

Program EVALPLOT  
(Version 2015-2)

by

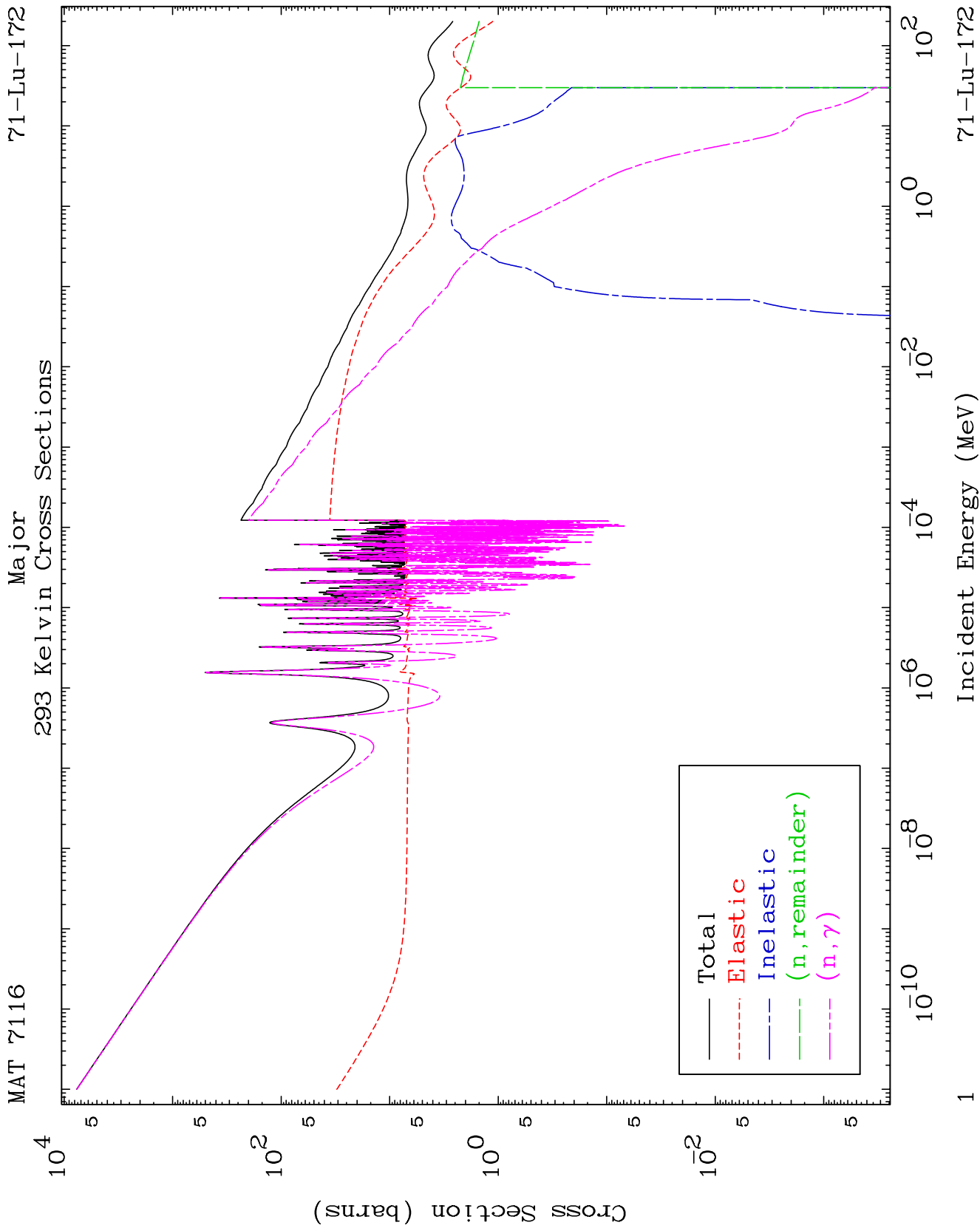
Dermott E. Cullen  
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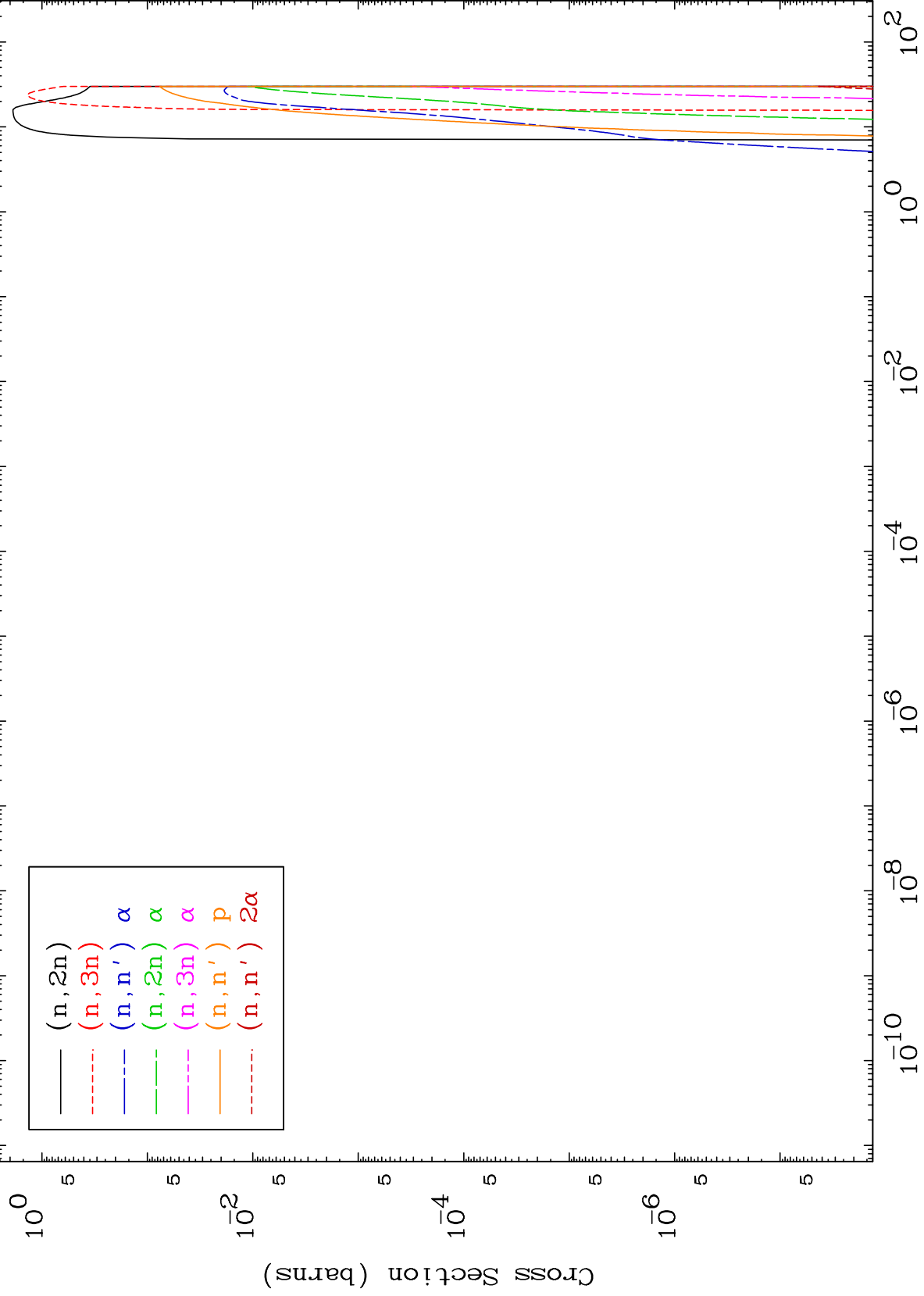
Press Mouse Button to Start



MAT 7116

Neutron Production  
293 Kelvin Cross Sections

71-Lu-172



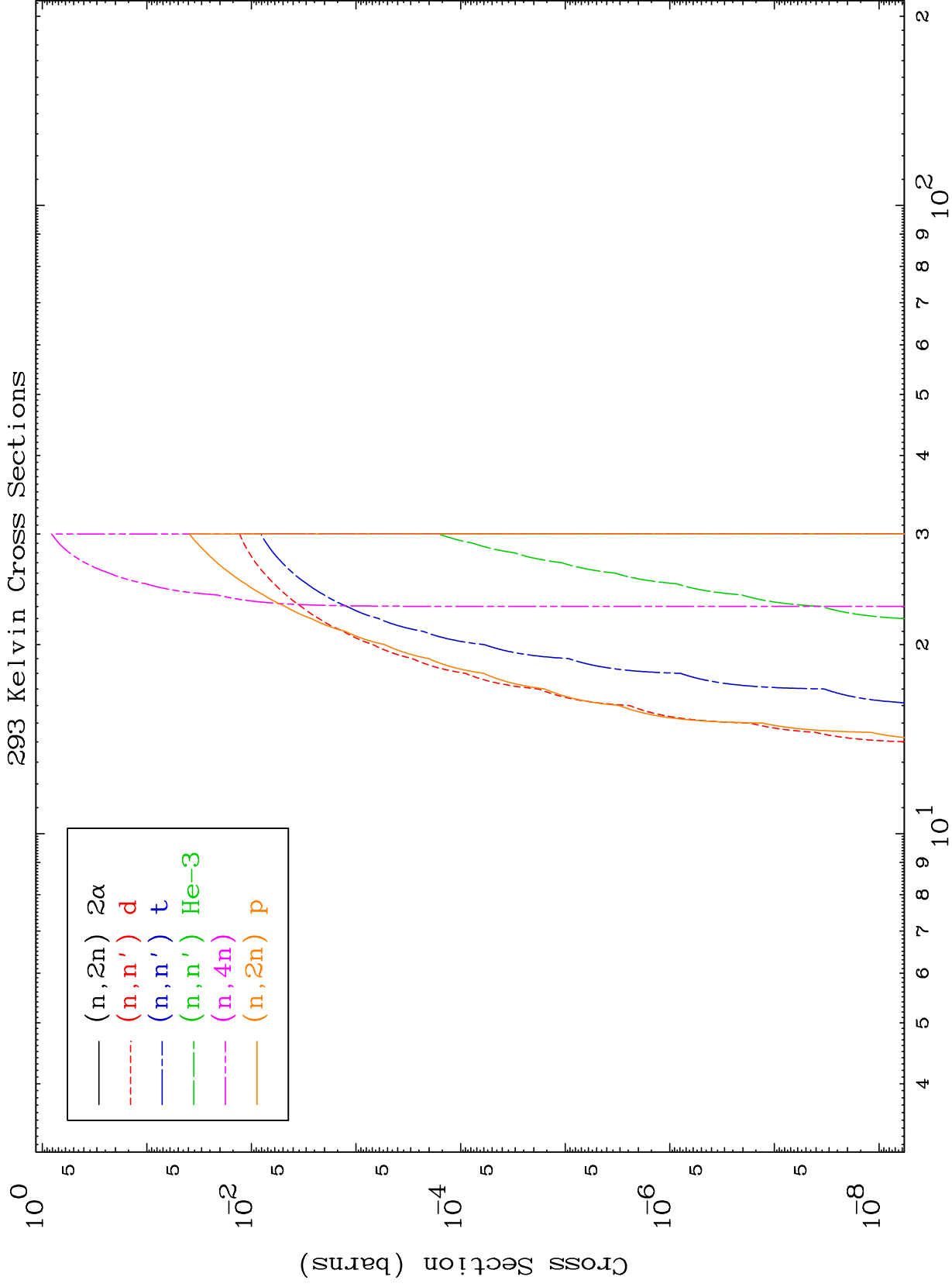
71-Lu-172

Incident Energy (MeV)

MAT 7116

Neutron Production  
293 Kelvin Cross Sections

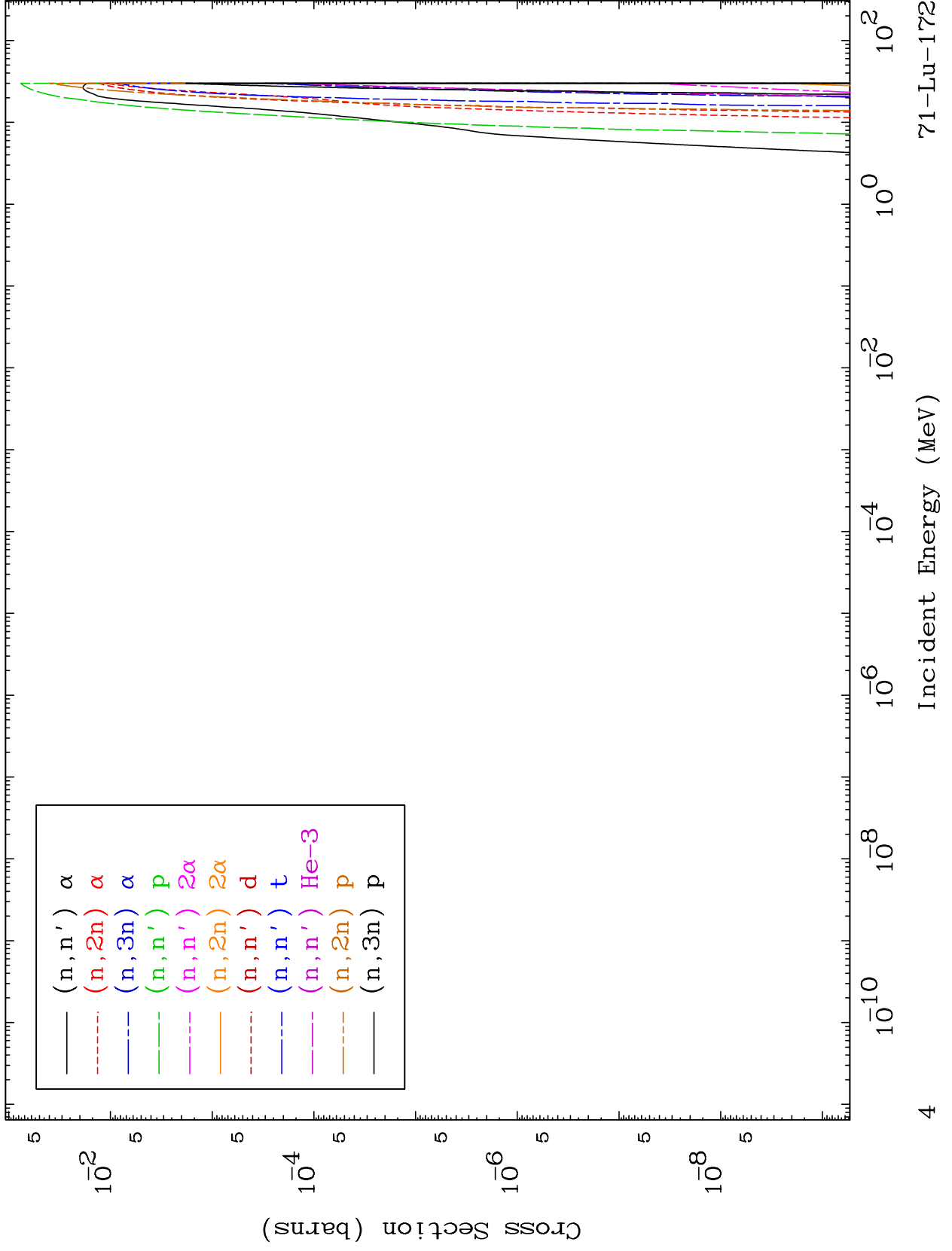
71-Lu-172



MAT 7116

Charged Particle  
293 Kelvin Cross Sections

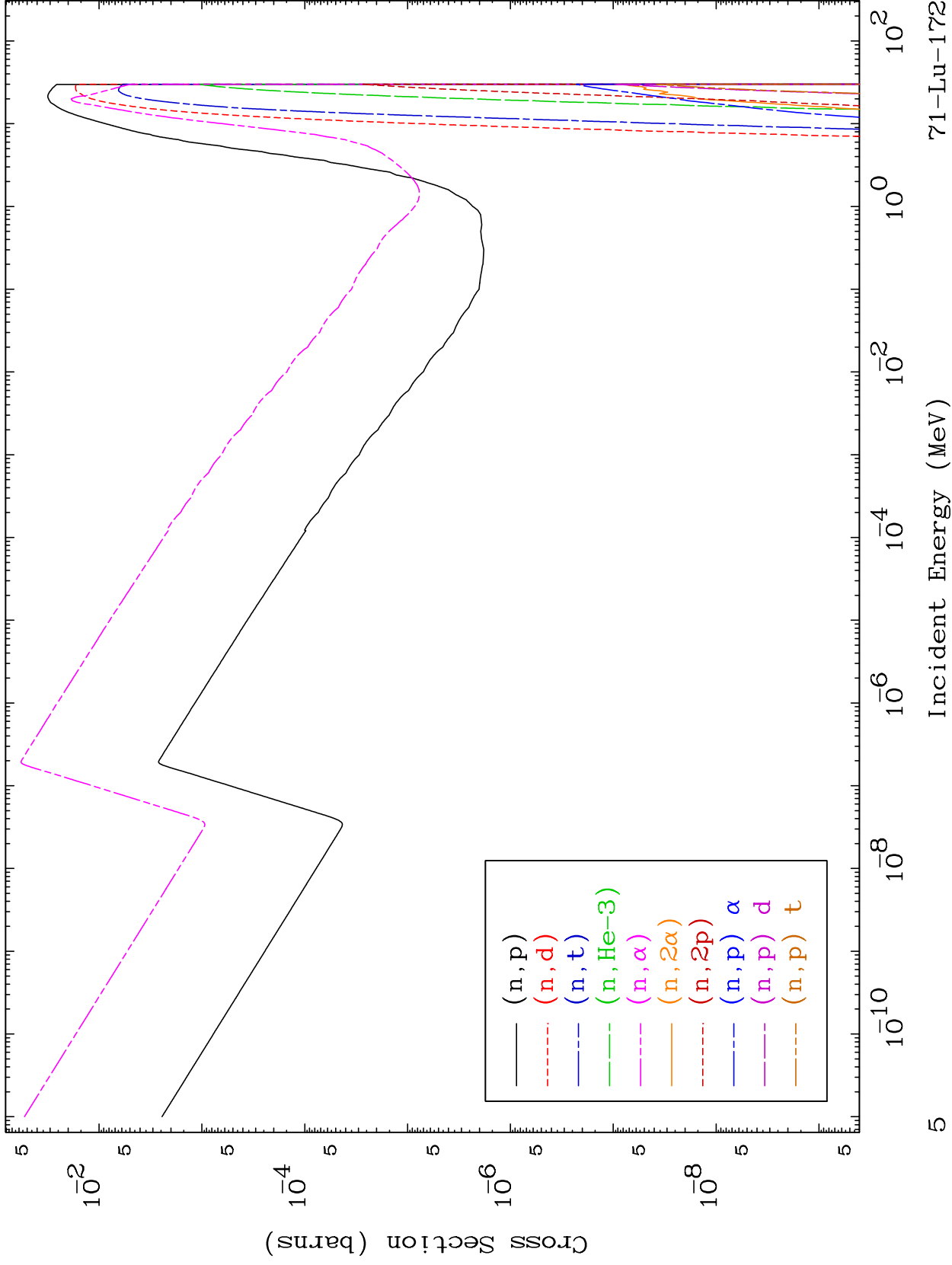
71-Lu-172



MAT 7116

Charged Particle  
293 Kelvin Cross Sections

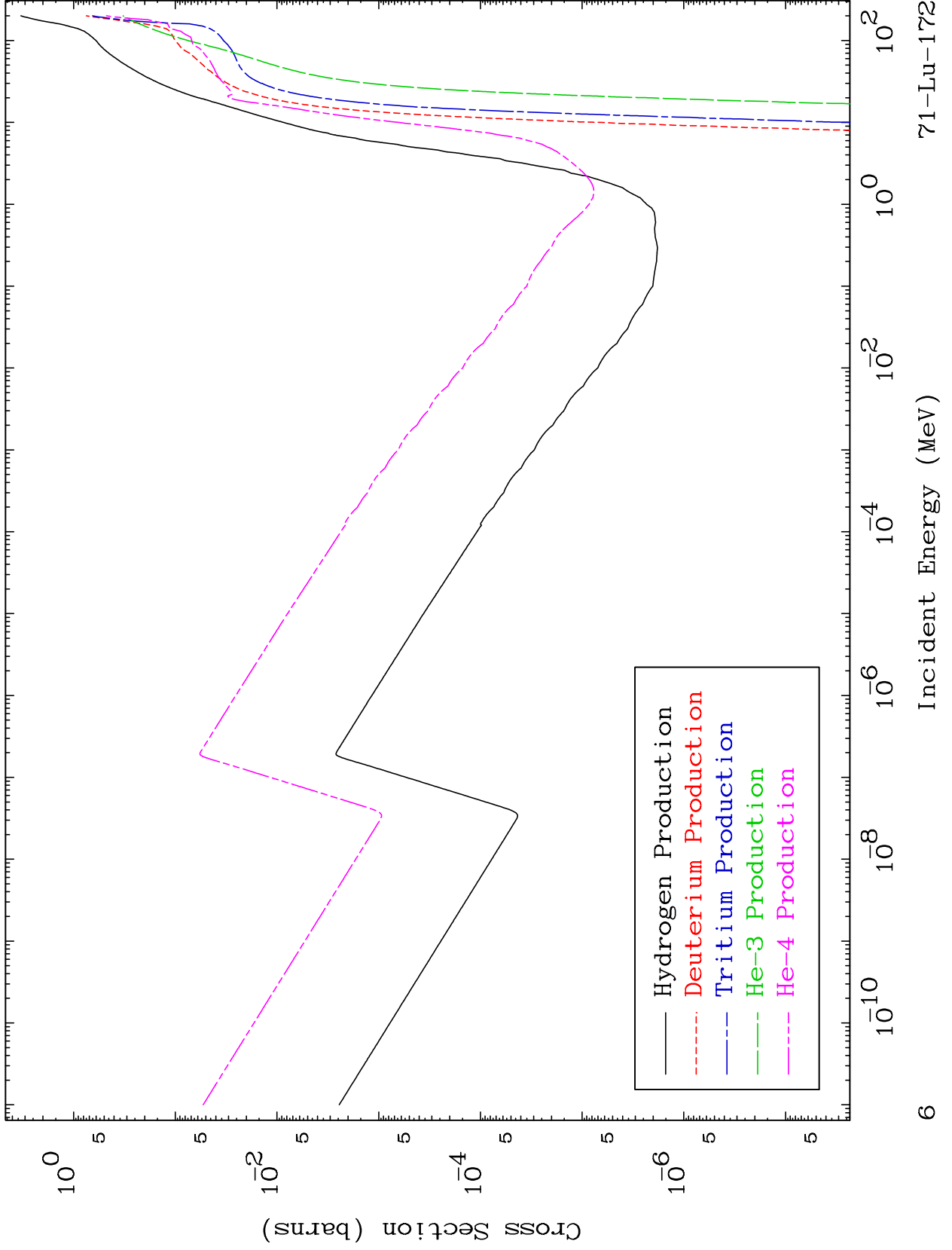
71-Lu-172



MAT 7116

Particle Production  
293 Kelvin Cross Sections

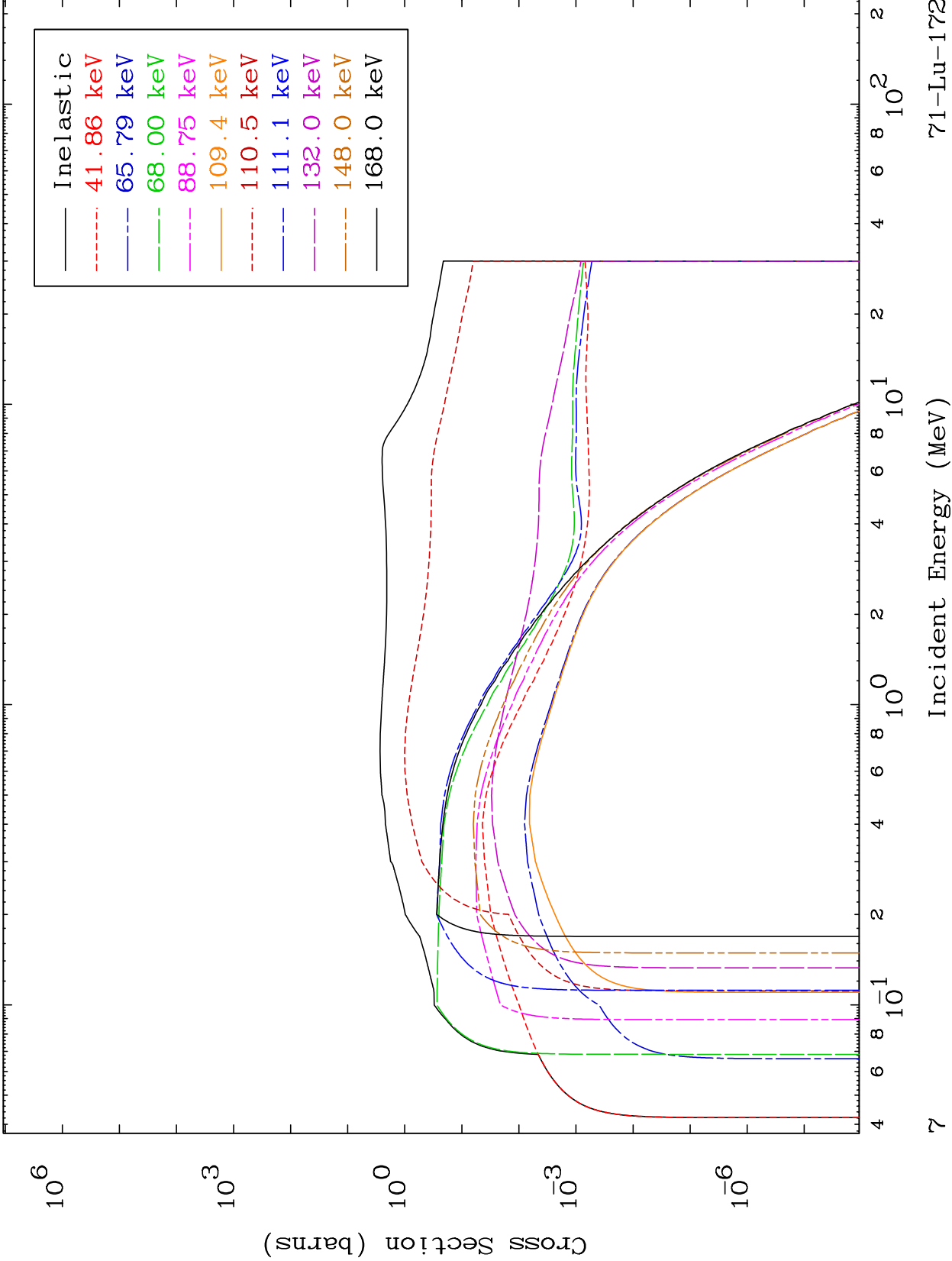
71-Lu-172



MAT 7116

(n,n') Level  
293 Kelvin Cross Sections

71-Lu-172



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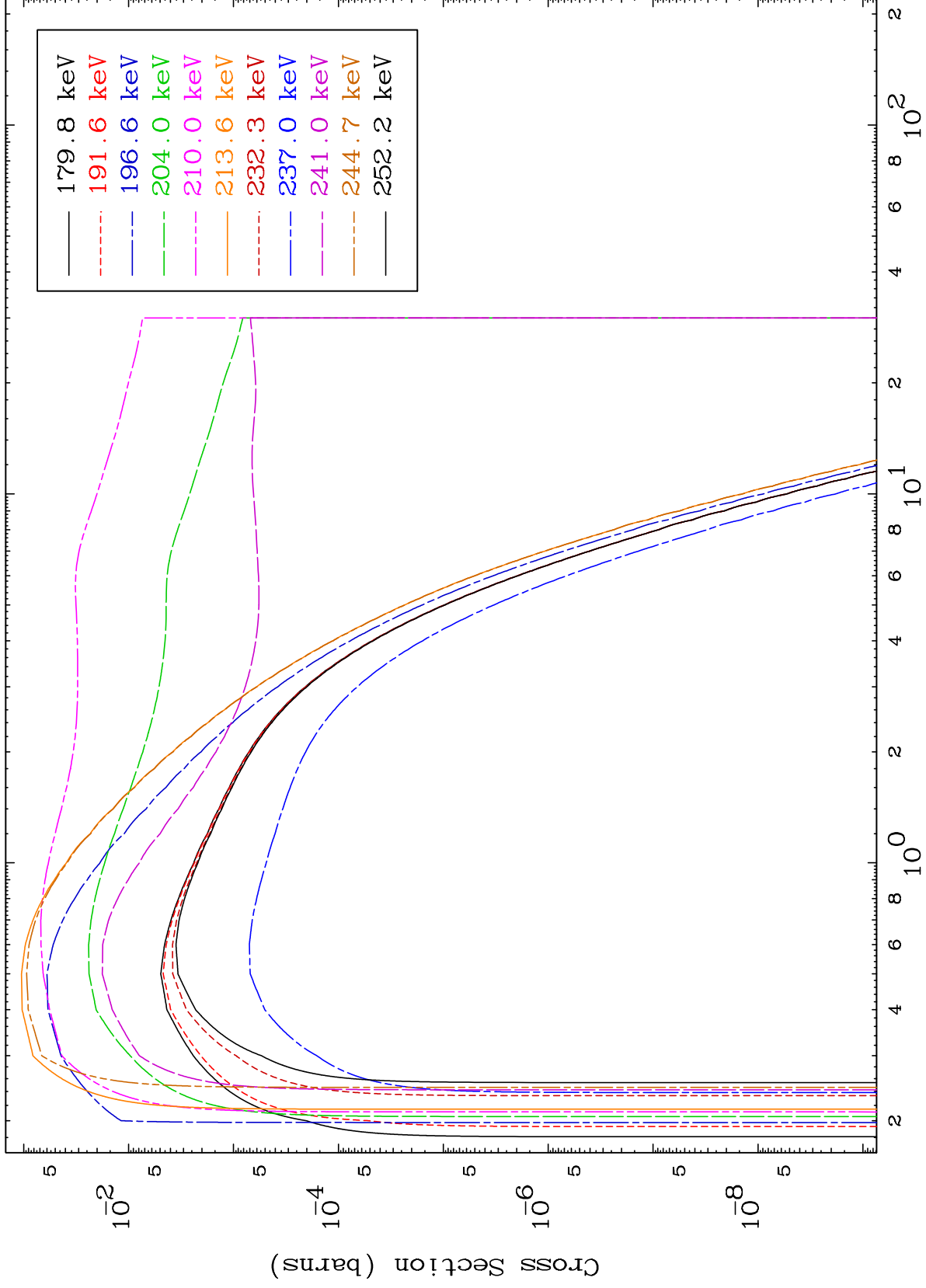
71-Lu-172



MAT 7116

(n,n') Level  
293 Kelvin Cross Sections

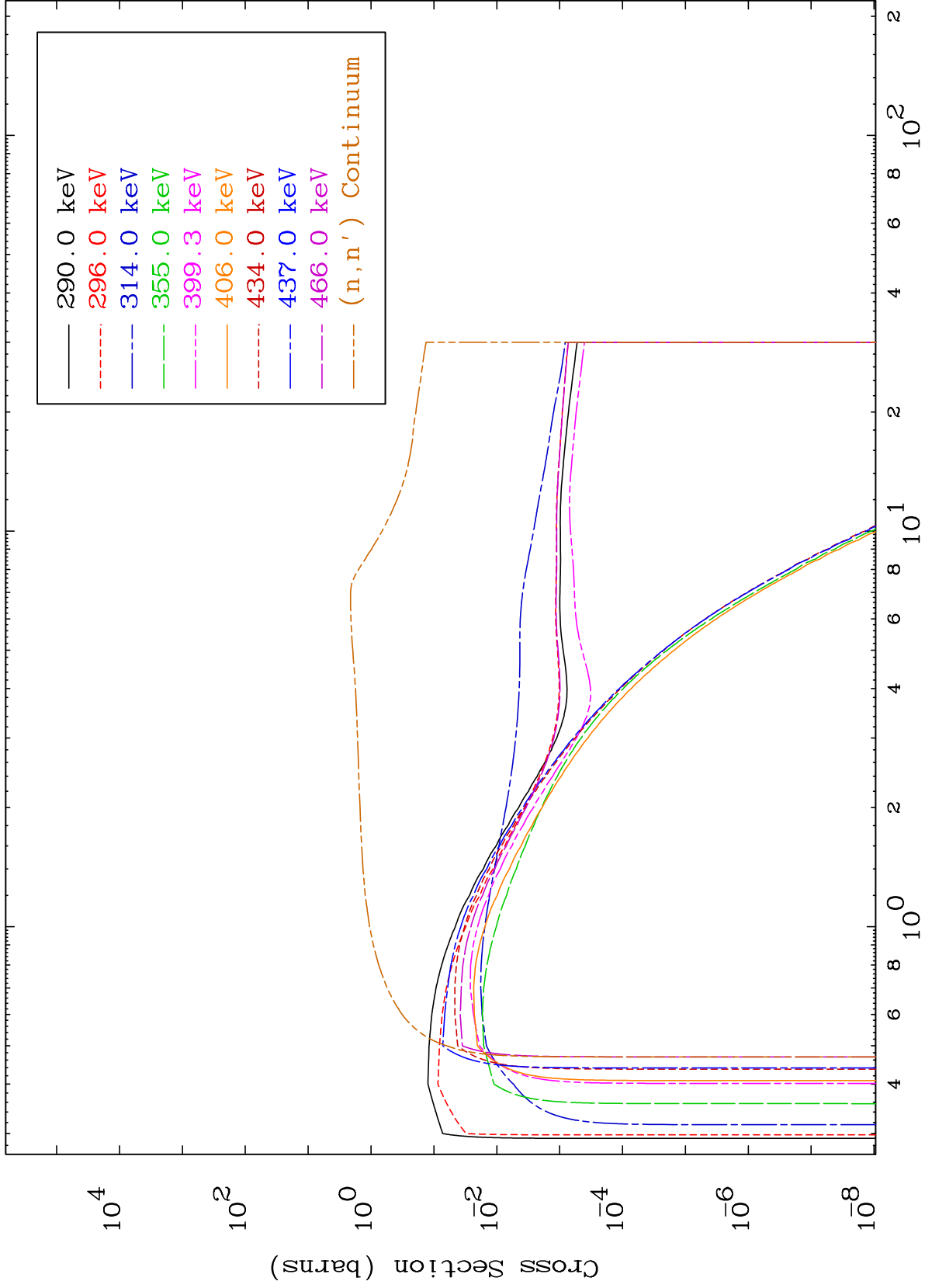
71-Lu-172



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Incident Energy (MeV)

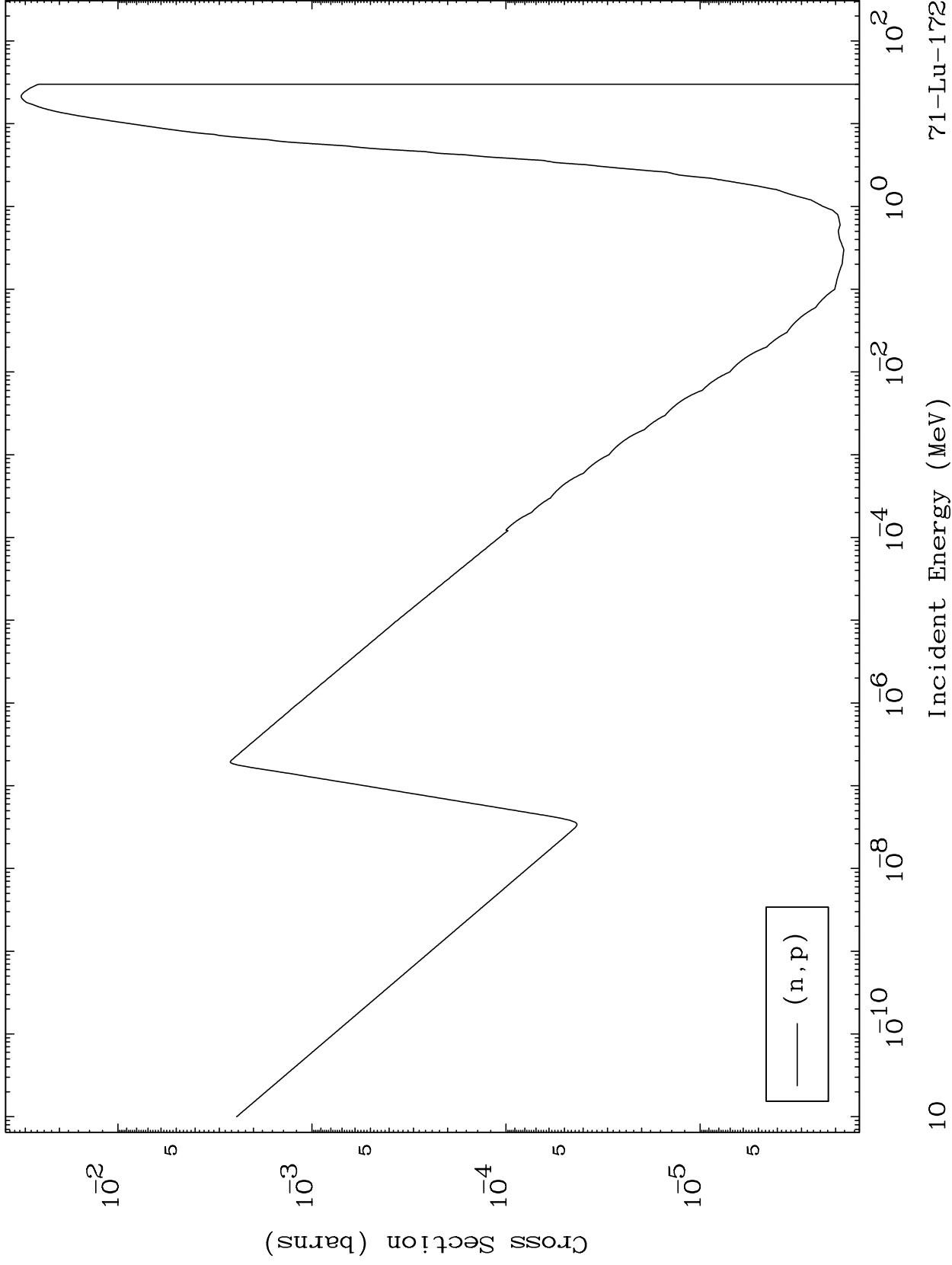
71-Lu-172



MAT 7116

(n,p) Levels  
293 Kelvin Cross Sections

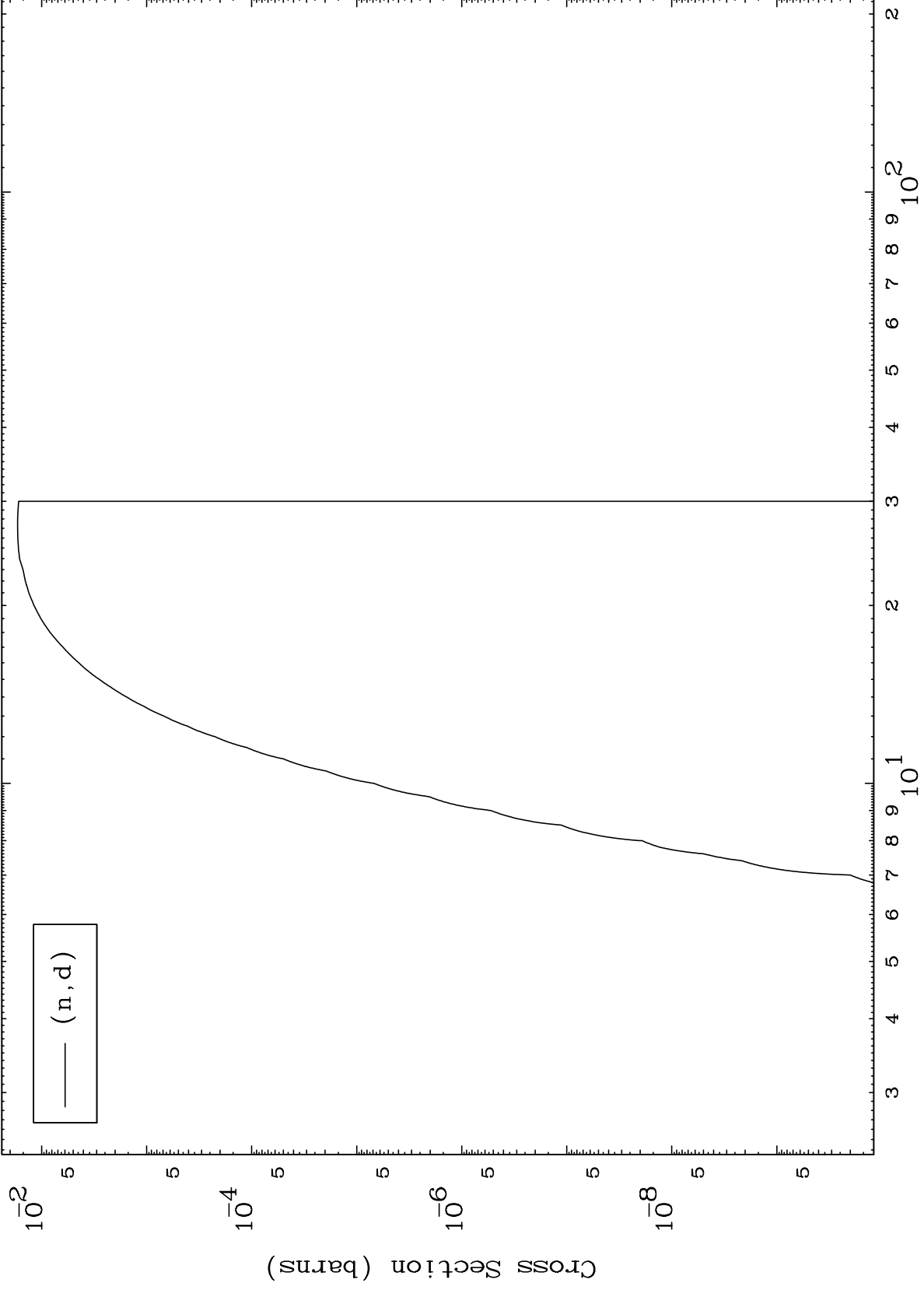
71-Lu-172



MAT 7116

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-172



11

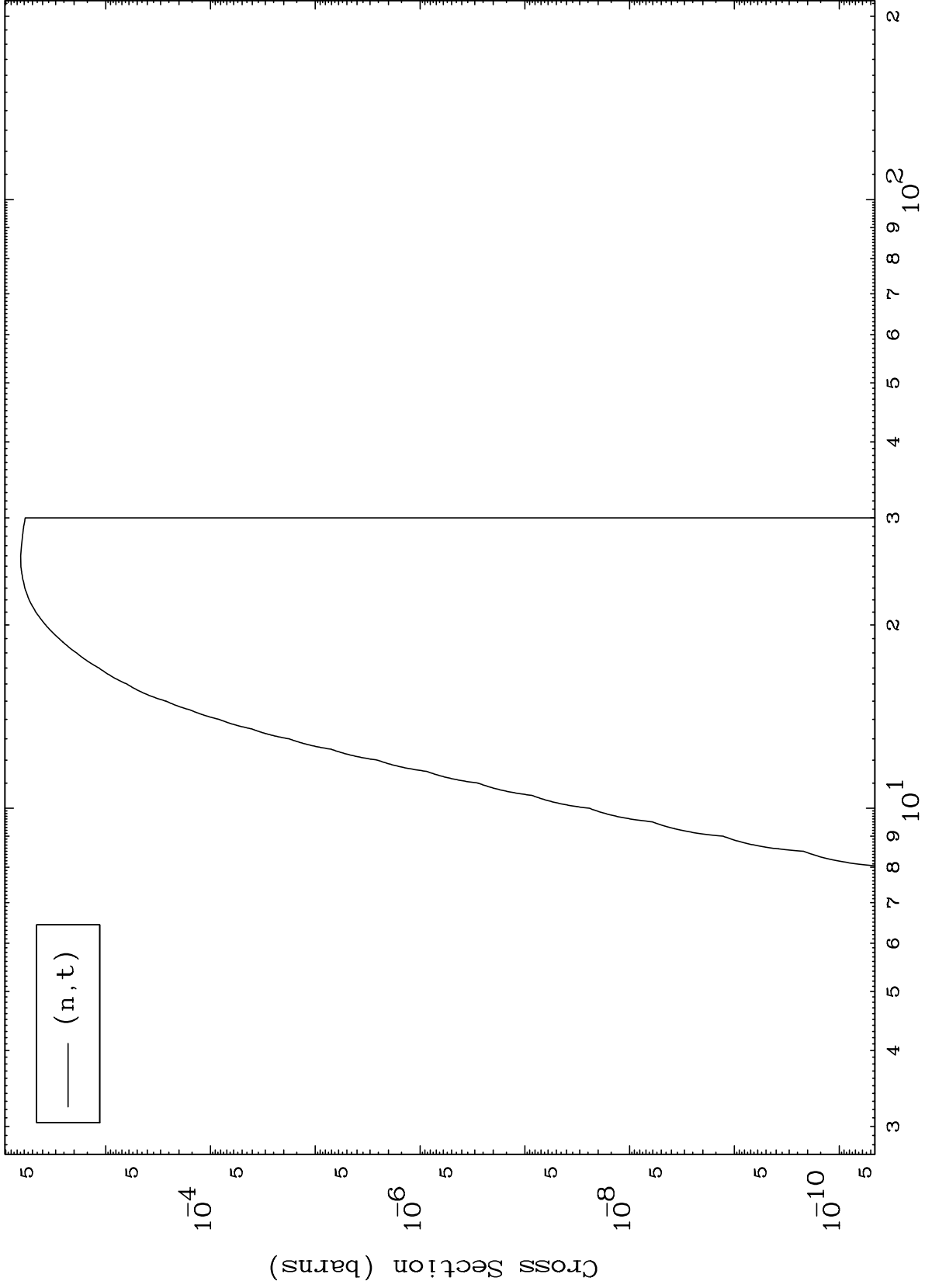
Incident Energy (MeV)

71-Lu-172

MAT 7116

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-172



12

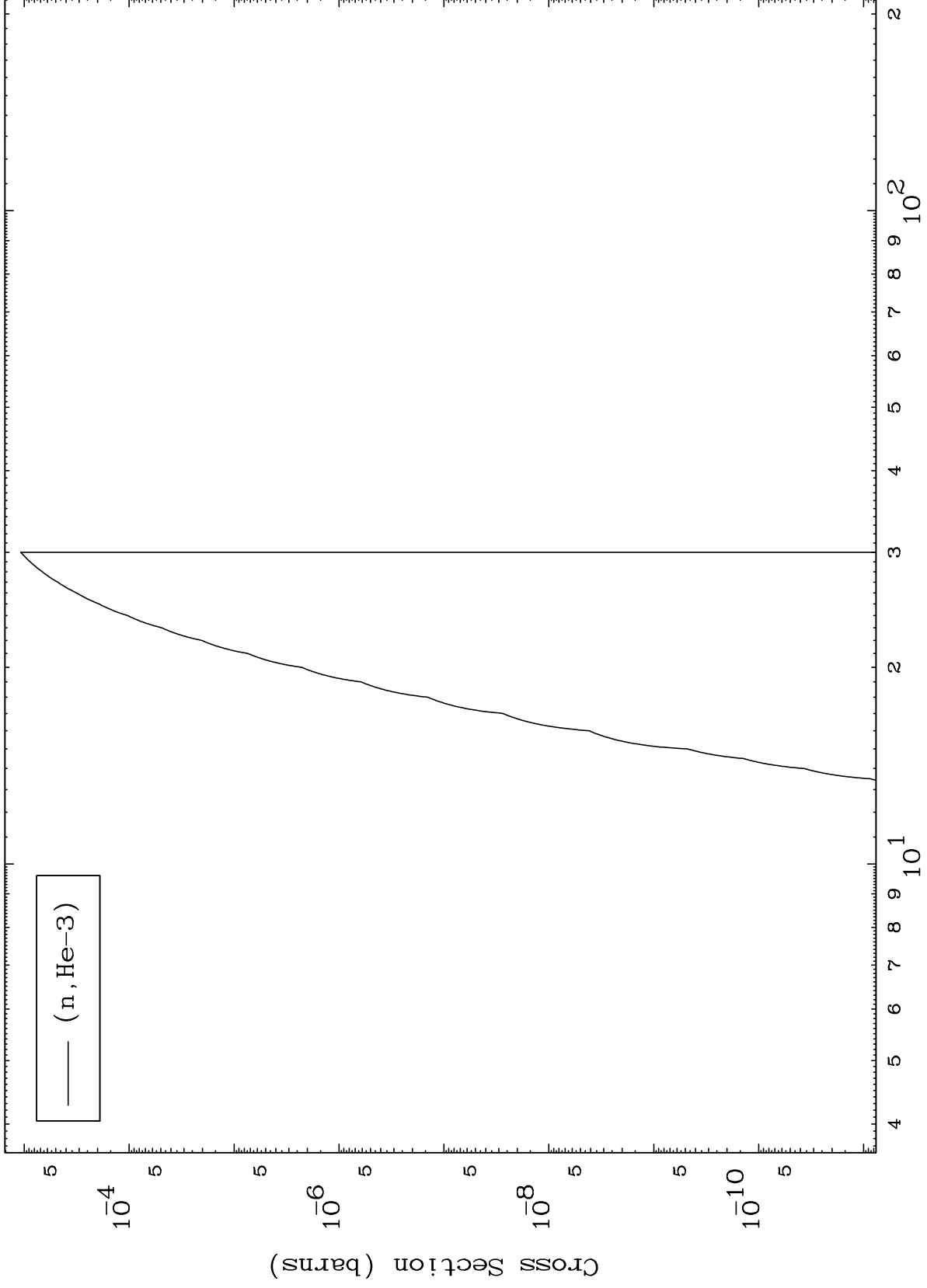
Incident Energy (MeV)

71-Lu-172

MAT 7116

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-172



13

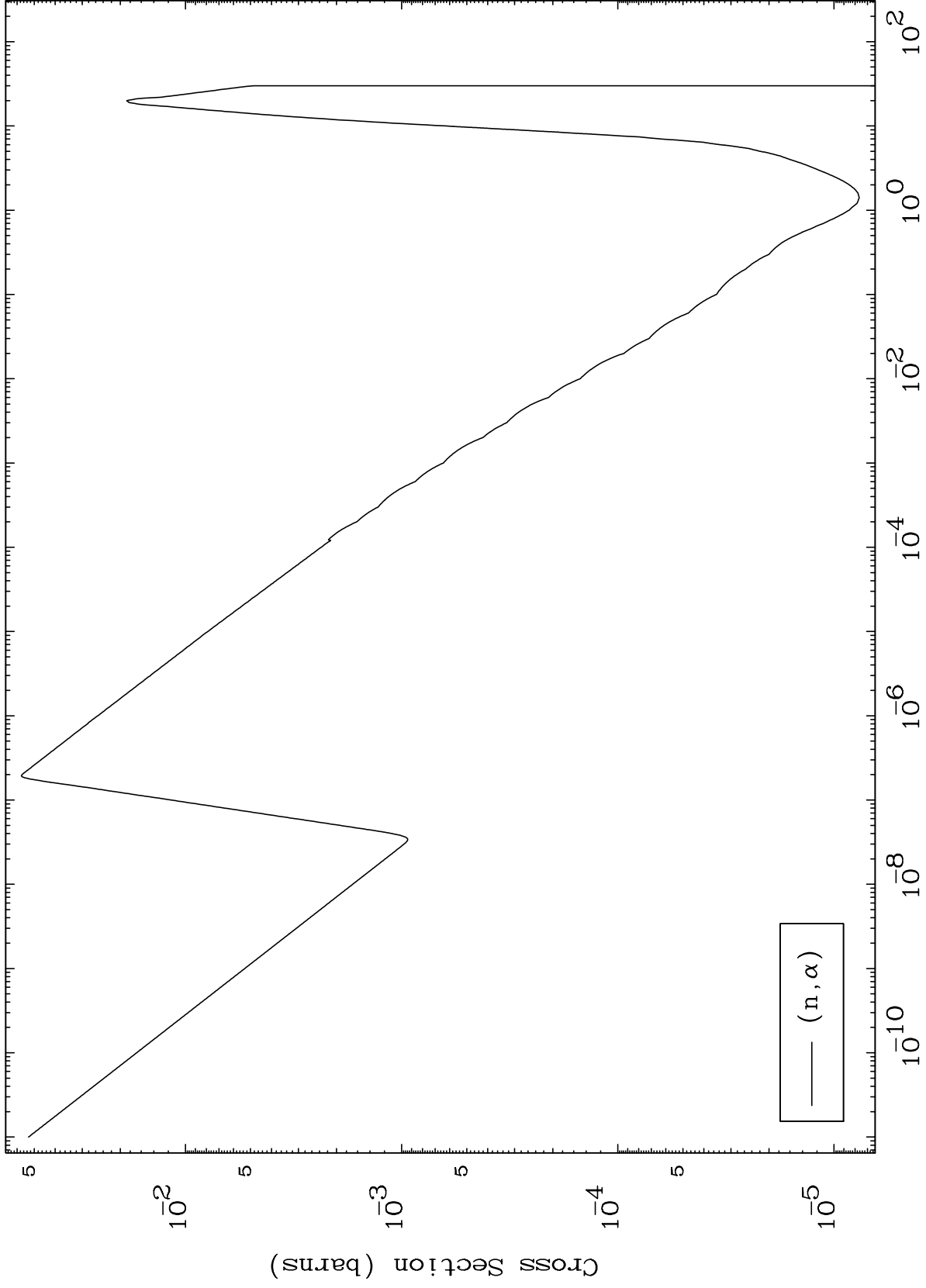
Incident Energy (MeV)

71-Lu-172

MAT 7116

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

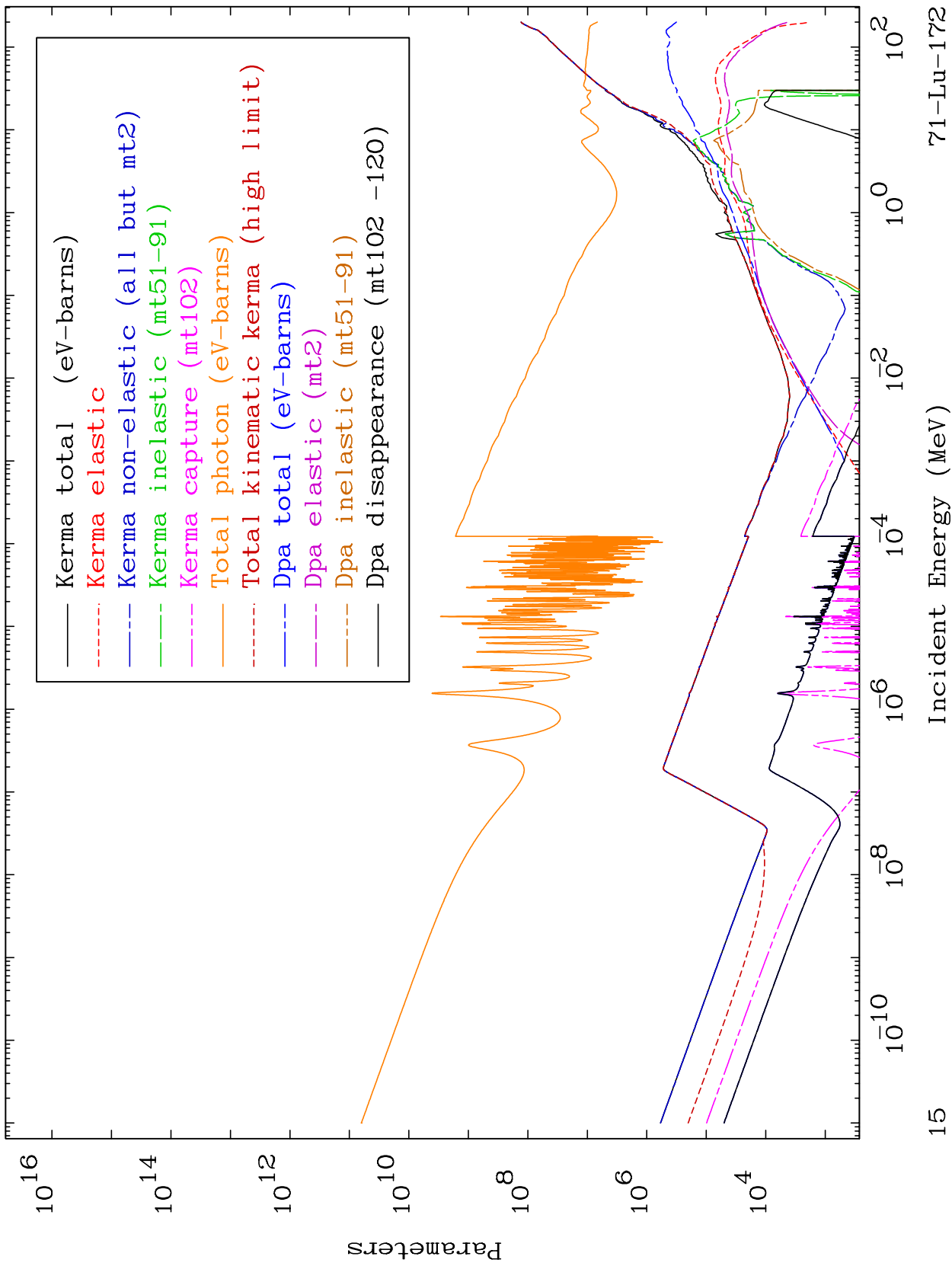
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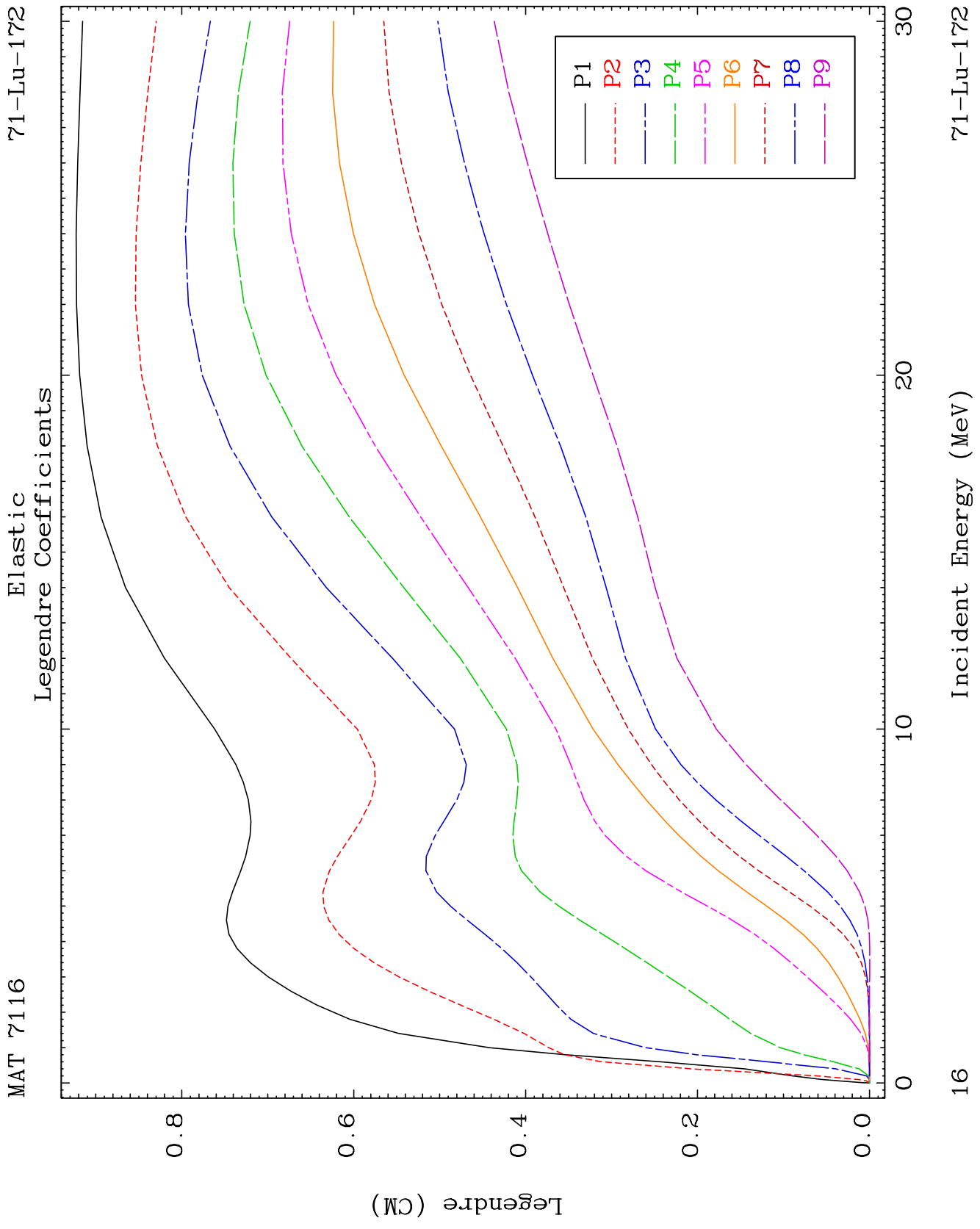
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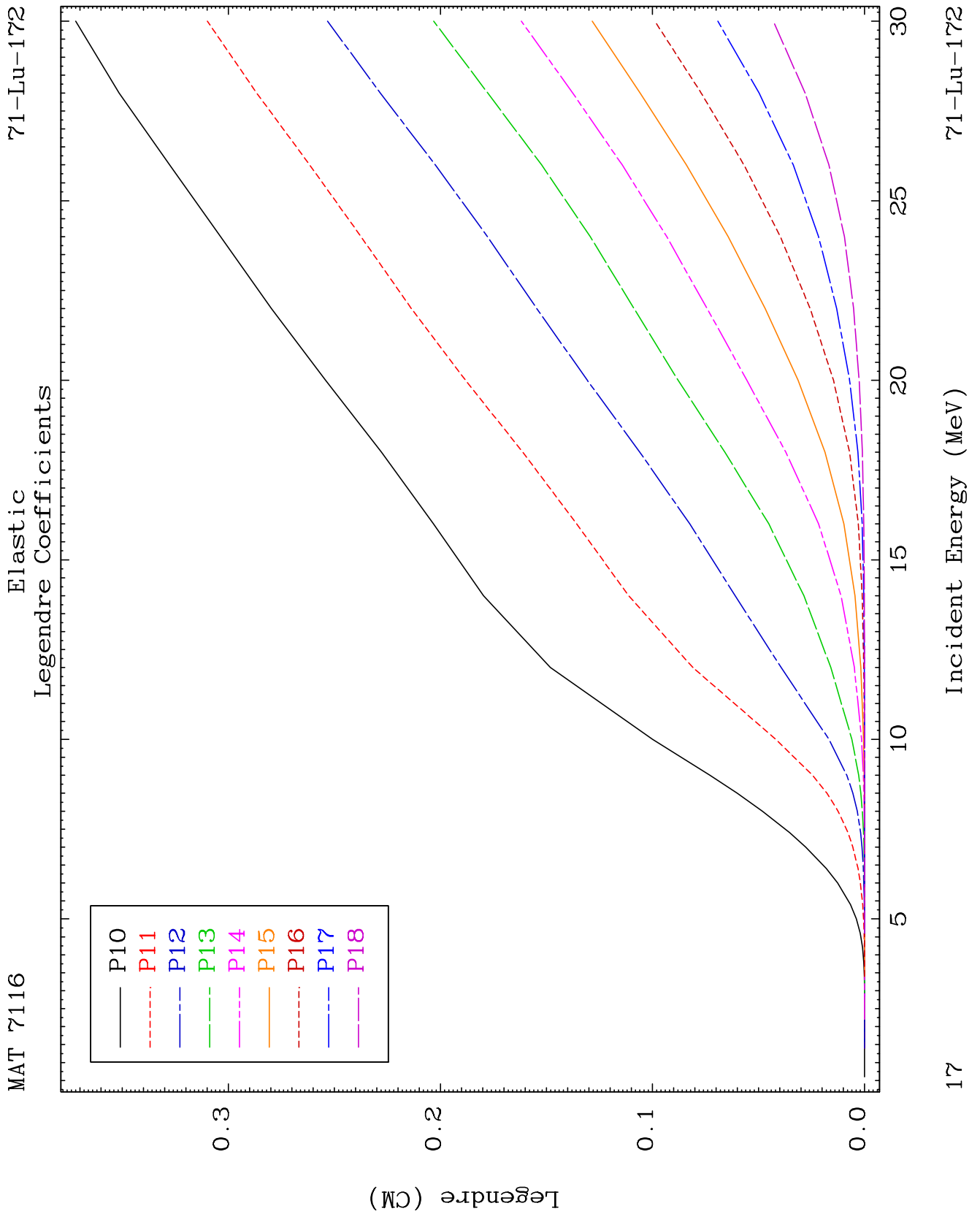
Incident Energy (MeV)

71-Lu-172





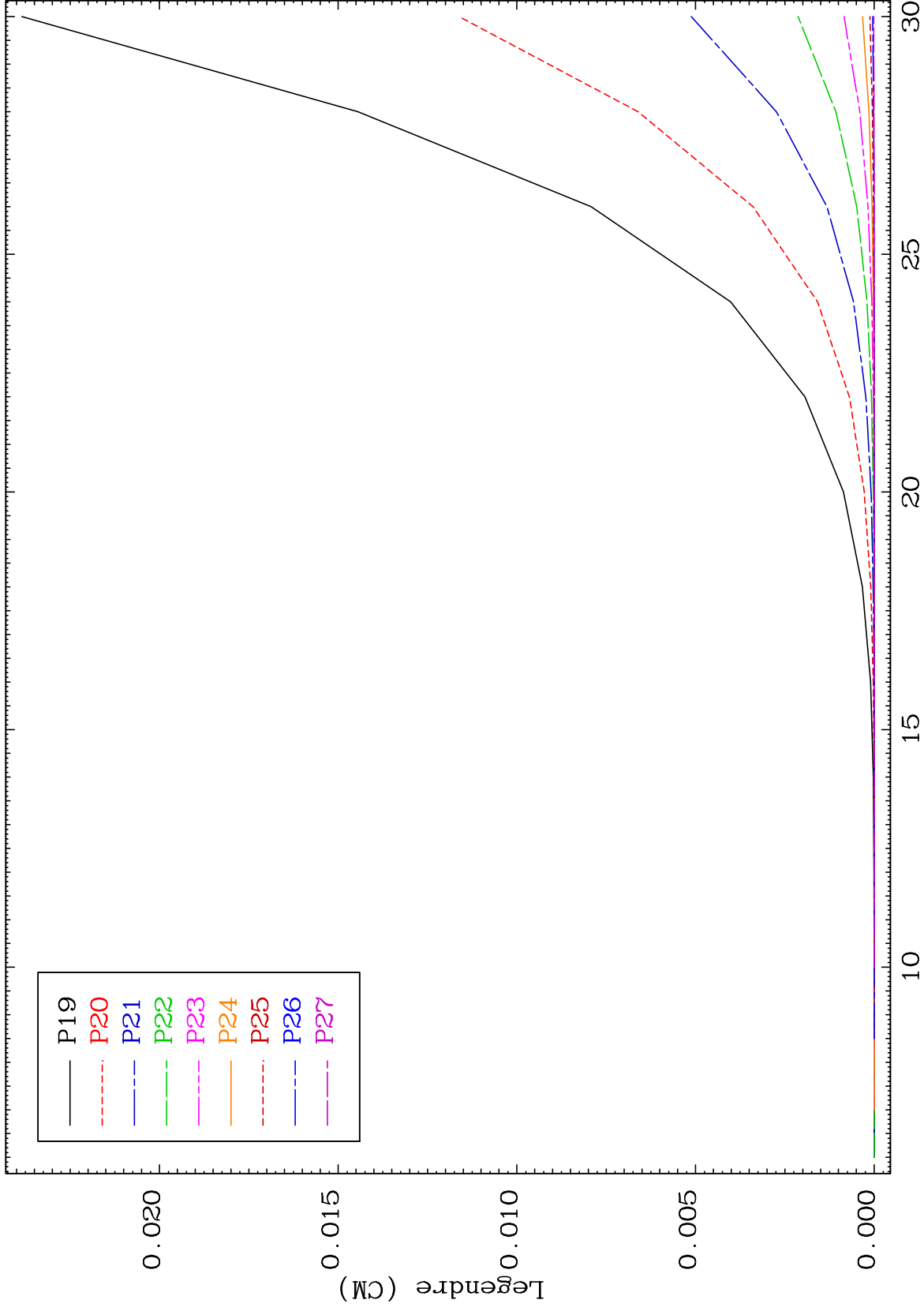




MAT 7116

### Elastic Legendre Coefficients

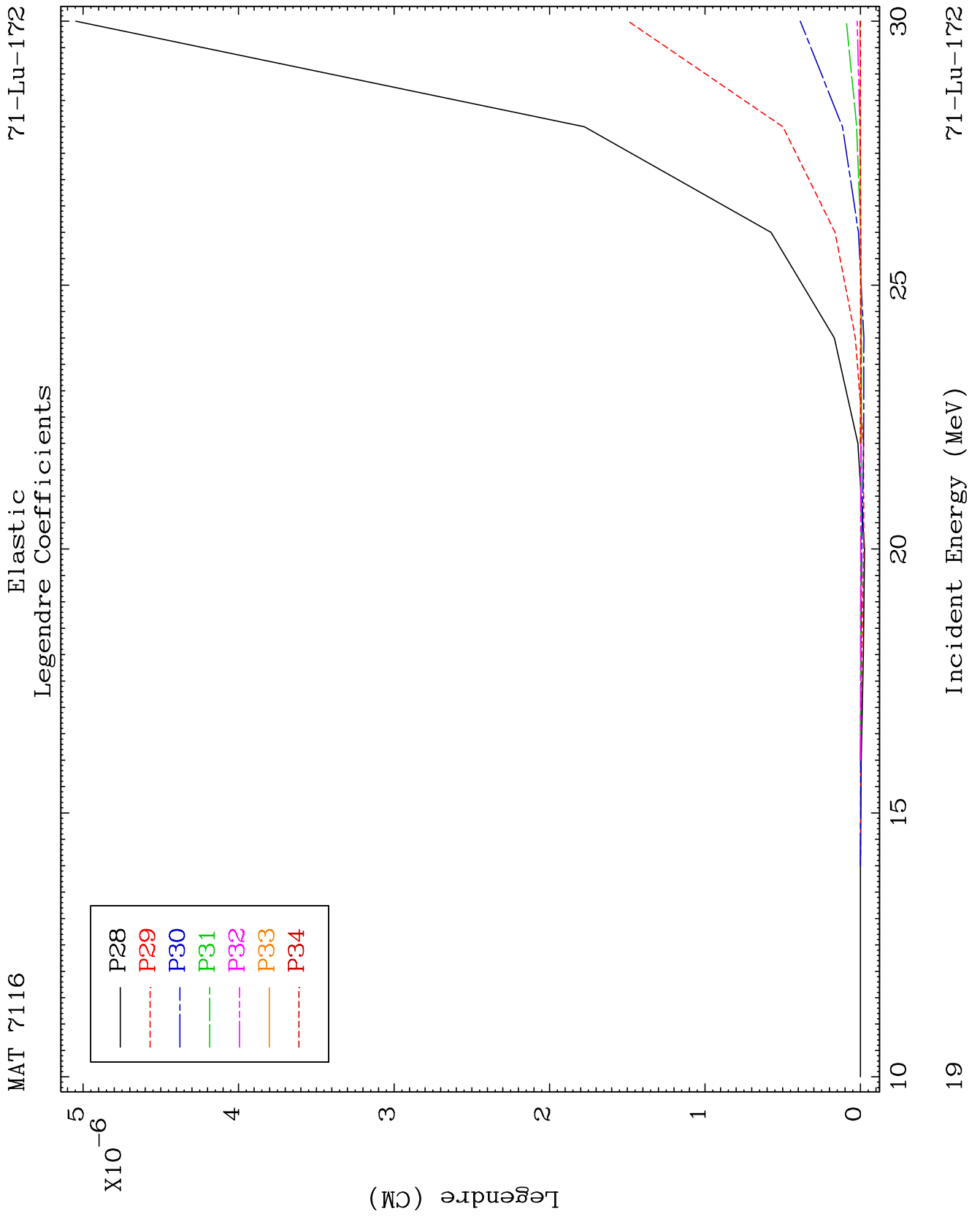
71-Lu-172

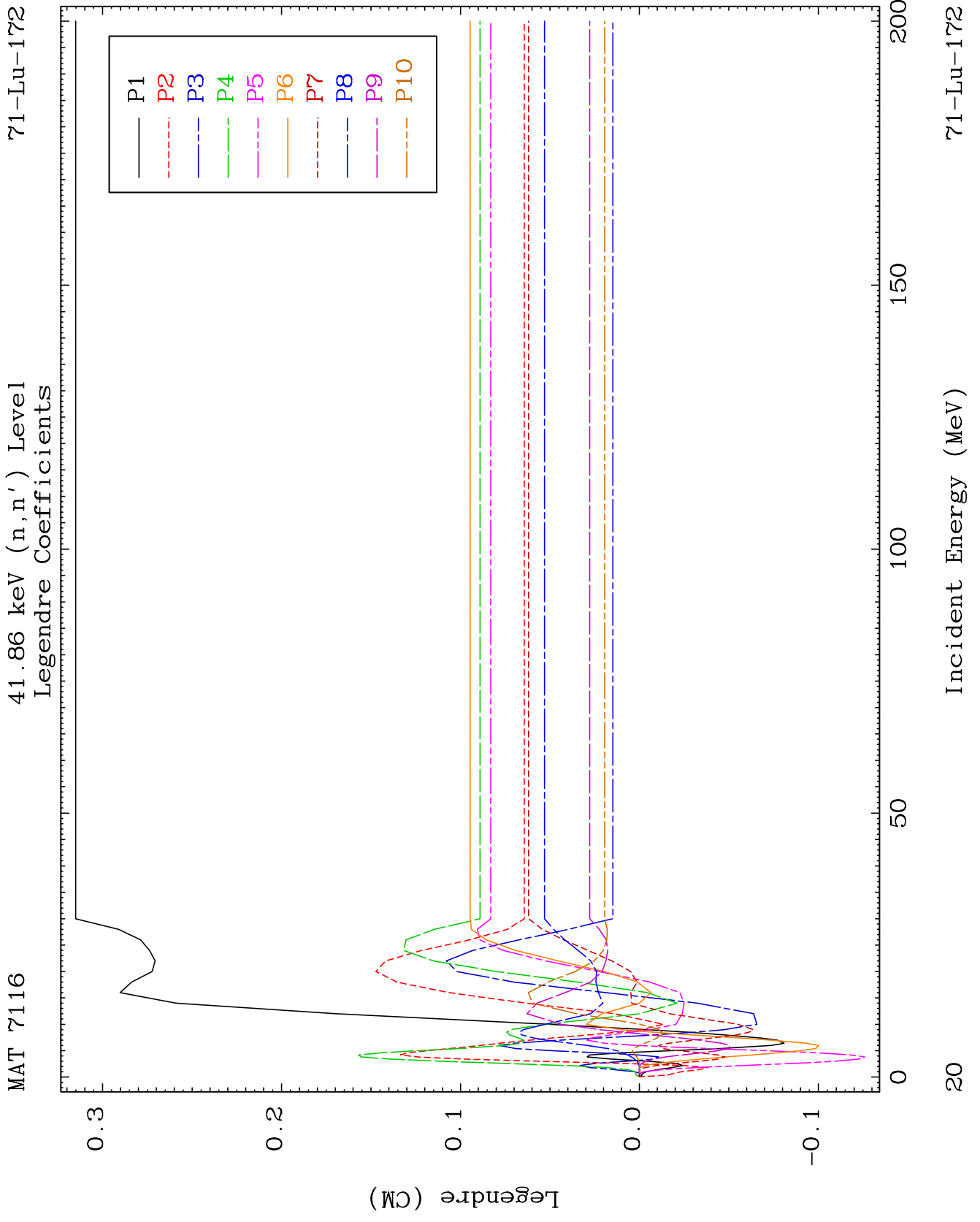


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Incident Energy (MeV)

71-Lu-172

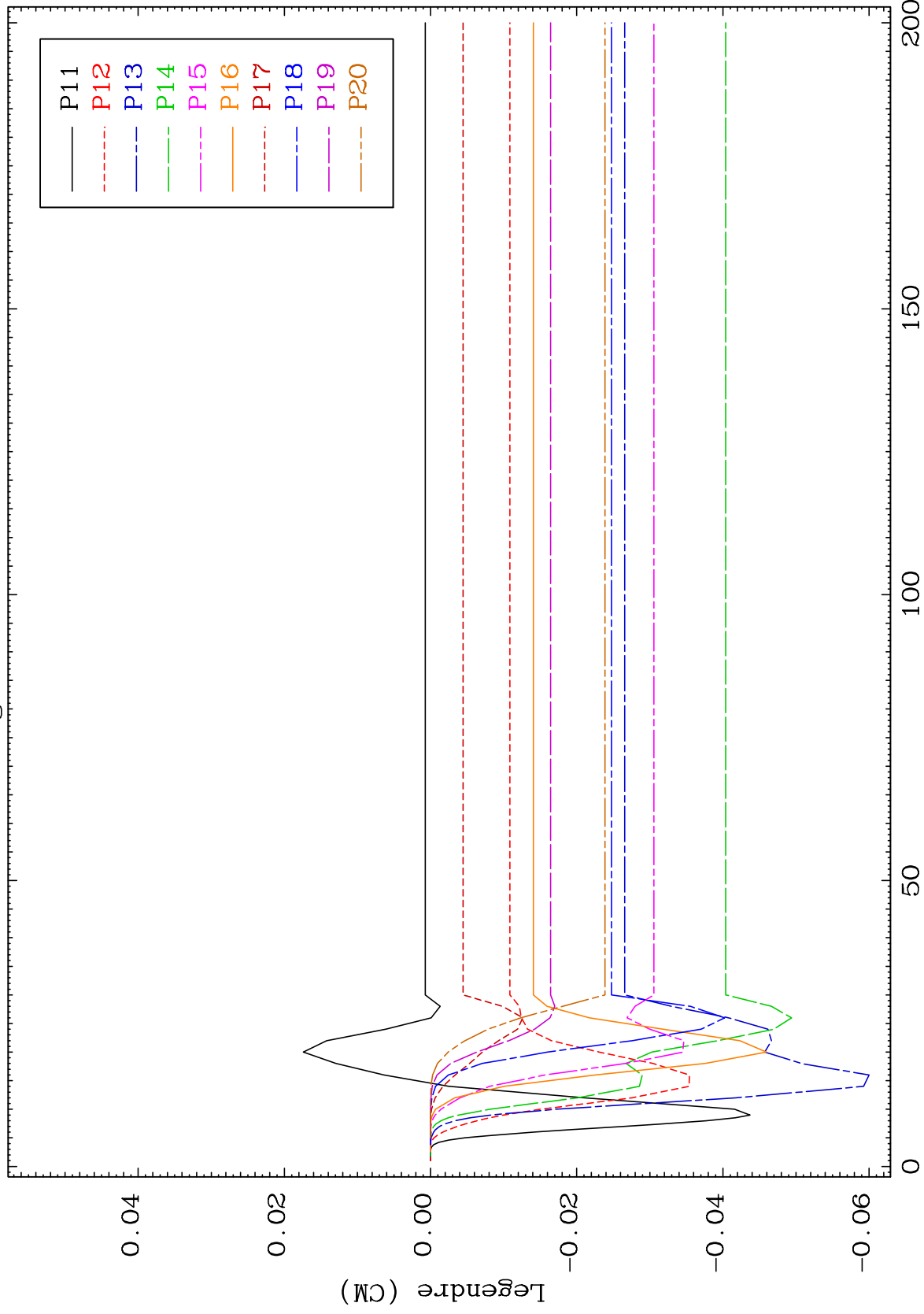




MAT 7116

41.86 keV (n,n') Level  
Legendre Coefficients

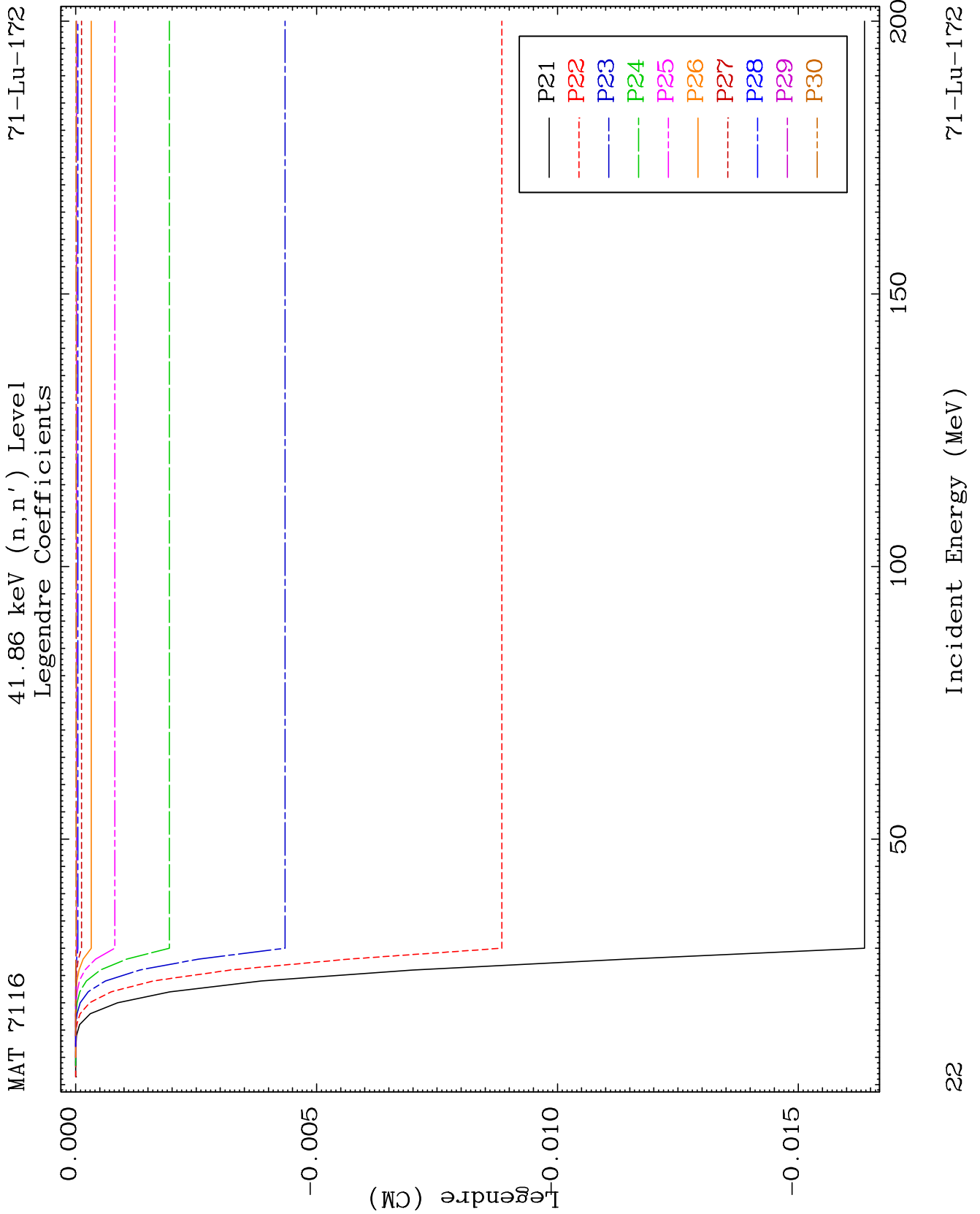
71-Lu-172

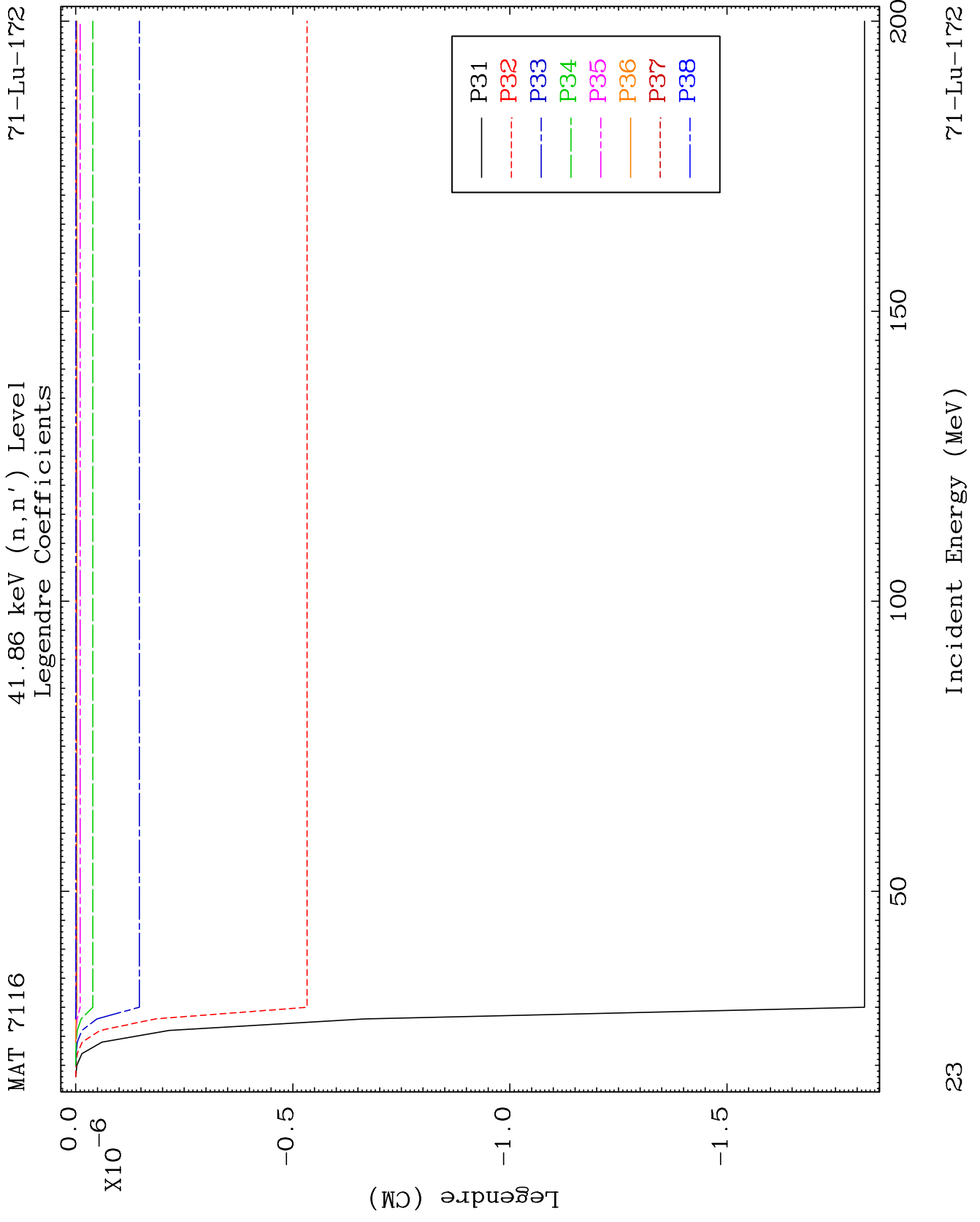


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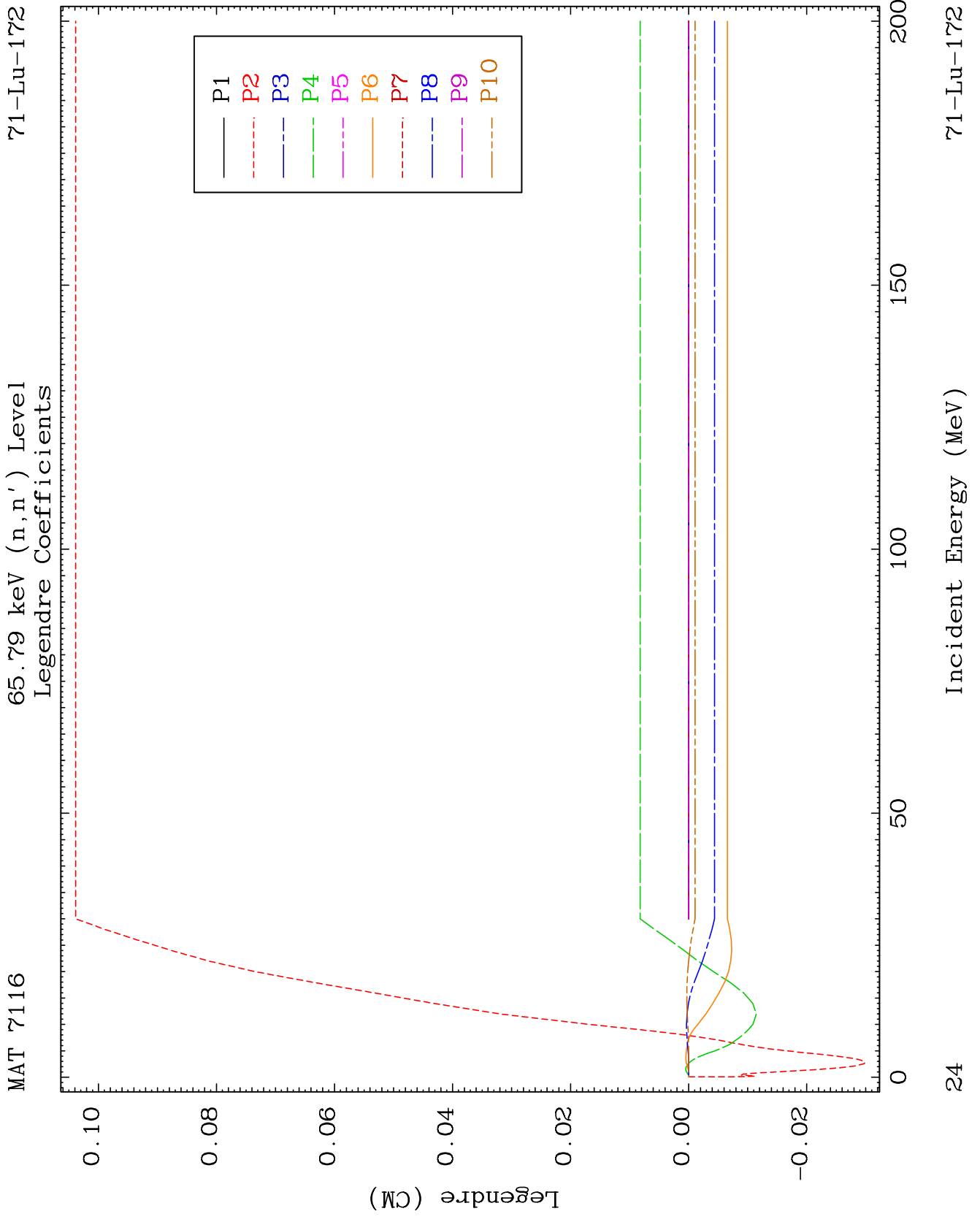
Incident Energy (MeV)

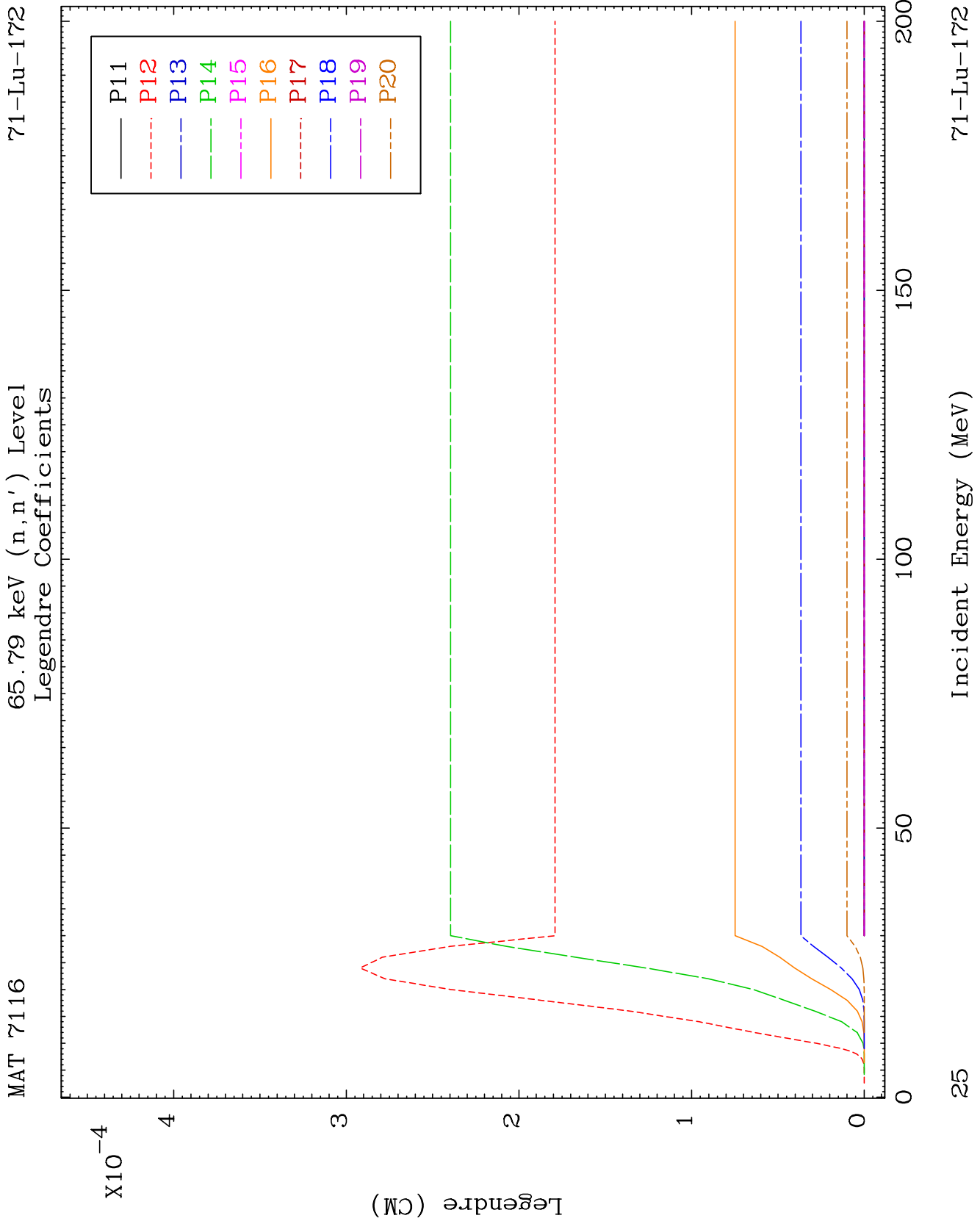
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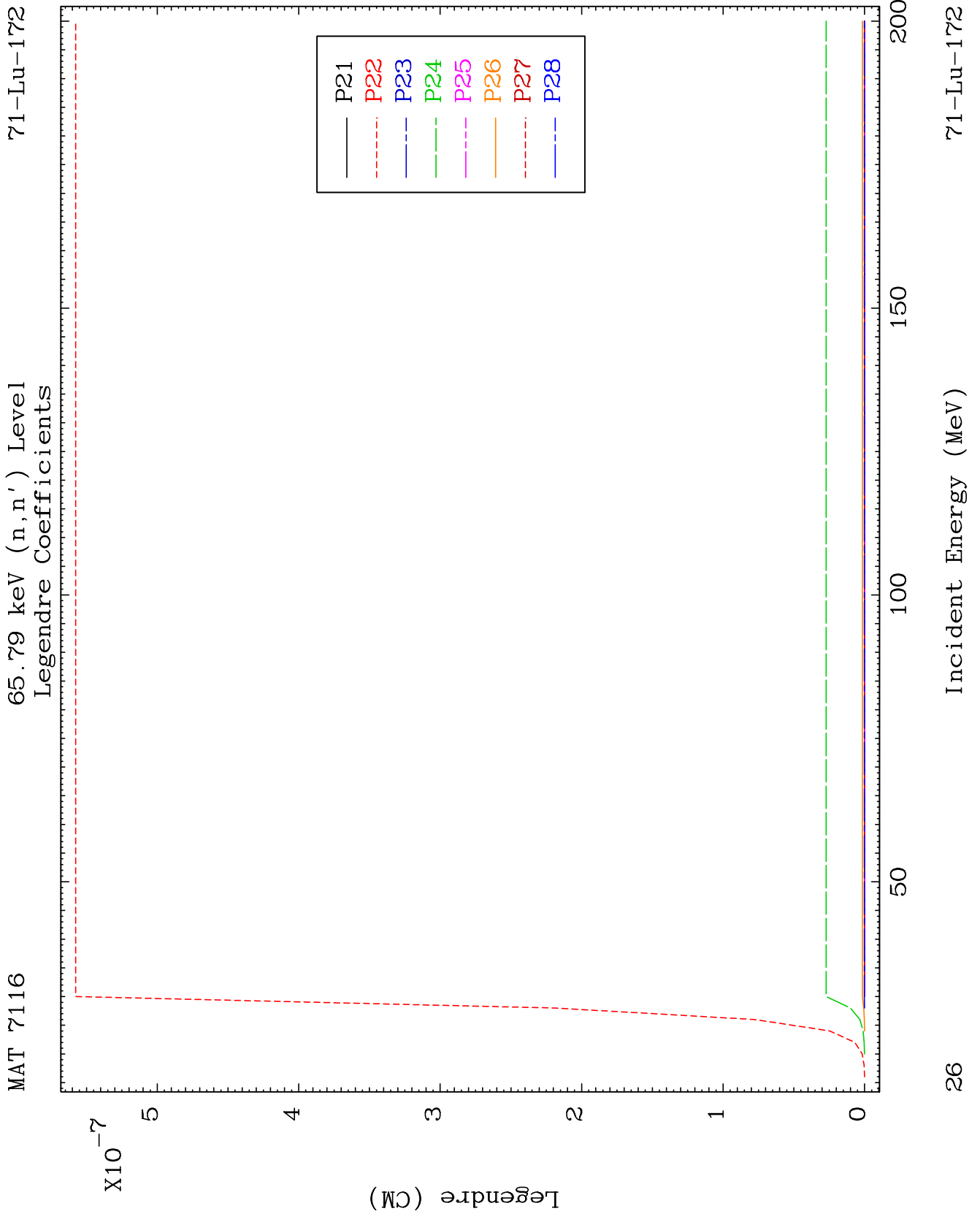


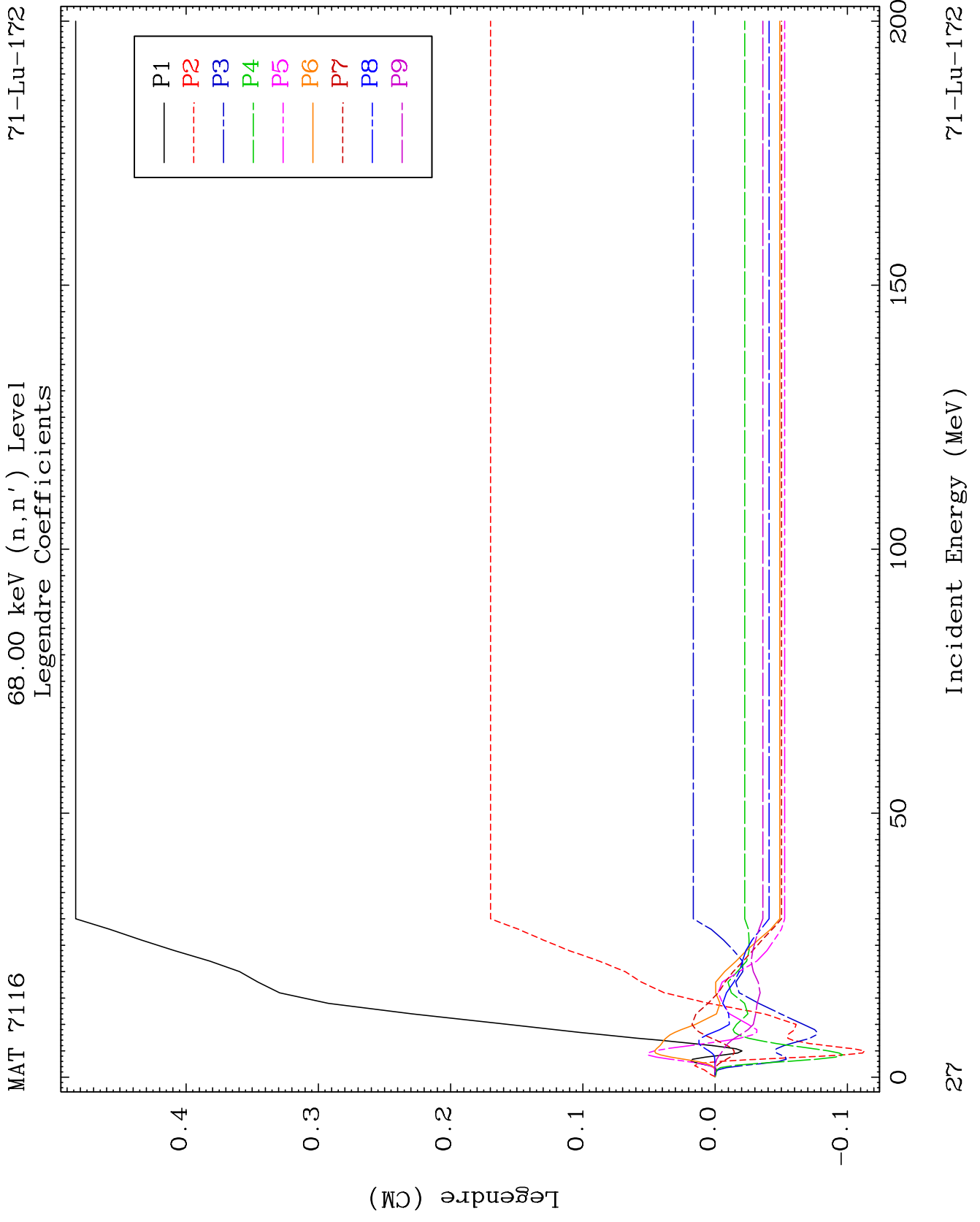


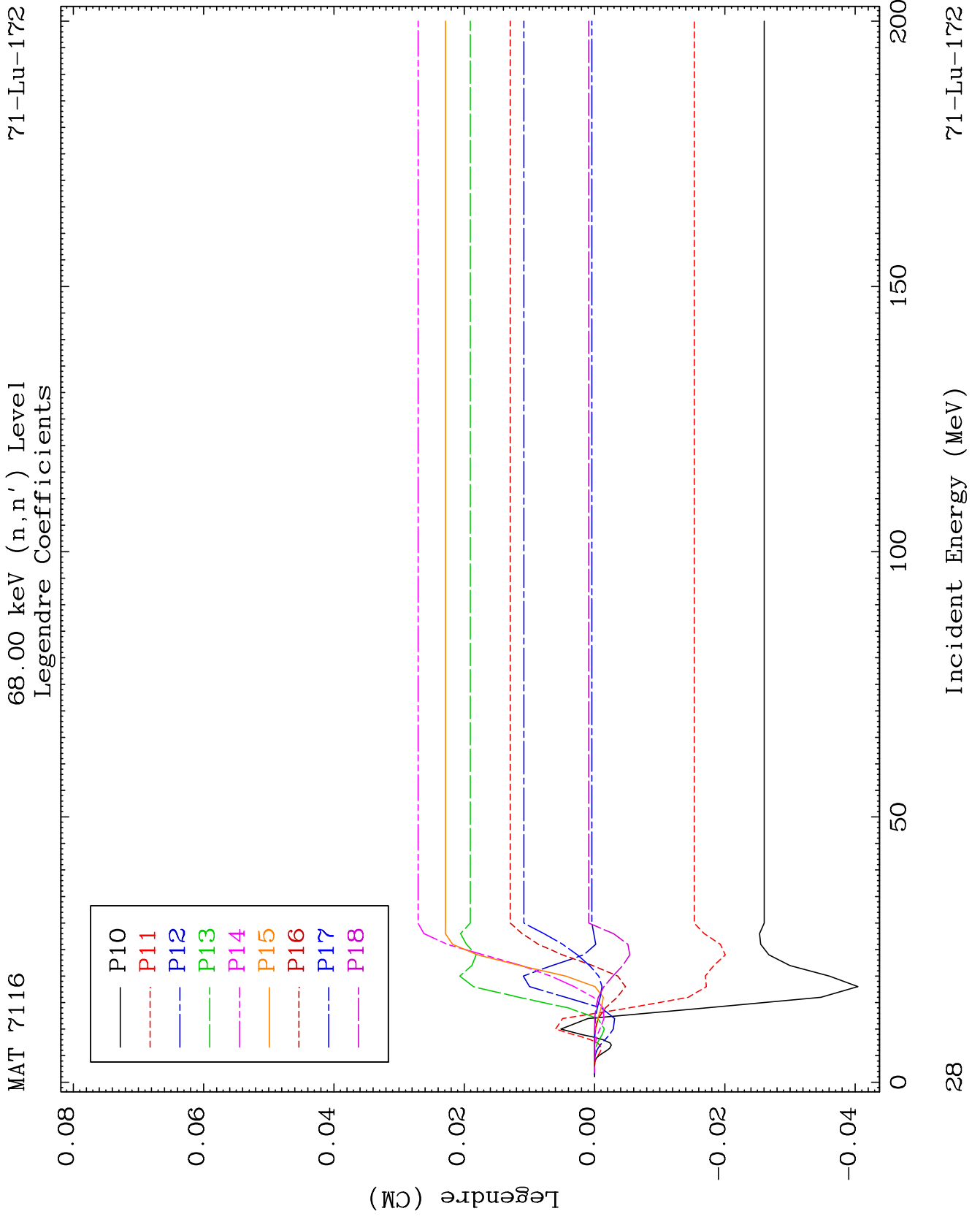


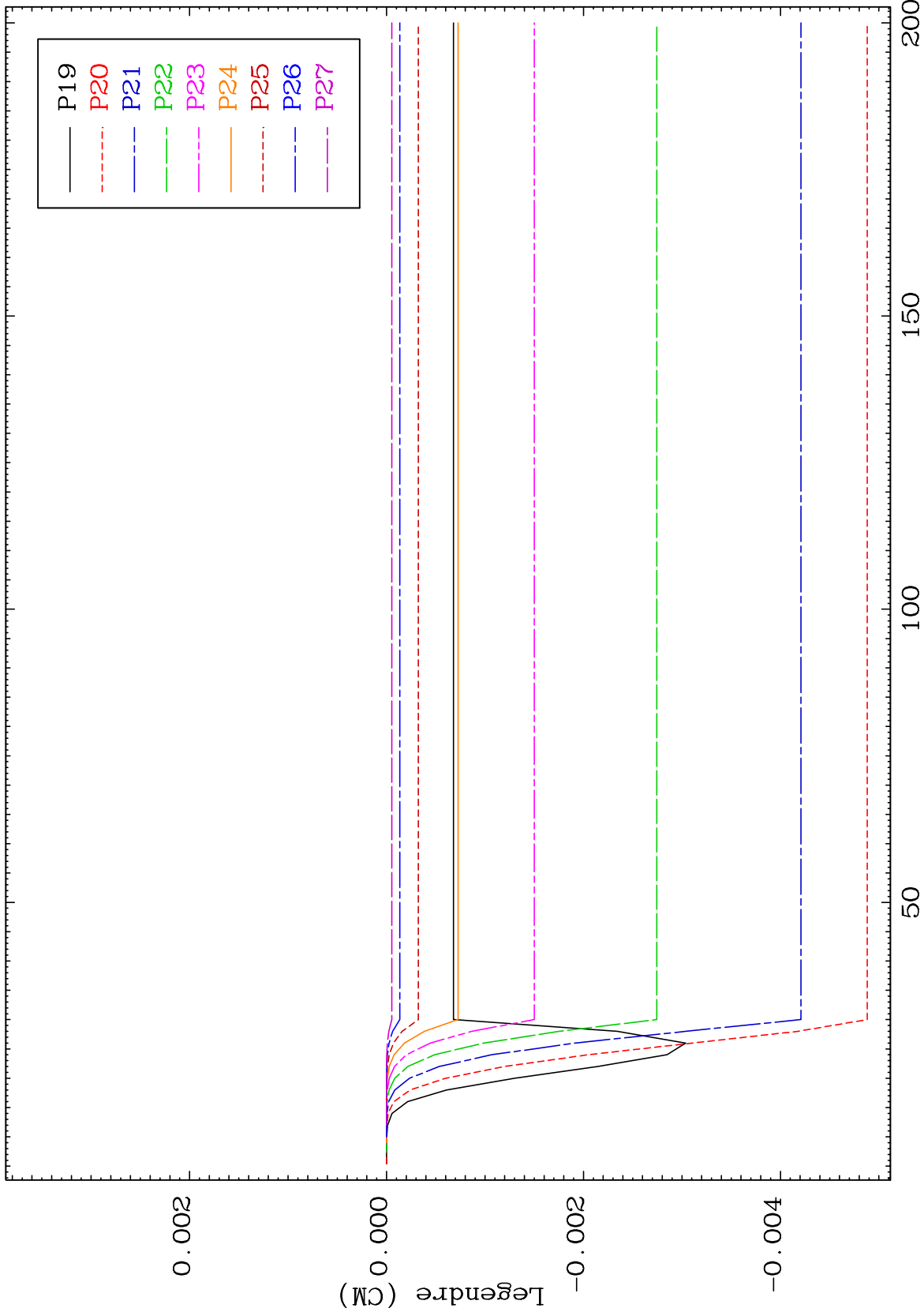


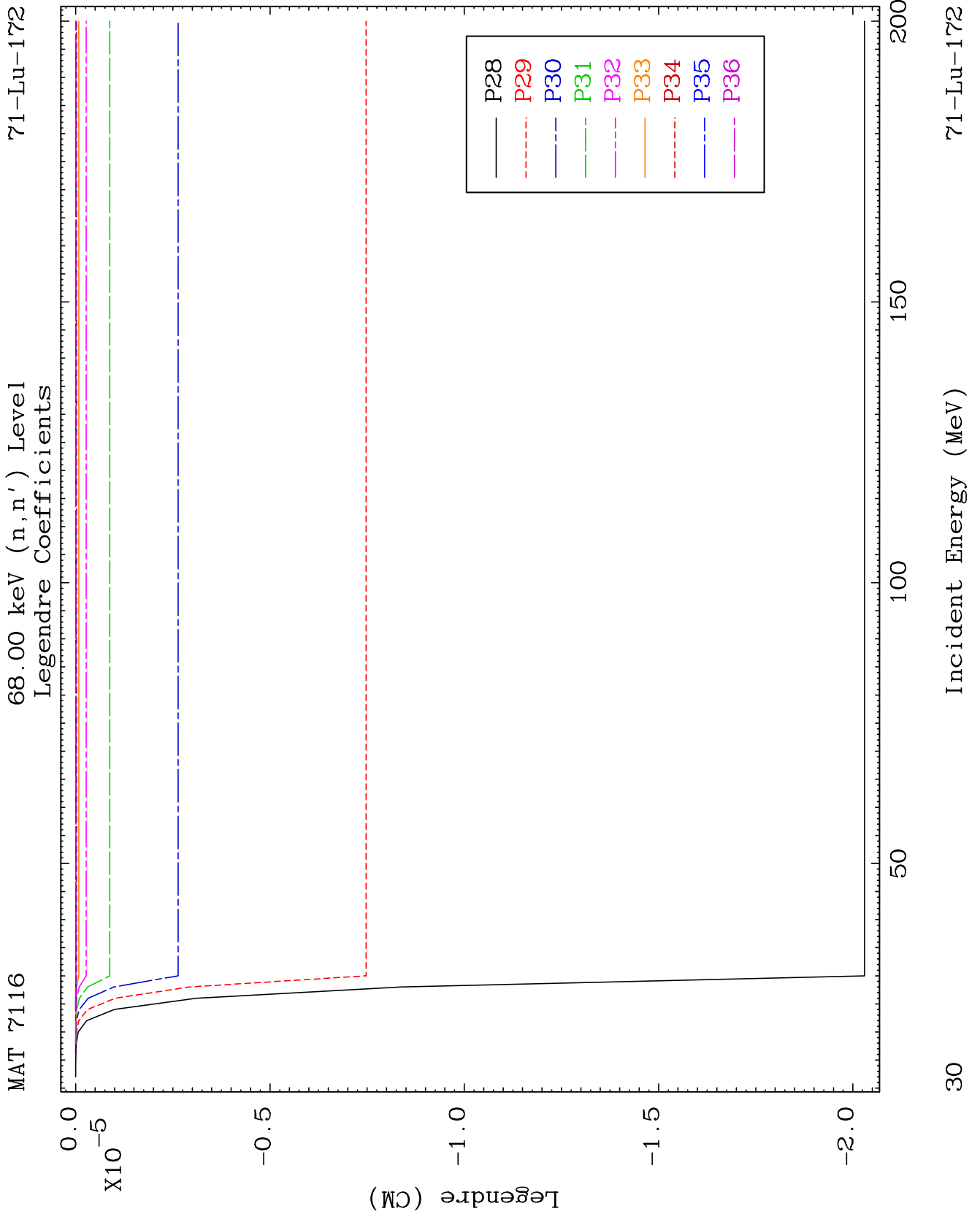


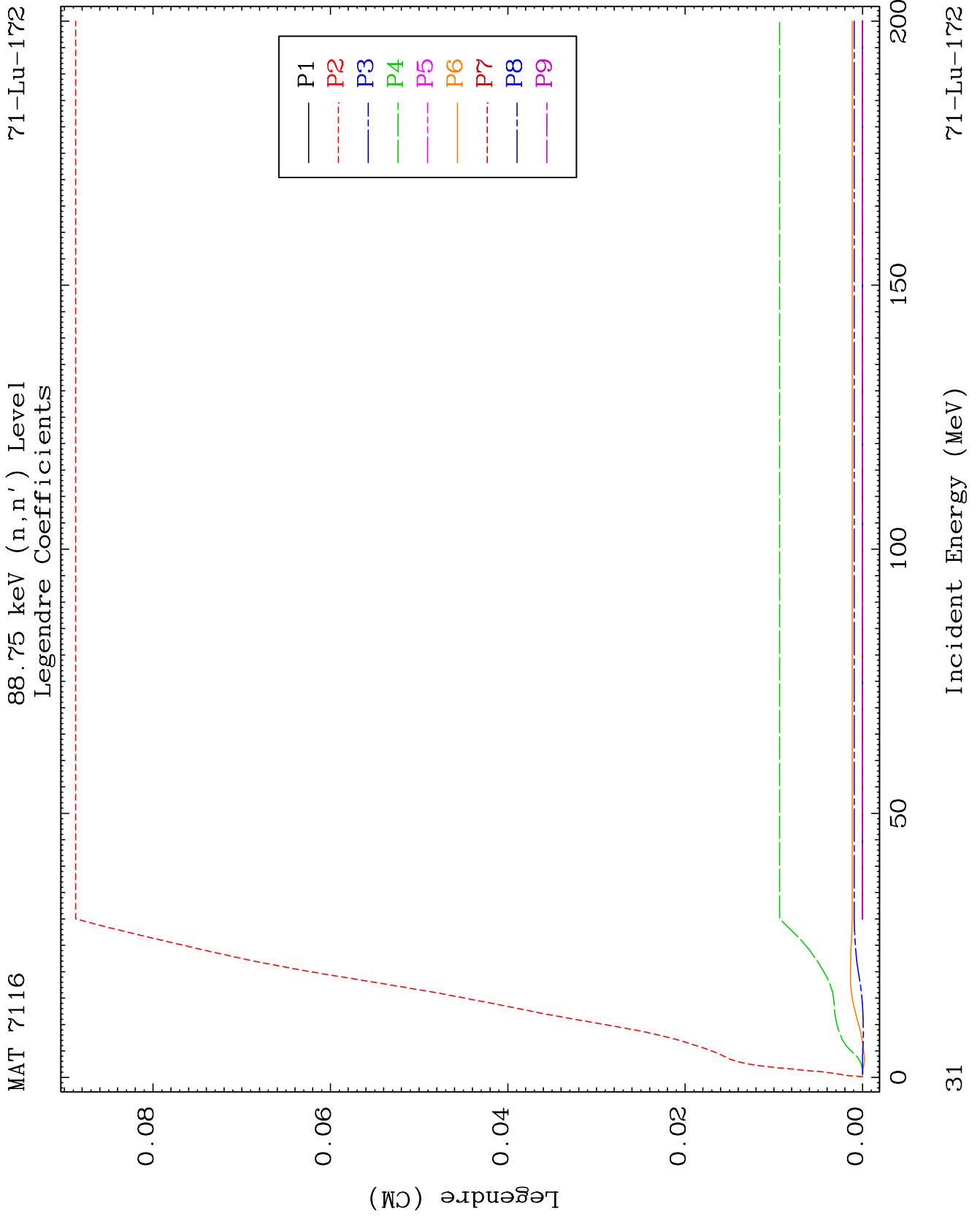




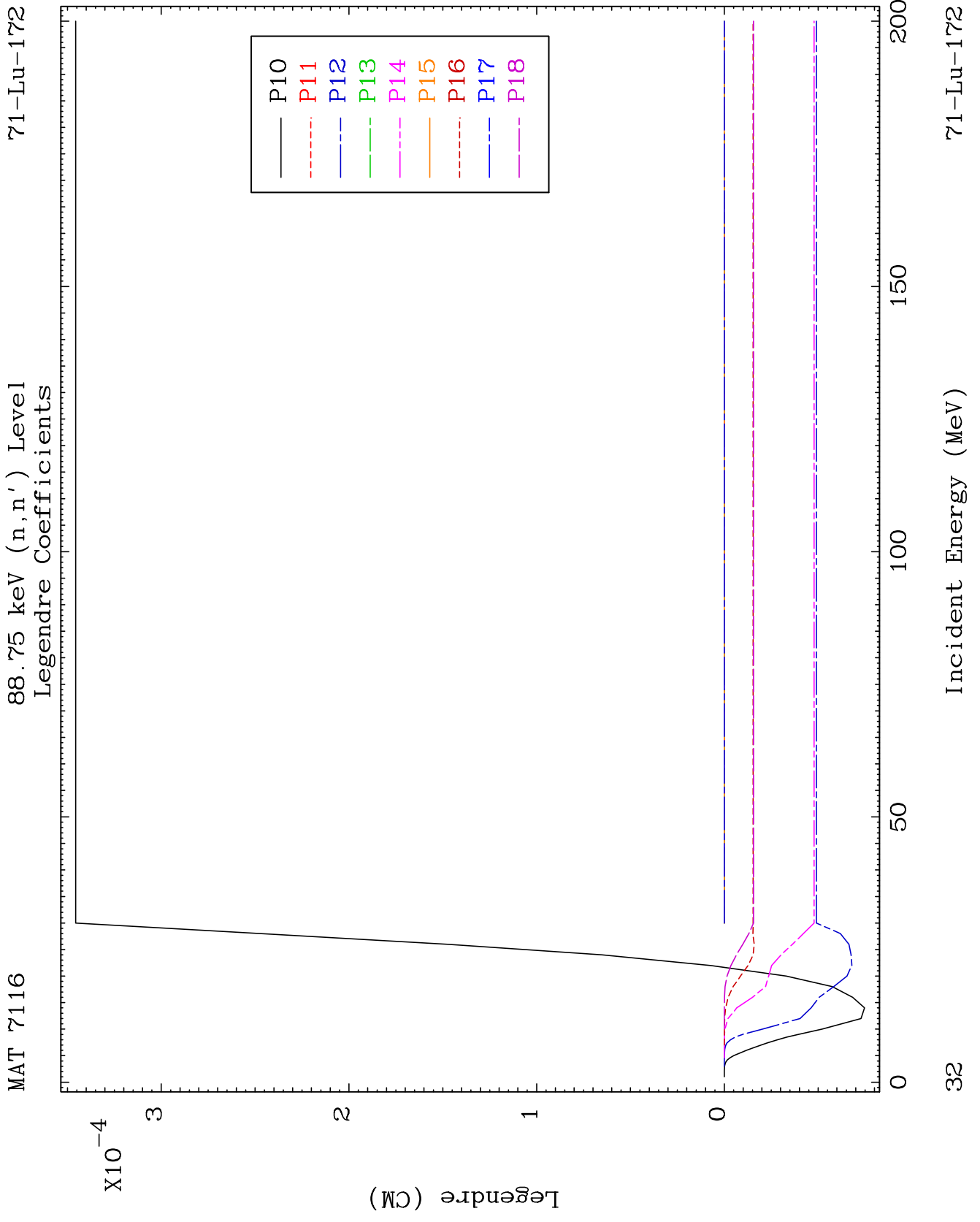


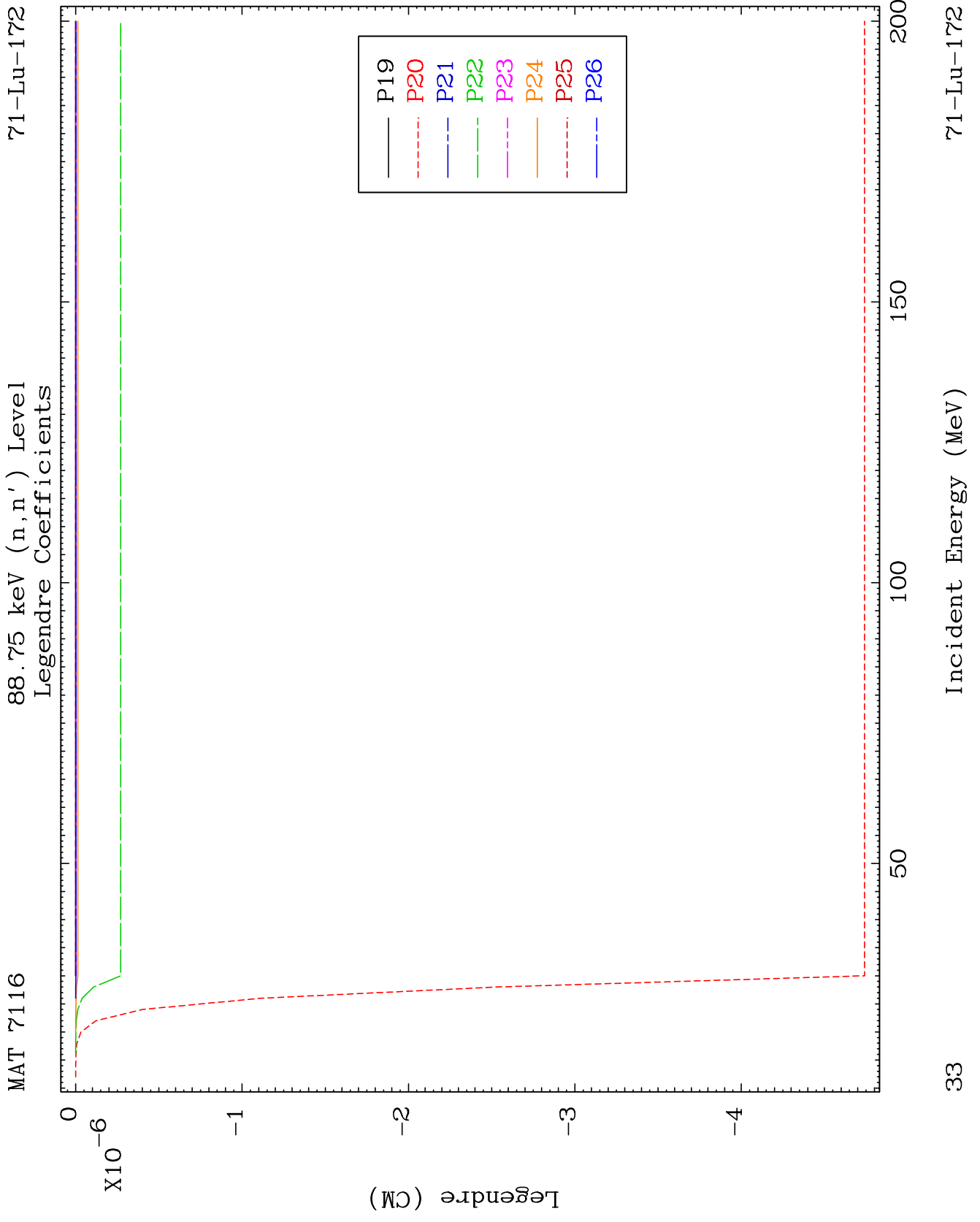




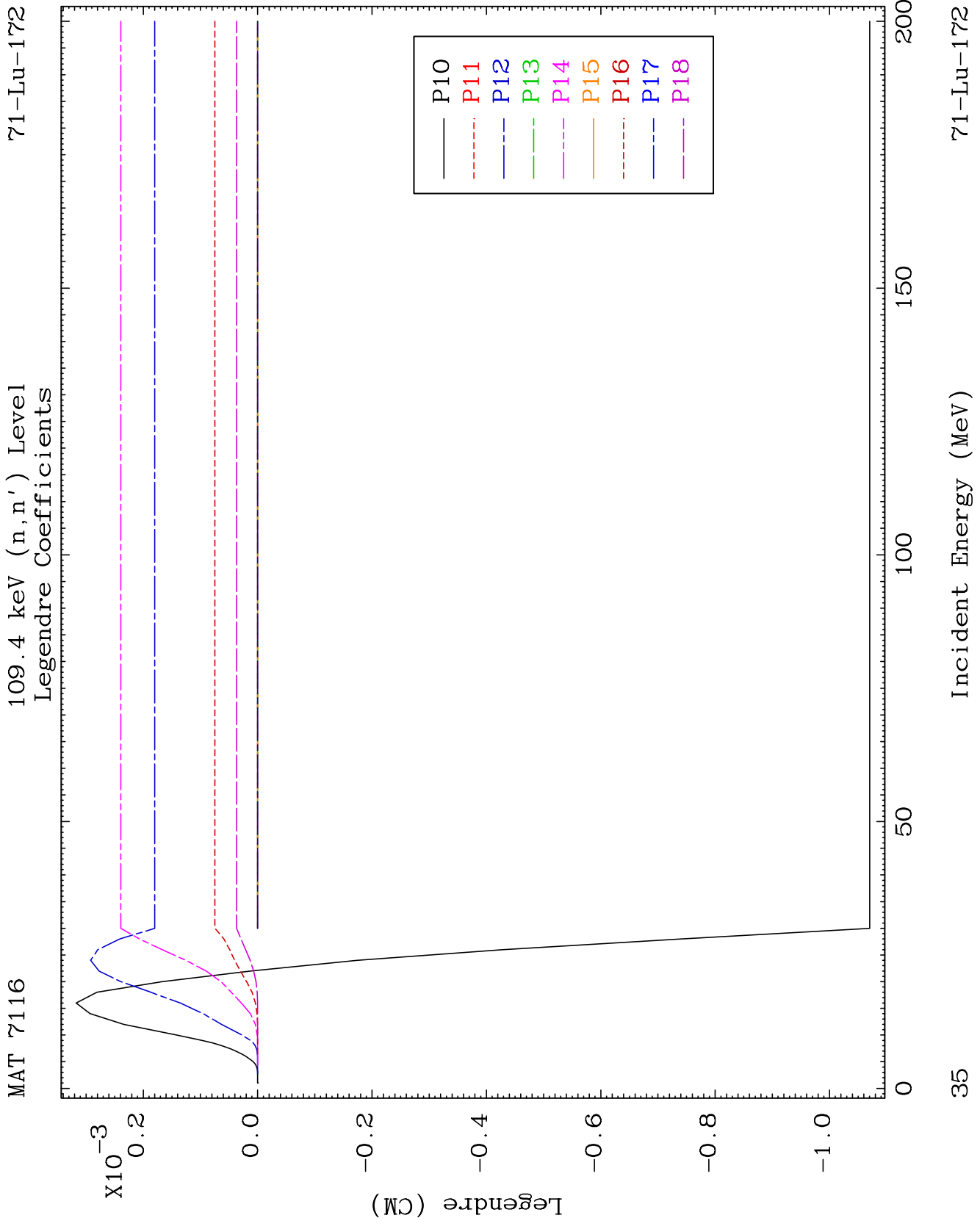


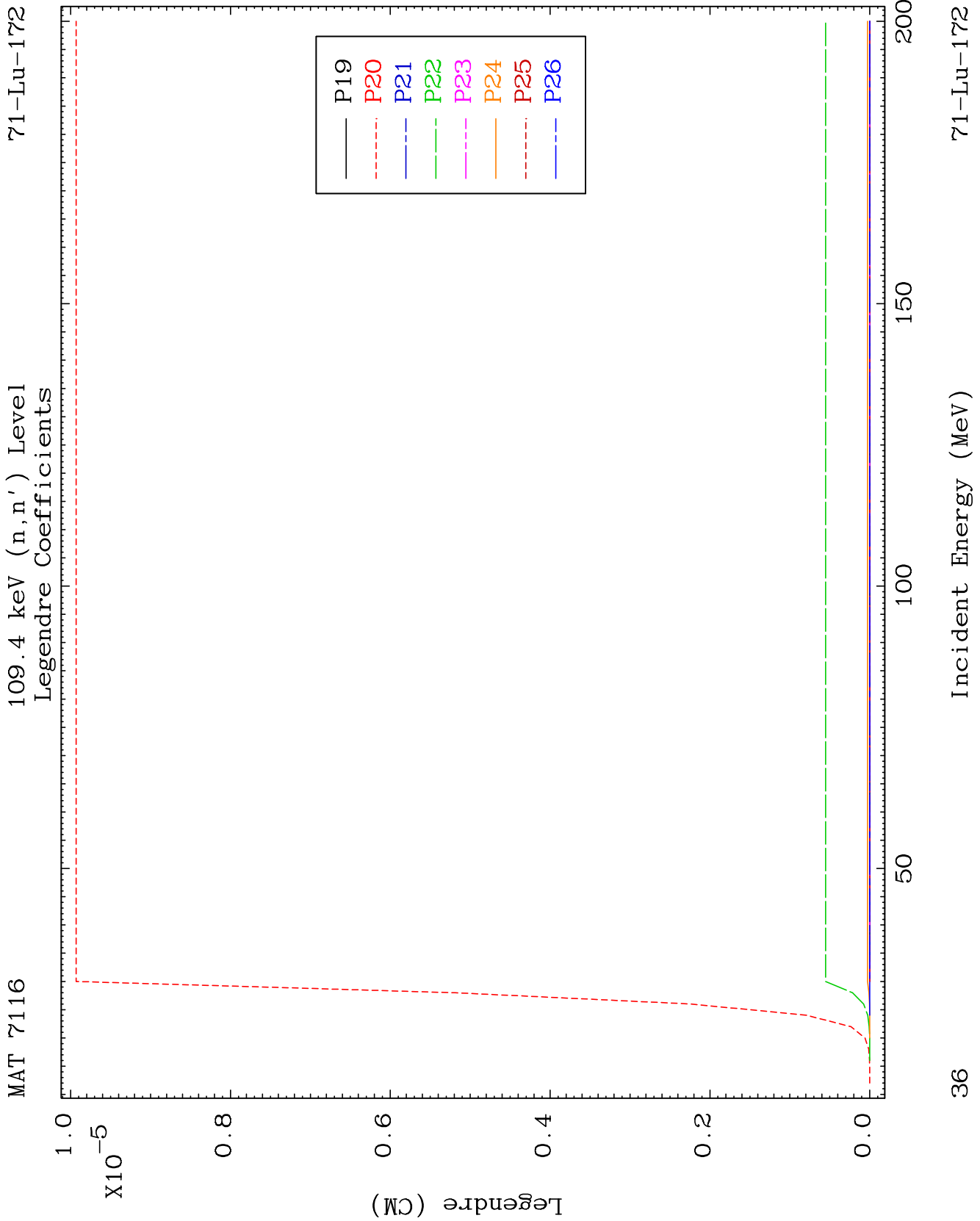


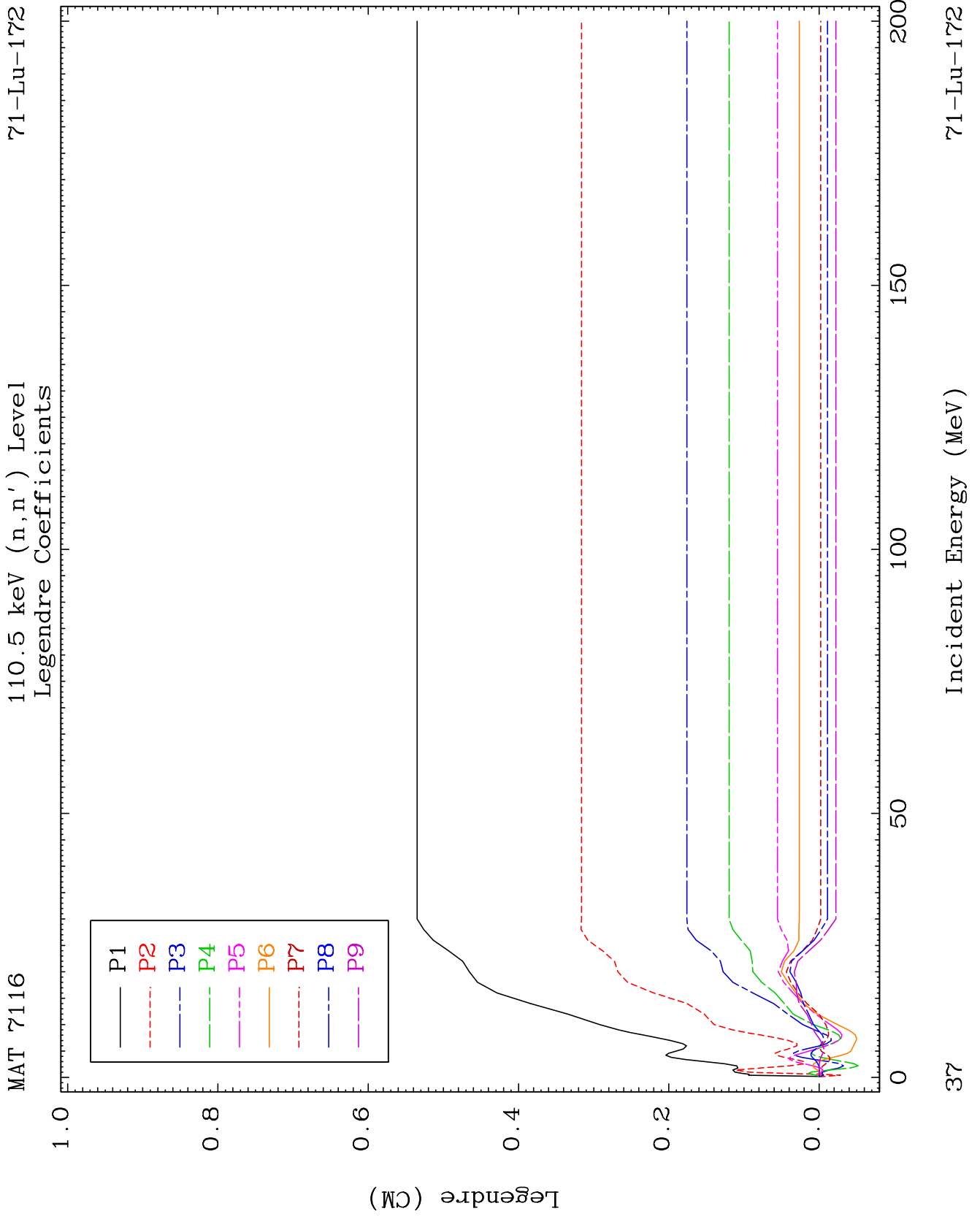


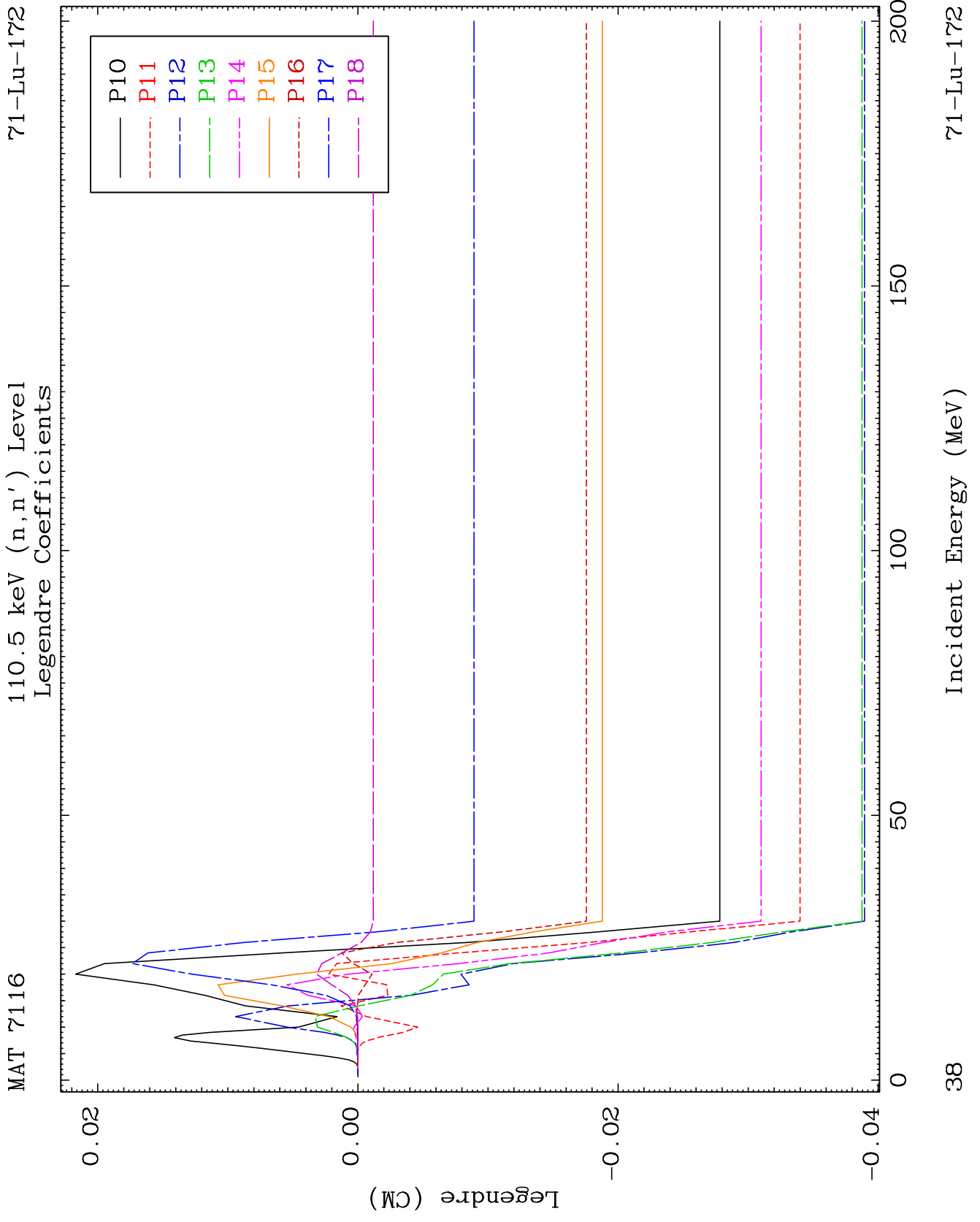


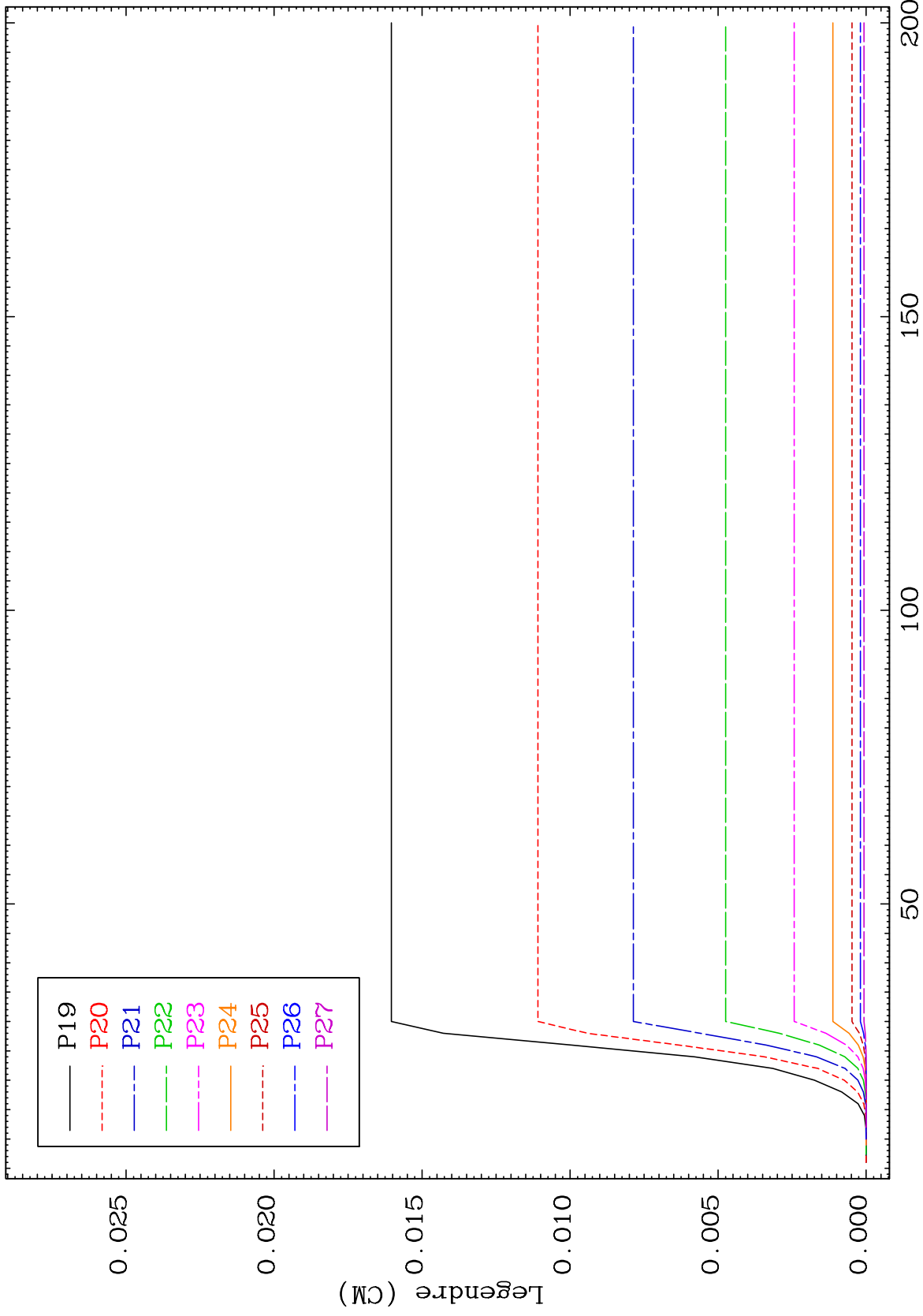




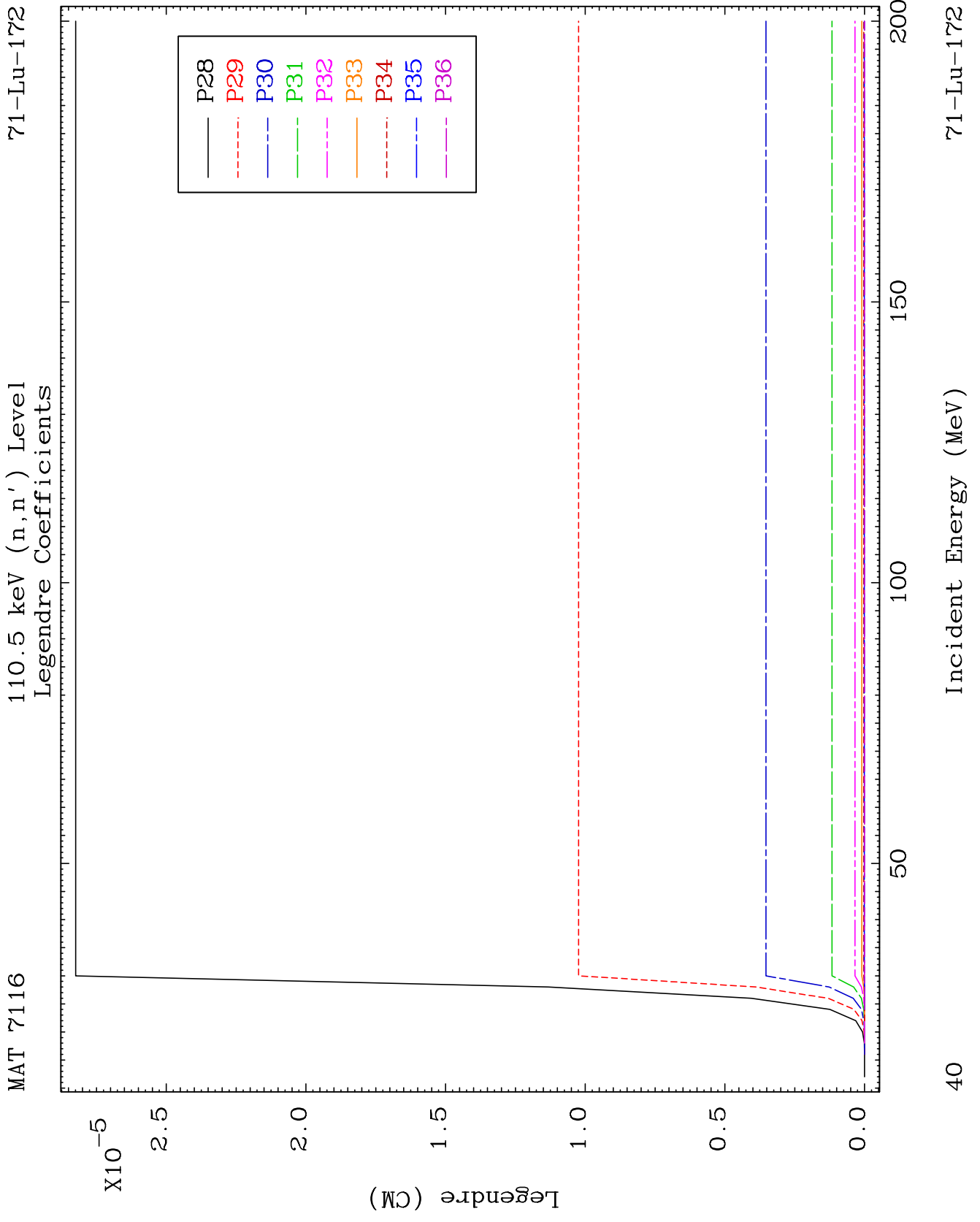


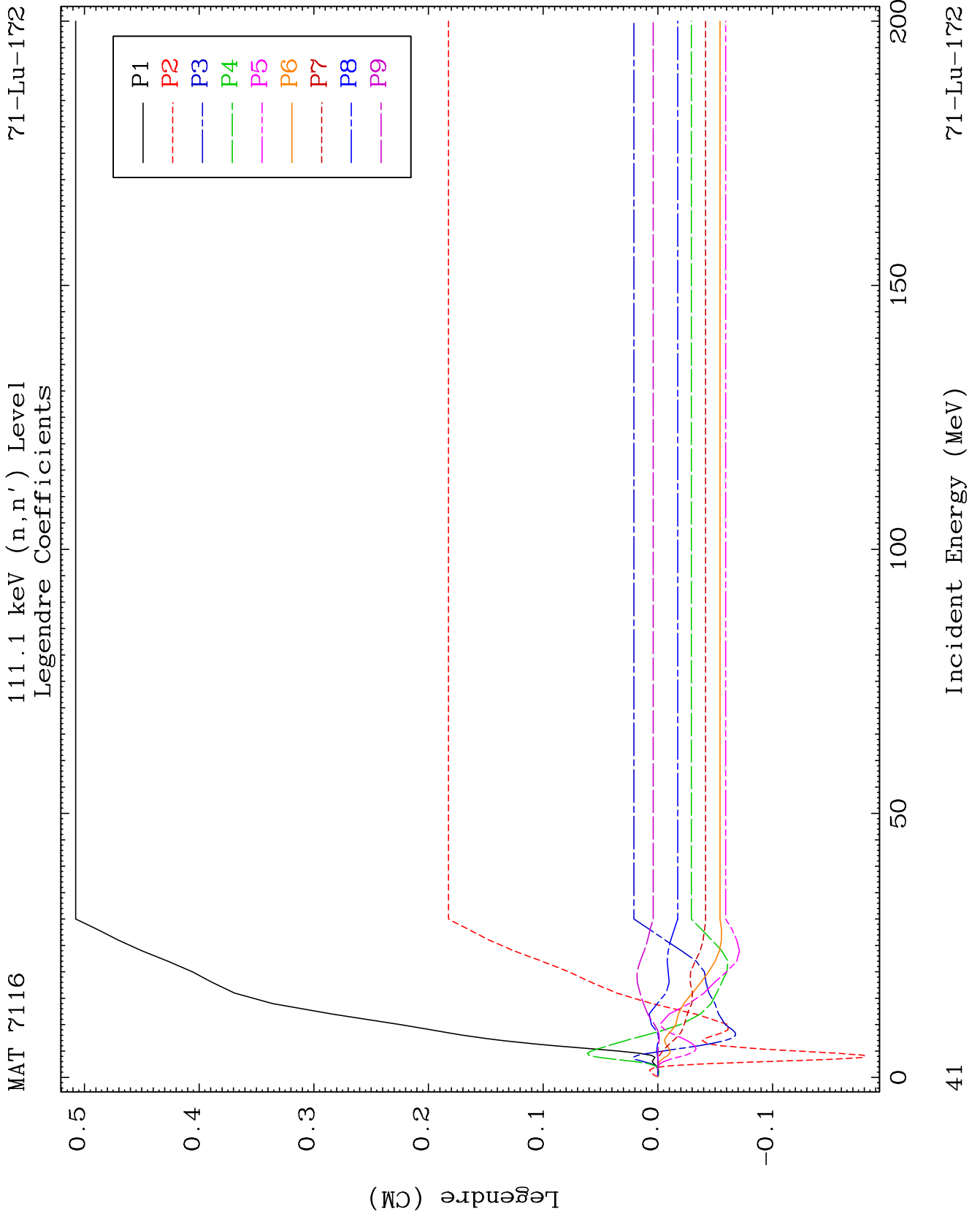


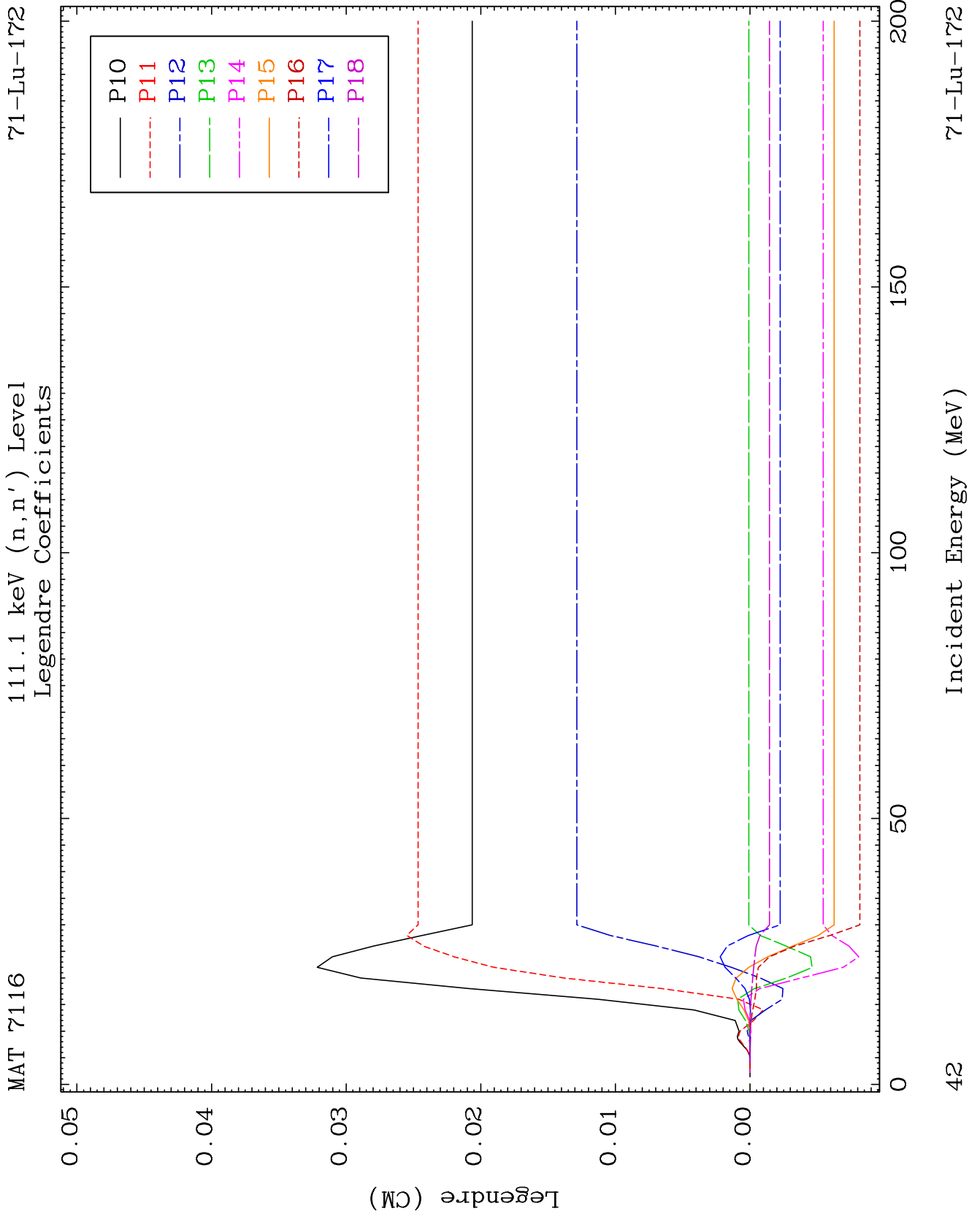


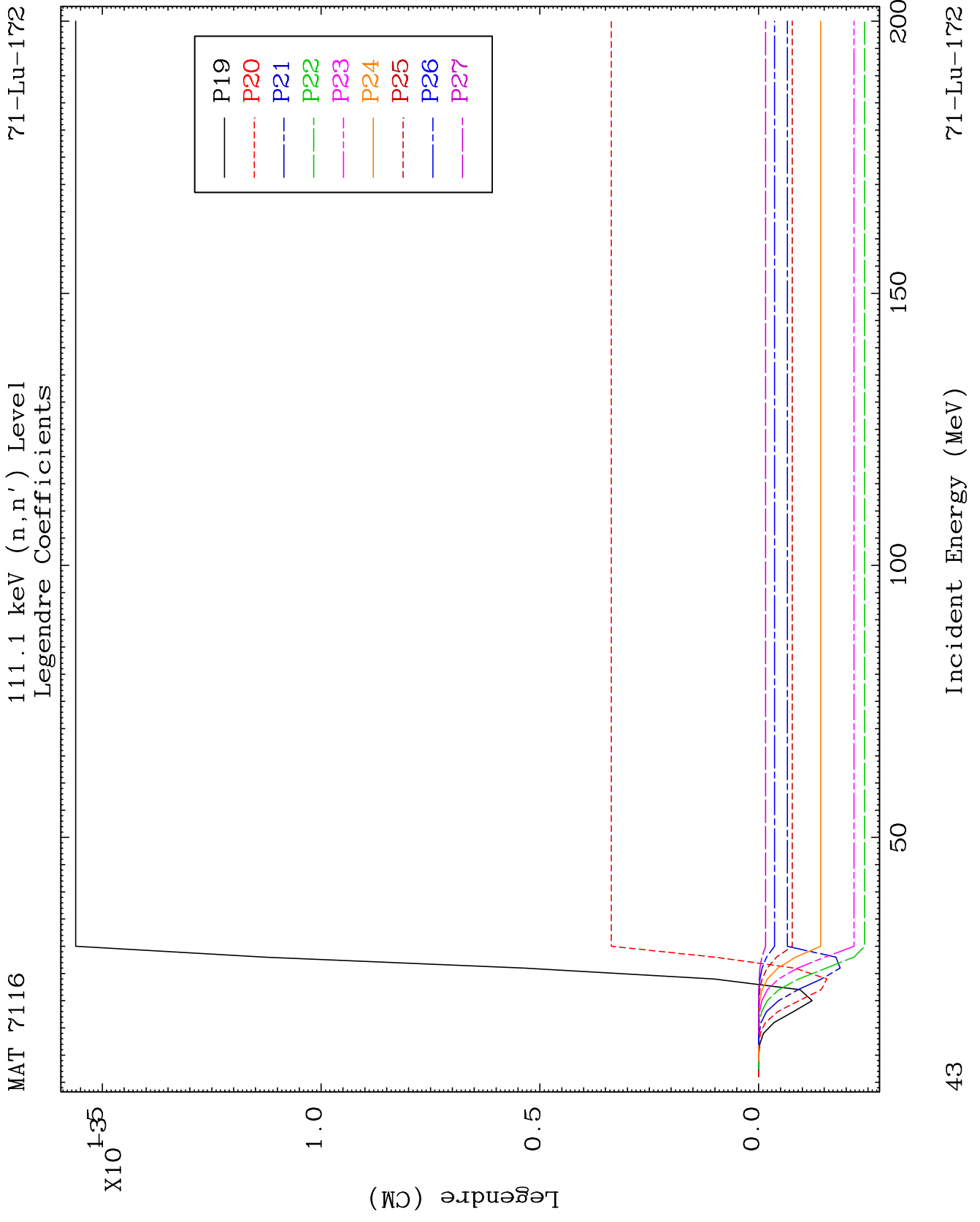


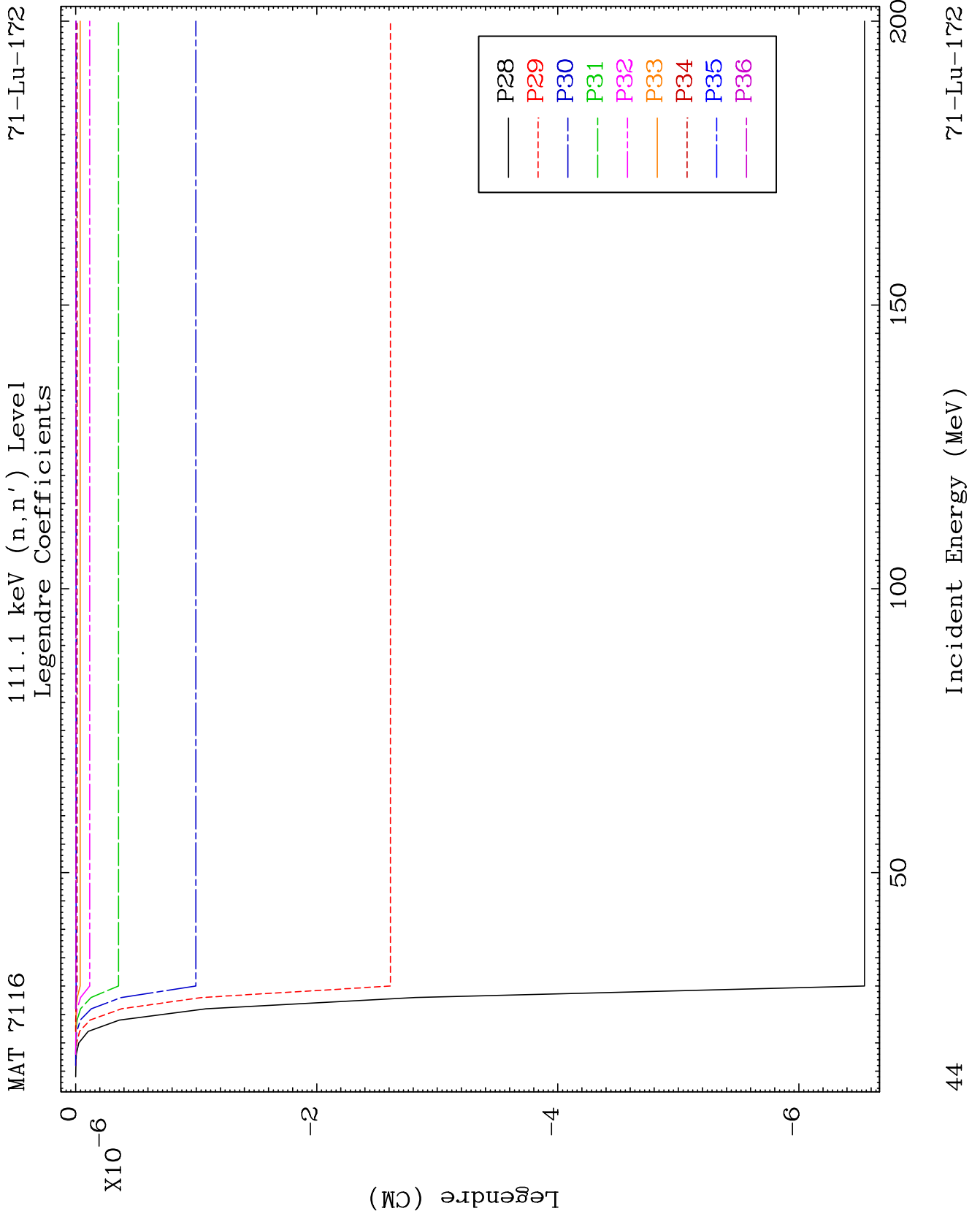


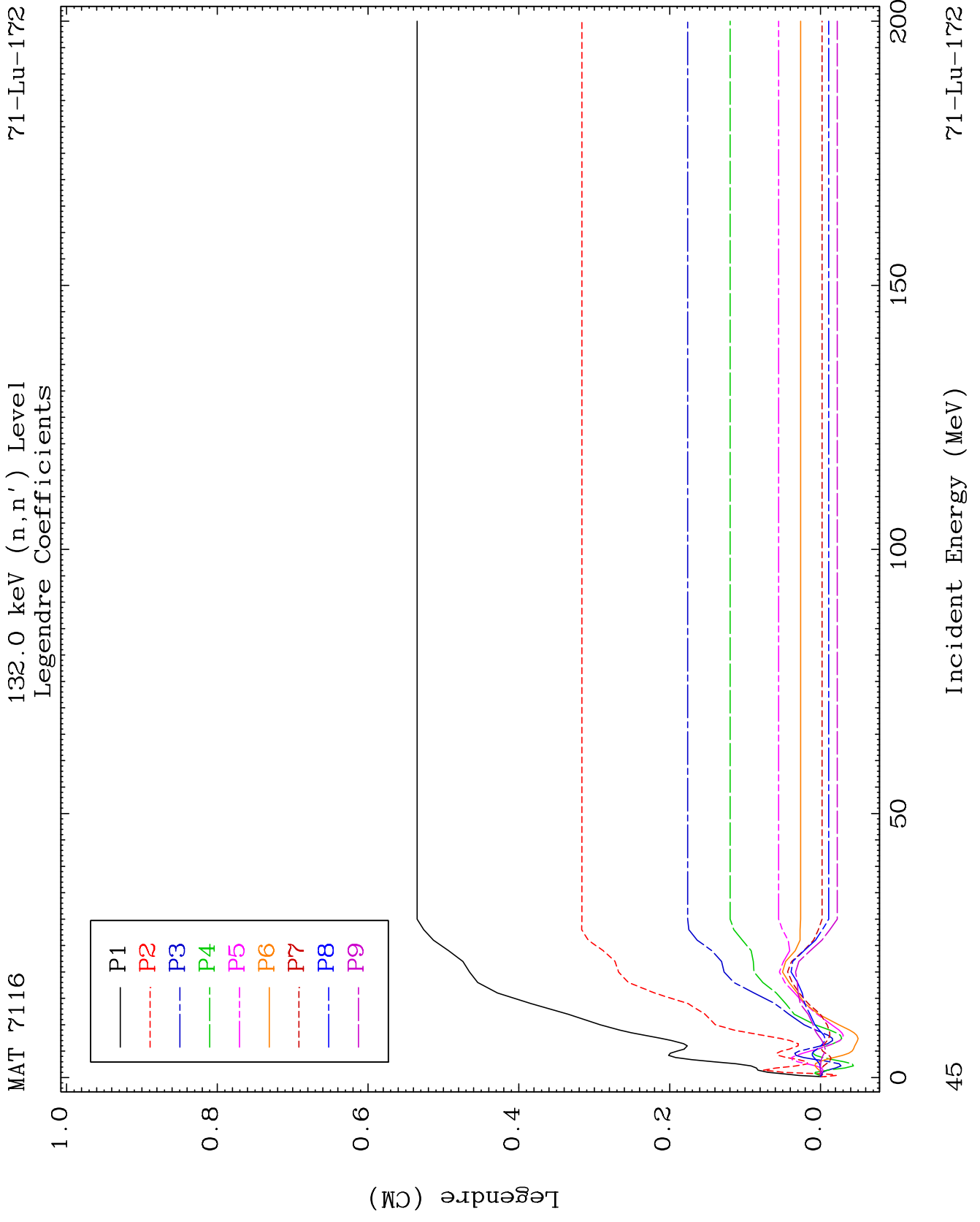


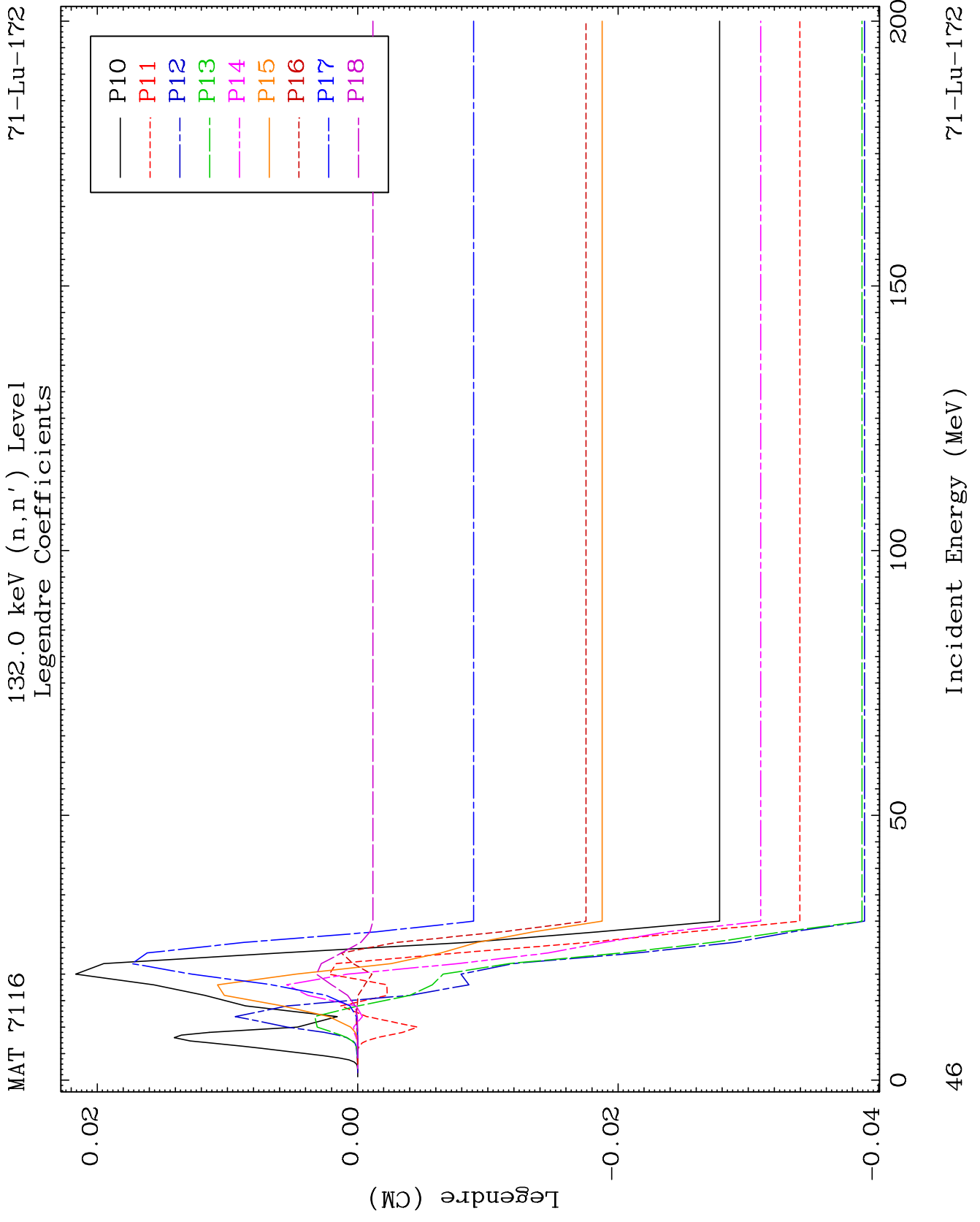








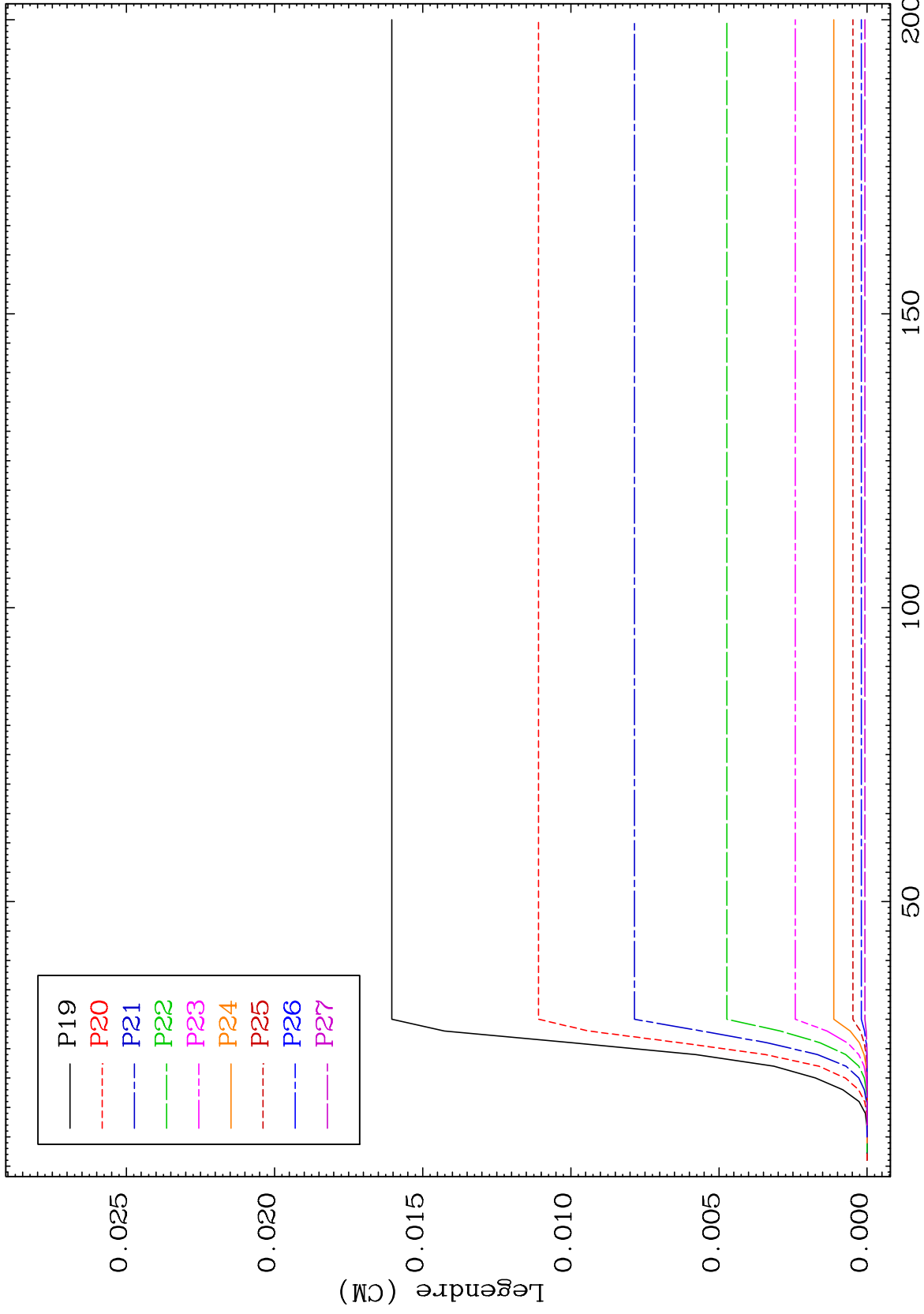




MAT 7116

132.0 keV (n,n') Level  
Legendre Coefficients

71-Lu-172

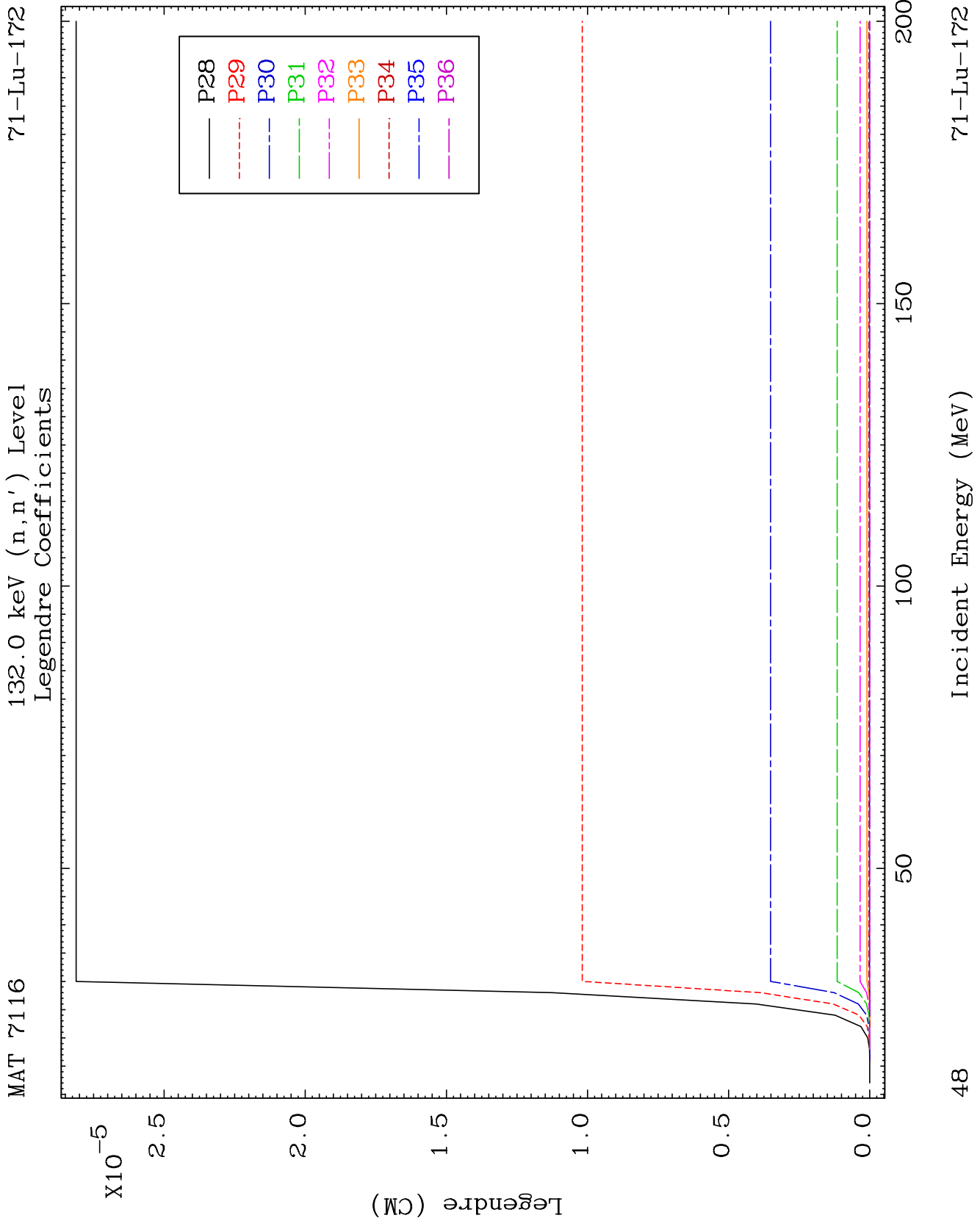


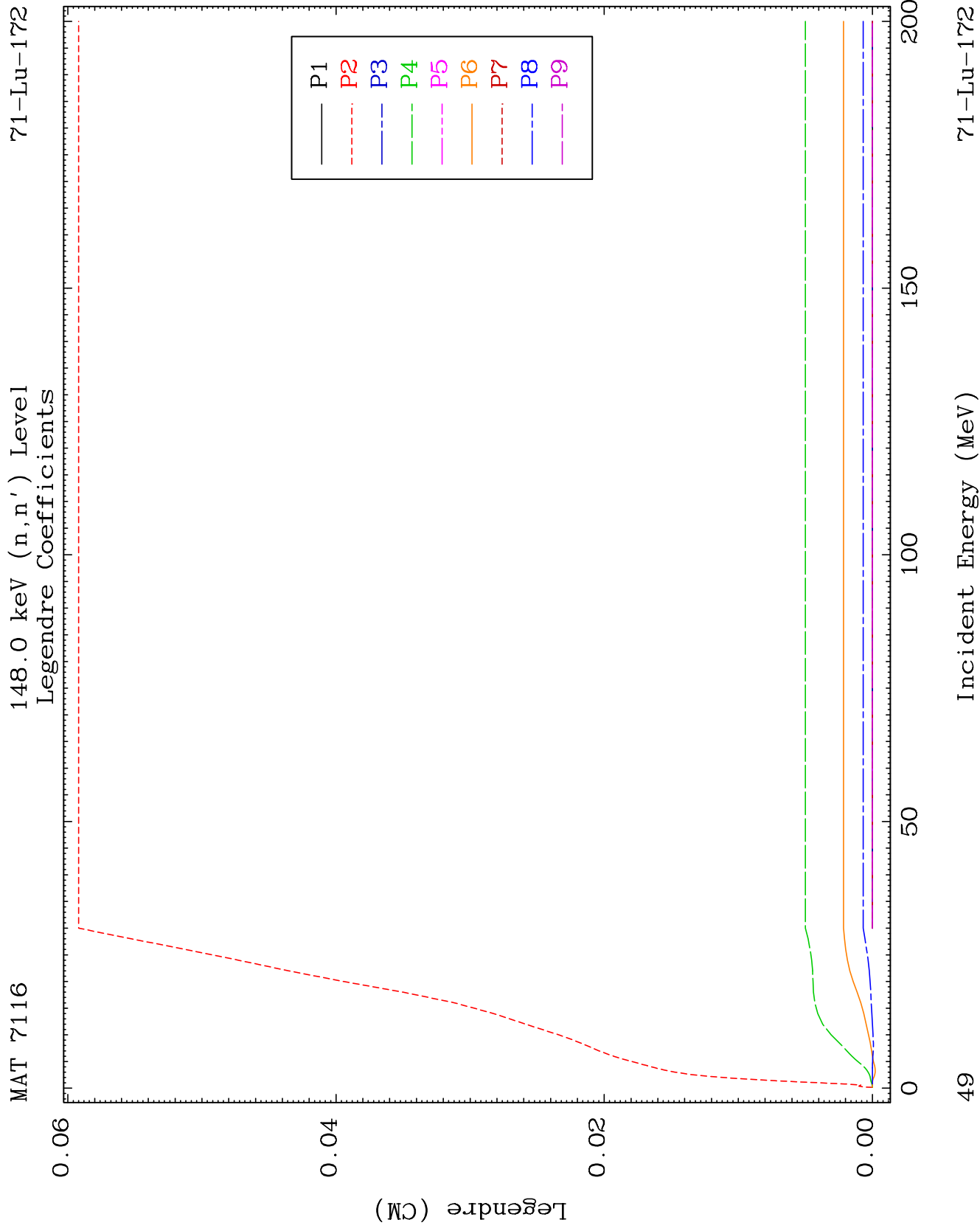
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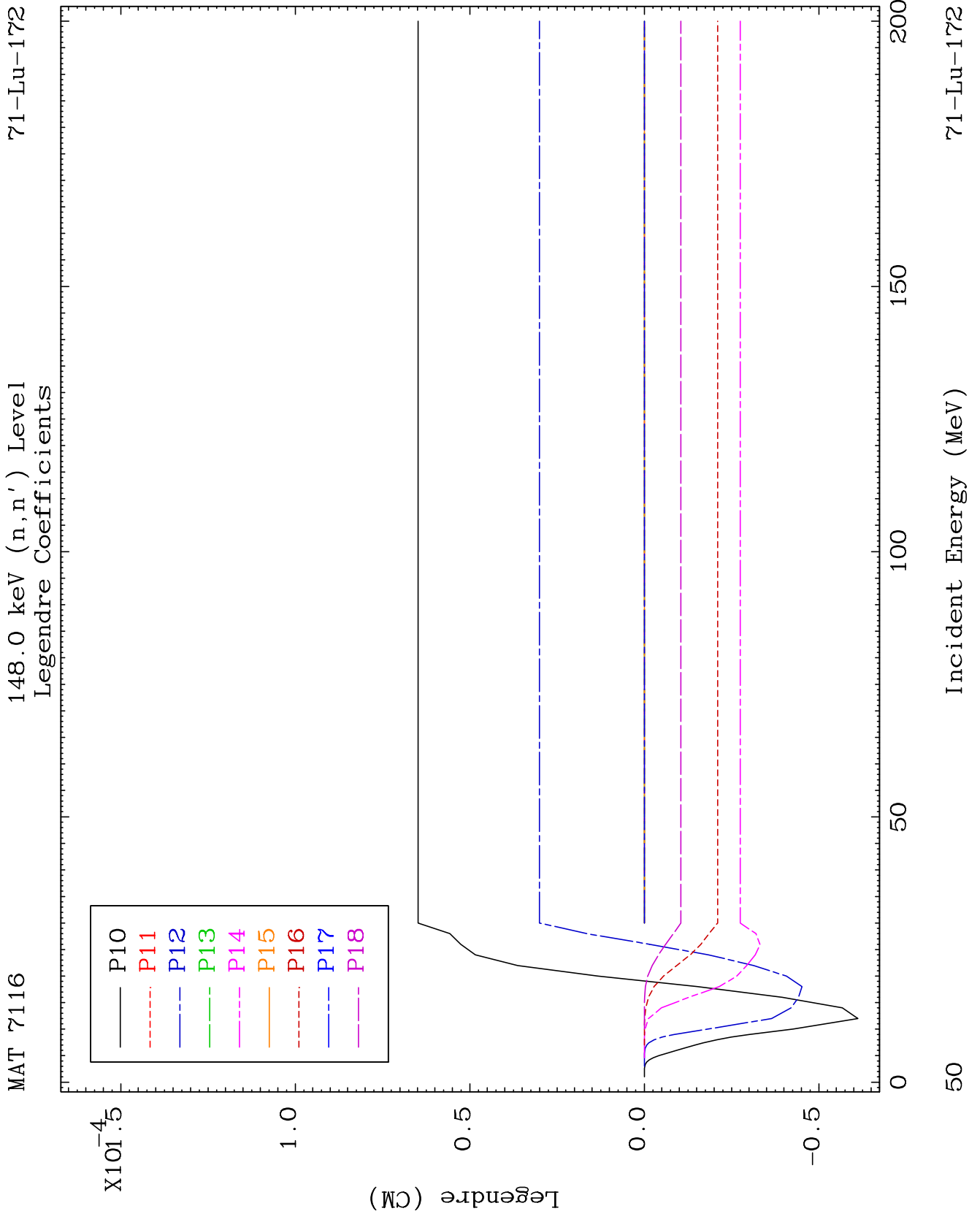
Incident Energy (MeV)

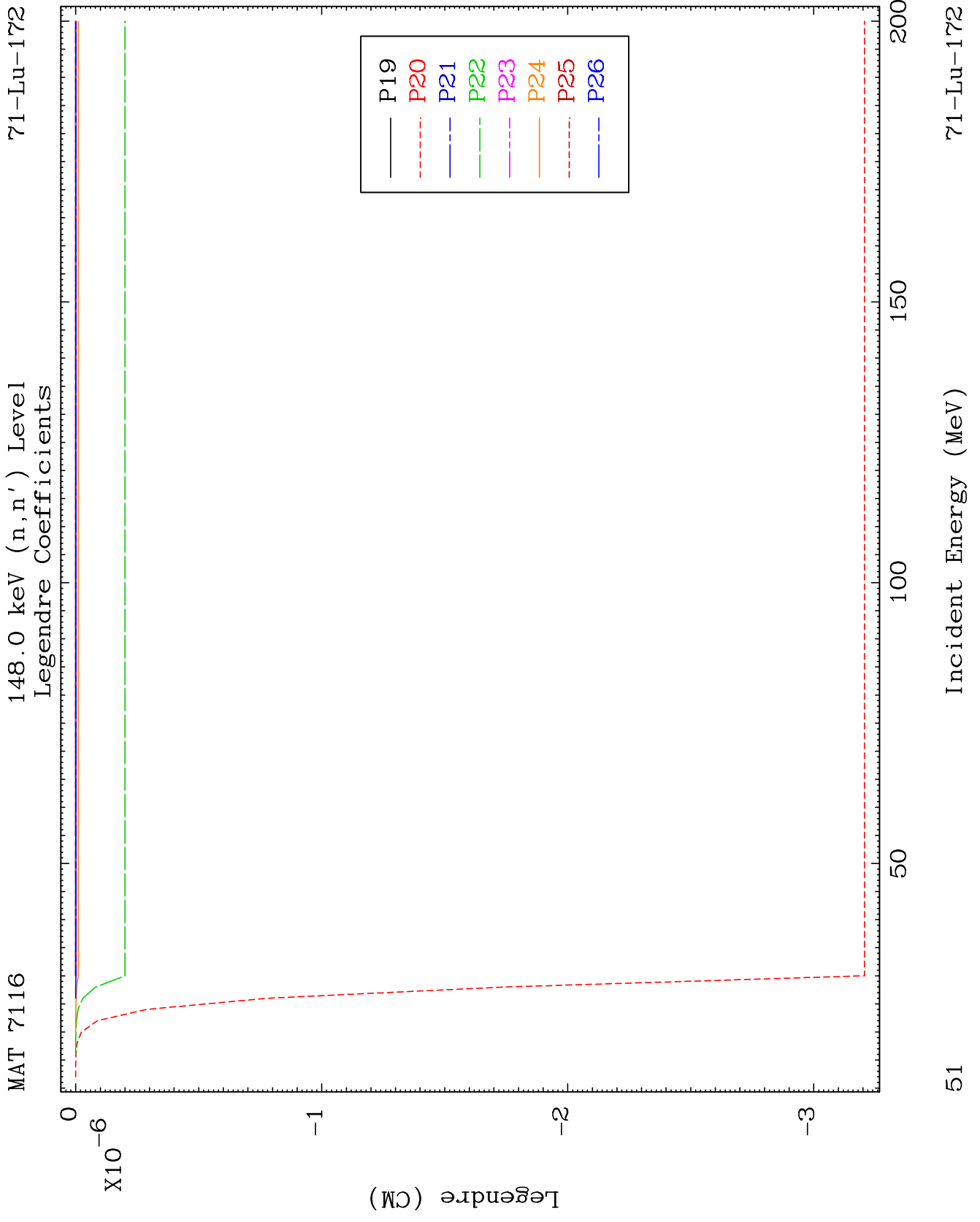
71-Lu-172

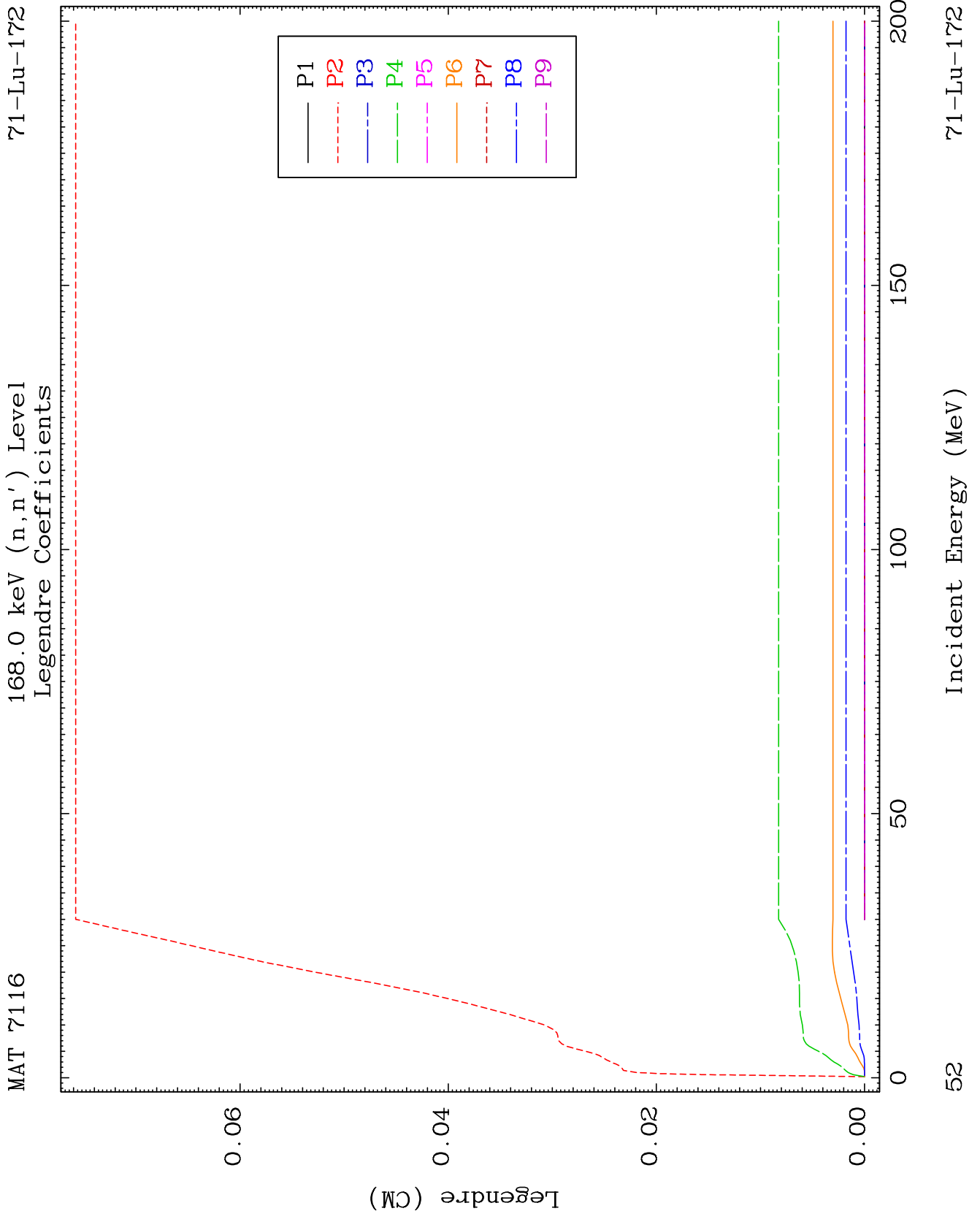








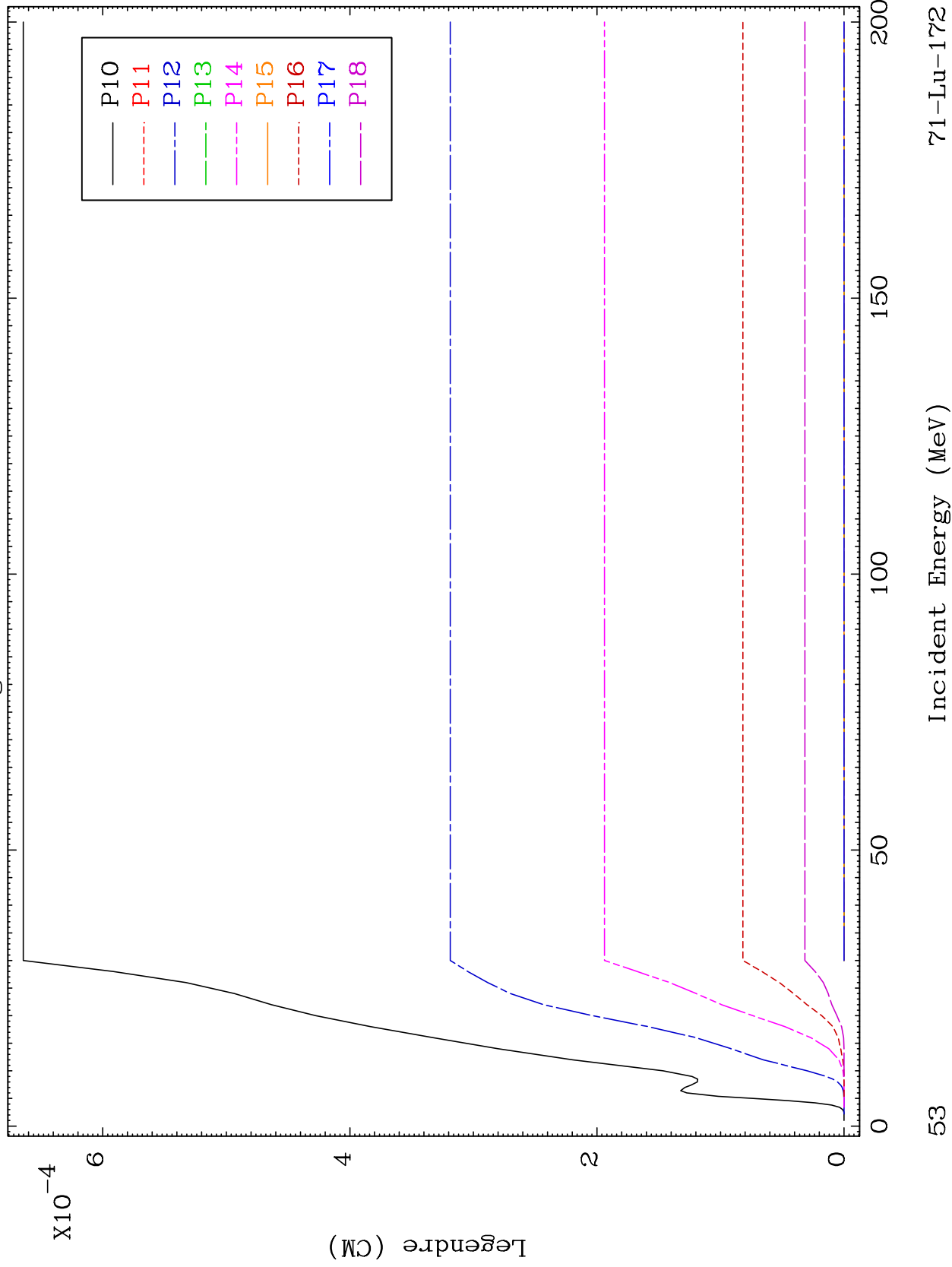




MAT 7116

168.0 keV (n,n') Level  
Legendre Coefficients

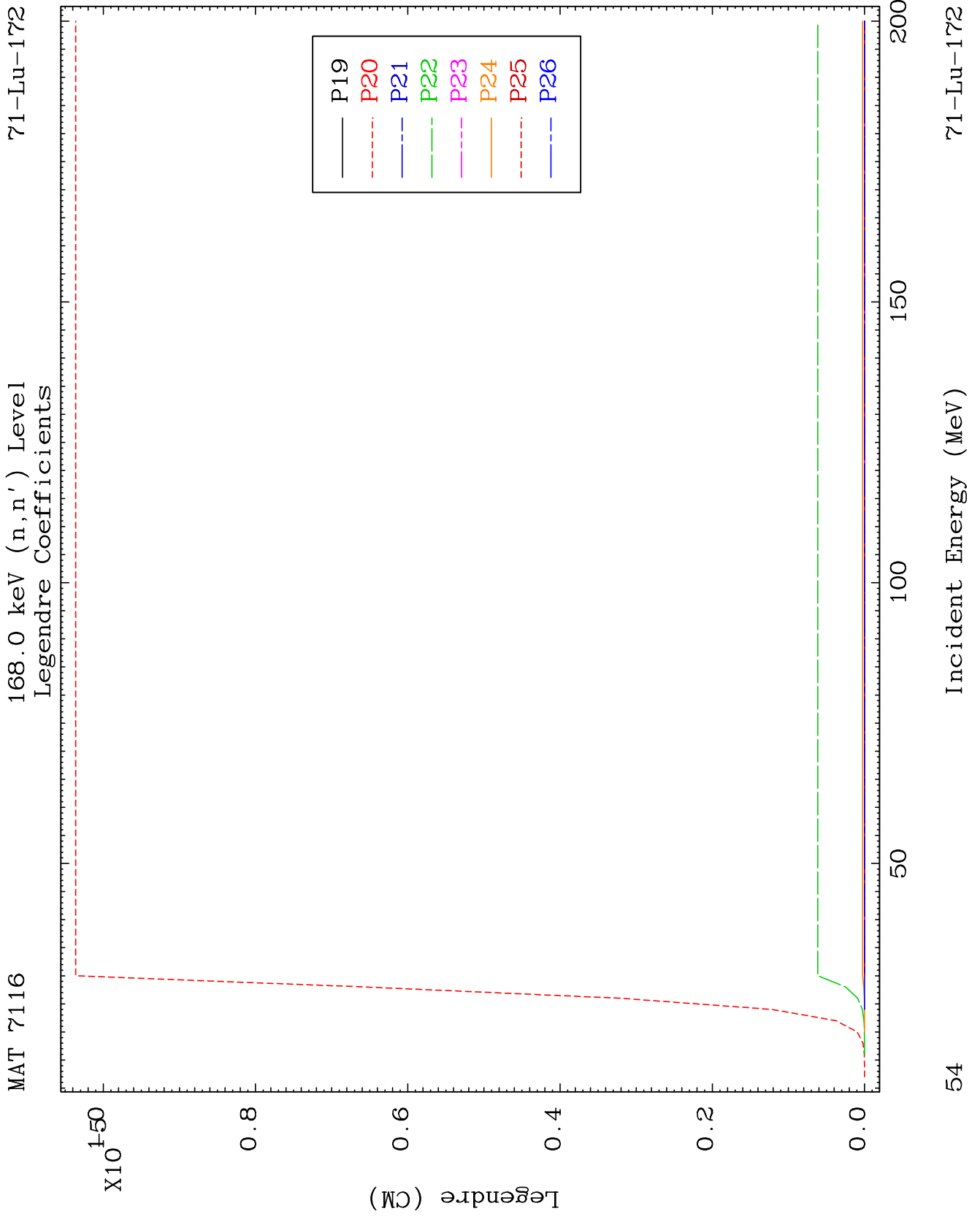
71-Lu-172



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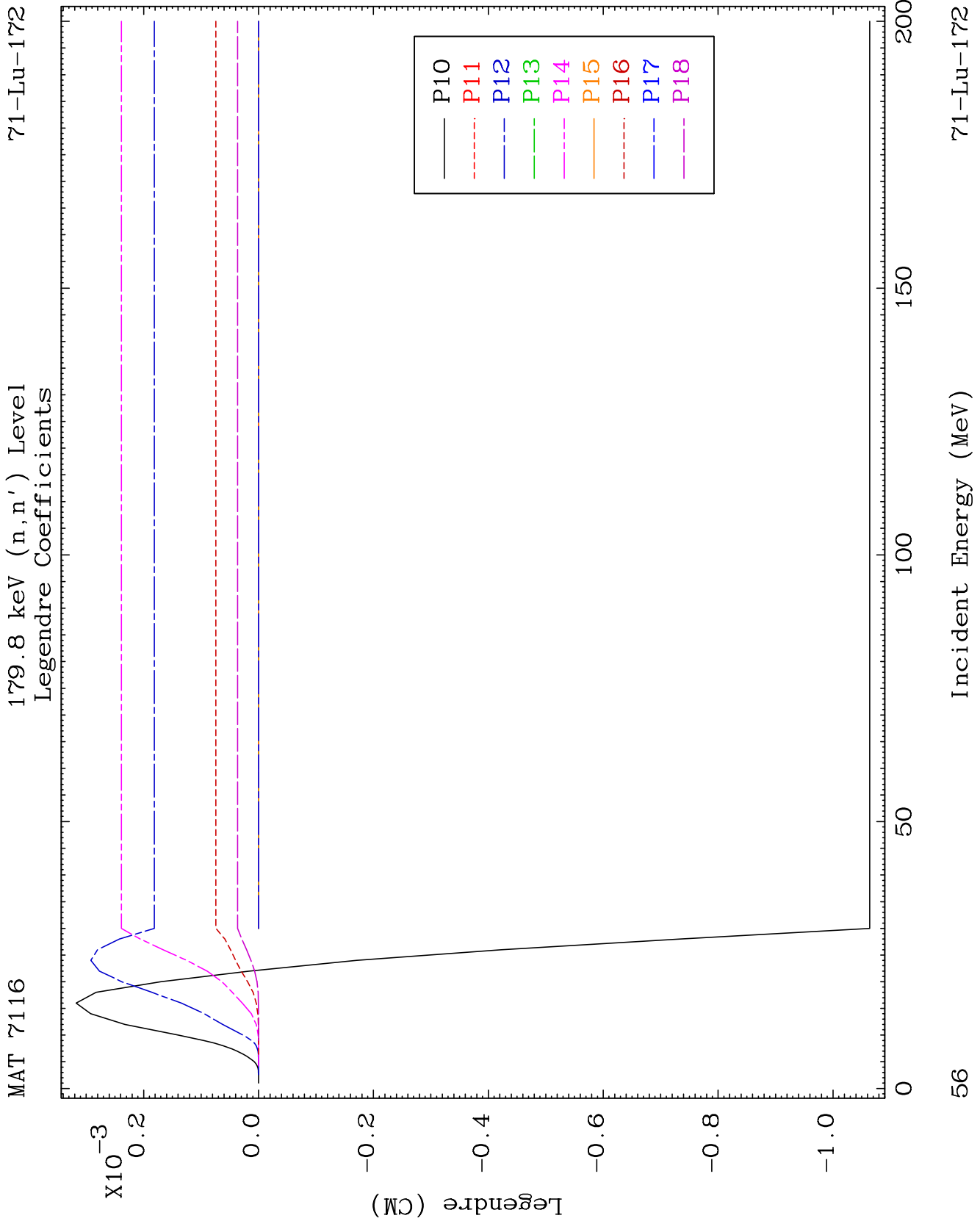
Incident Energy (MeV)

71-Lu-172

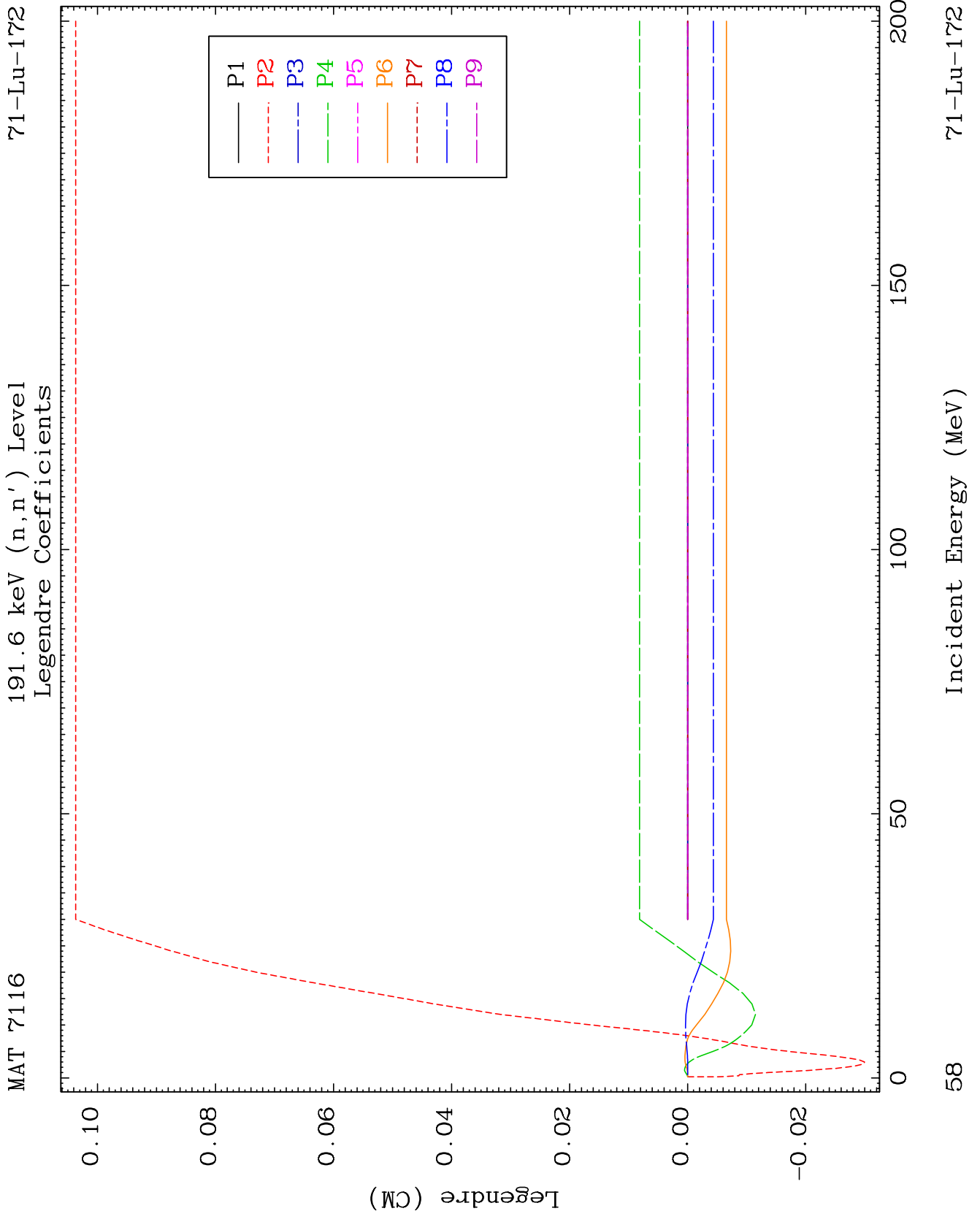


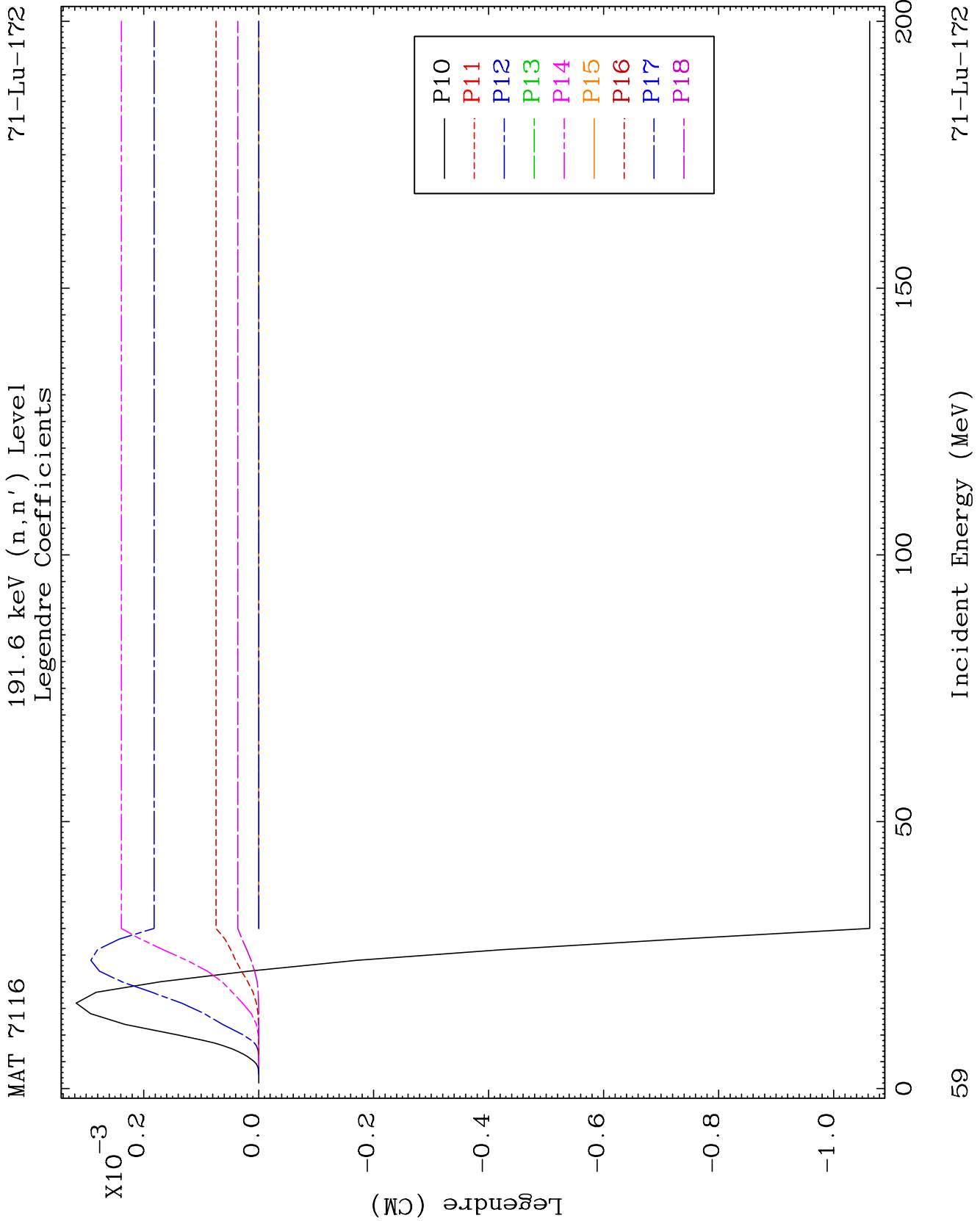


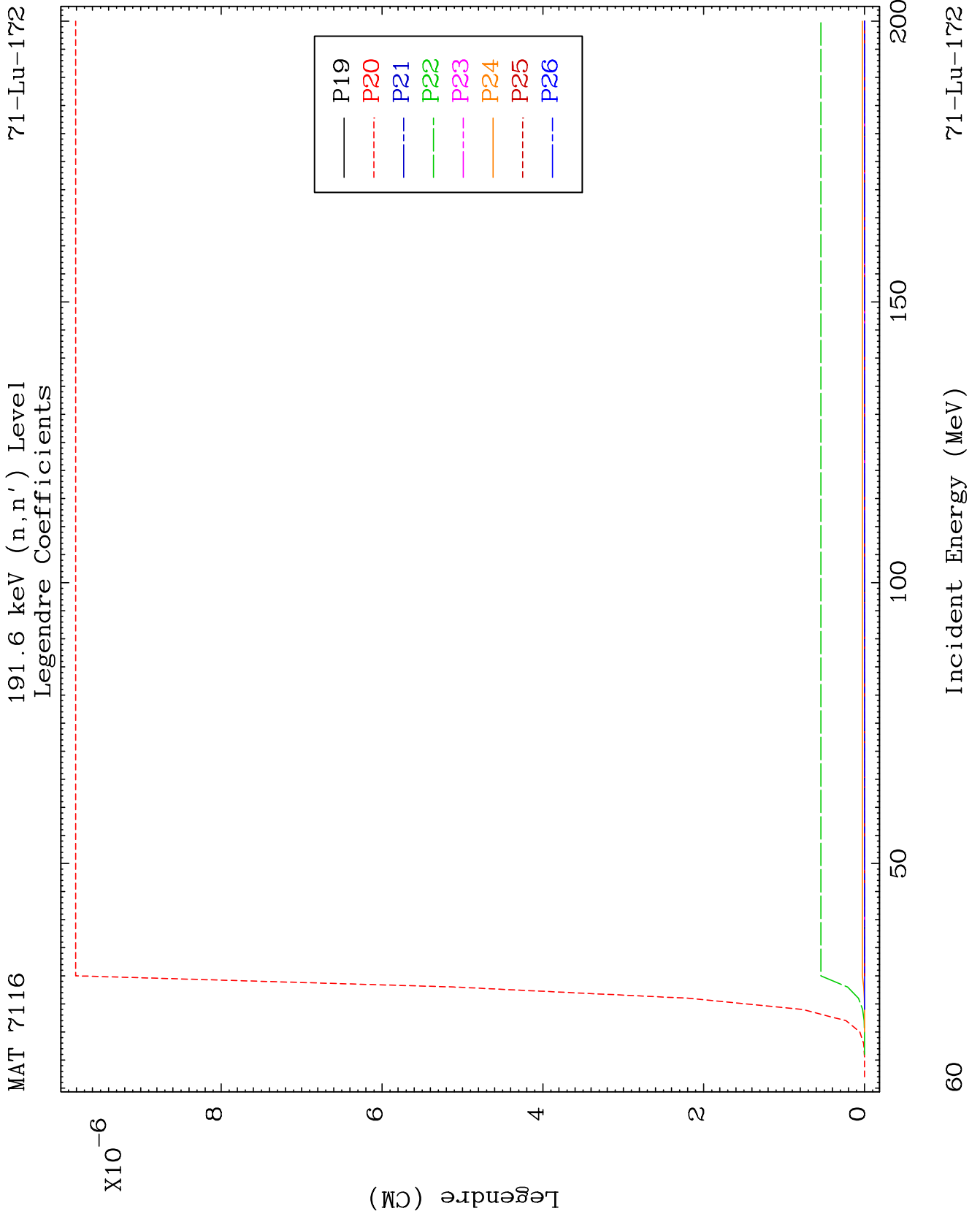


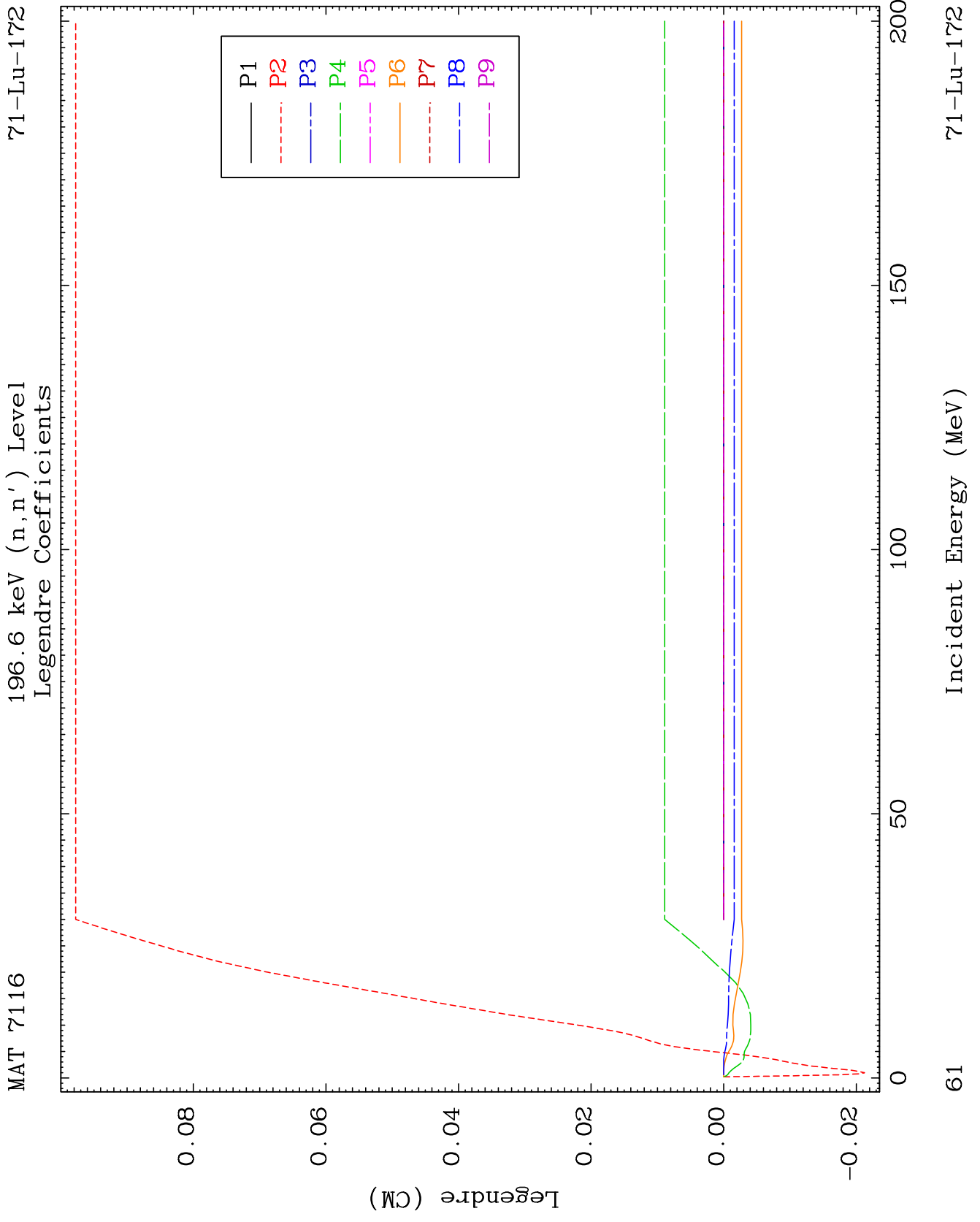








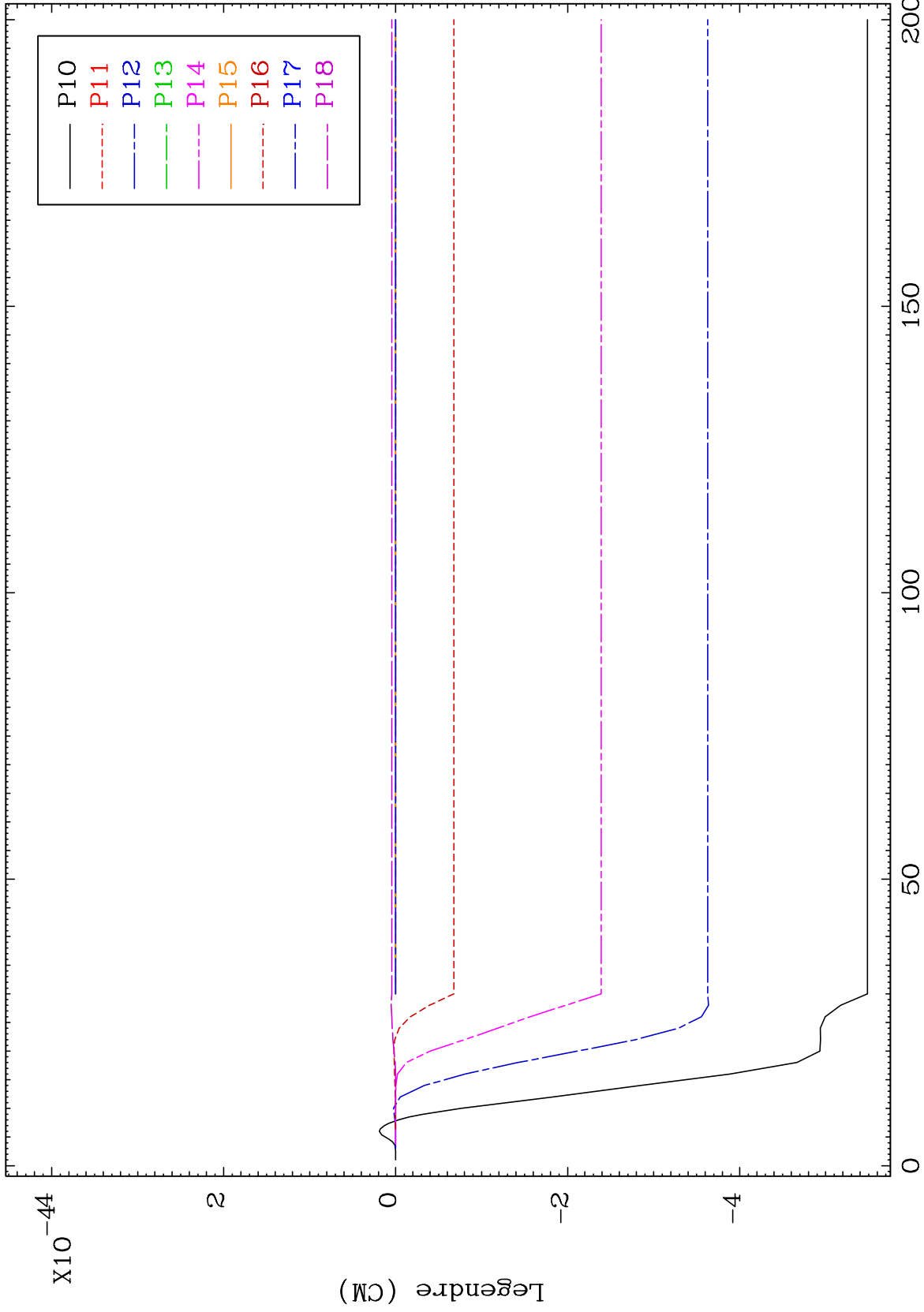




MAT 7116

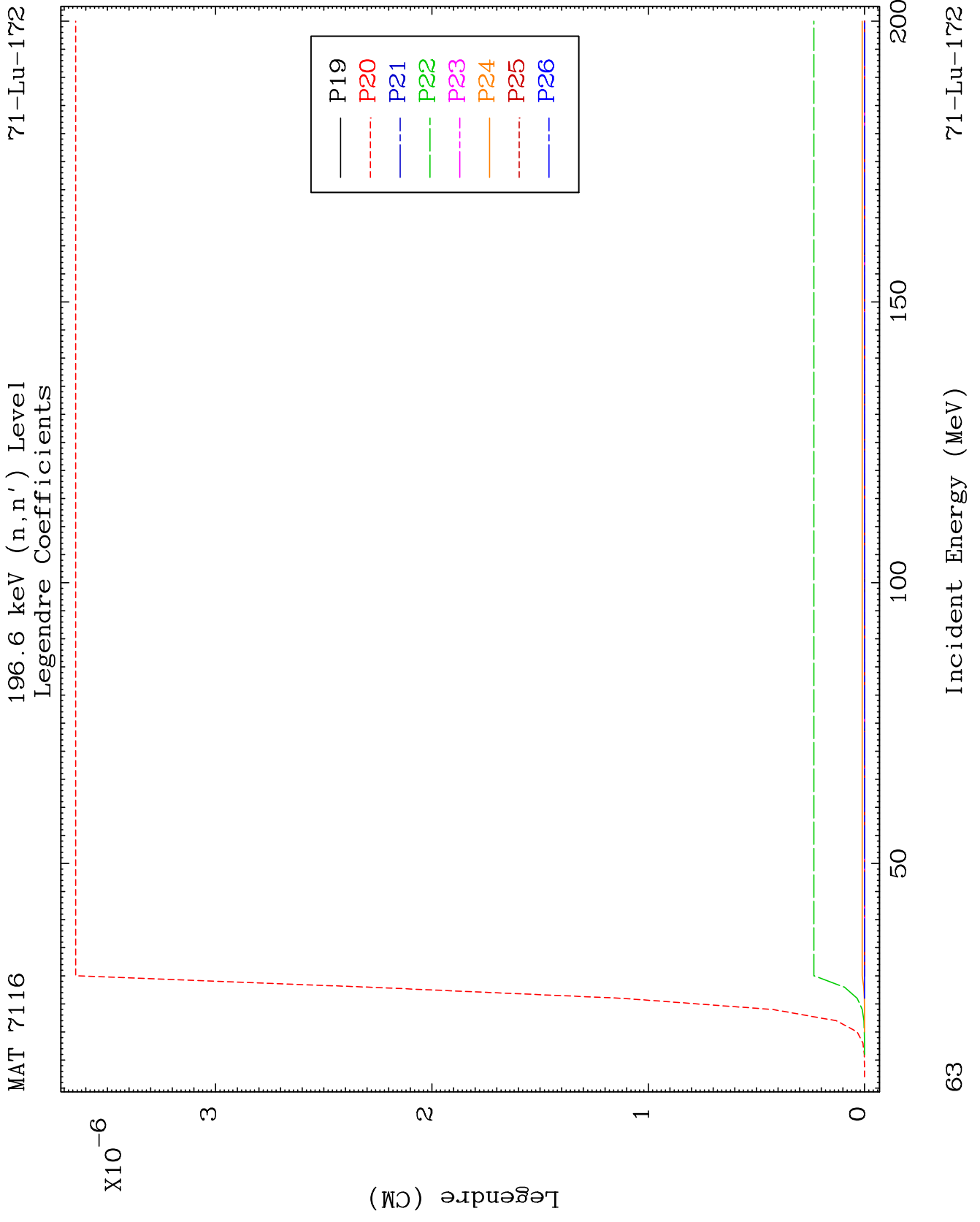
196.6 keV (n,n') Level  
Legendre Coefficients

71-Lu-172



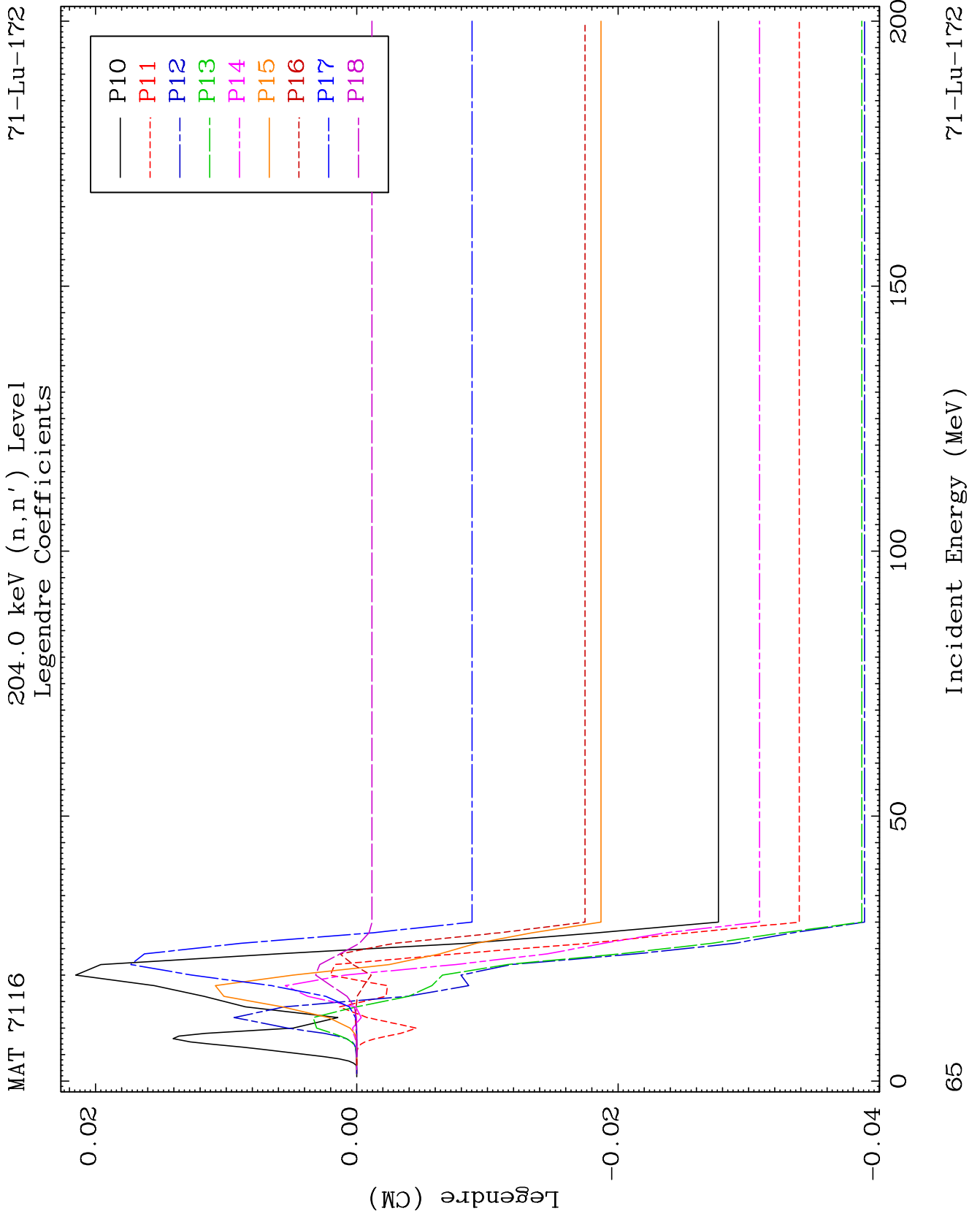
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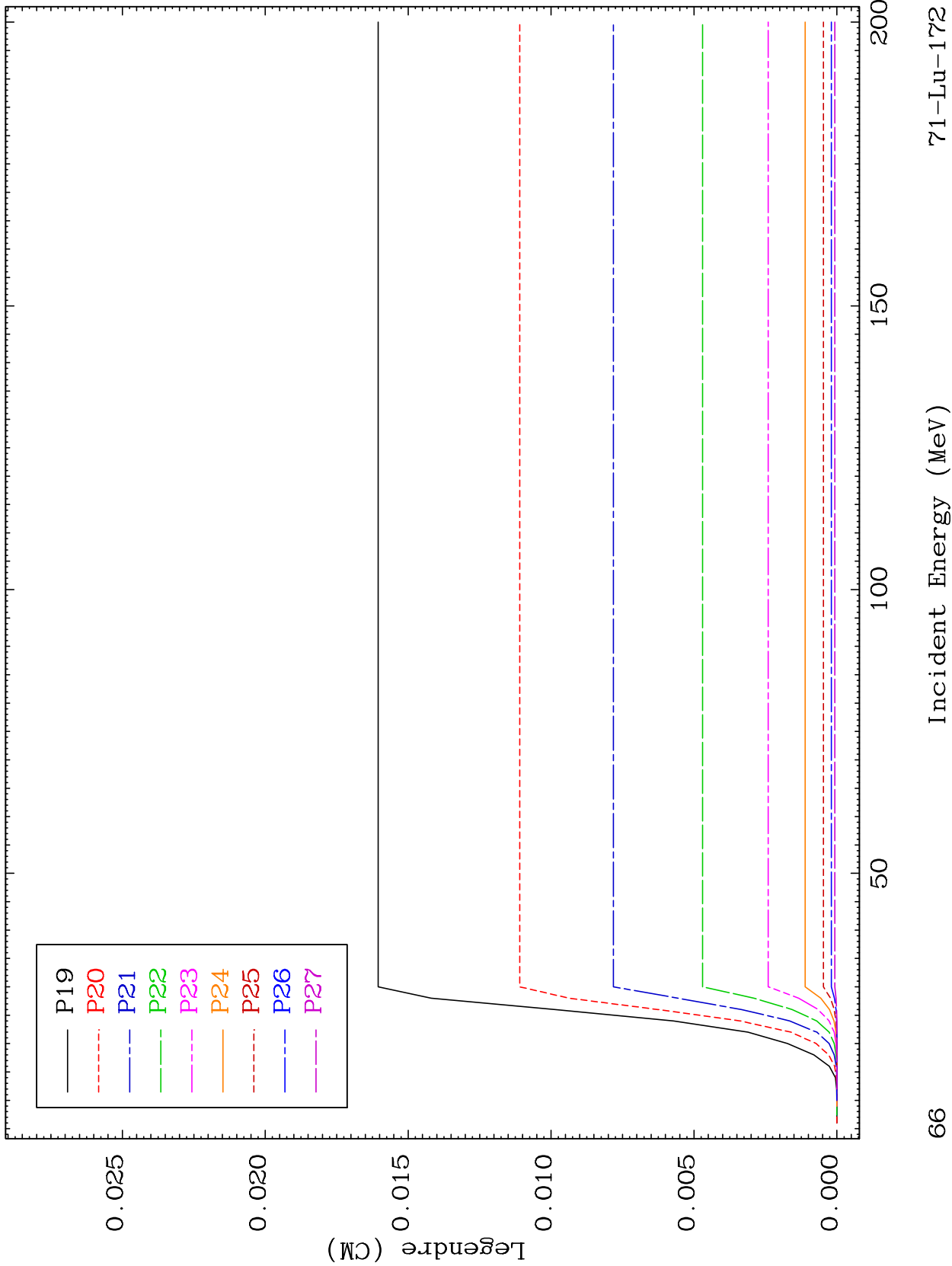
71-Lu-172

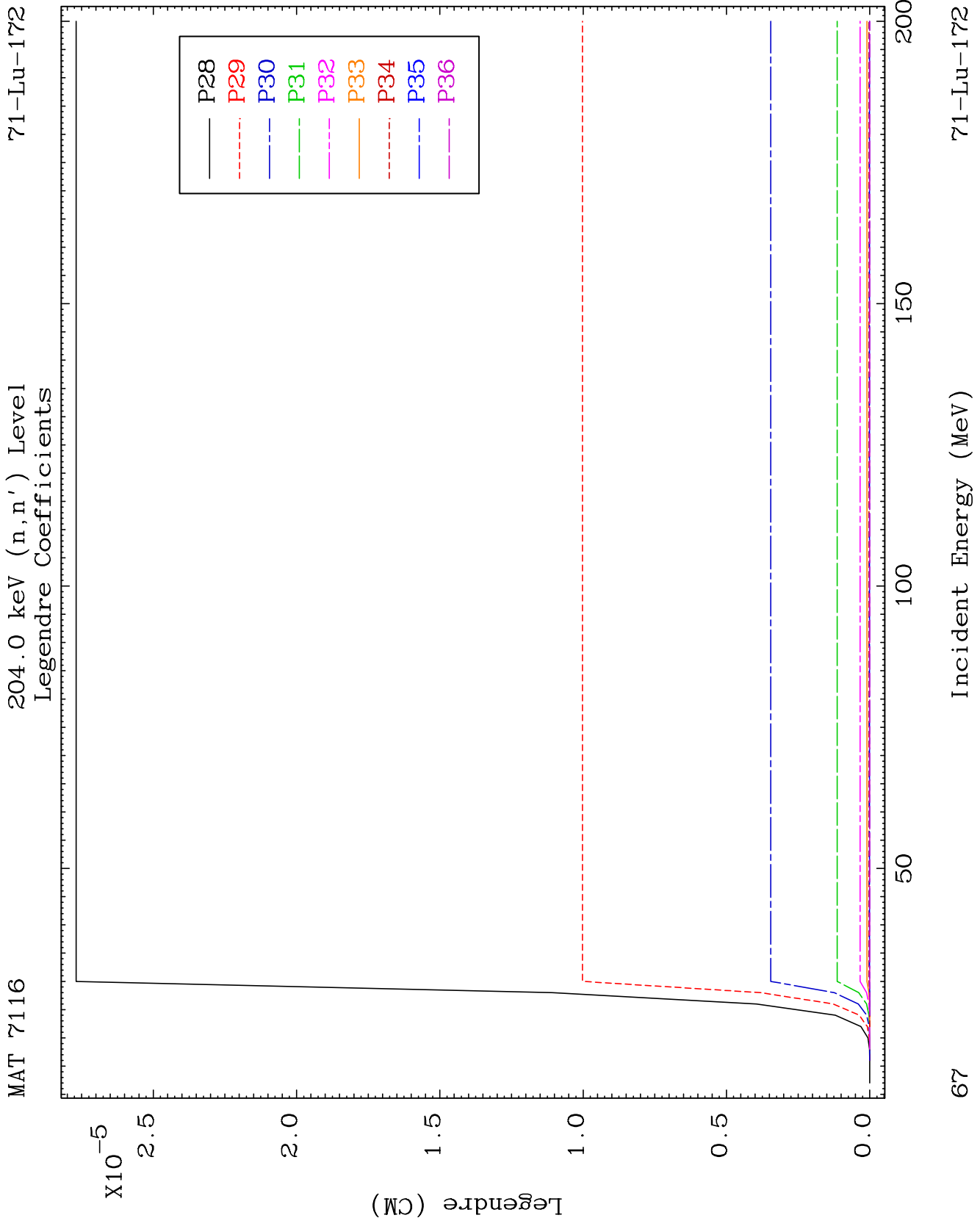


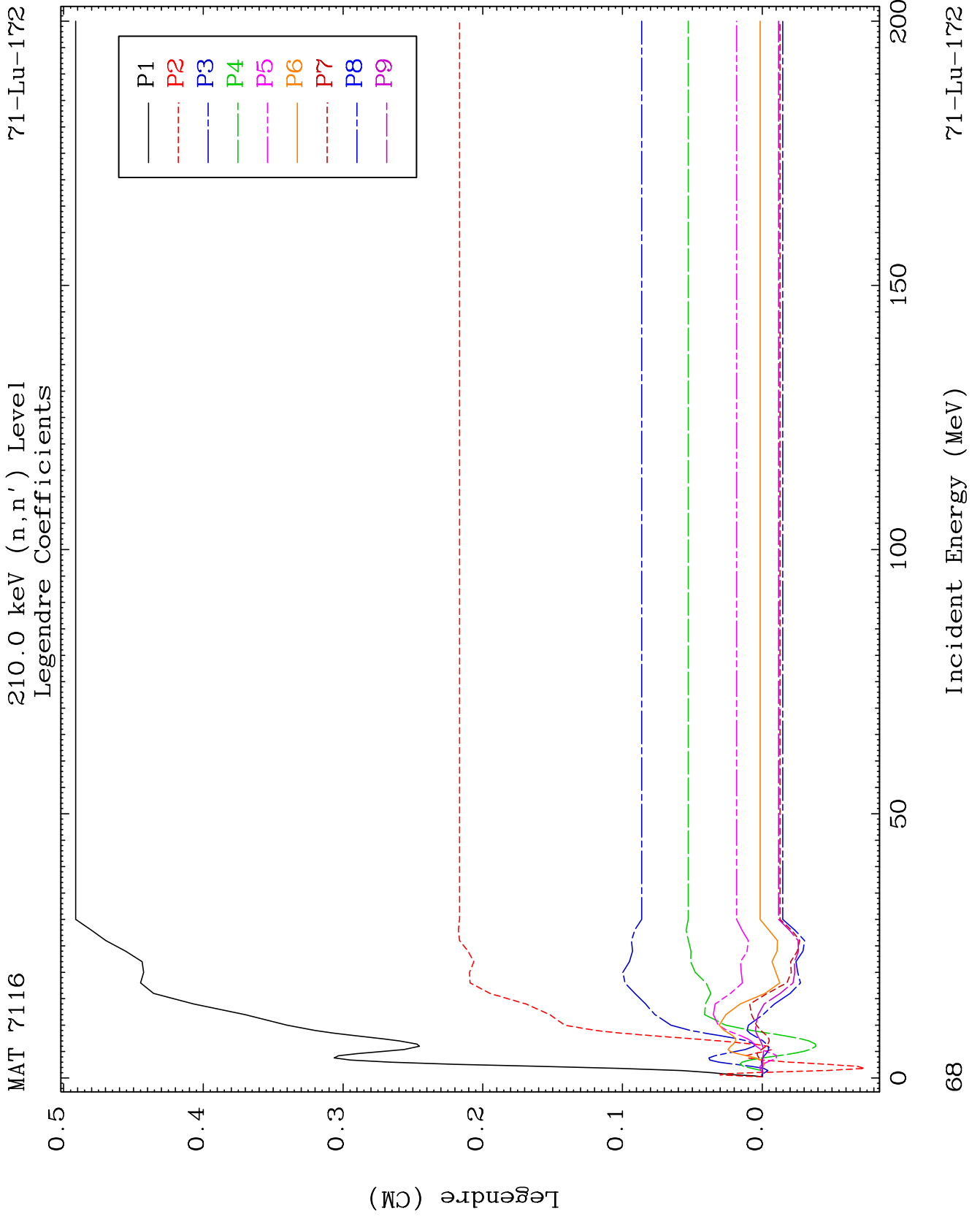


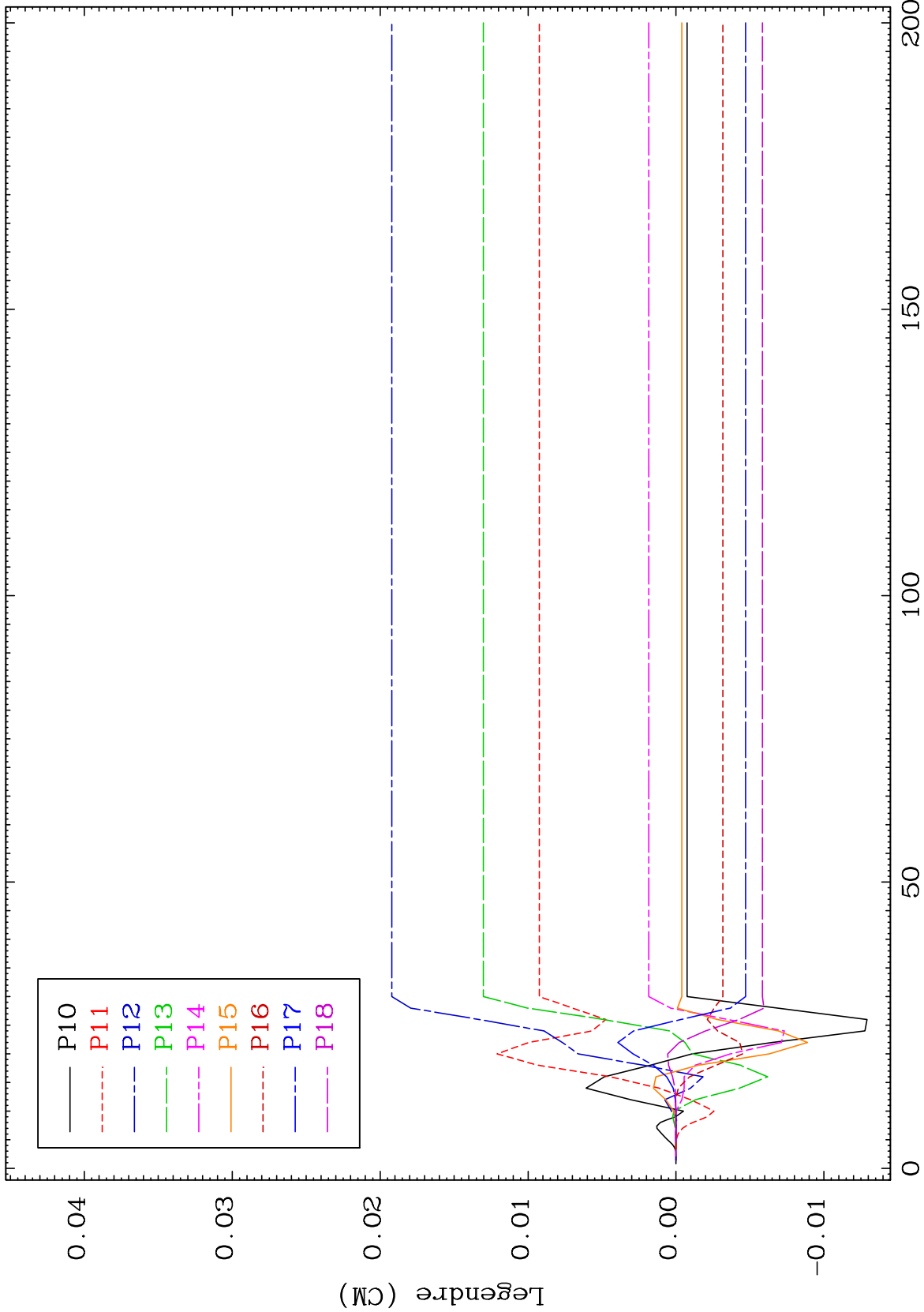




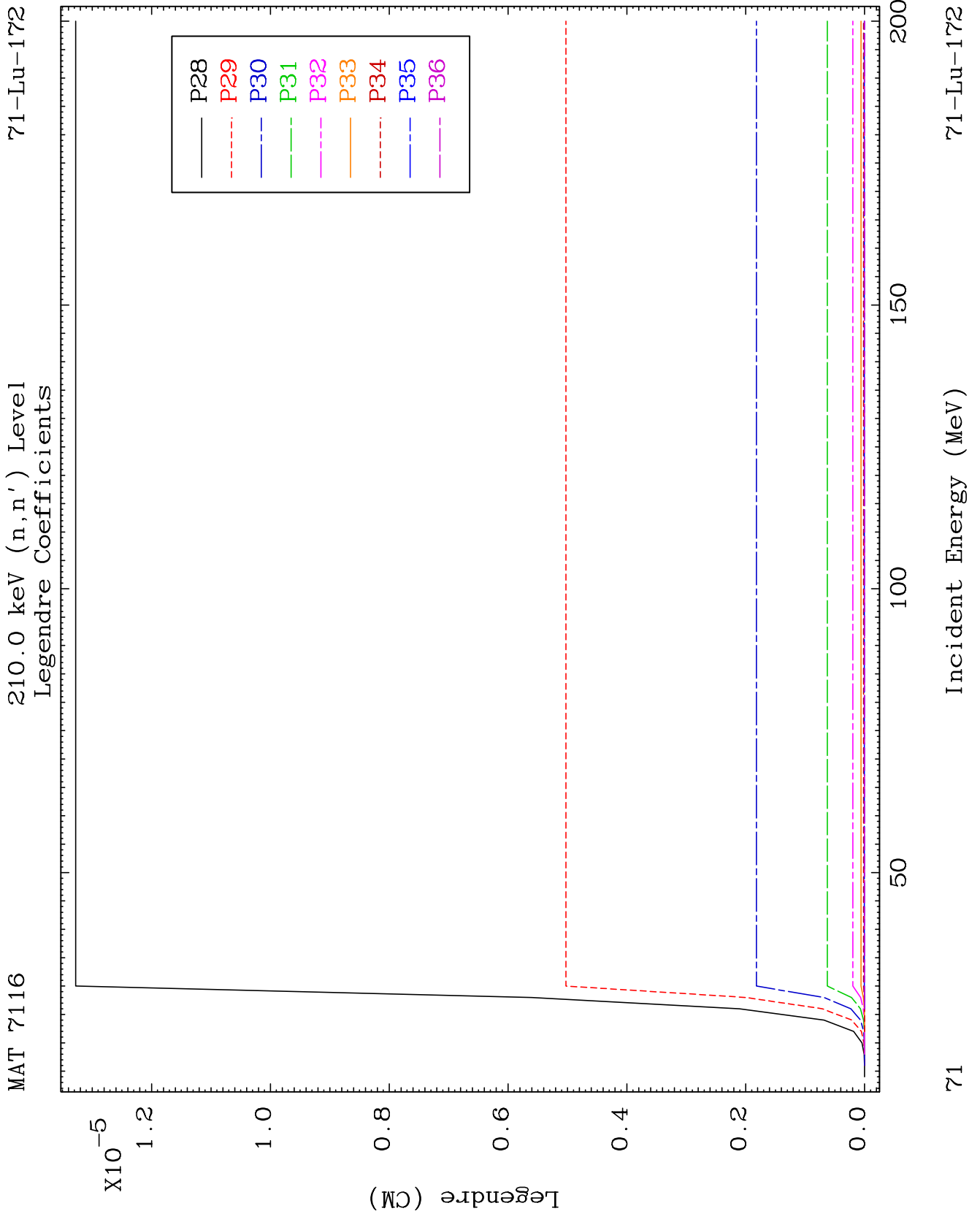




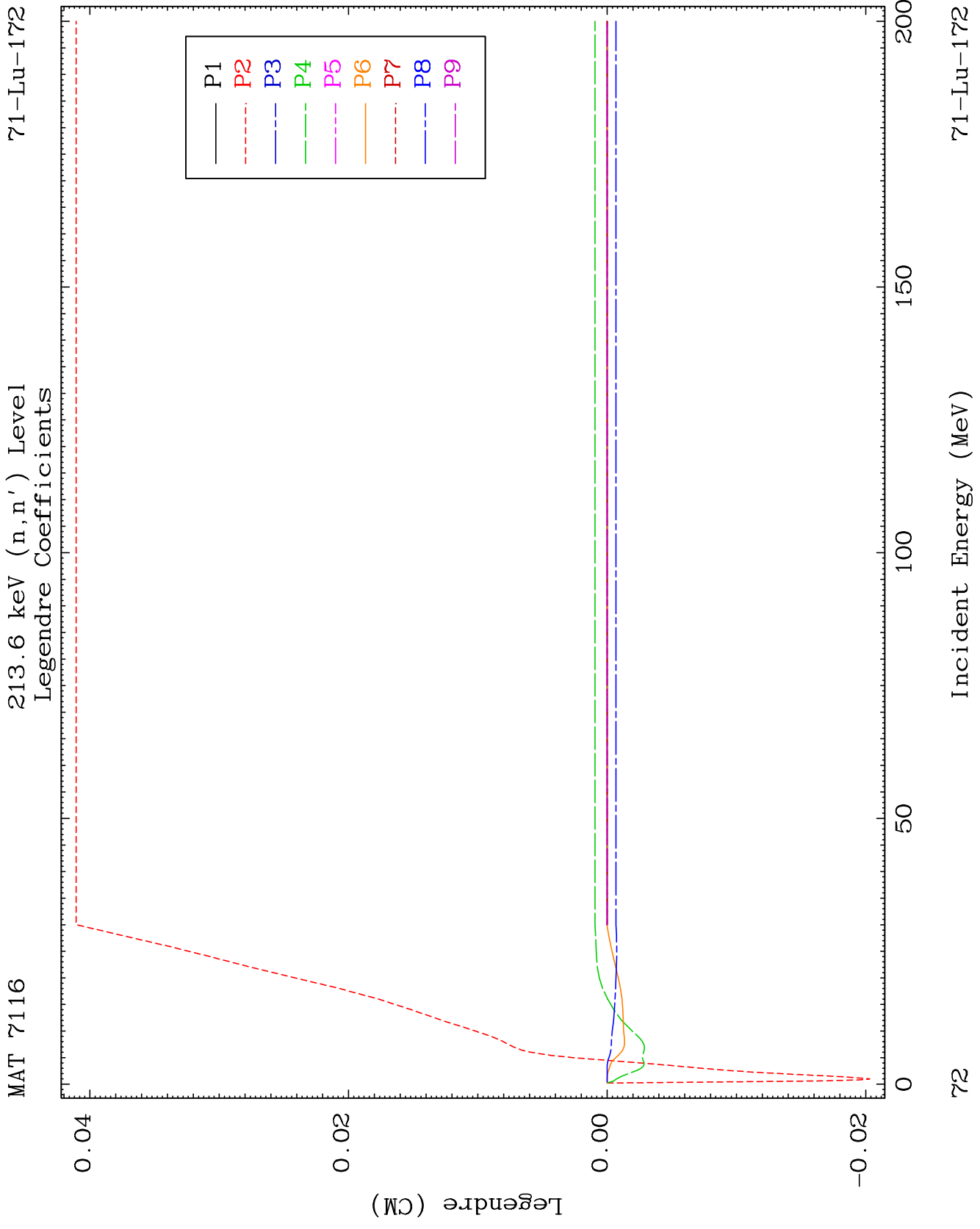


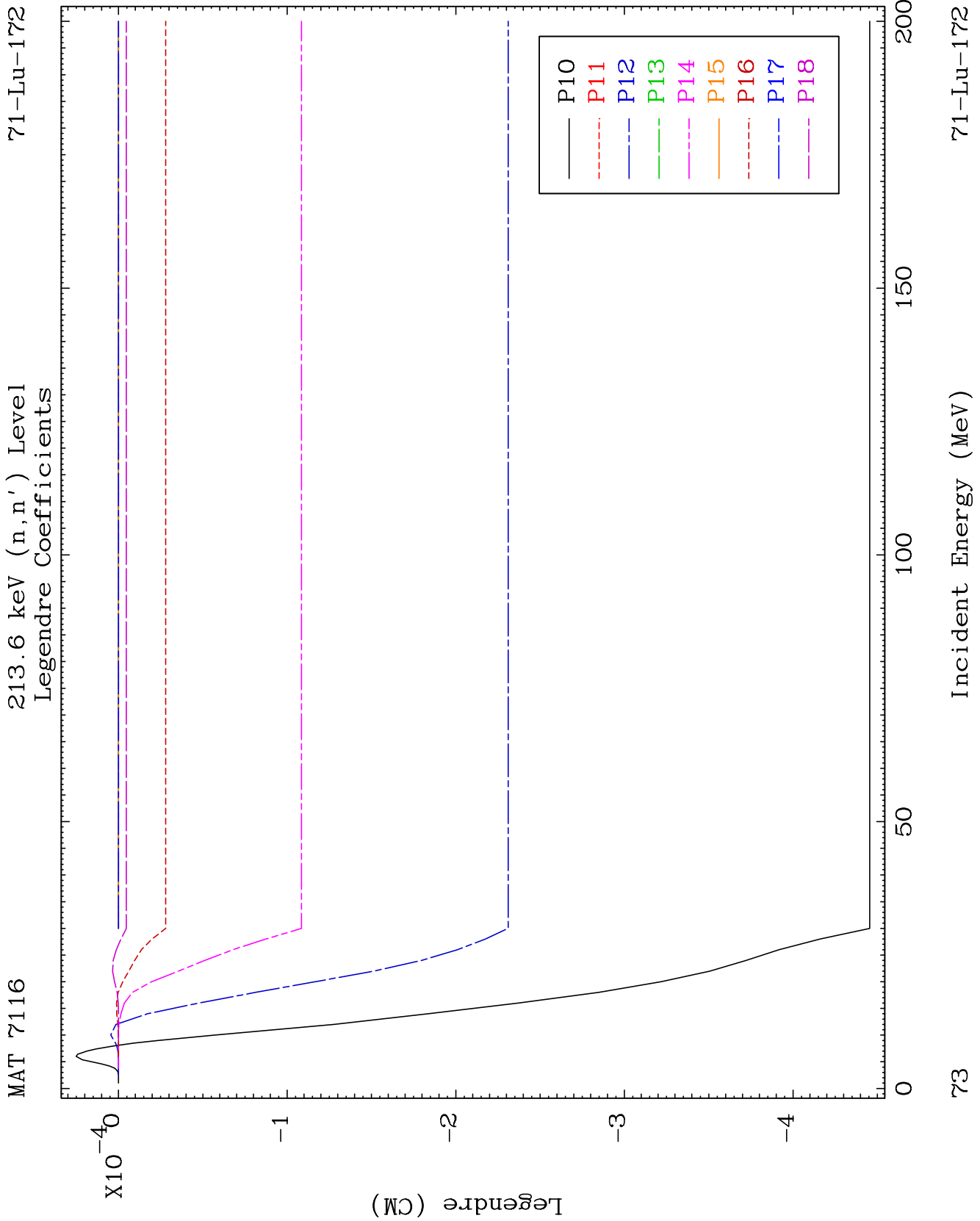












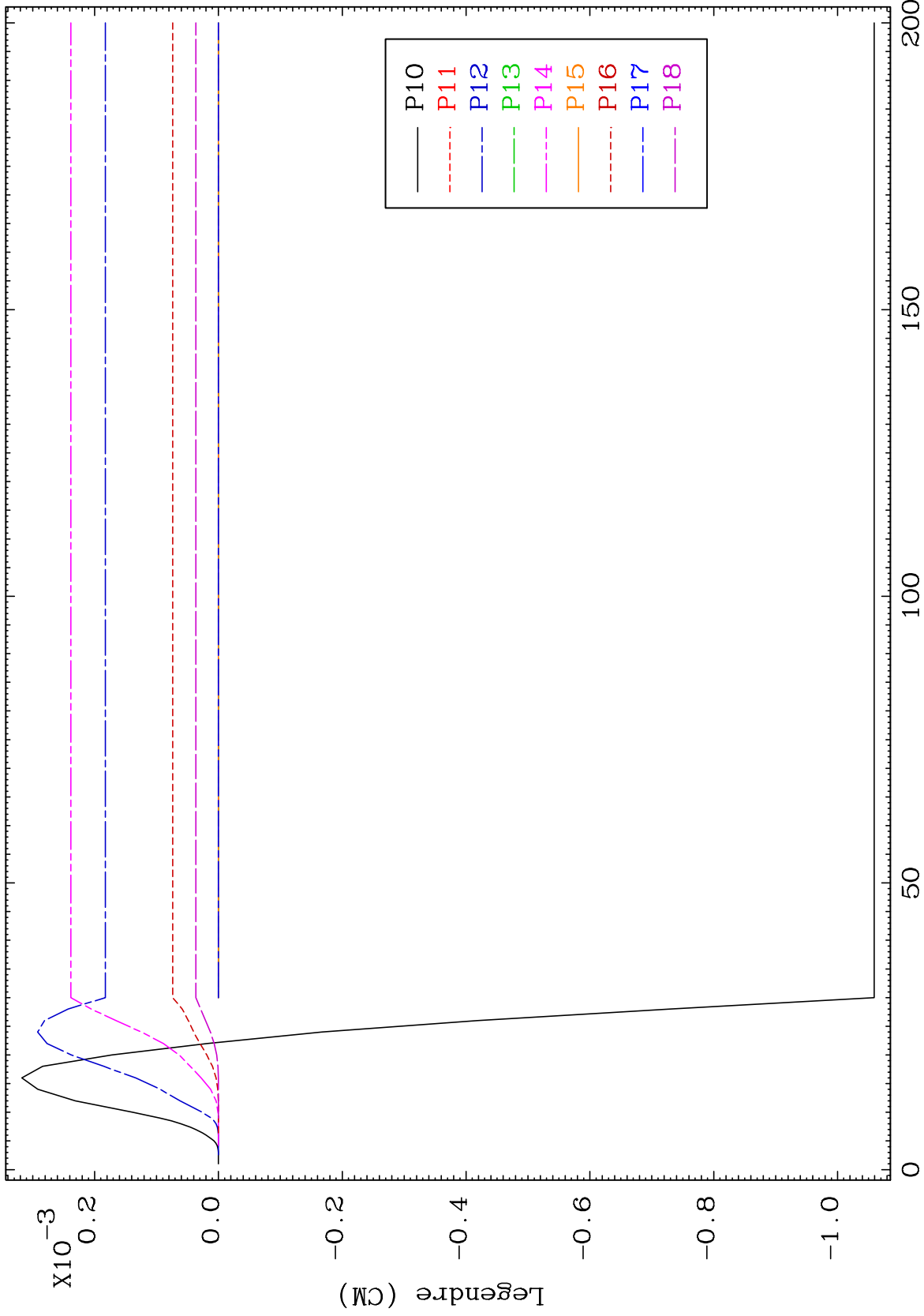




MAT 7116

232.3 keV (n,n') Level  
Legendre Coefficients

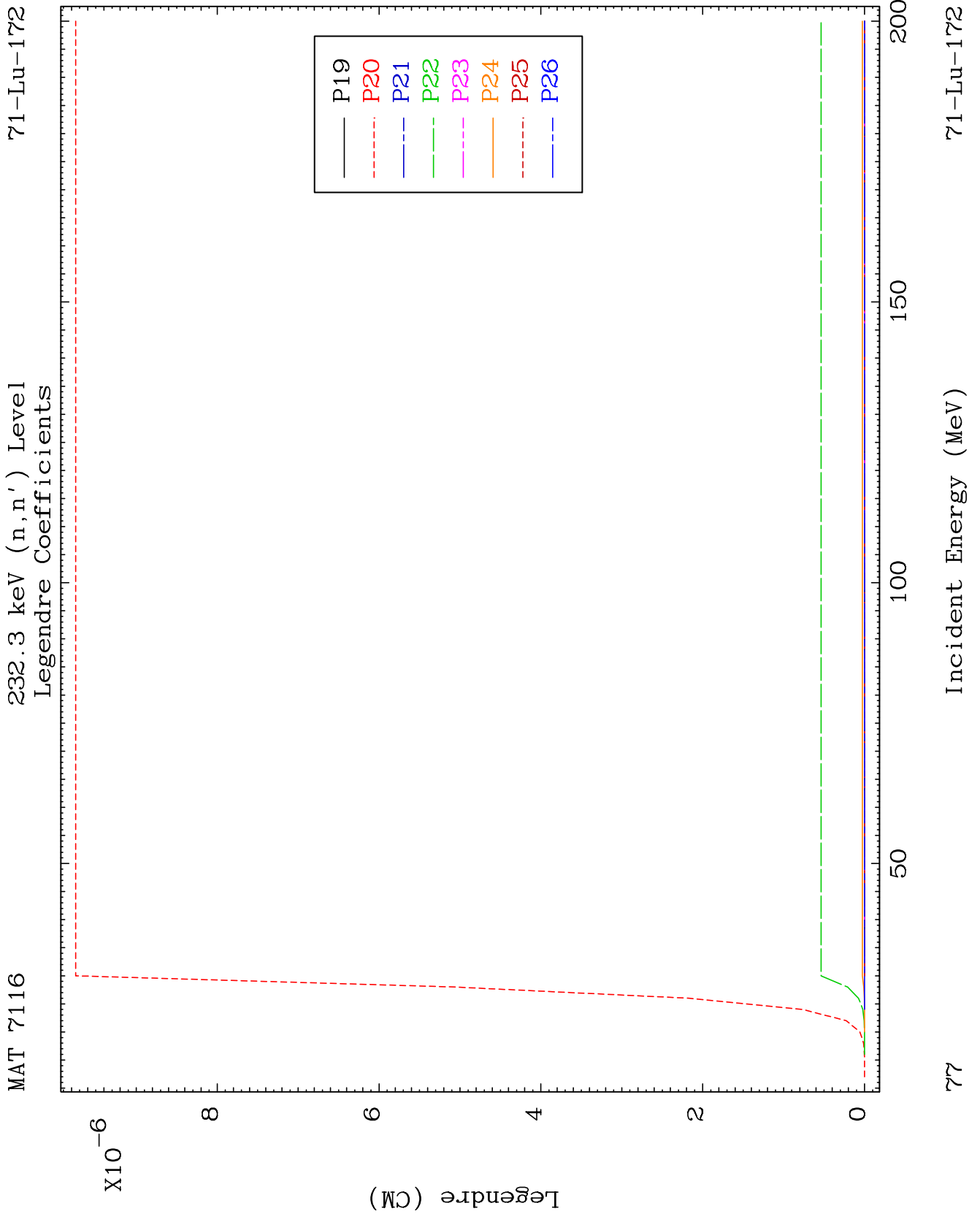
71-Lu-172



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Incident Energy (MeV)

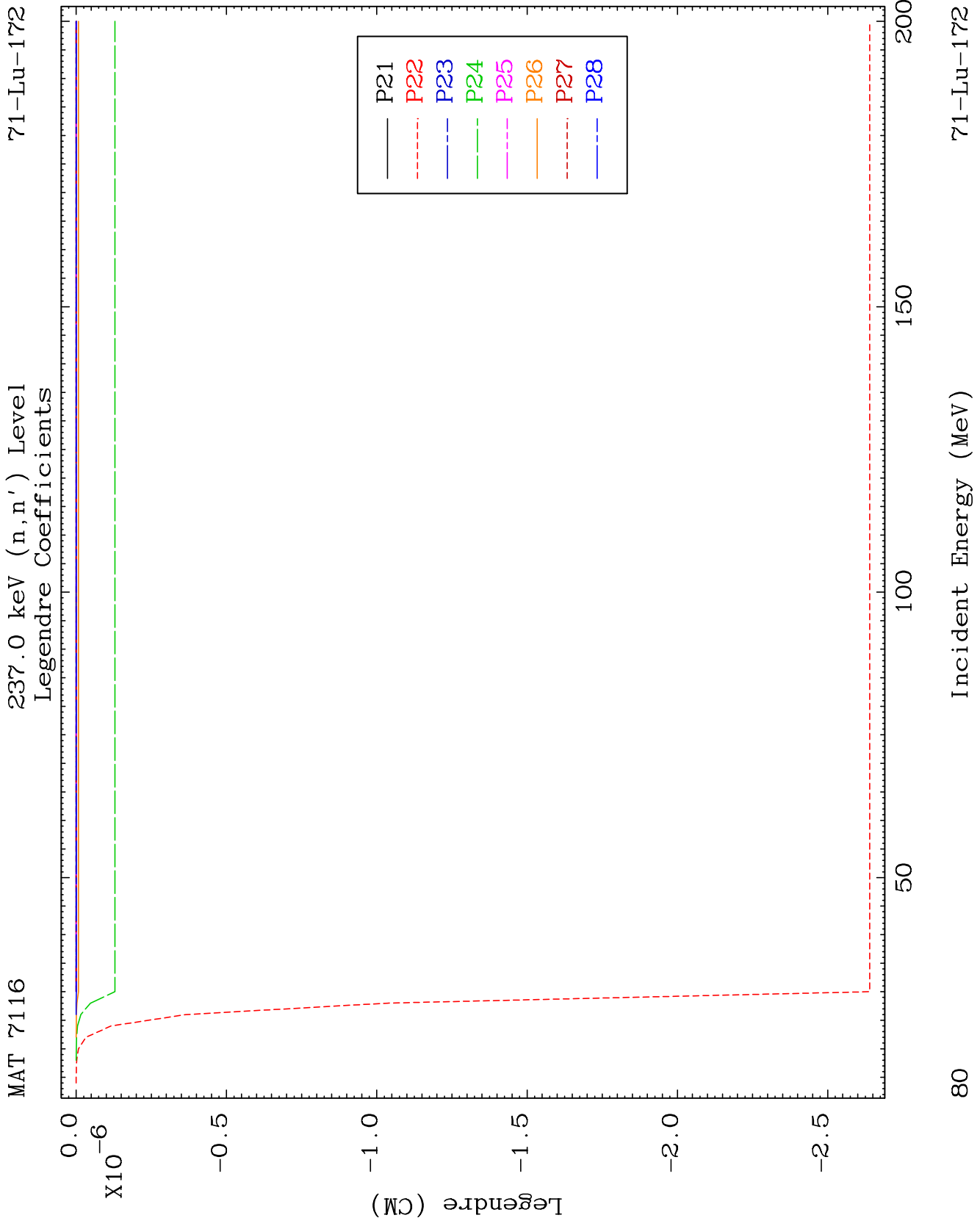
71-Lu-172

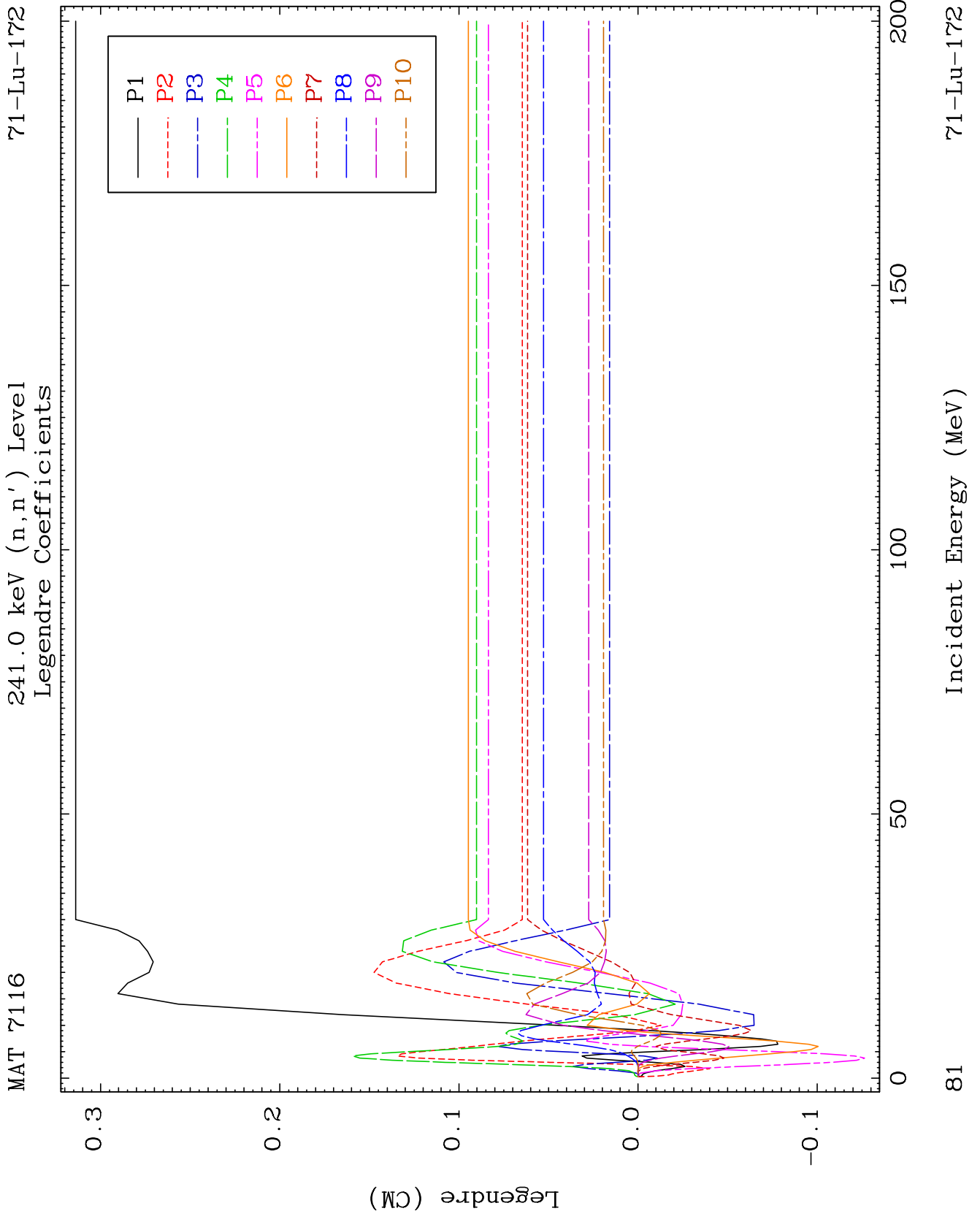




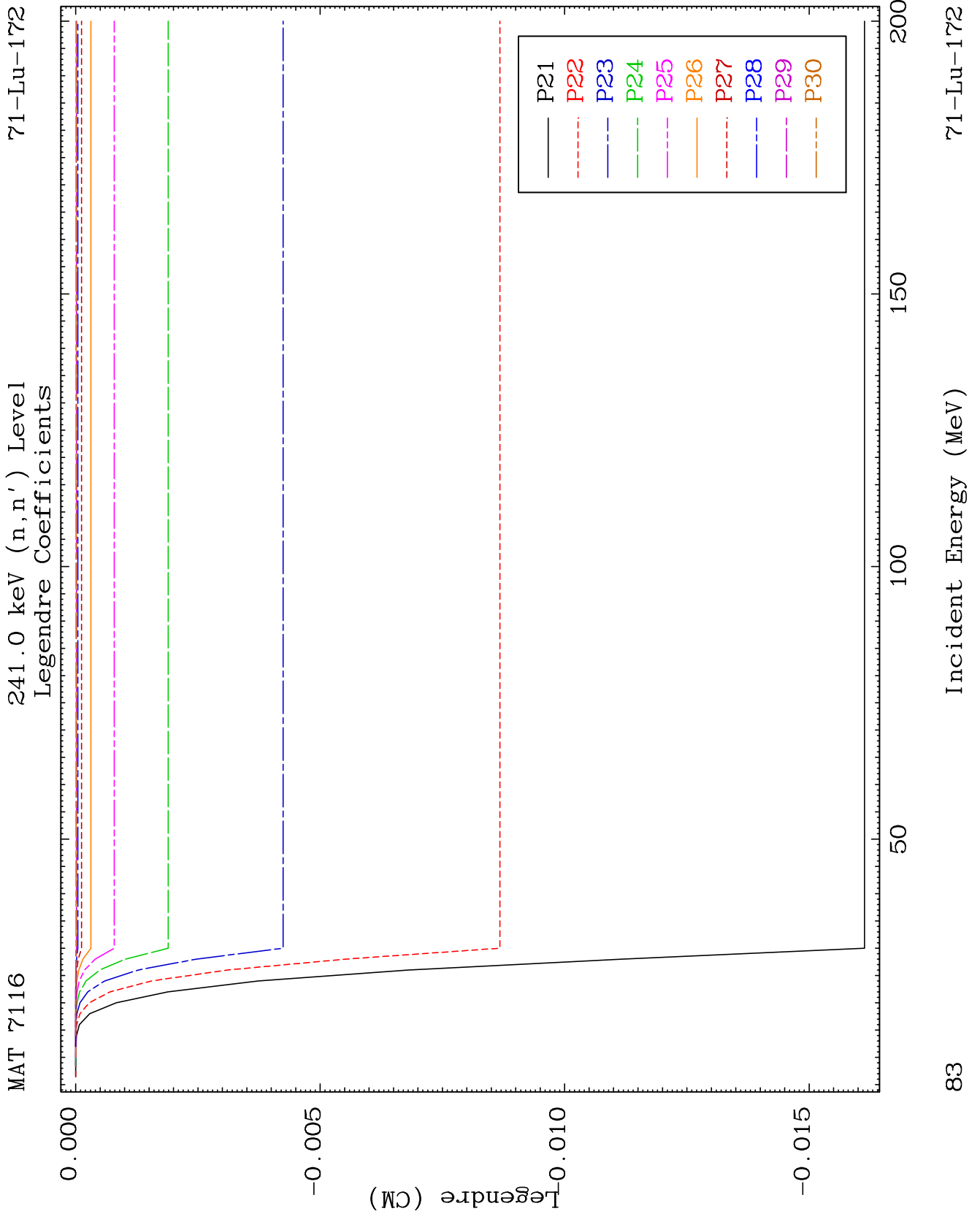












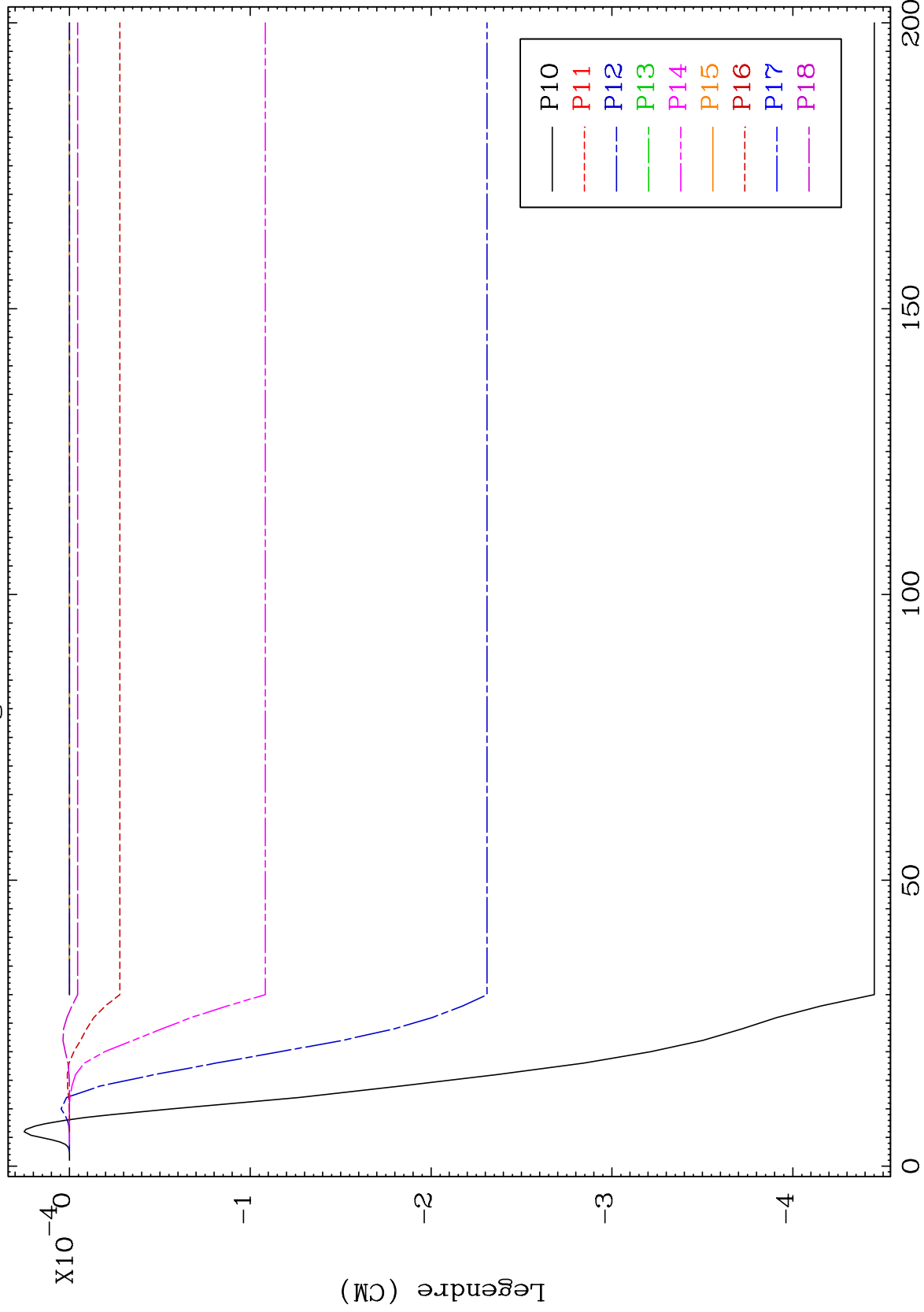




MAT 7116

244.7 keV (n,n') Level  
Legendre Coefficients

71-Lu-172



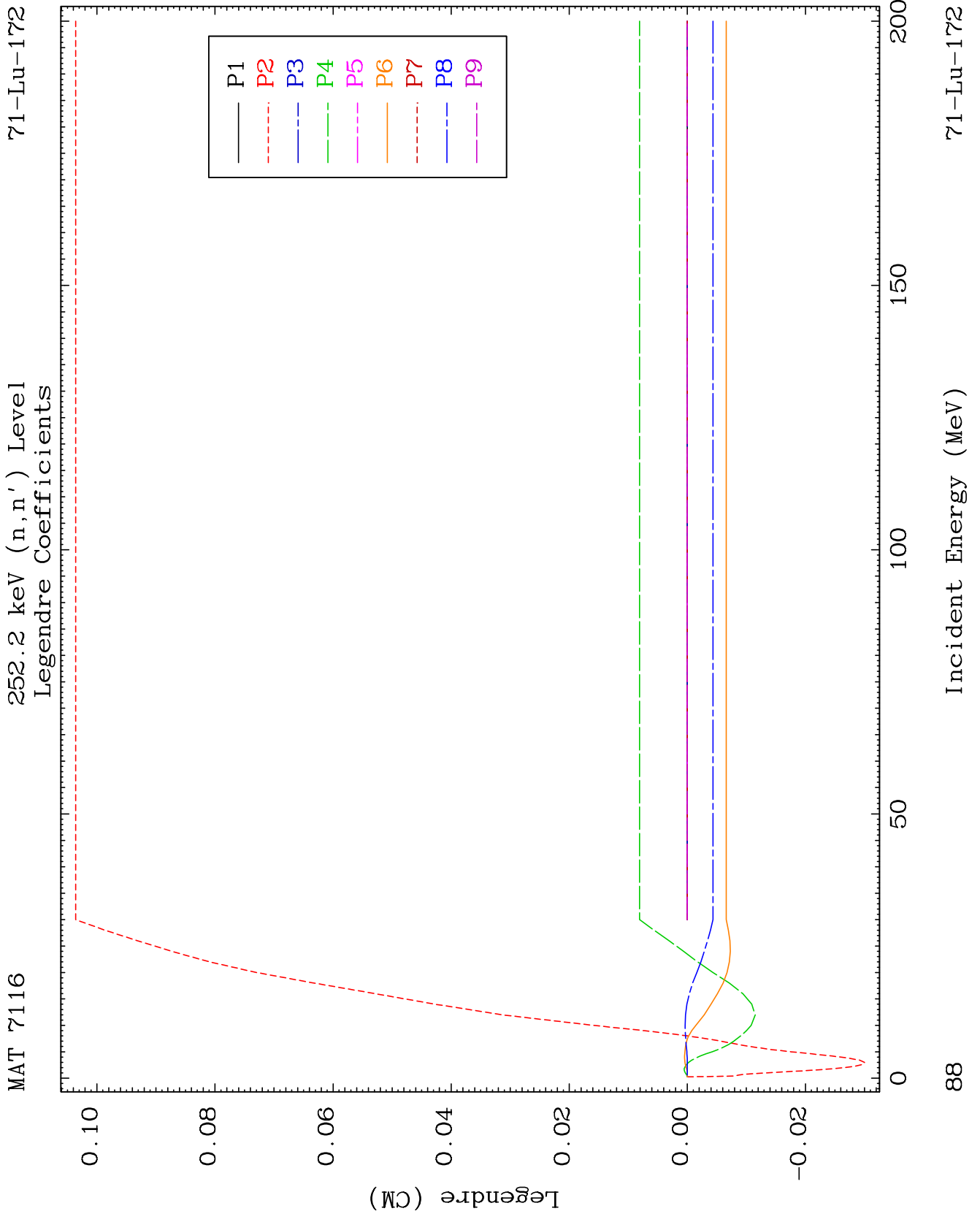
86

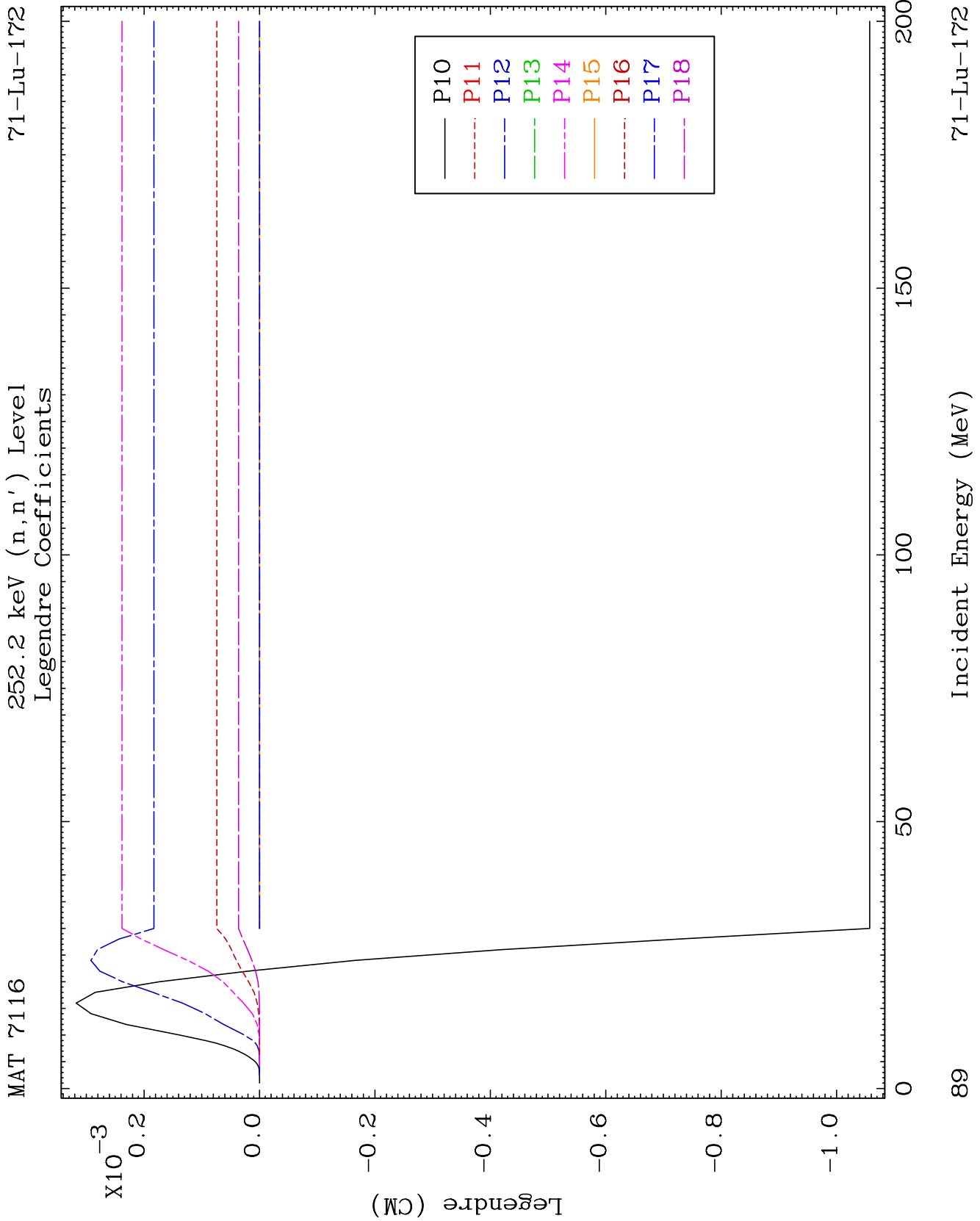
Incident Energy (MeV)

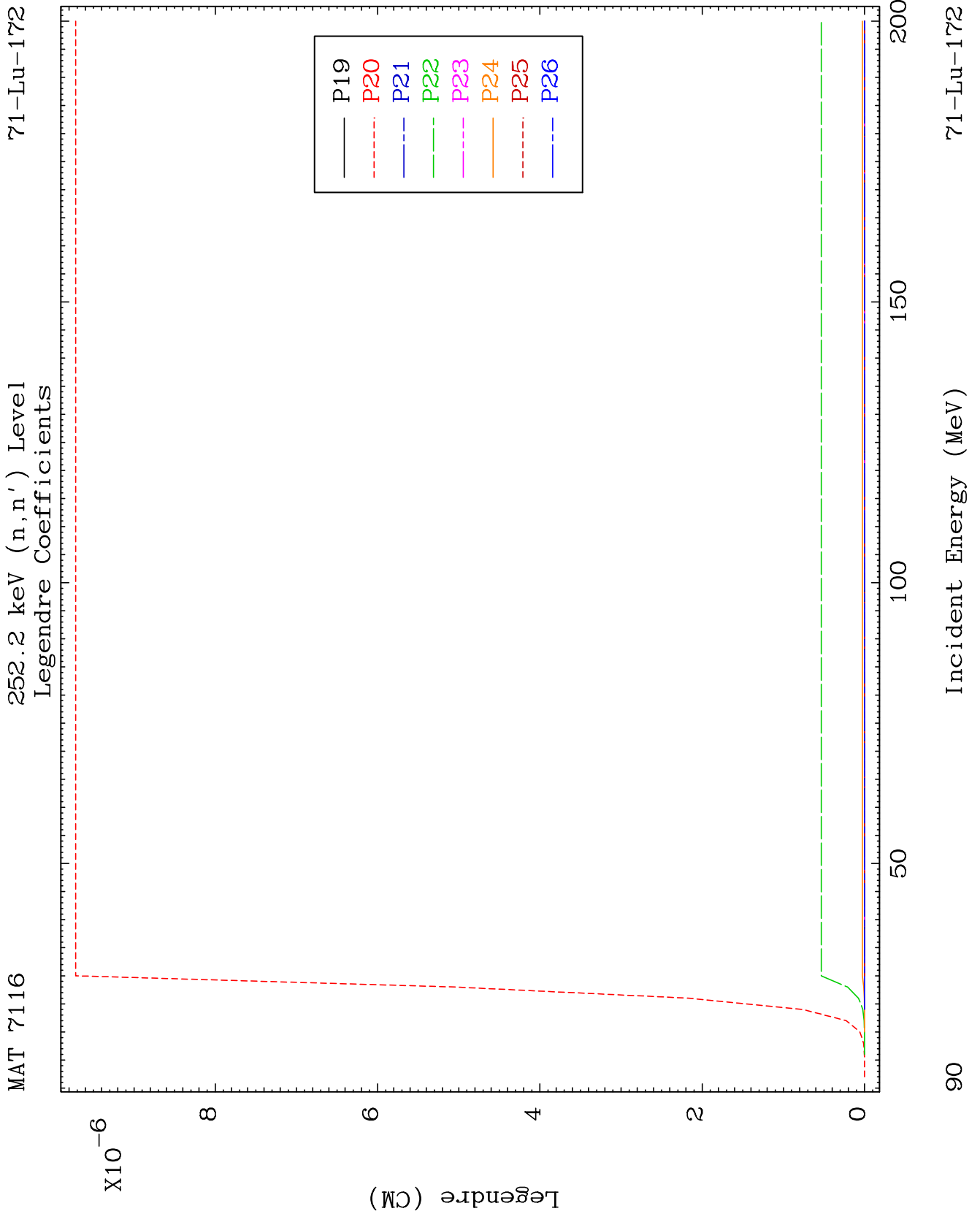
71-Lu-172

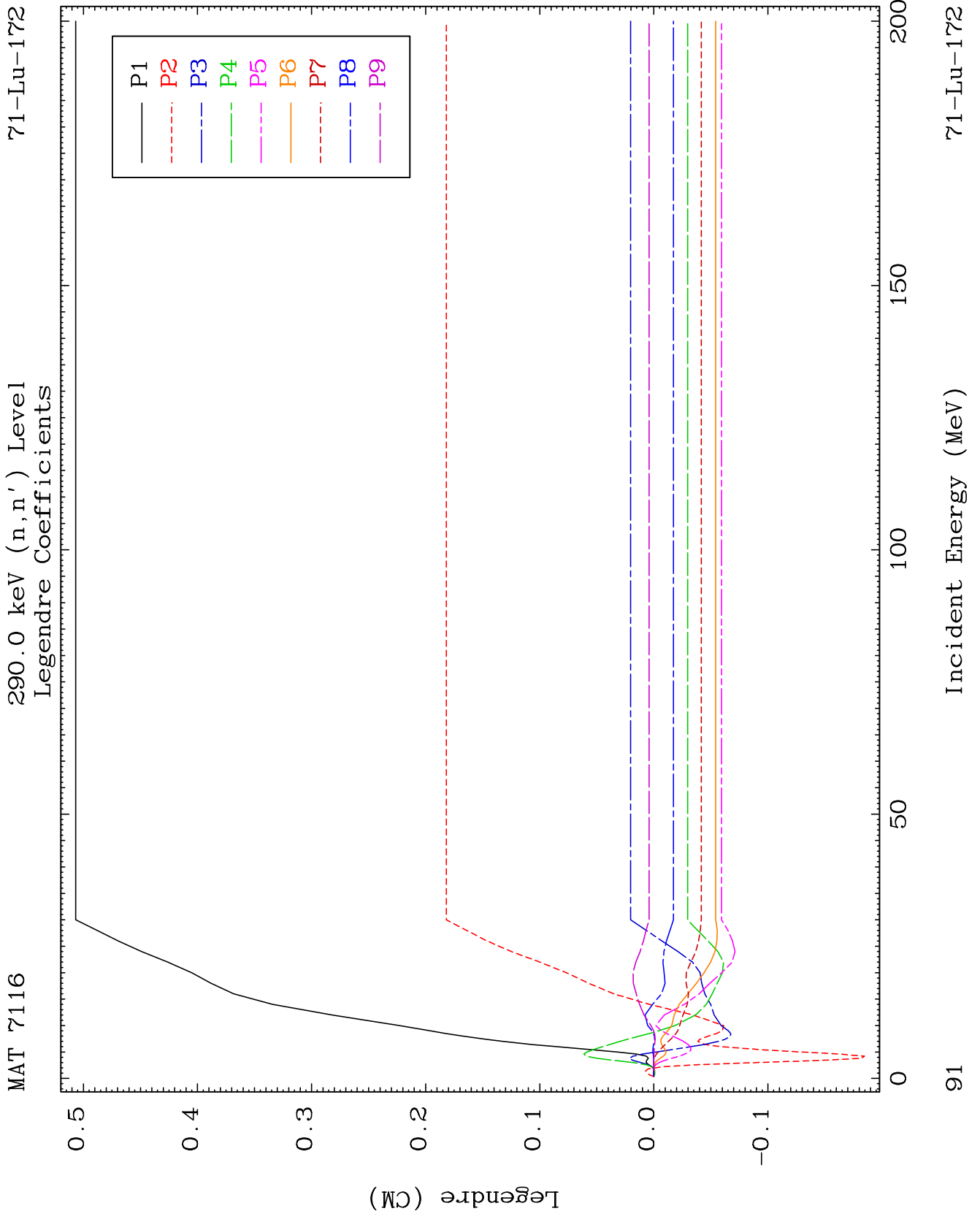


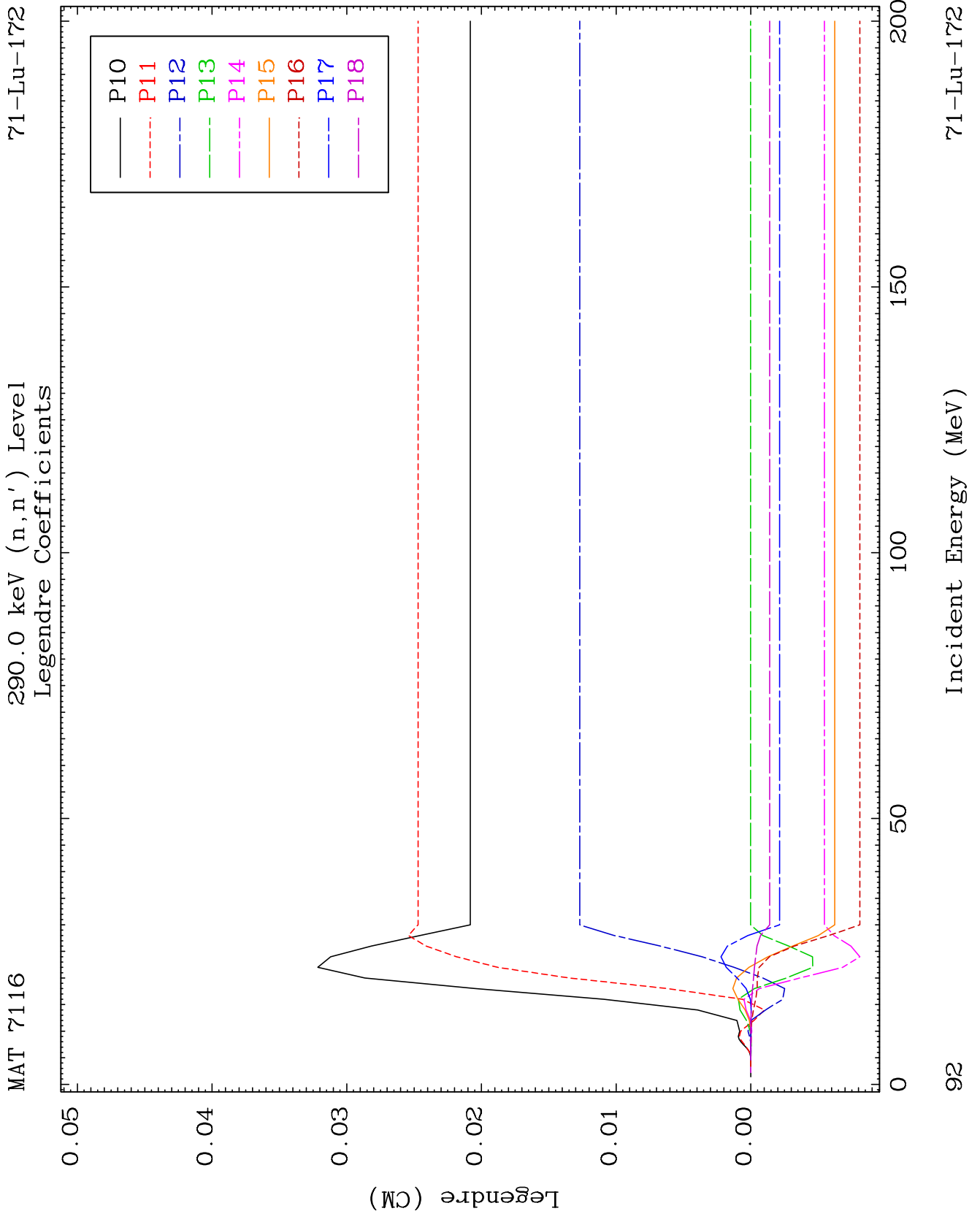


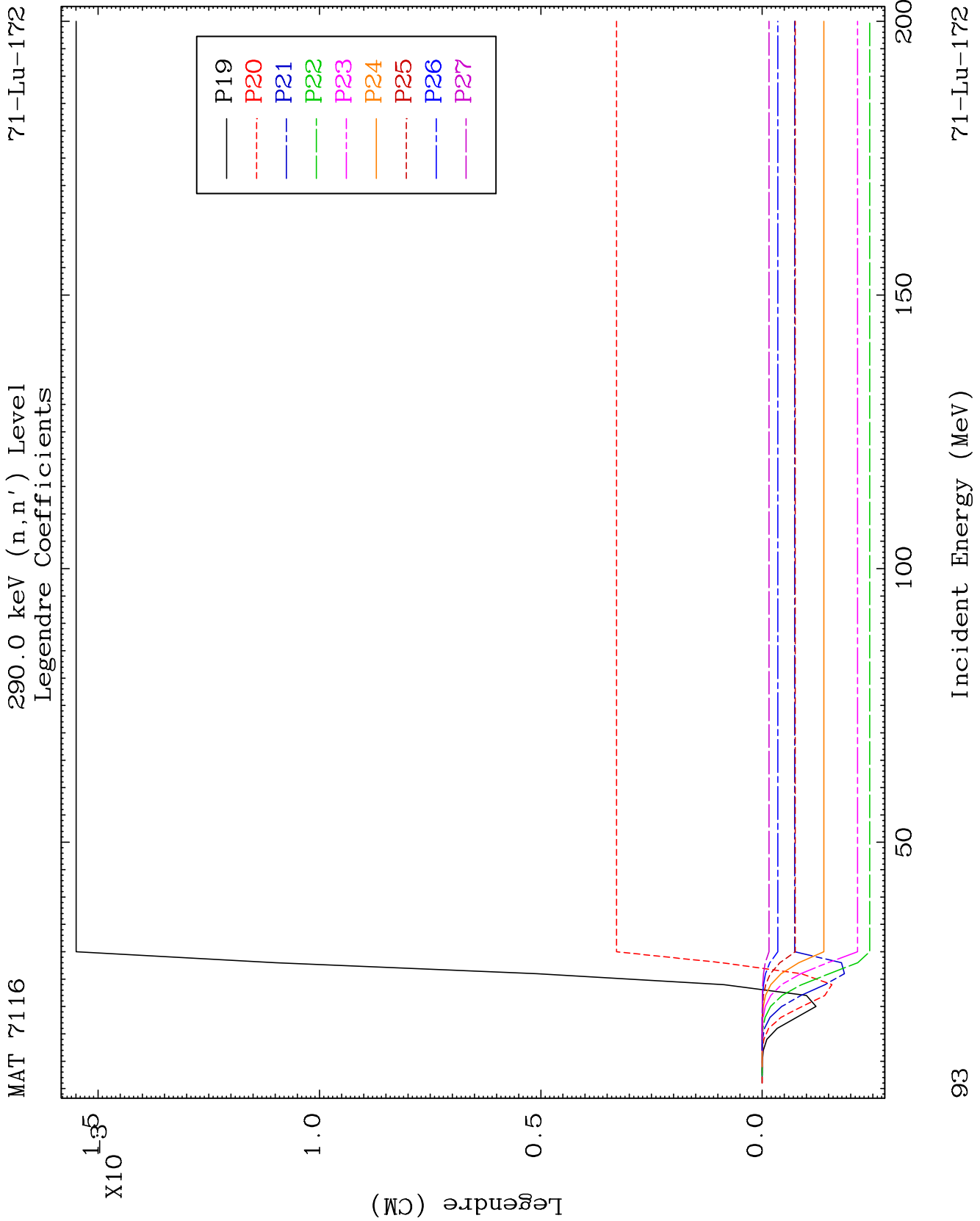








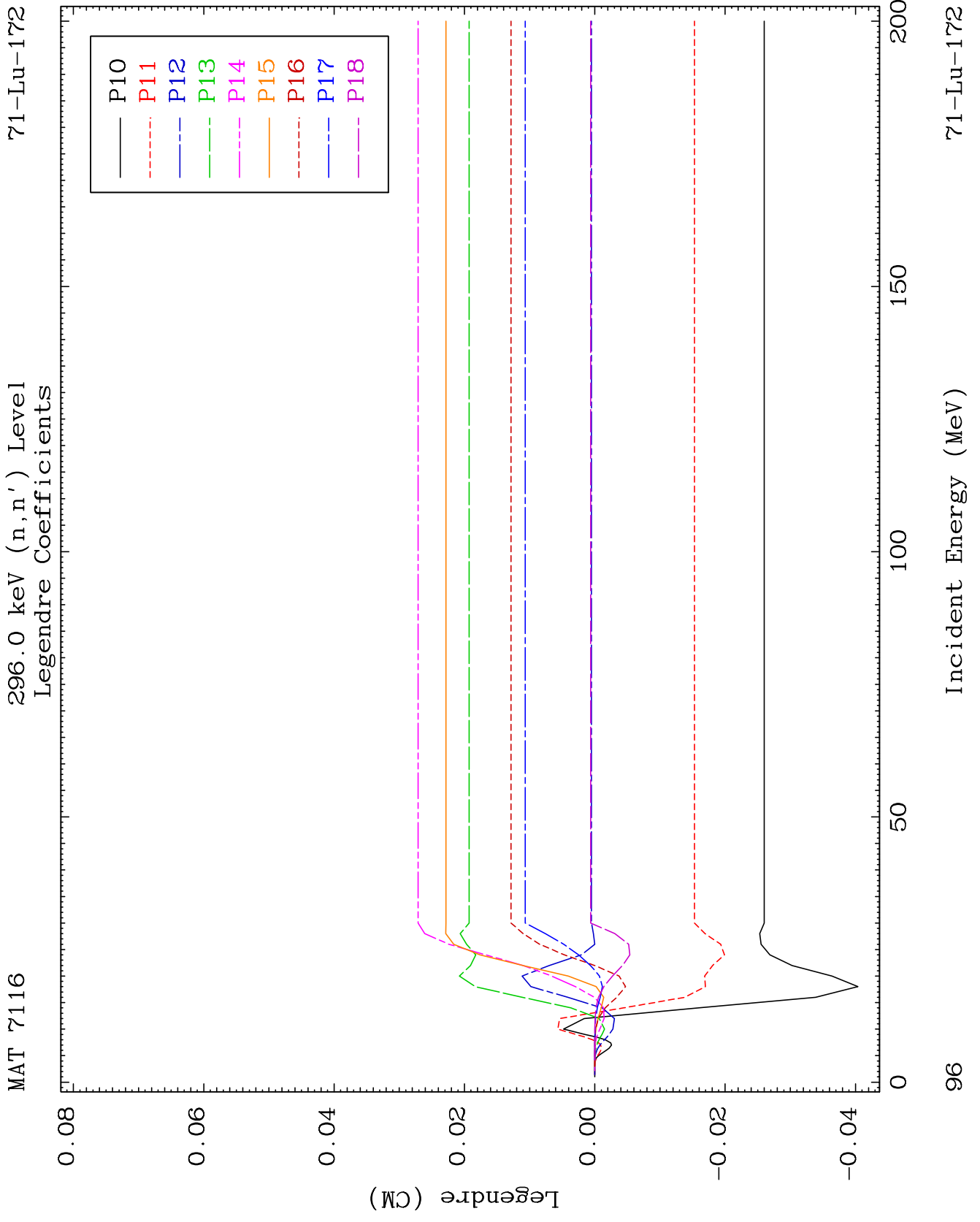








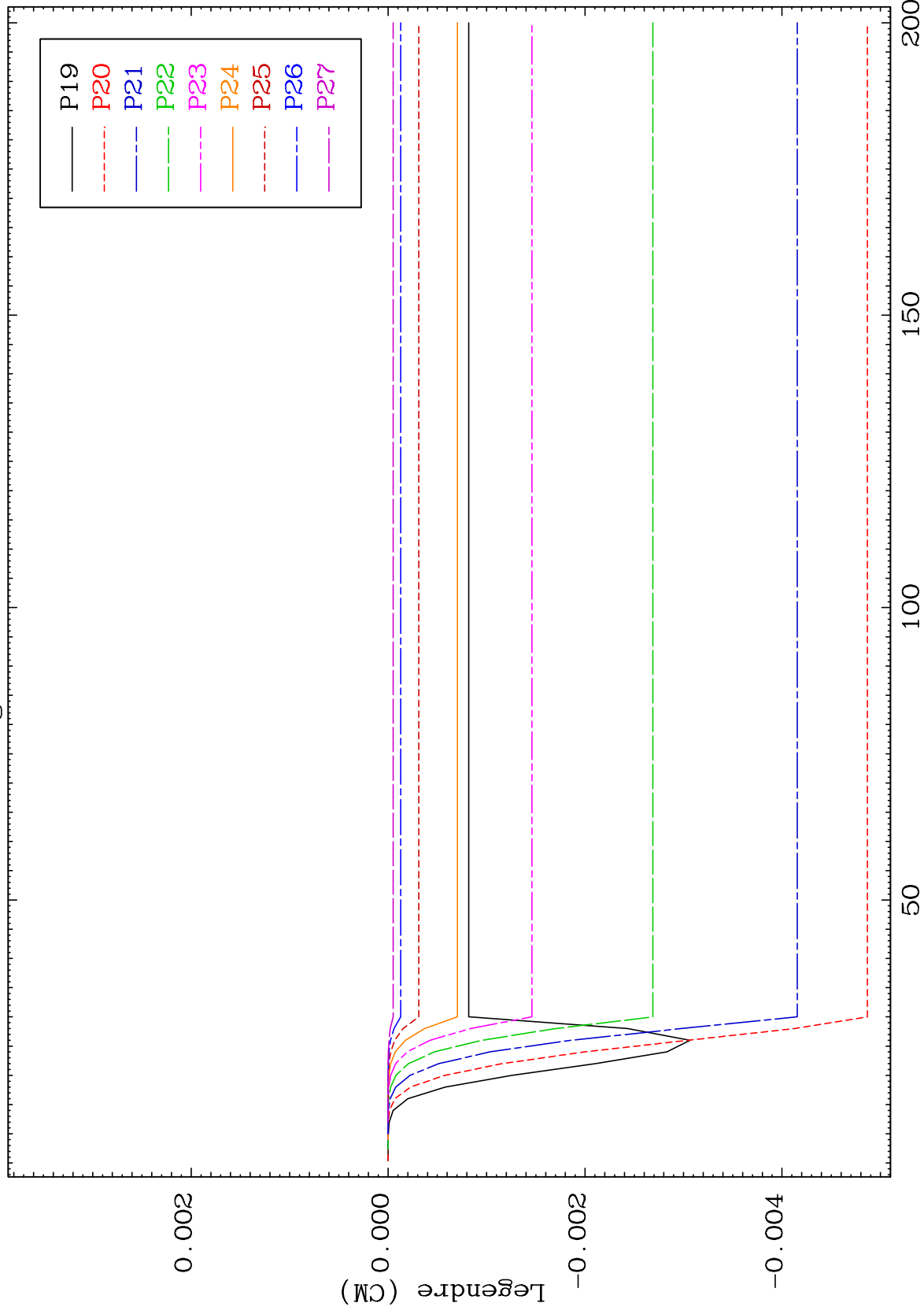




MAT 7116

296.0 keV (n,n') Level  
Legendre Coefficients

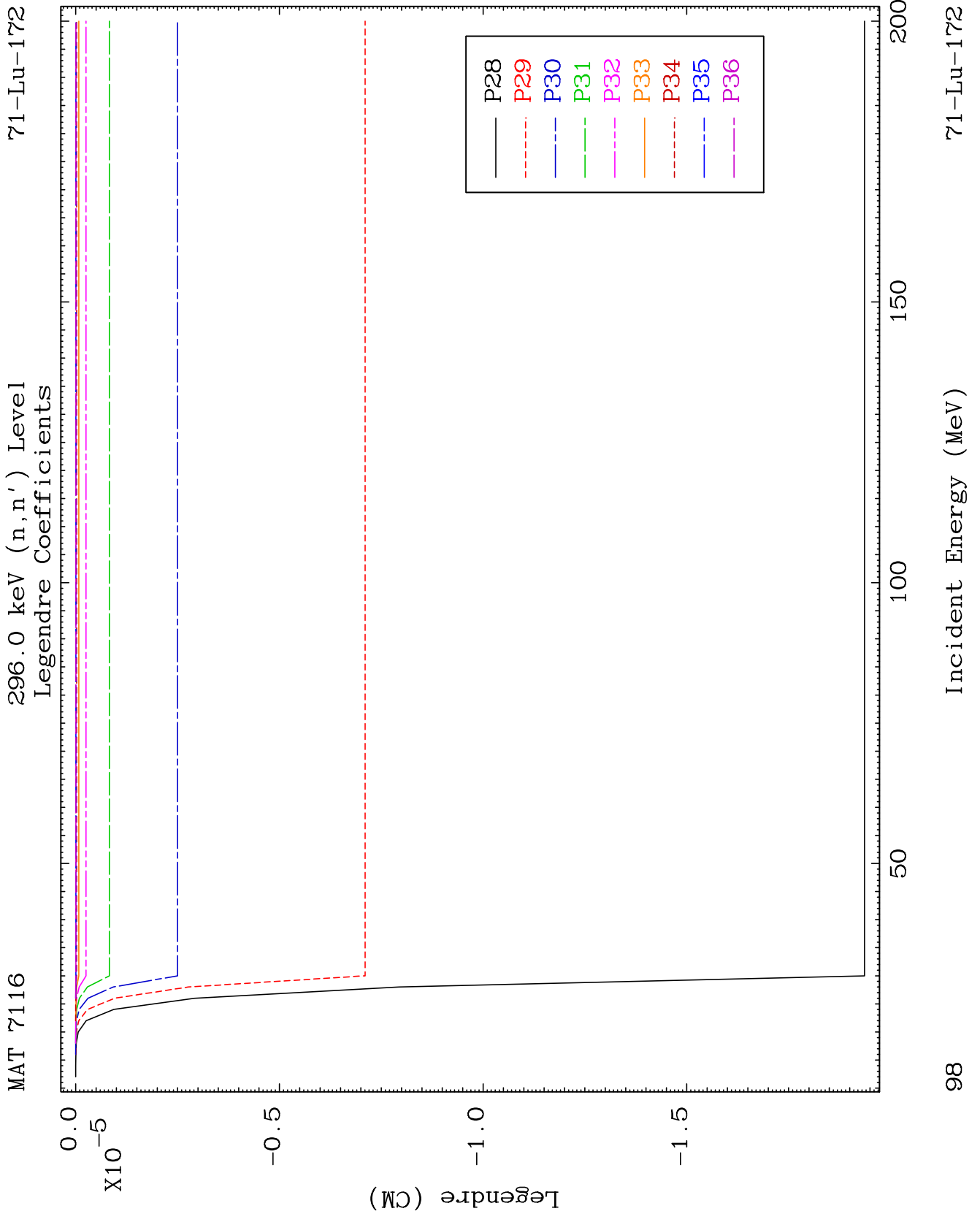
71-Lu-172



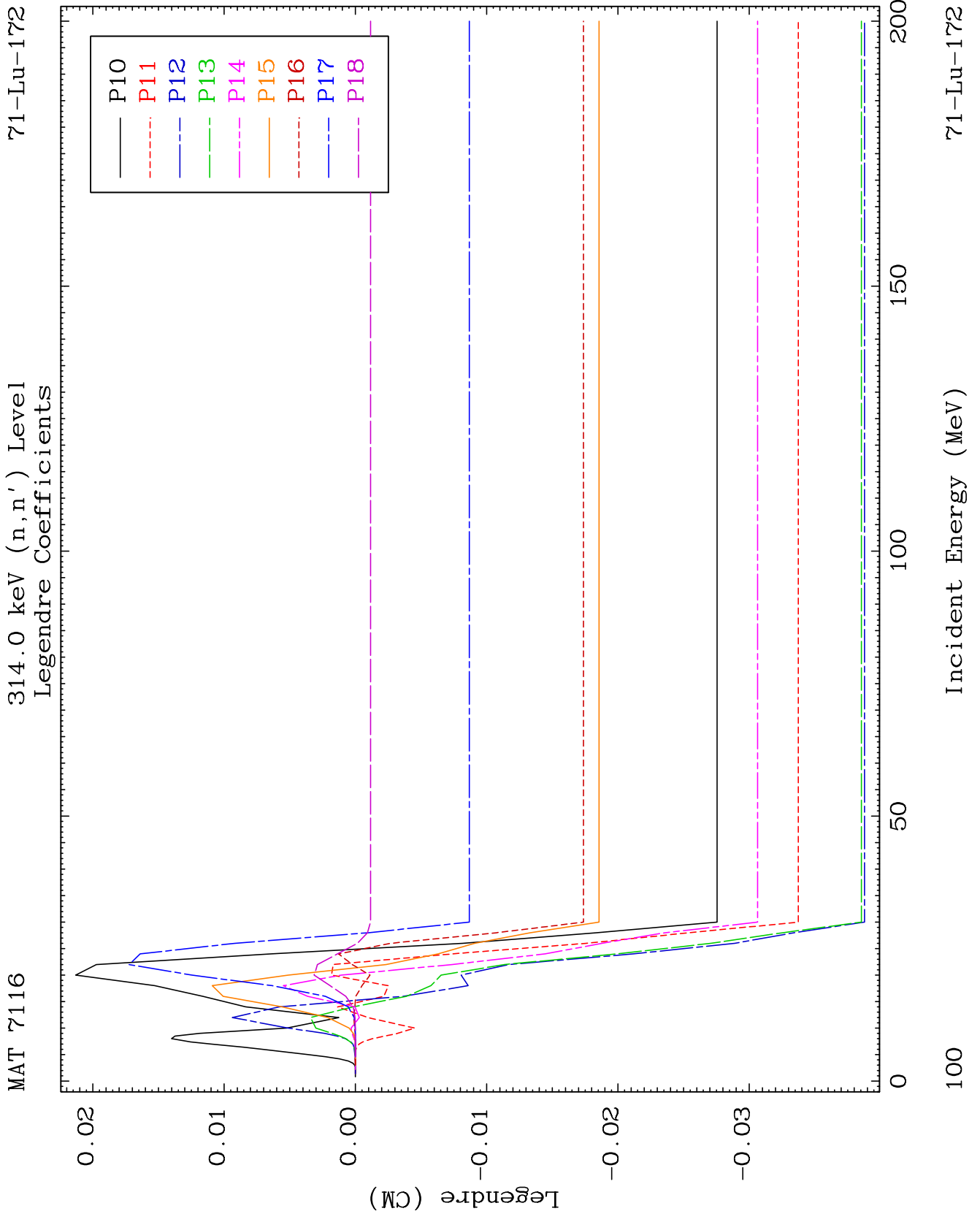
97

Incident Energy (MeV)

71-Lu-172



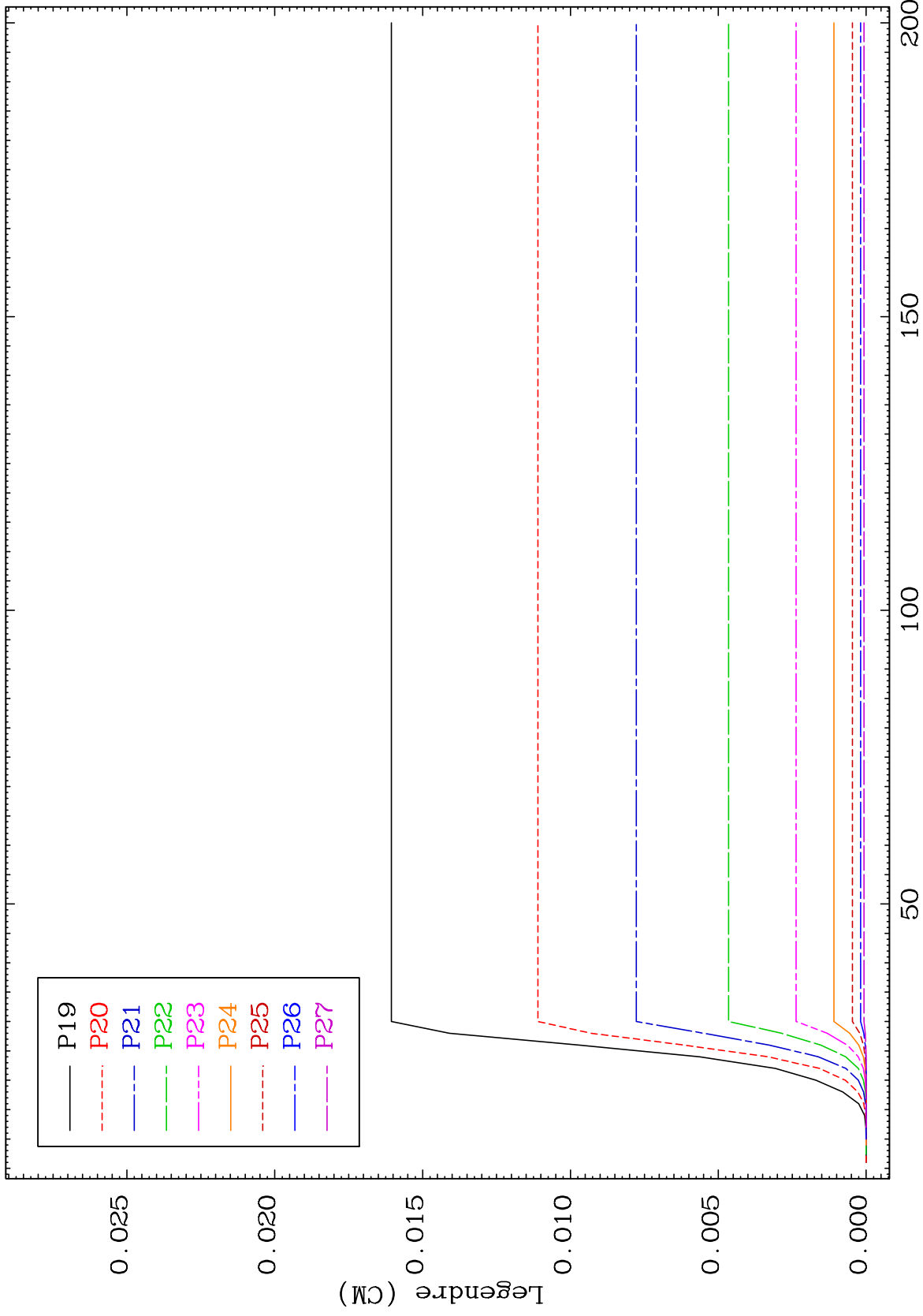




MAT 7116

314.0 keV (n,n') Level  
Legendre Coefficients

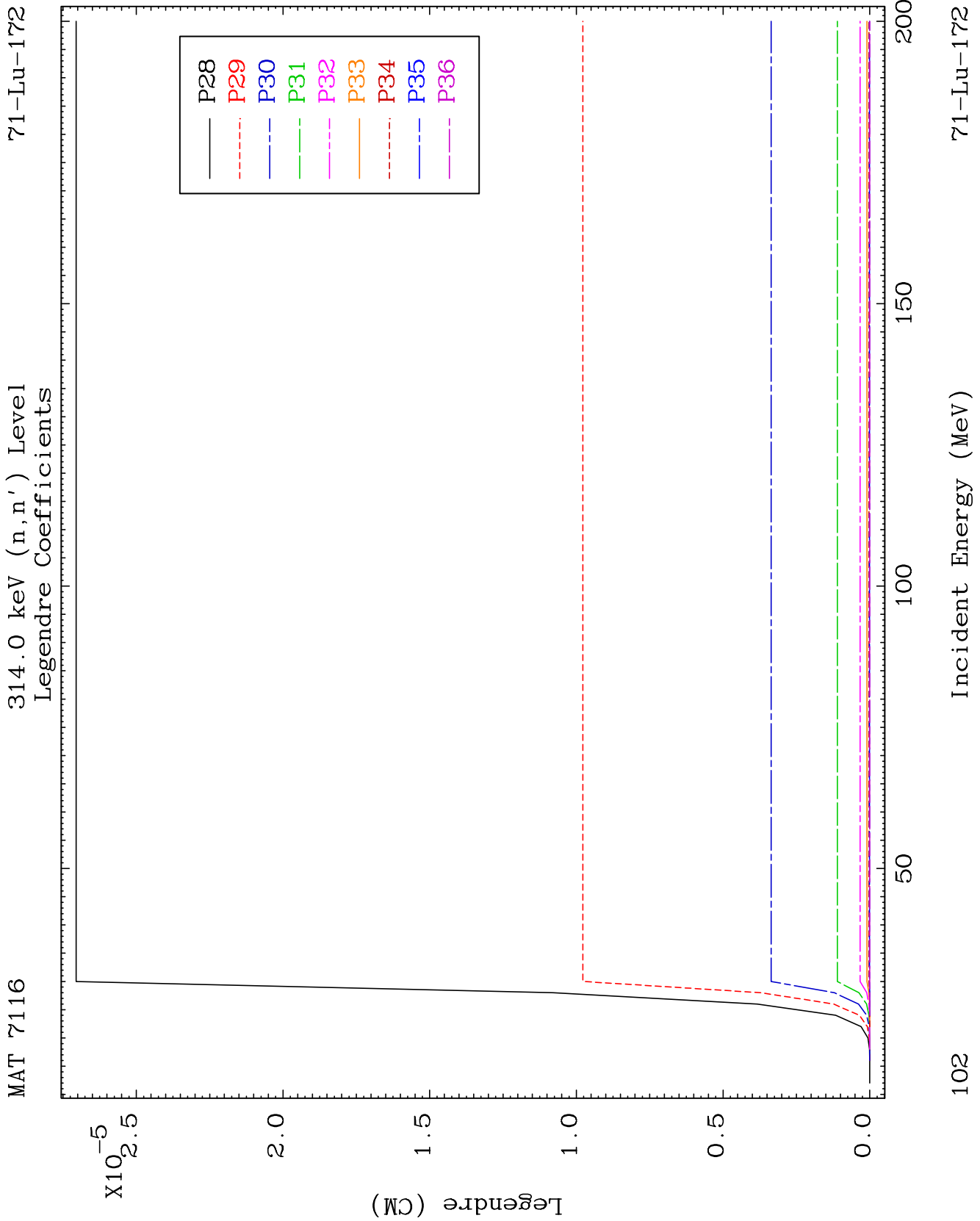
71-Lu-172



101

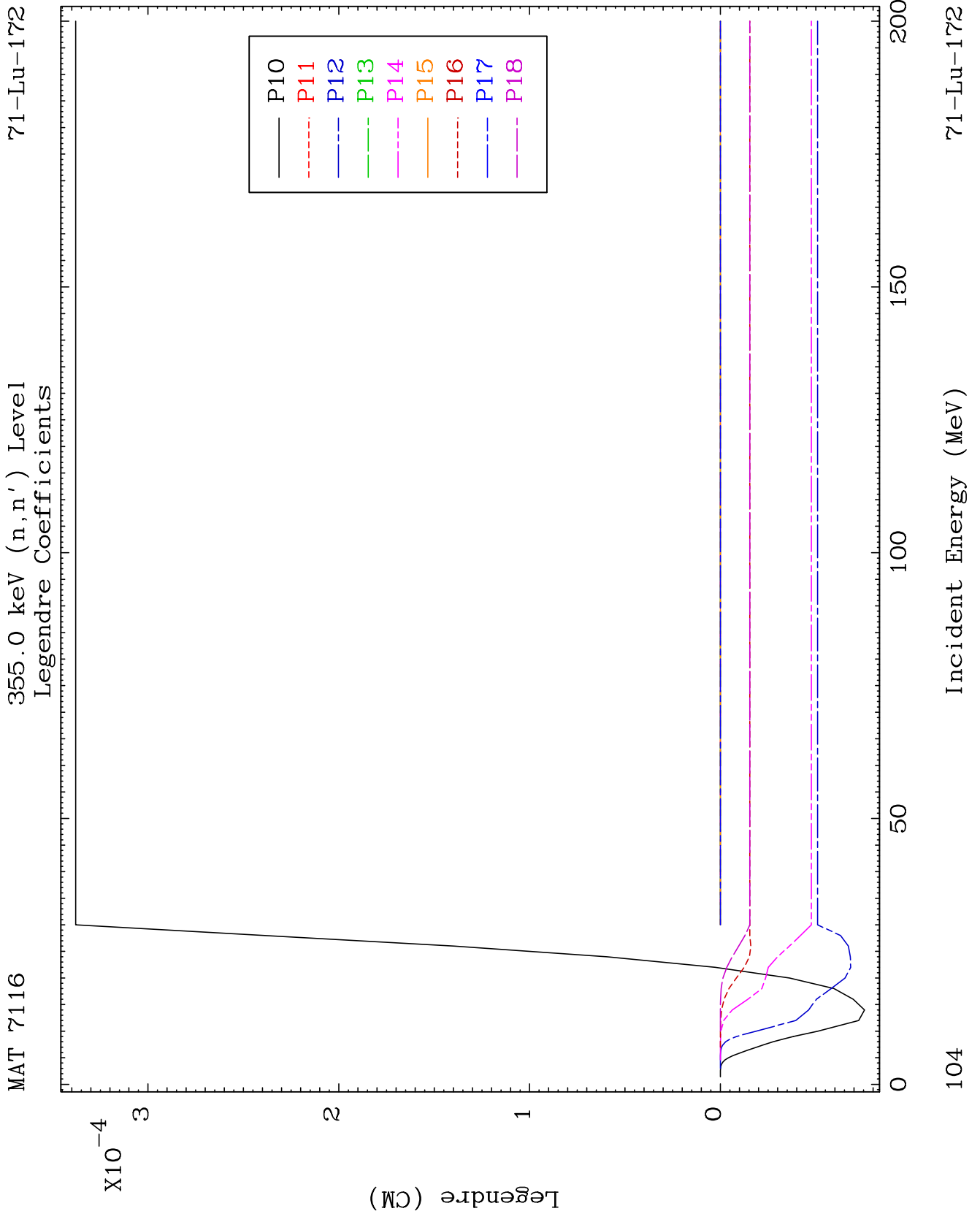
Incident Energy (MeV)

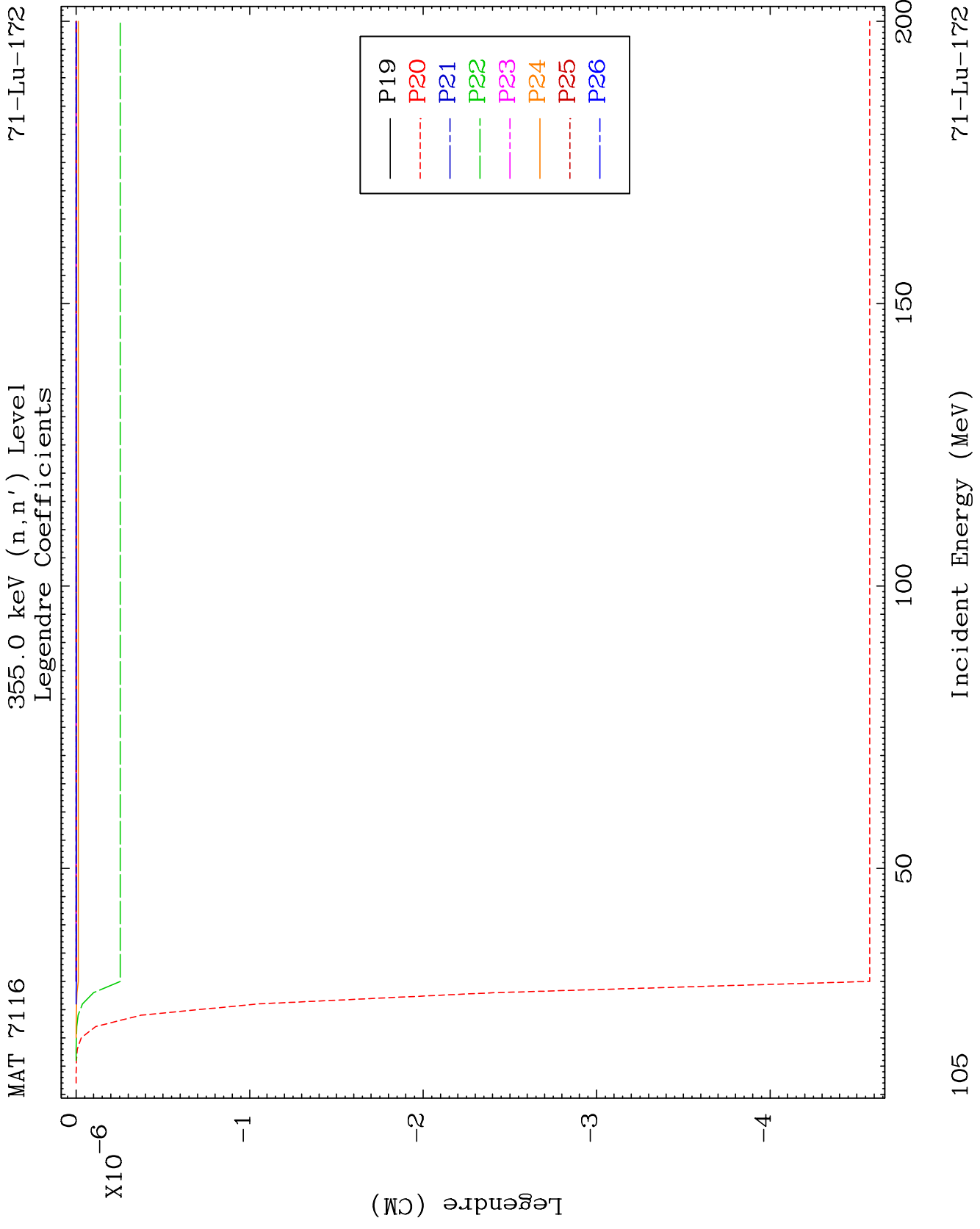
71-Lu-172

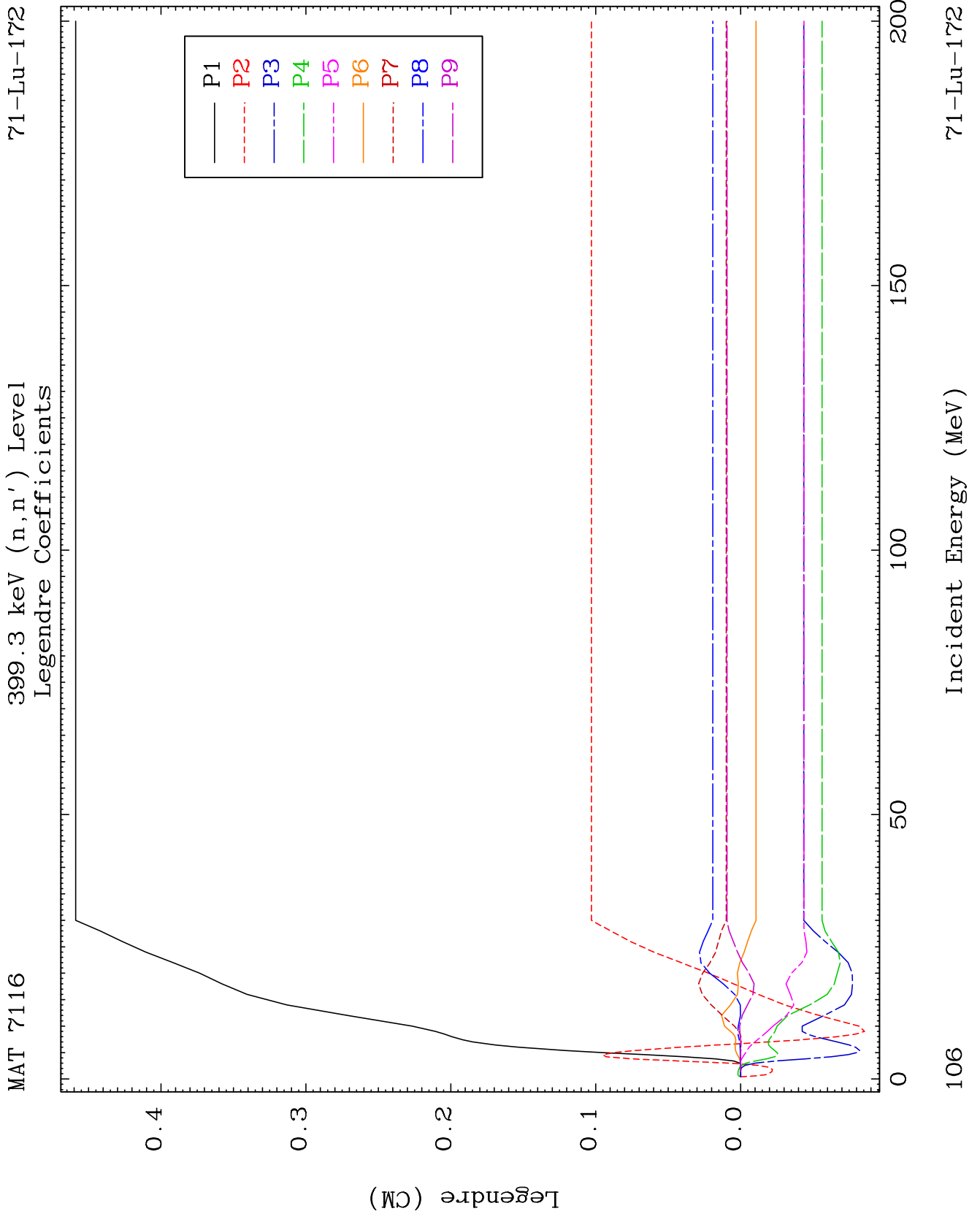








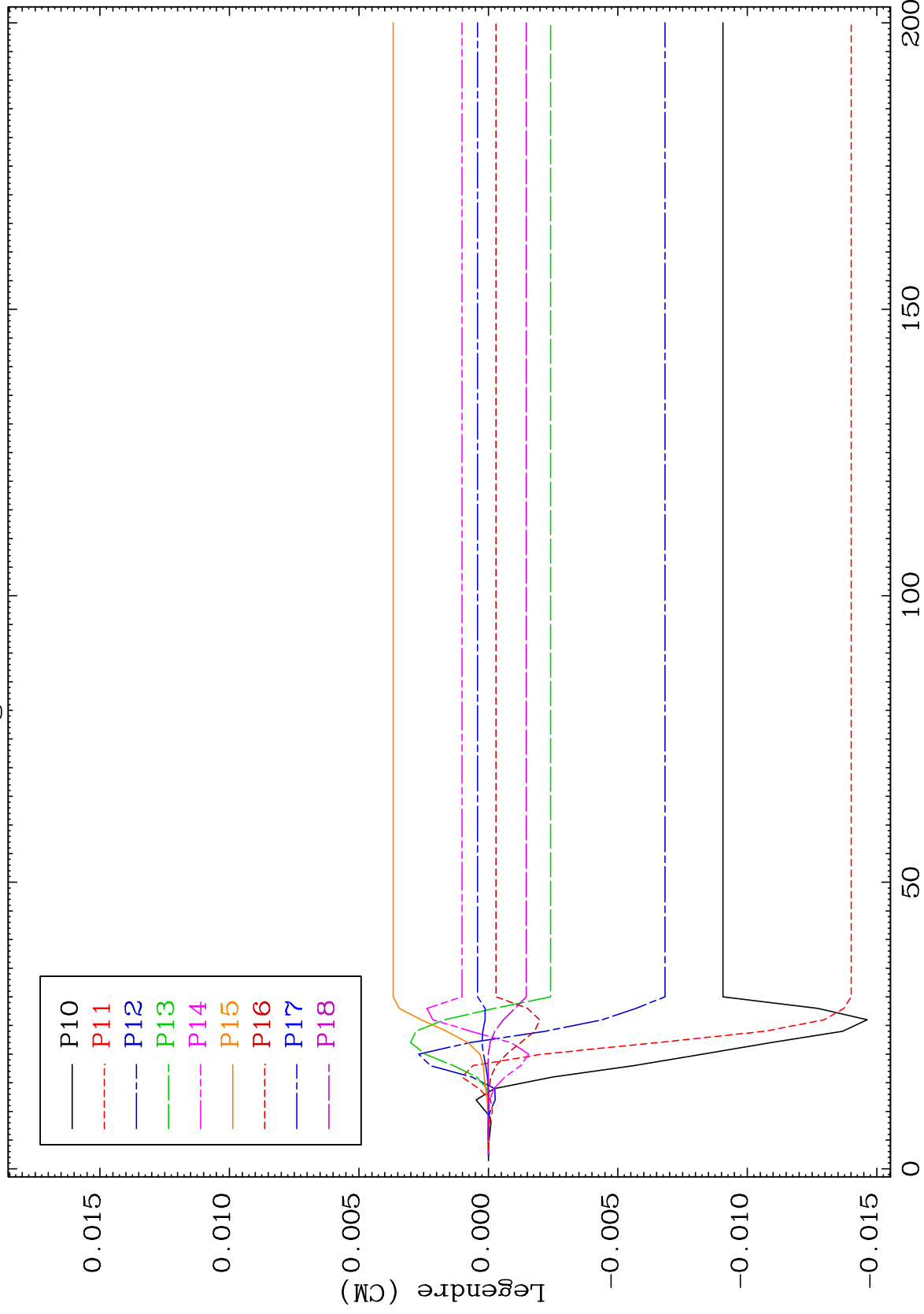




MAT 7116

399.3 keV (n,n') Level  
Legendre Coefficients

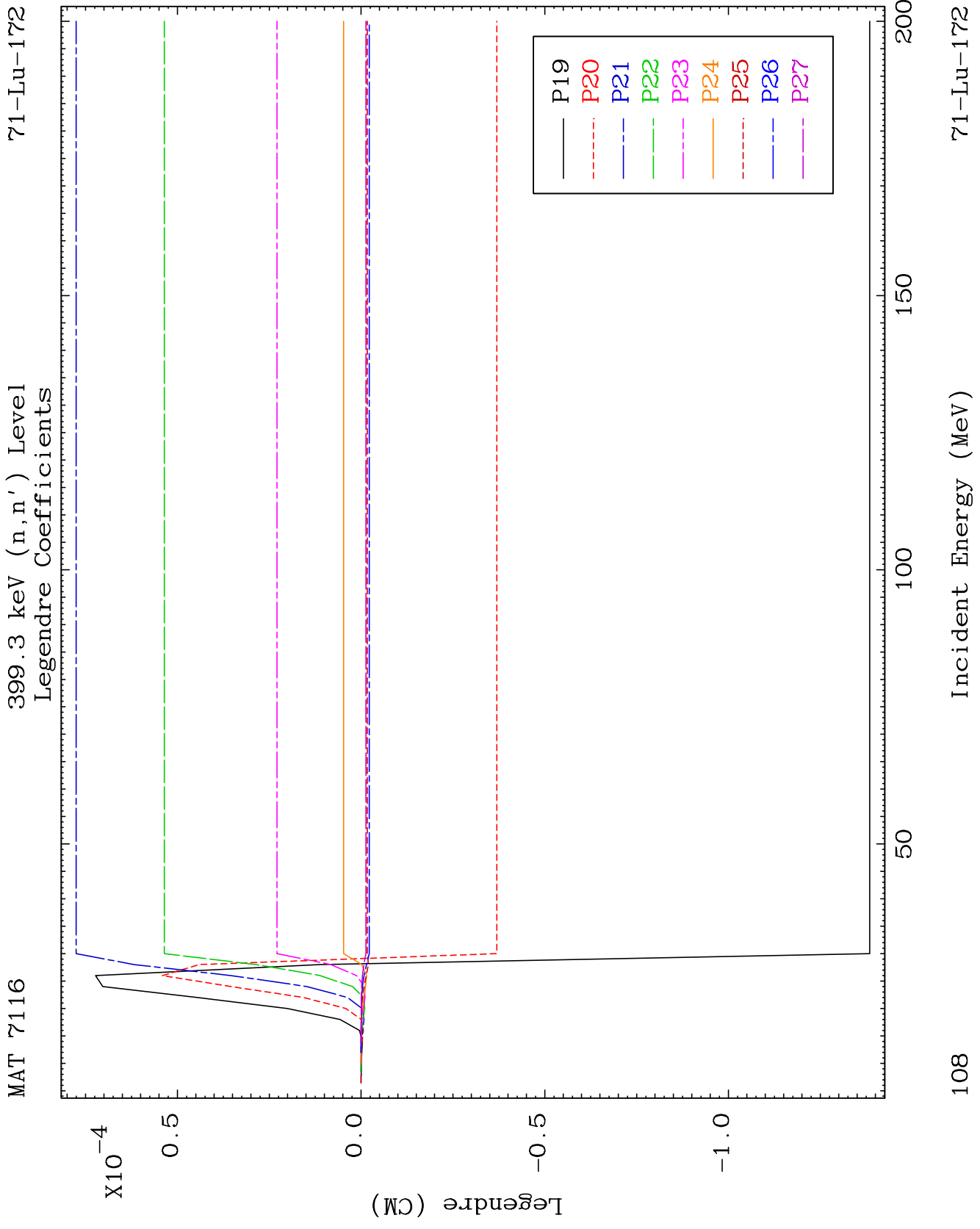
71-Lu-172

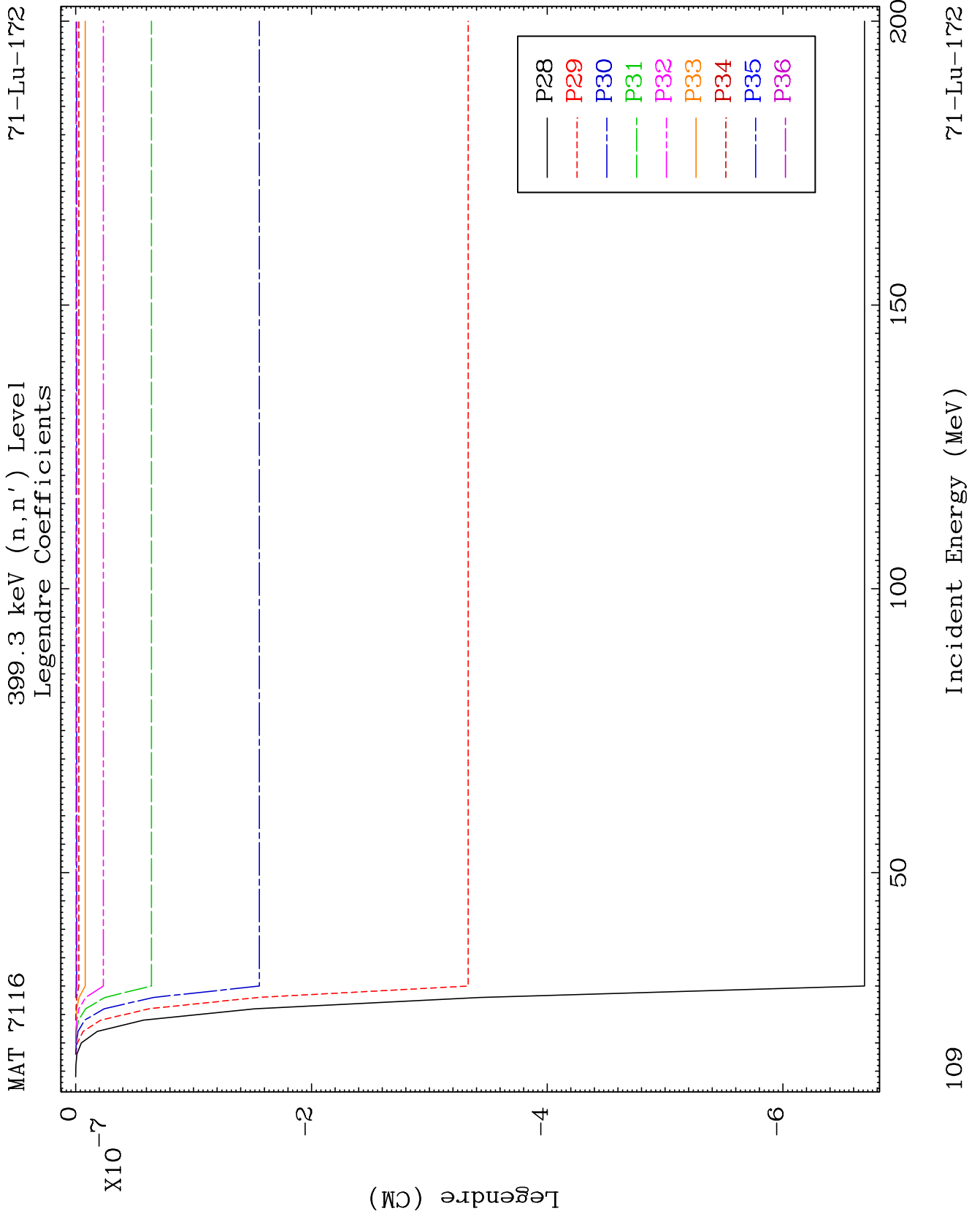


107

Incident Energy (MeV)

71-Lu-172



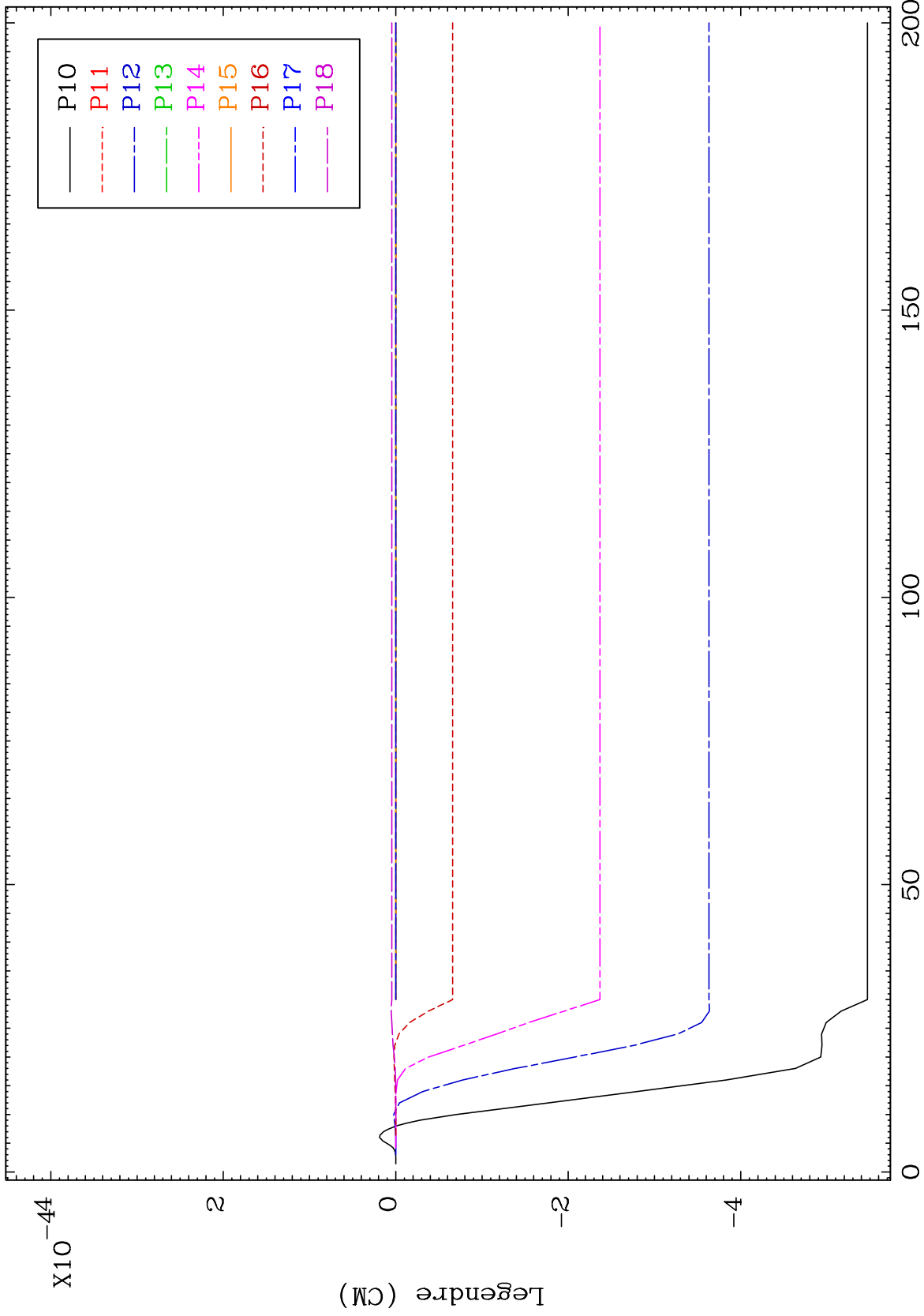




MAT 7116

406.0 keV (n,n') Level  
Legendre Coefficients

71-Lu-172

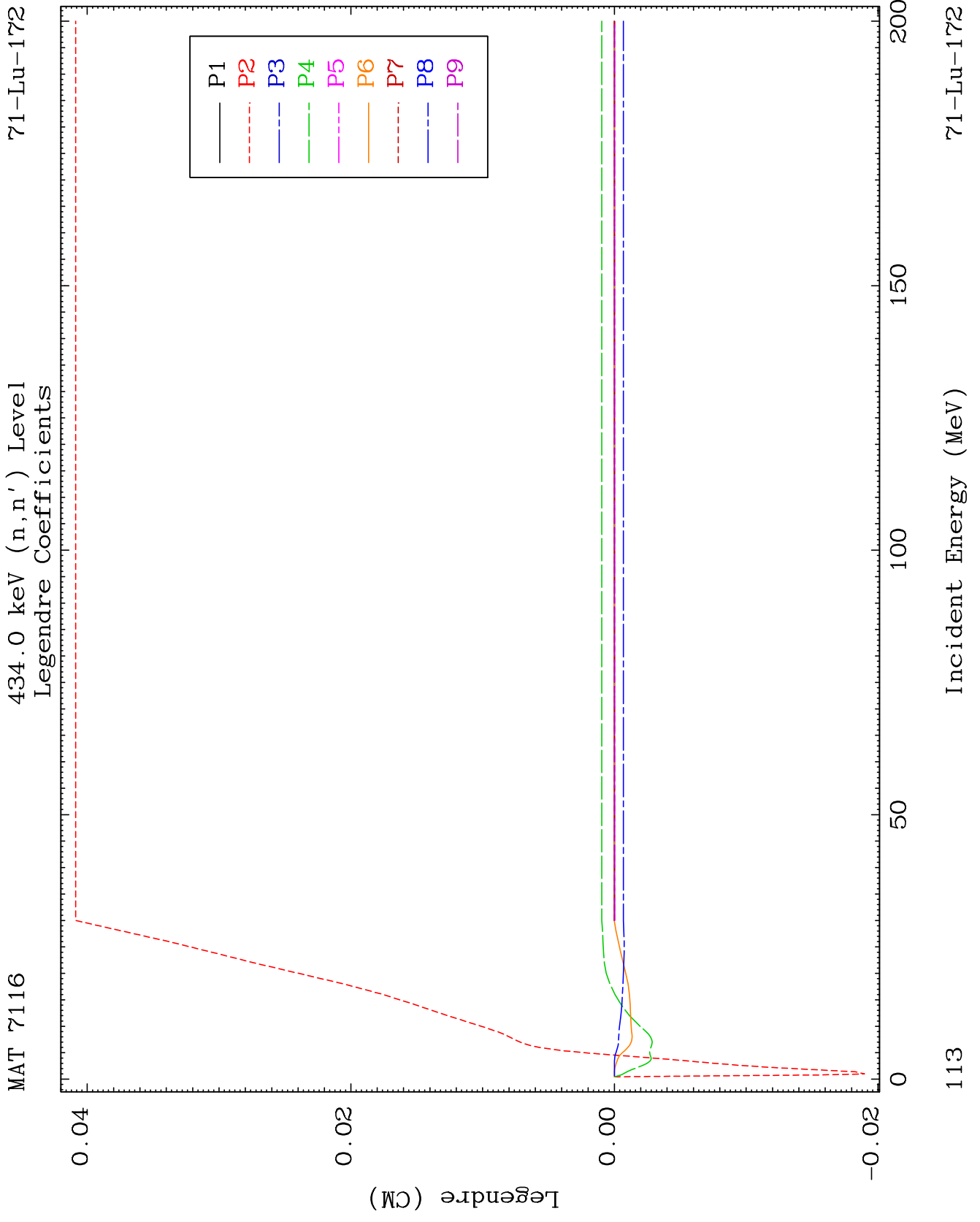


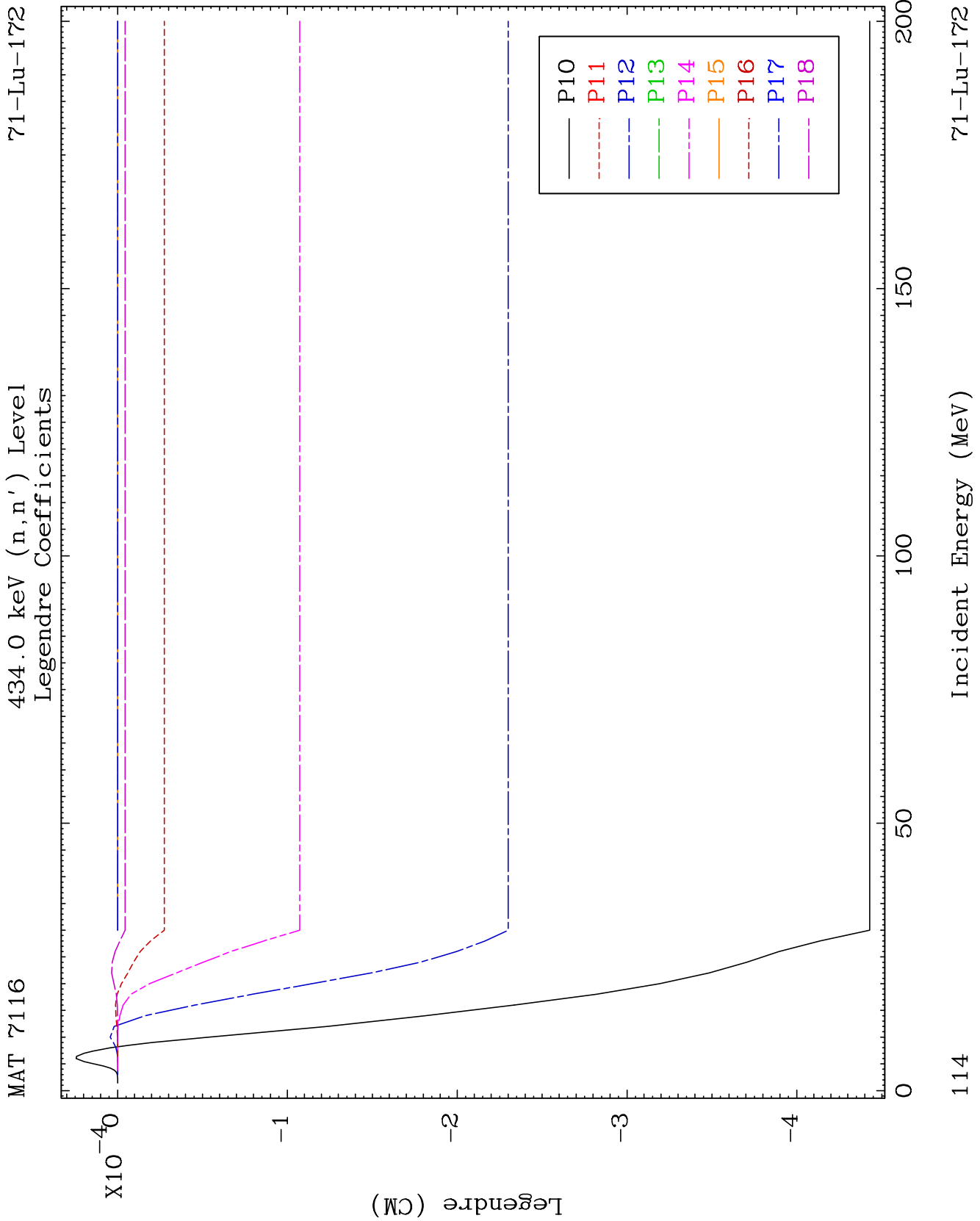
111

71-Lu-172









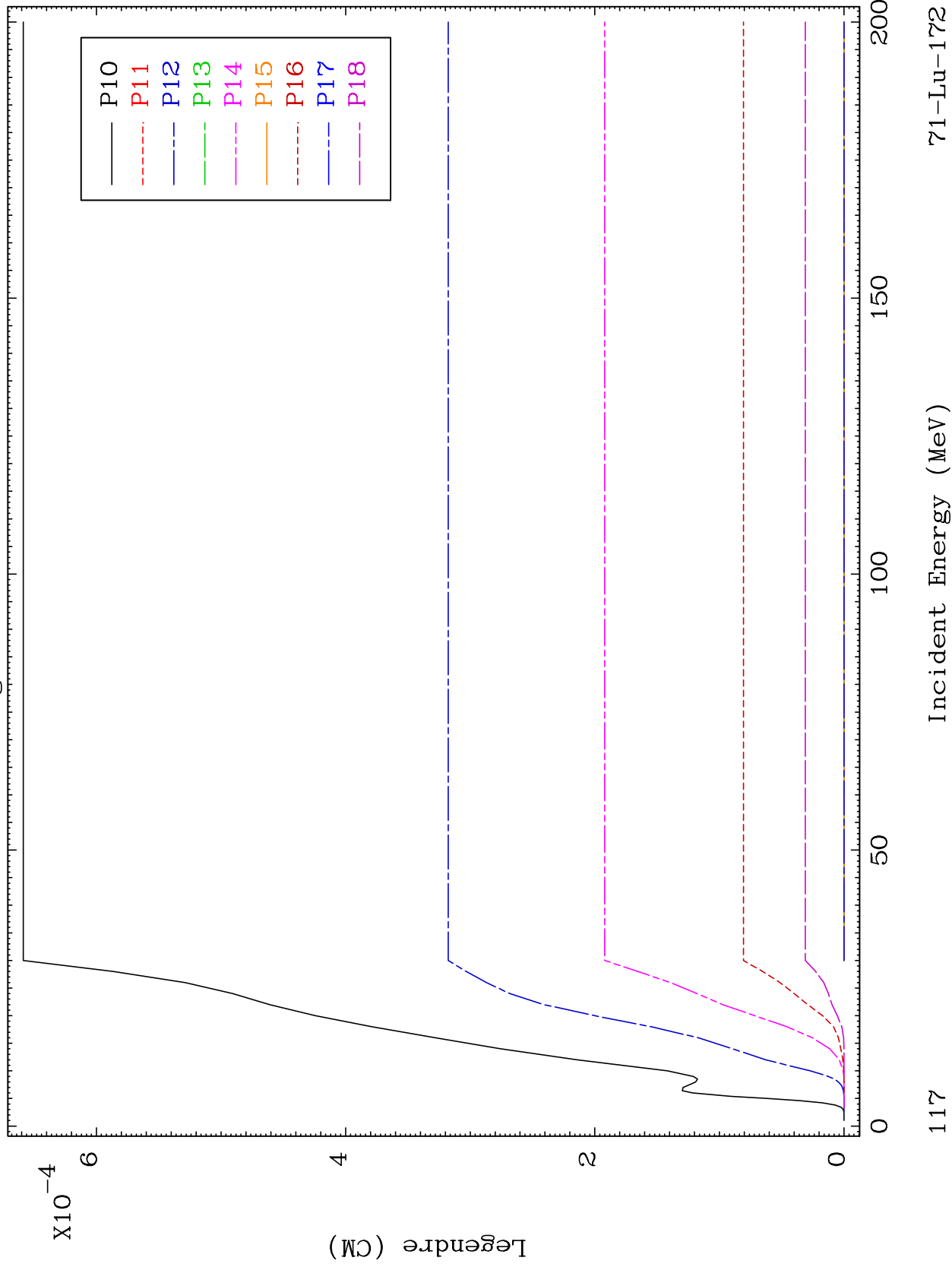




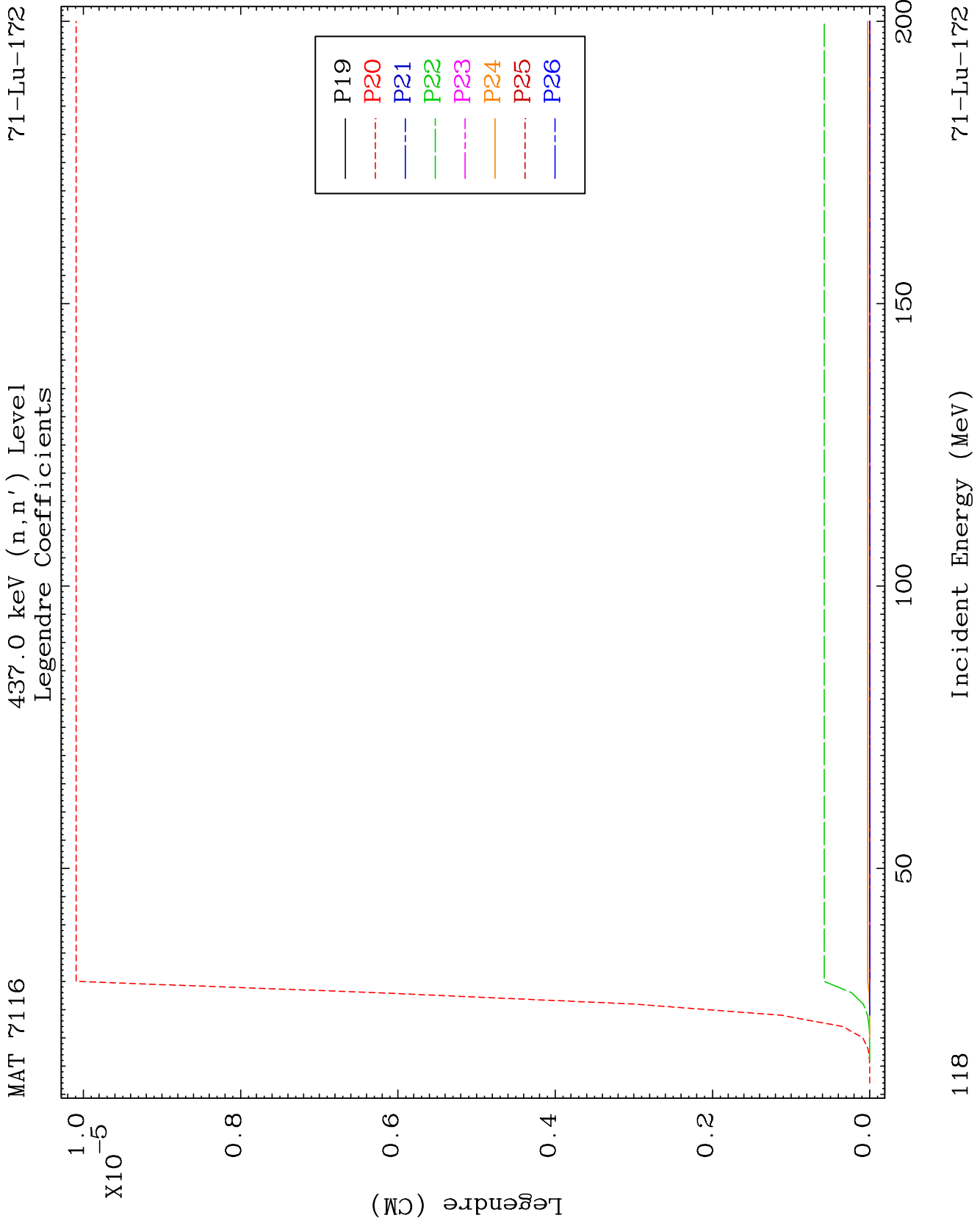
MAT 7116

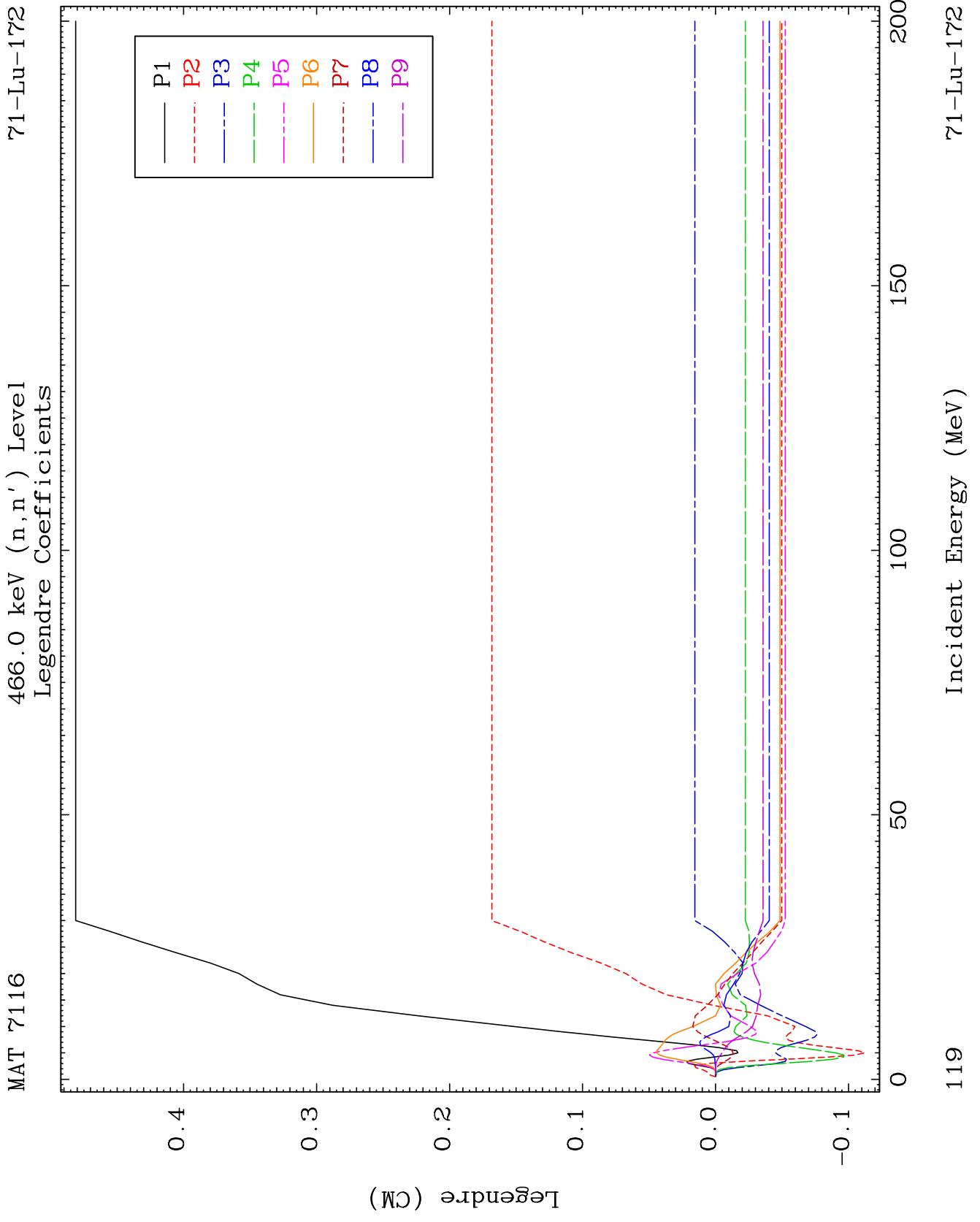
437.0 keV (n,n') Level  
Legendre Coefficients

71-Lu-172



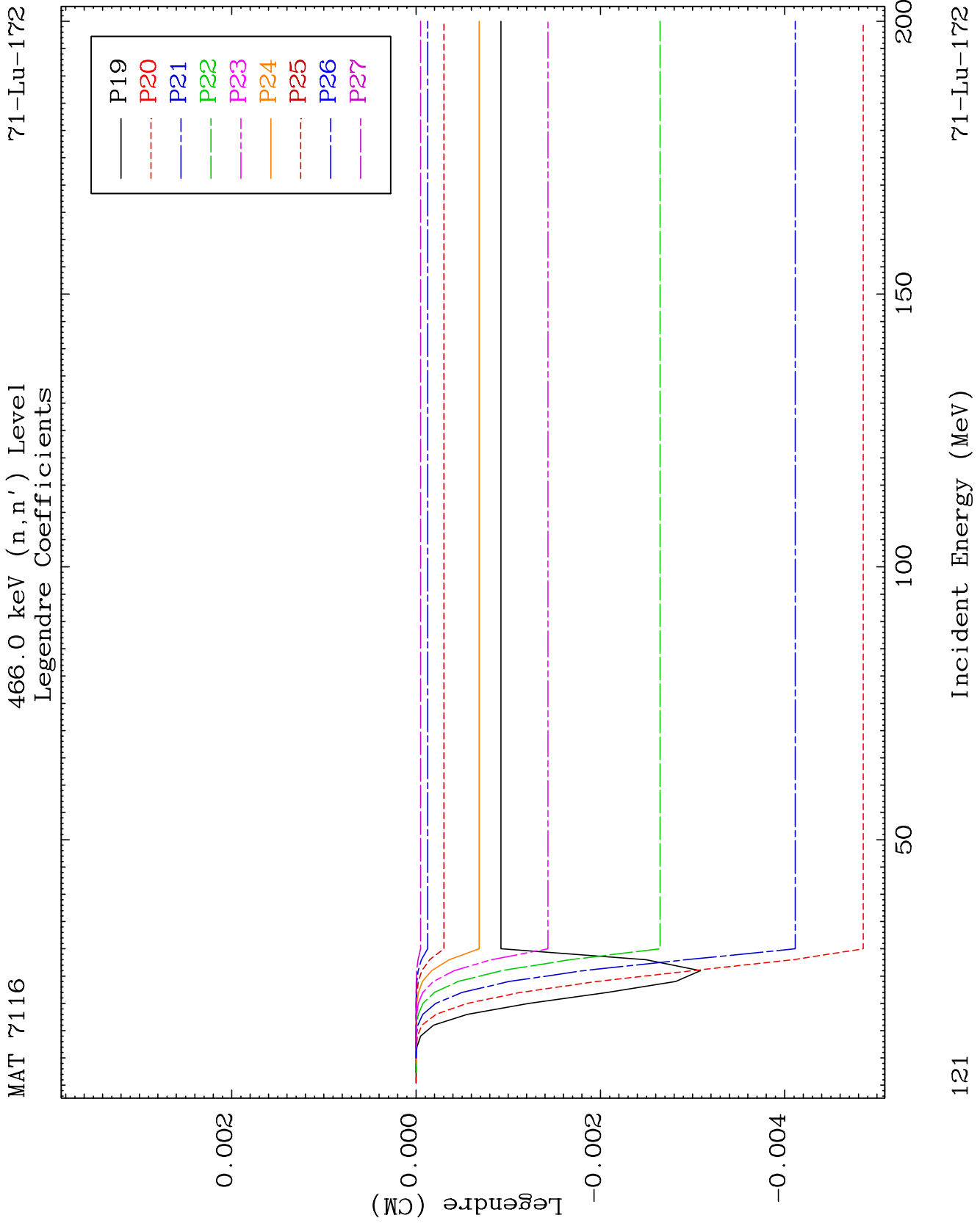
117

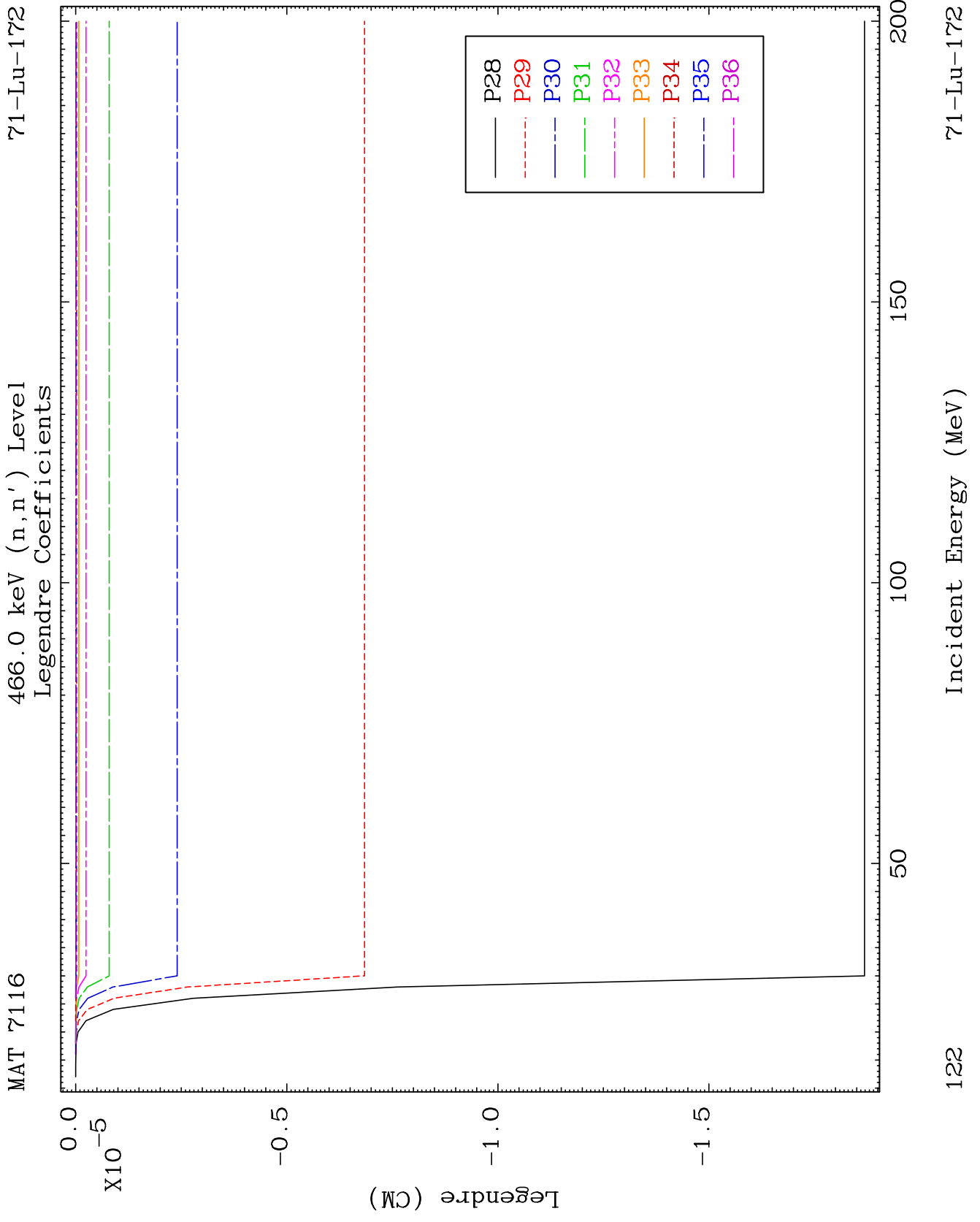








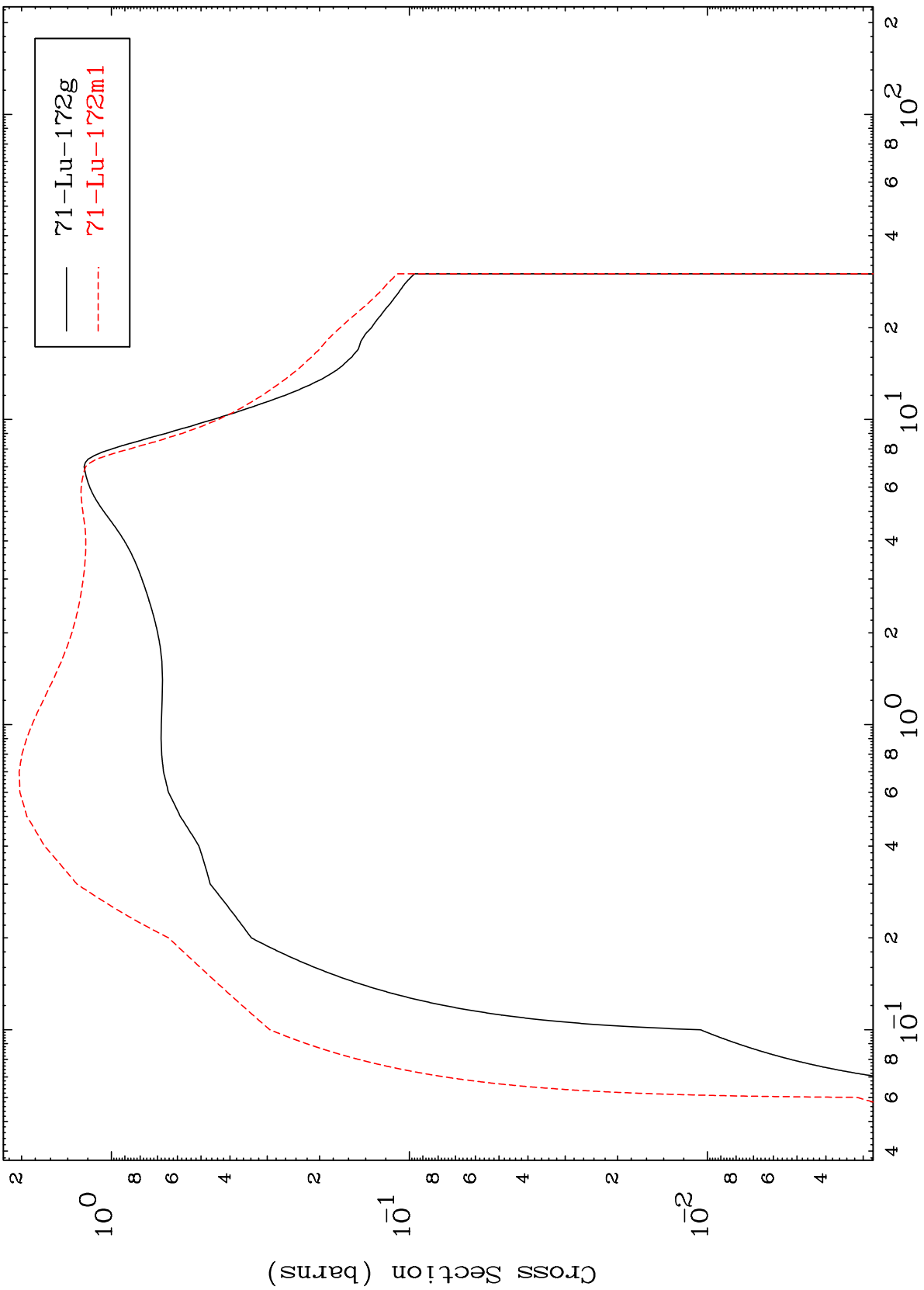




MAT 7116

71-Lu-172

Inelastic  
Radionuclide Production Cross Section



123

Incident Energy (MeV)

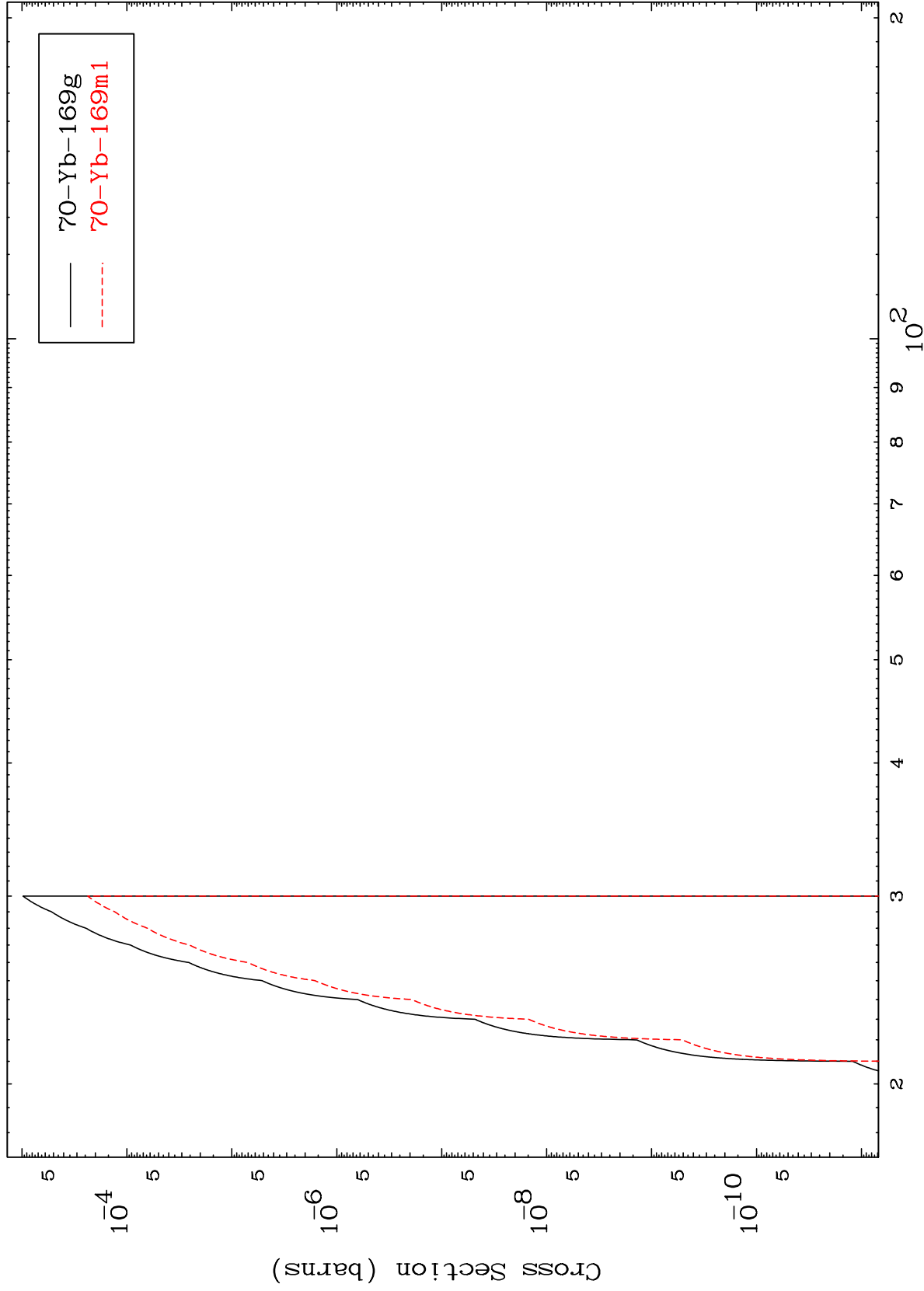
71-Lu-172

MAT 71116

(n,2n) d

71-Lu-172

Radionuclide Production Cross Section



124

Incident Energy (MeV)

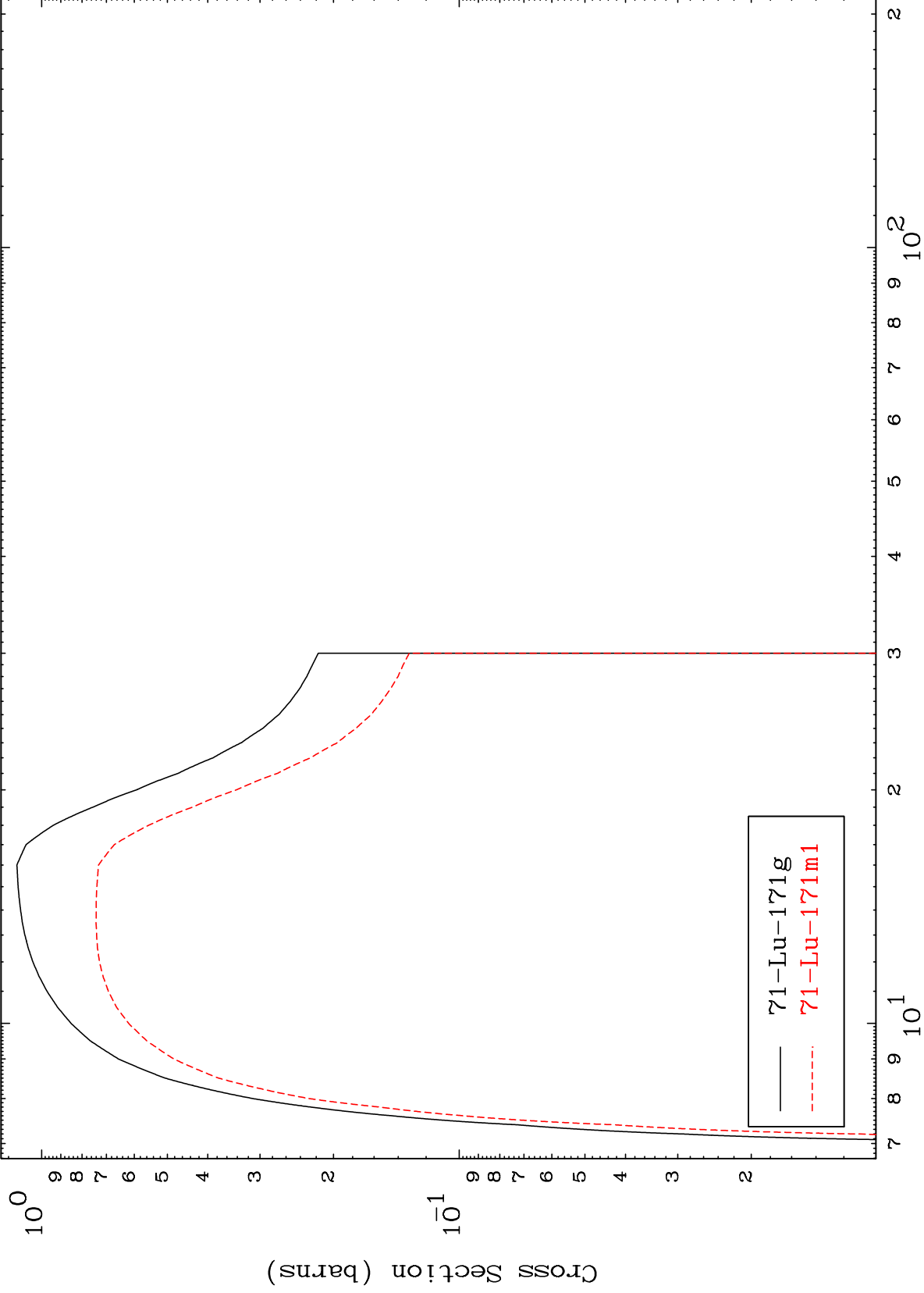
71-Lu-172

MAT 7116

(n,2n)

71-Lu-172

Radionuclide Production Cross Section



125

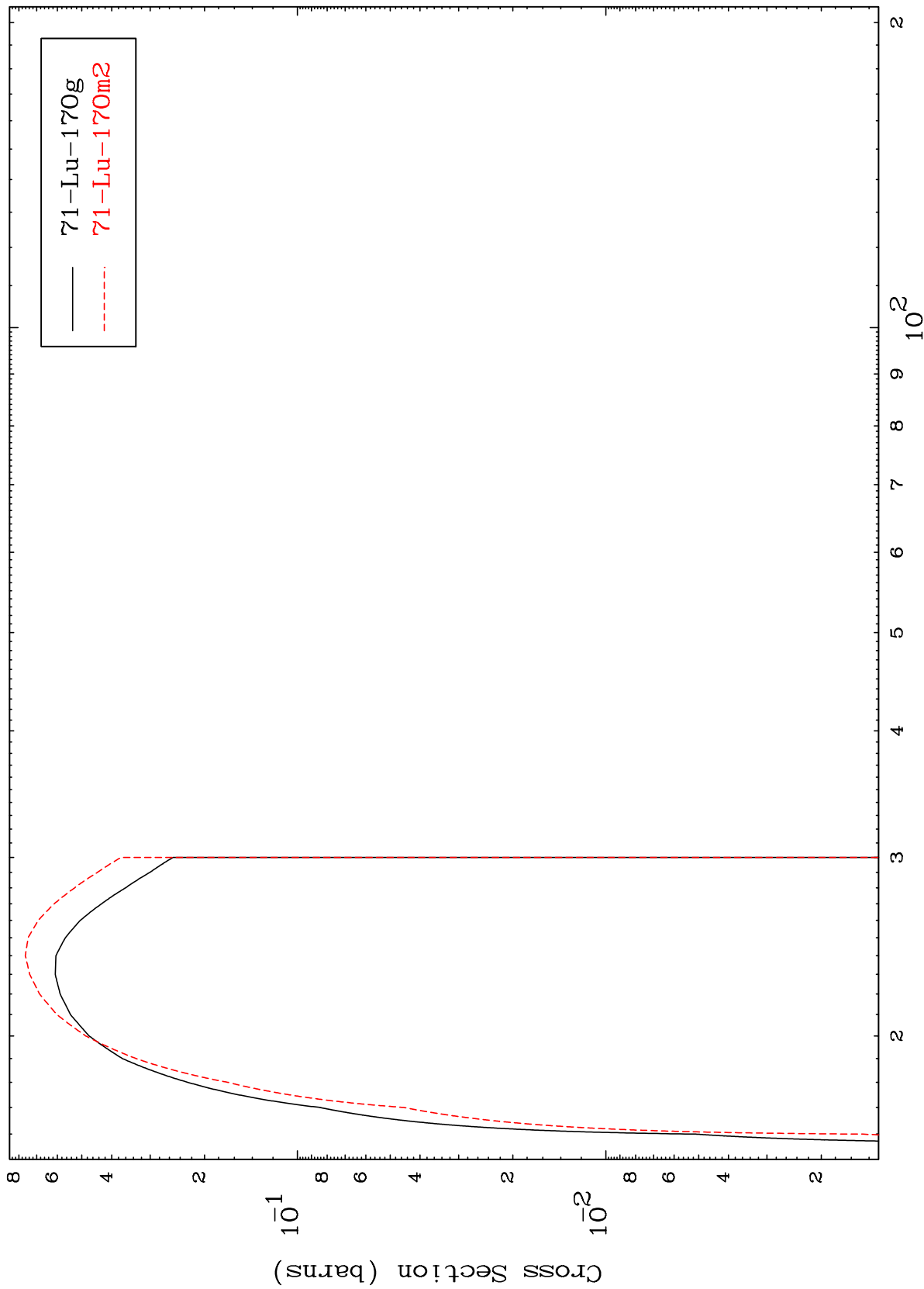
Incident Energy (MeV)

71-Lu-172

MAT 7116

71-Lu-172

(n,3n)  
Radionuclide Production Cross Section



126

Incident Energy (MeV)

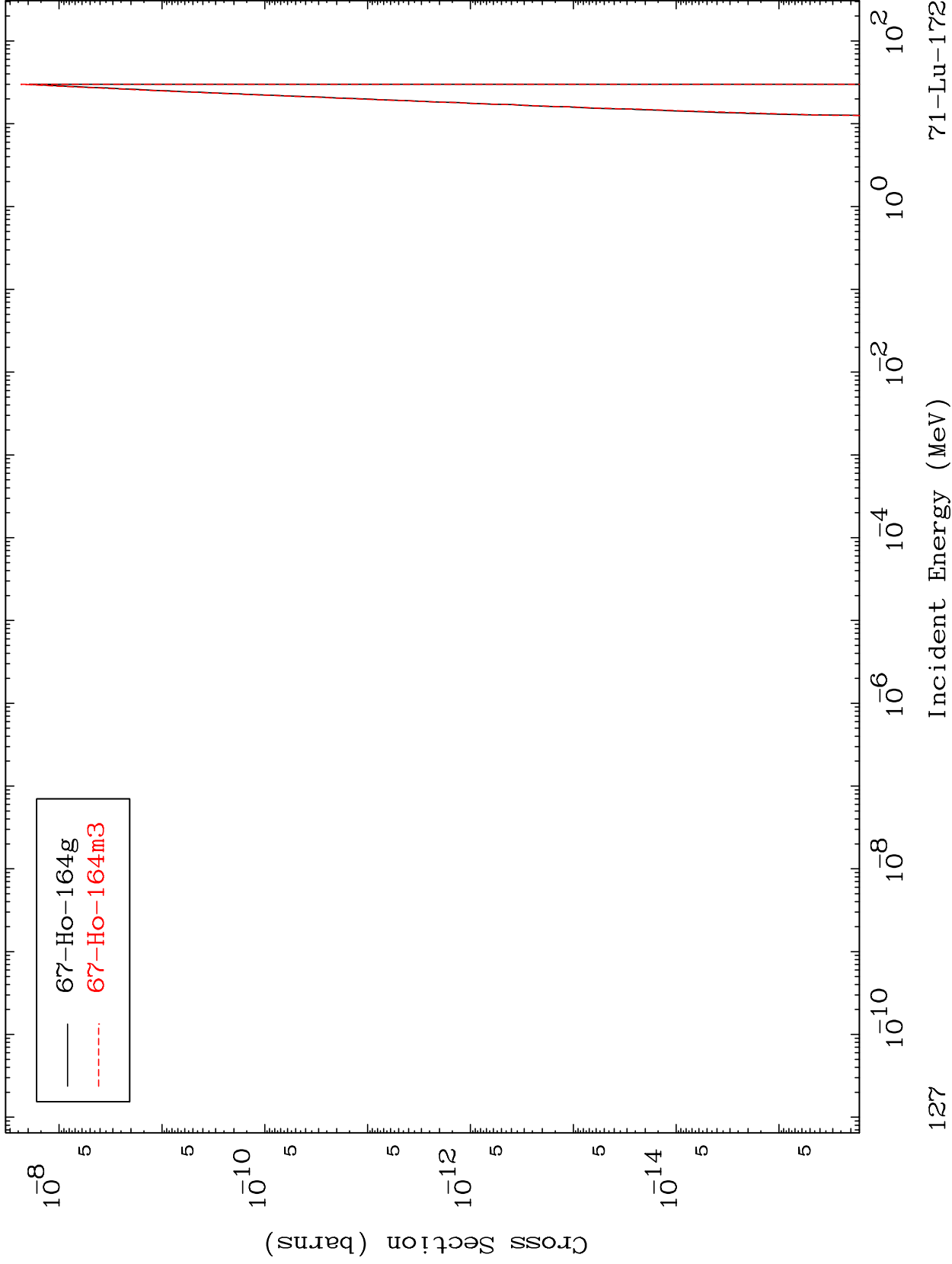
71-Lu-172

MAT 71116

(n,n') 2α

71-Lu-172

Radionuclide Production Cross Section



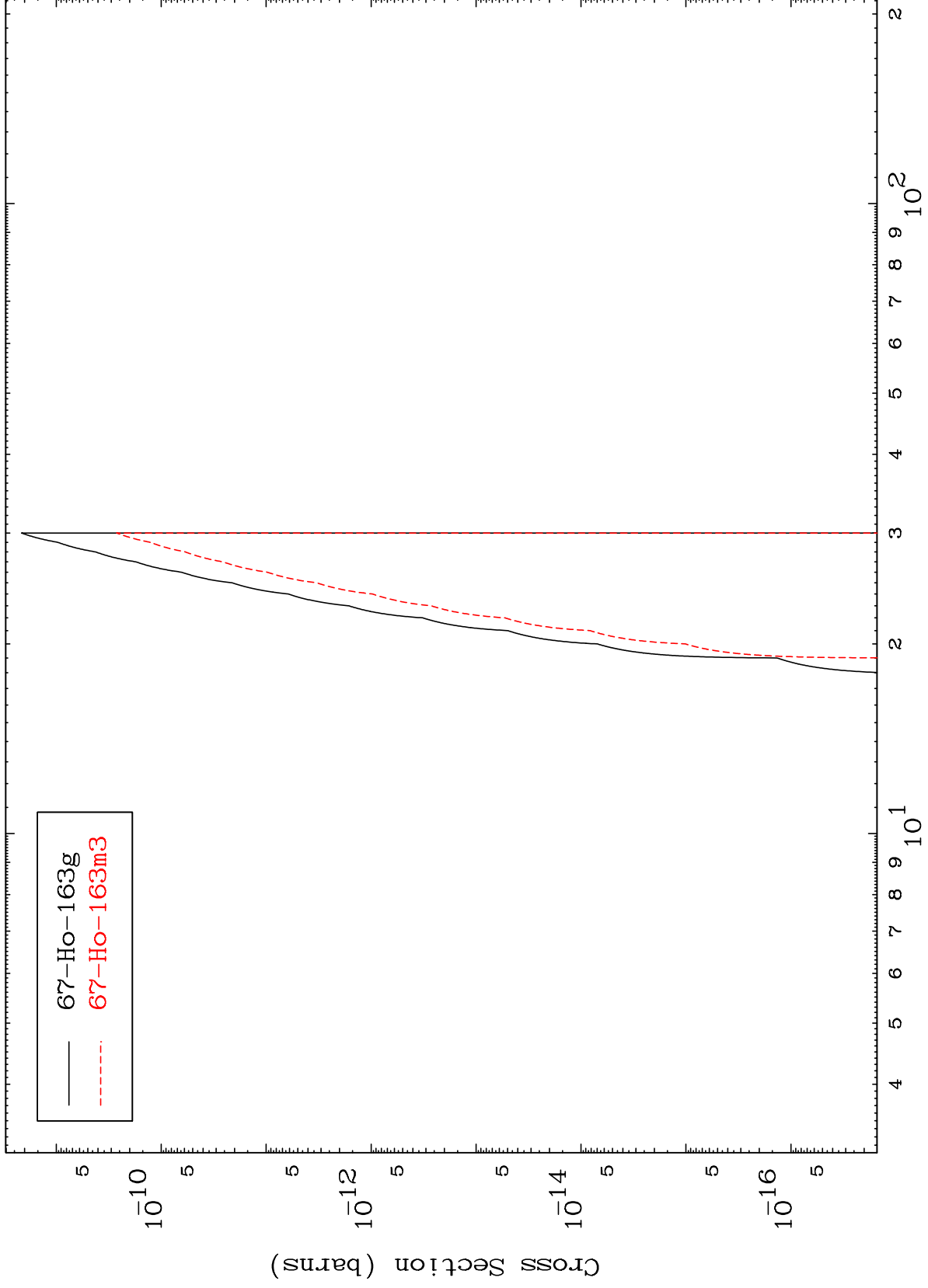


MAT 71116

$(n,2n) 2\alpha$

71-Lu-172

Radionuclide Production Cross Section

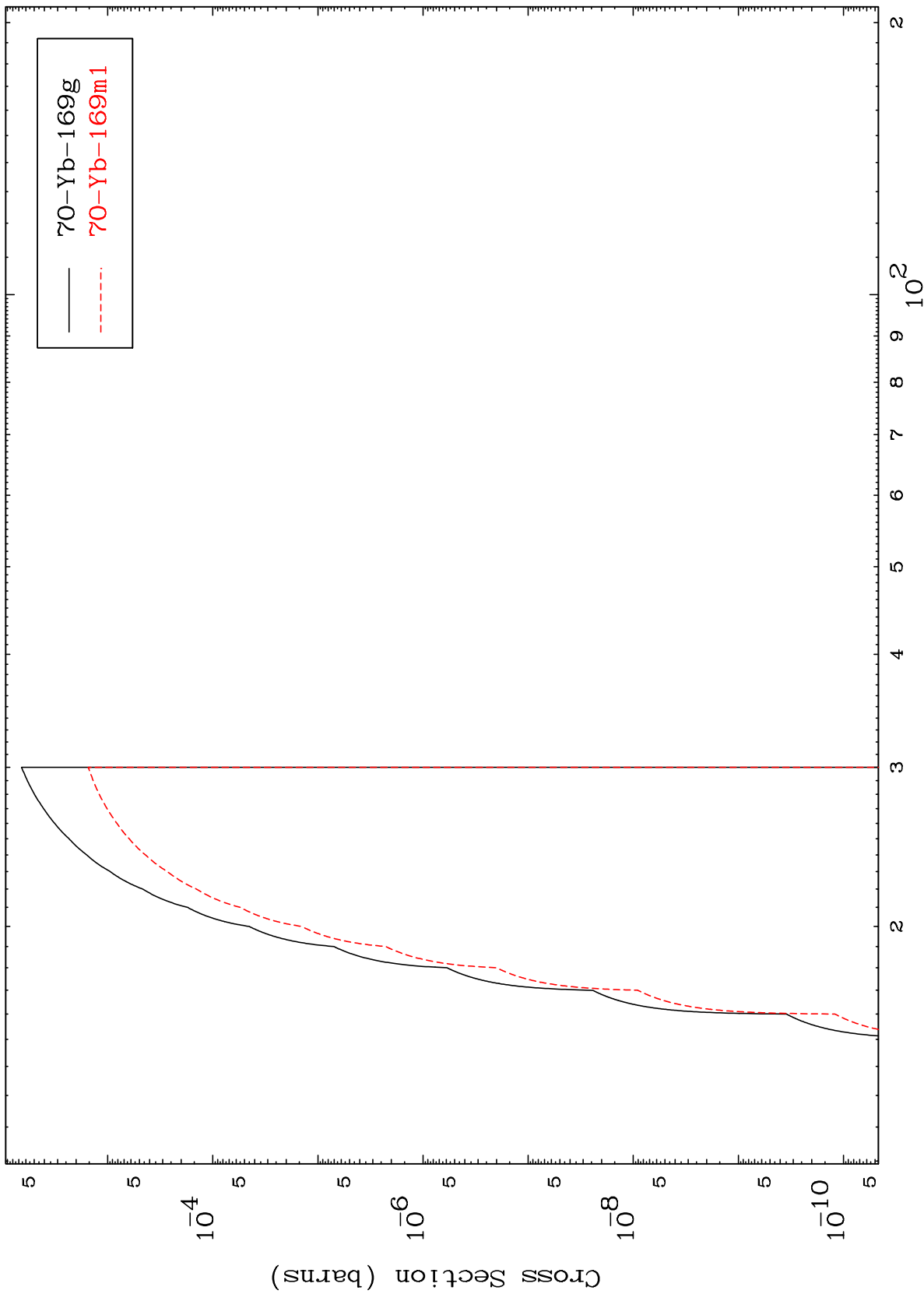


128

Incident Energy (MeV)

71-Lu-172

Radionuclide Production Cross Section

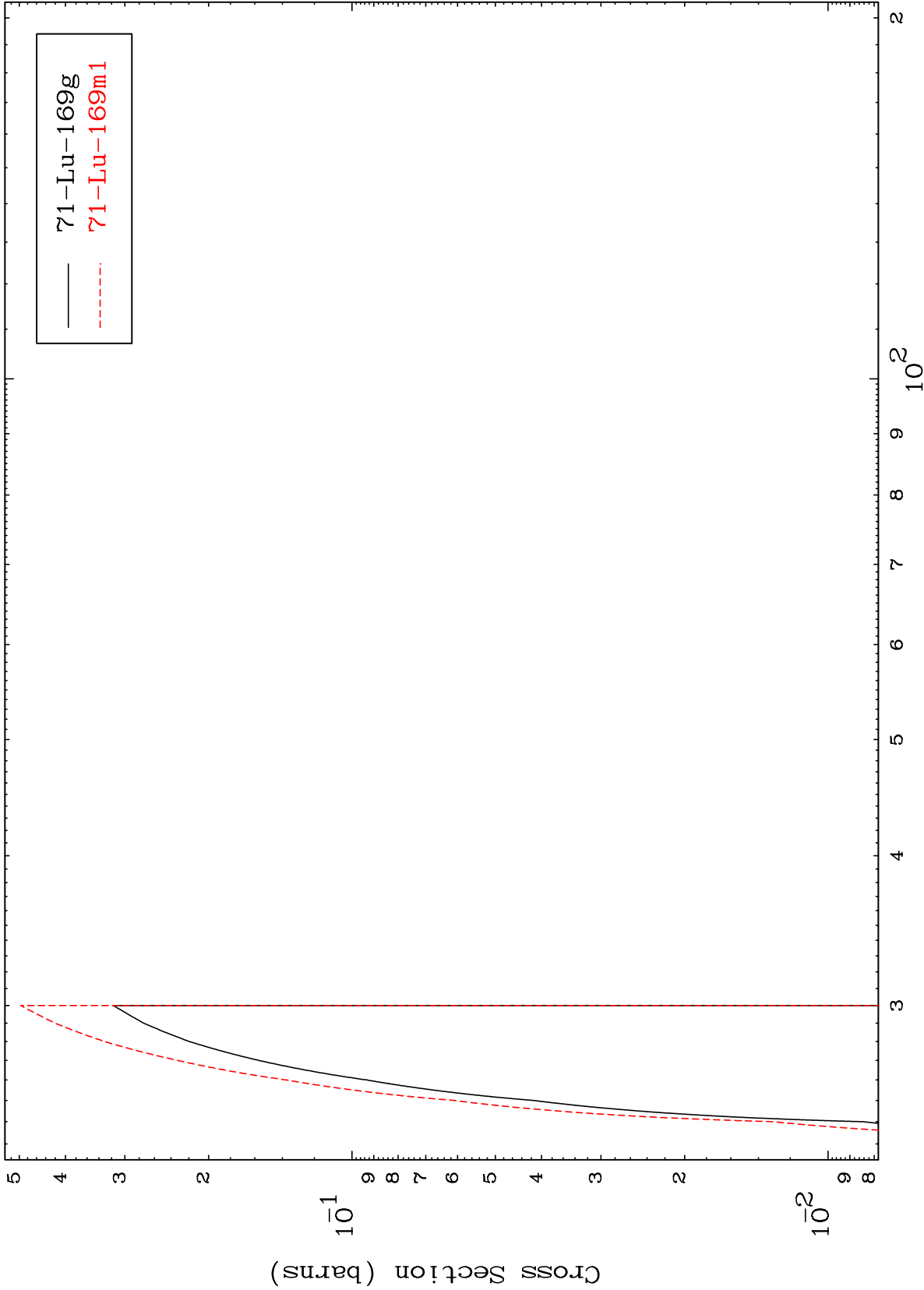


MAT 7116

(n,4n)

71-Lu-172

Radionuclide Production Cross Section



130

Incident Energy (MeV)

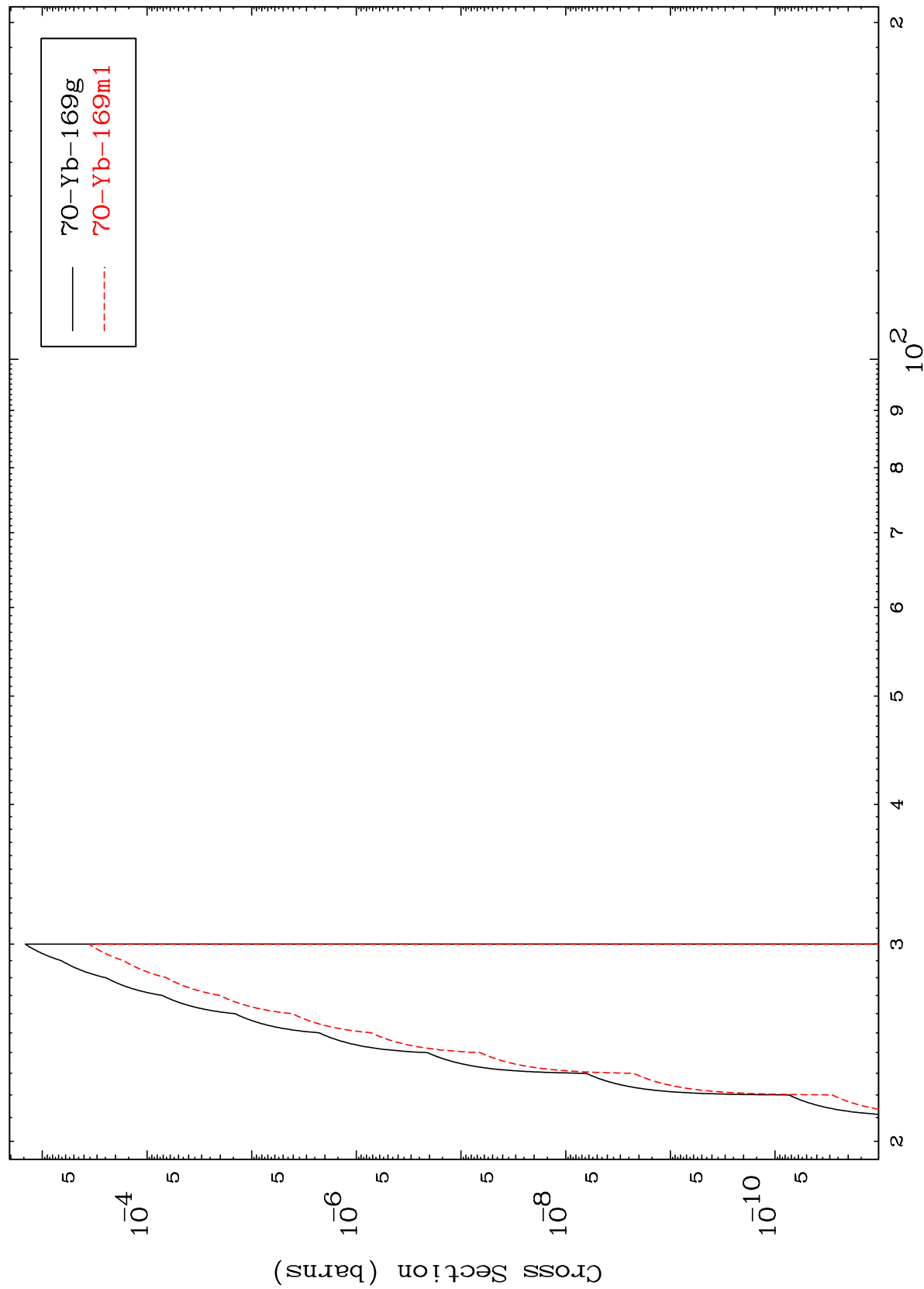
71-Lu-172

MAT 7116

(n,3n) p

71-Lu-172

Radionuclide Production Cross Section



131

Incident Energy (MeV)

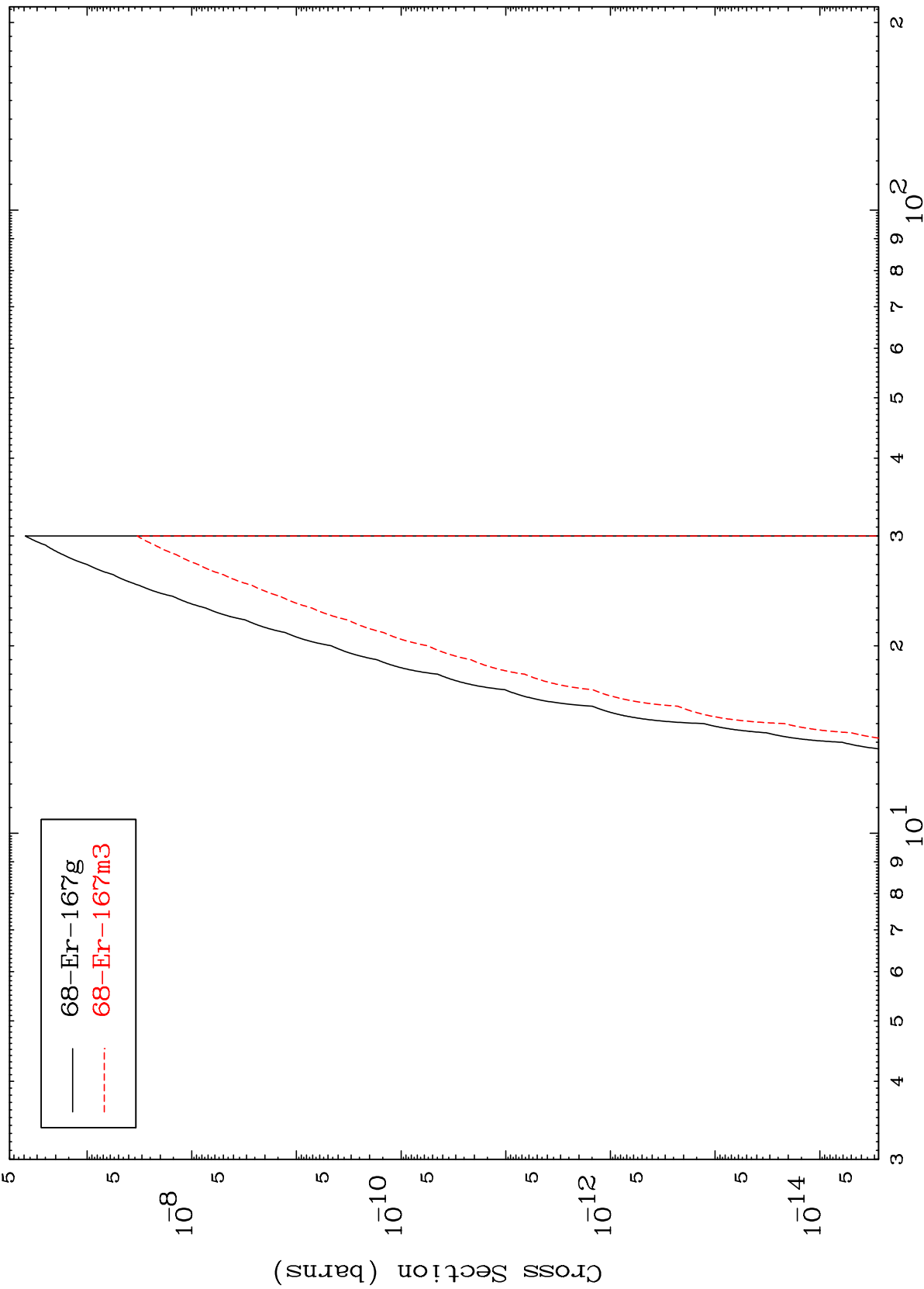
71-Lu-172

MAT 7116

(n,n') p  $\alpha$

71-Lu-172

Radionuclide Production Cross Section



68-Er-167g  
68-Er-167m3

132

Incident Energy (MeV)

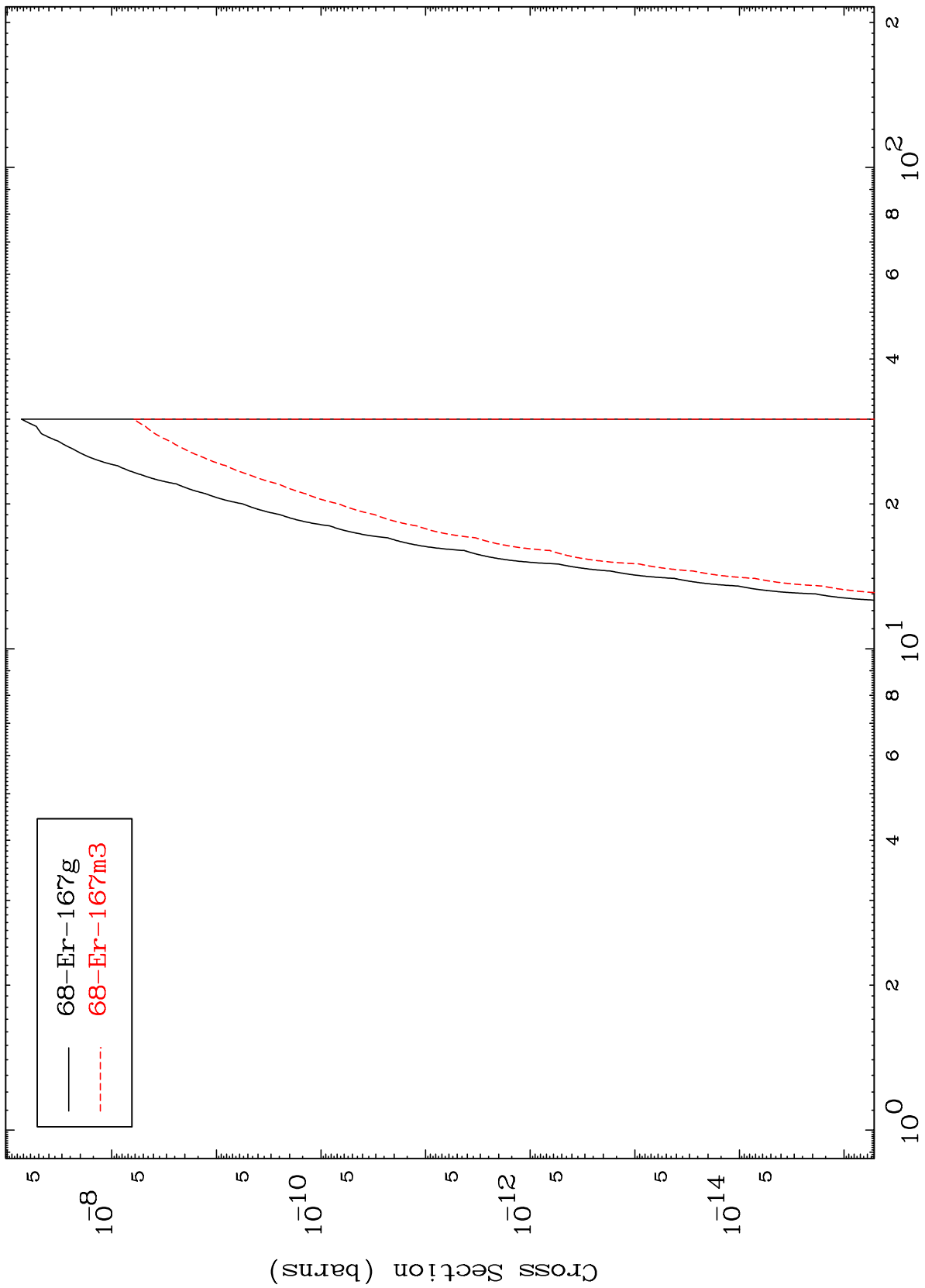
71-Lu-172

MAT 71116

(n,d)  $\alpha$

71-Lu-172

Radionuclide Production Cross Section



133

Incident Energy (MeV)

71-Lu-172