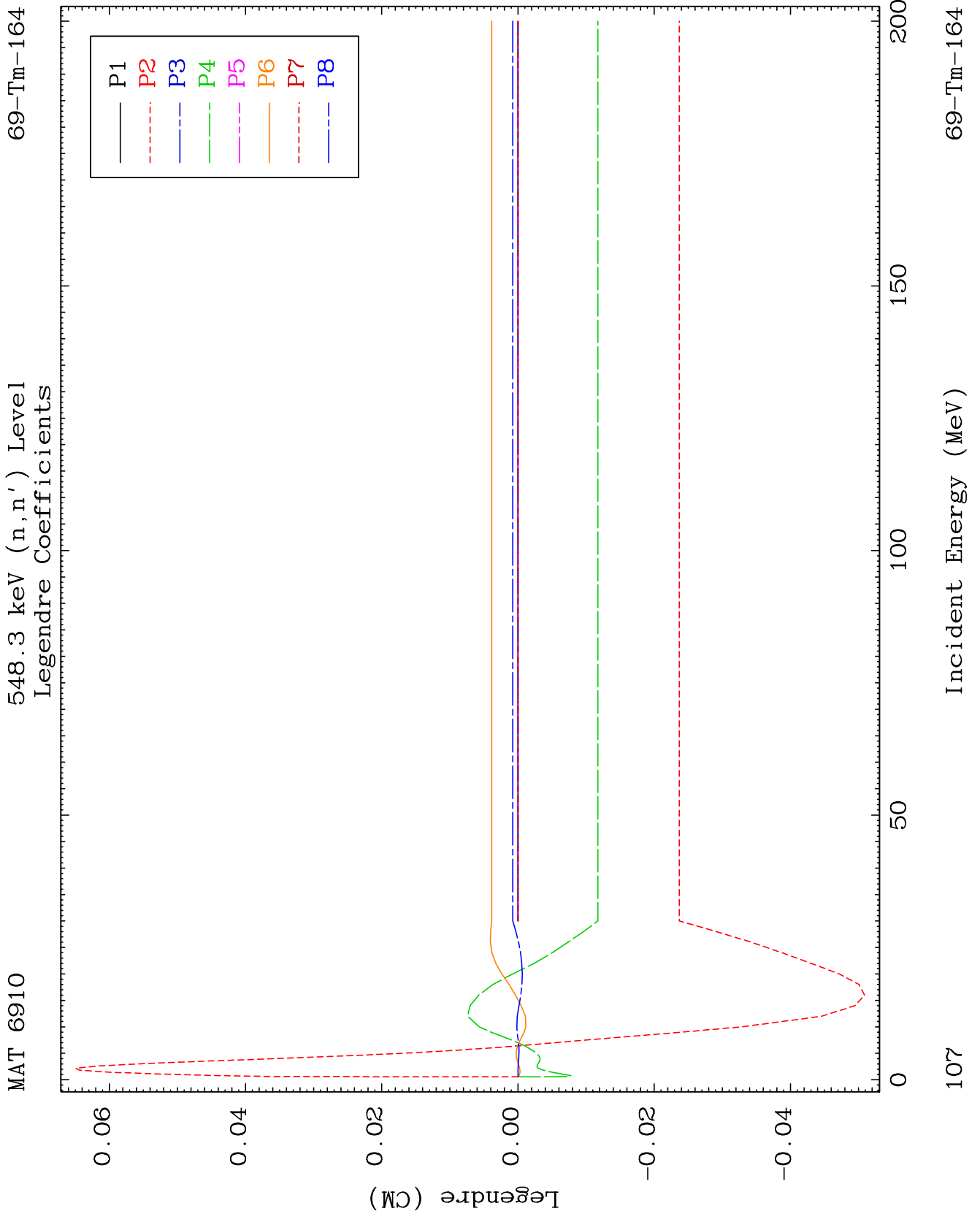


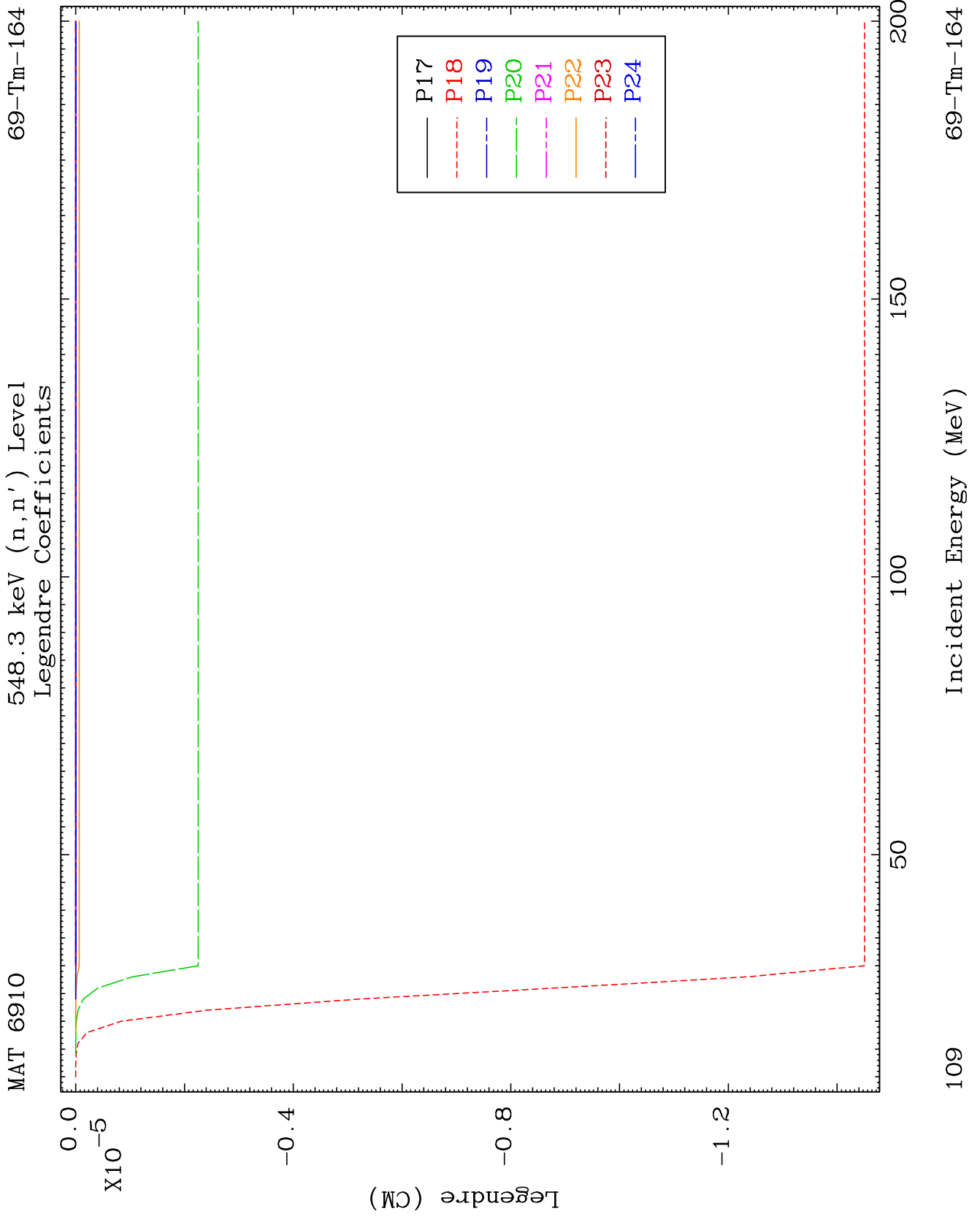


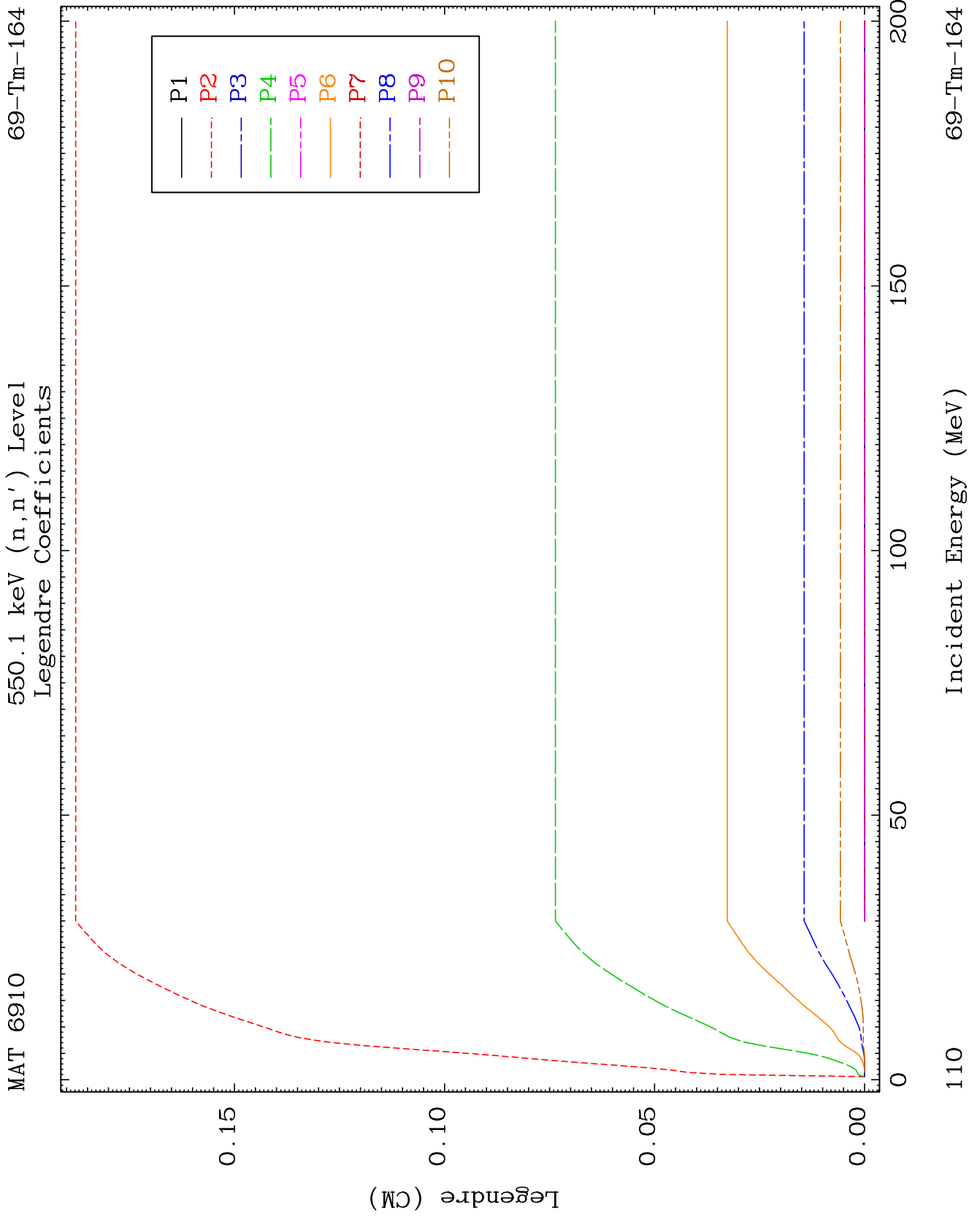


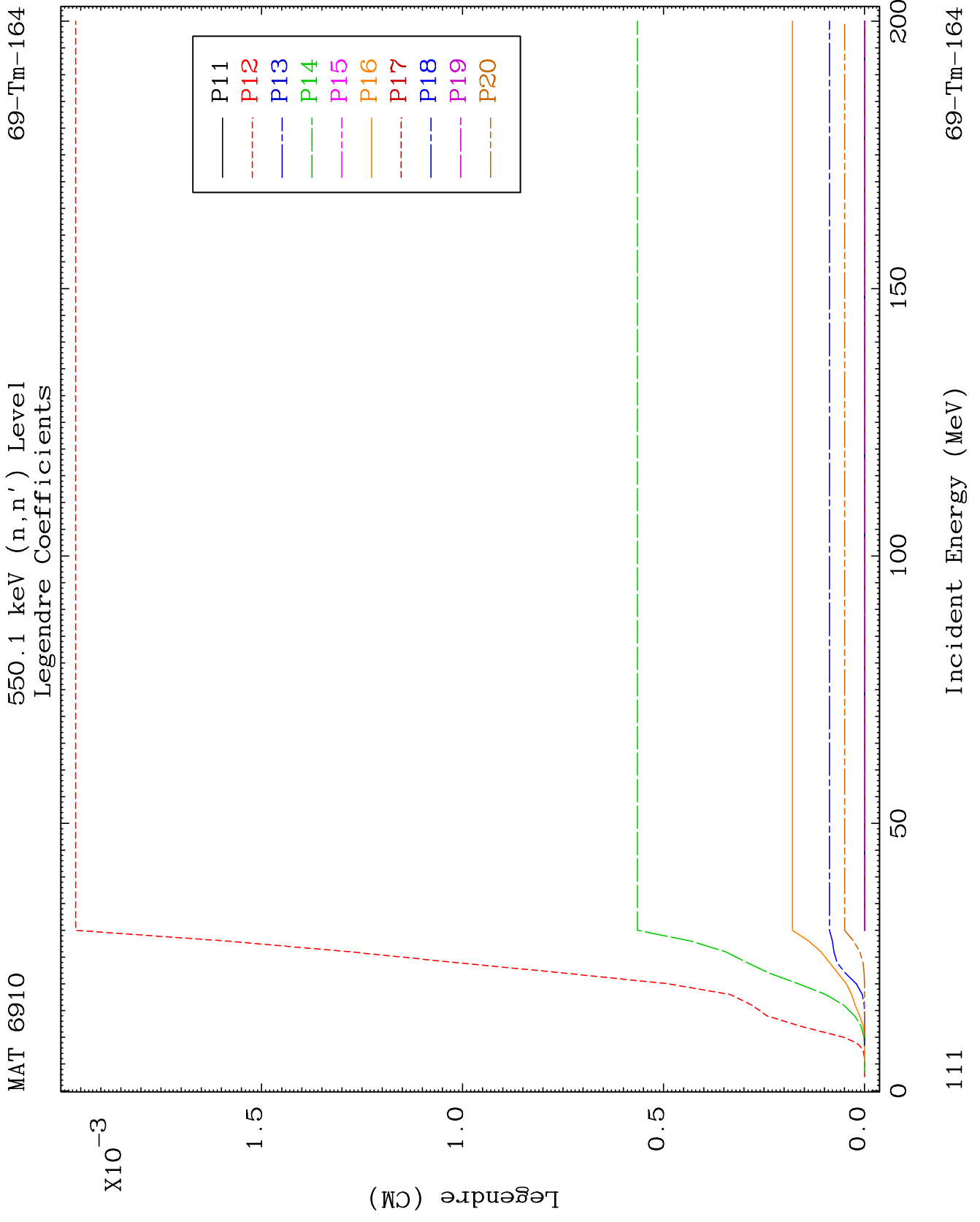


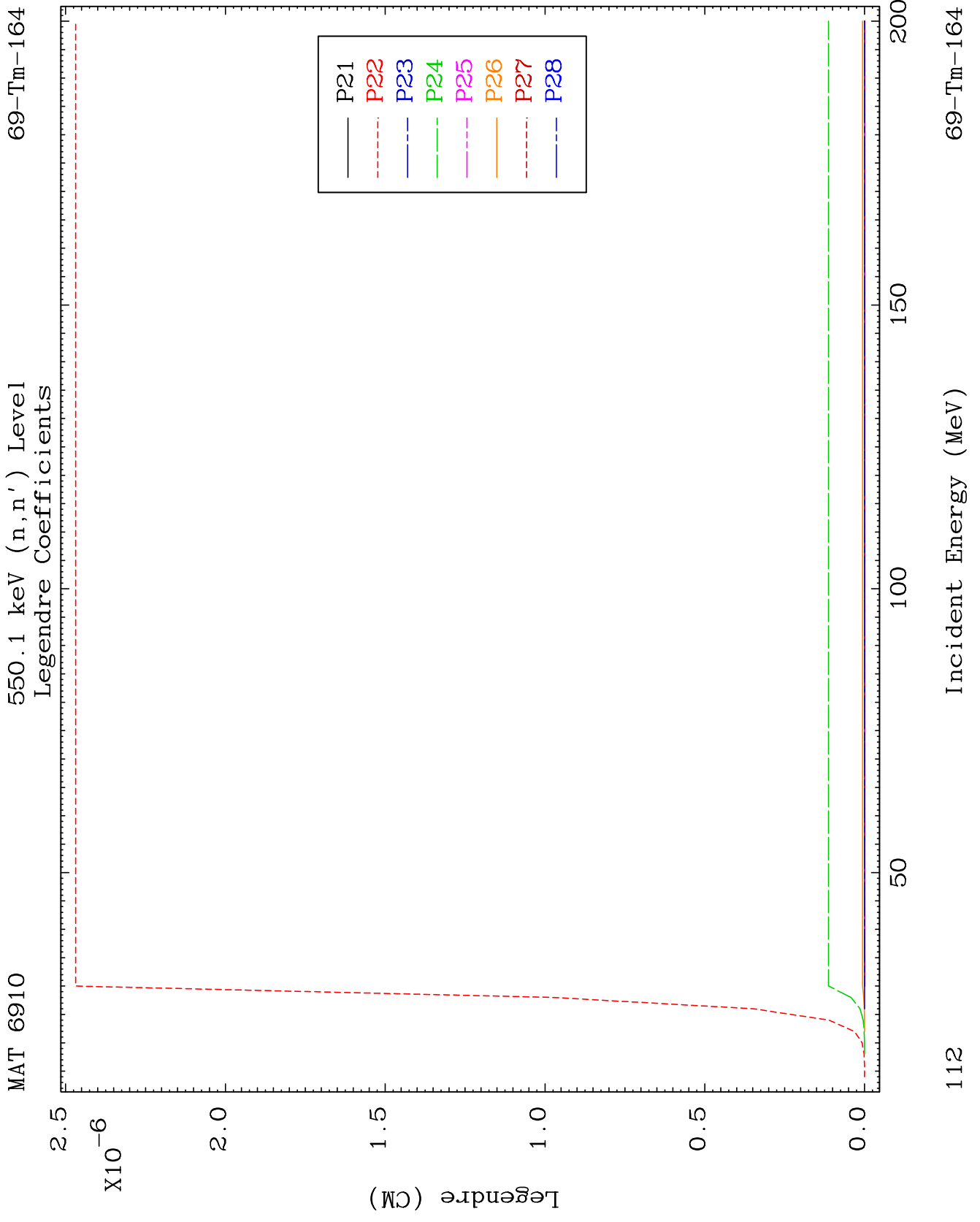


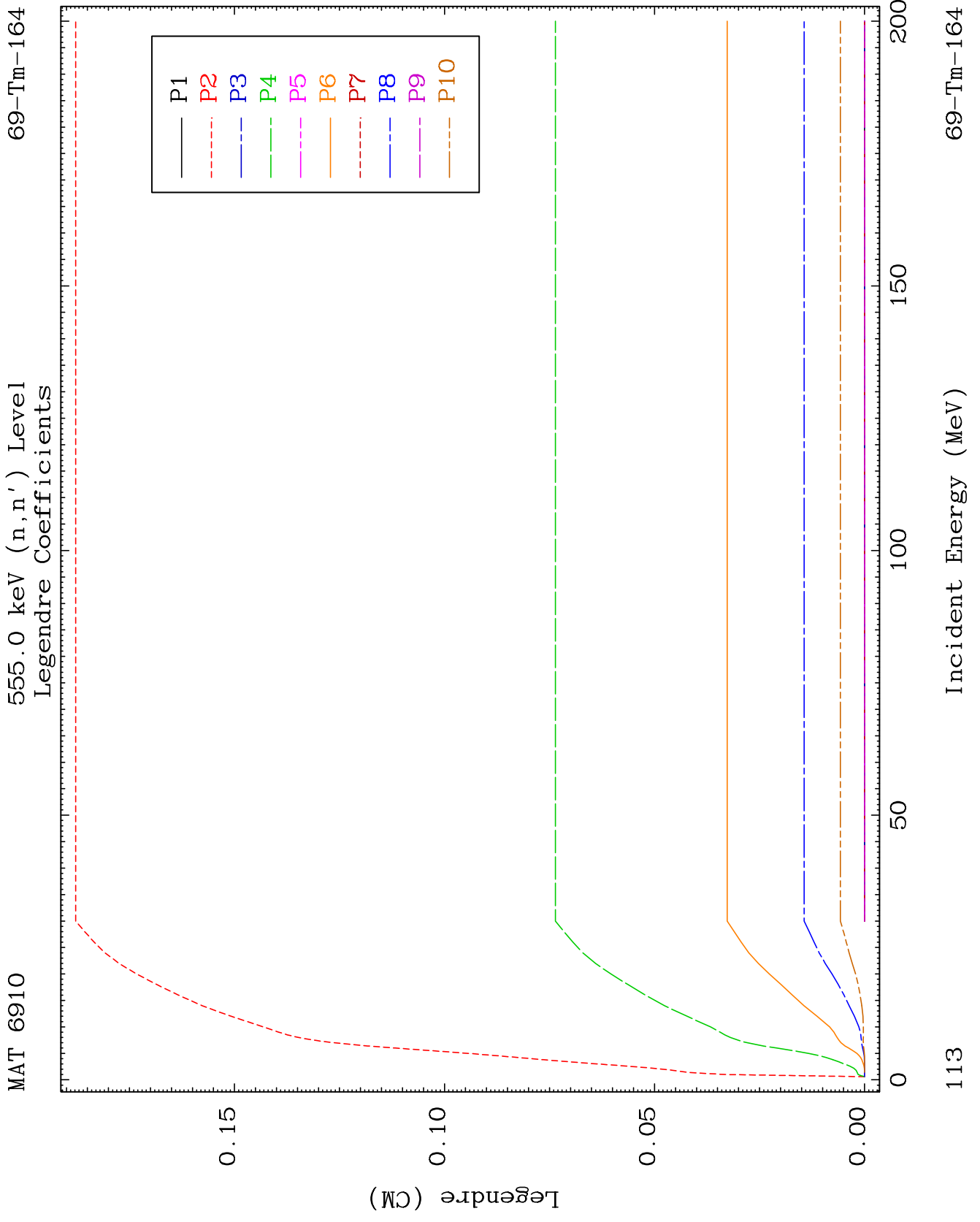


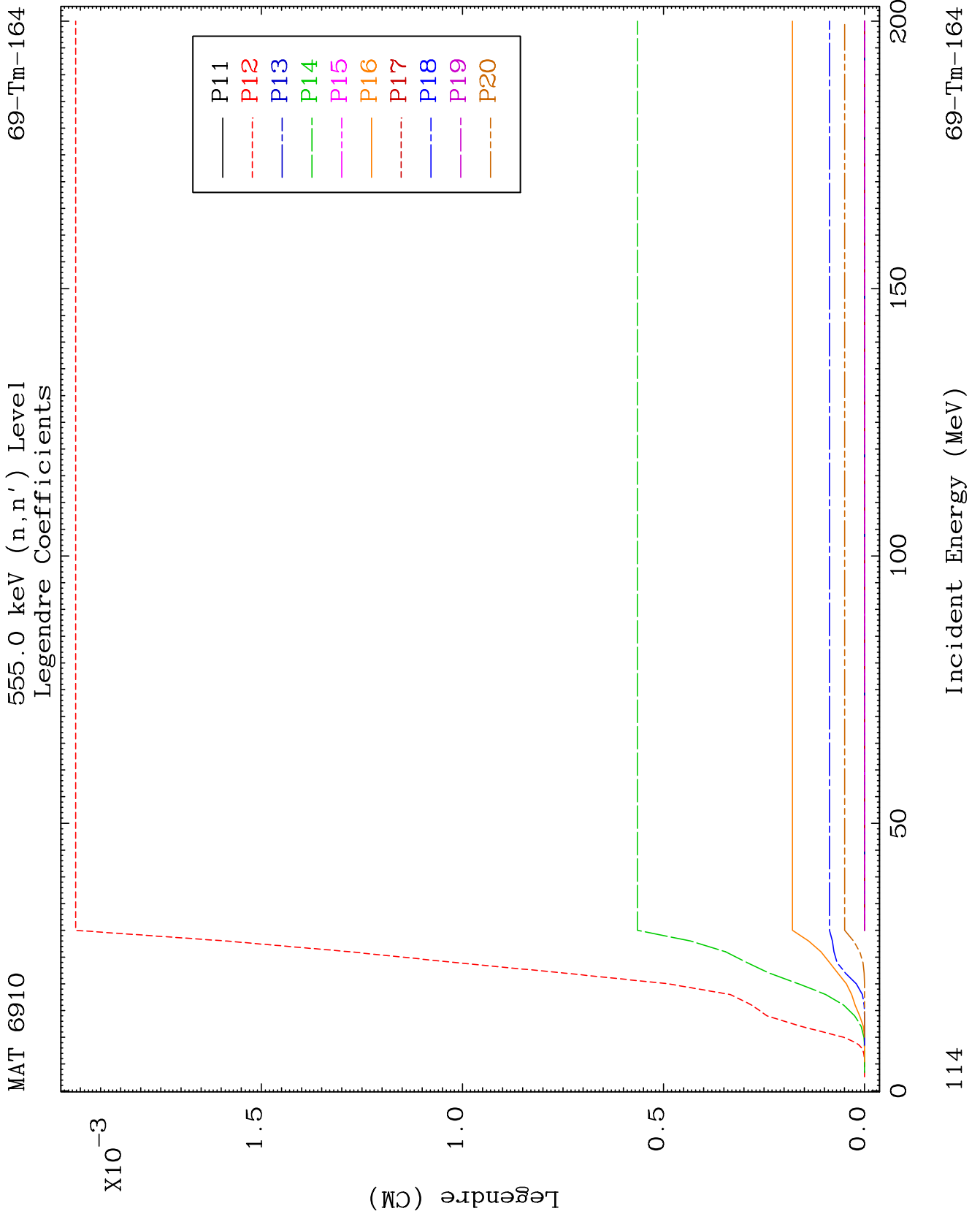


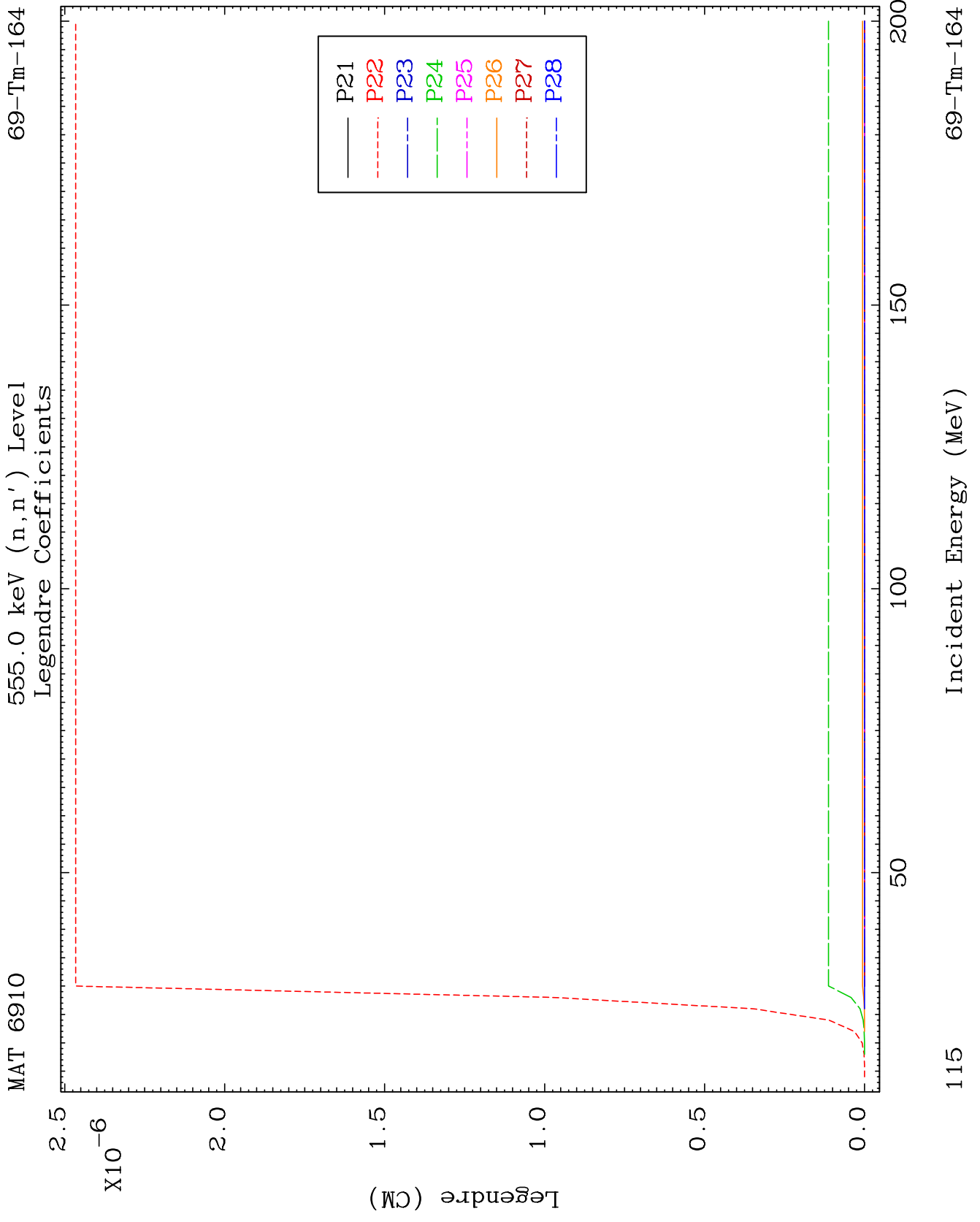


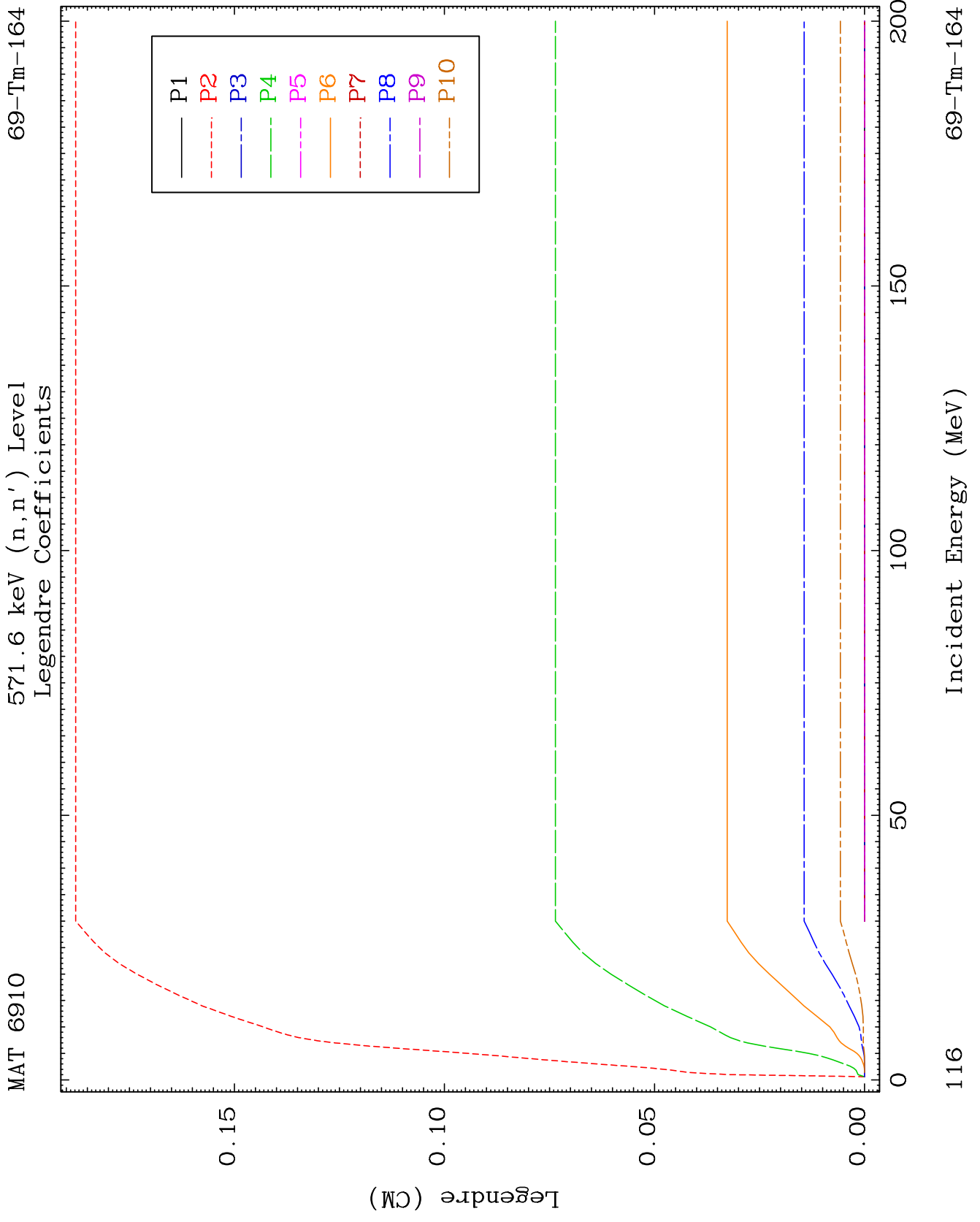


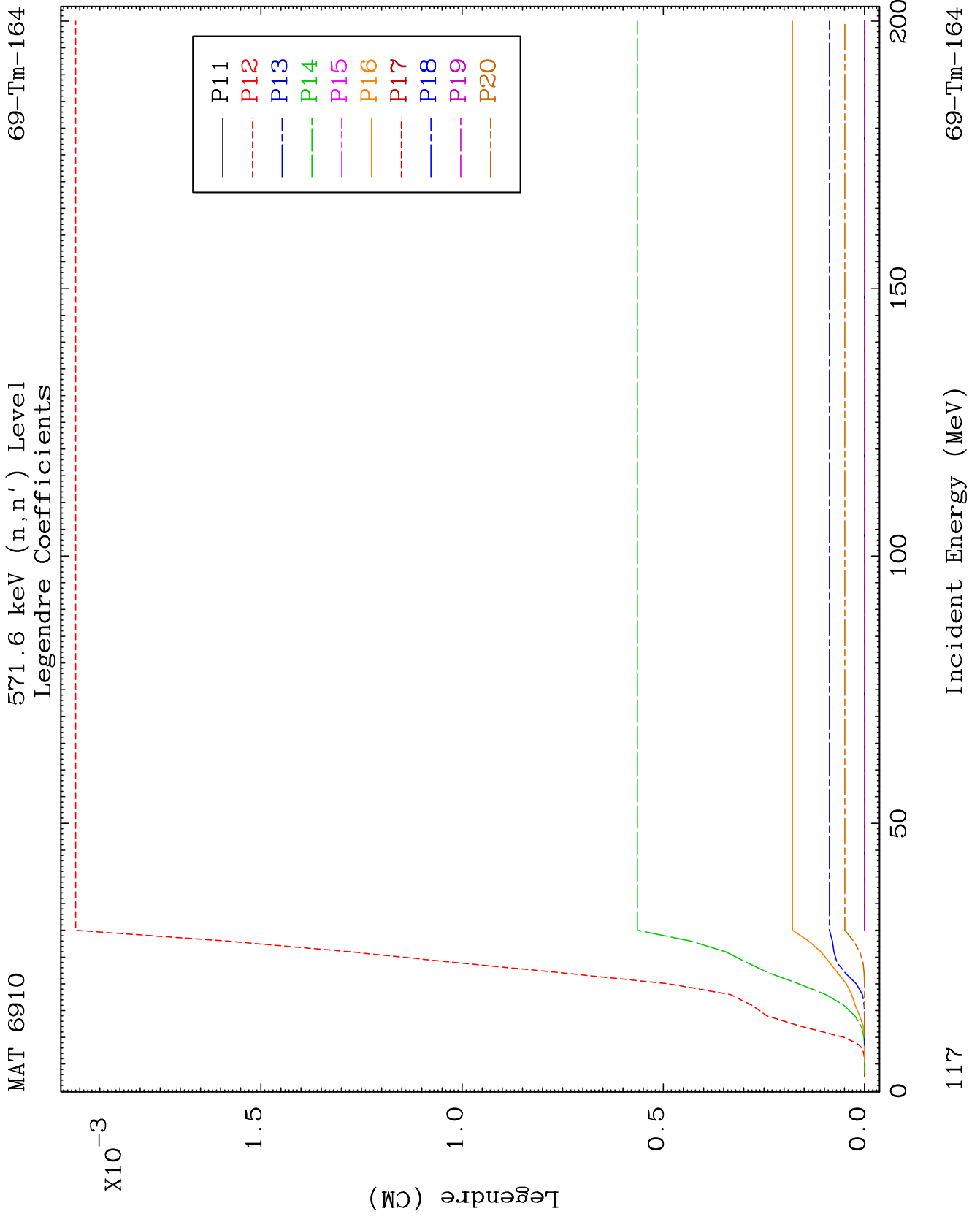


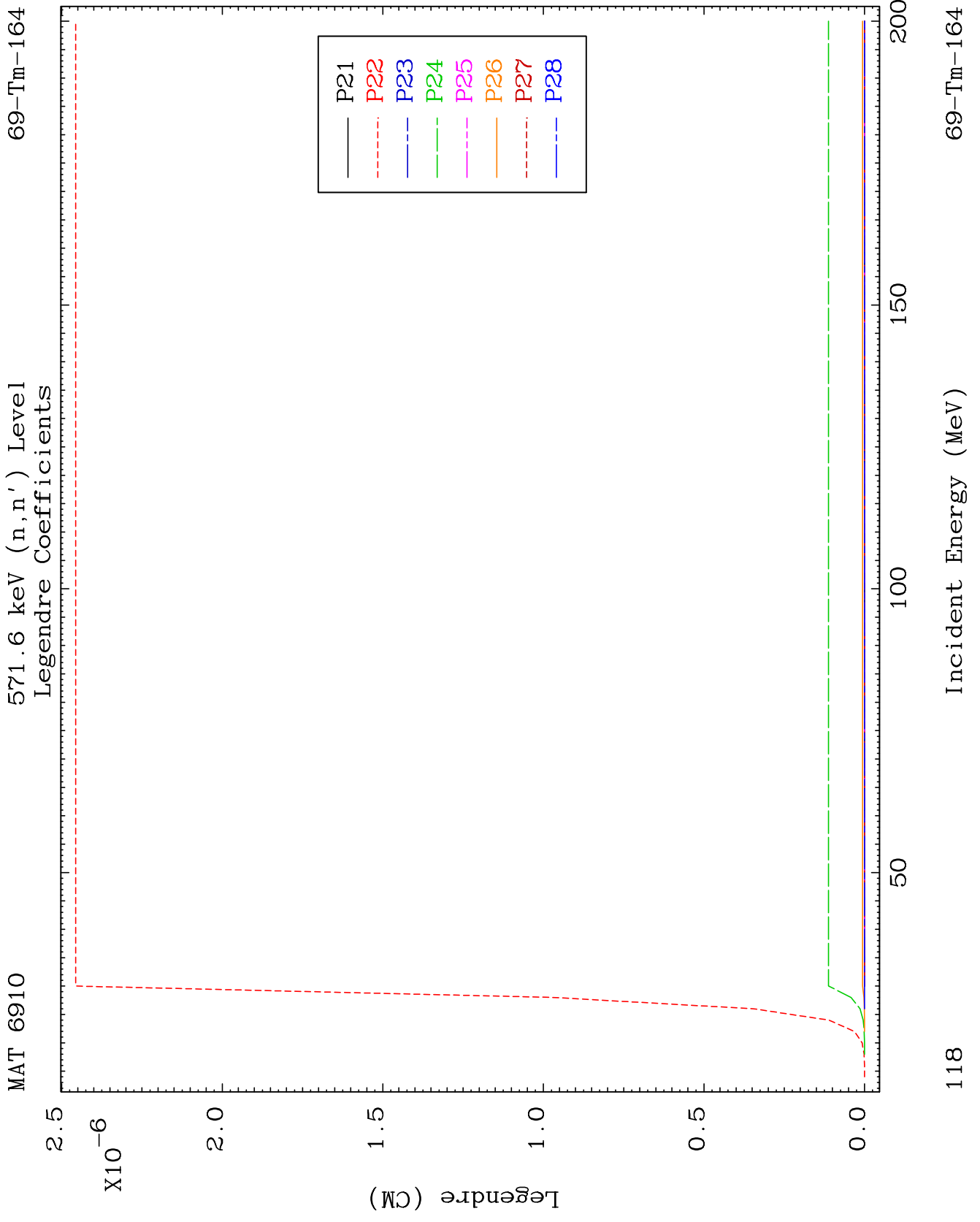


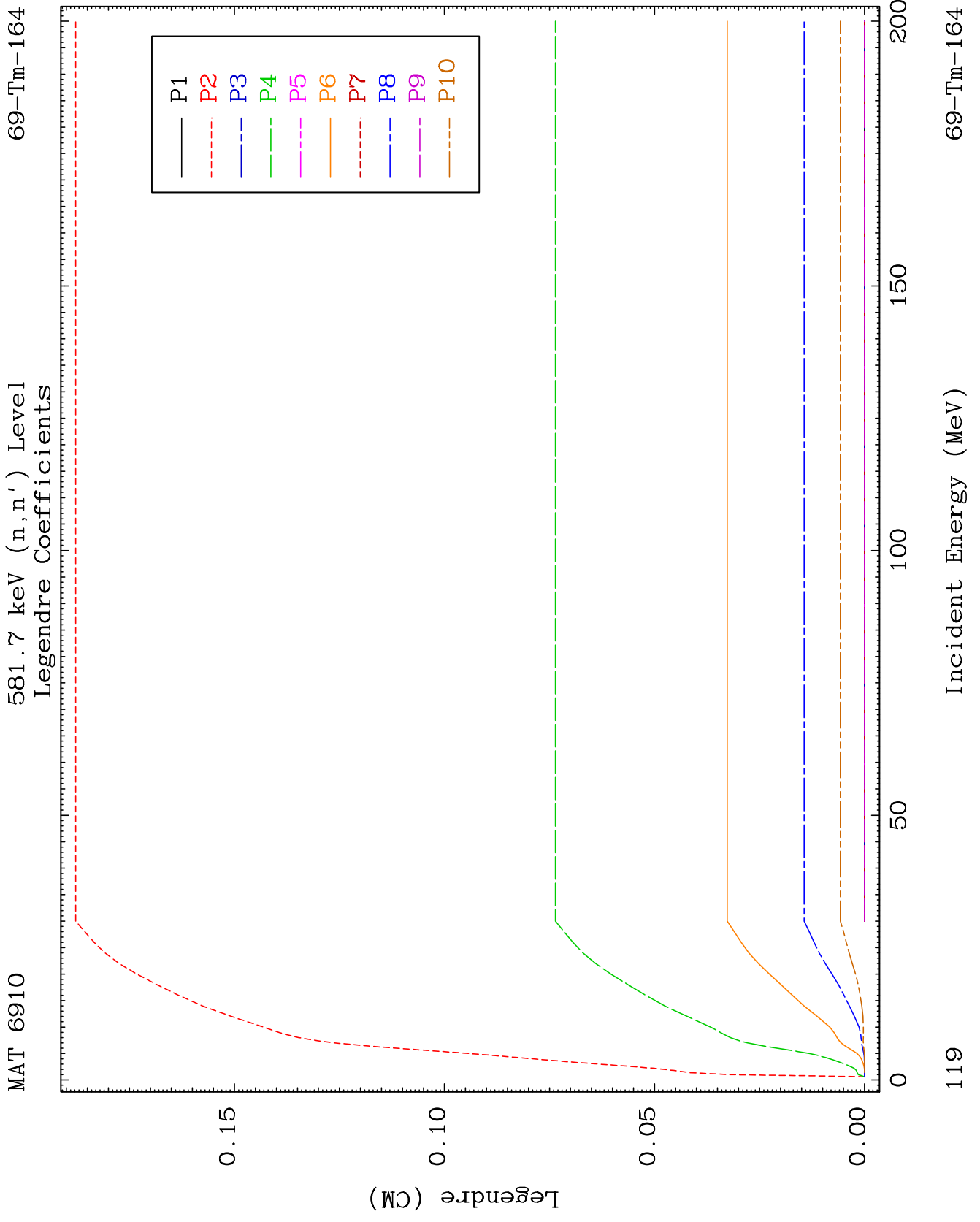


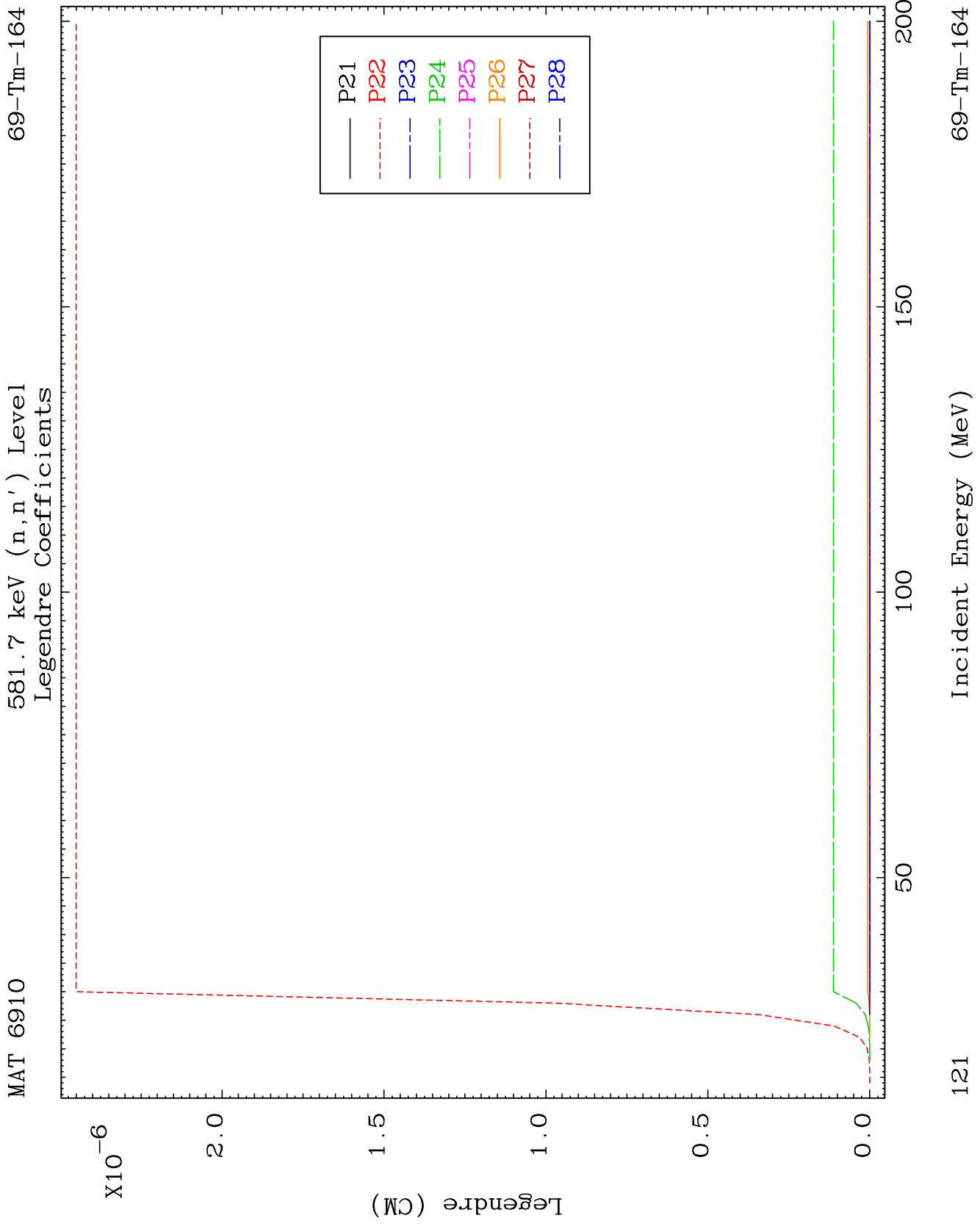








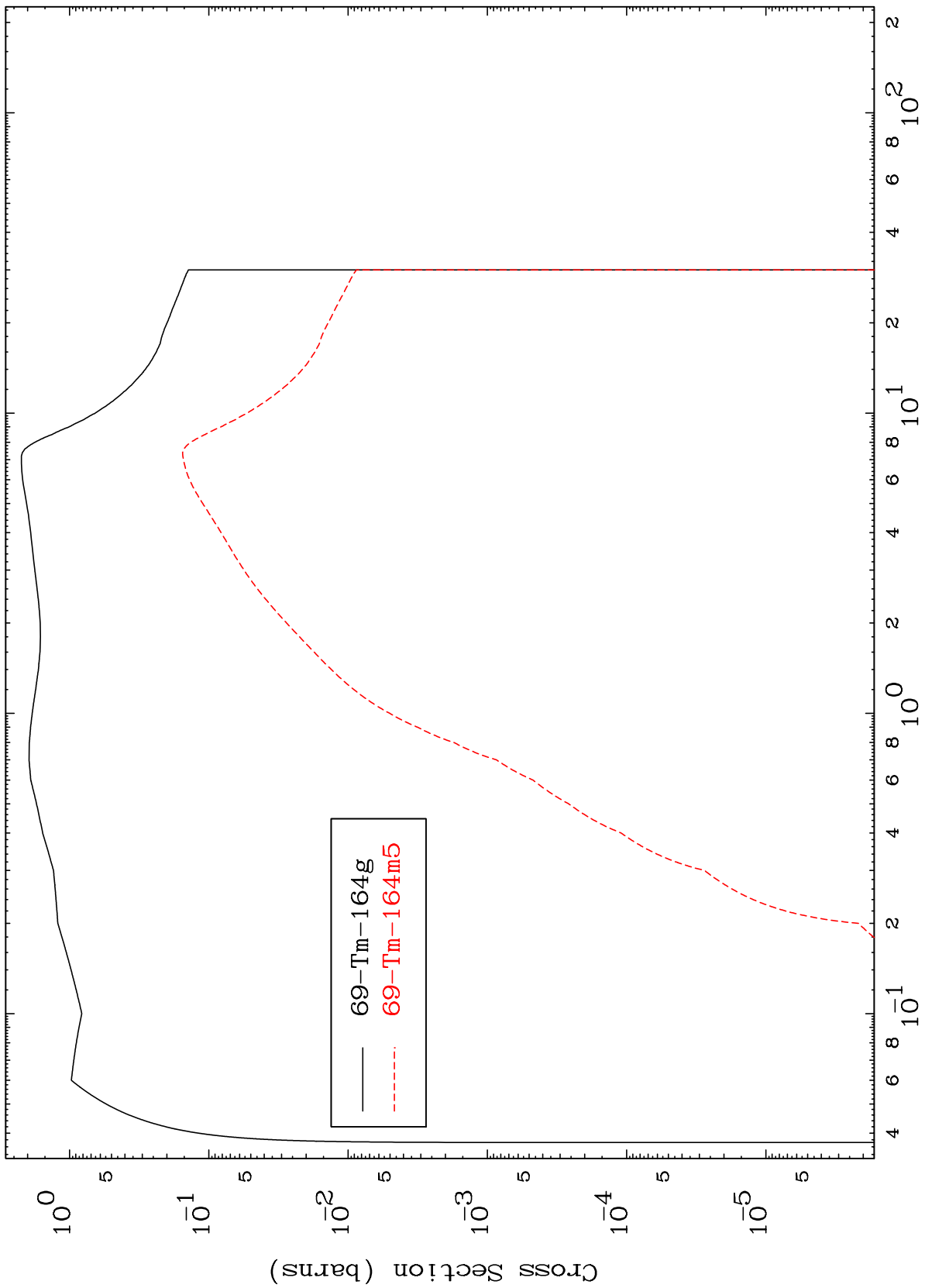




MAT 6910

69-Tm-164

Inelastic
Radionuclide Production Cross Section

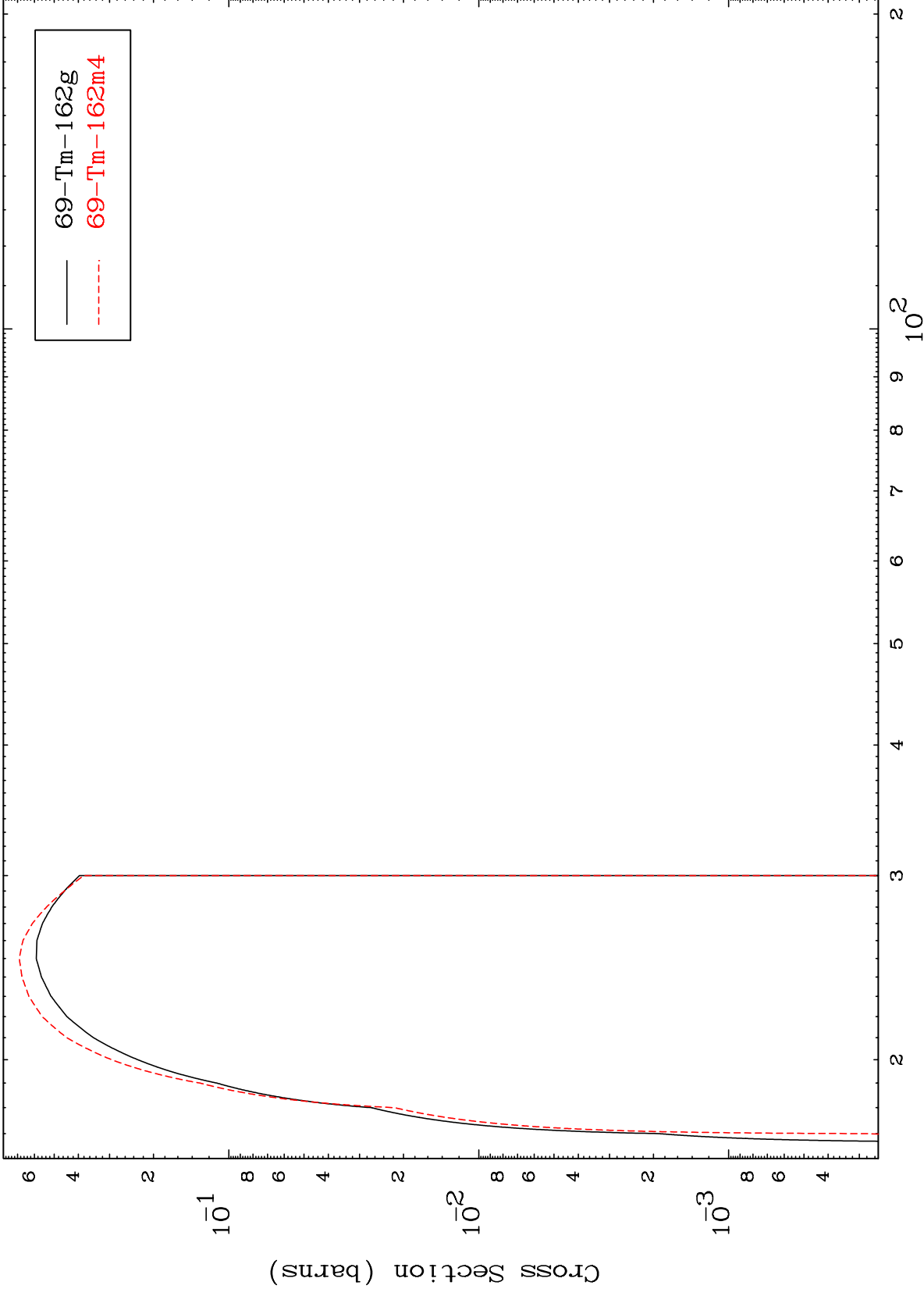


69-Tm-164

Incident Energy (MeV)

122

Radionuclide Production Cross Section



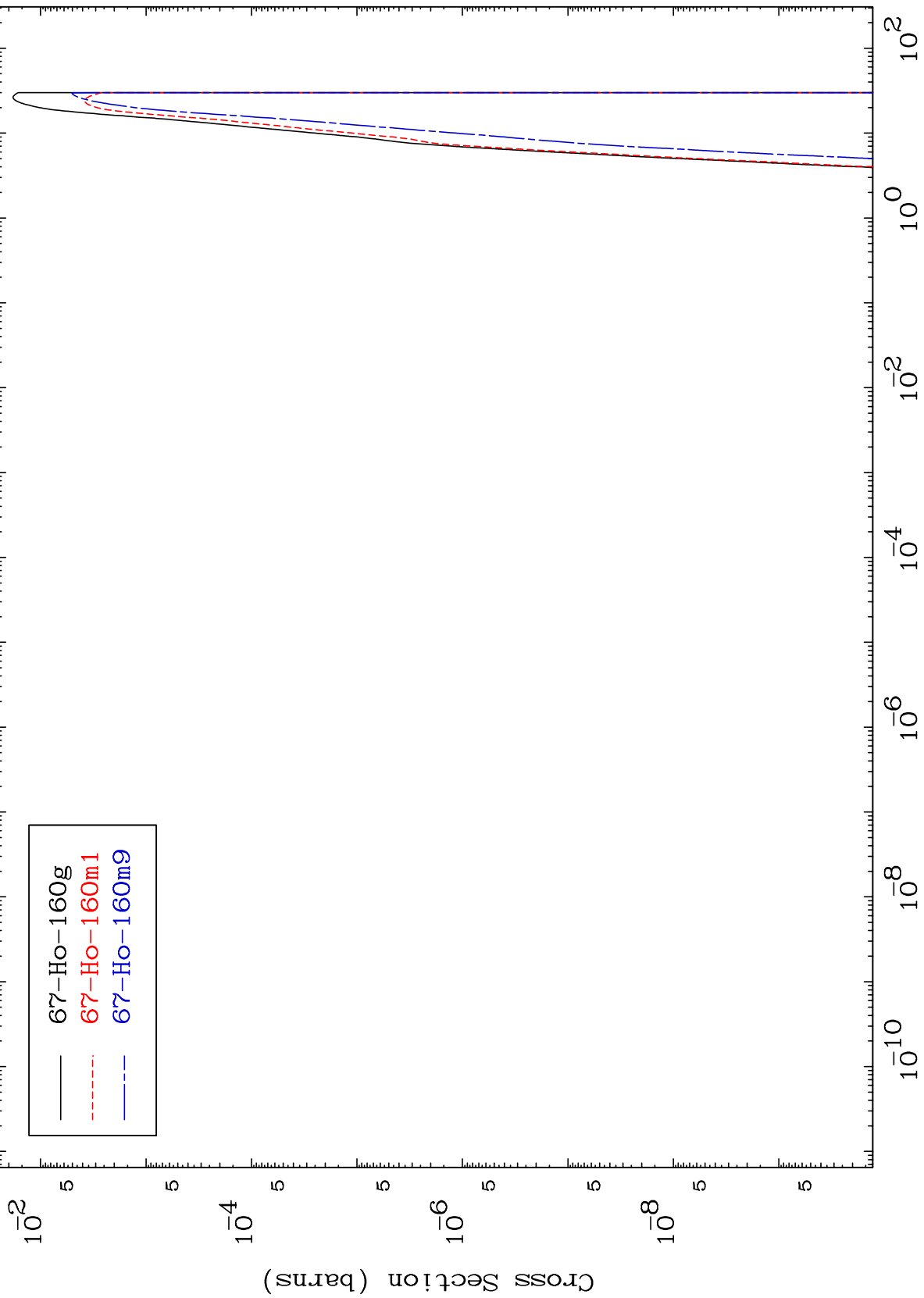
69-Tm-162g
69-Tm-162m4

MAT 6910

(n, n') α

69-Tm-164

Radionuclide Production Cross Section



124

Incident Energy (MeV)

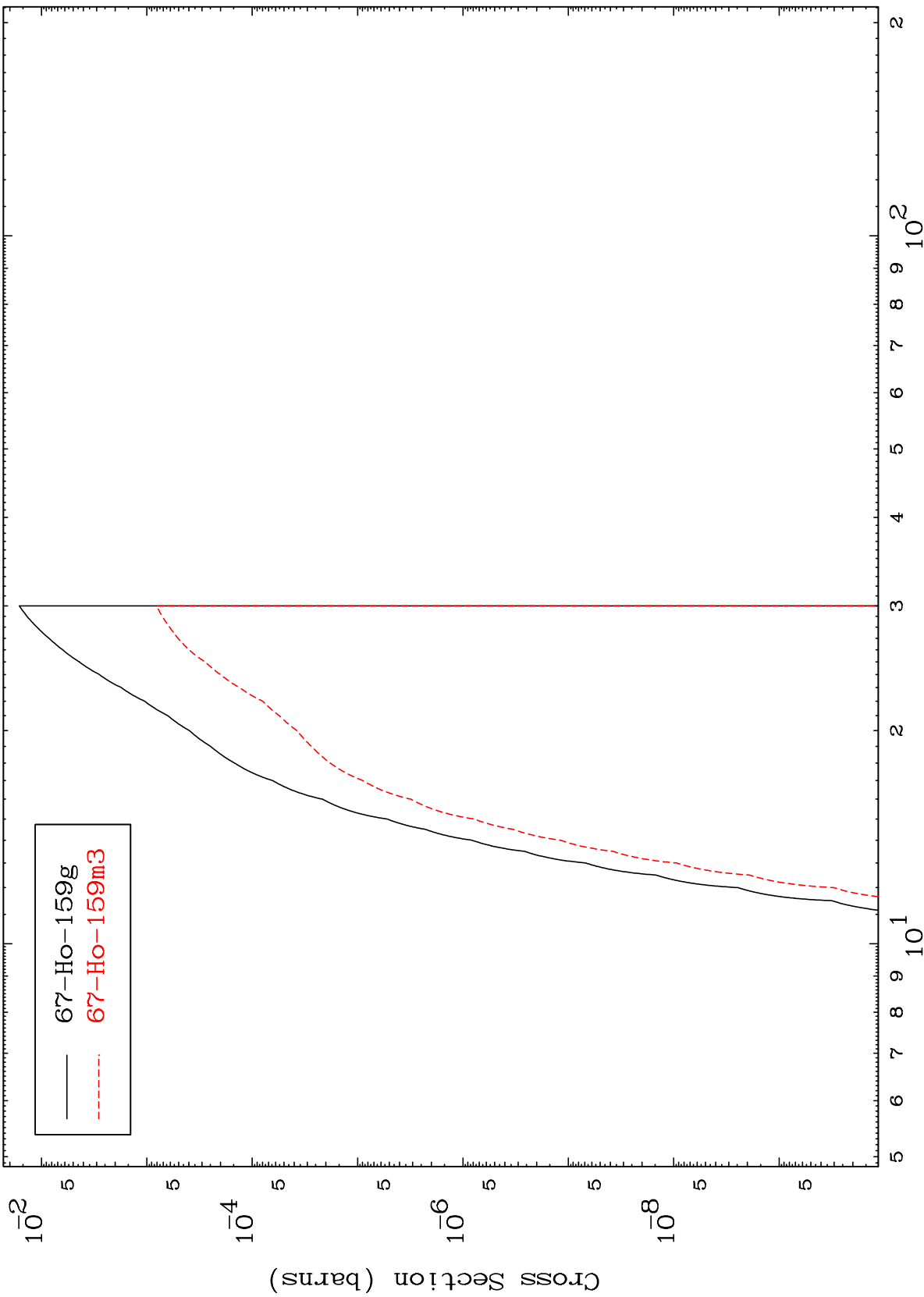
69-Tm-164

MAT 6910

$(n,2n) \alpha$

69-Tm-164

Radionuclide Production Cross Section



125

Incident Energy (MeV)

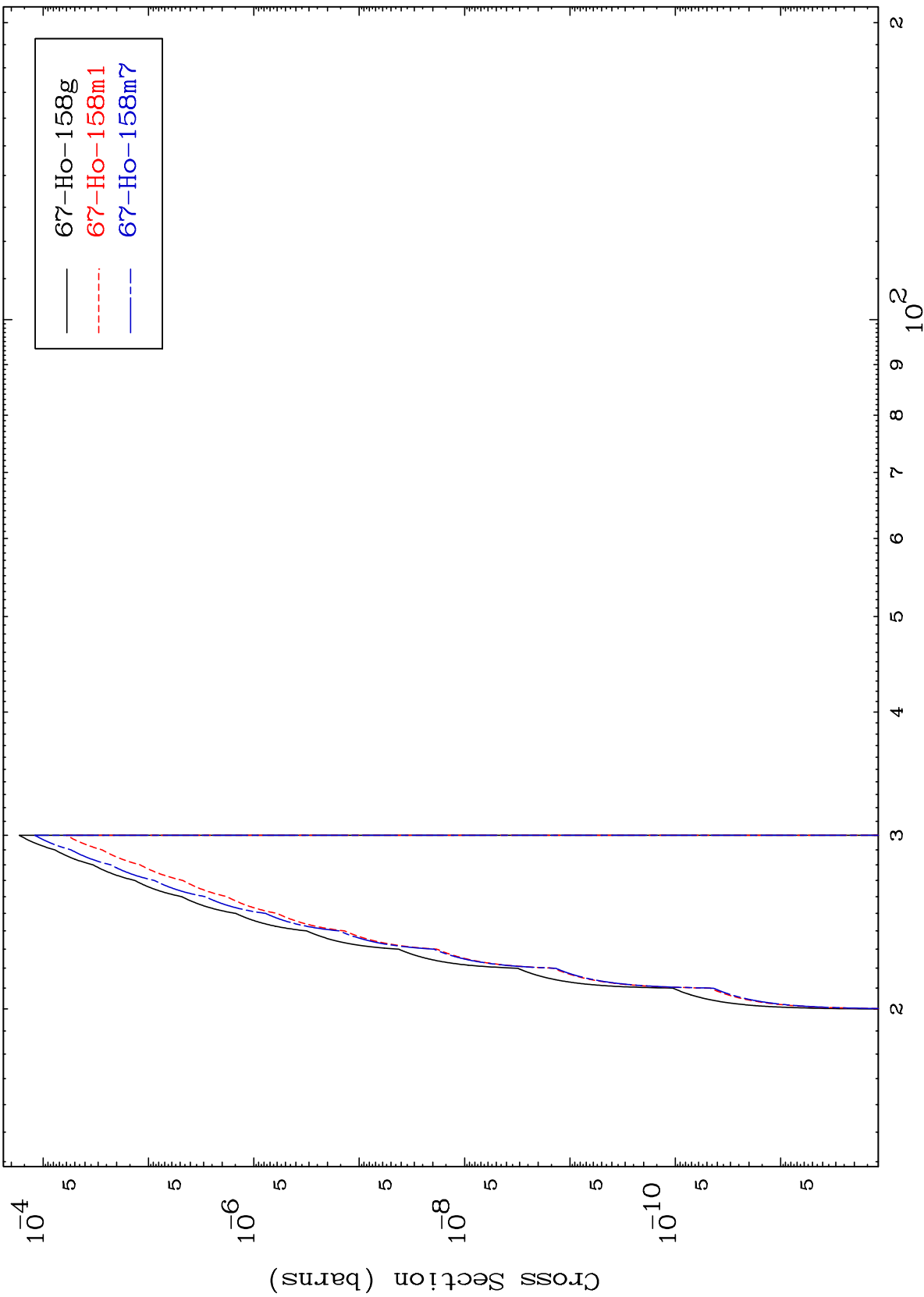
69-Tm-164

MAT 6910

(n,3n) α

69-Tm-164

Radionuclide Production Cross Section



126

Incident Energy (MeV)

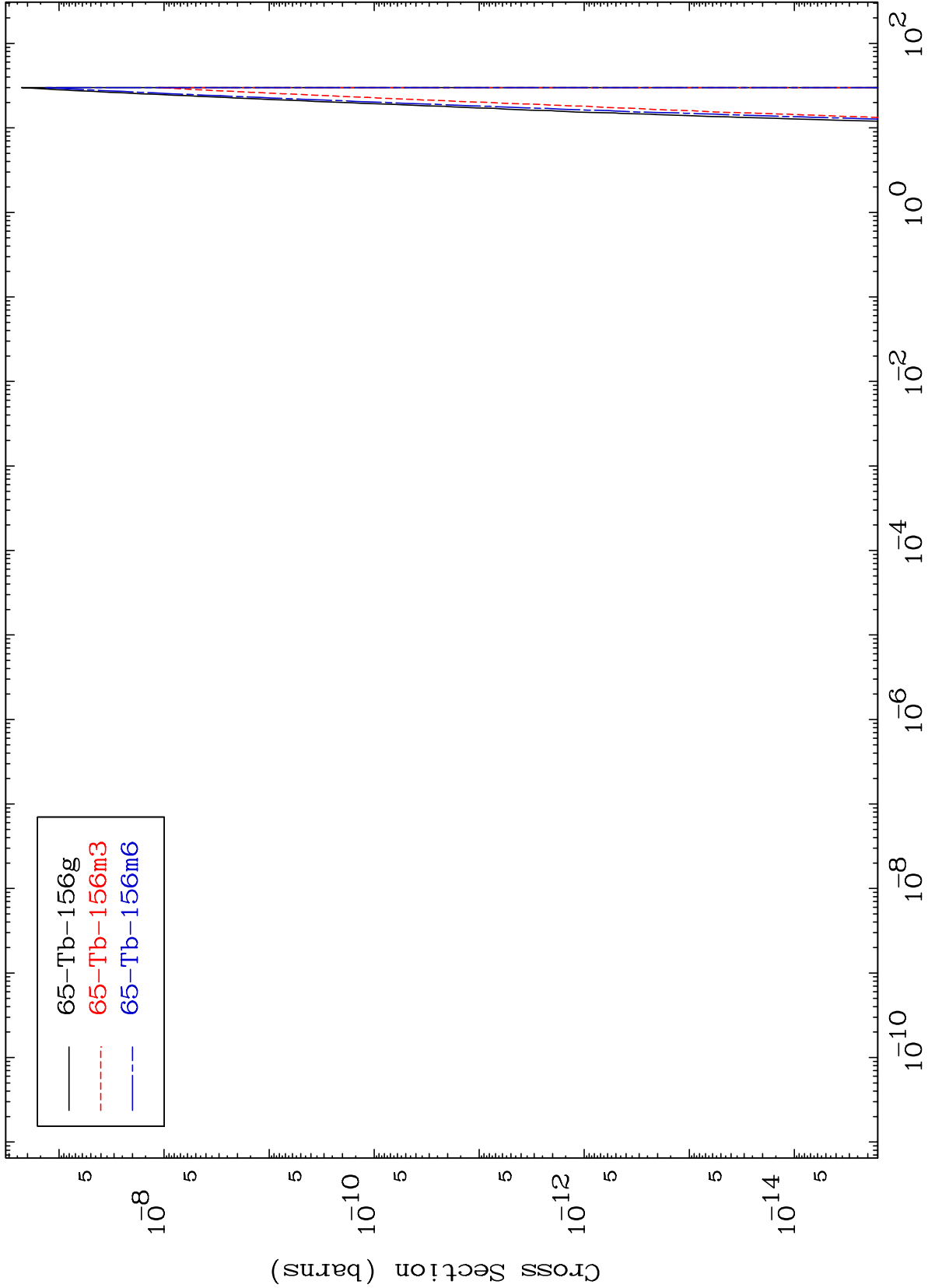
69-Tm-164

MAT 6910

(n,n') 2α

69-Tm-164

Radionuclide Production Cross Section

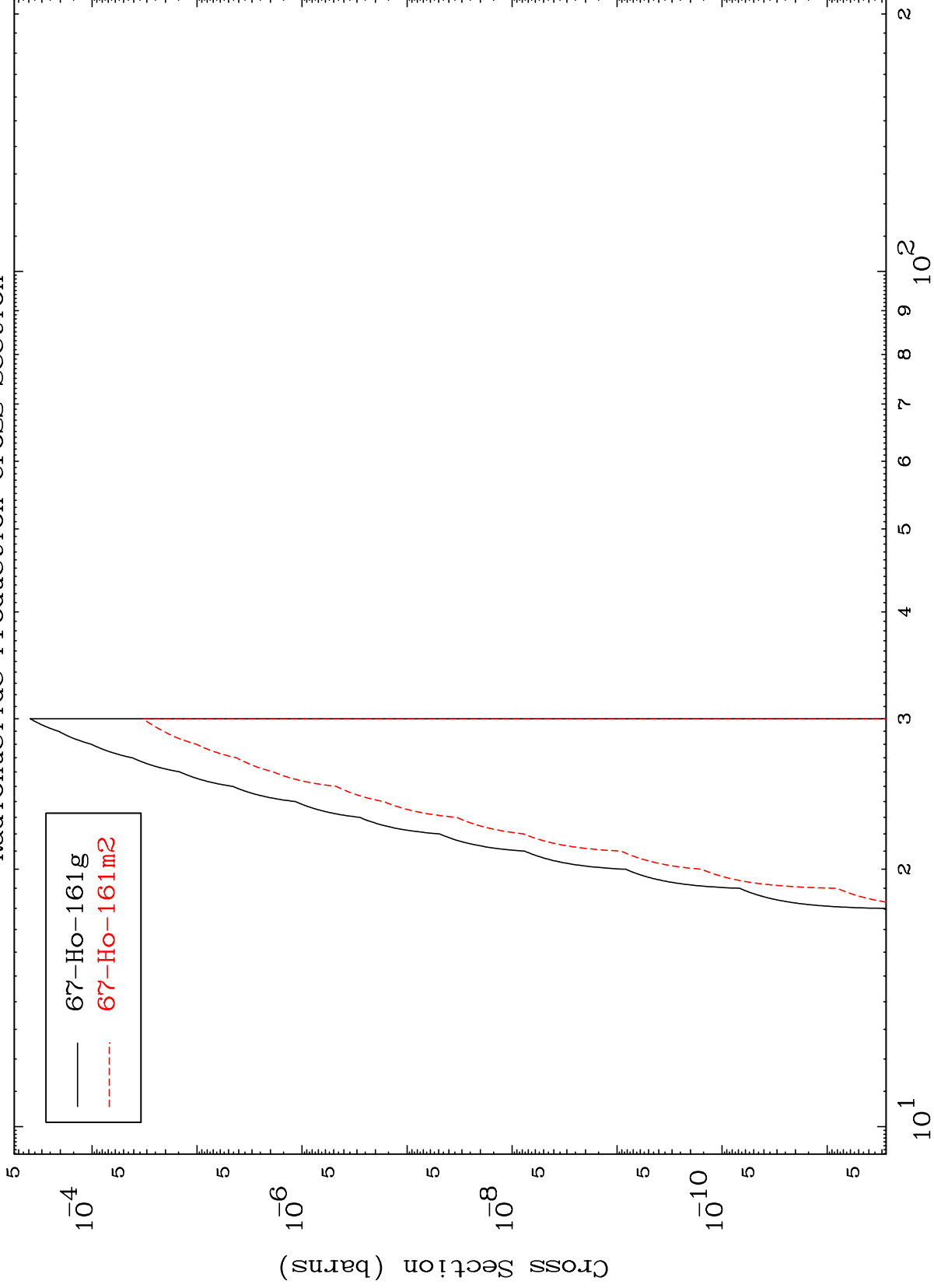


MAT 6910

(n,n') He-3

69-Tm-164

Radionuclide Production Cross Section

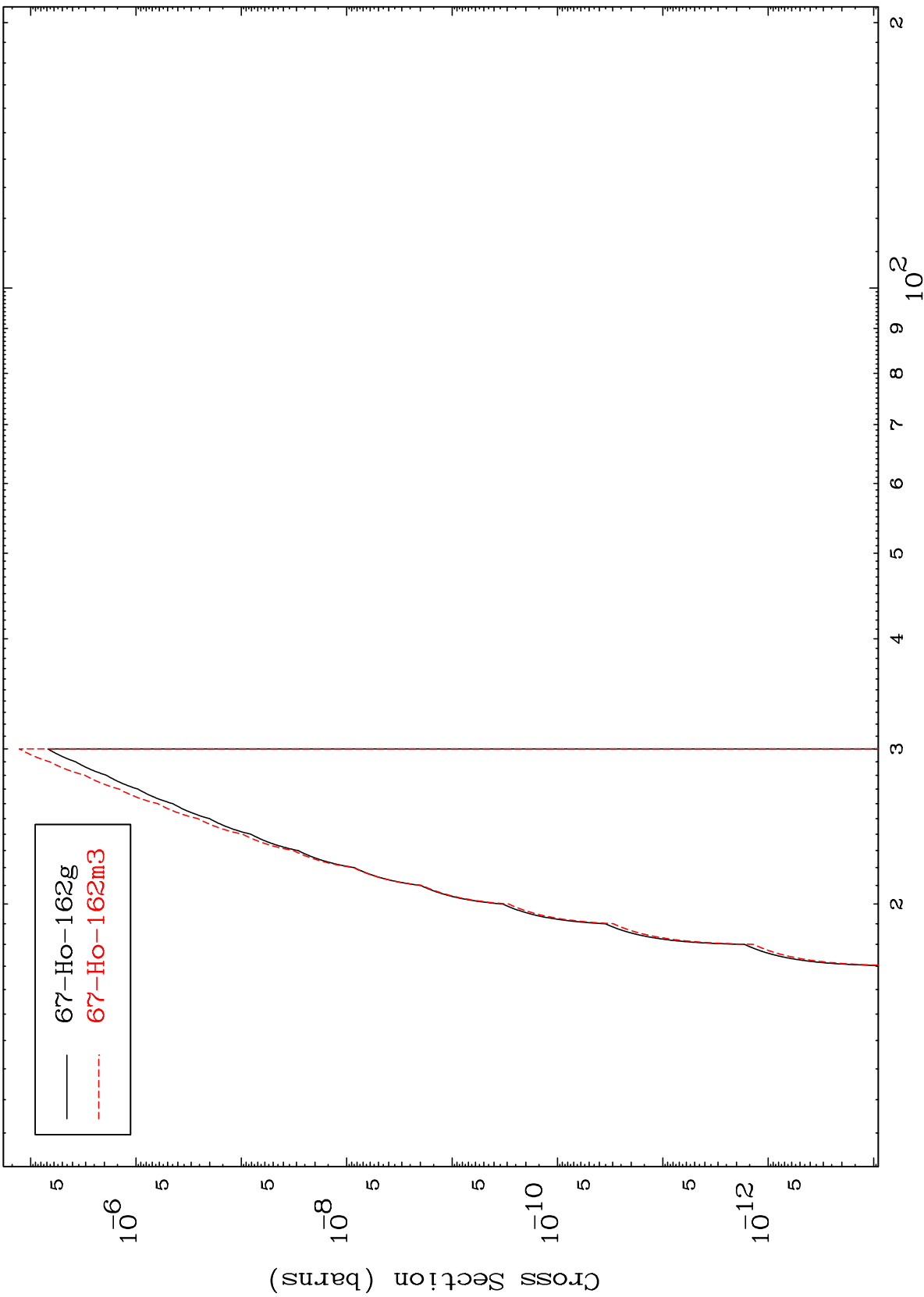


MAT 6910

(n,2n) p

69-Tm-164

Radionuclide Production Cross Section

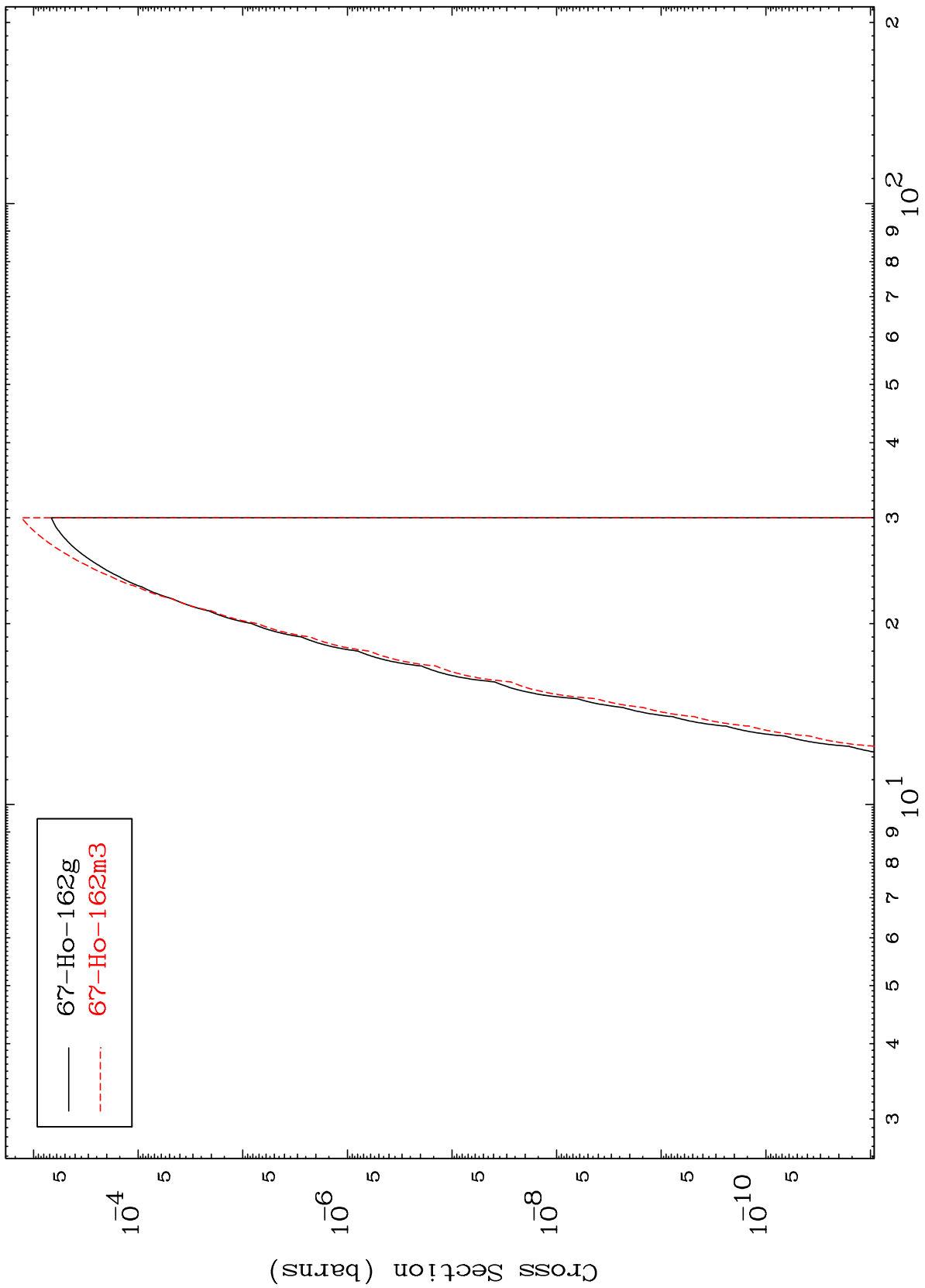


67-Ho-162g
67-Ho-162m3

MAT 6910

69-Tm-164

Radionuclide Production Cross Section
(n,He-3)



130

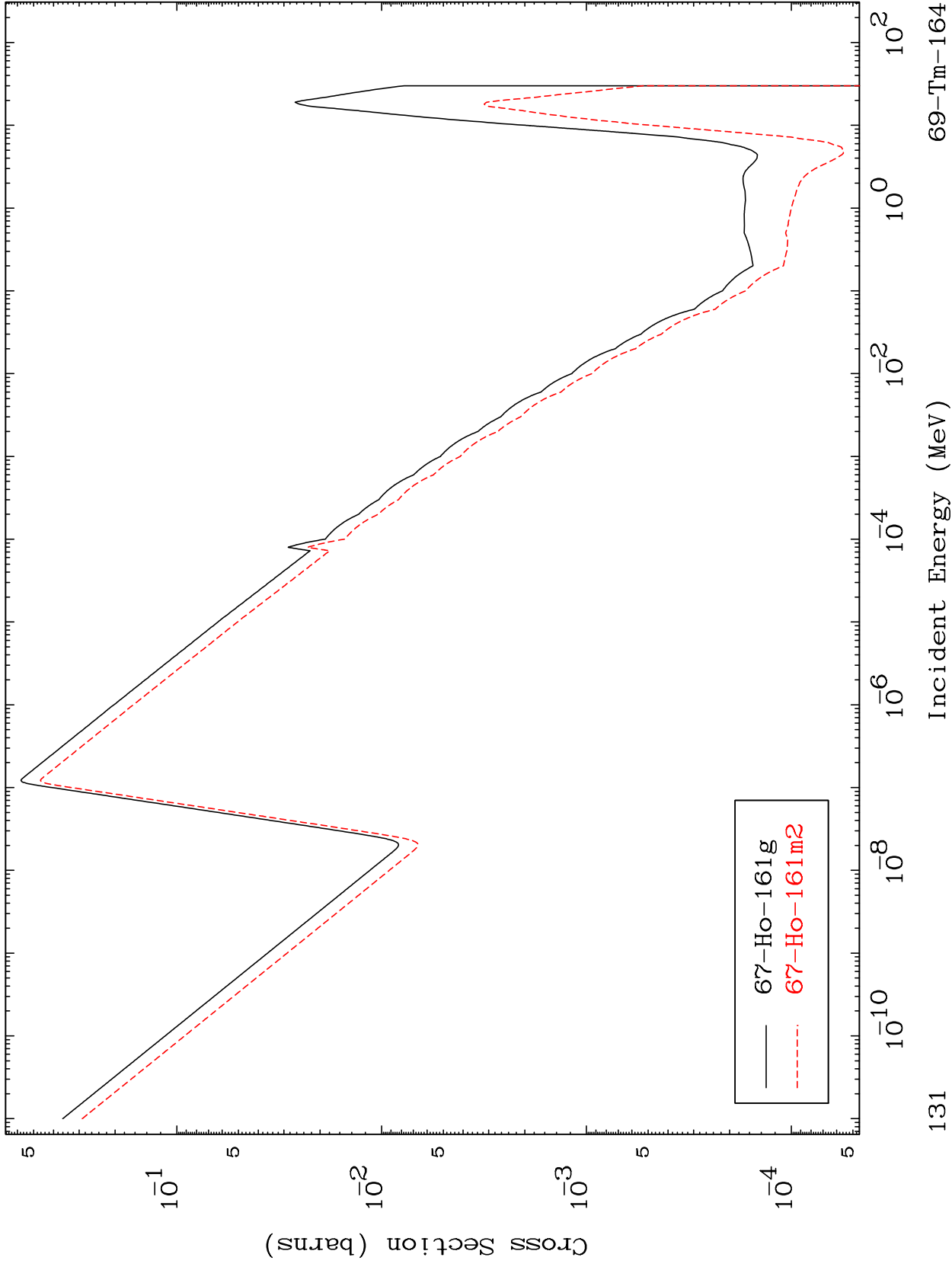
Incident Energy (MeV)

69-Tm-164

MAT 6910

69-Tm-164

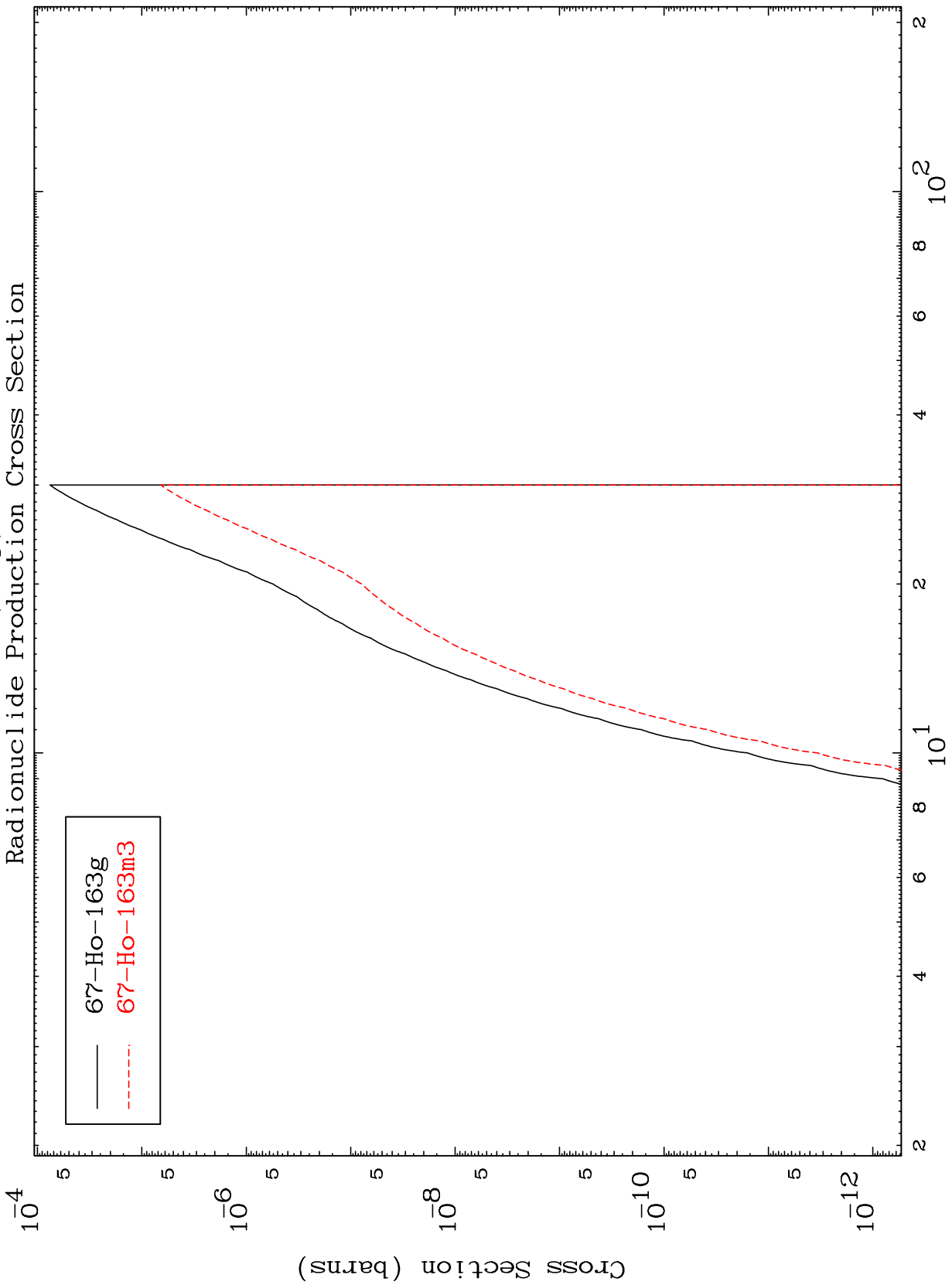
(n, α)
Radionuclide Production Cross Section



MAT 6910

69-Tm-164

(n,2p)
Radionuclide Production Cross Section



132

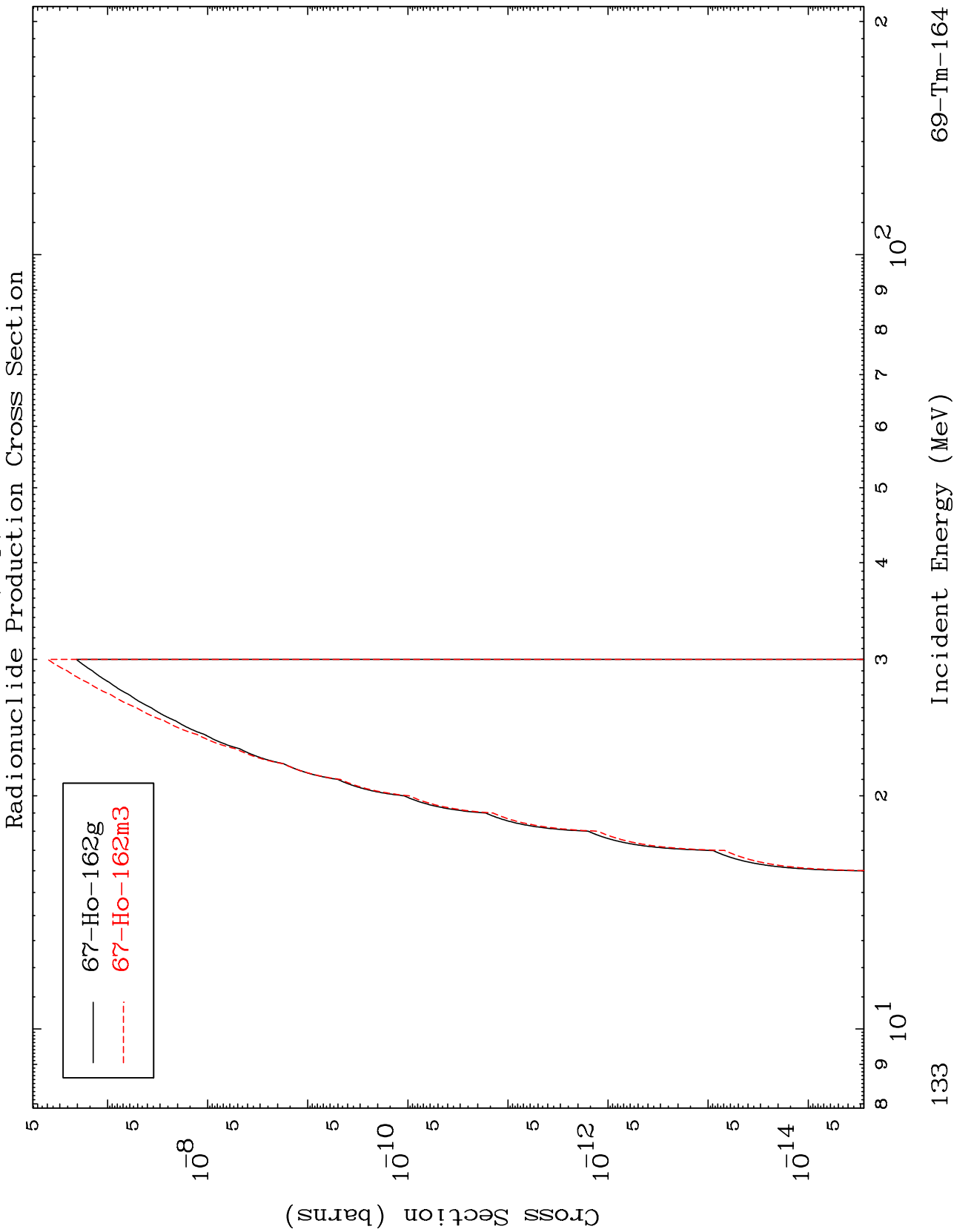
69-Tm-164

Incident Energy (MeV)

MAT 6910

(n,p) d

⁶⁹Tm-164



133

Incident Energy (MeV)

⁶⁹Tm-164

