

Program EVALPLOT  
(Version 2018-1)

by

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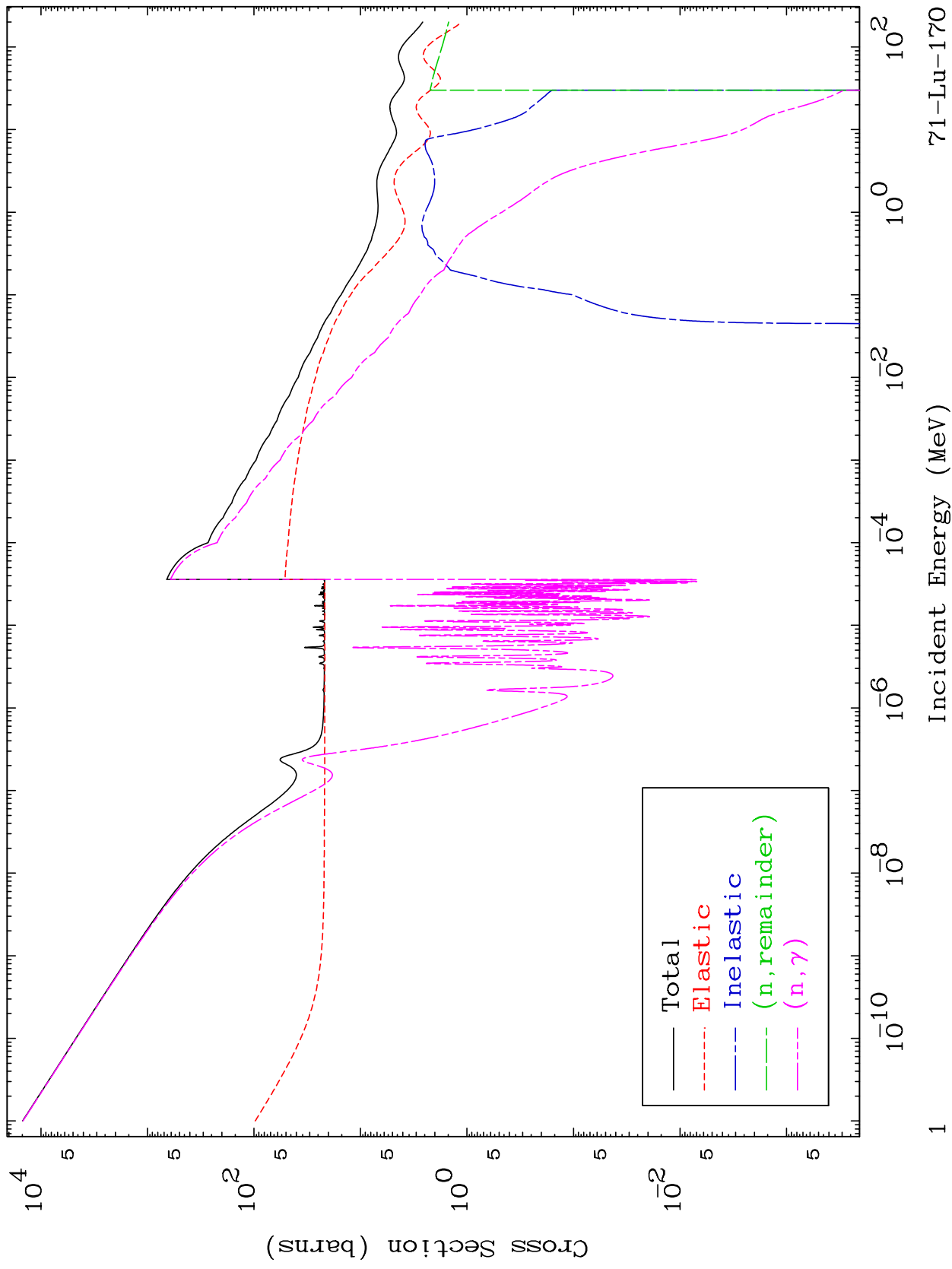
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Press Mouse Button to Start

MAT 7110

Major  
293 Kelvin Cross Sections

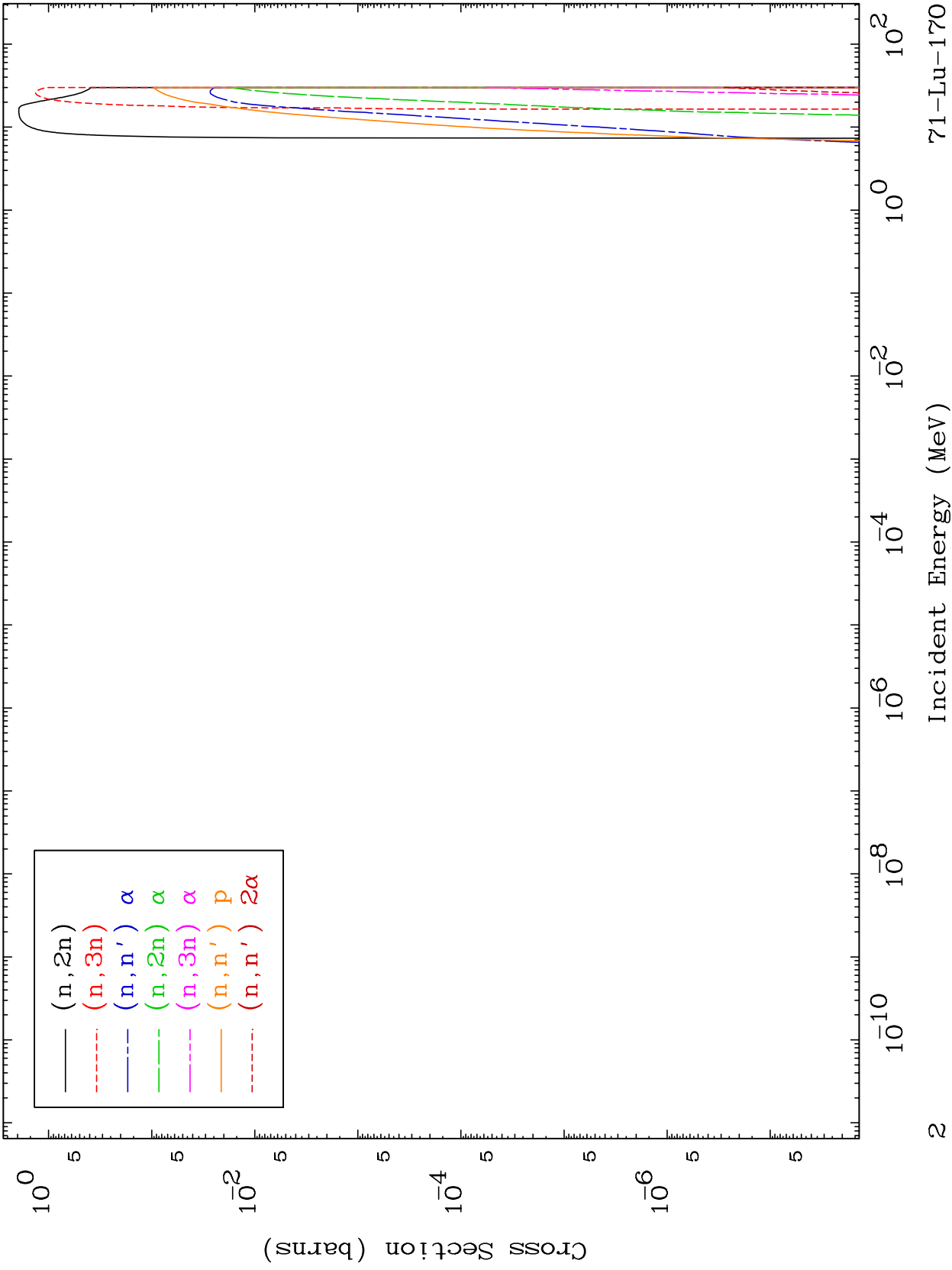
71-Lu-170

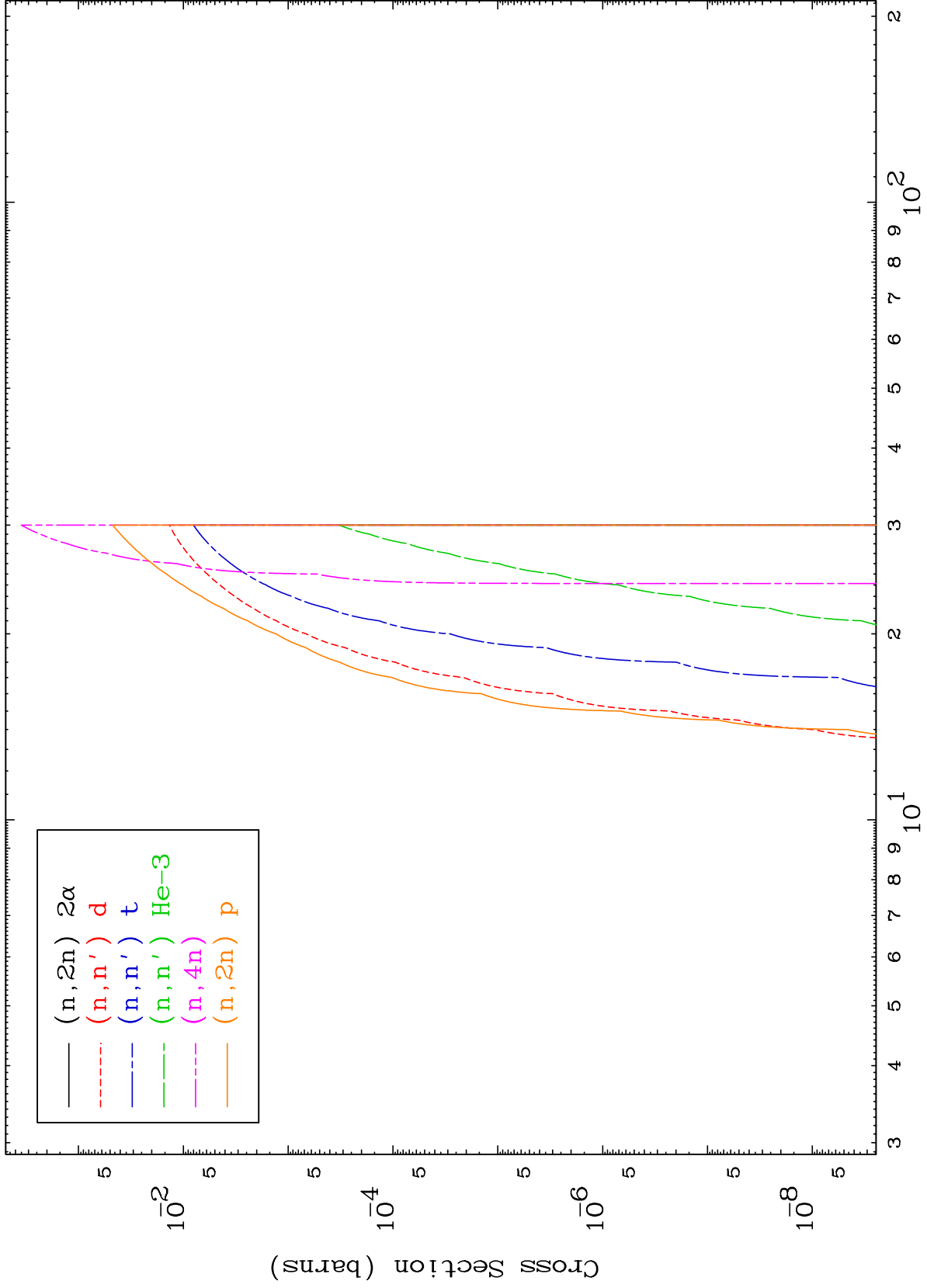


MAT 7110

Neutron Production  
293 Kelvin Cross Sections

71-Lu-170

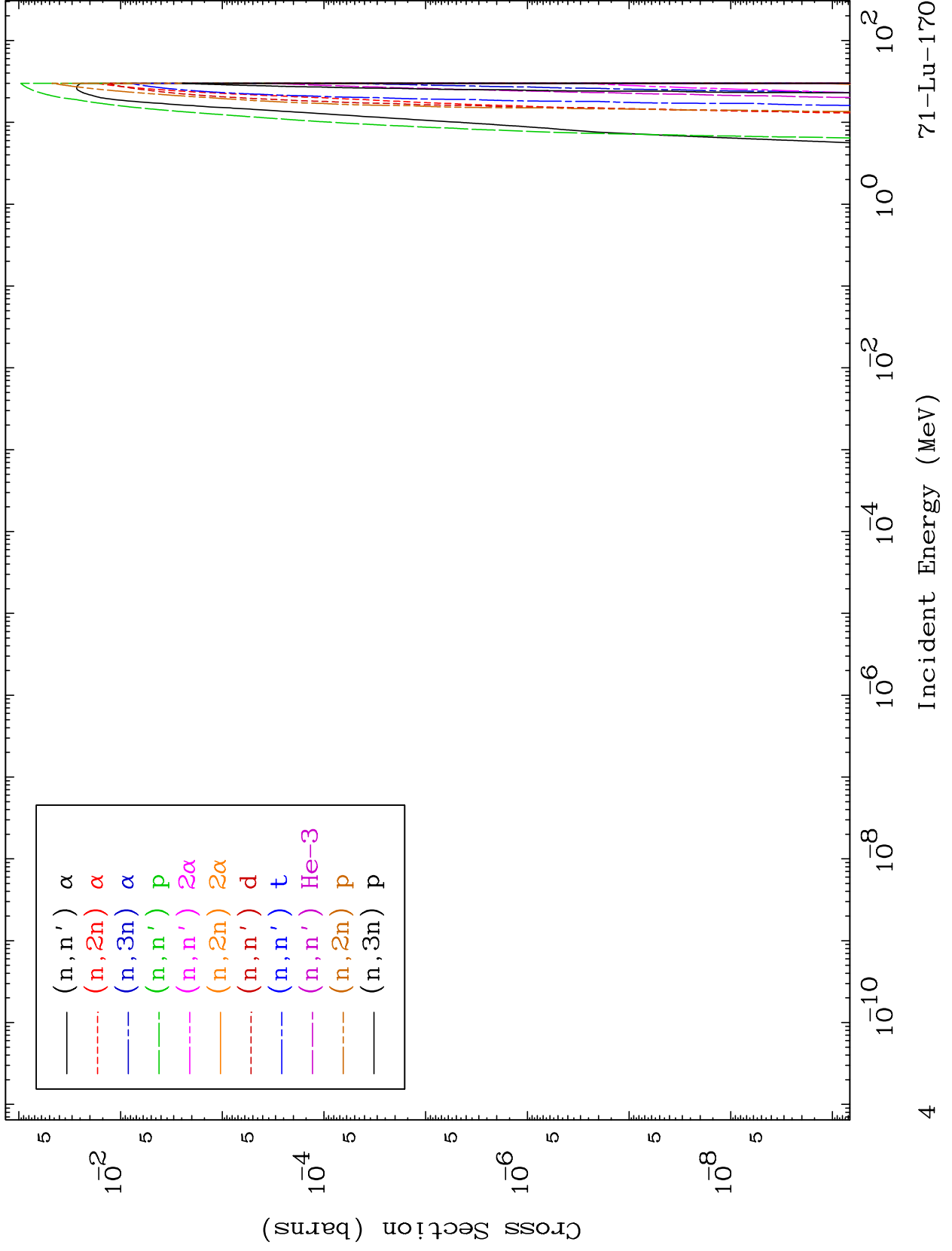




MAT 7110

Charged Particle  
293 Kelvin Cross Sections

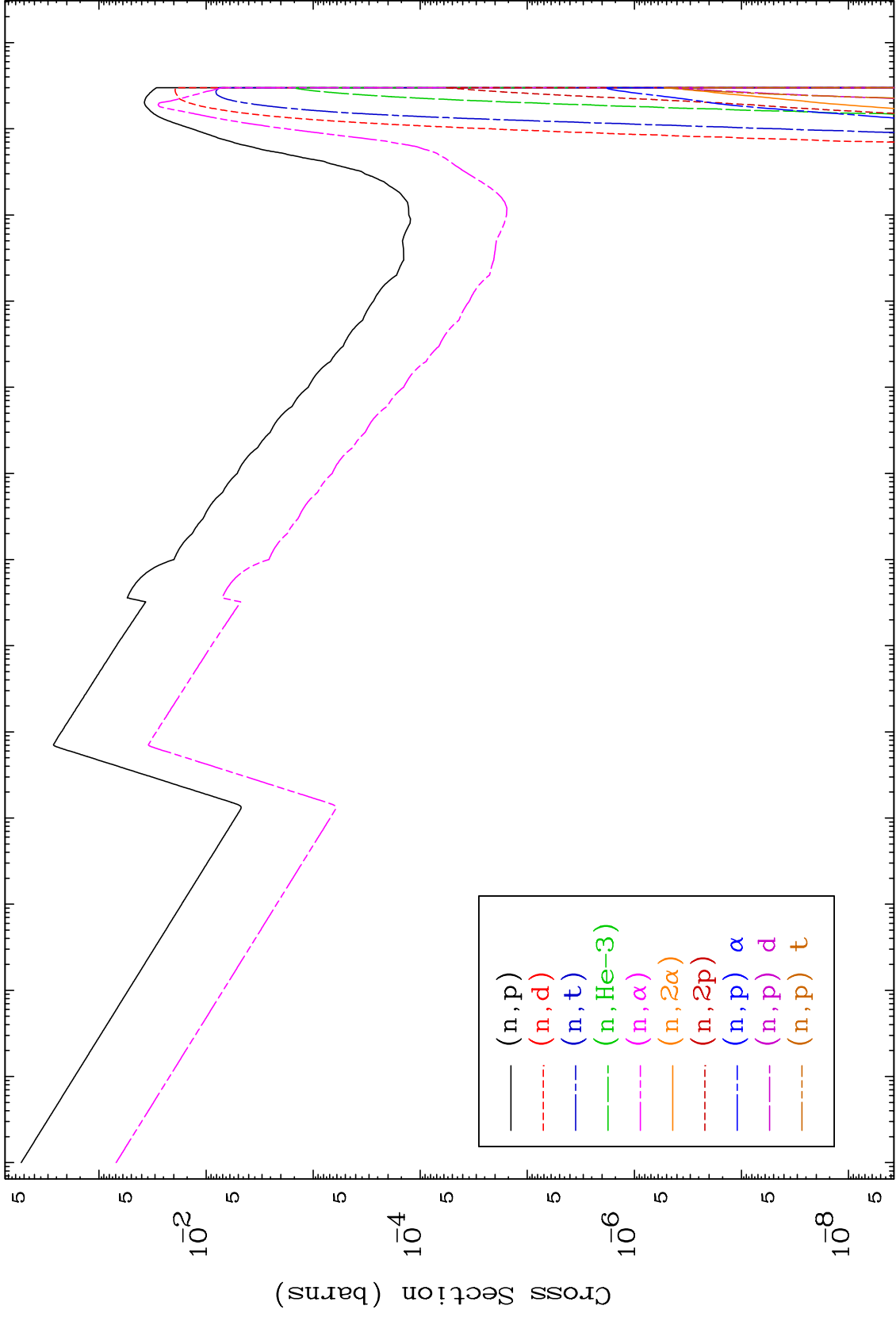
71-Lu-170



MAT 7110

Charged Particle  
293 Kelvin Cross Sections

71-Lu-170



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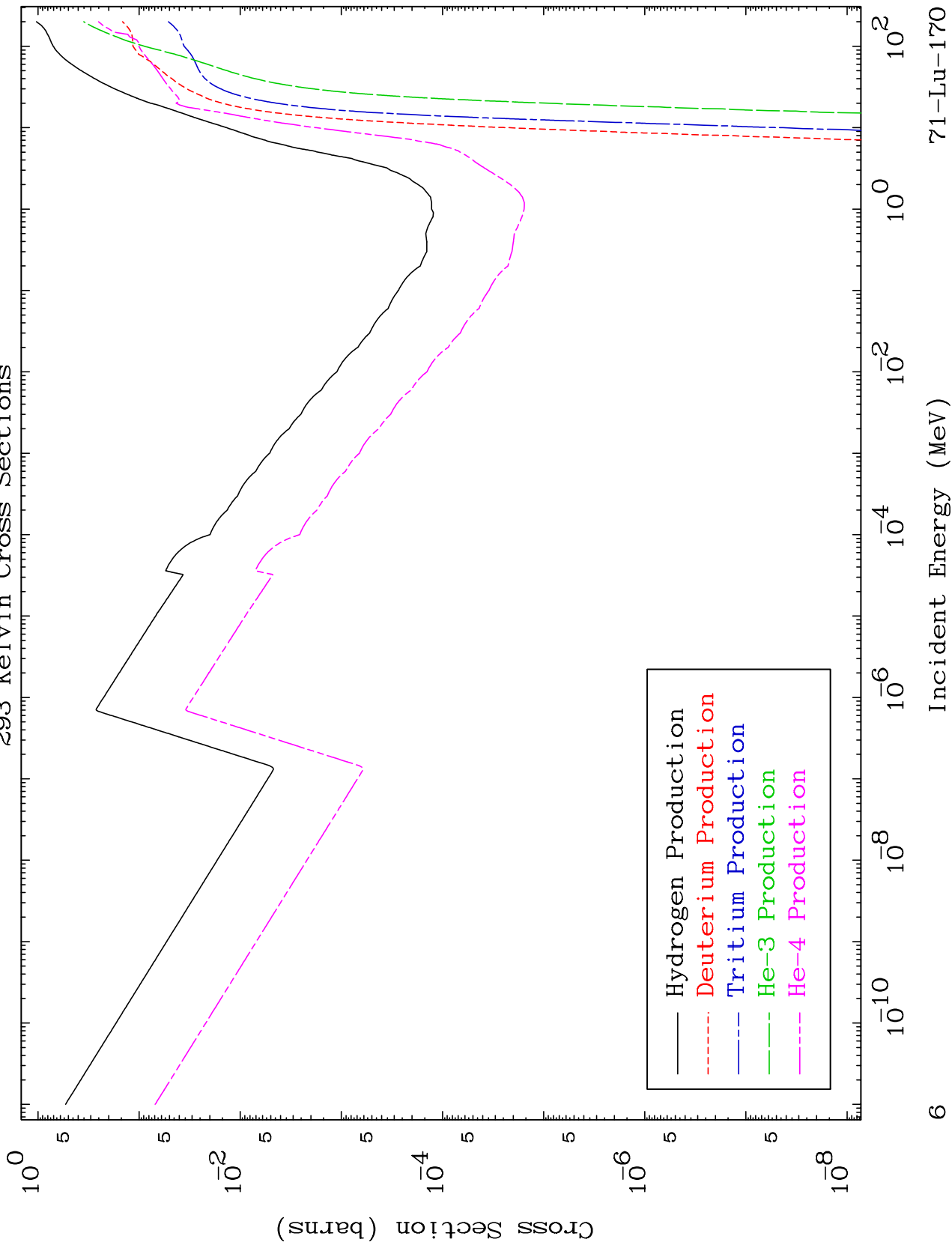
Incident Energy (MeV)

71-Lu-170

MAT 7110

Particle Production  
293 Kelvin Cross Sections

71-Lu-170

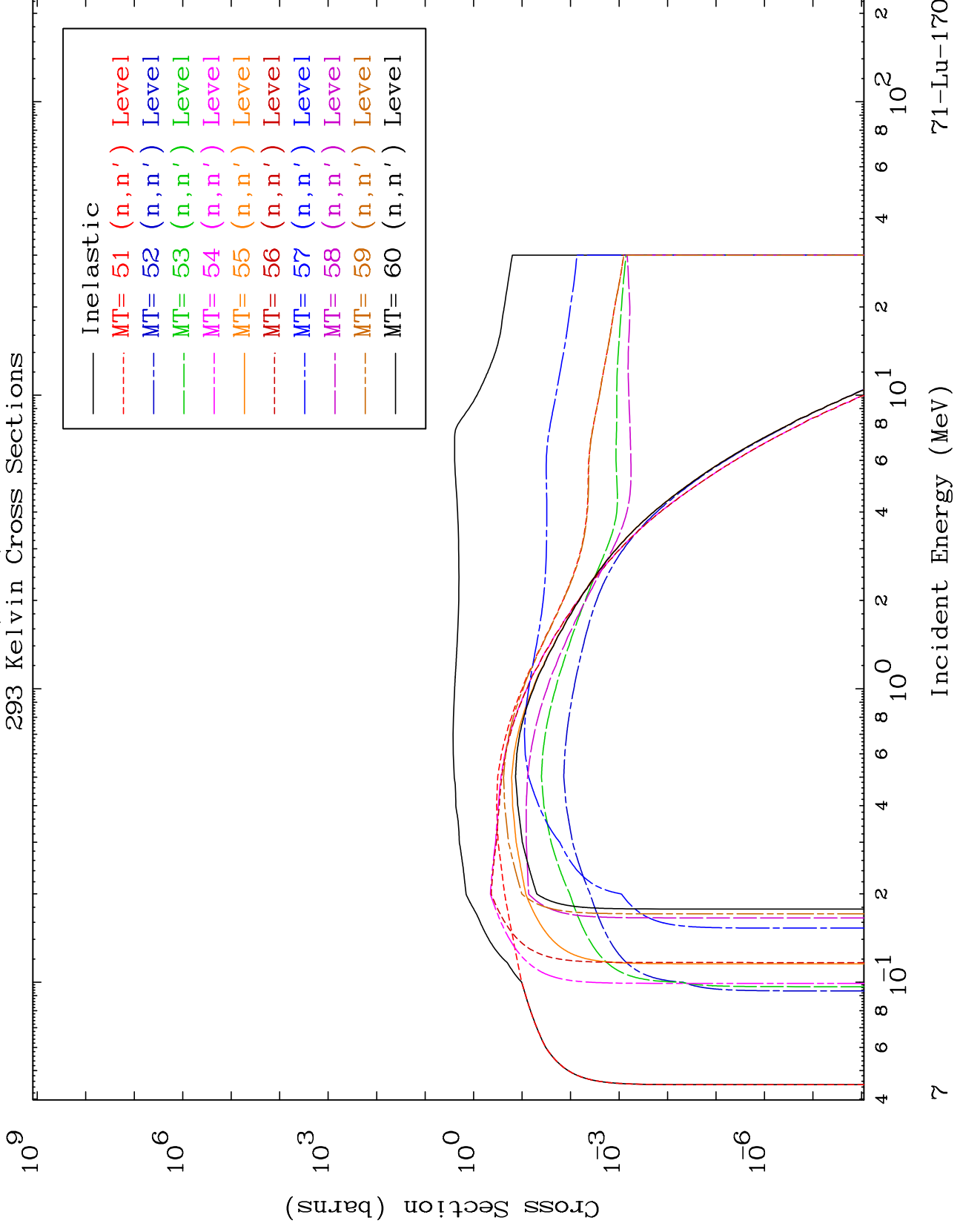


MAT 7110

(n,n') Level

293 Kelvin Cross Sections

71-Lu-170



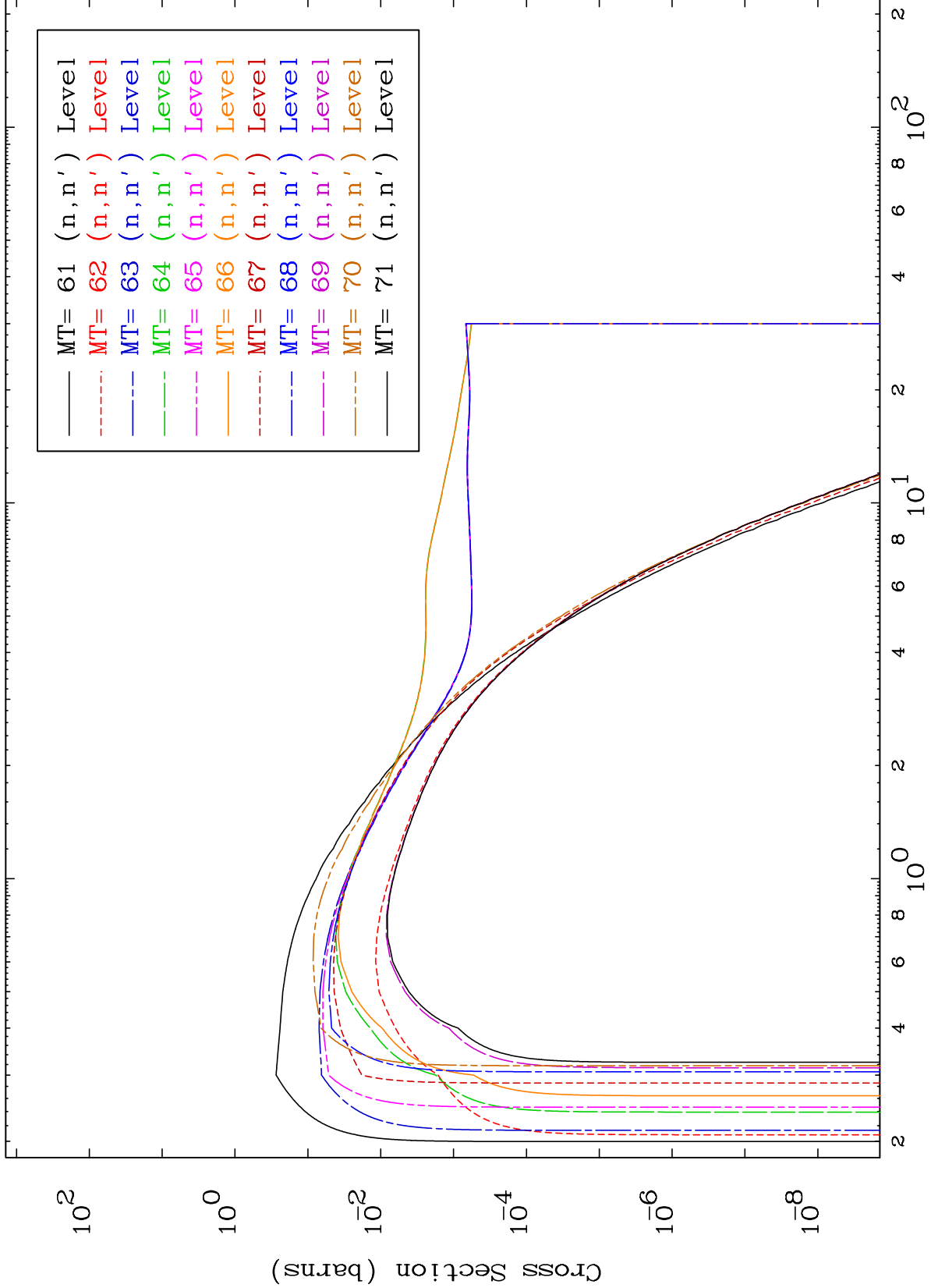


MAT 7110

(n,n') Level

293 Kelvin Cross Sections

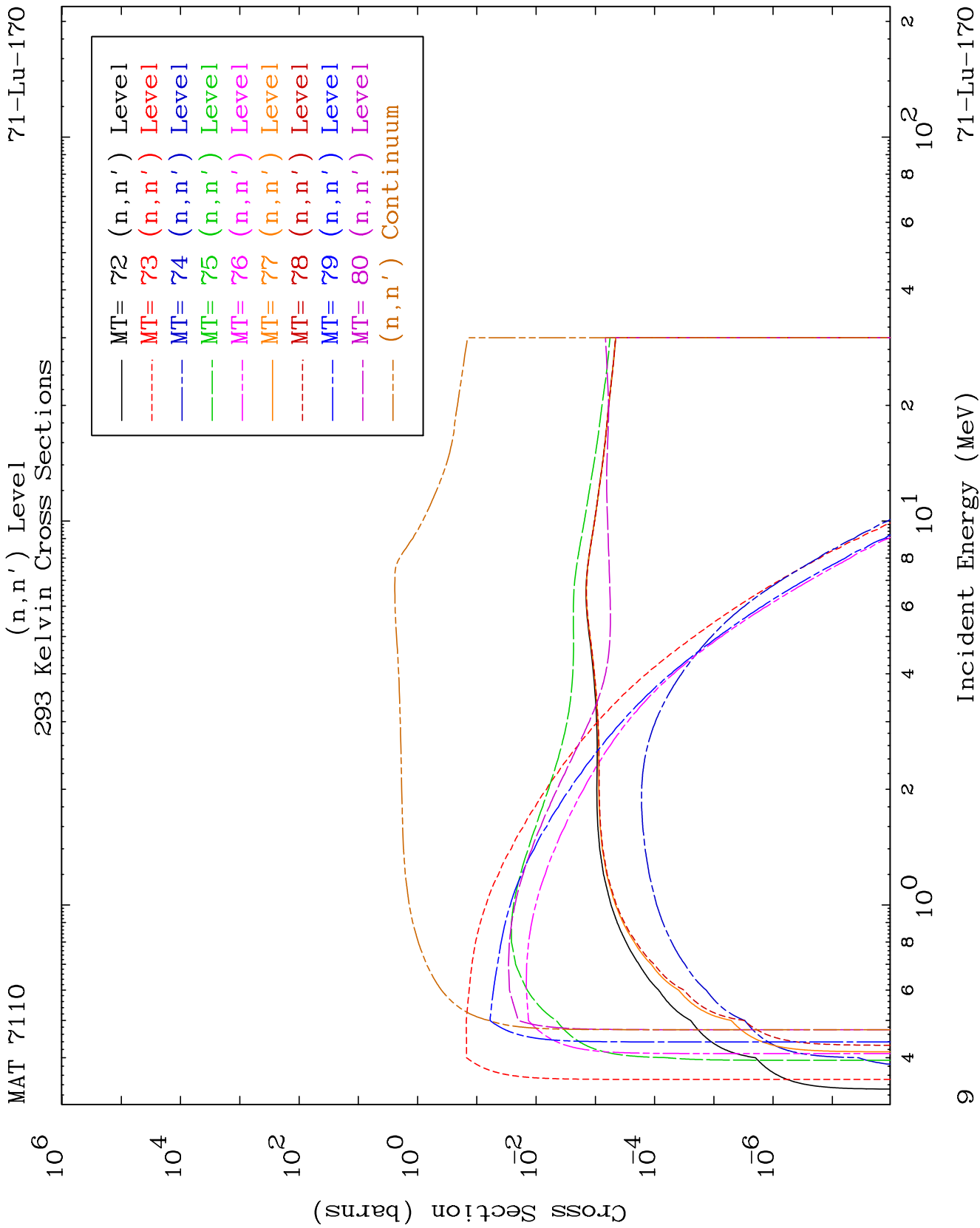
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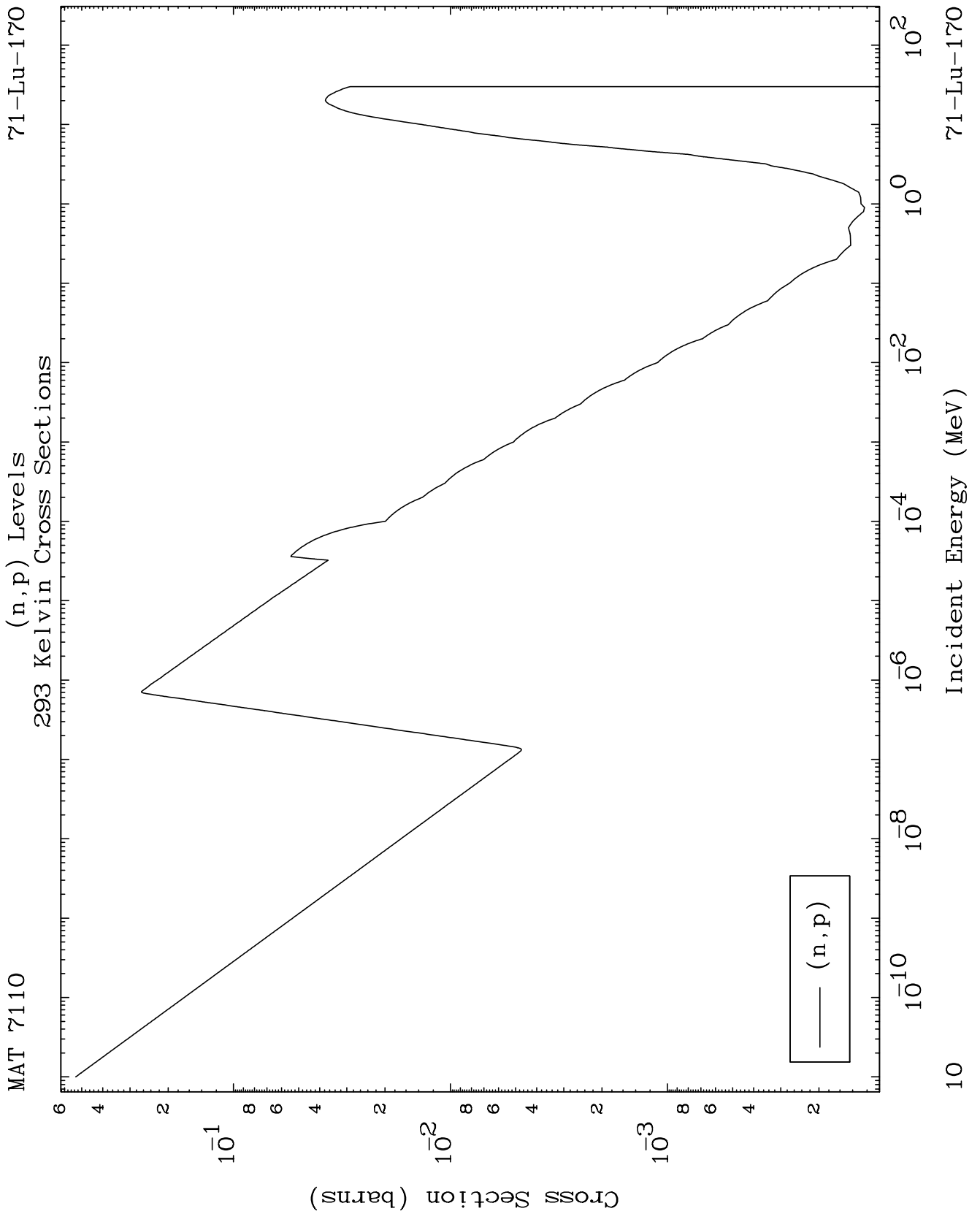


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Incident Energy (MeV)

71-Lu-170

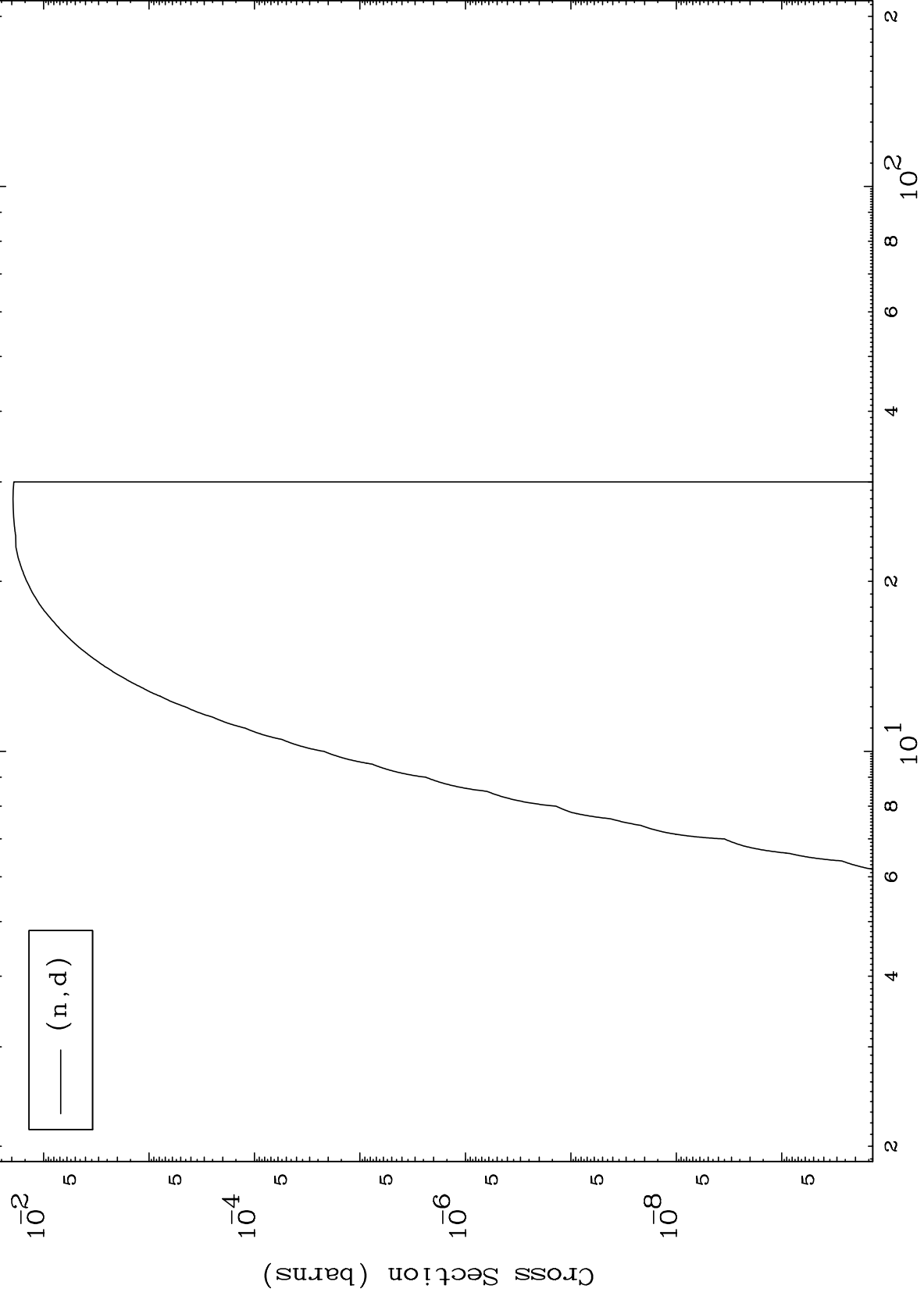


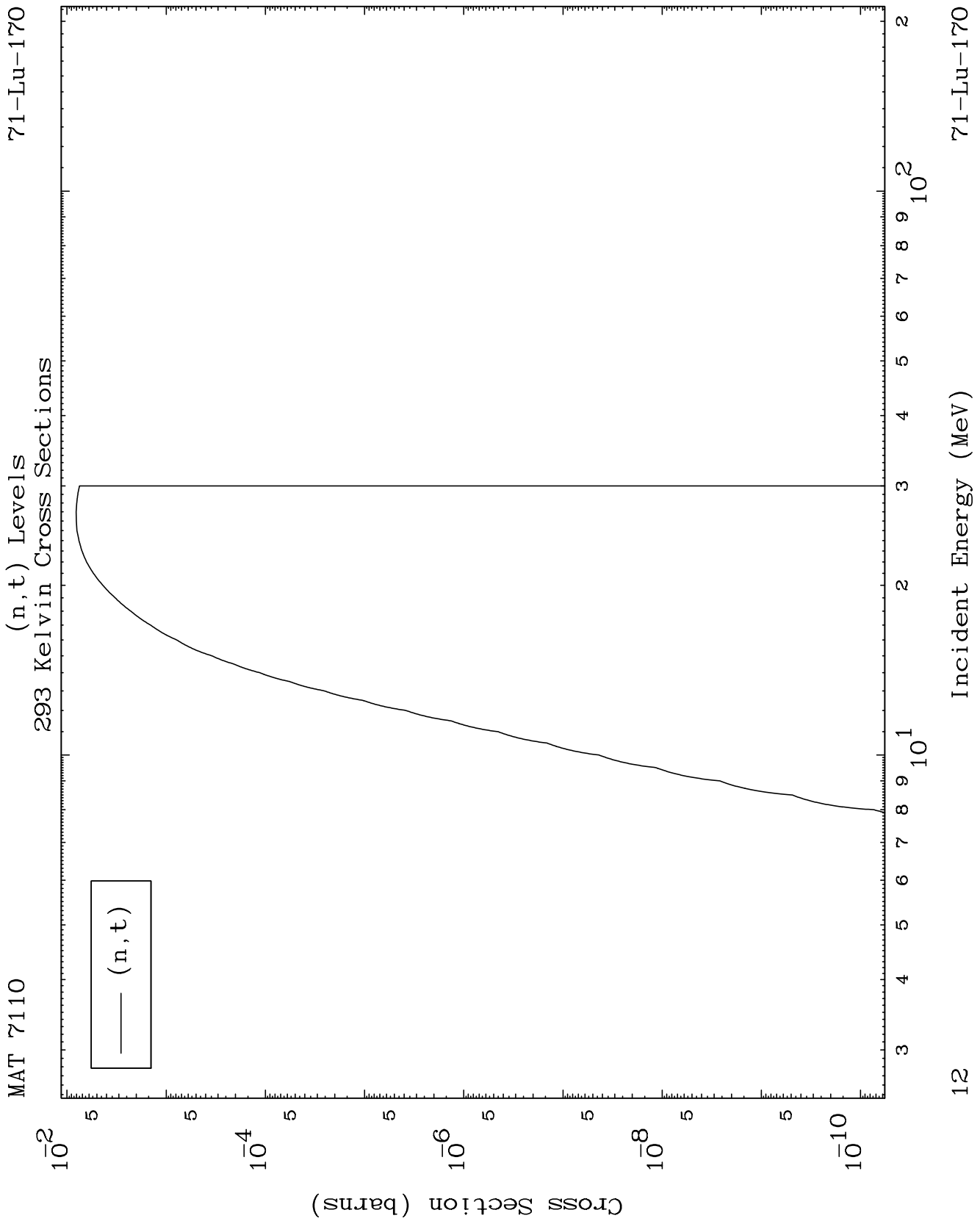


MAT 7110

(n,d) Levels  
293 Kelvin Cross Sections

71-Lu-170

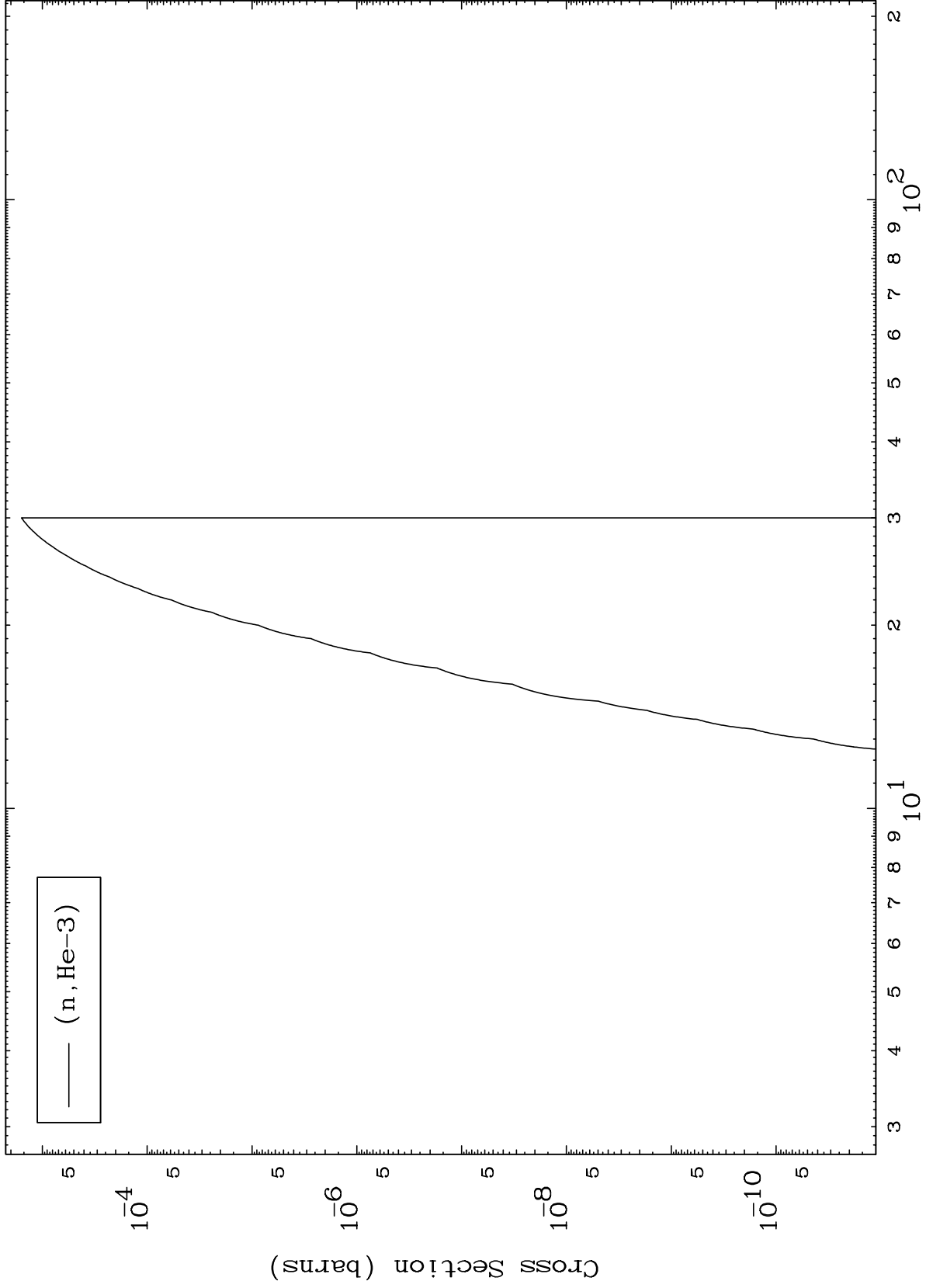




MAT 7110

(n,He3) Levels  
293 Kelvin Cross Sections

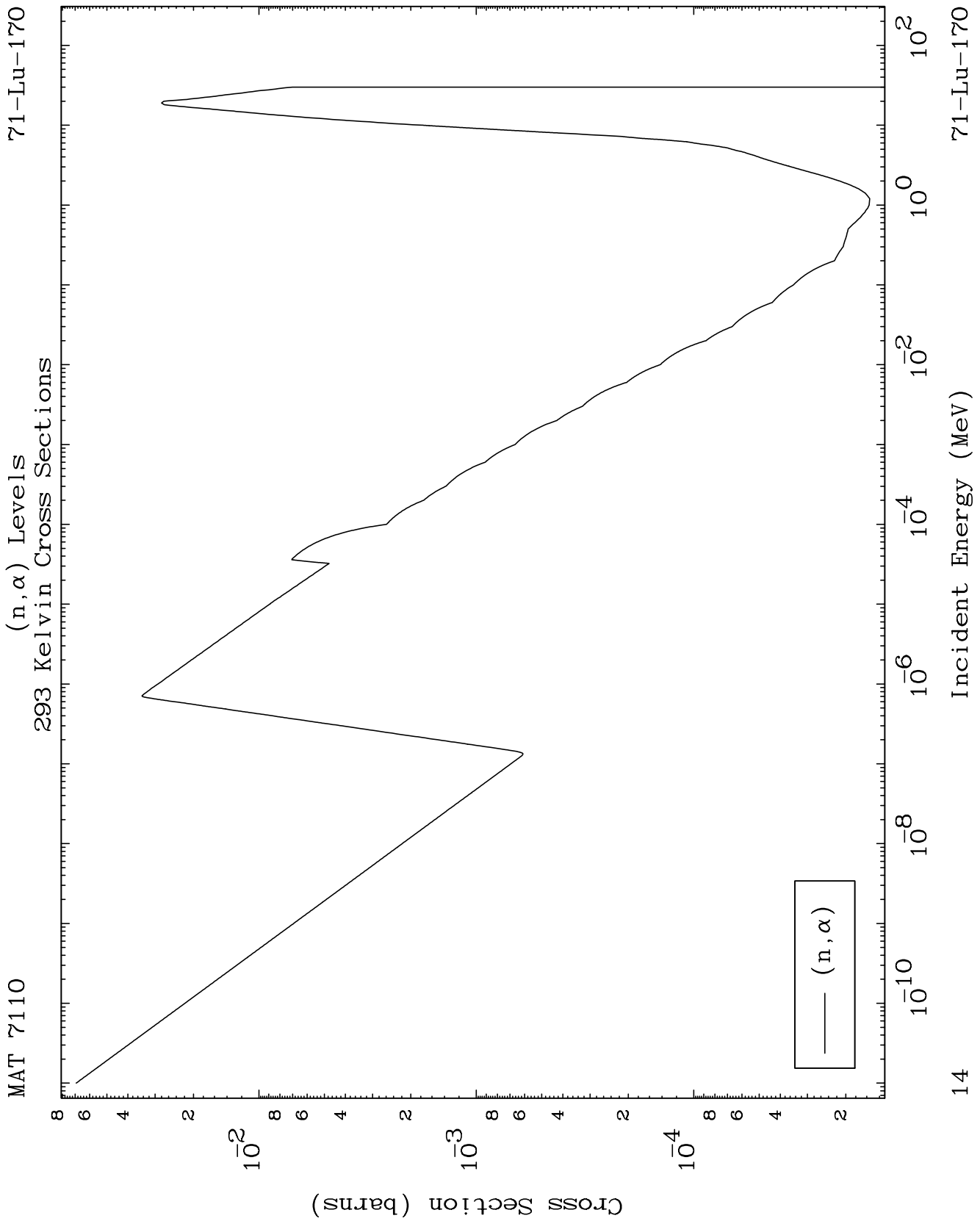
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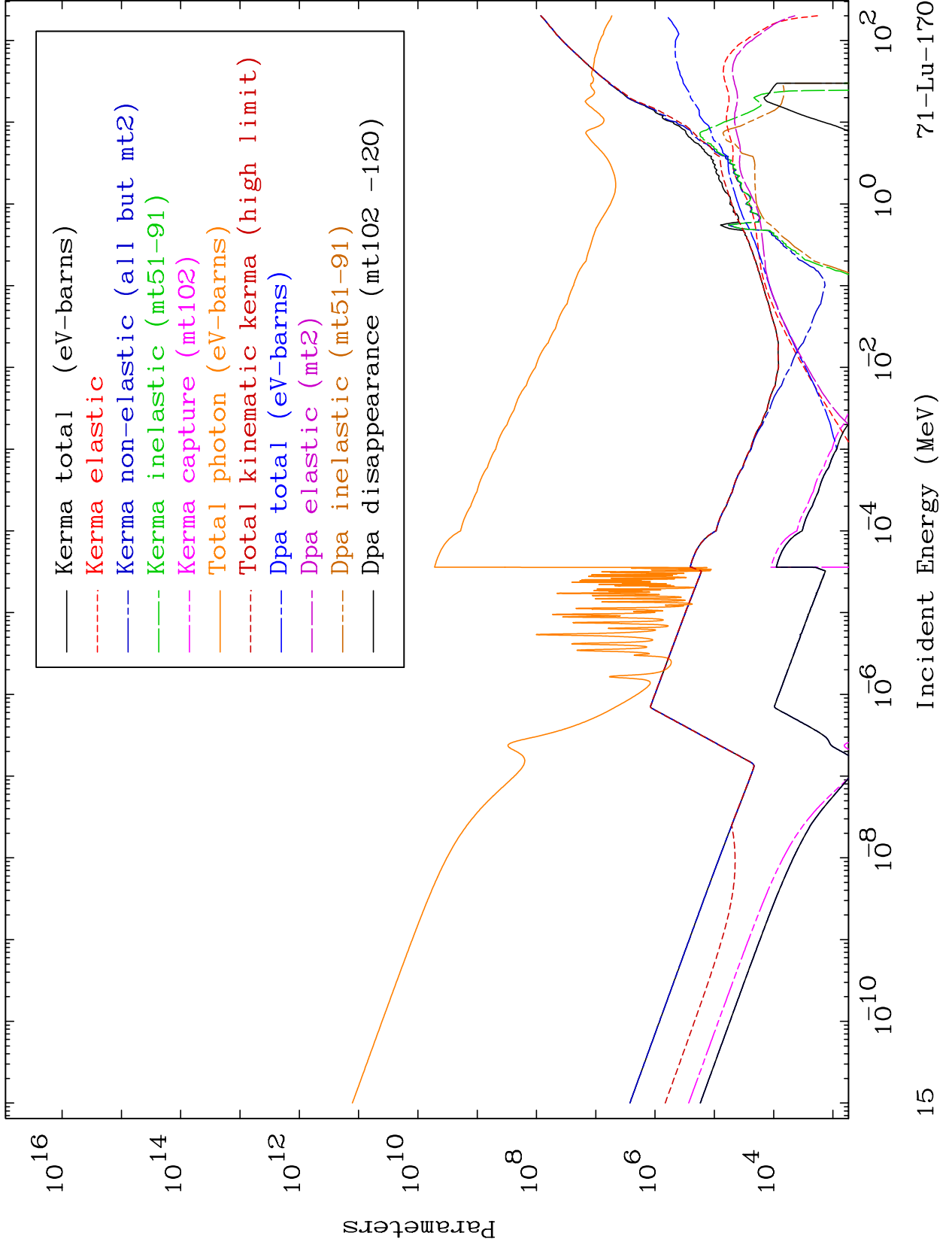


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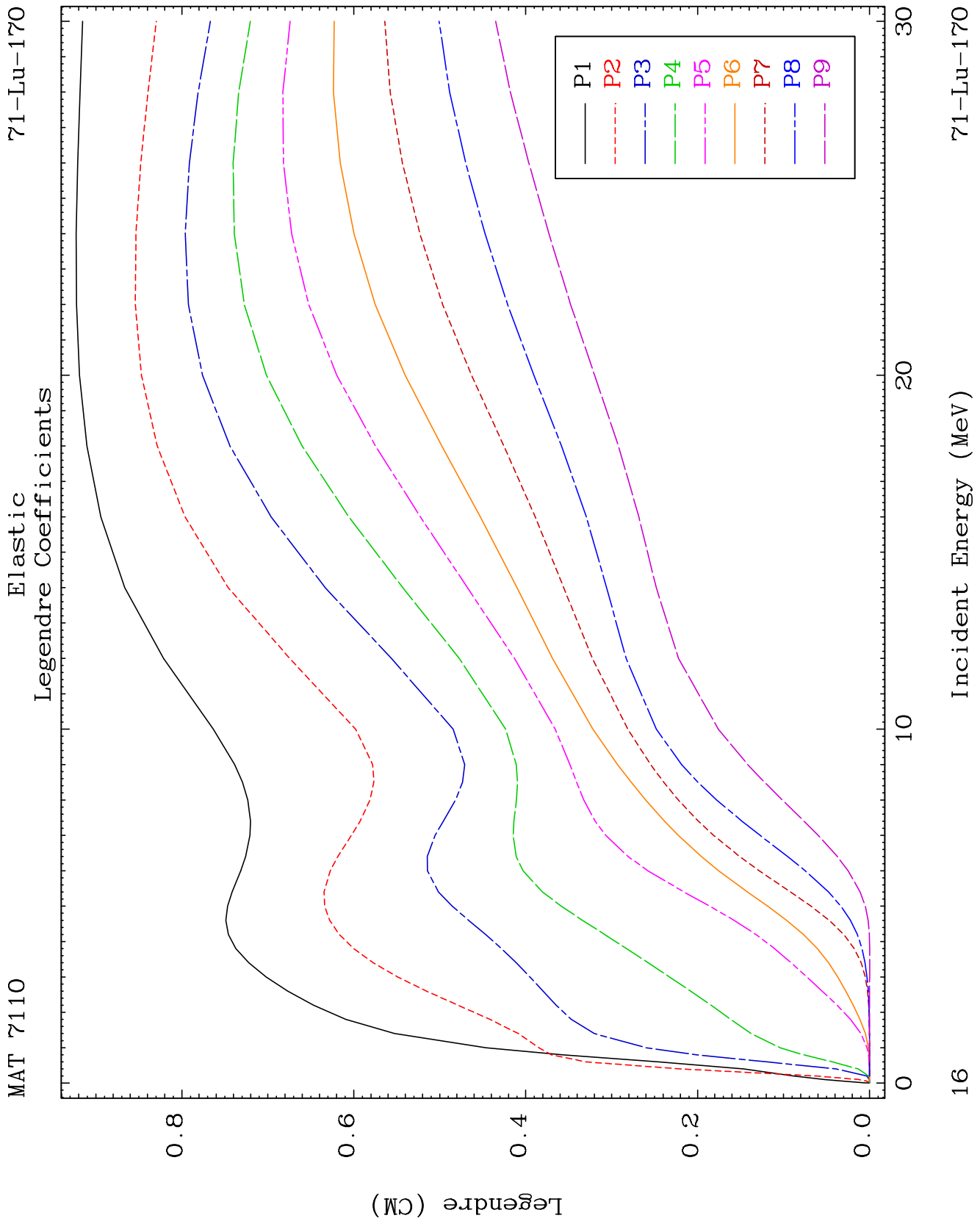
Incident Energy (MeV)

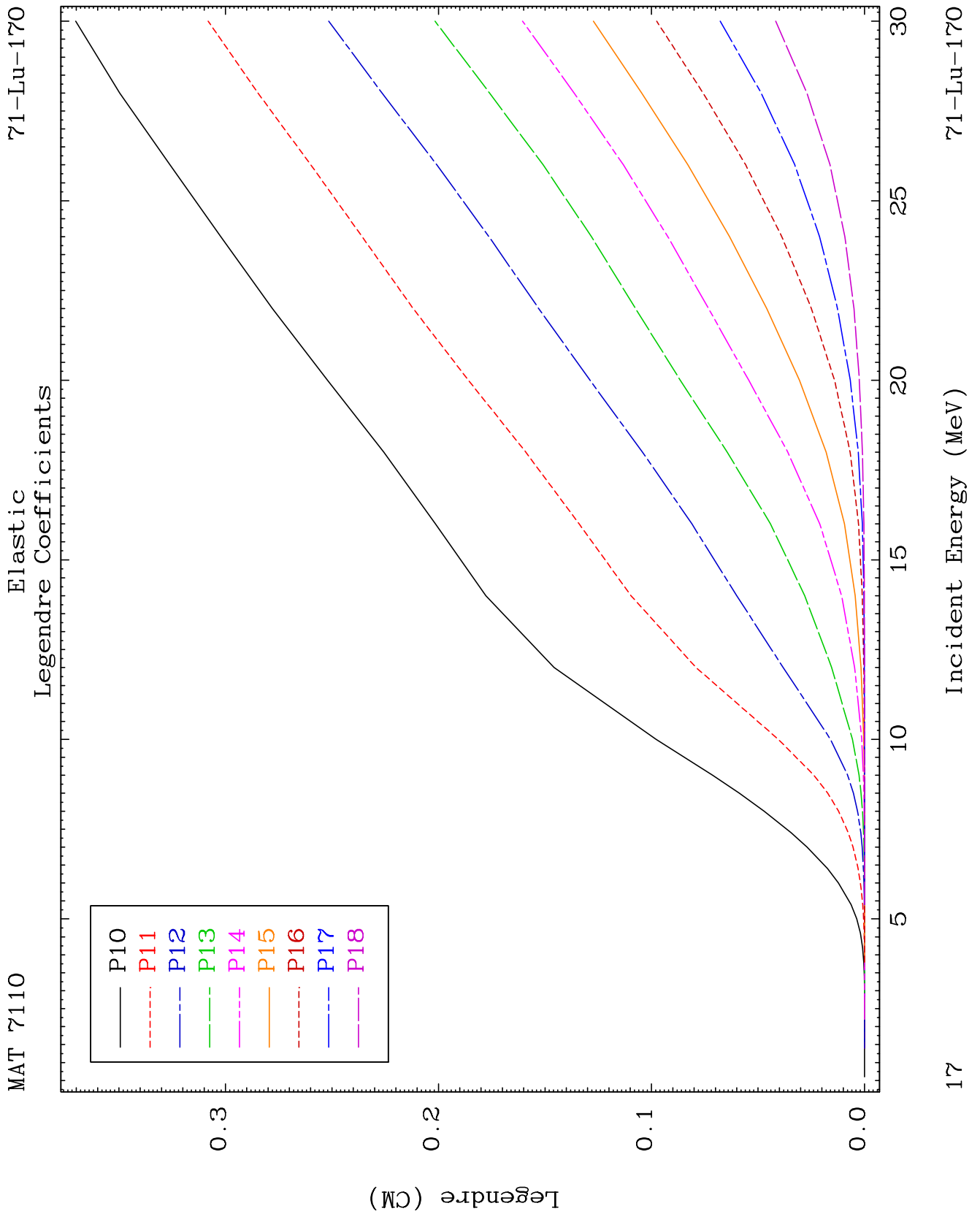
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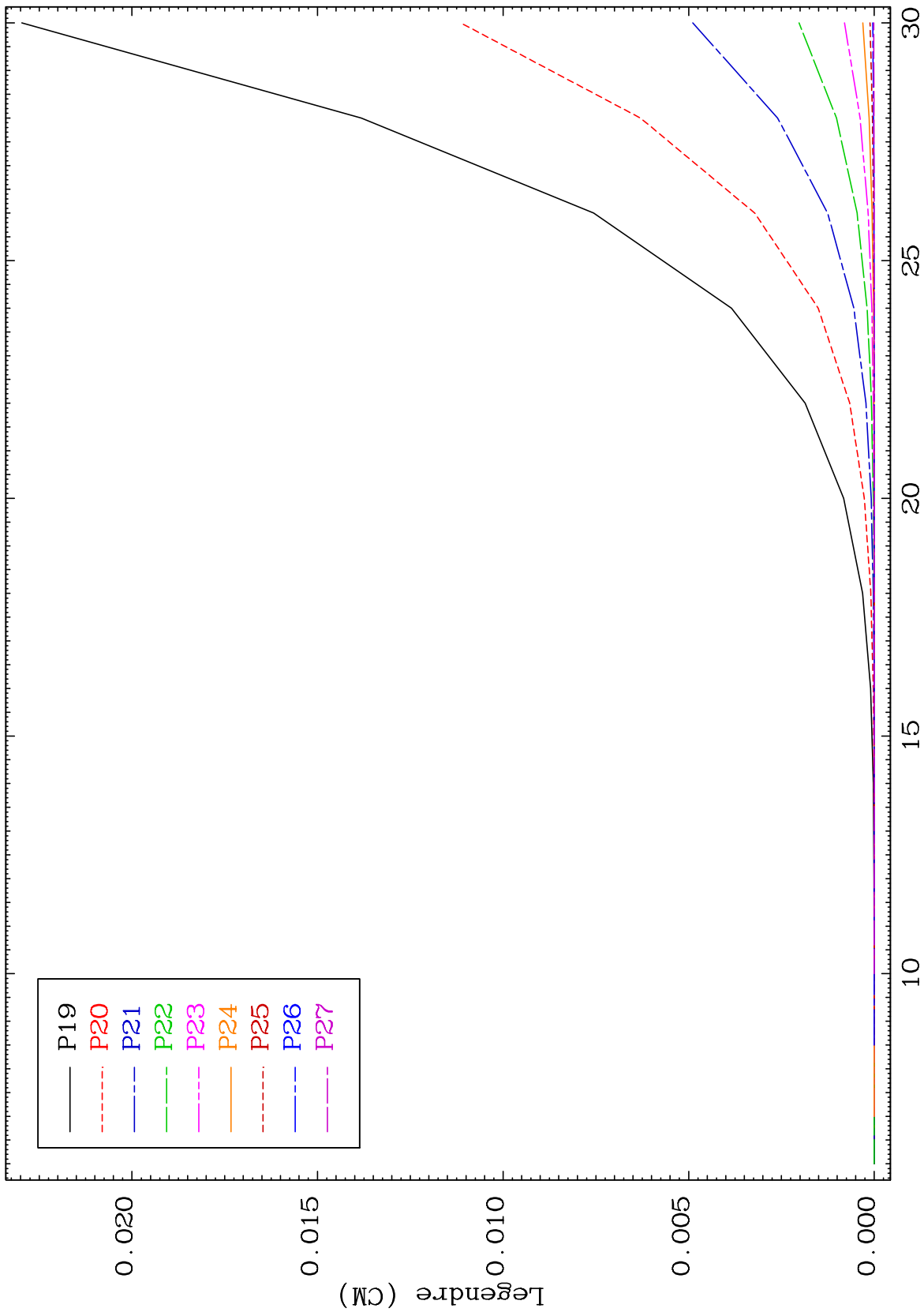




MAT 7110

Elastic  
Legendre Coefficients

71-Lu-170

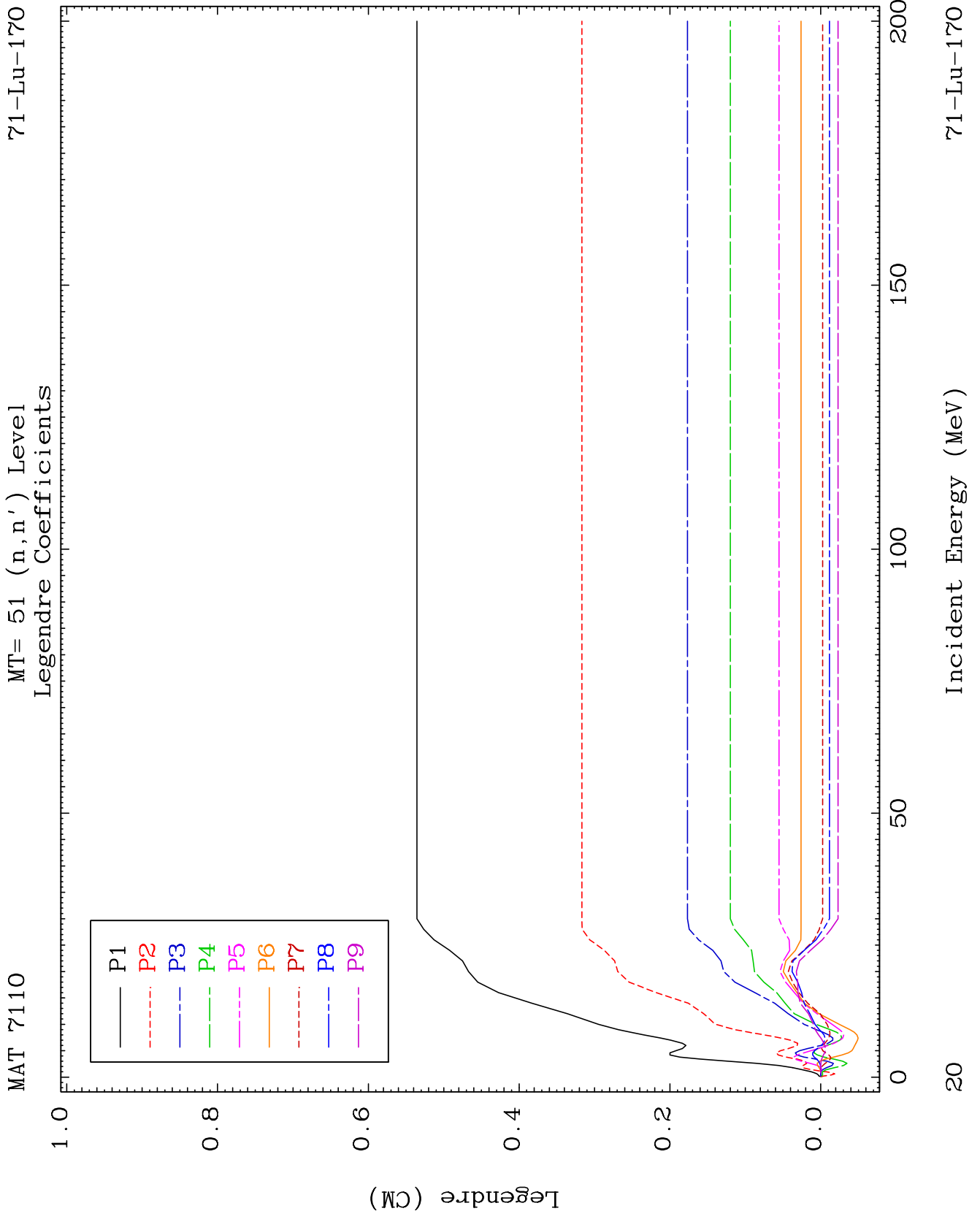


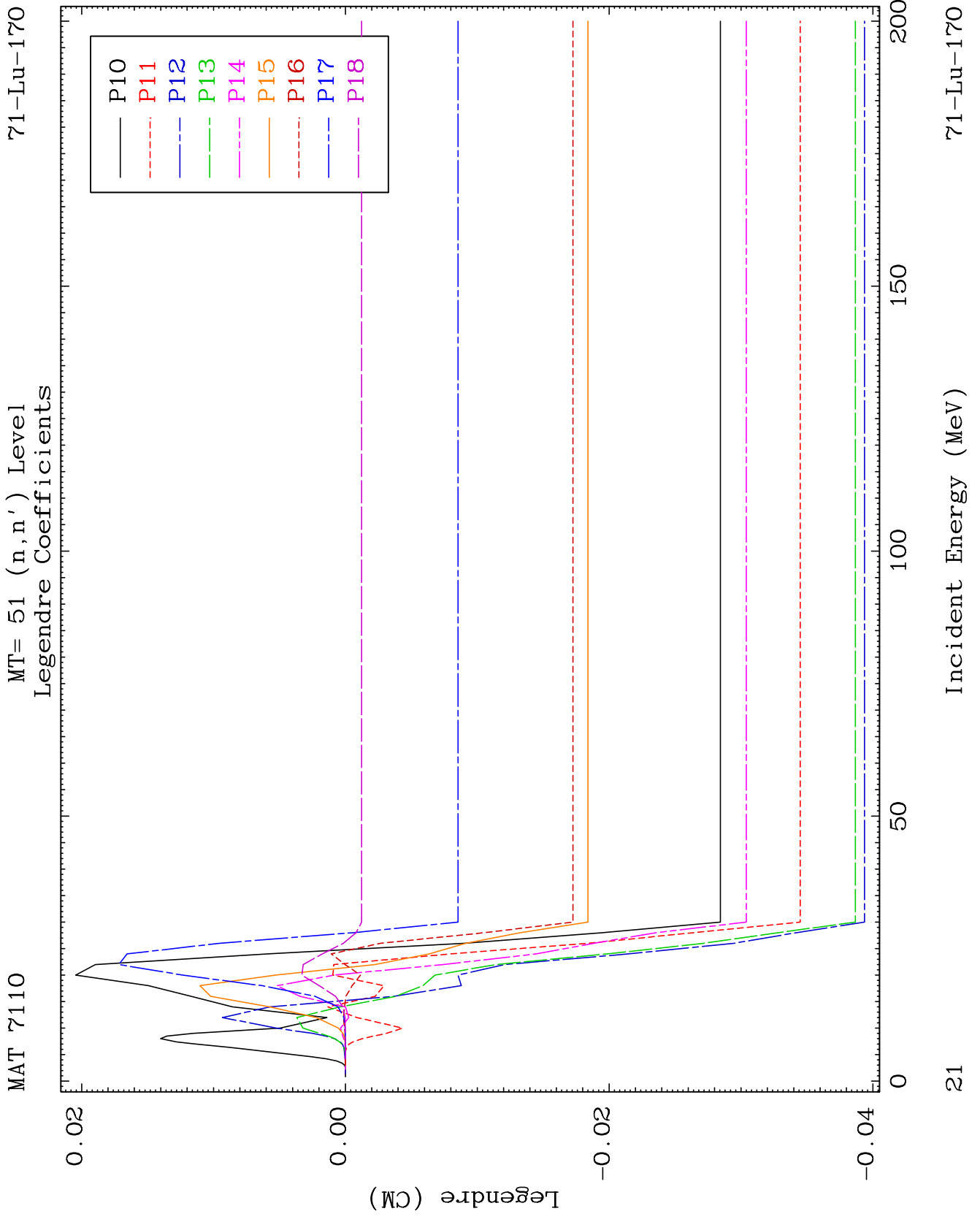
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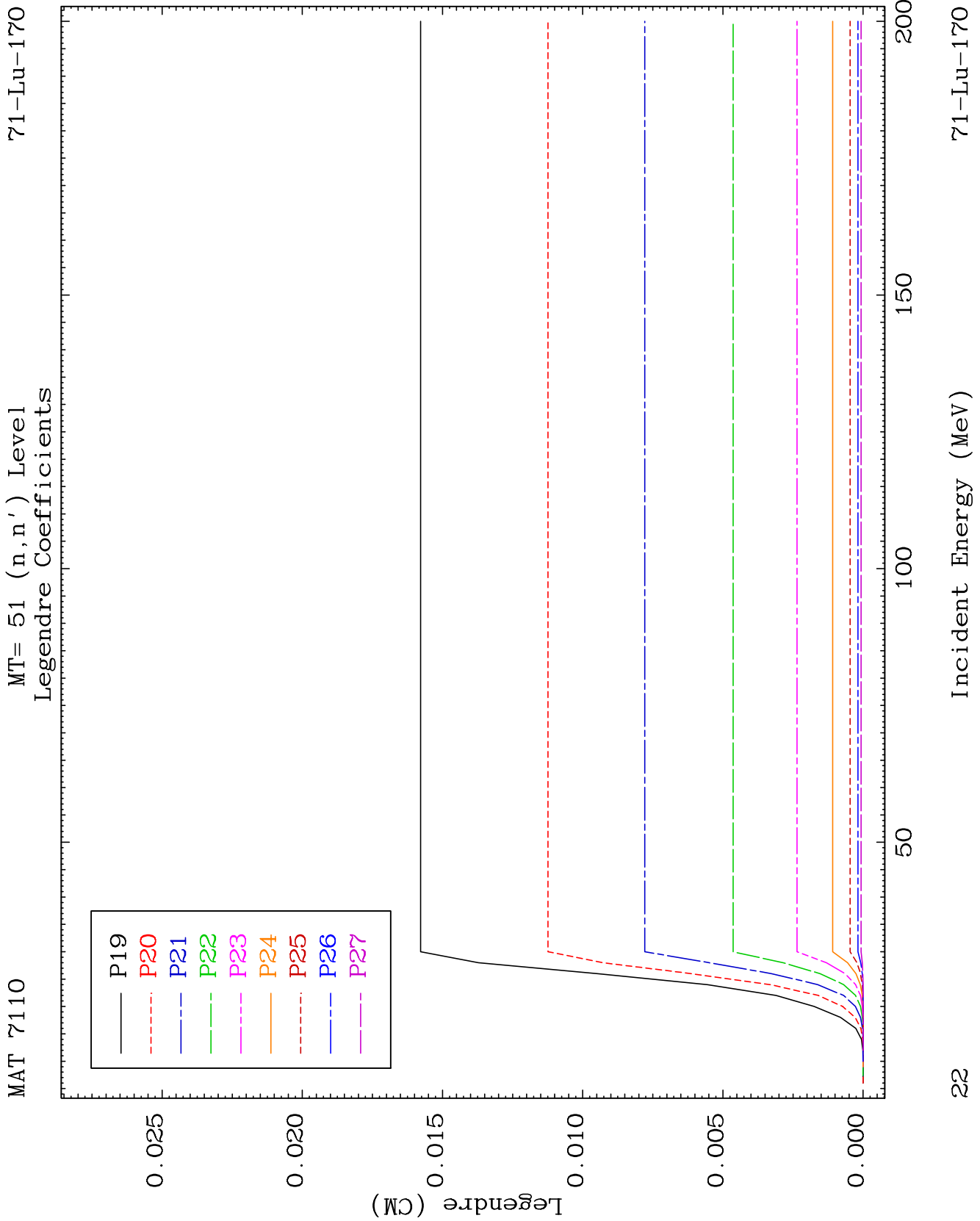
Incident Energy (MeV)

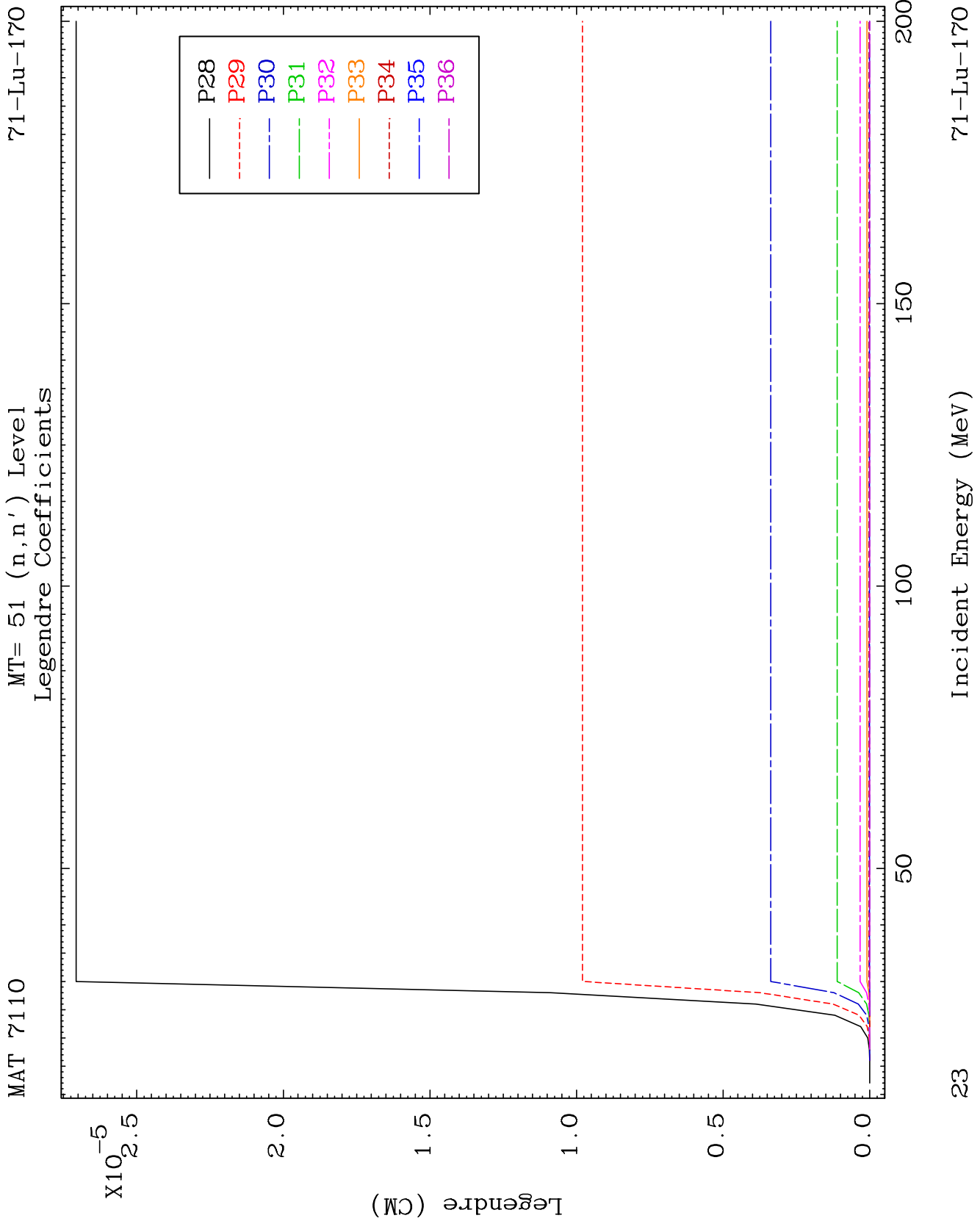
71-Lu-170



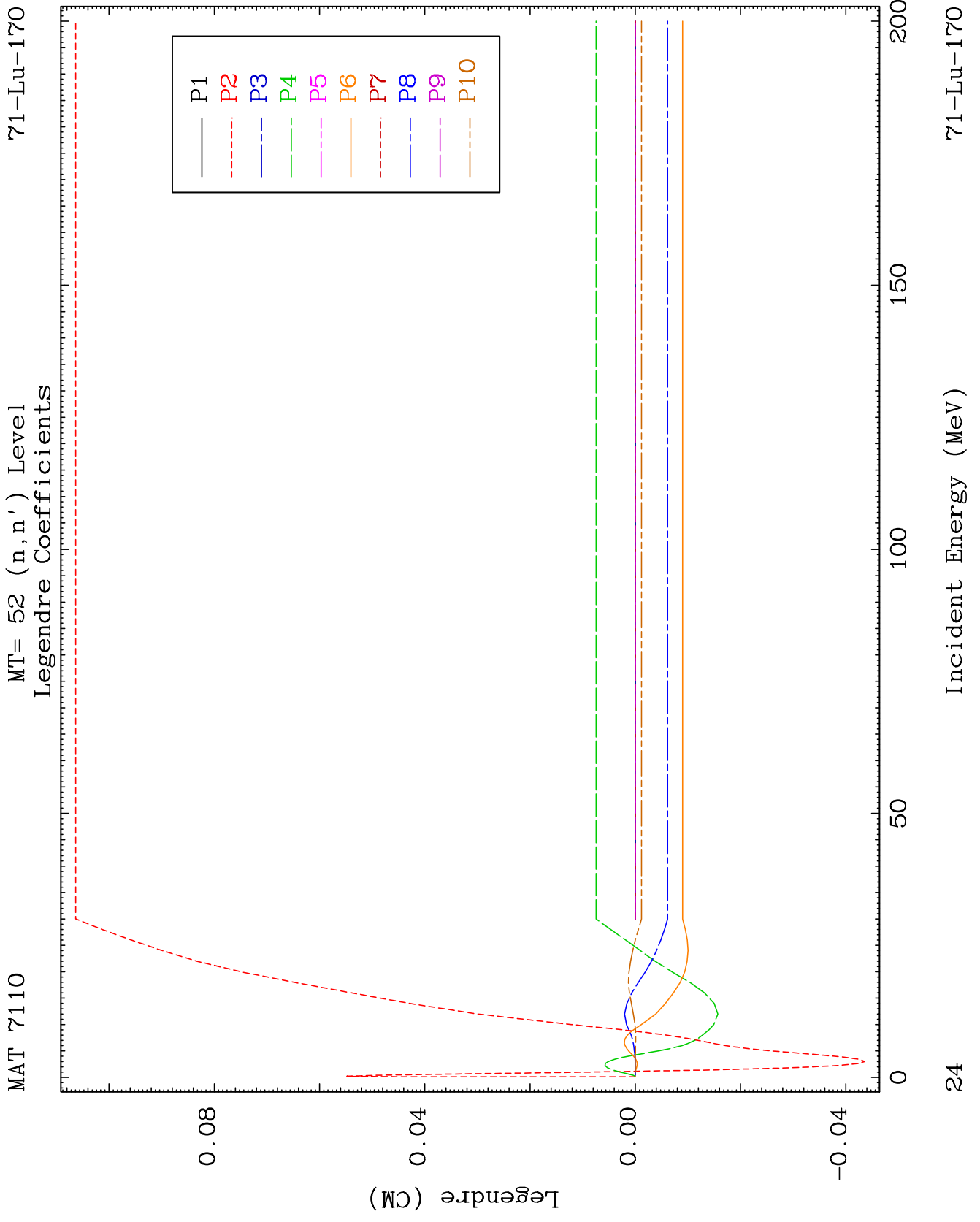


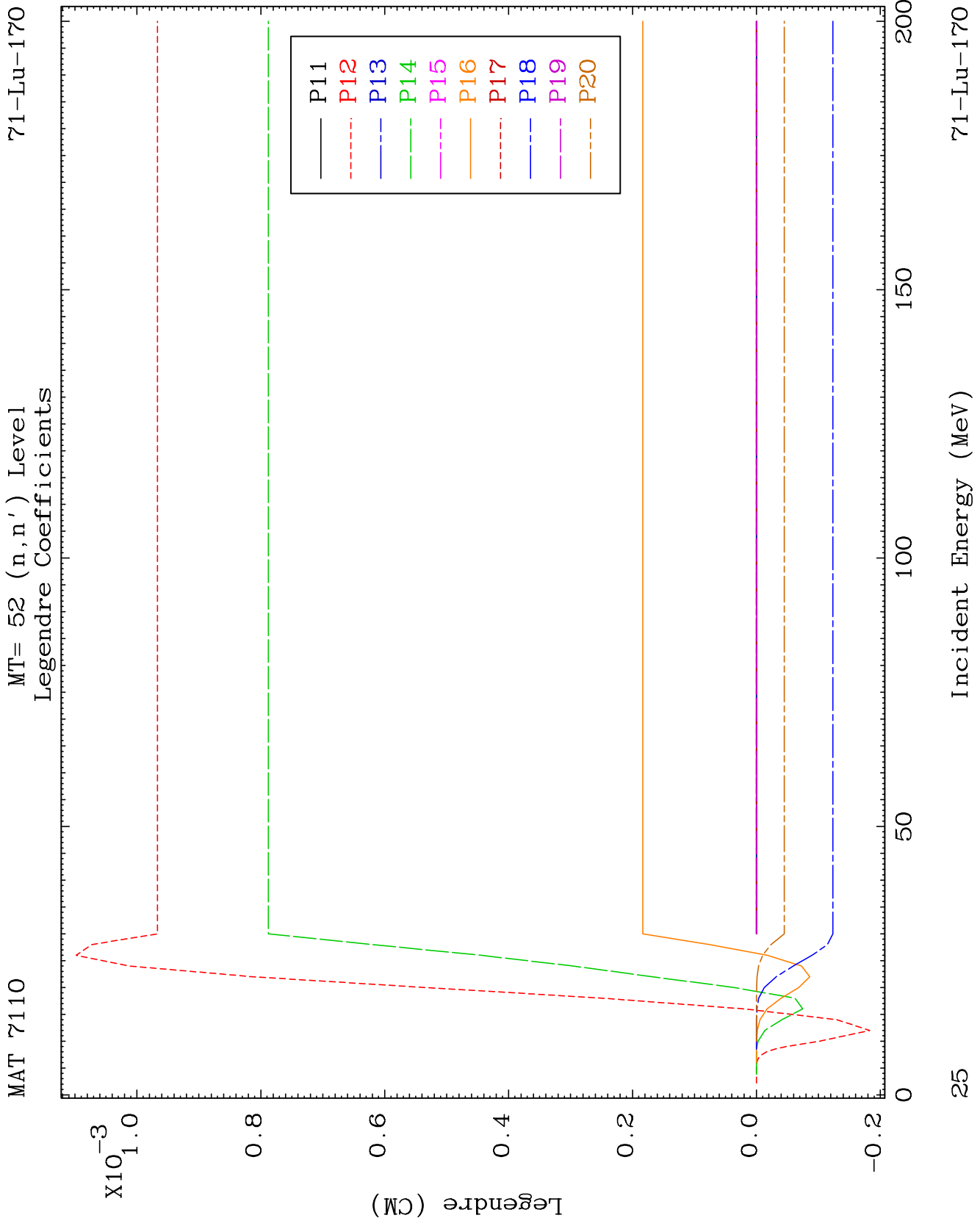


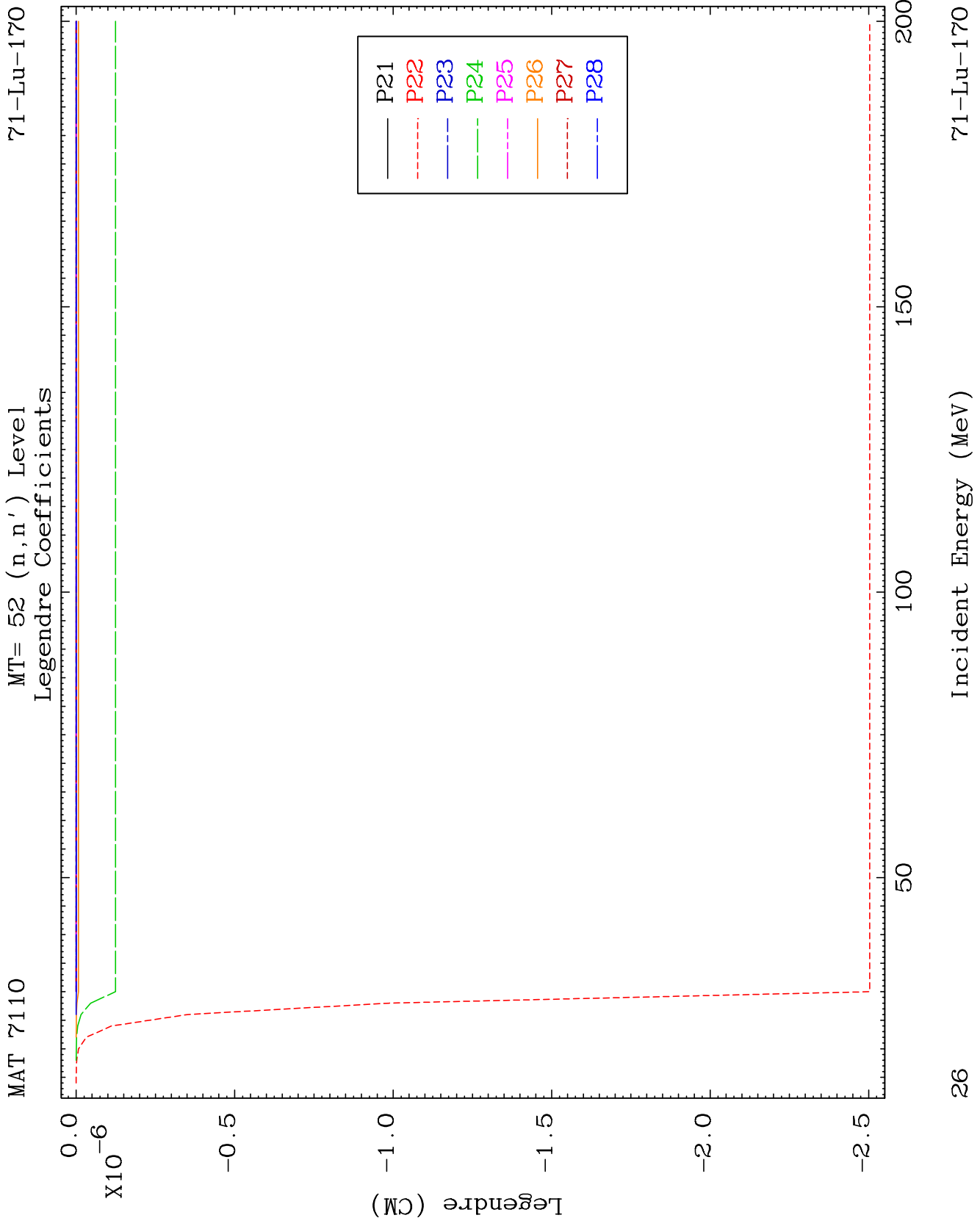




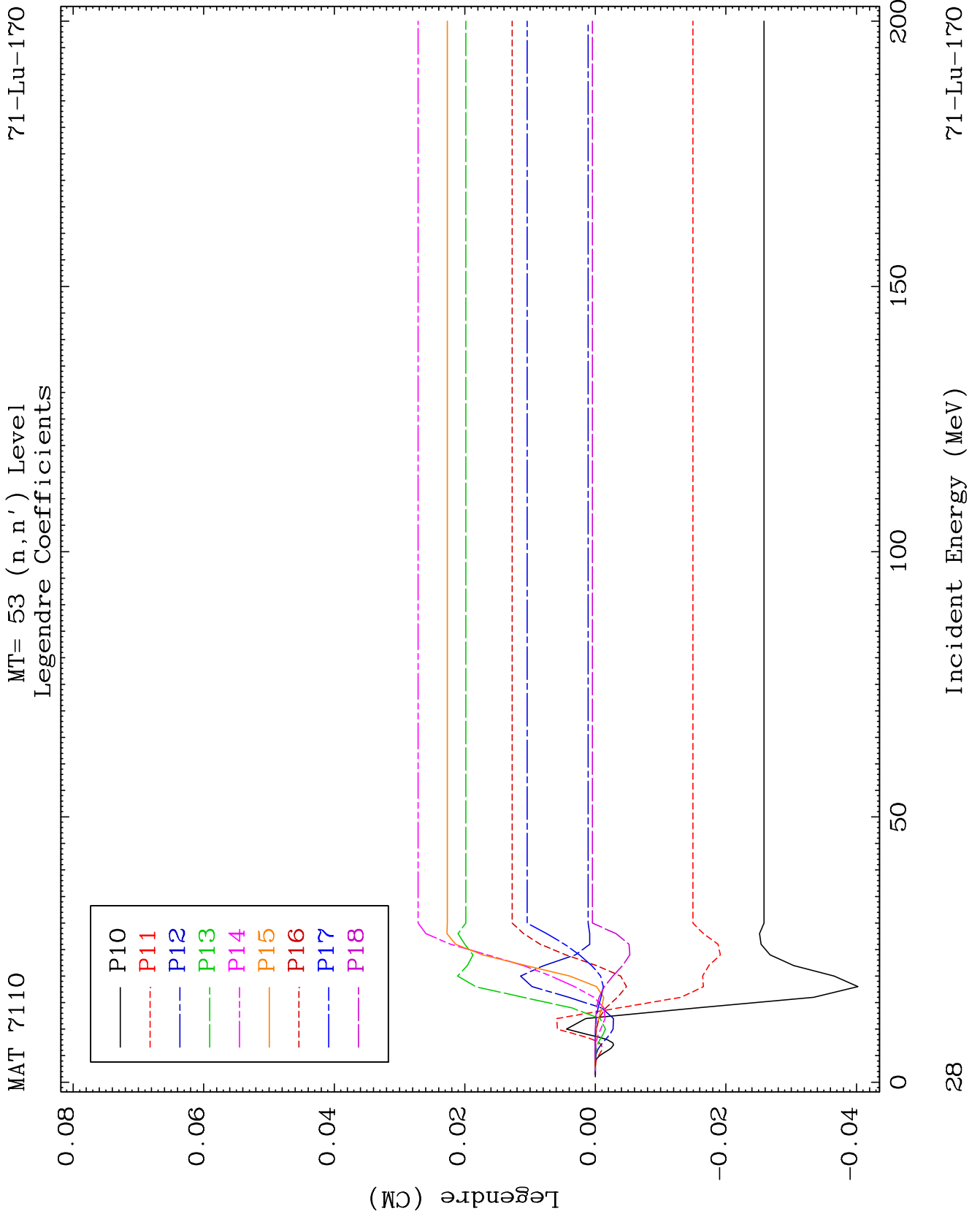








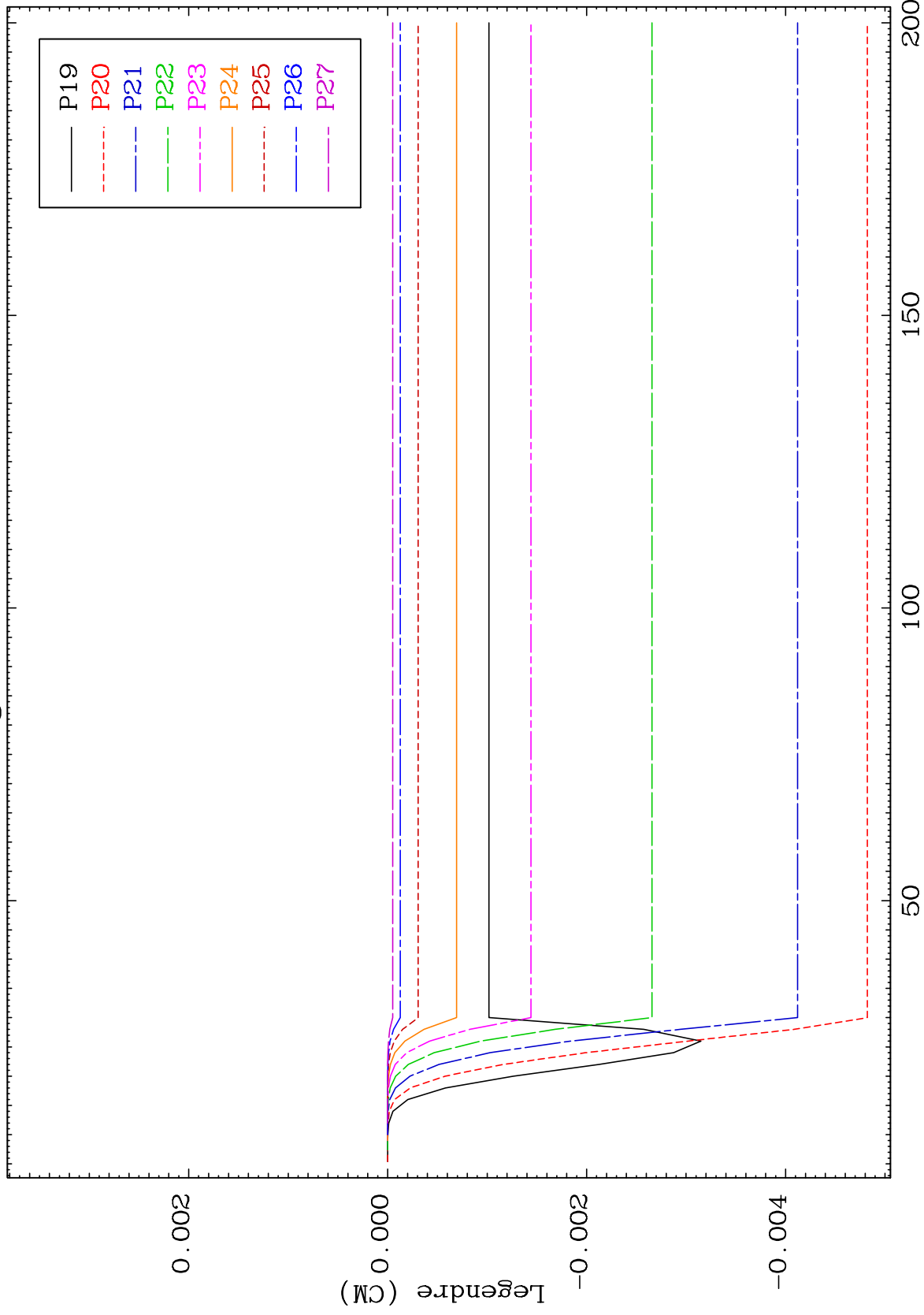




MAT 7110

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

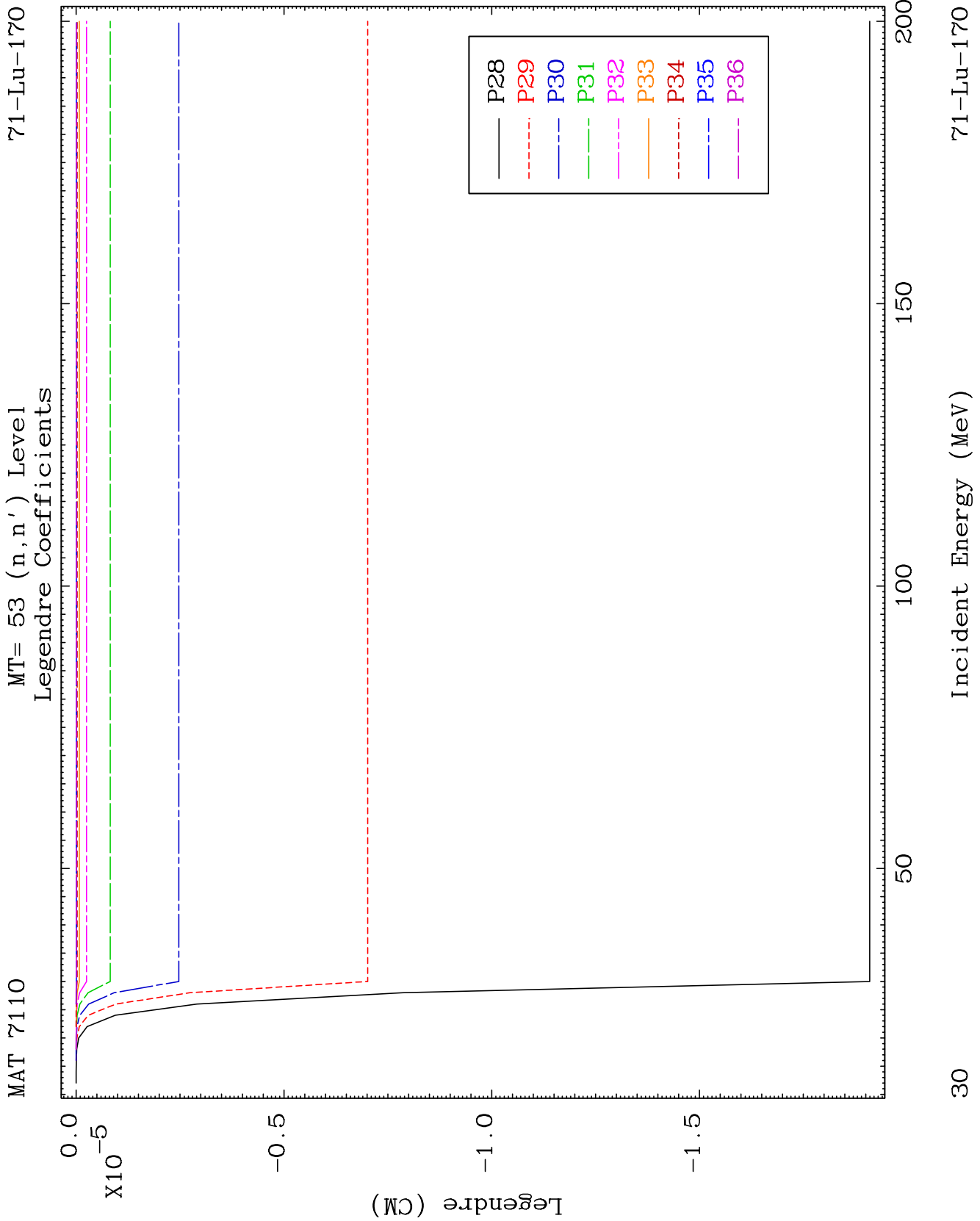
71-Lu-170

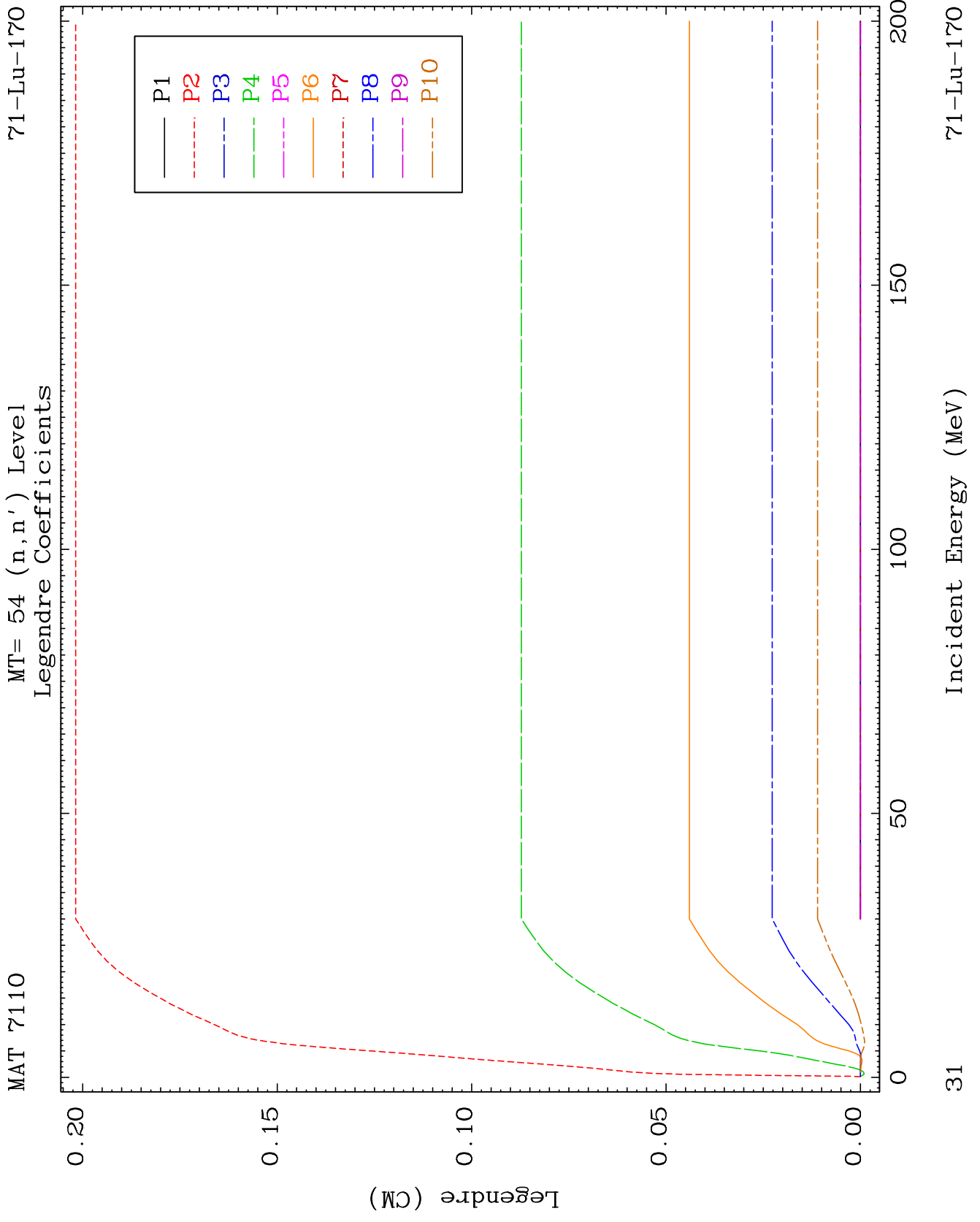


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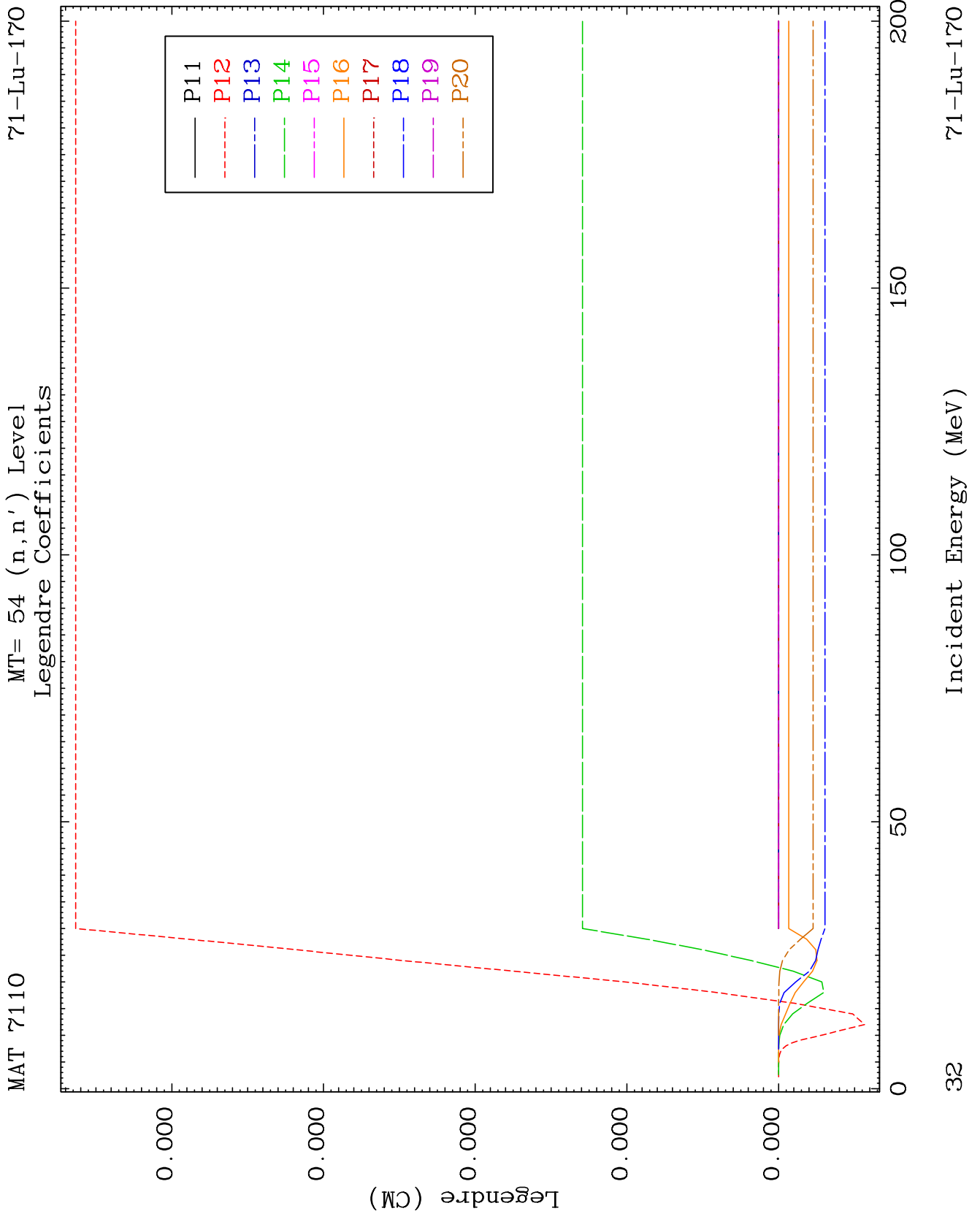
Incident Energy (MeV)

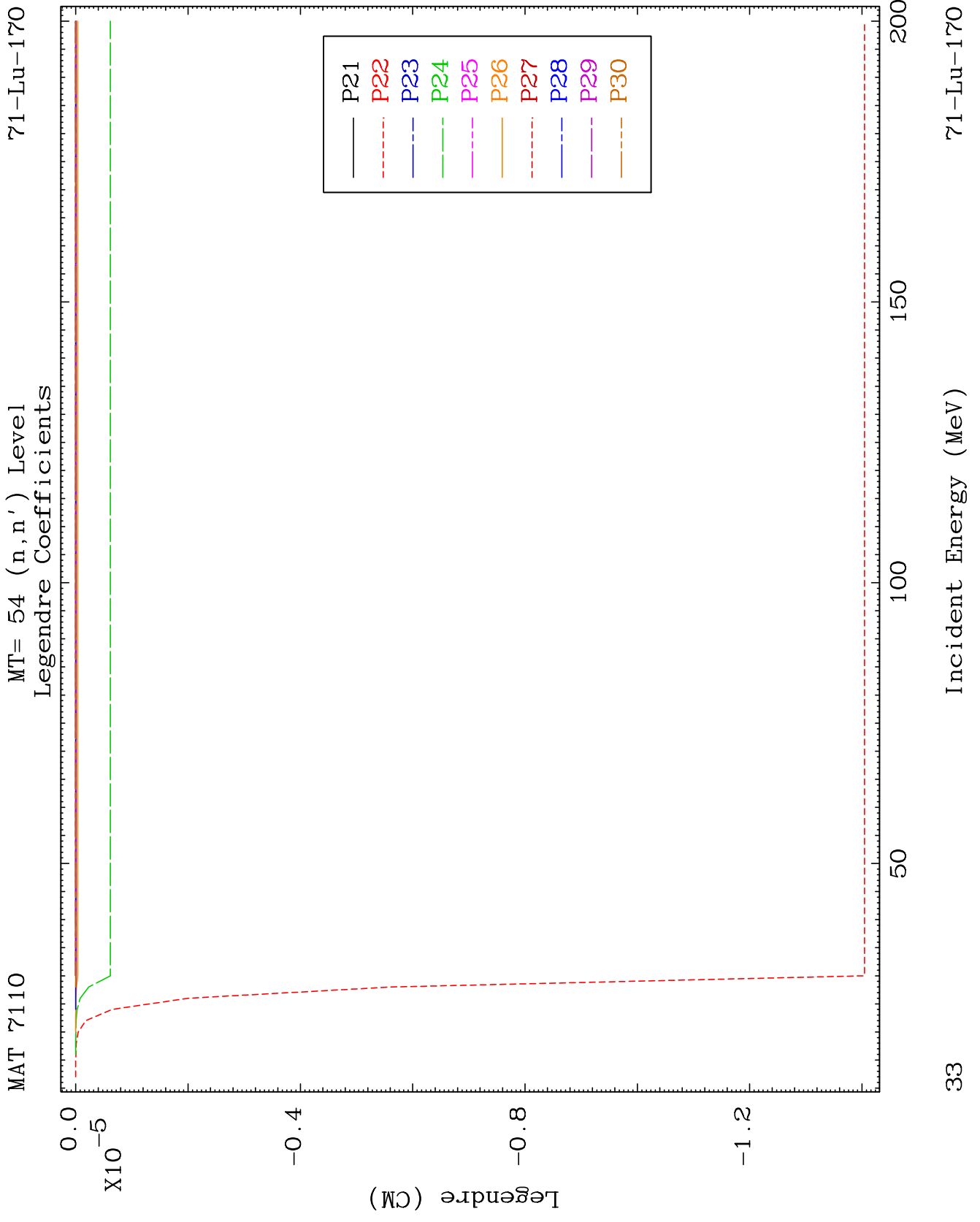
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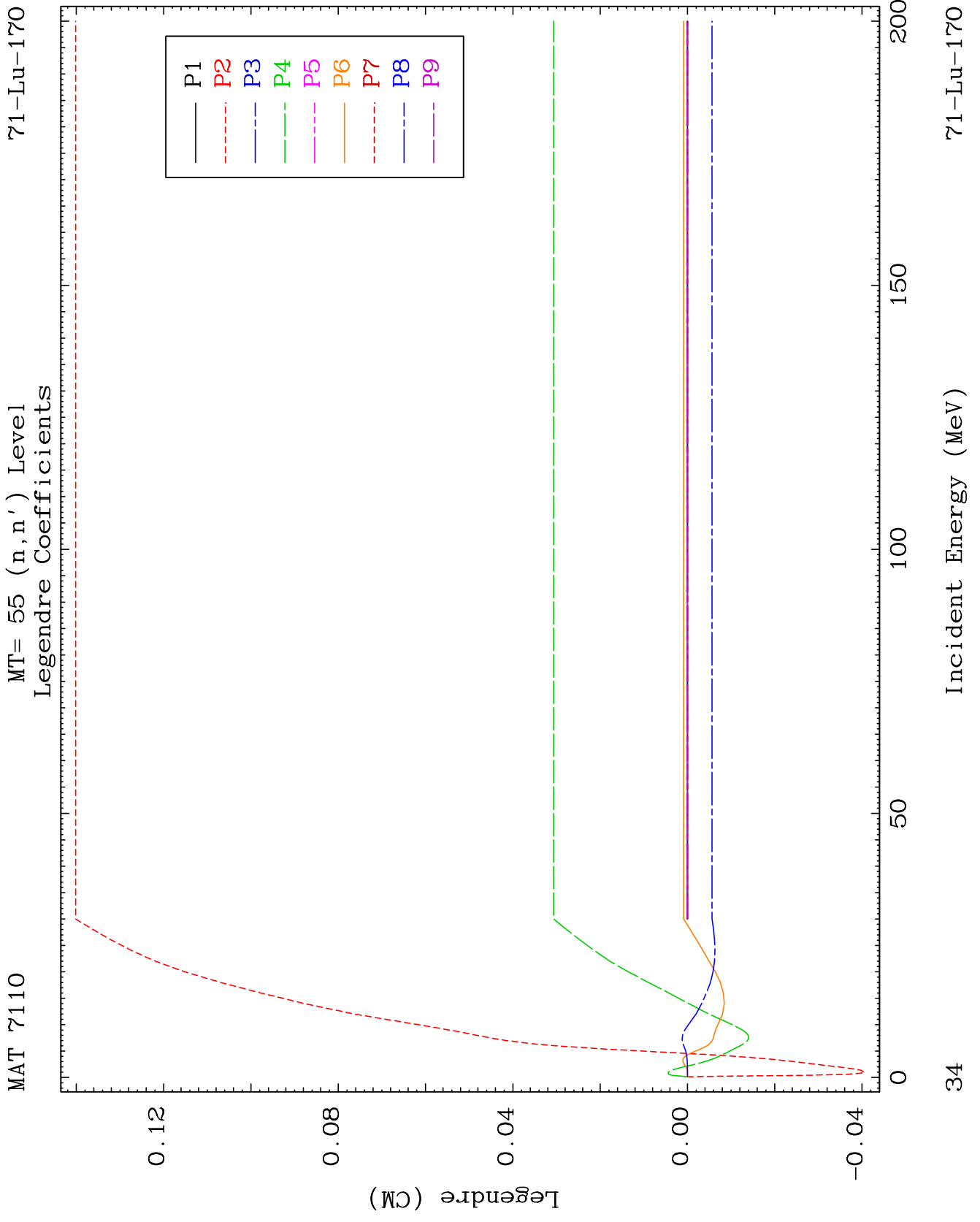


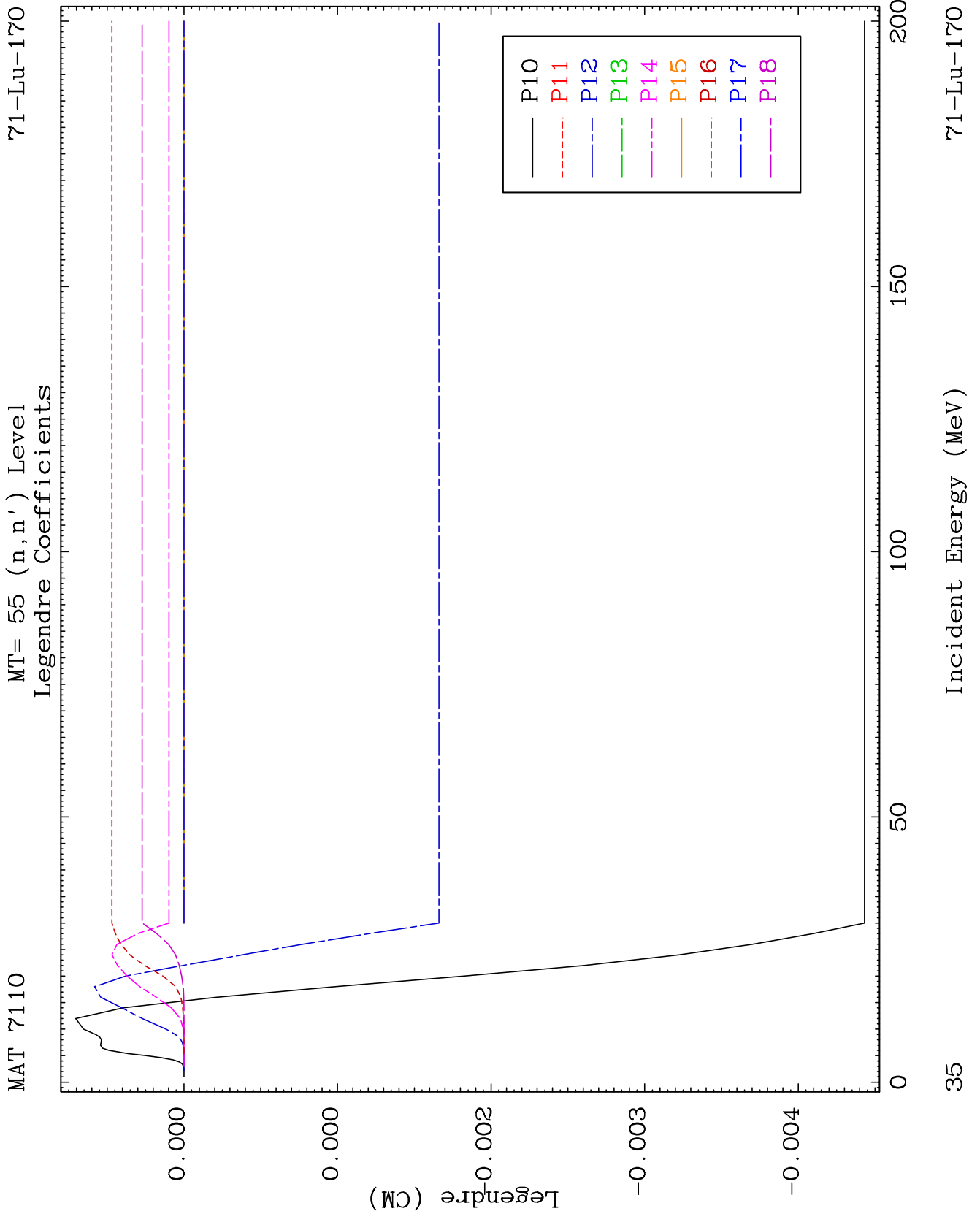


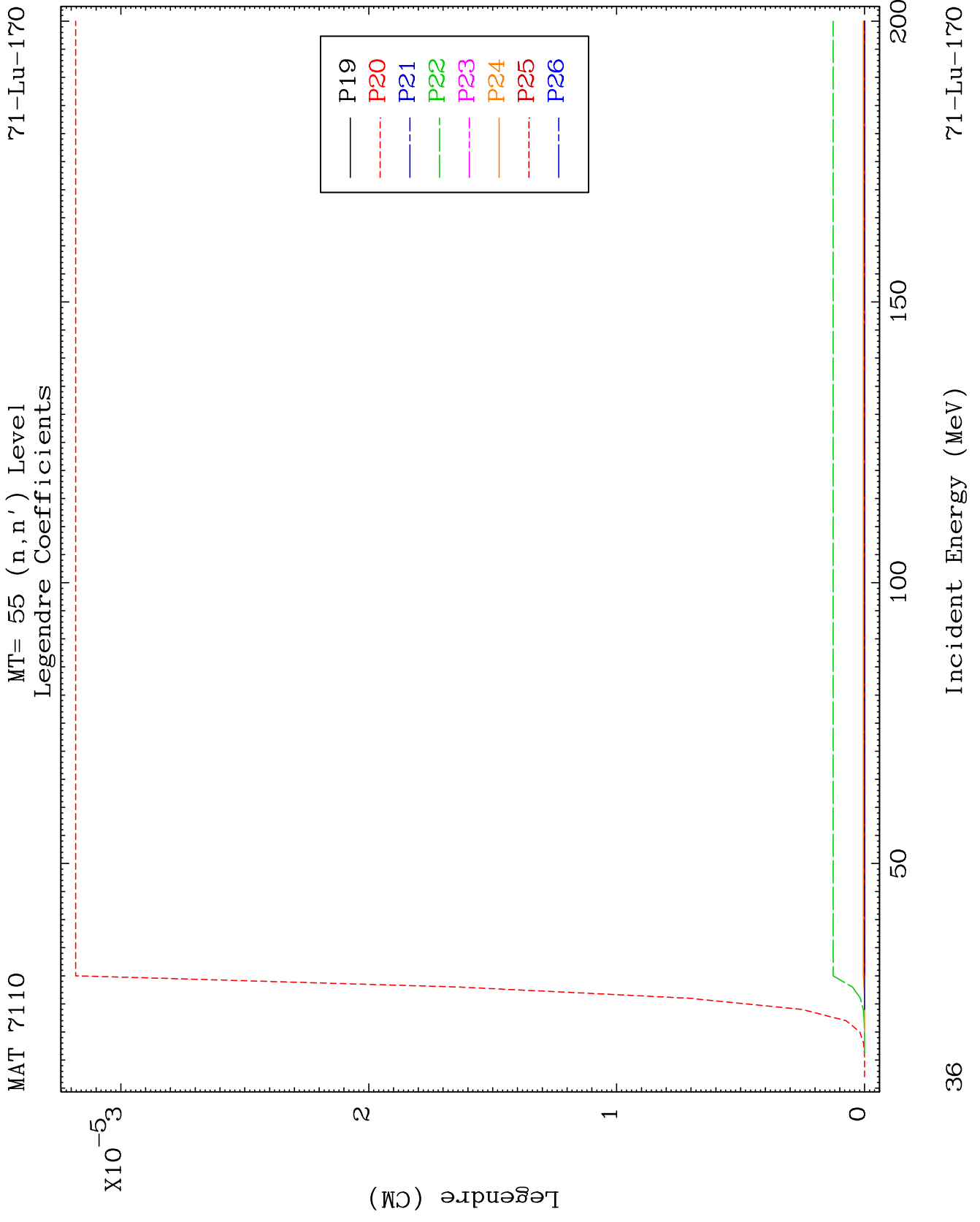




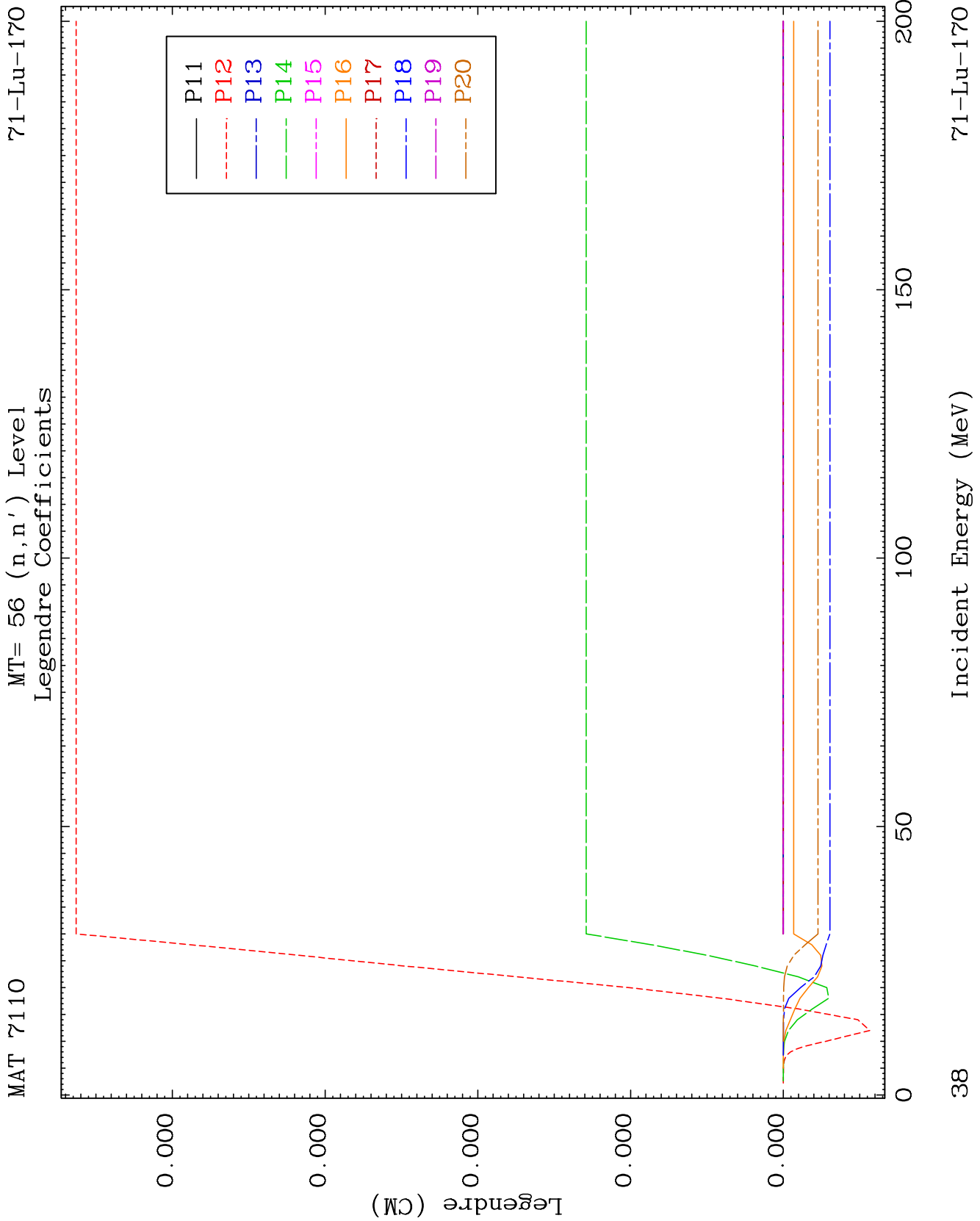


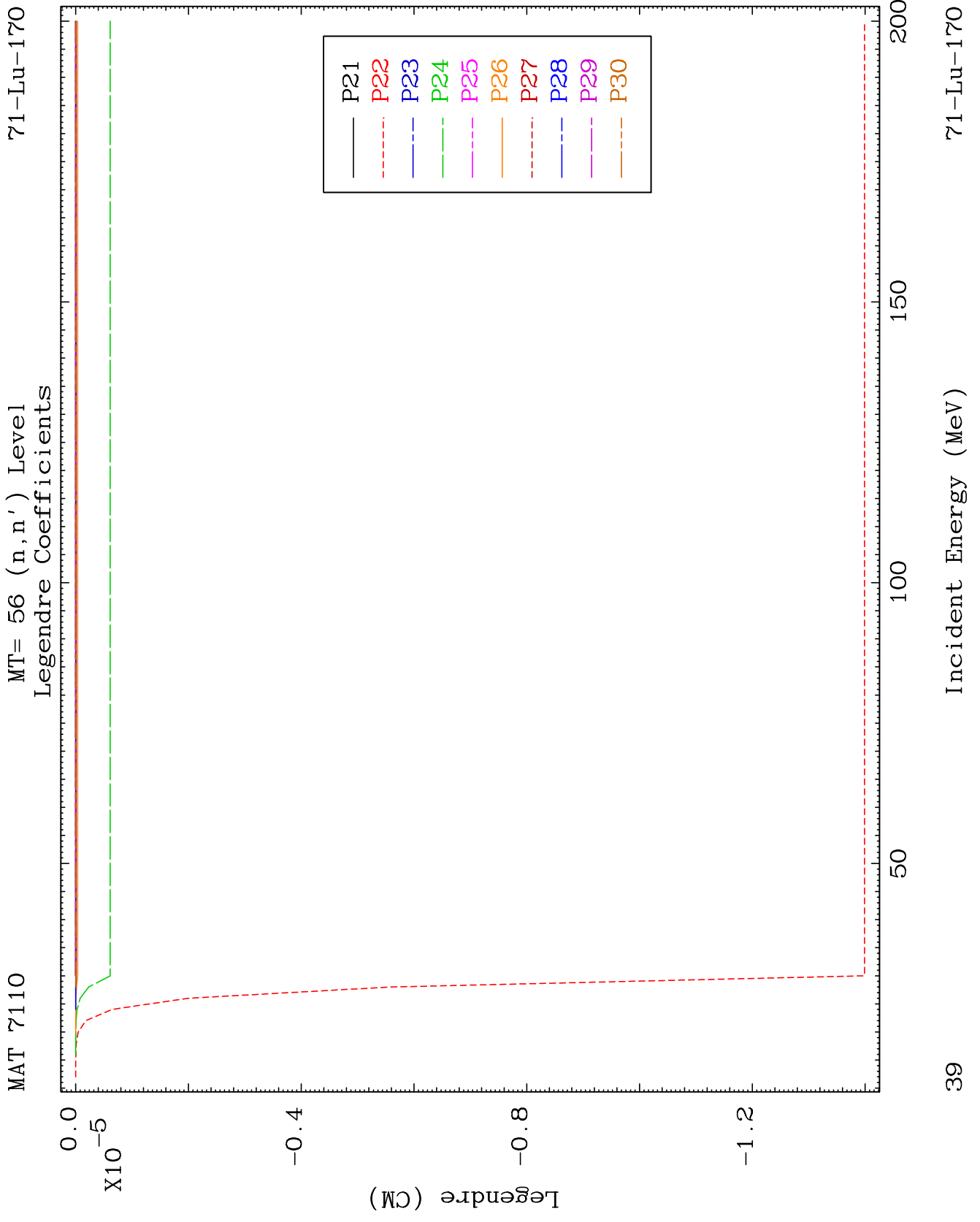




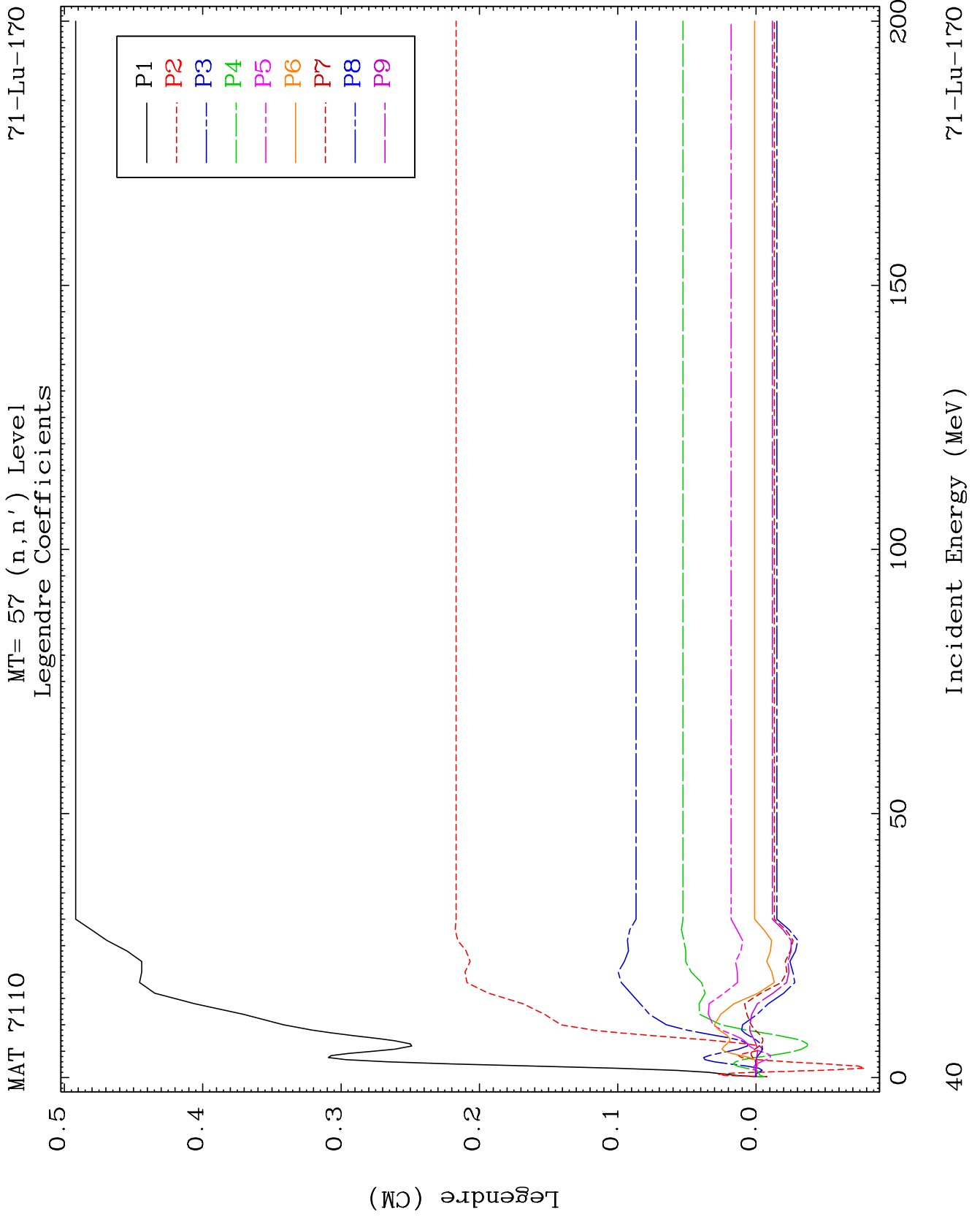








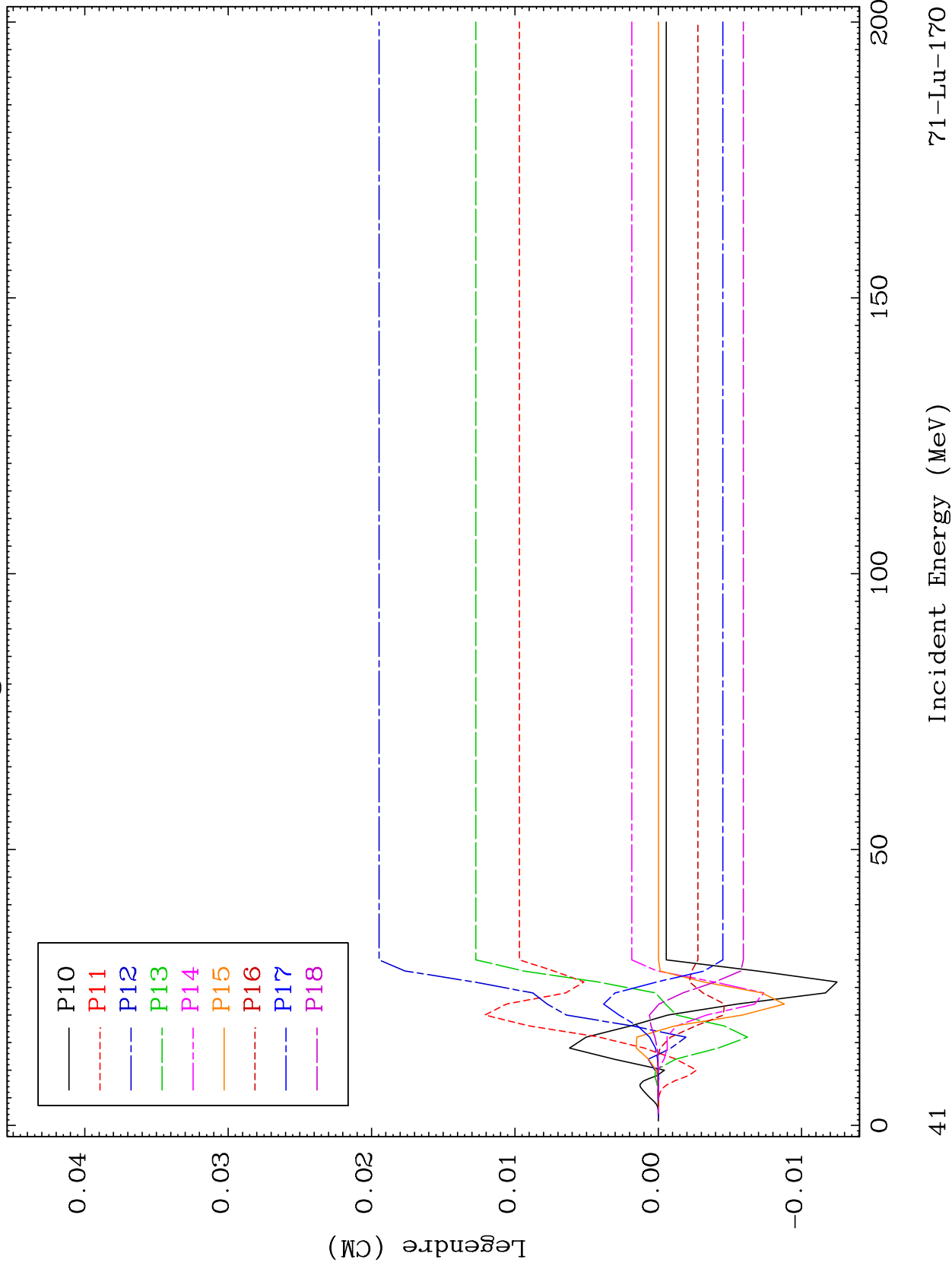




MAT 7110

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

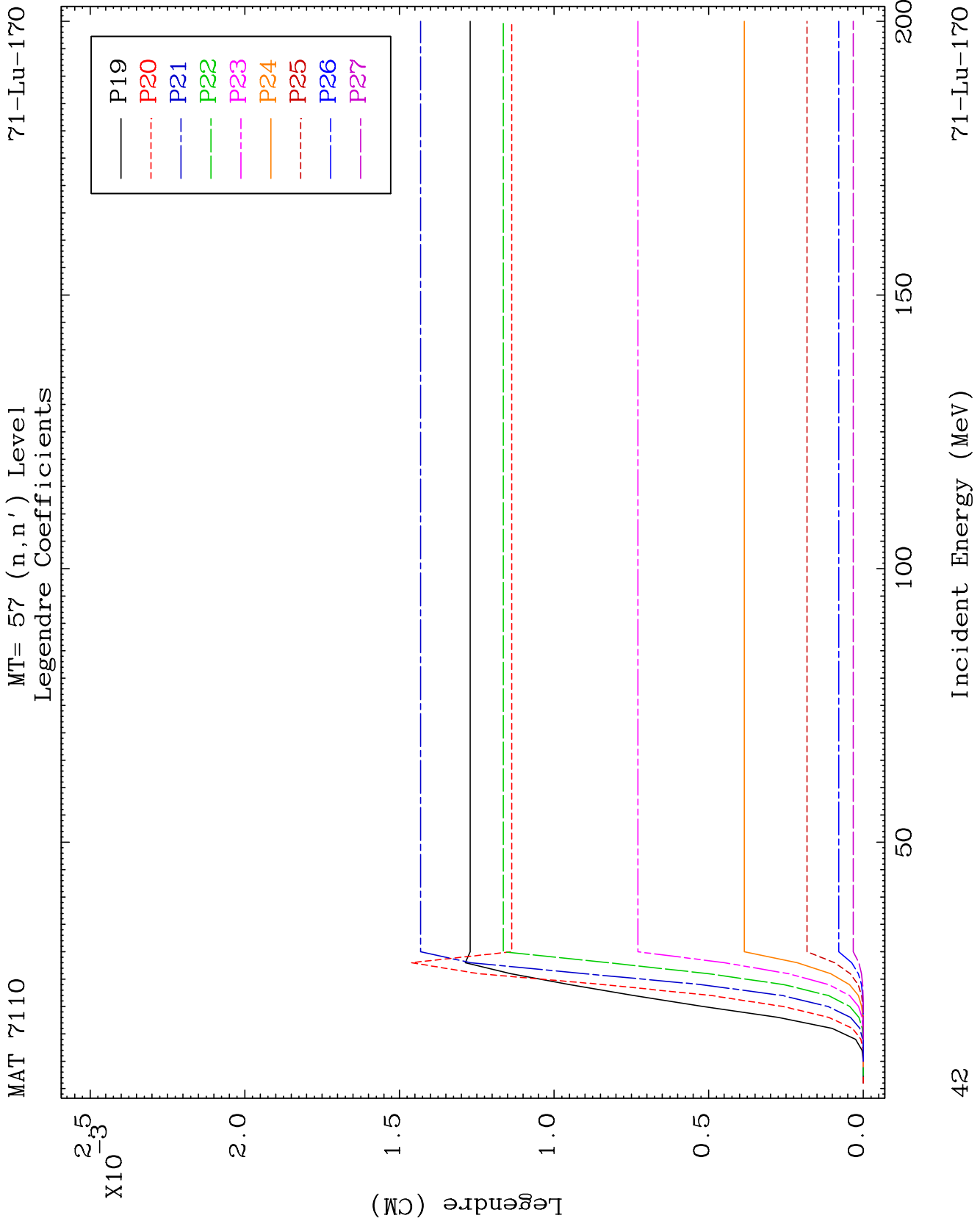
71-Lu-170

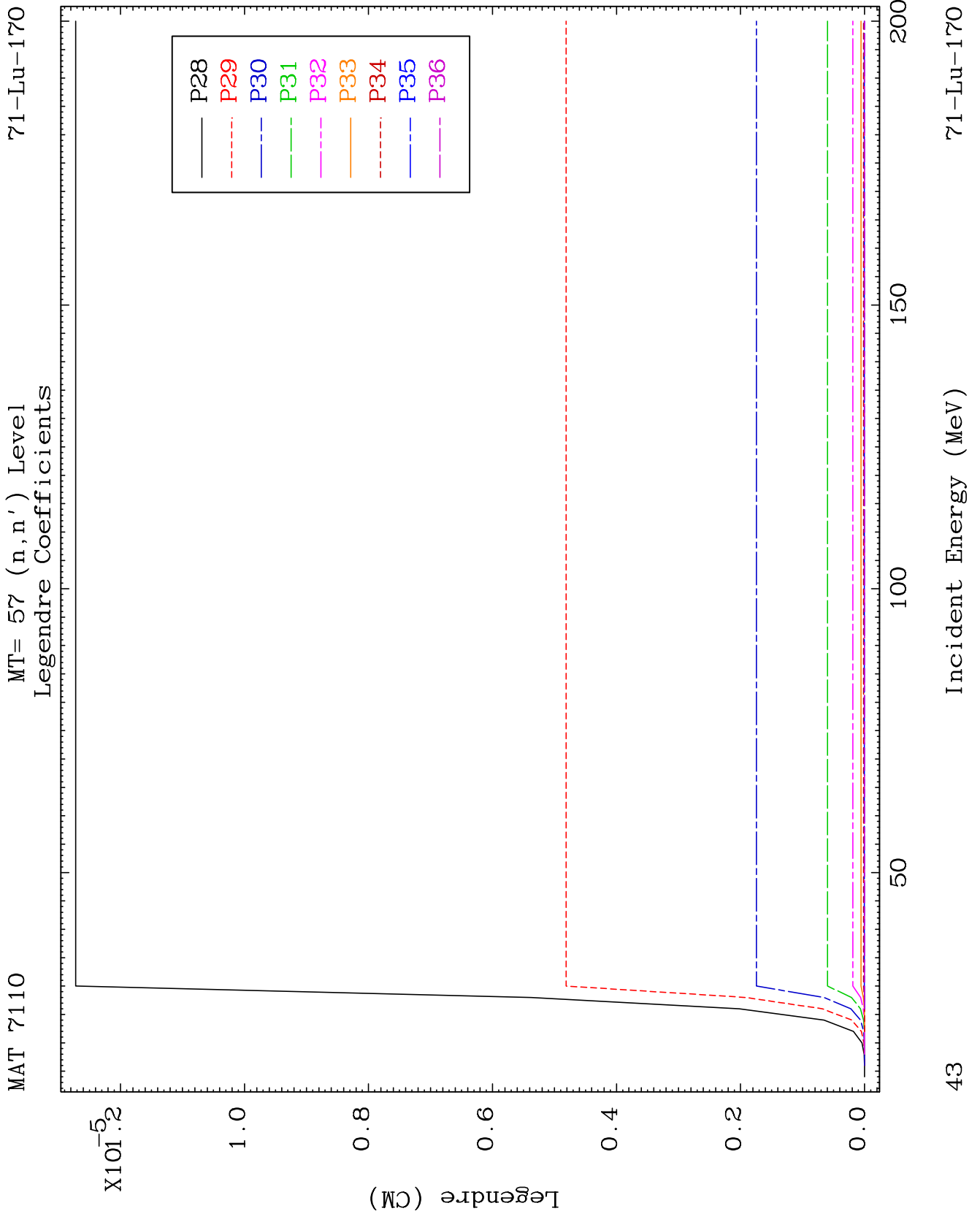


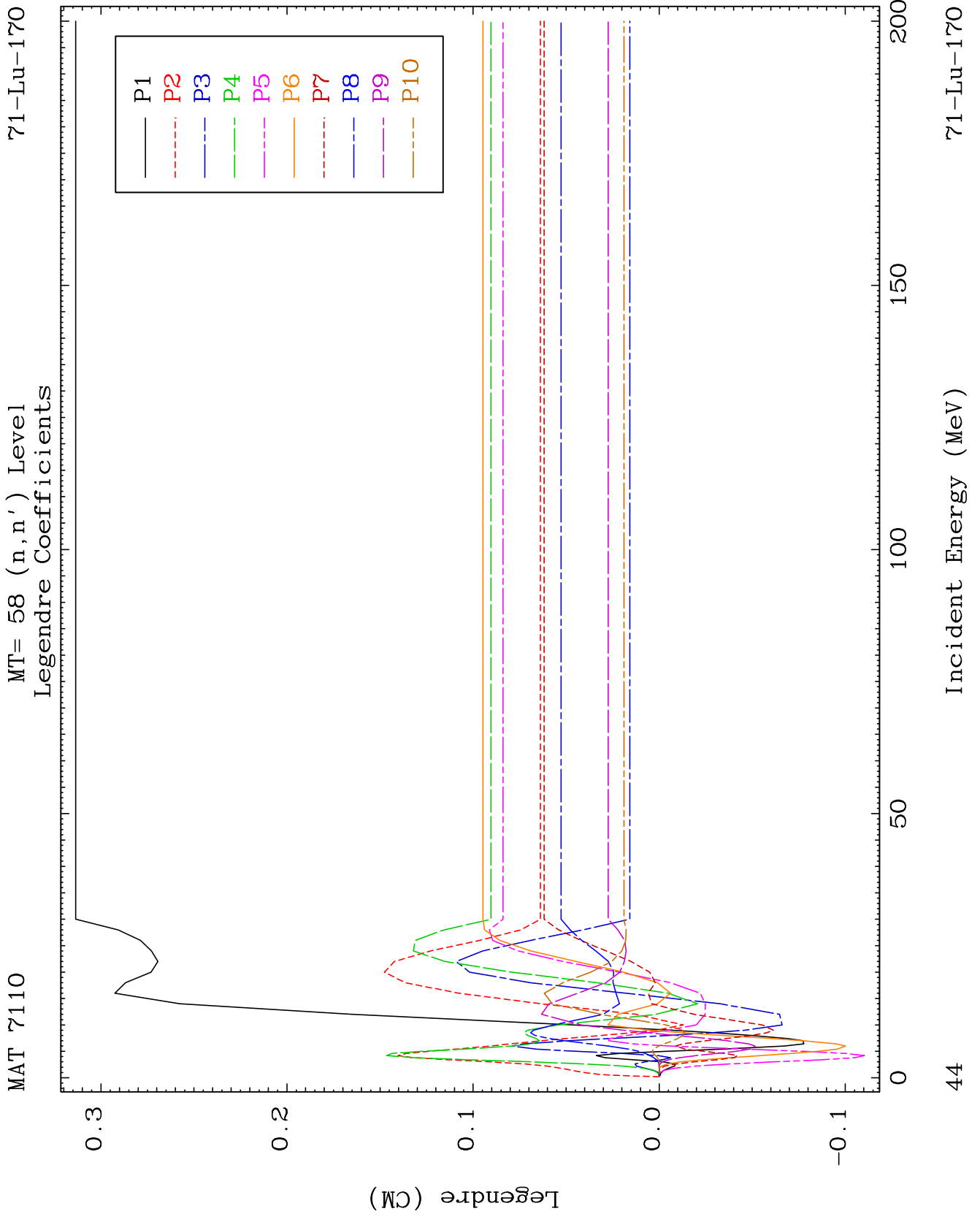
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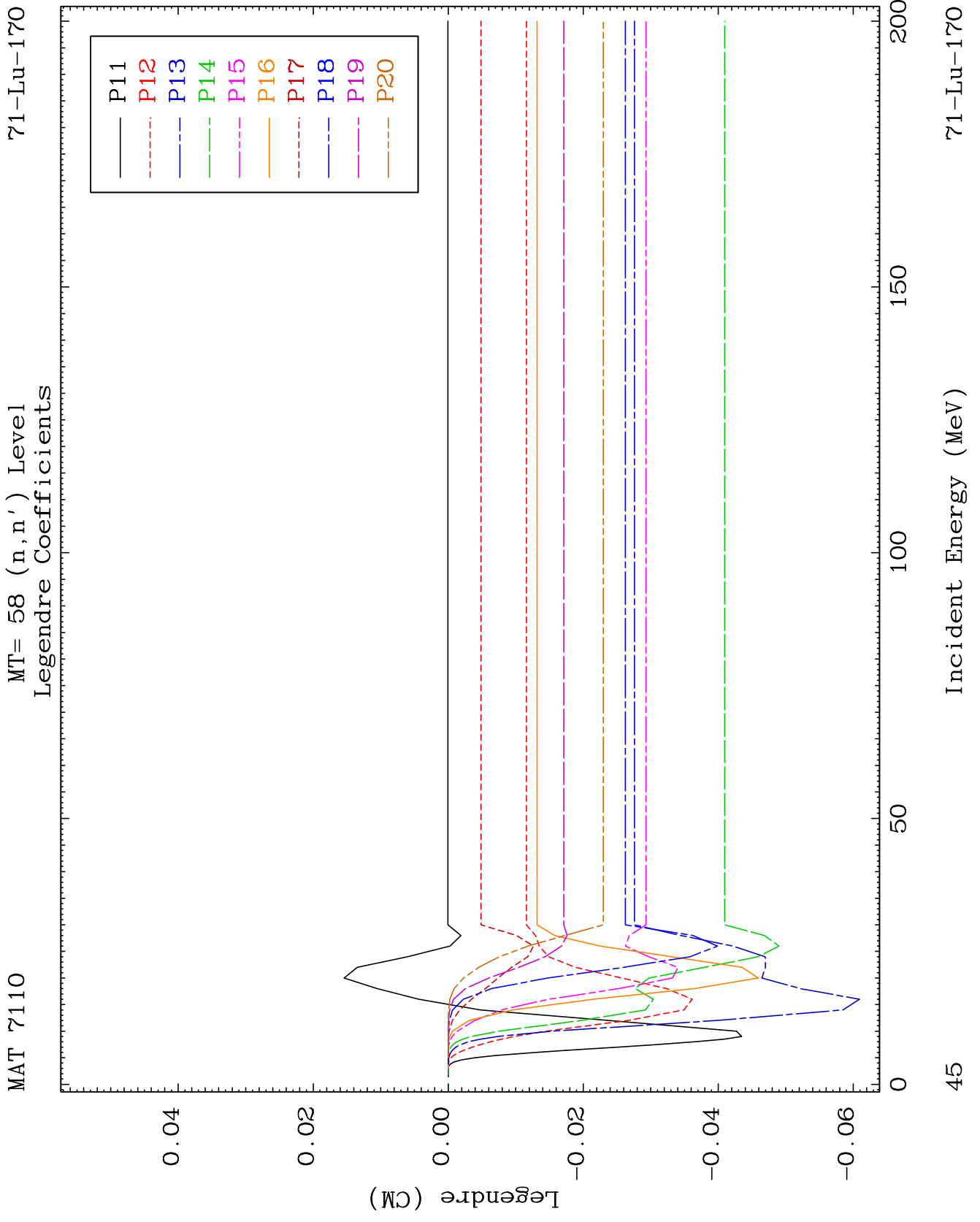
Incident Energy (MeV)

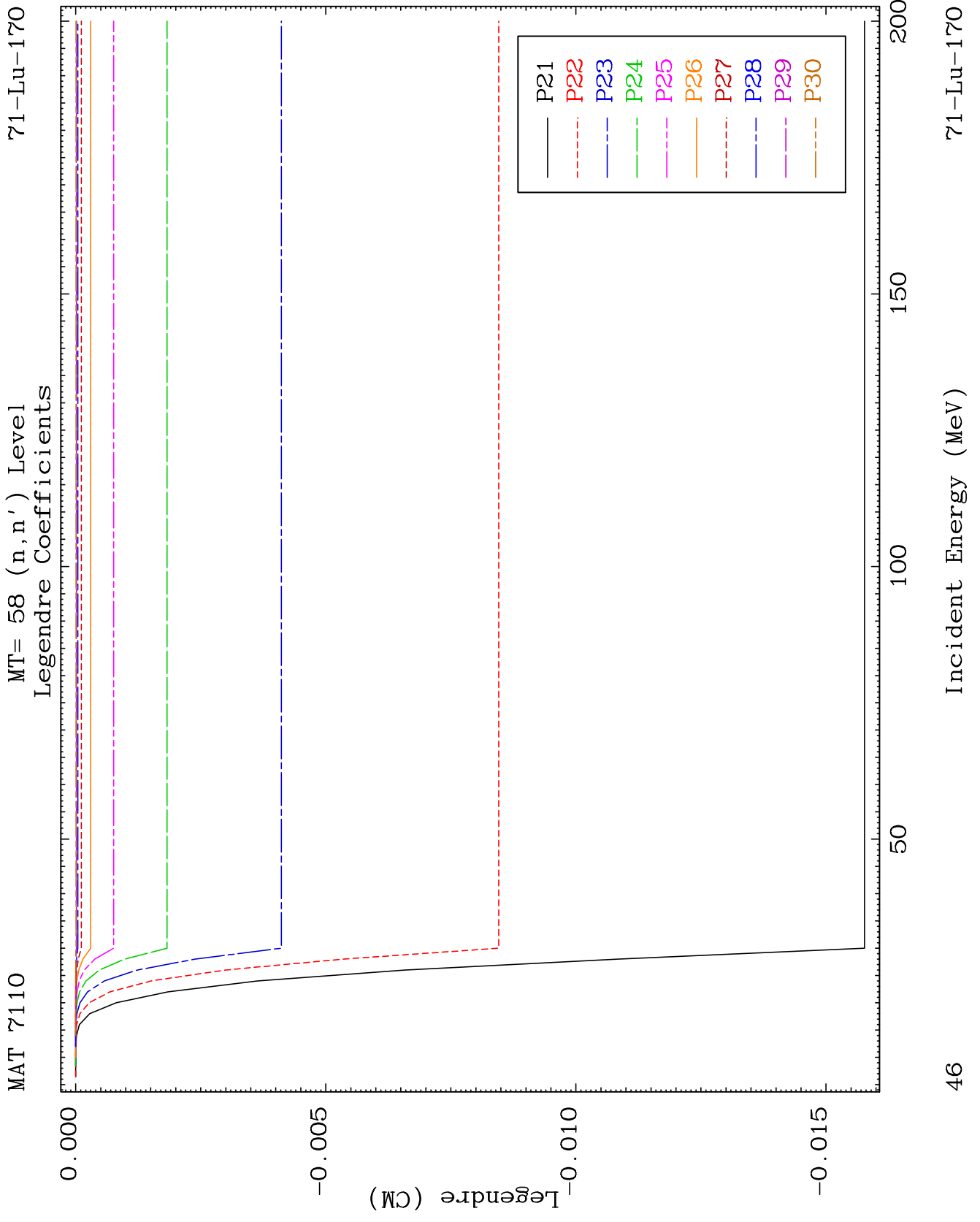
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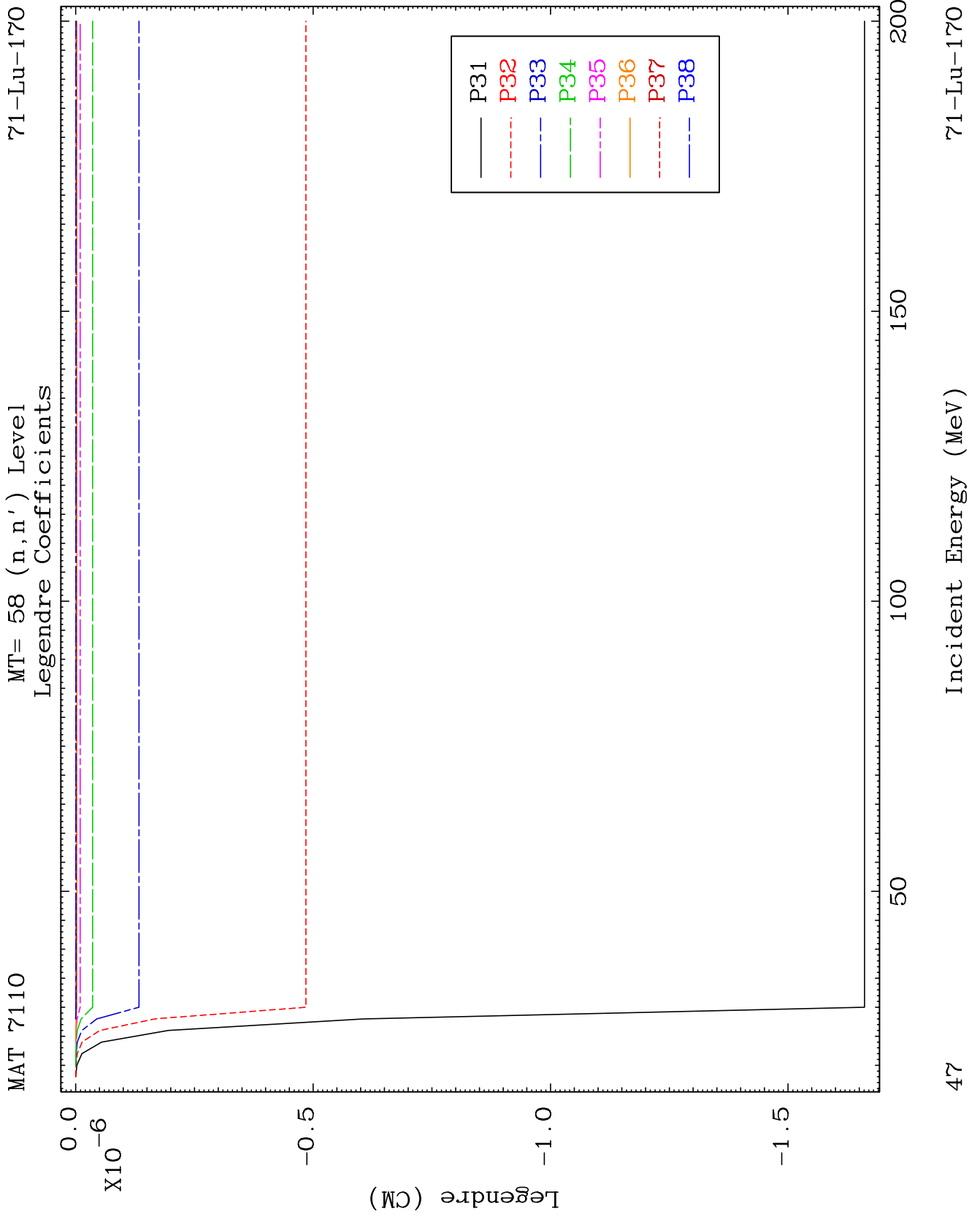




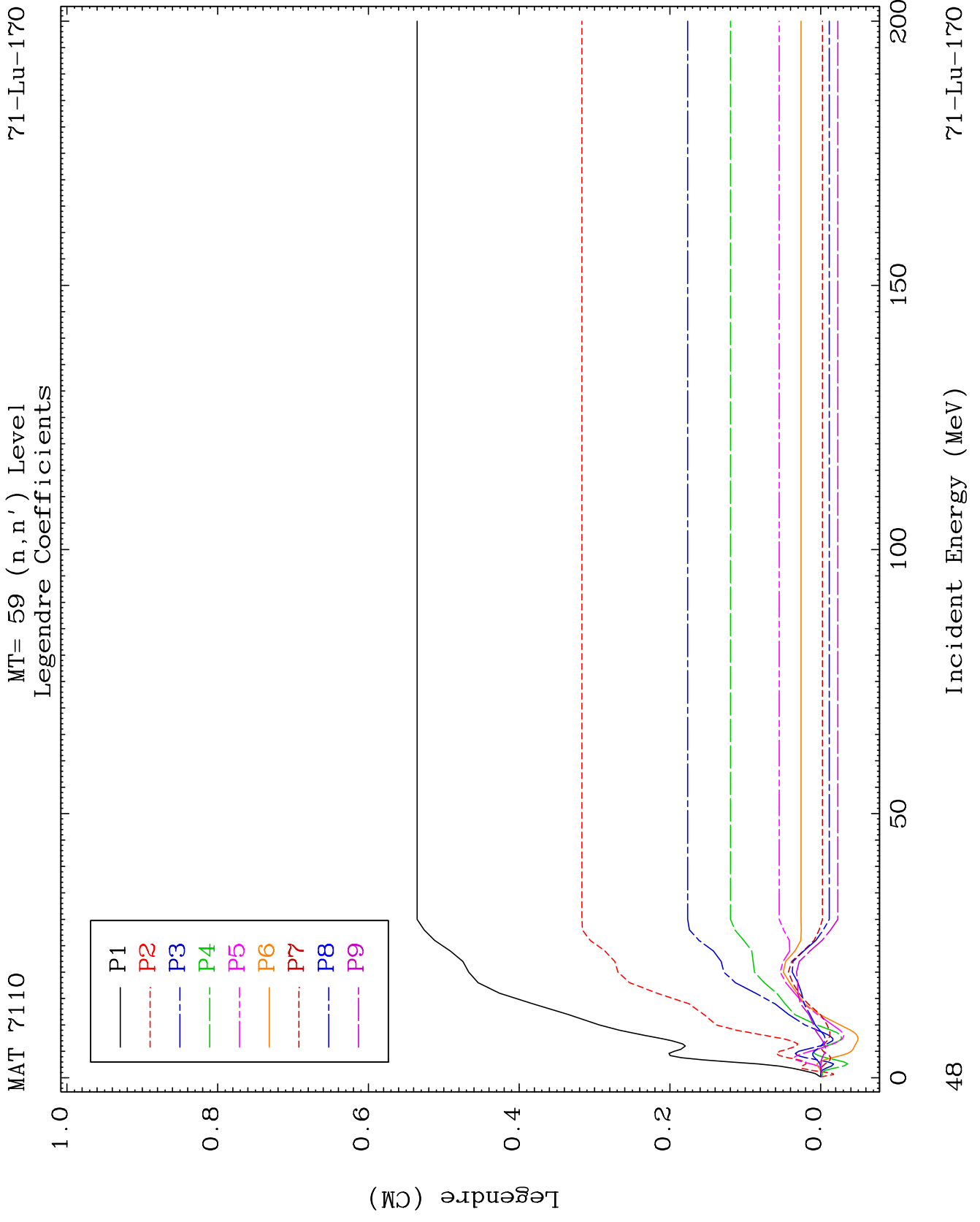


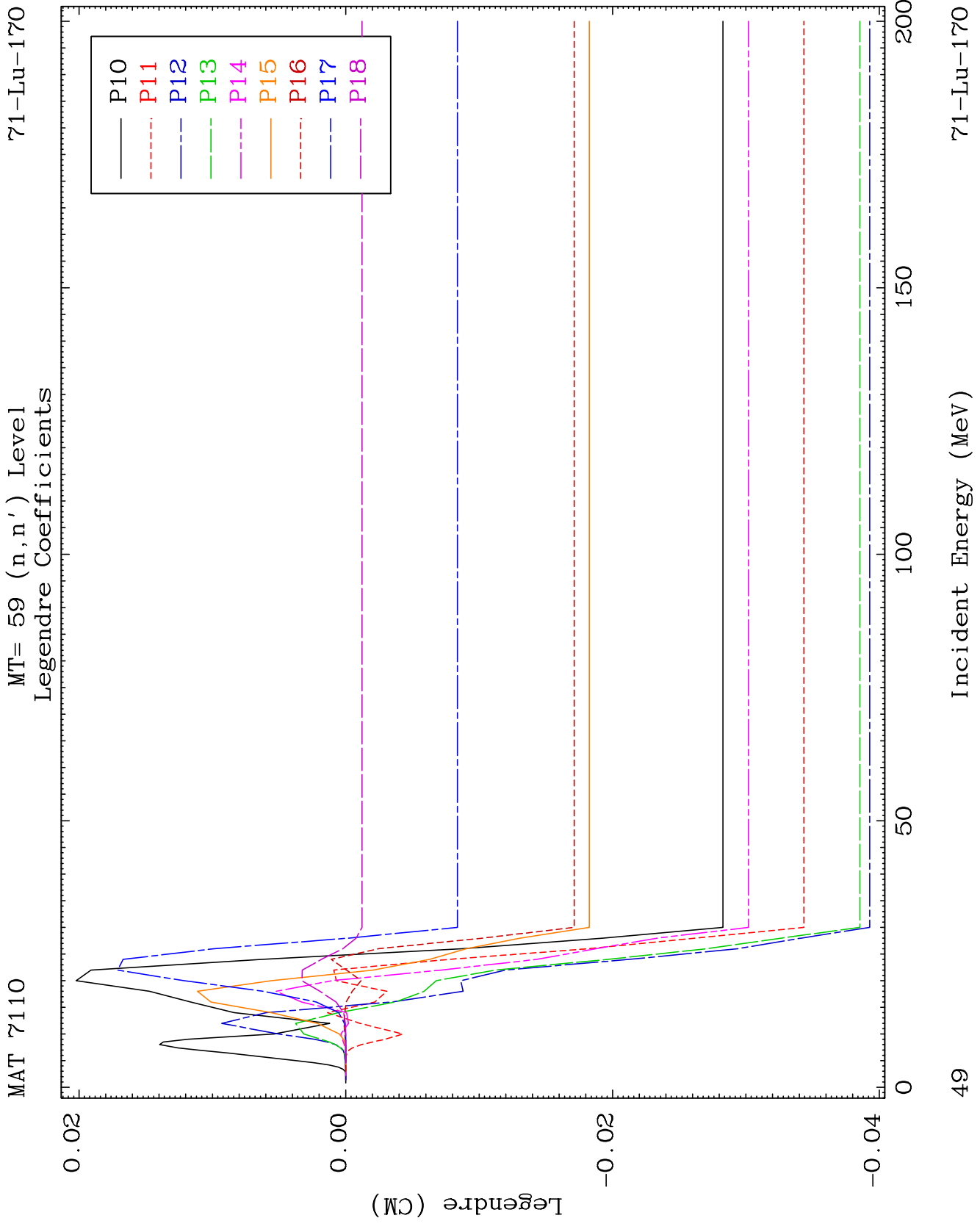








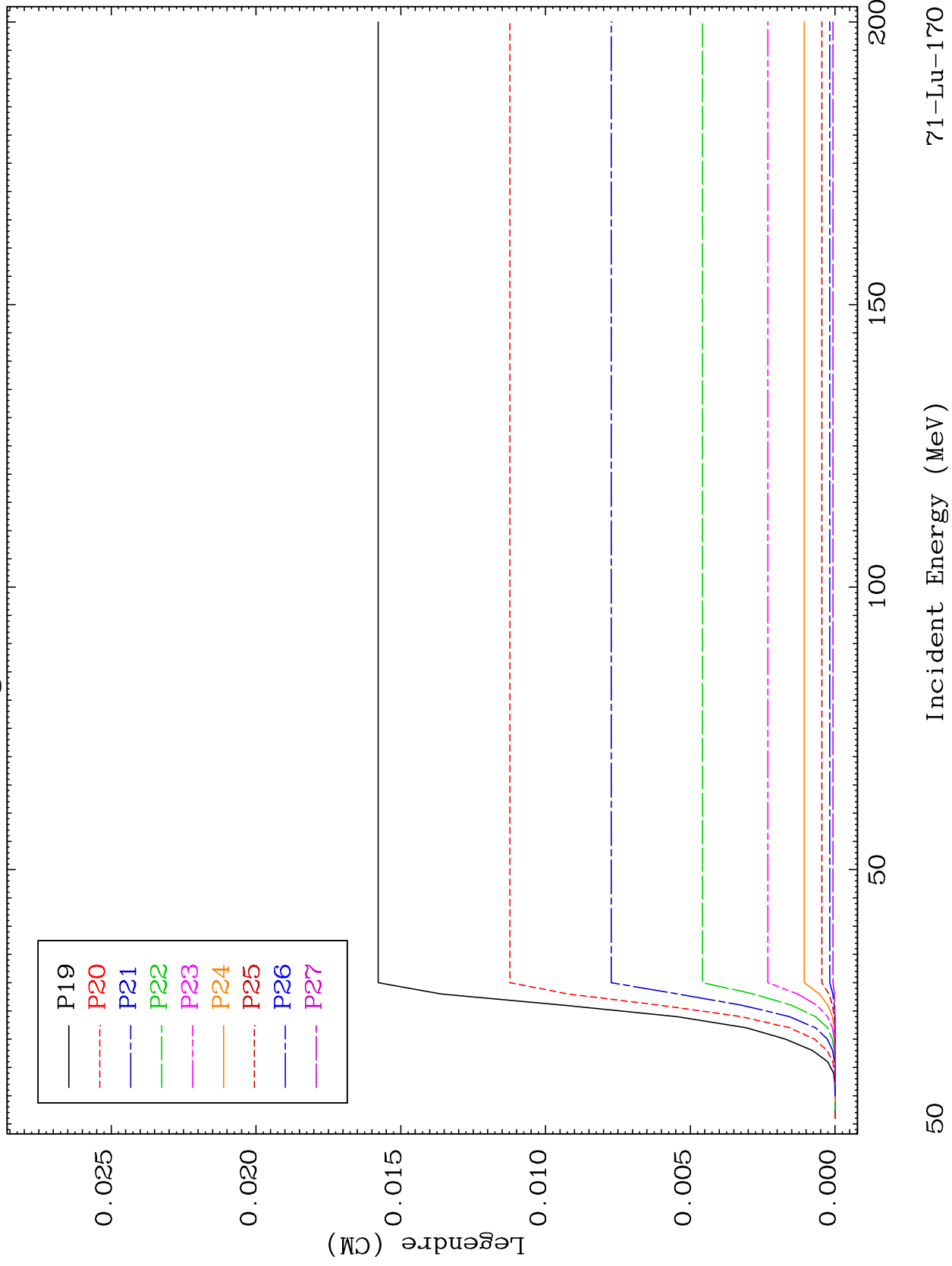




MAT 7110

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

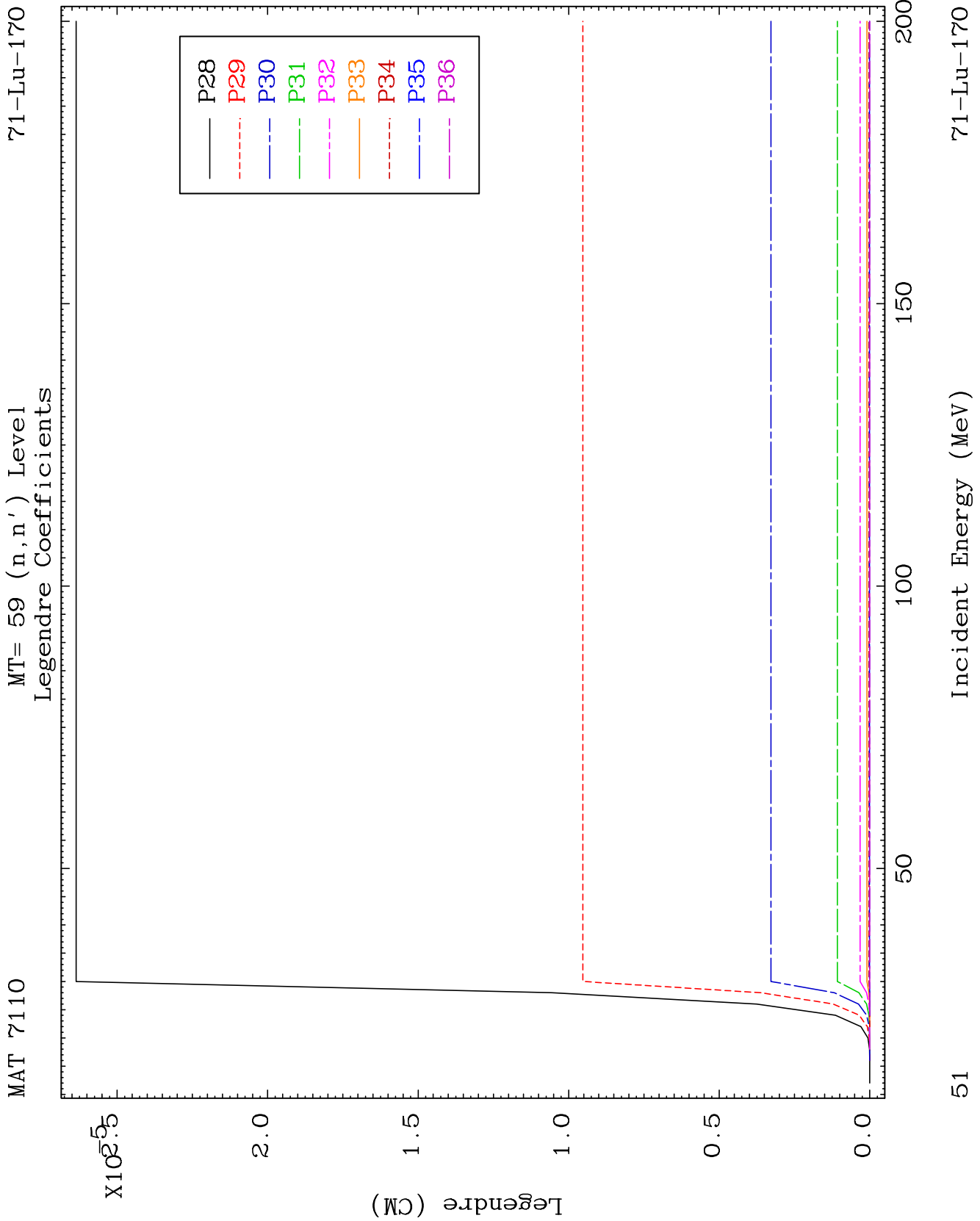
71-Lu-170



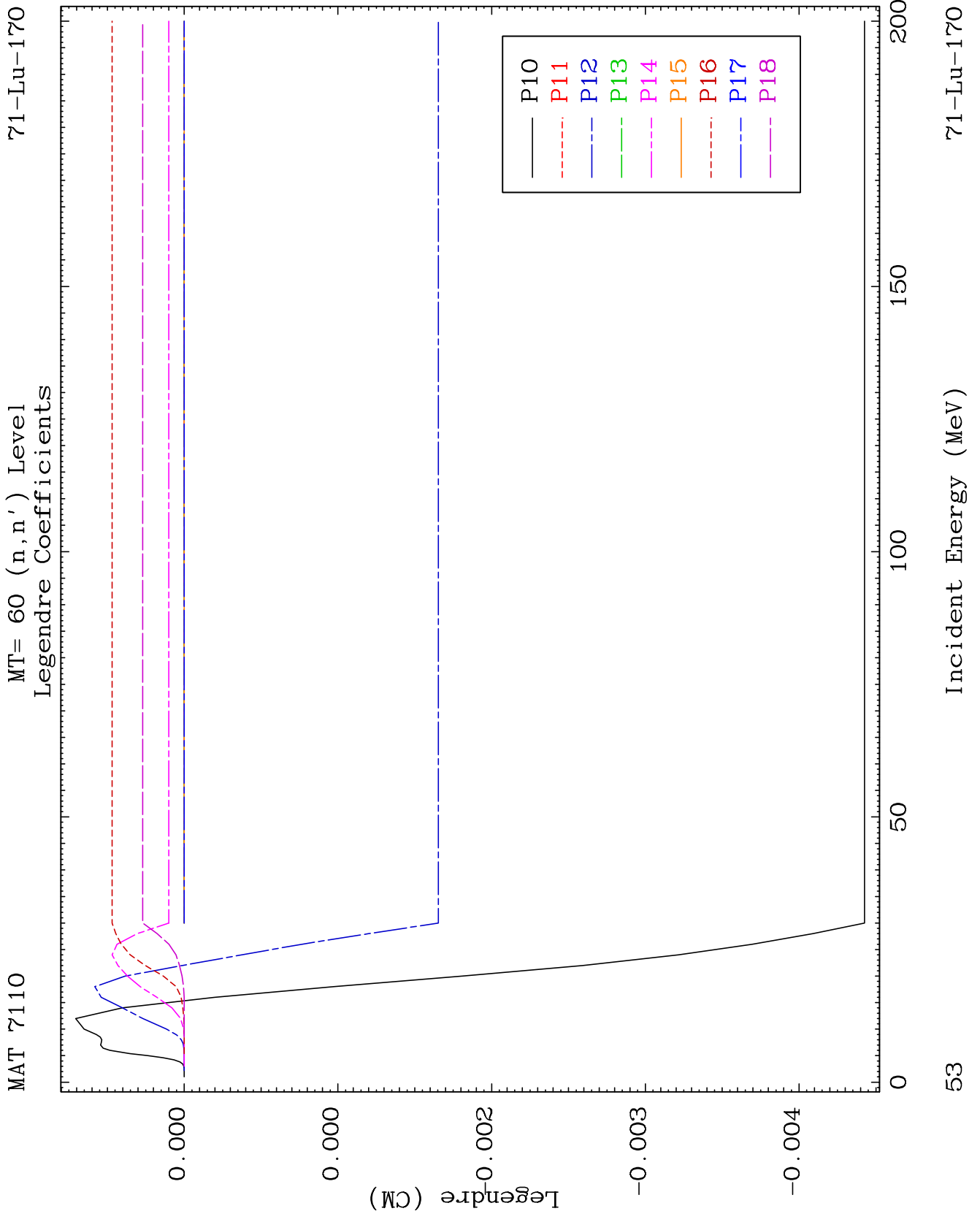
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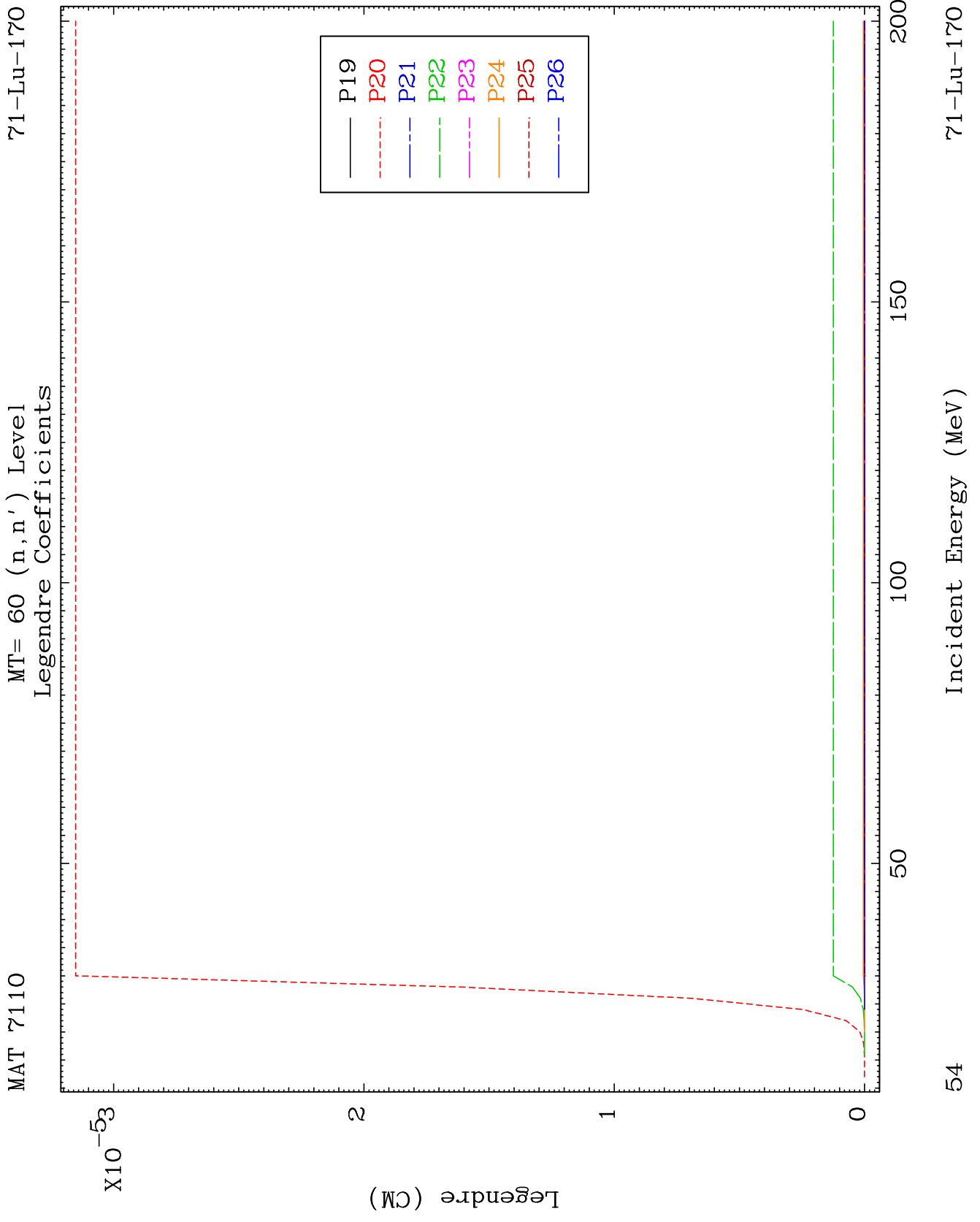
Incident Energy (MeV)

50



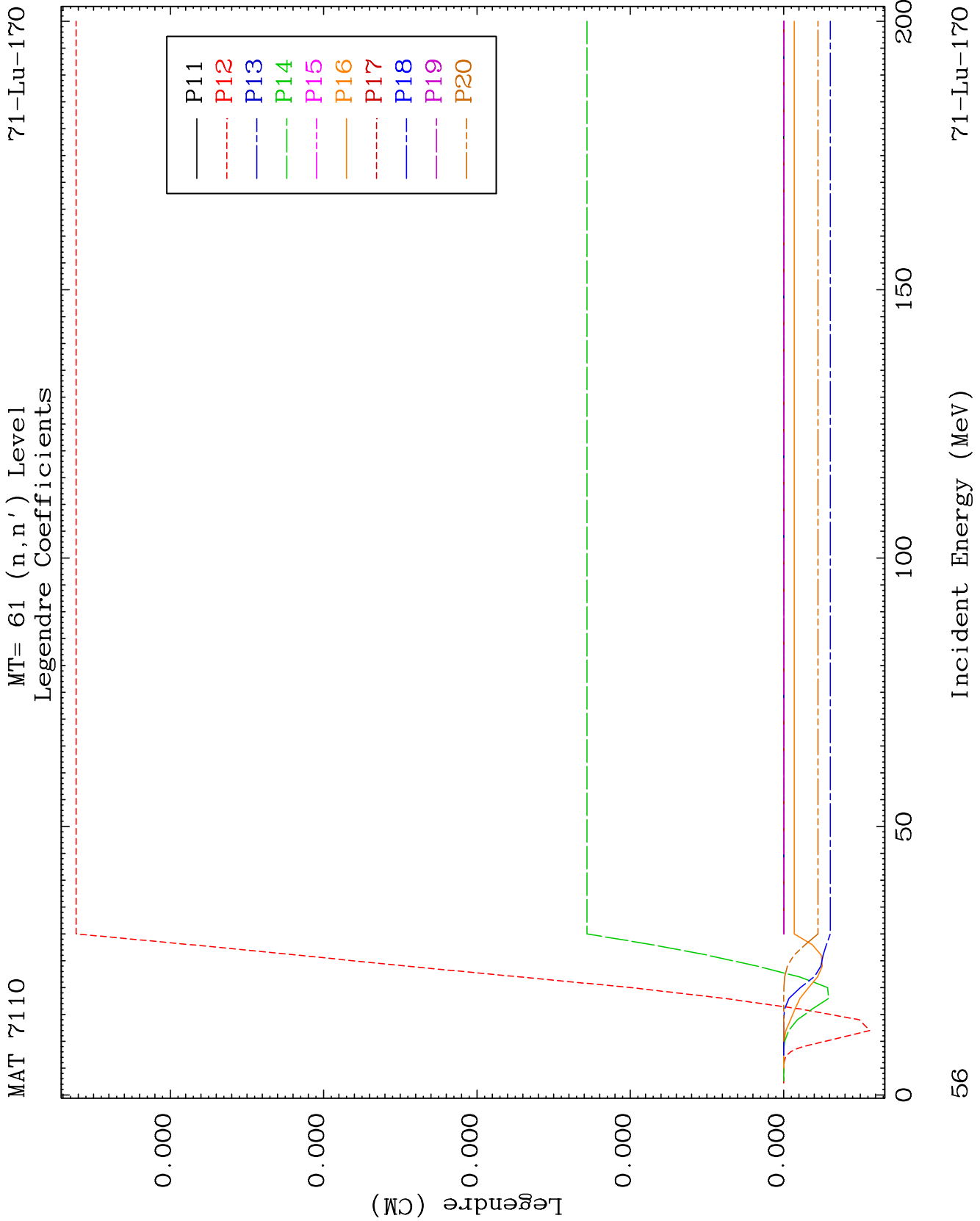








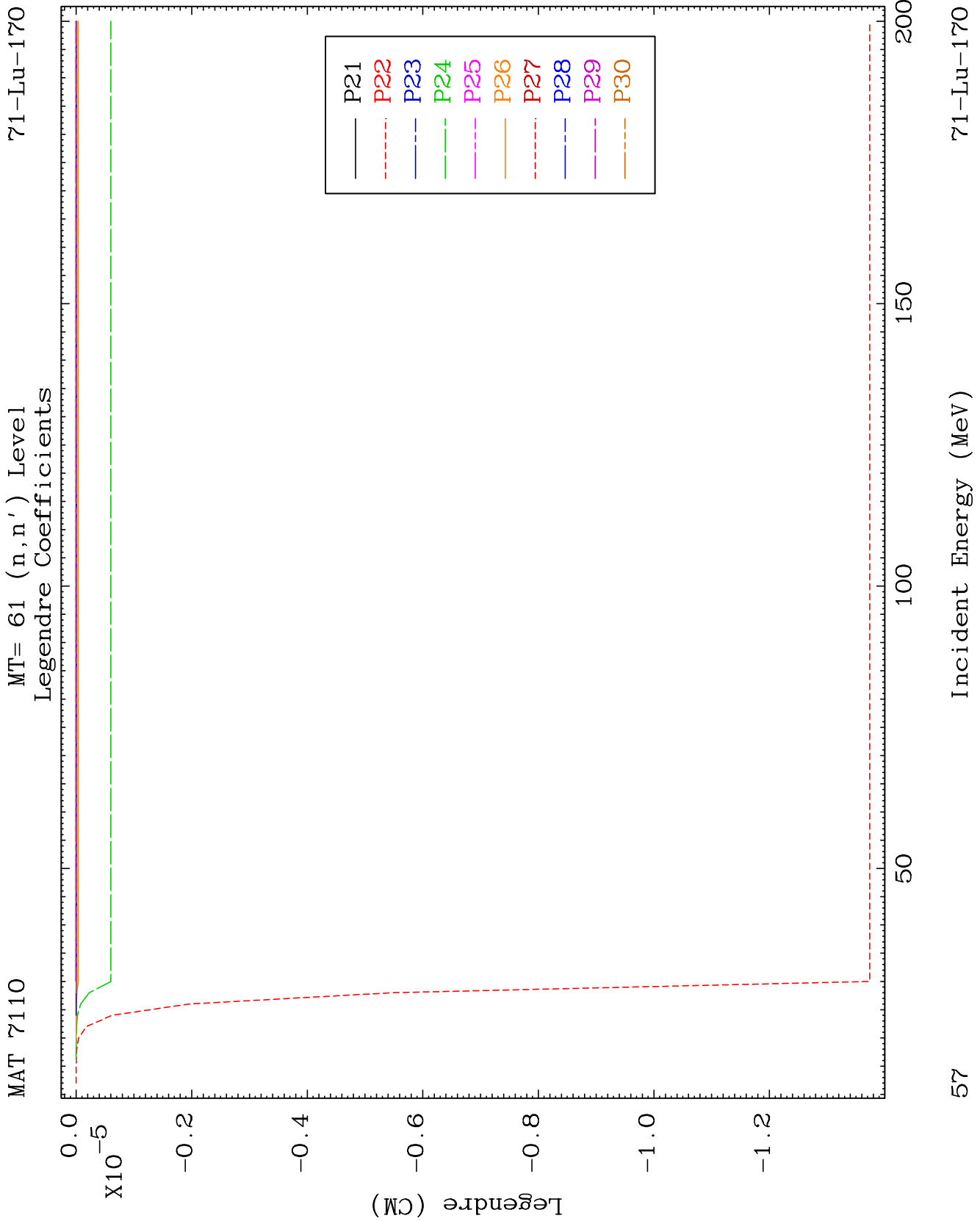


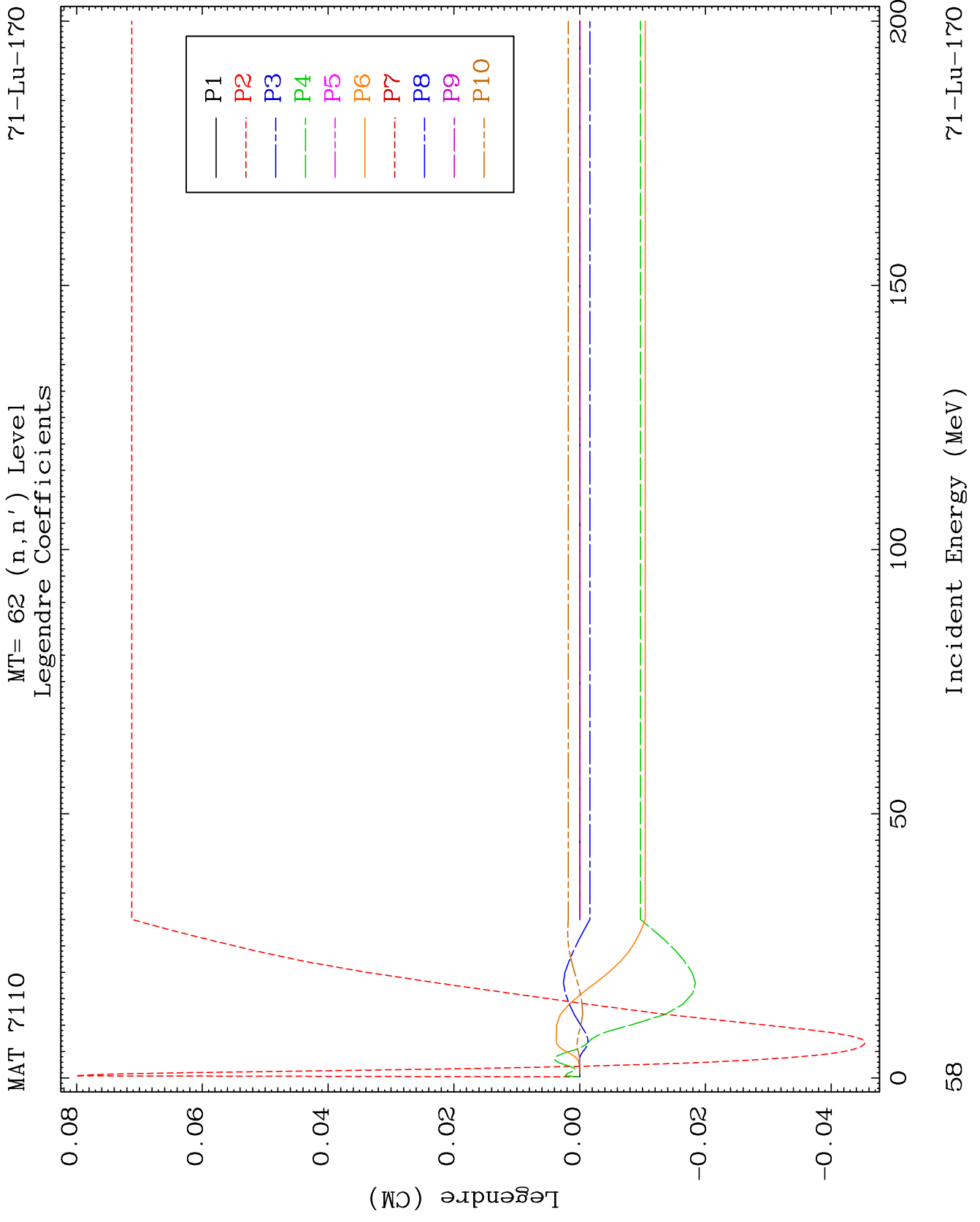


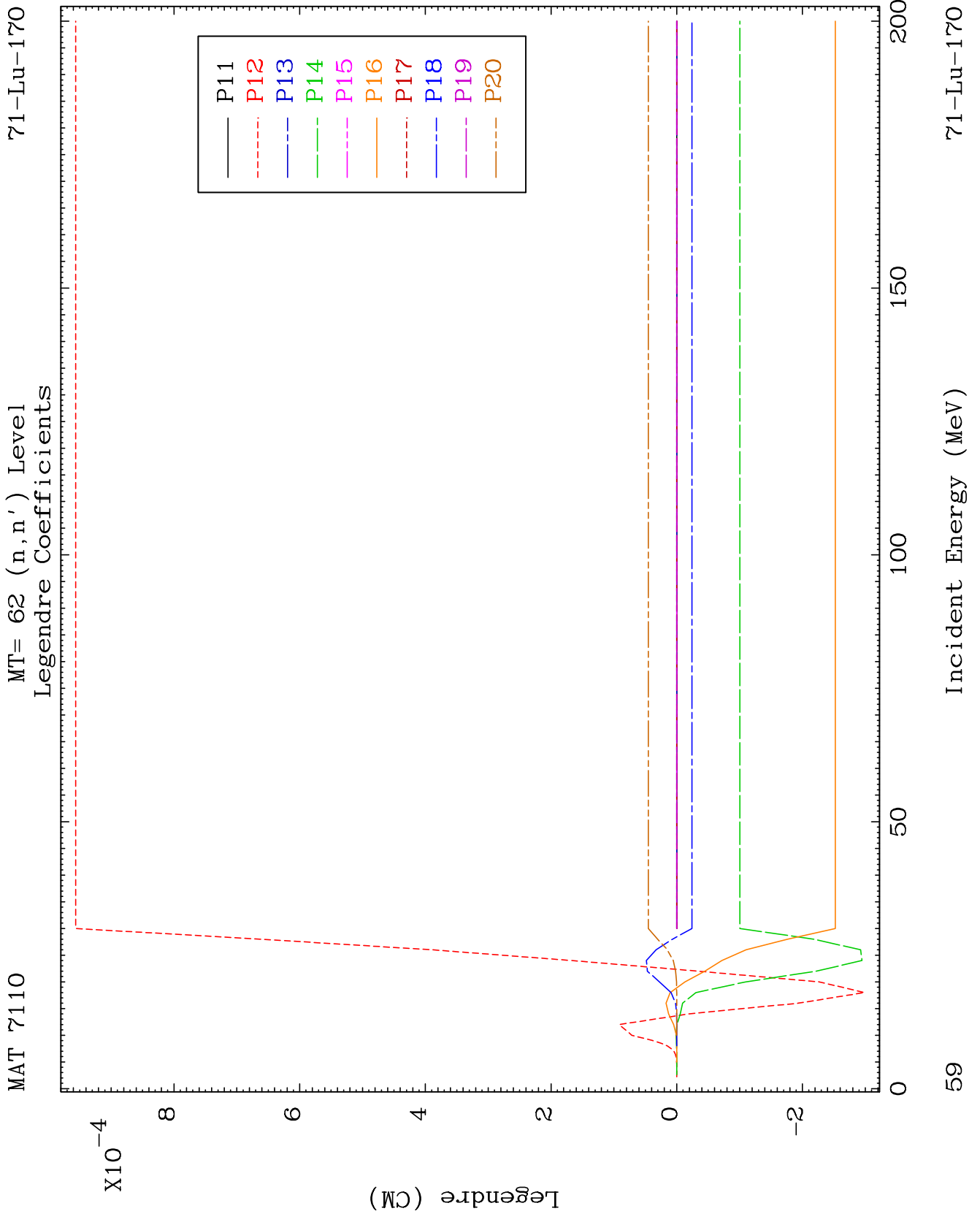
71-Lu-170

Incident Energy (MeV)

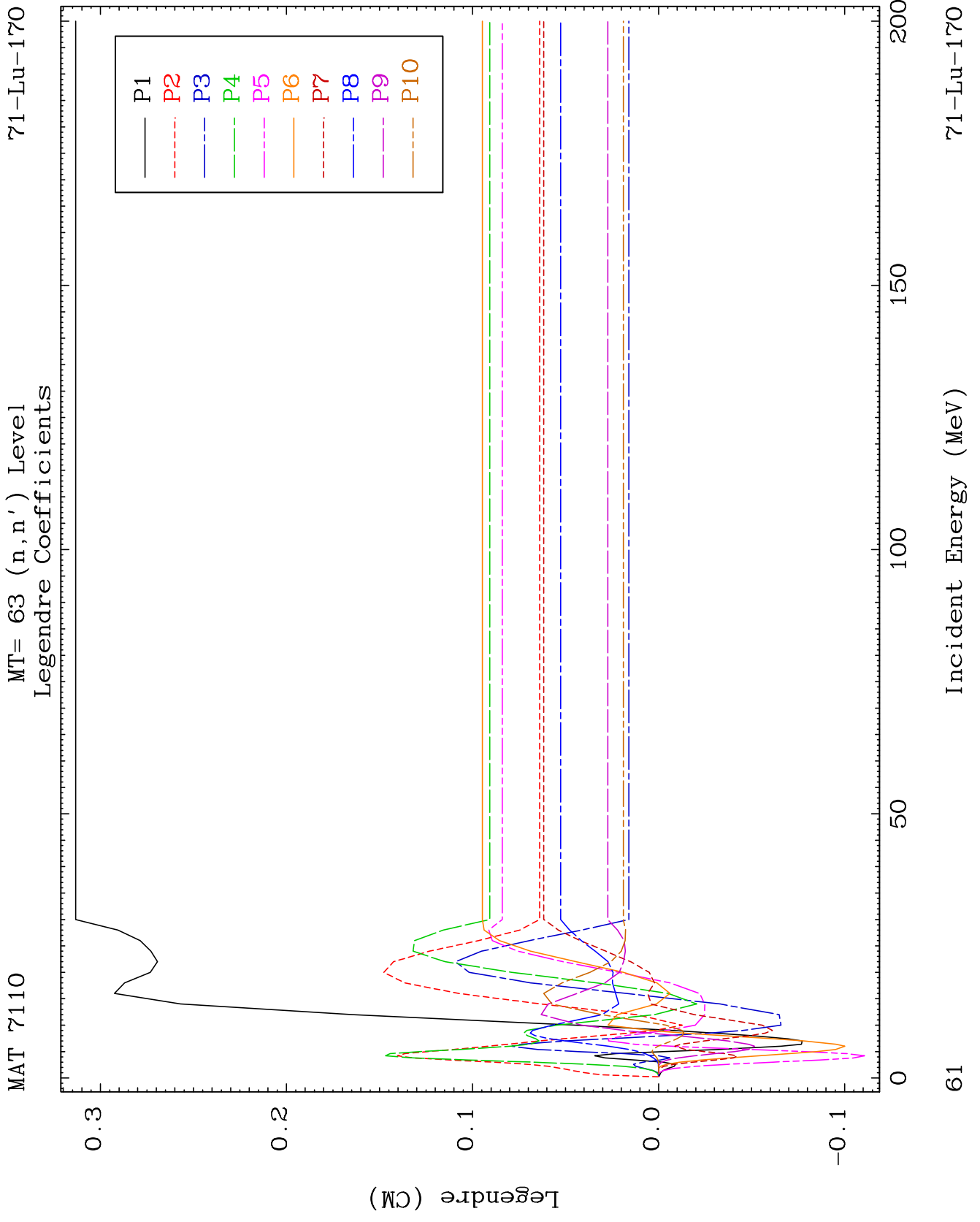
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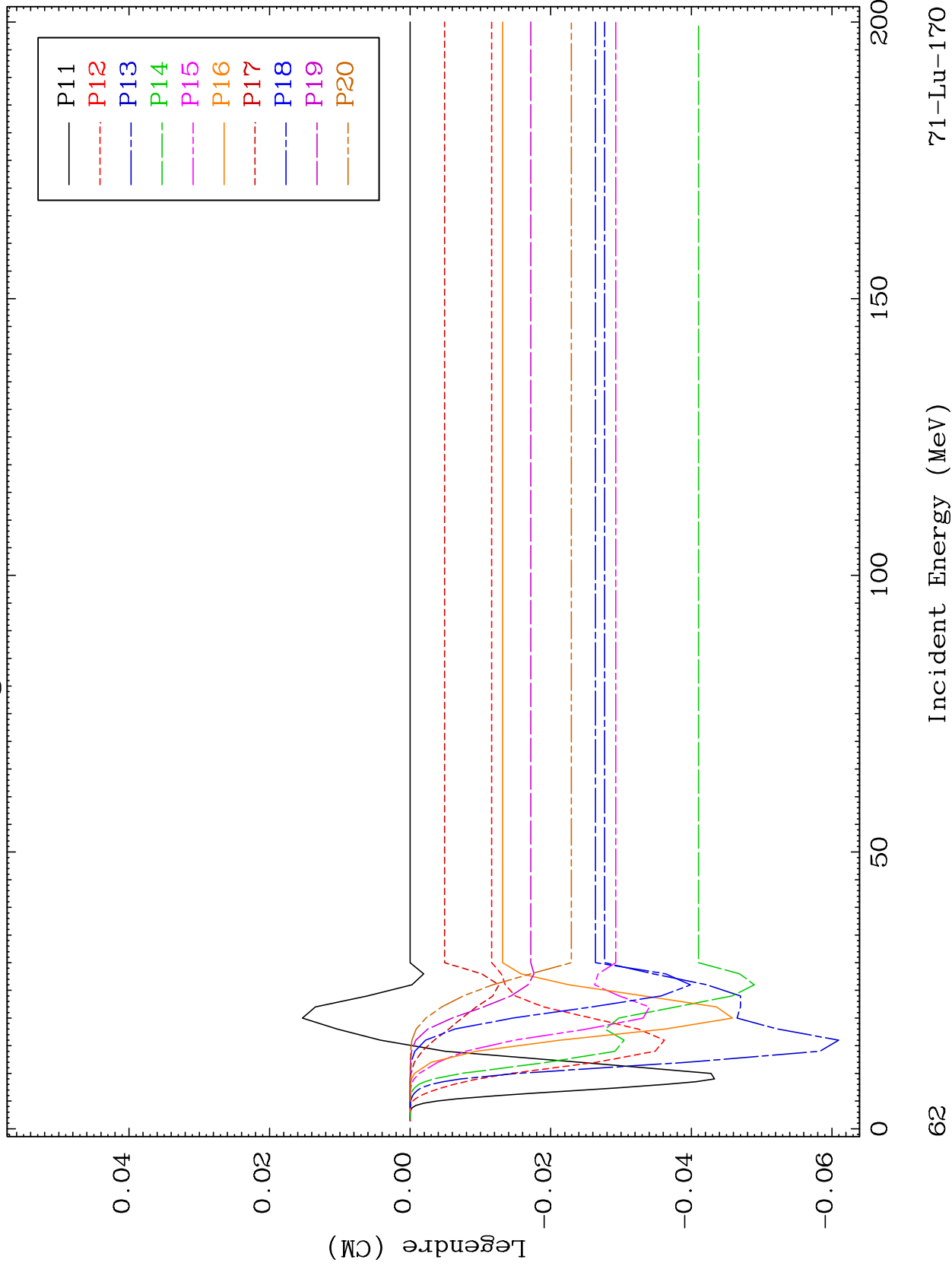




MAT 7110

MT= 63 (n,n') Level  
Legendre Coefficients

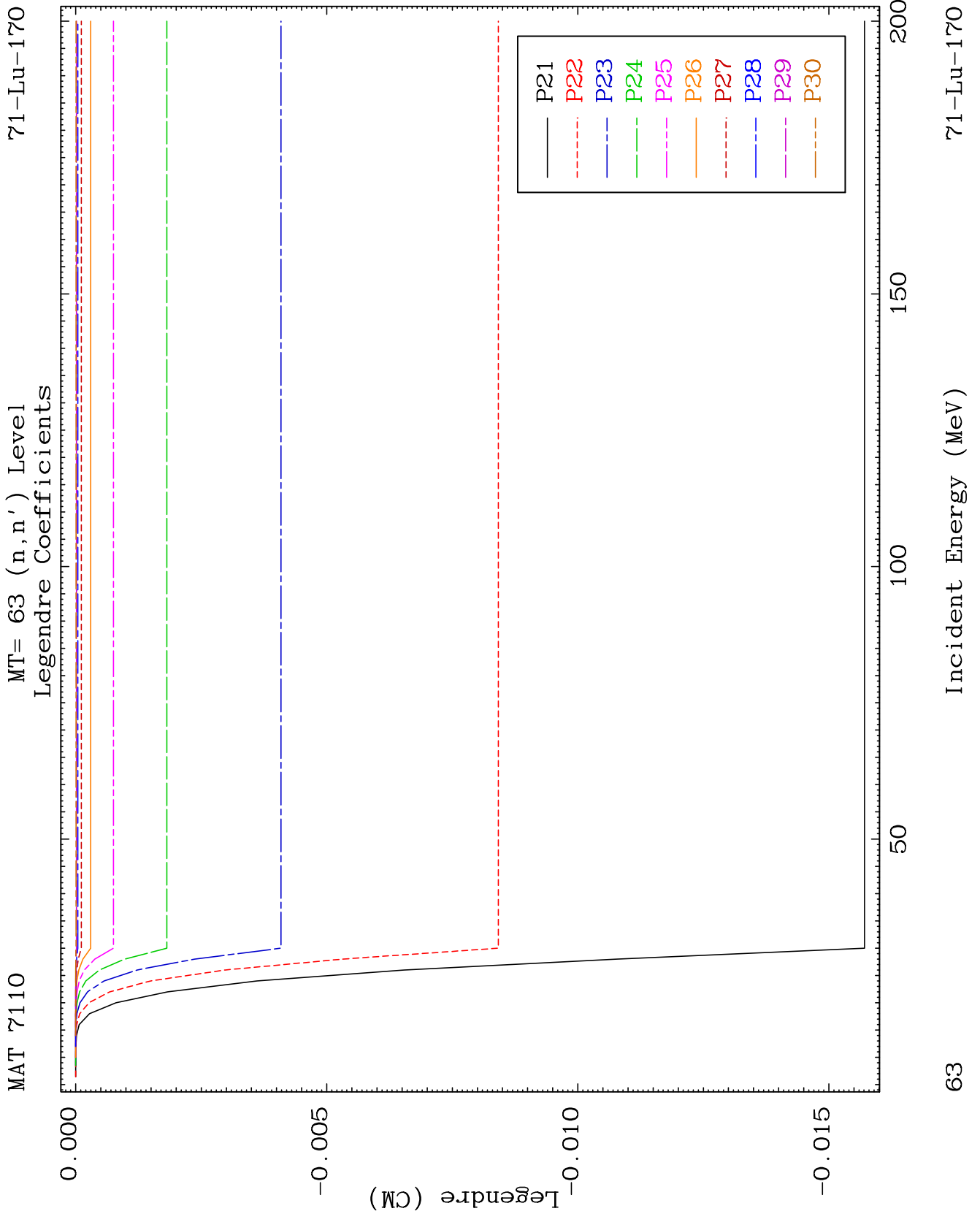
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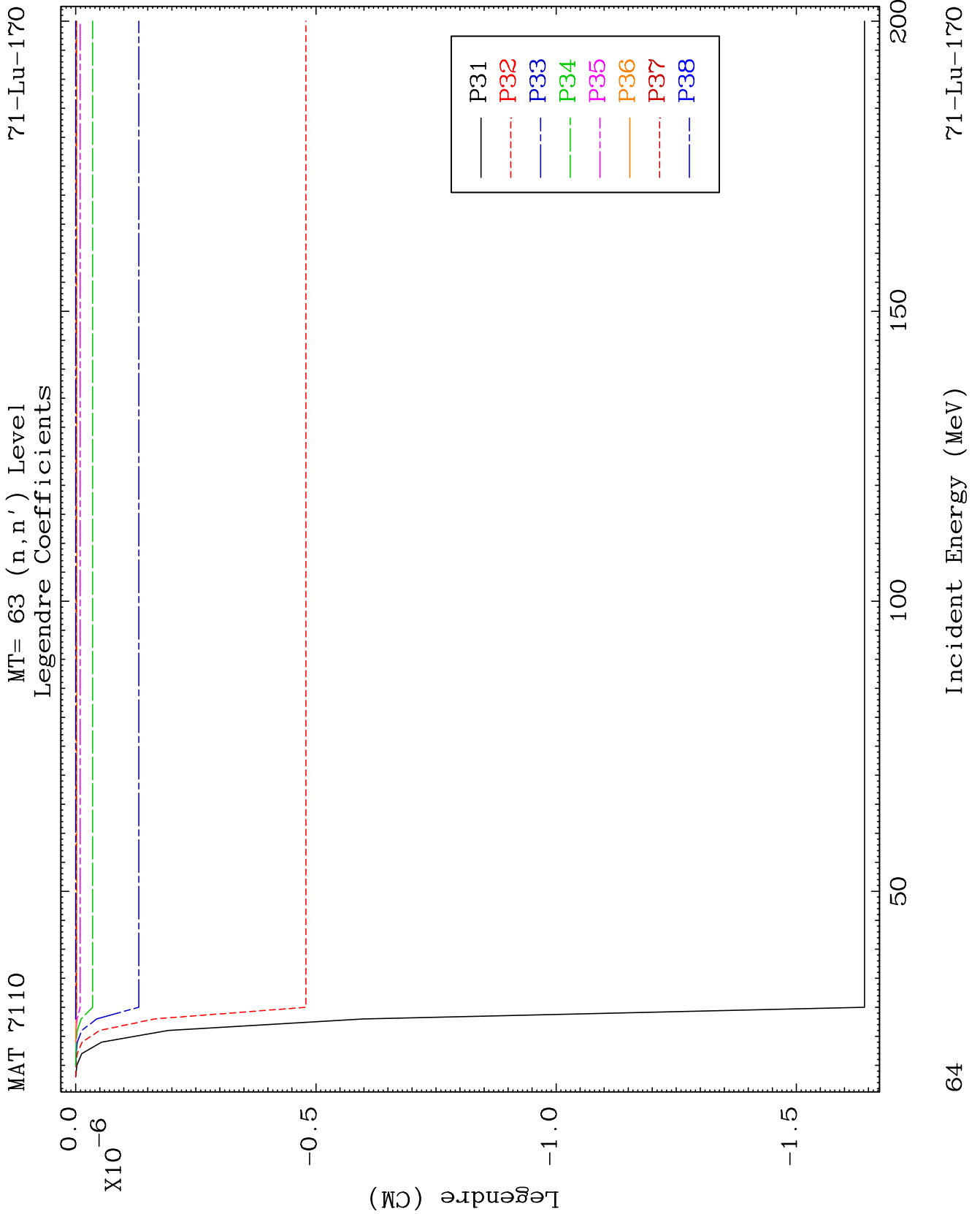
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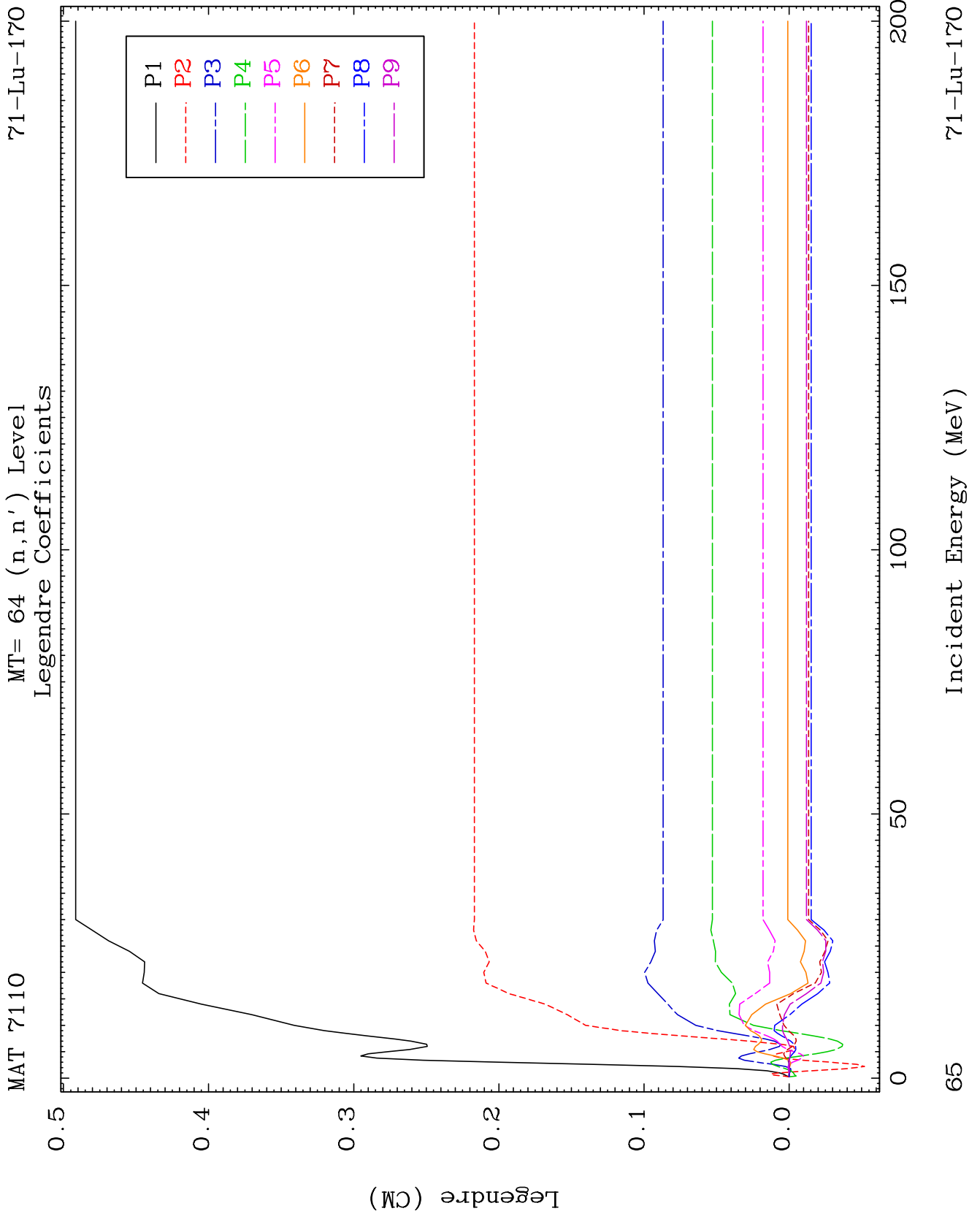
Incident Energy (MeV)

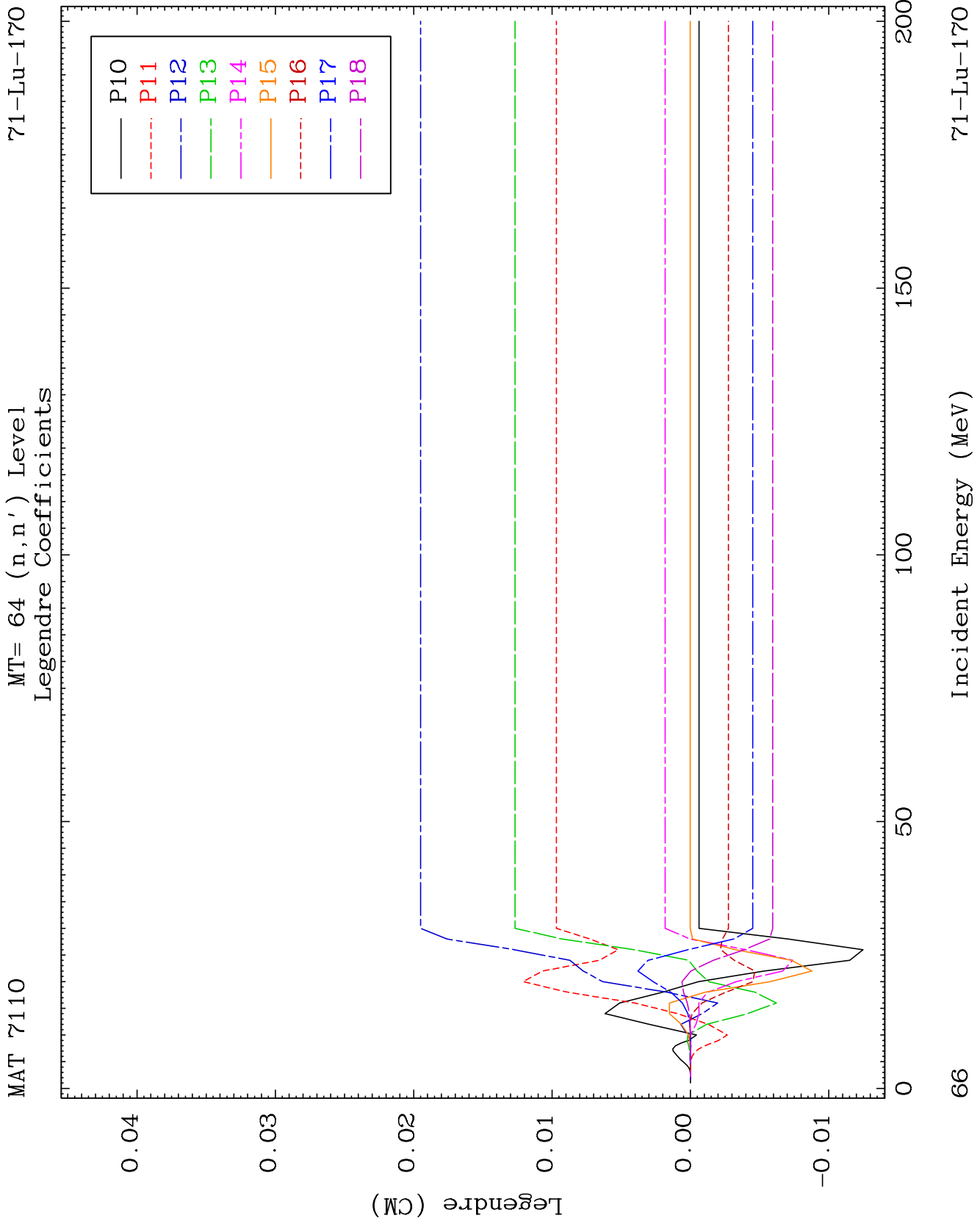
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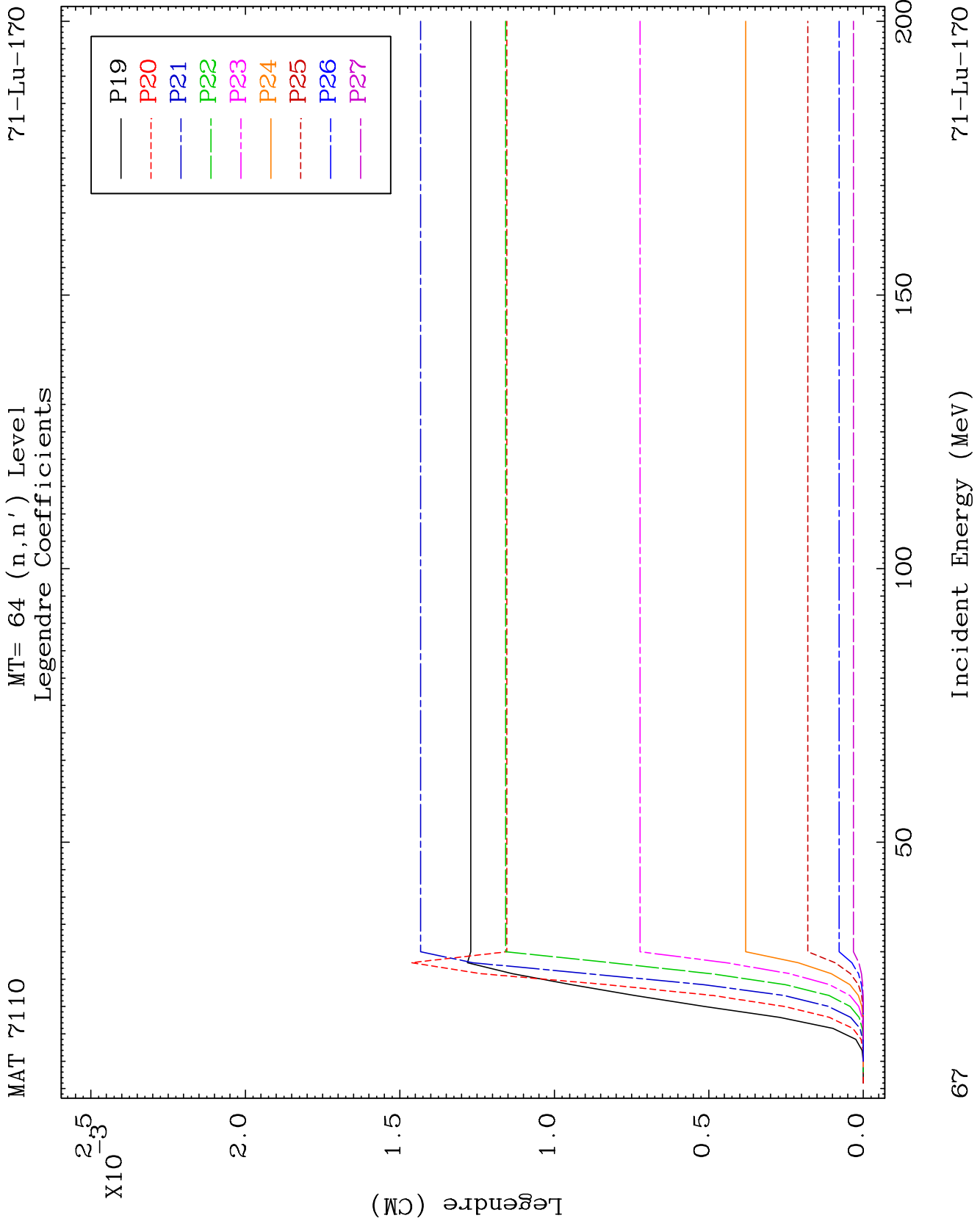


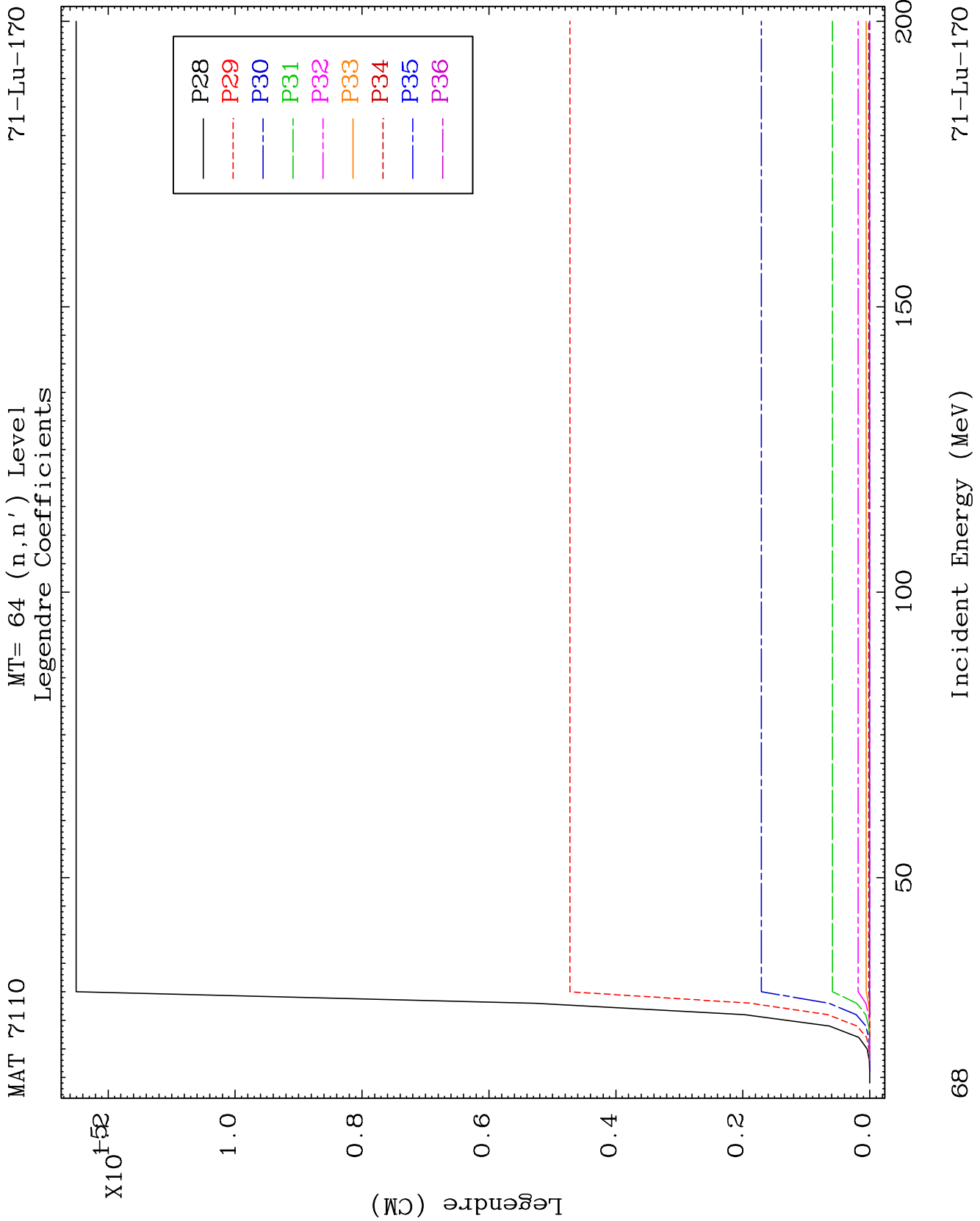


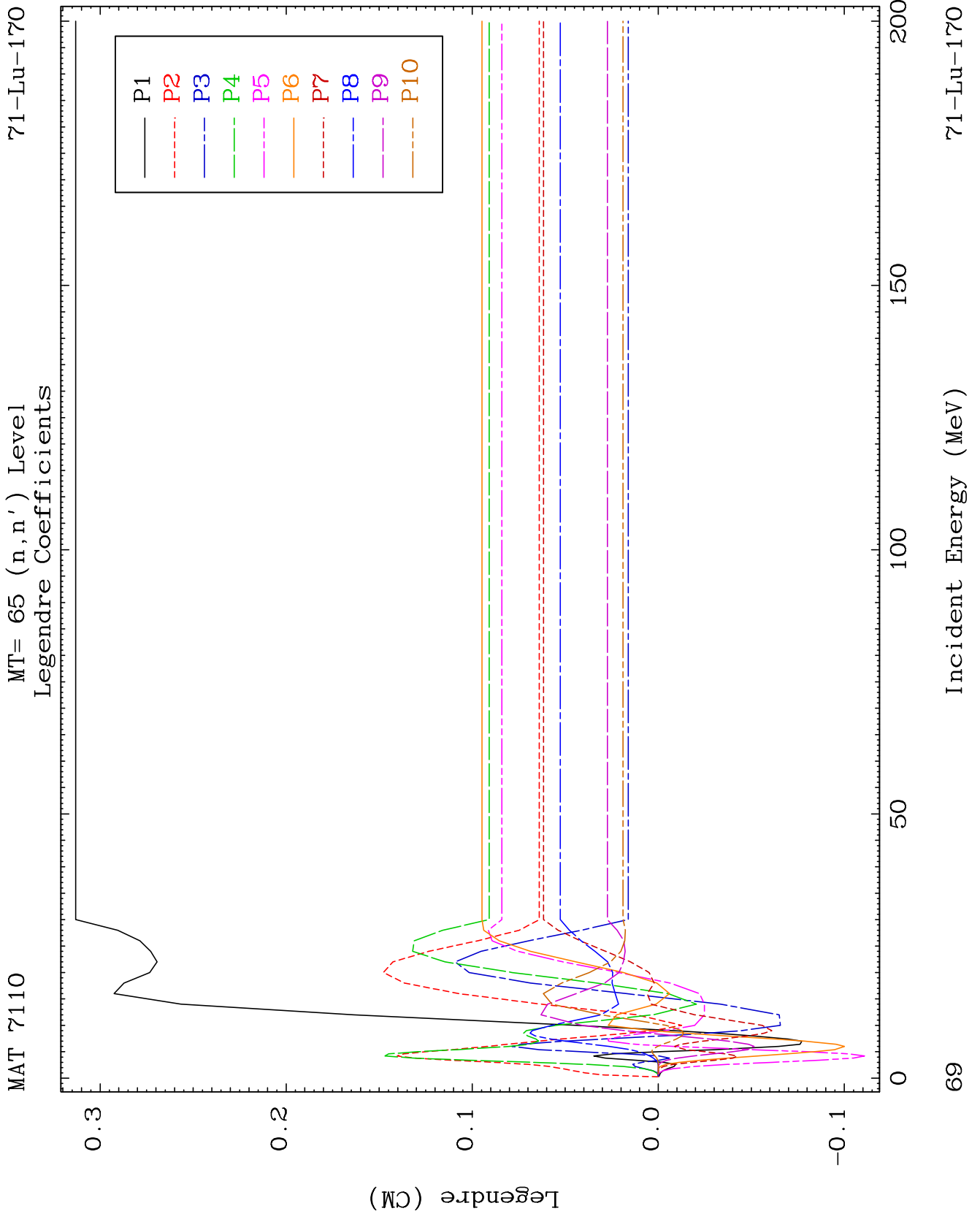


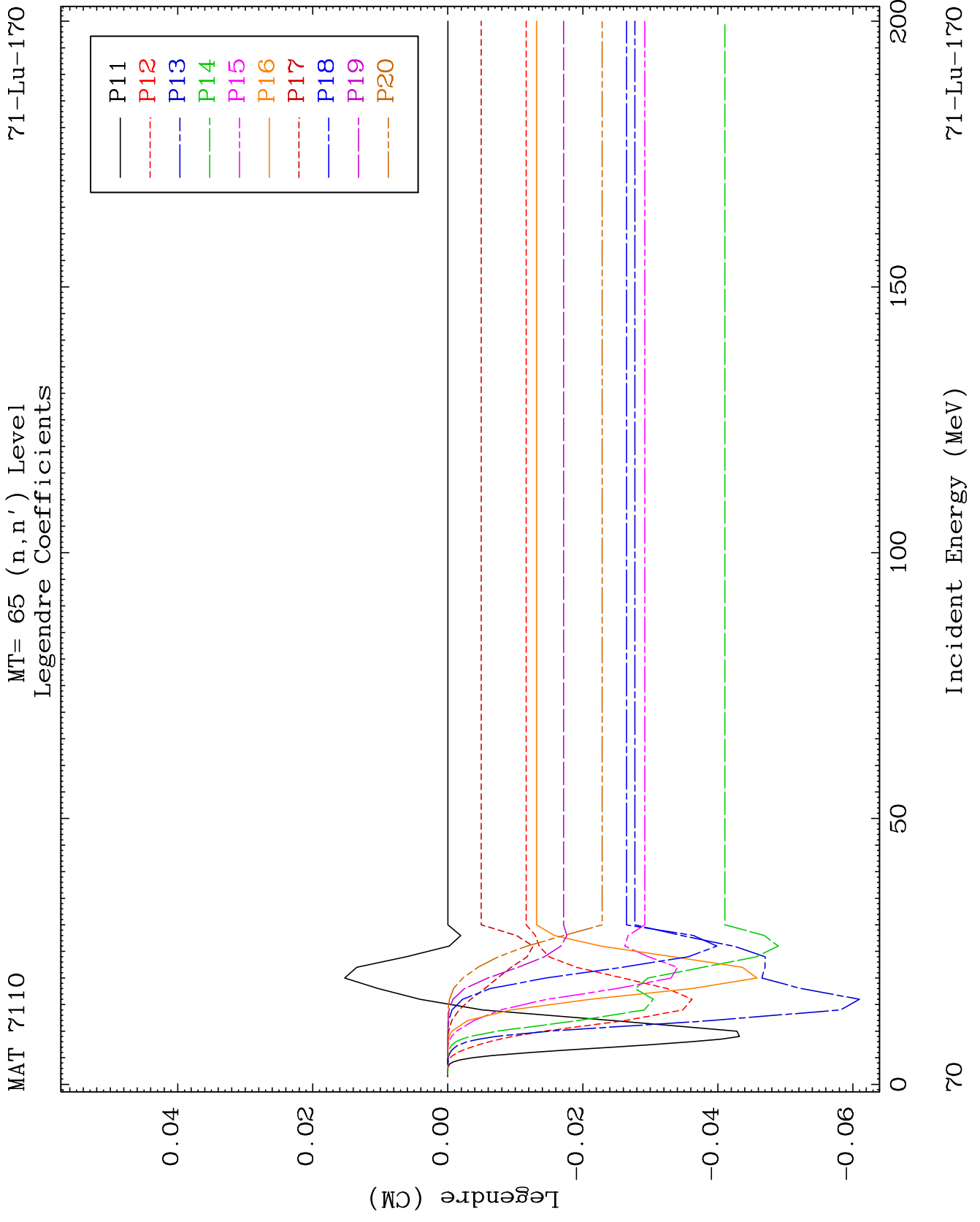


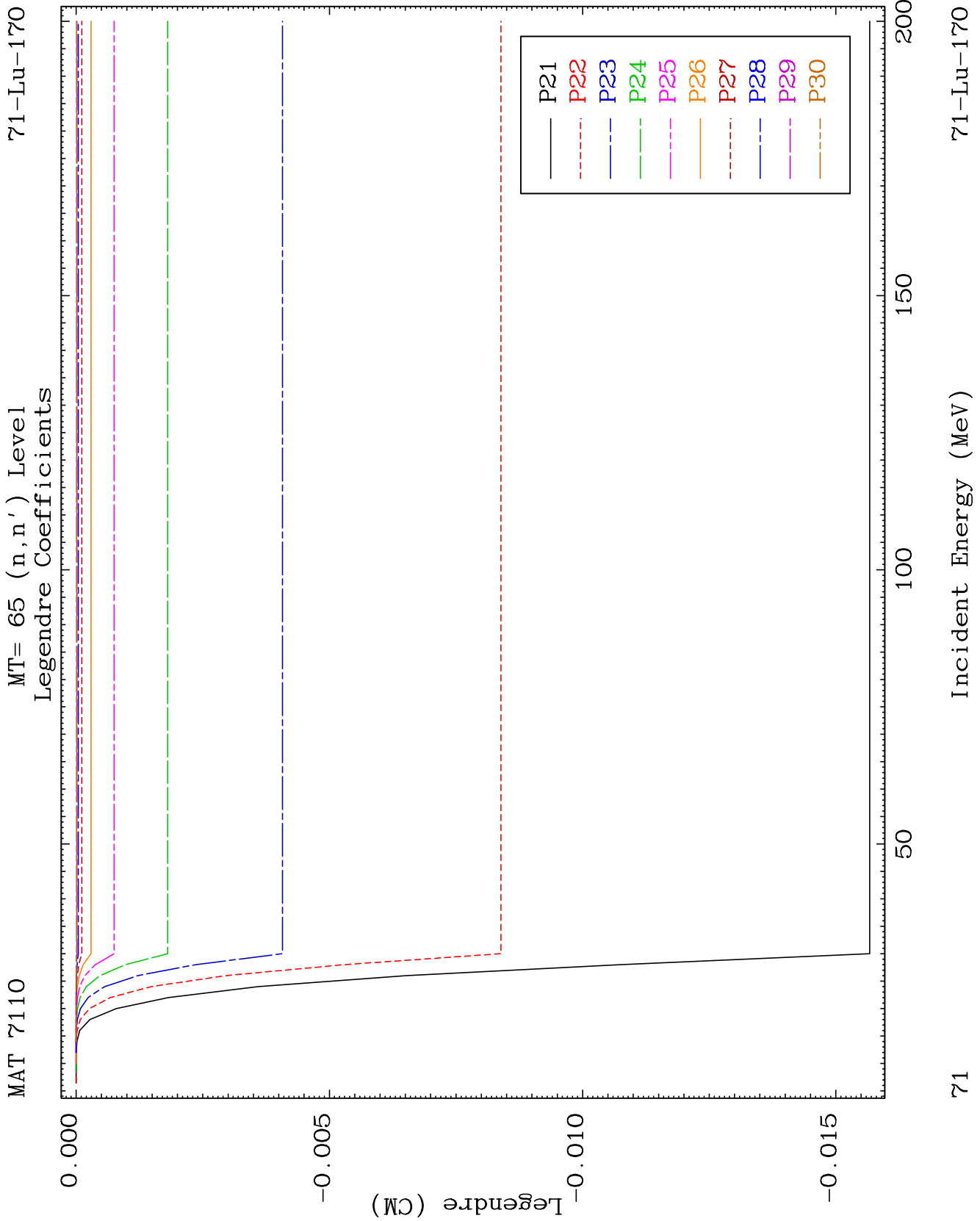




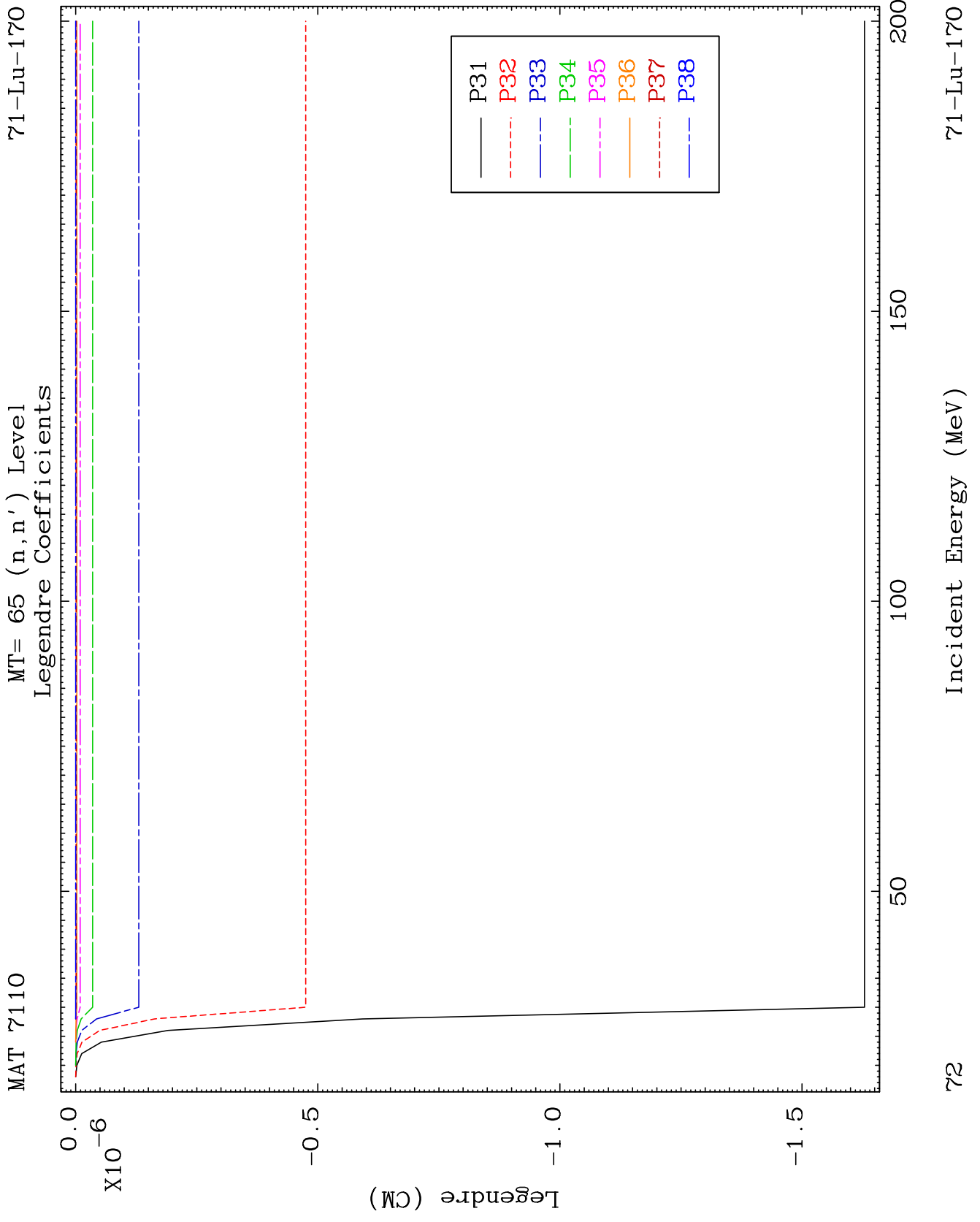


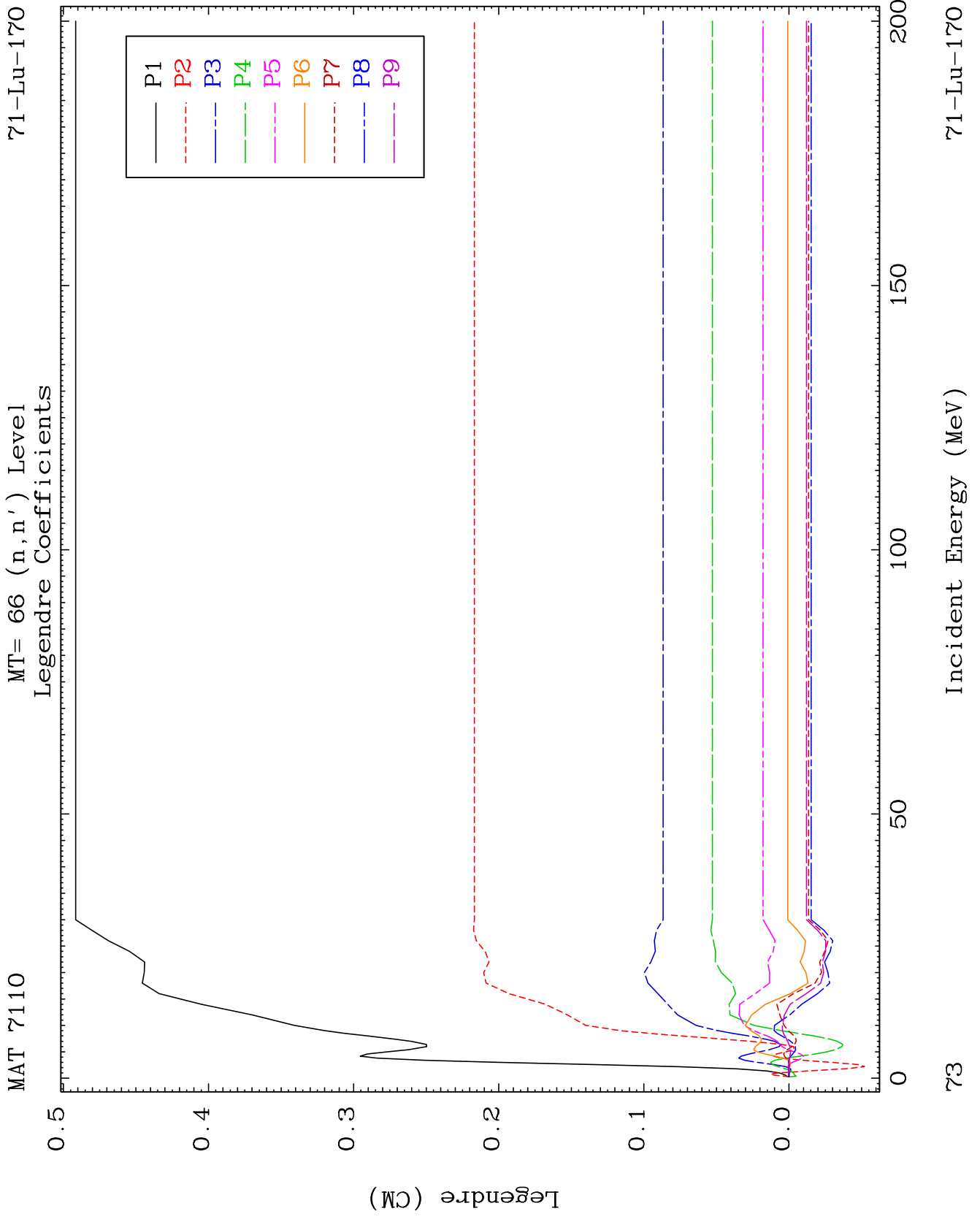




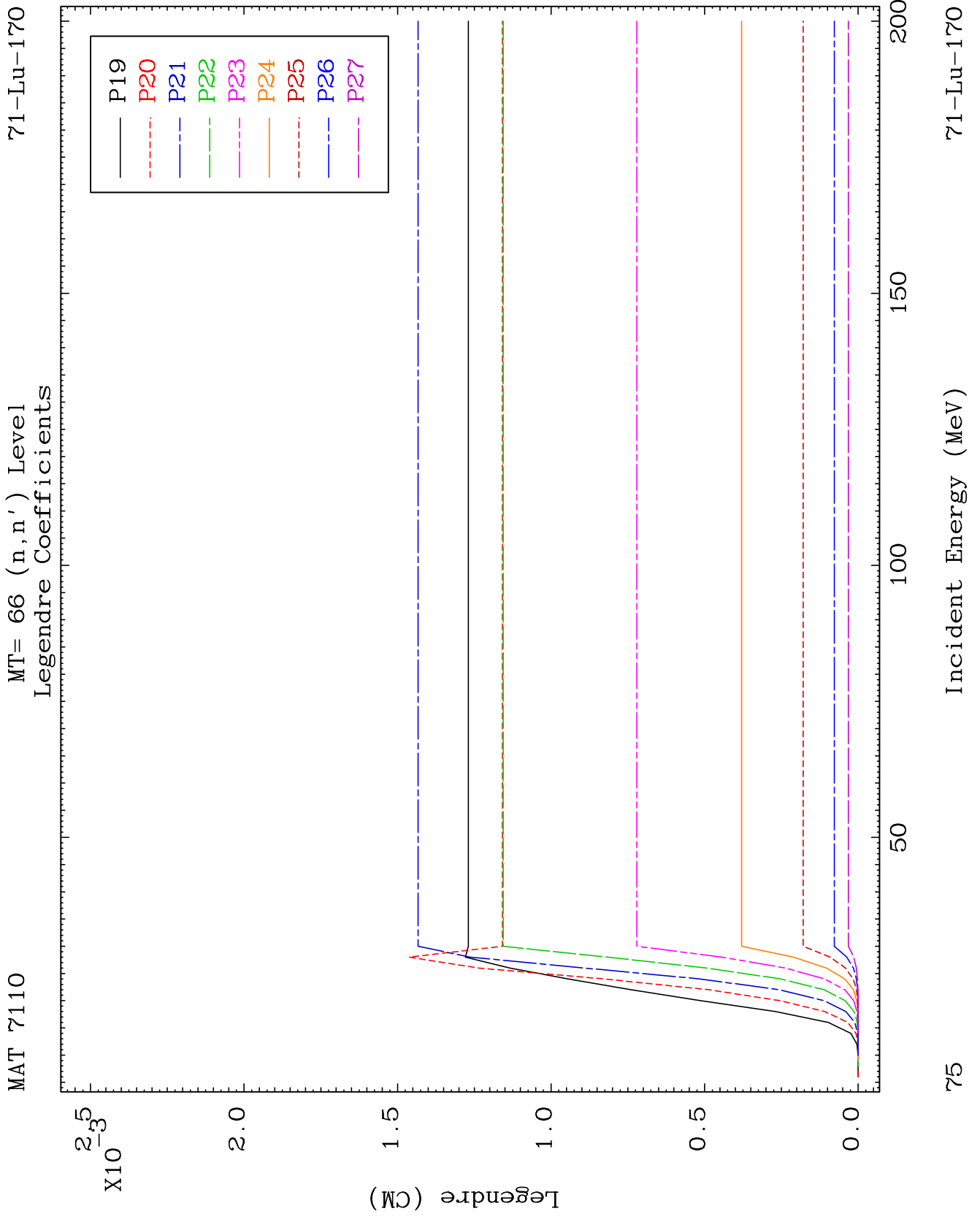


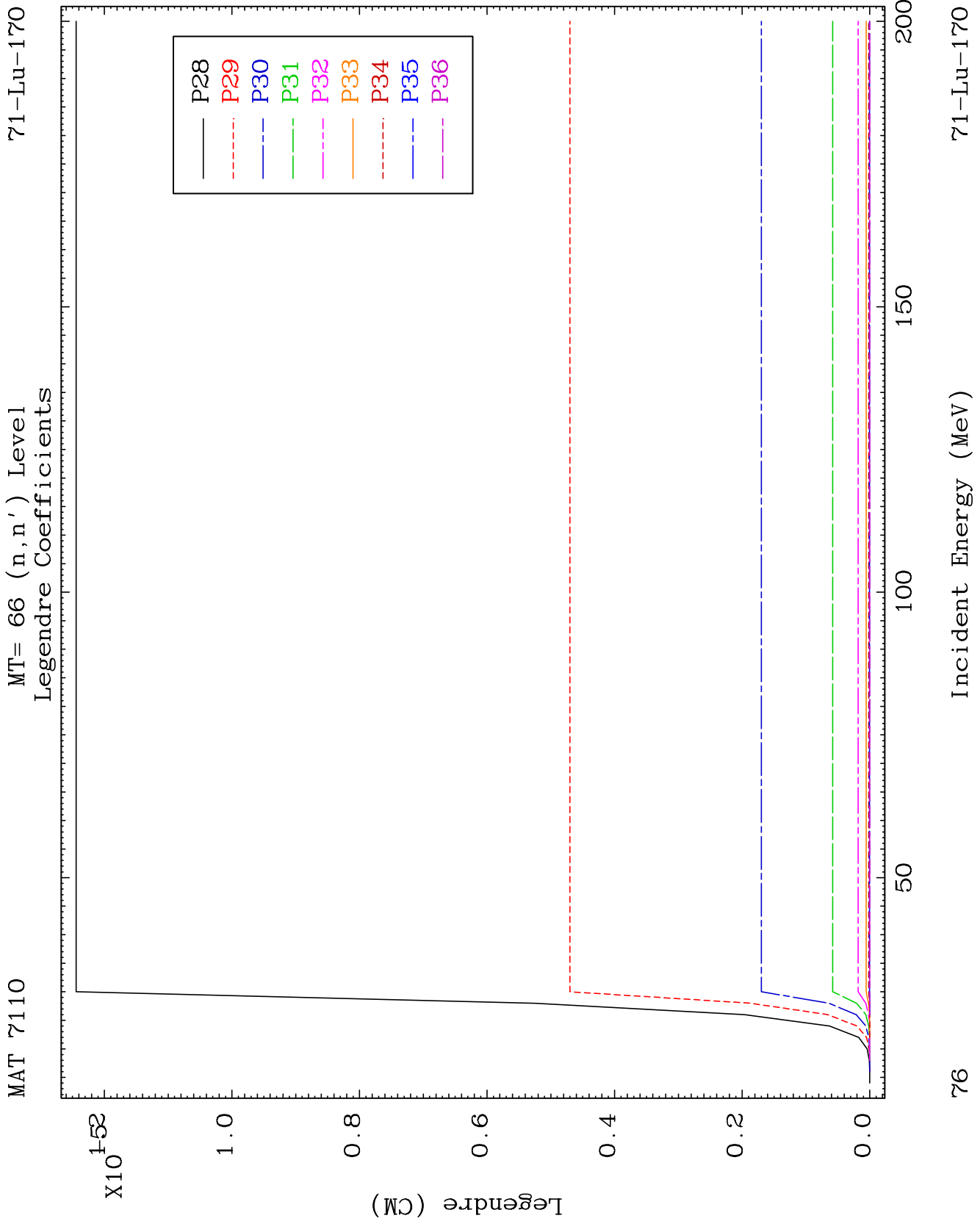


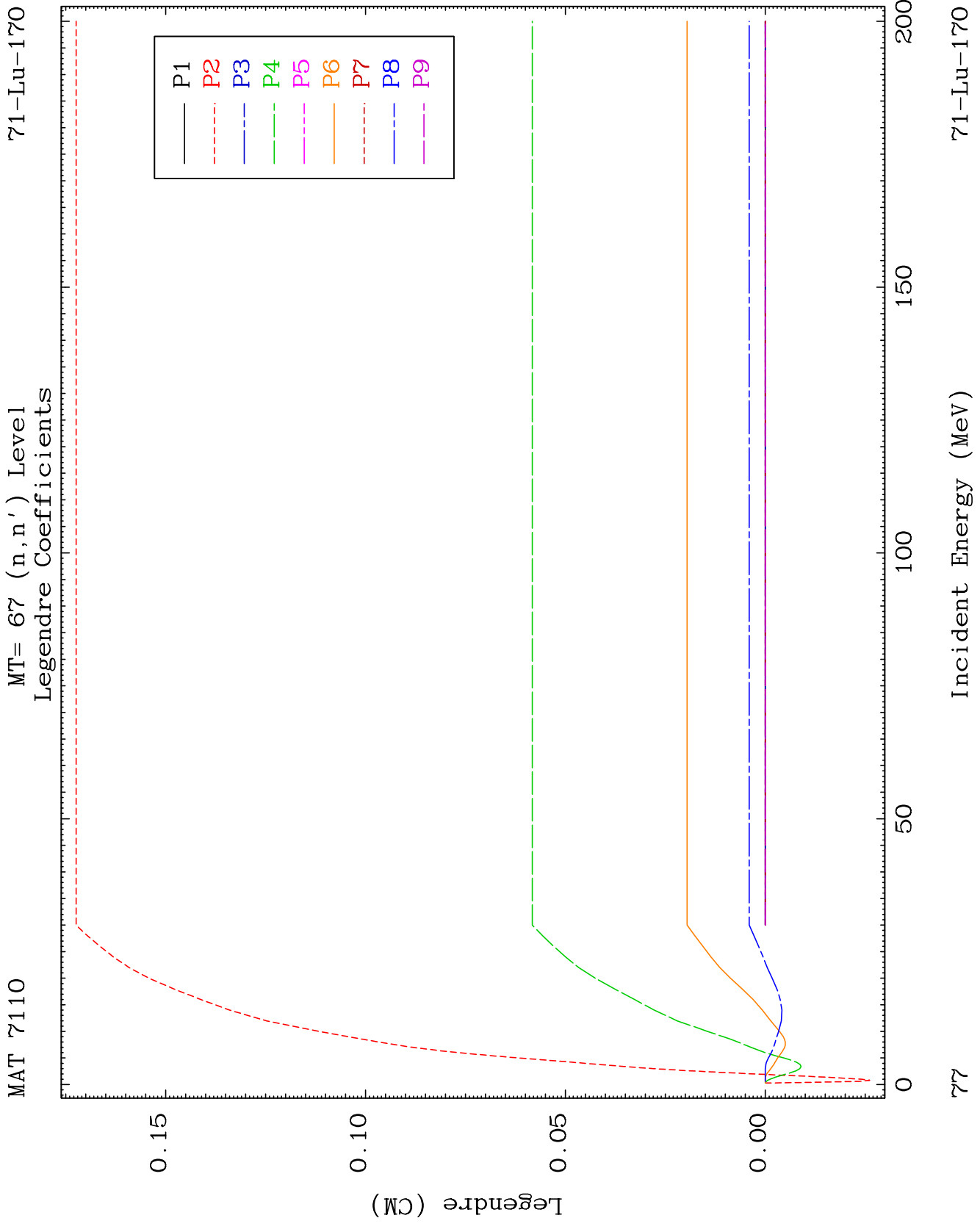








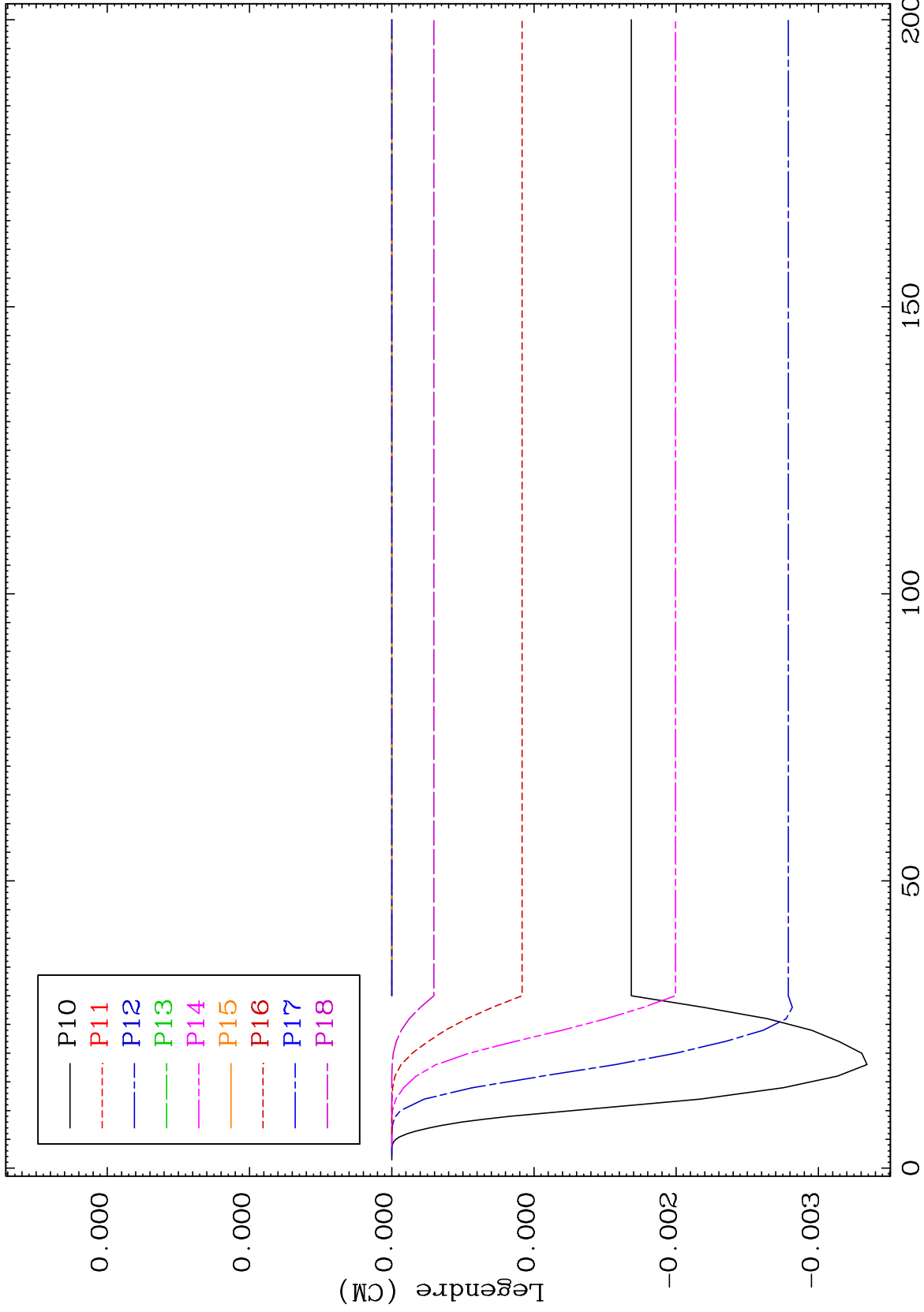




MAT 7110

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

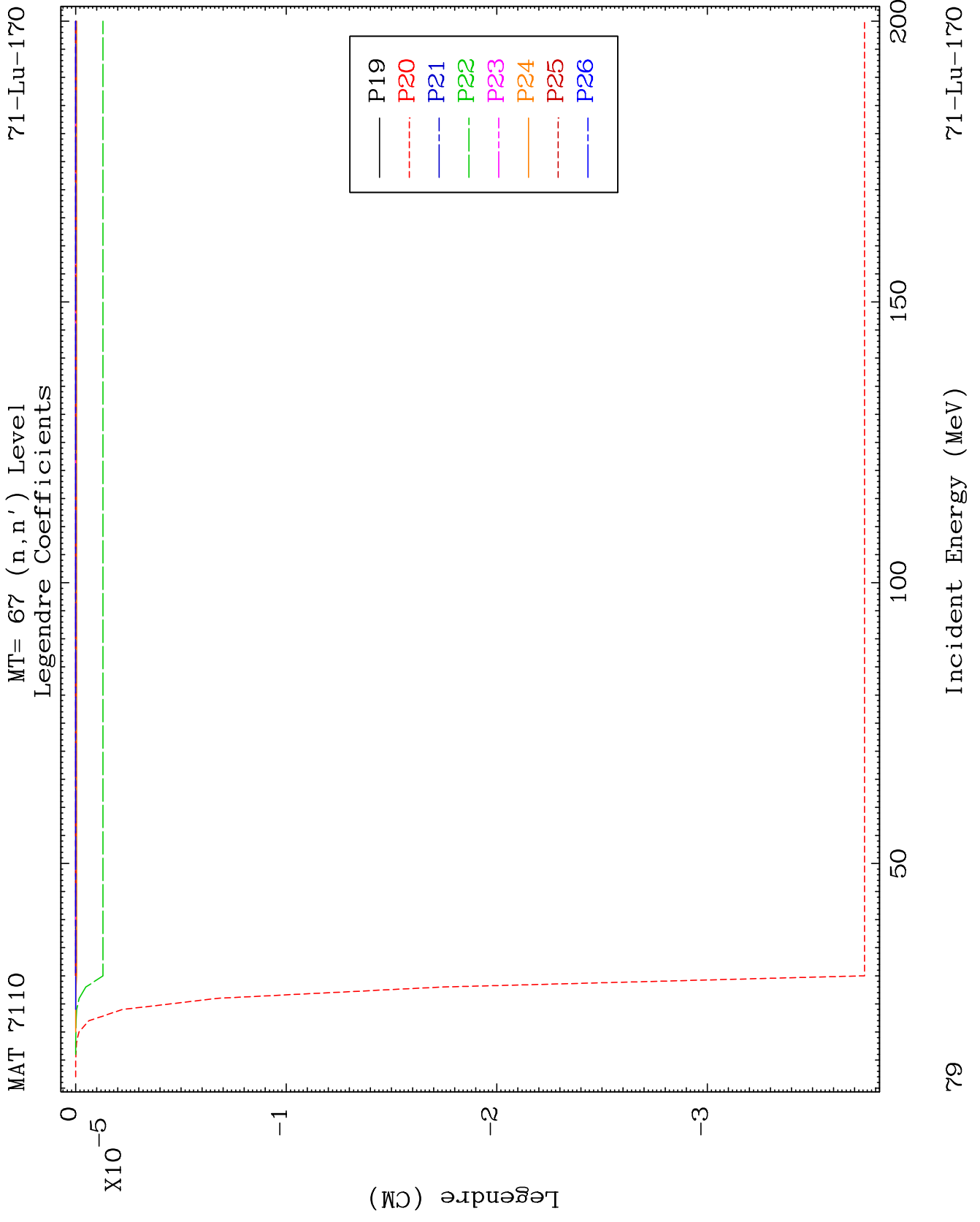
71-Lu-170



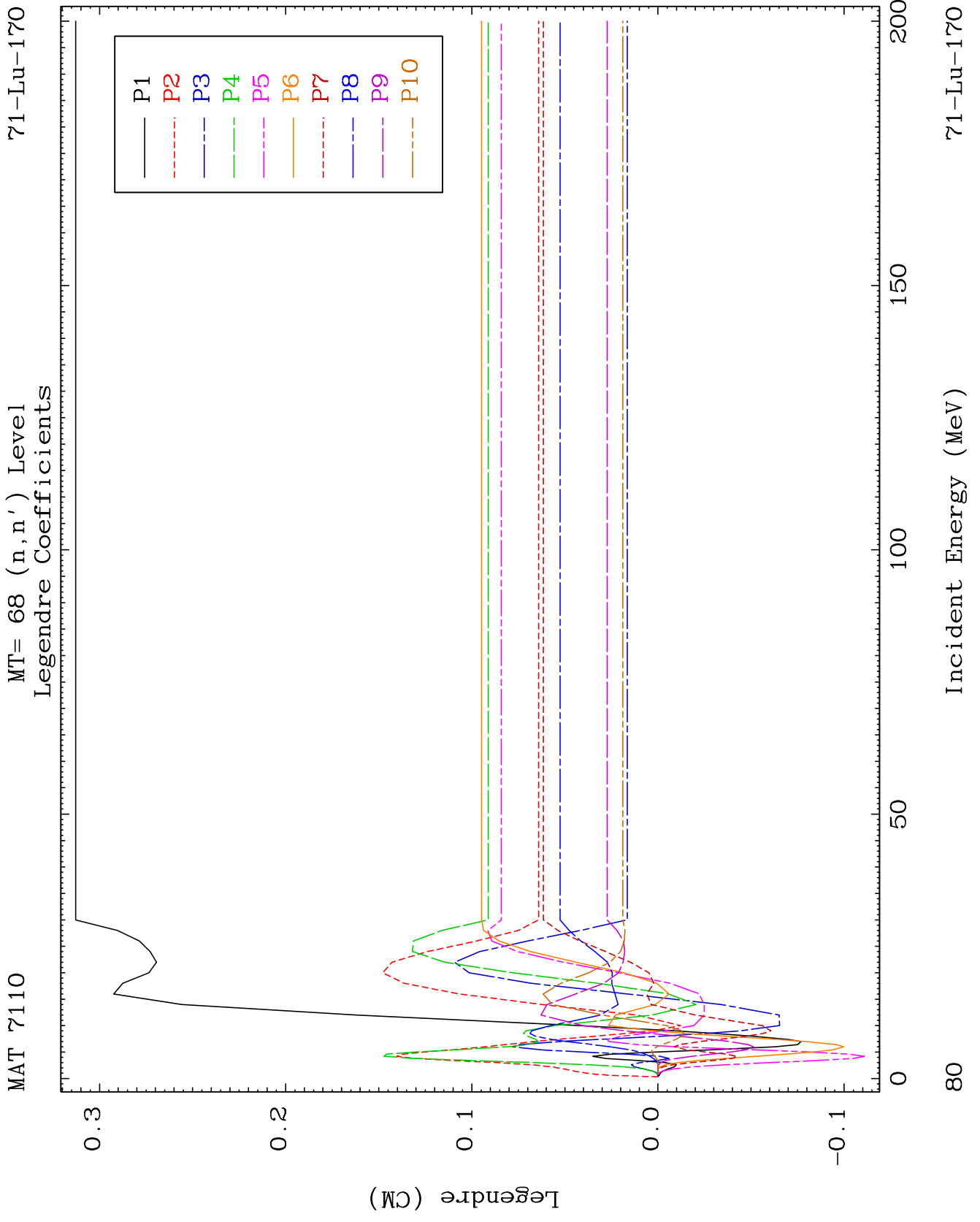
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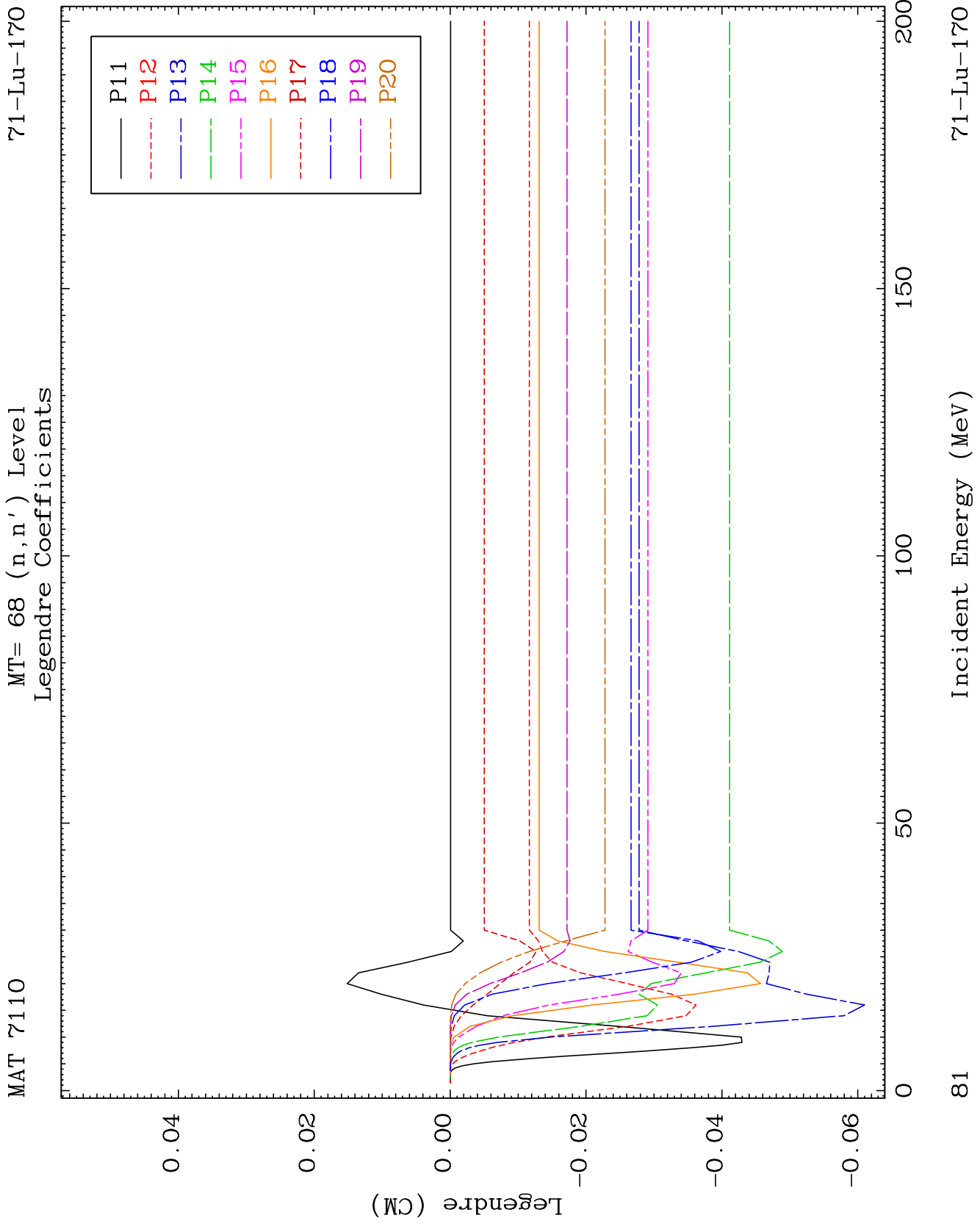
Incident Energy (MeV)

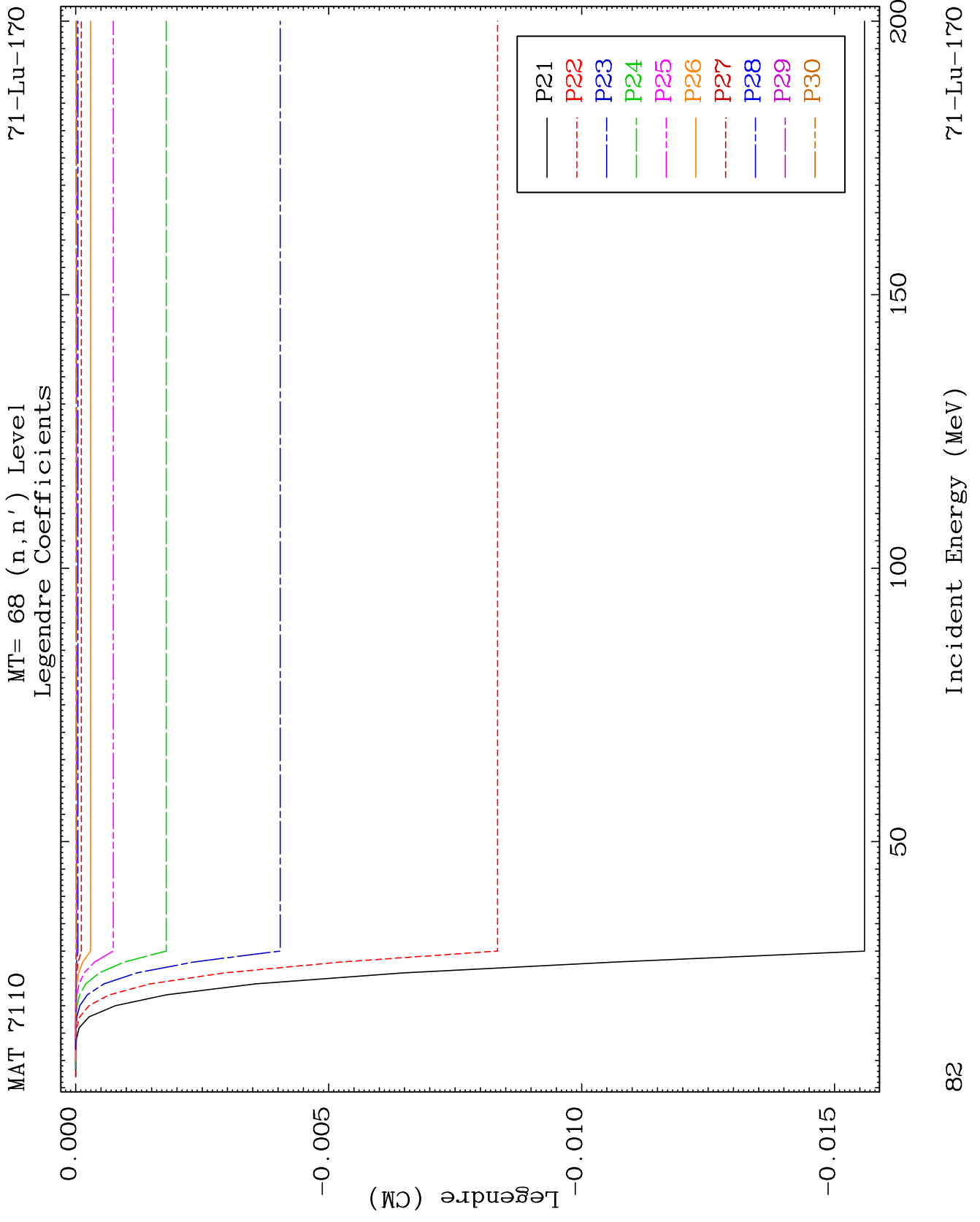
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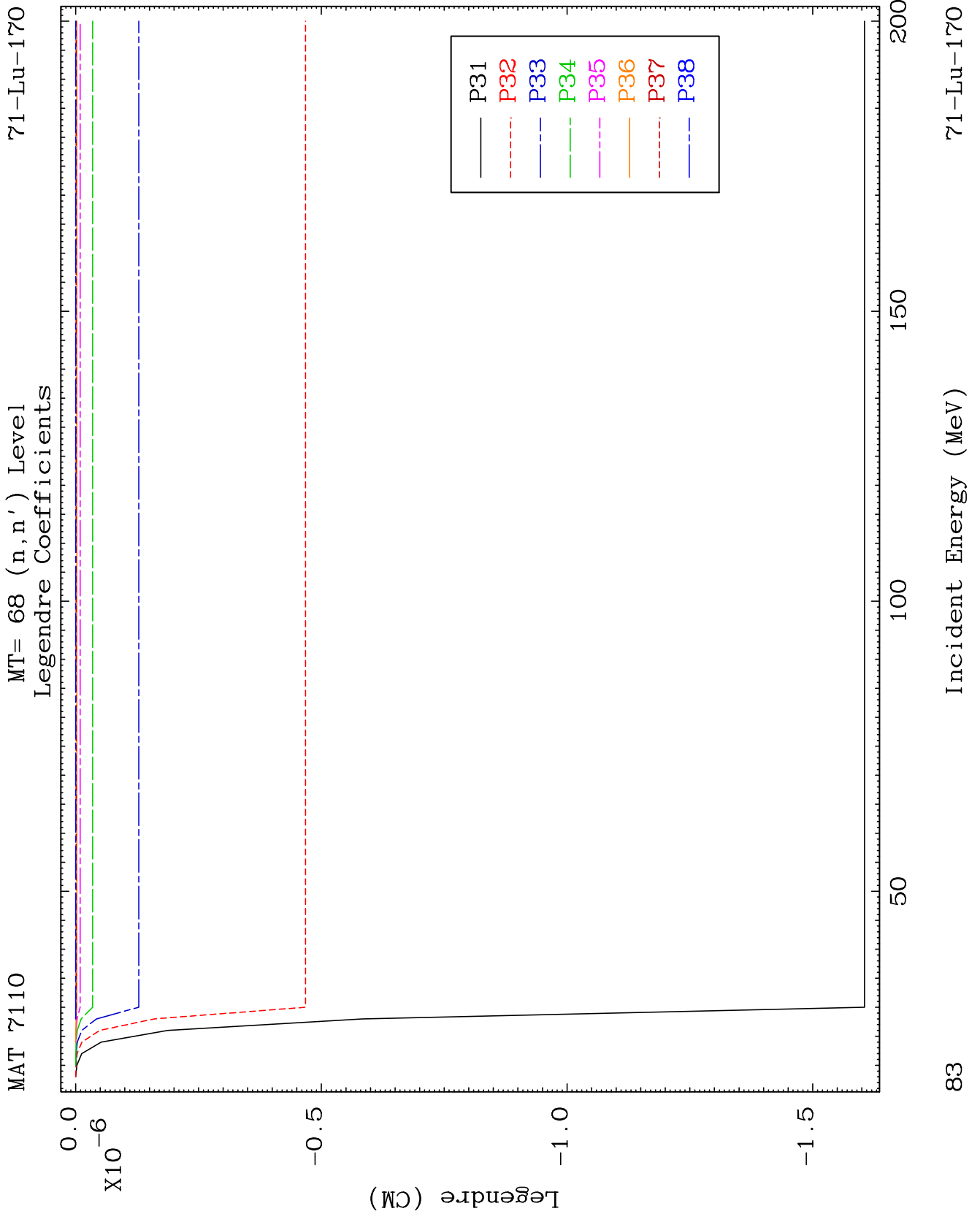




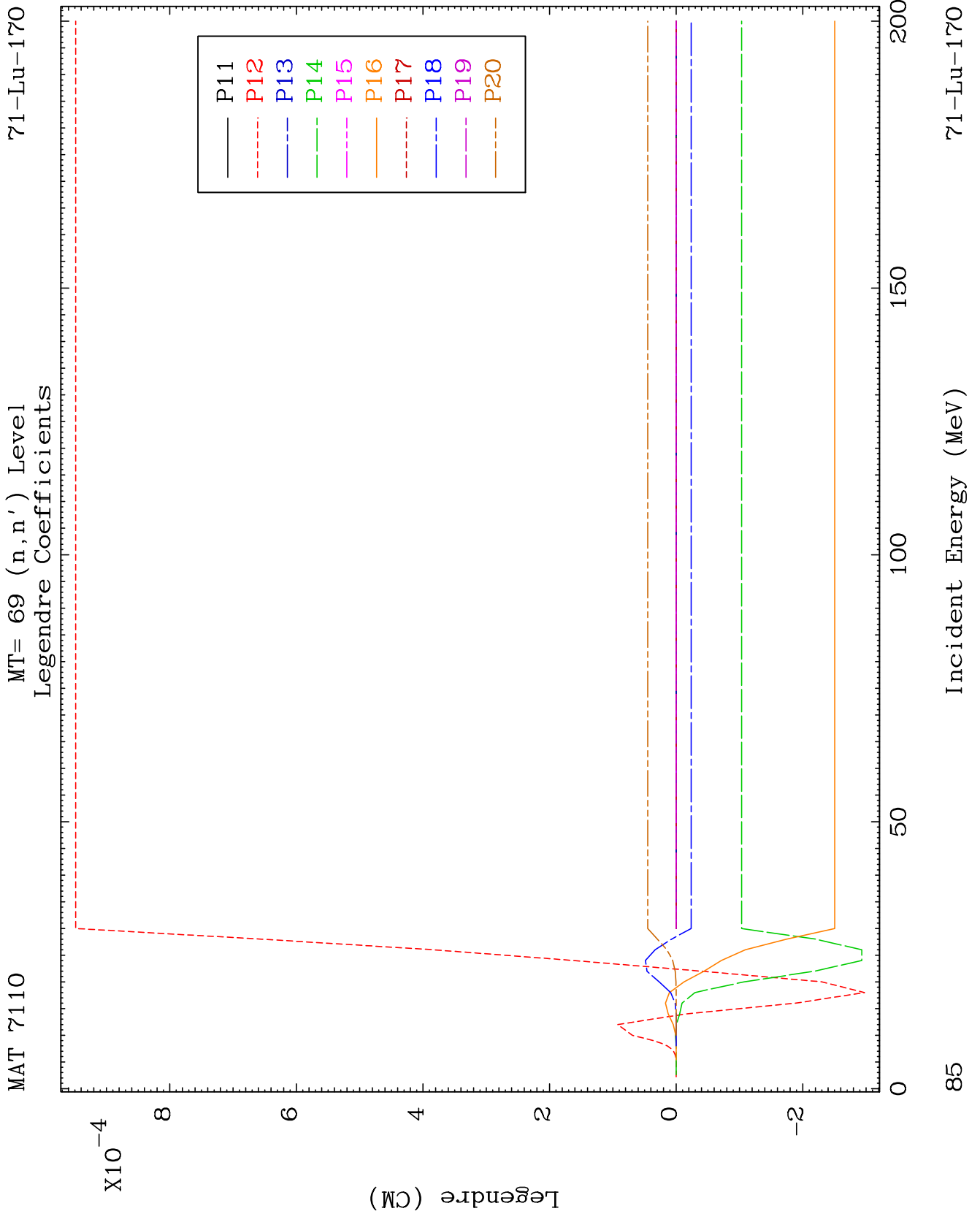


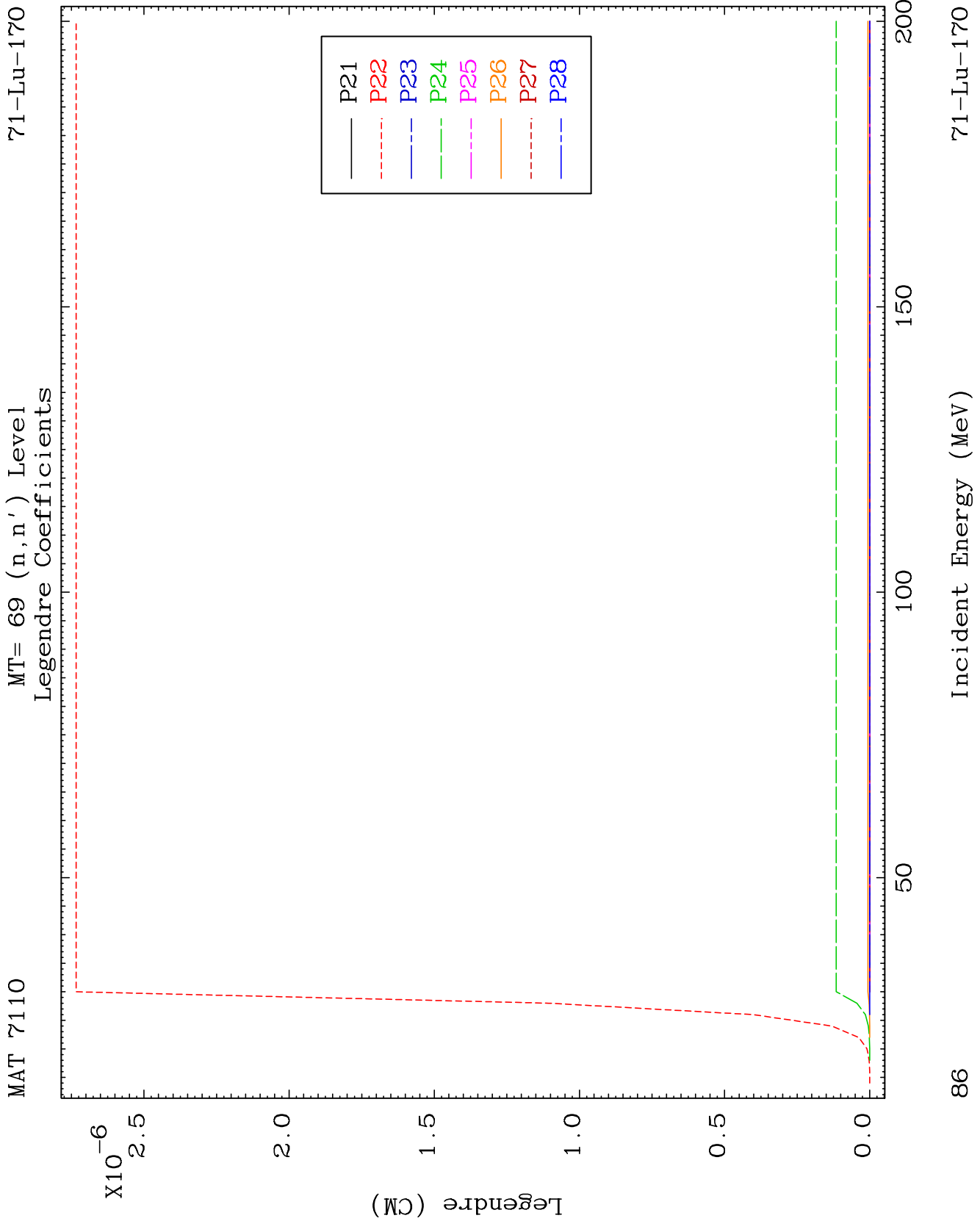


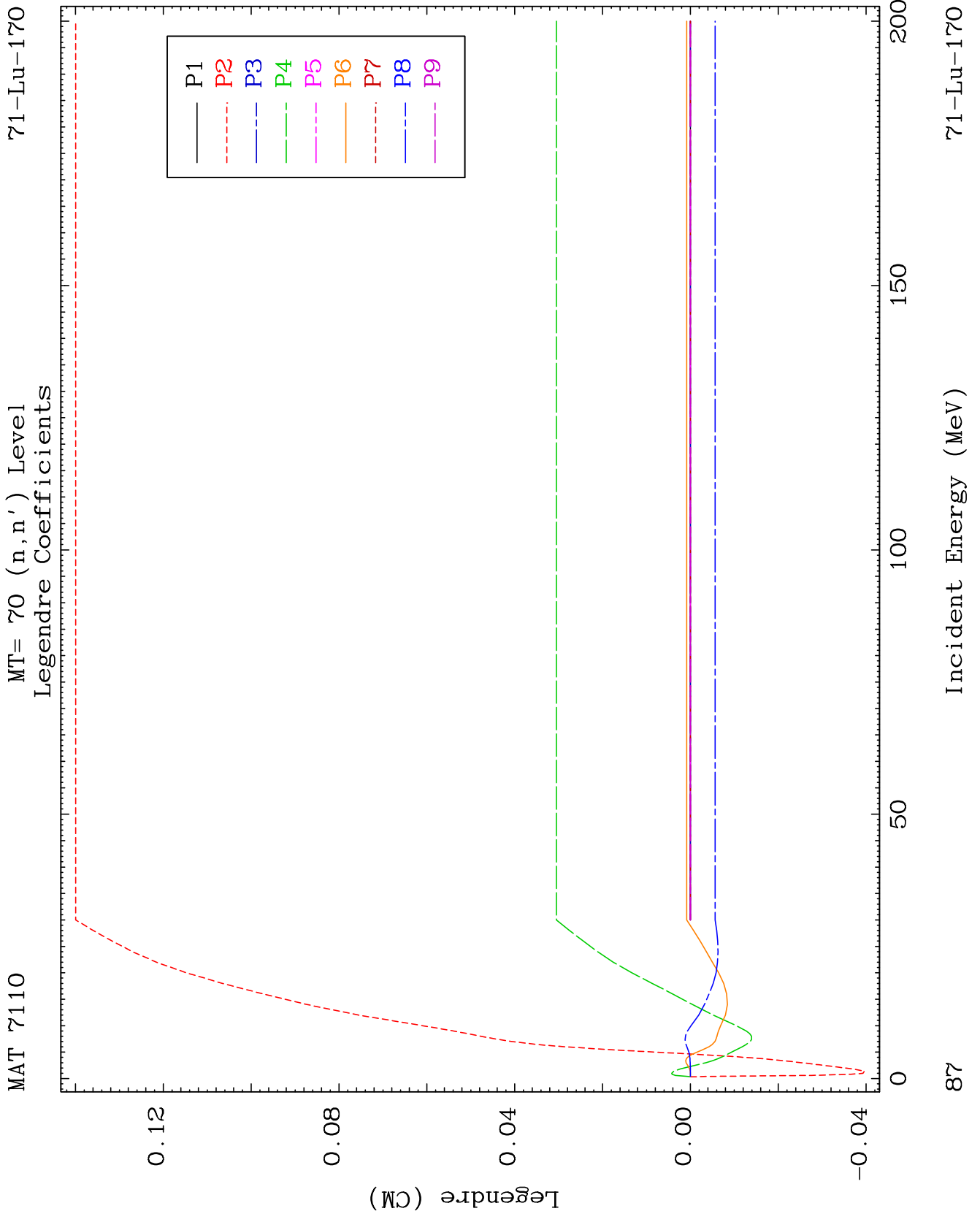










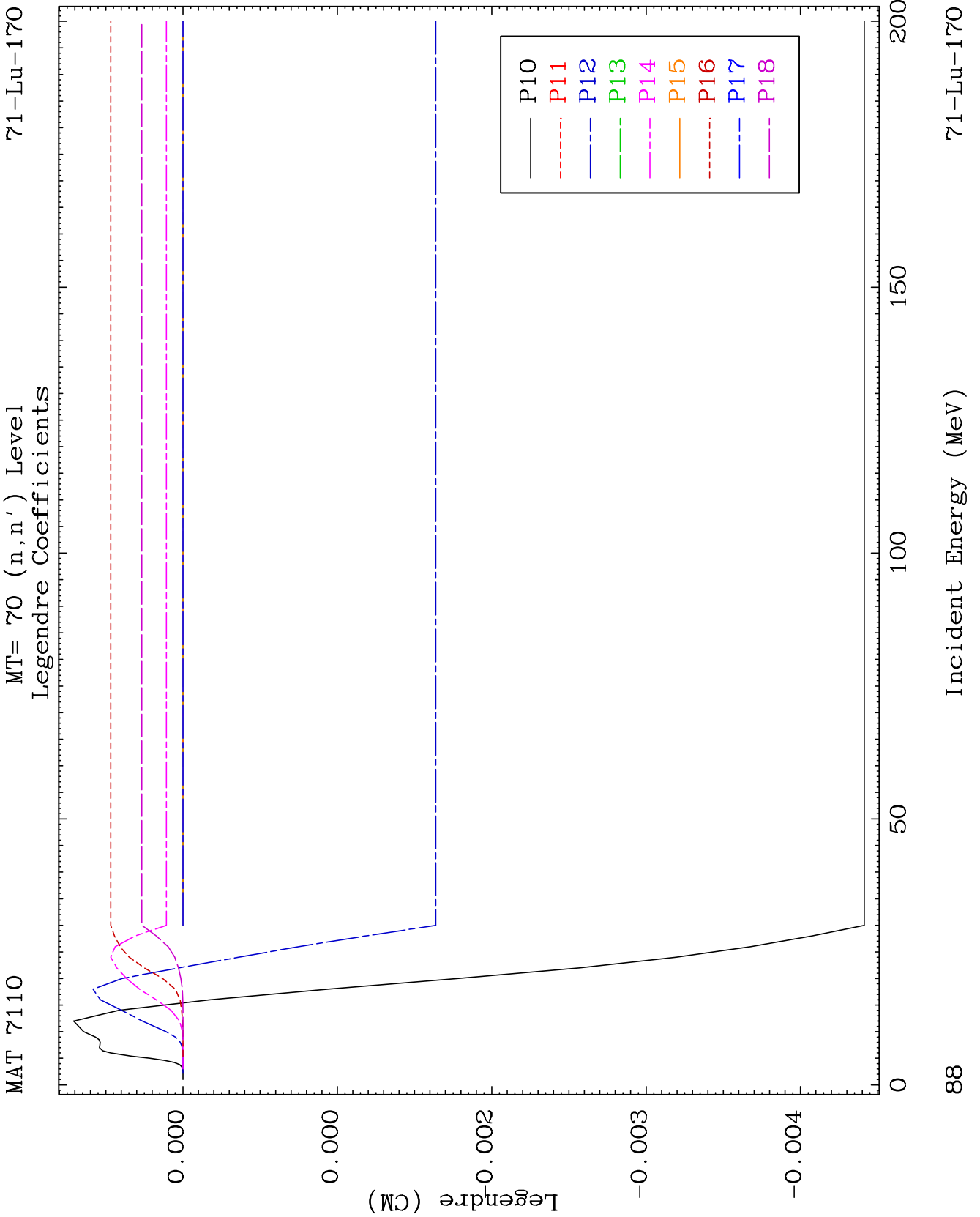


71-Lu-170

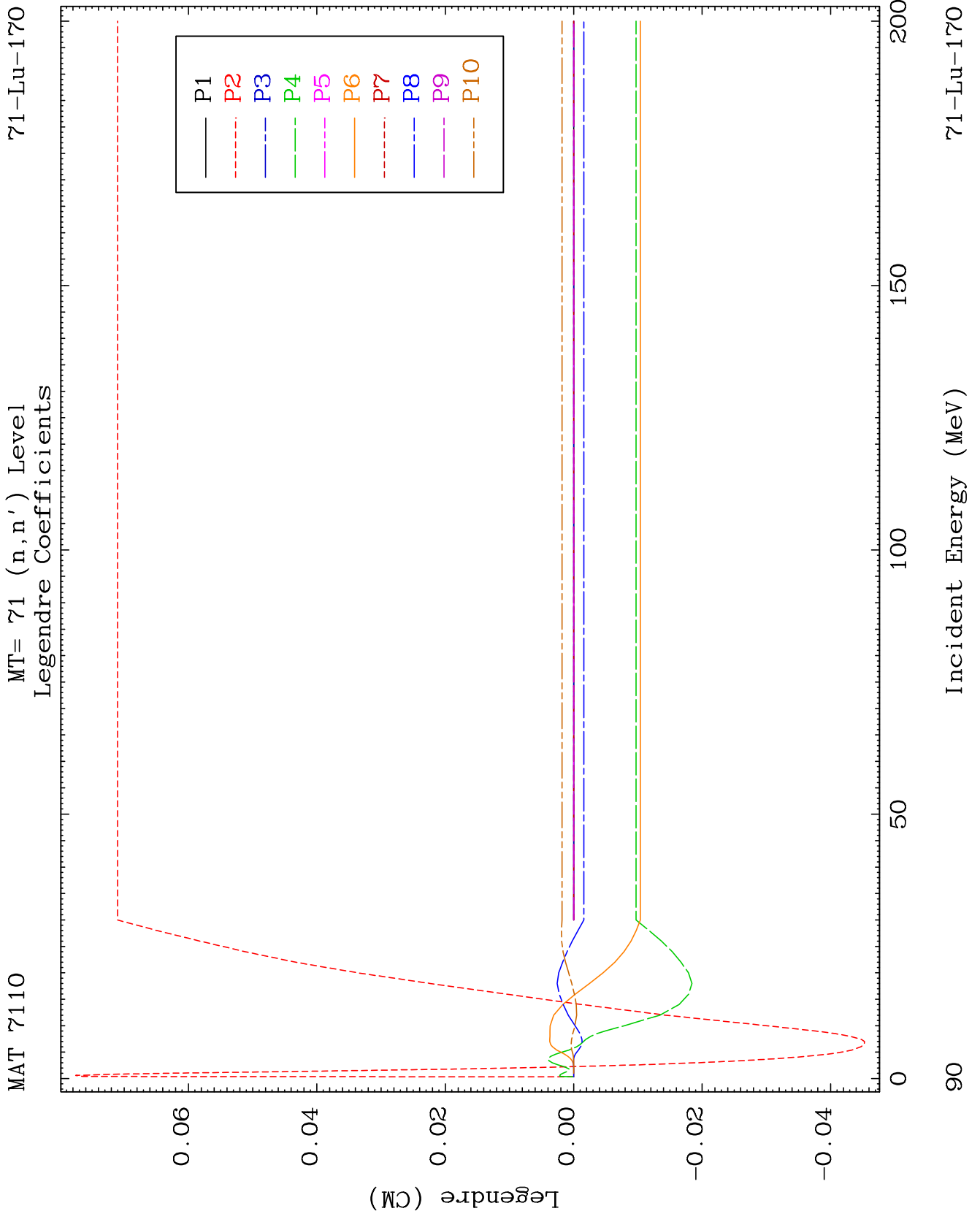
Incident Energy (MeV)

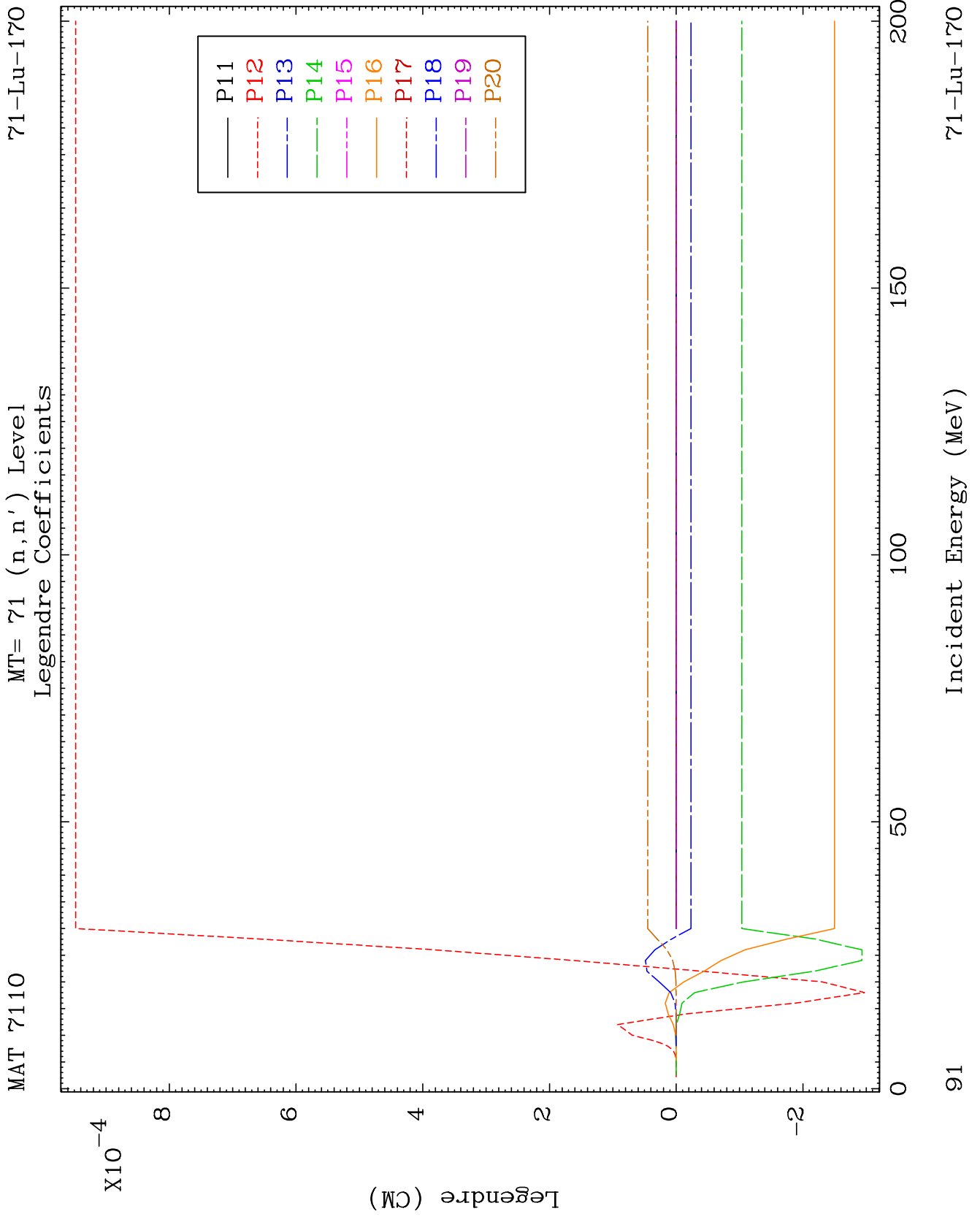
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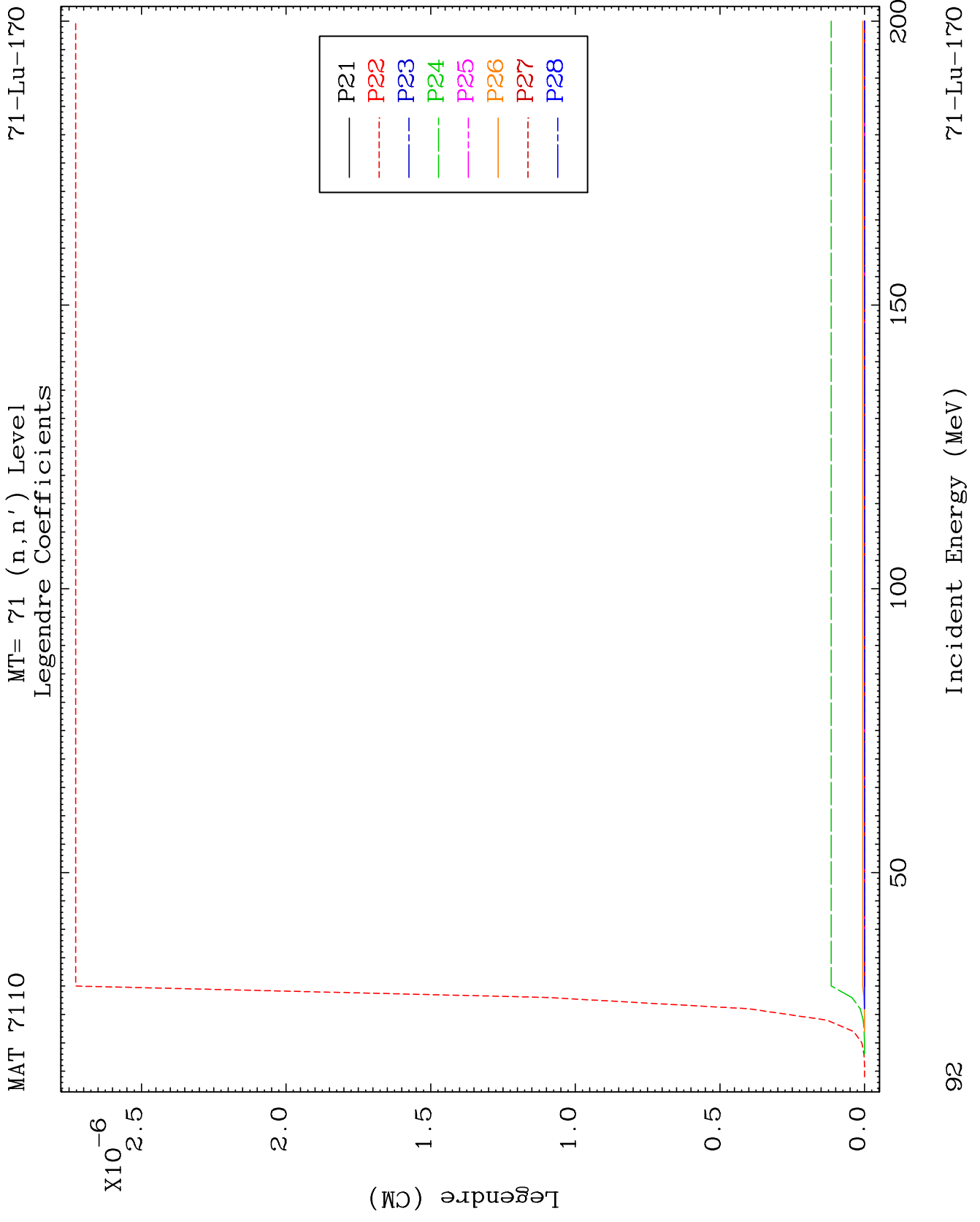


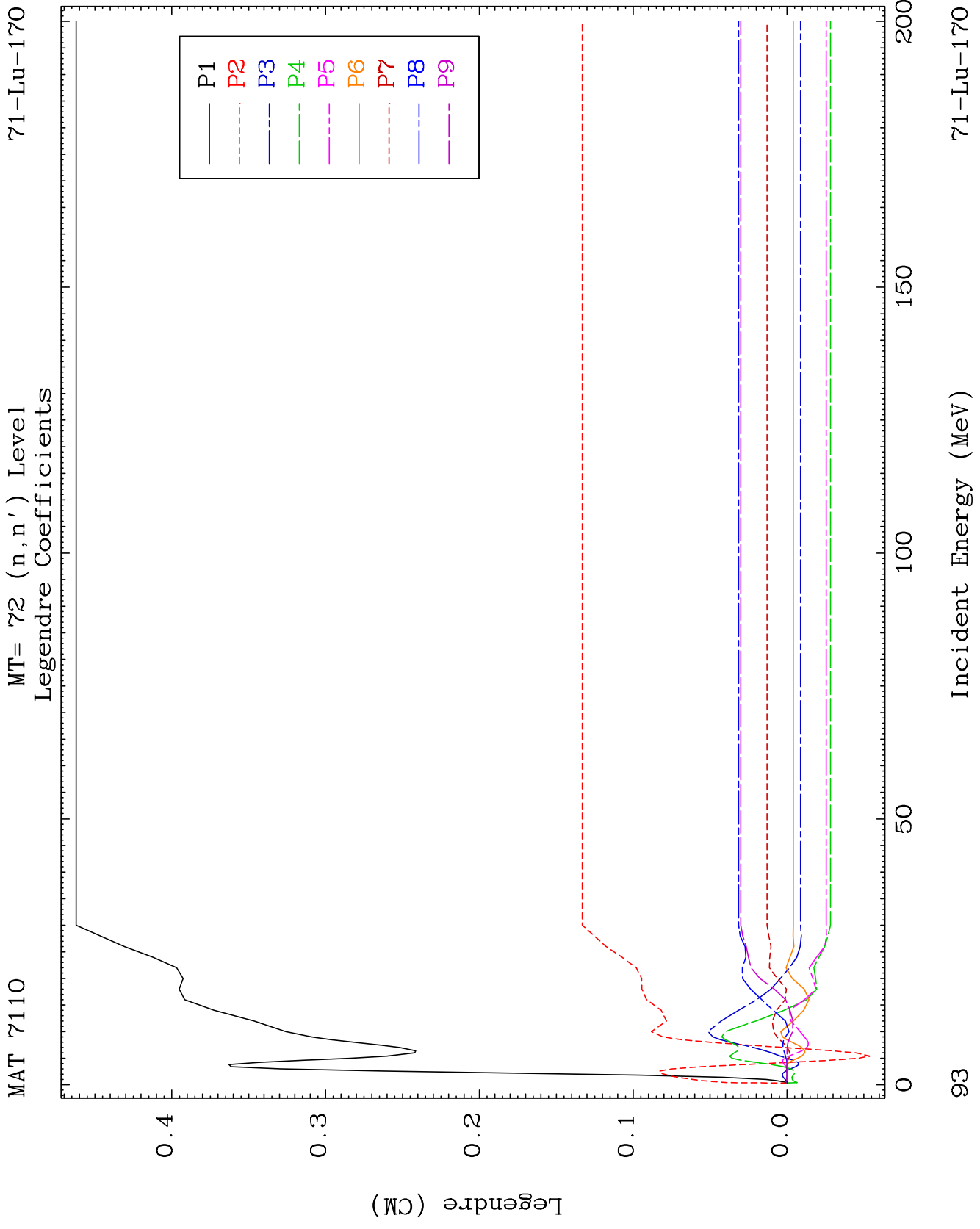


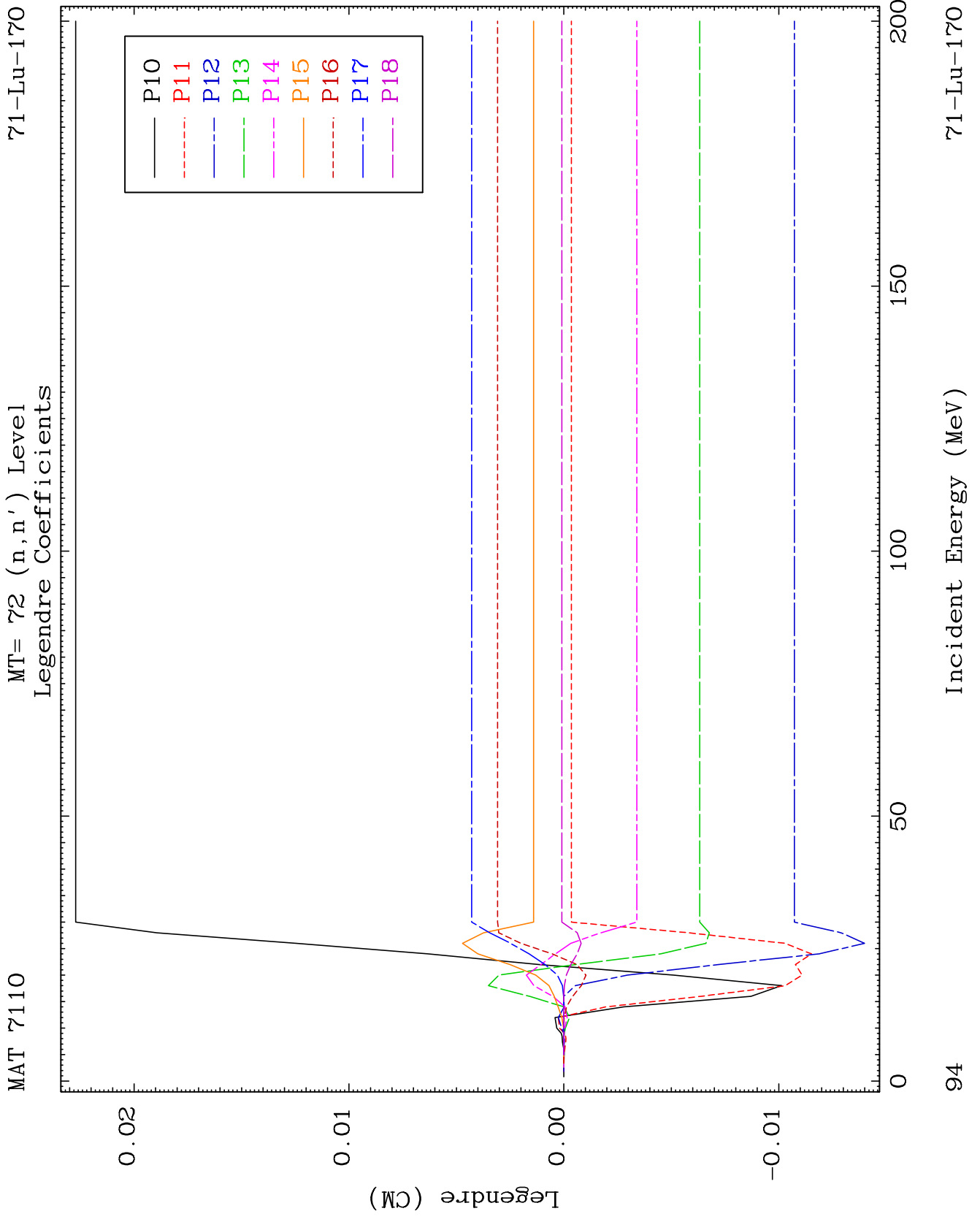








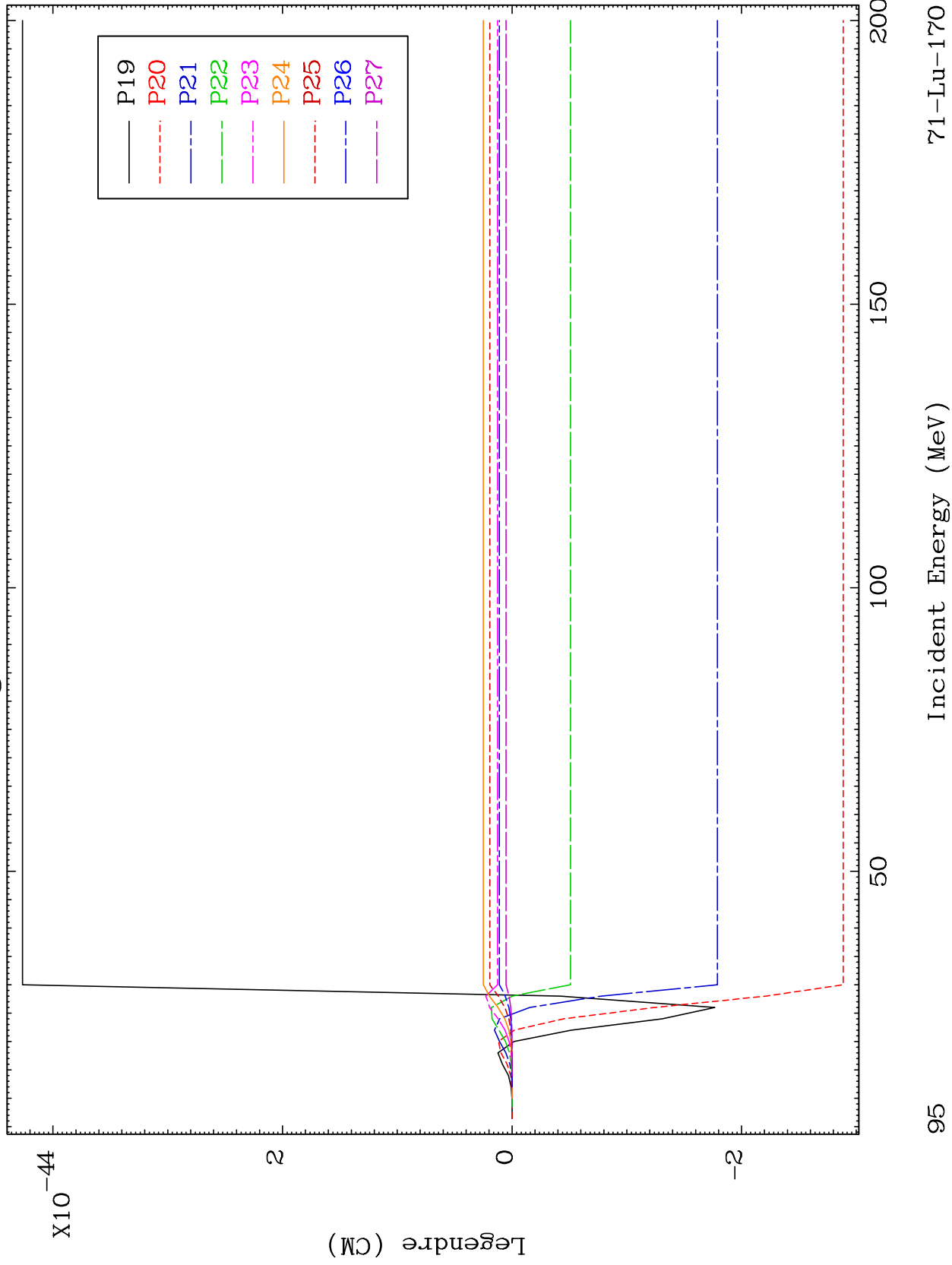




MAT 7110

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

71-Lu-170

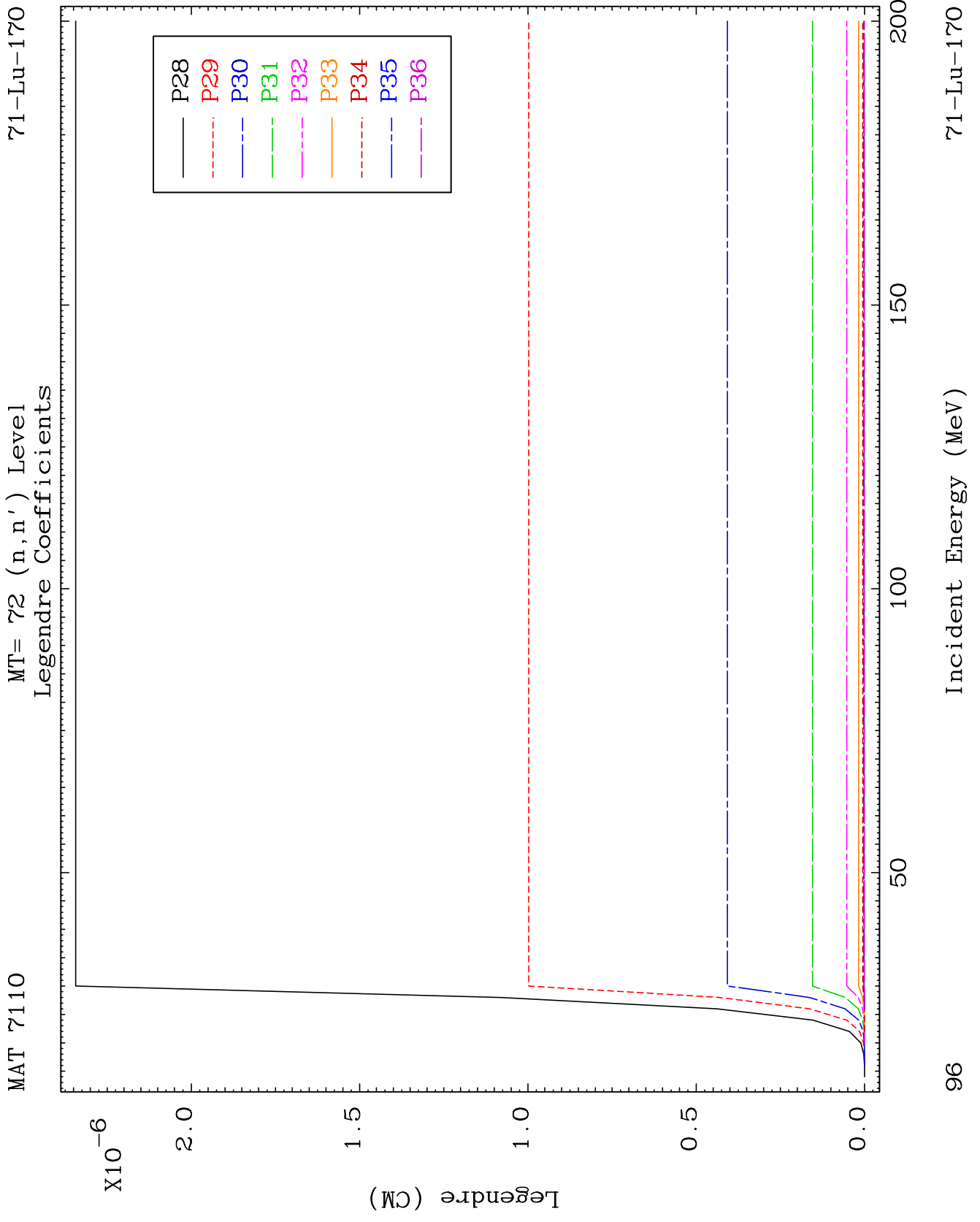


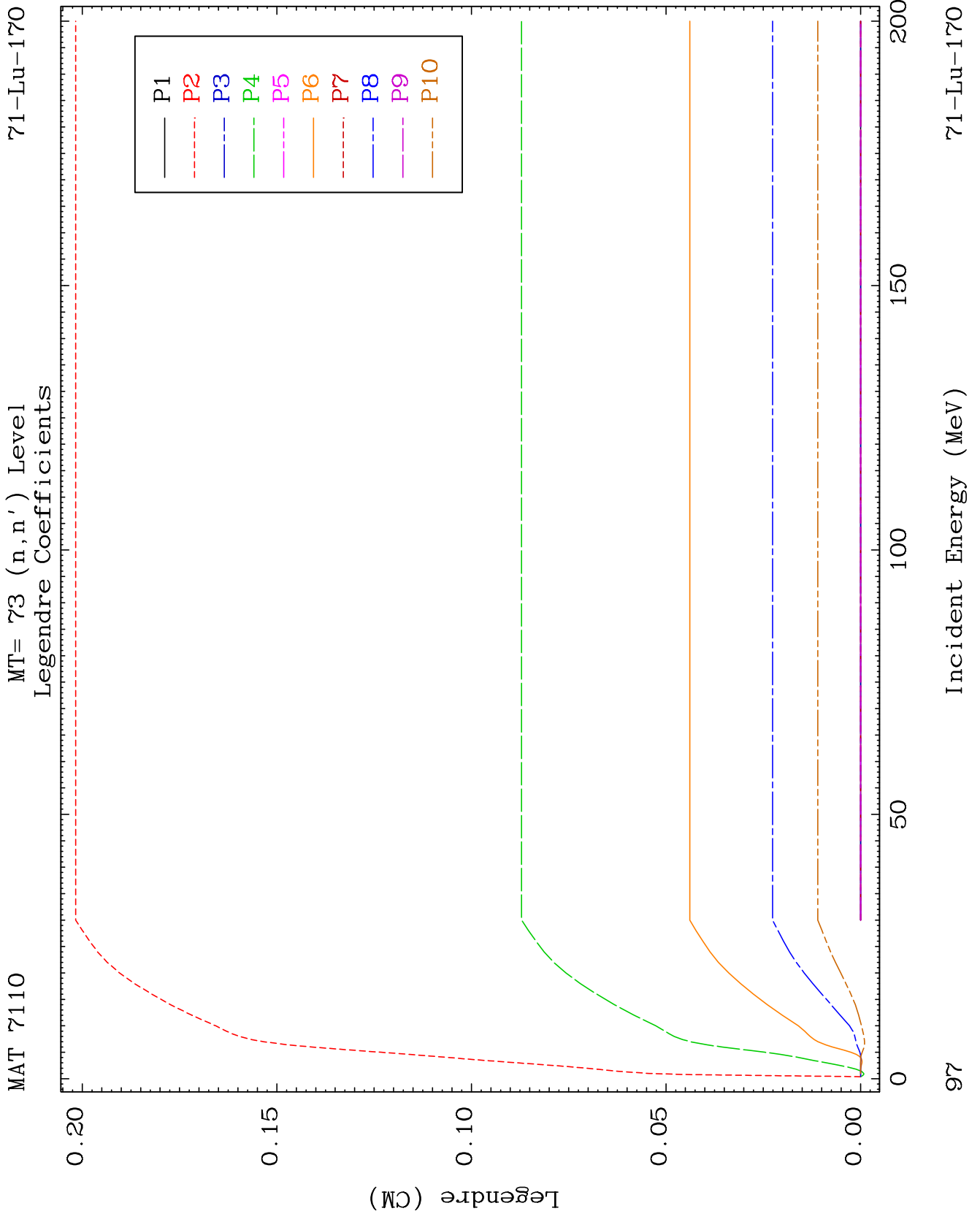
95

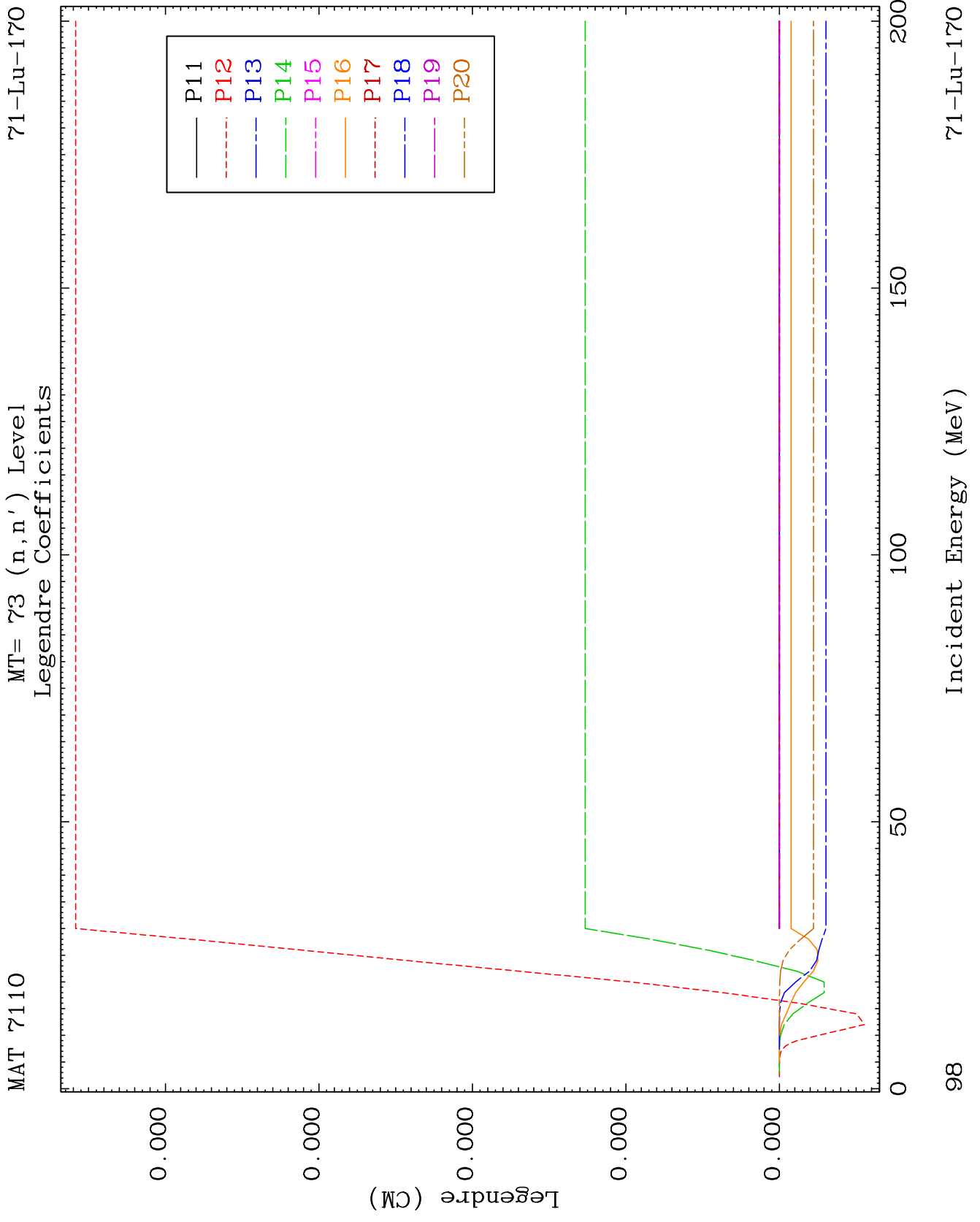
Incident Energy (MeV)

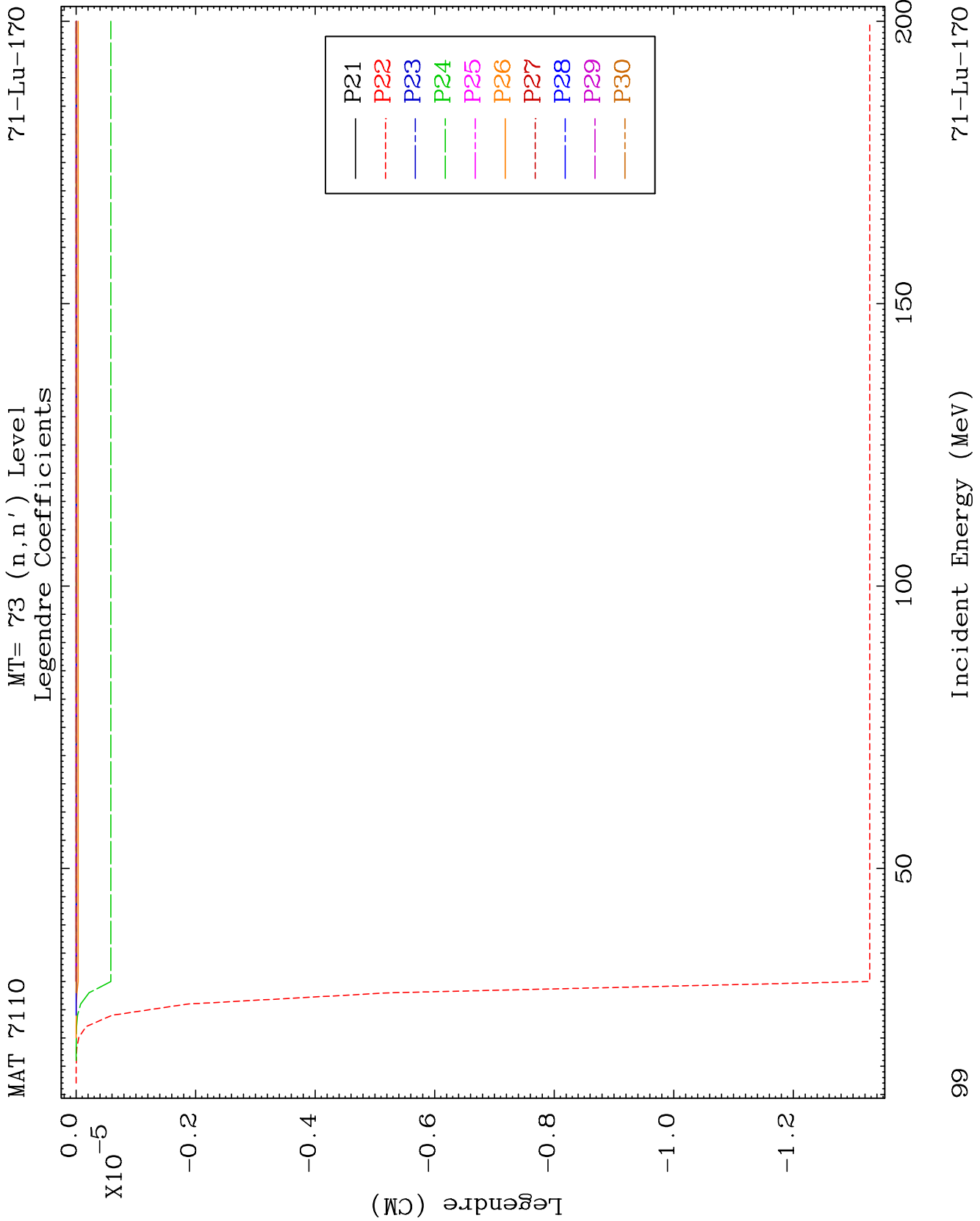
71-Lu-170

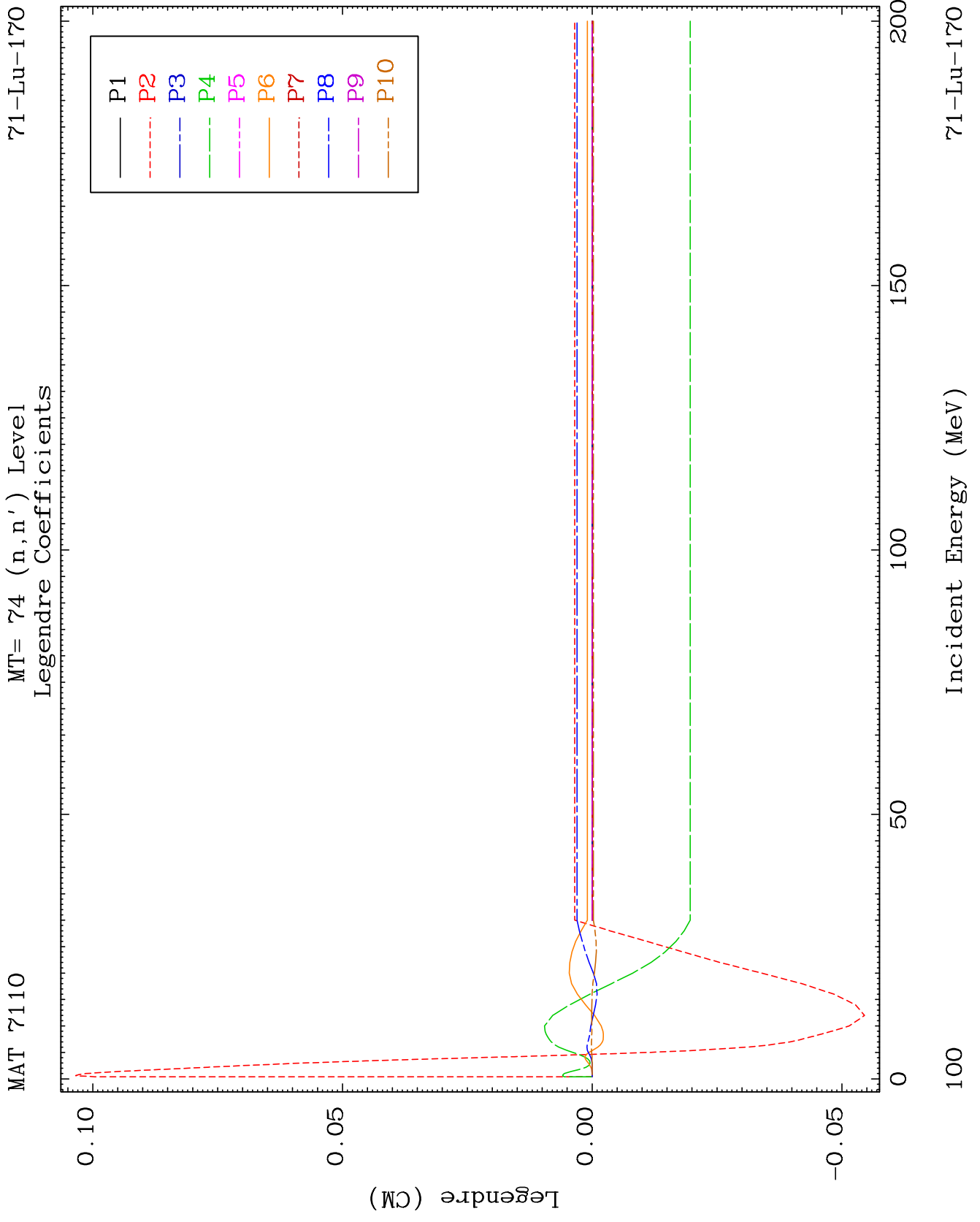


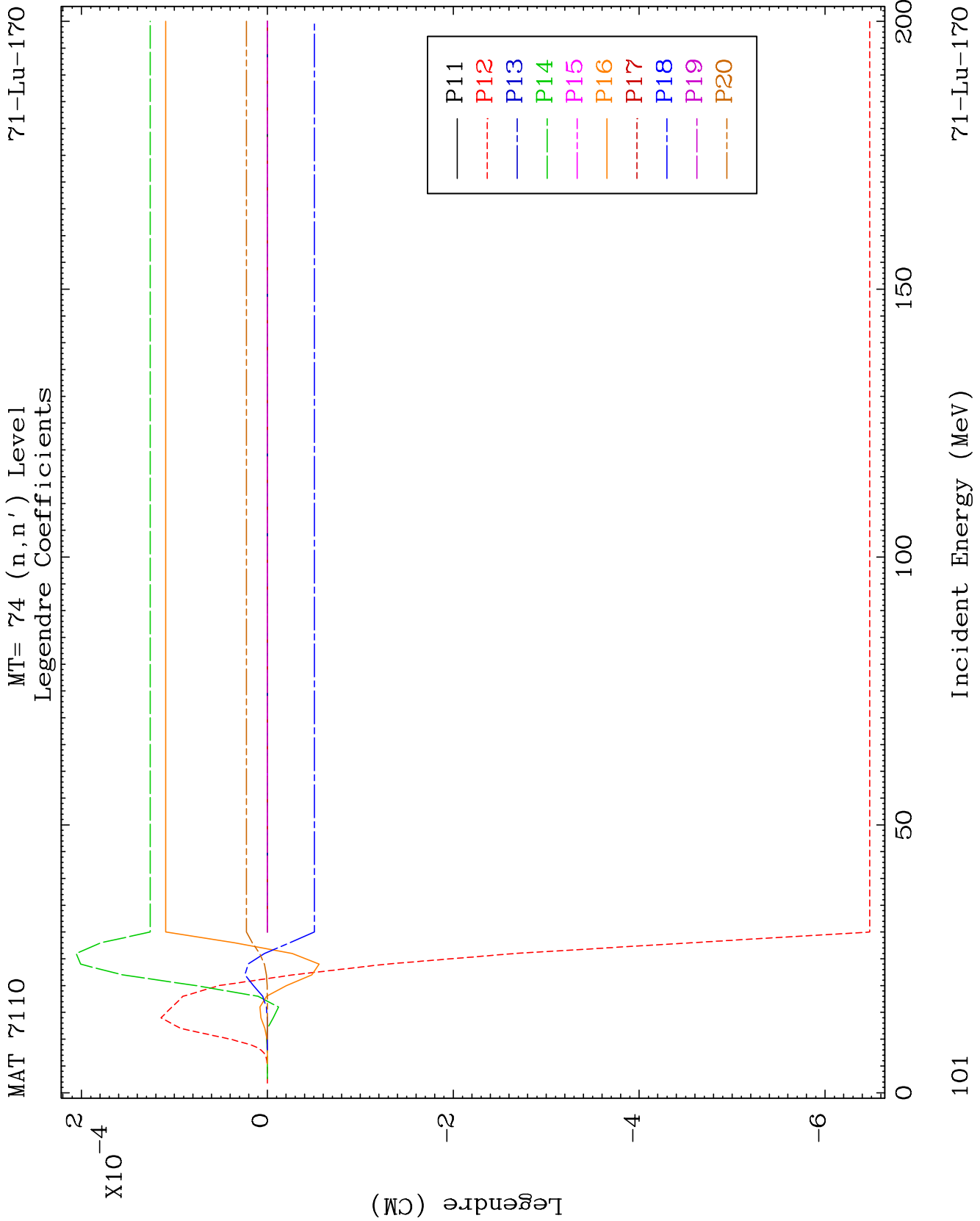




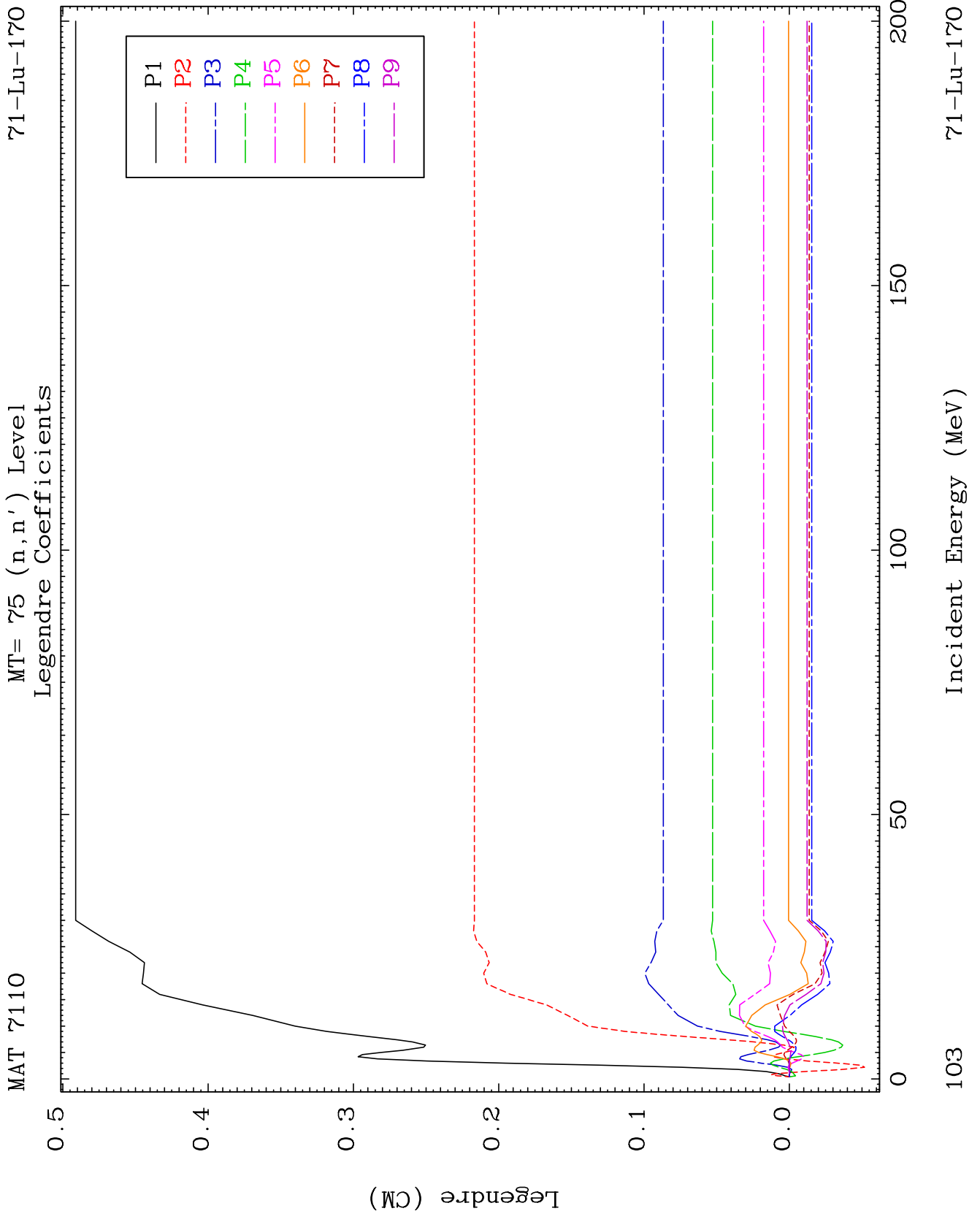




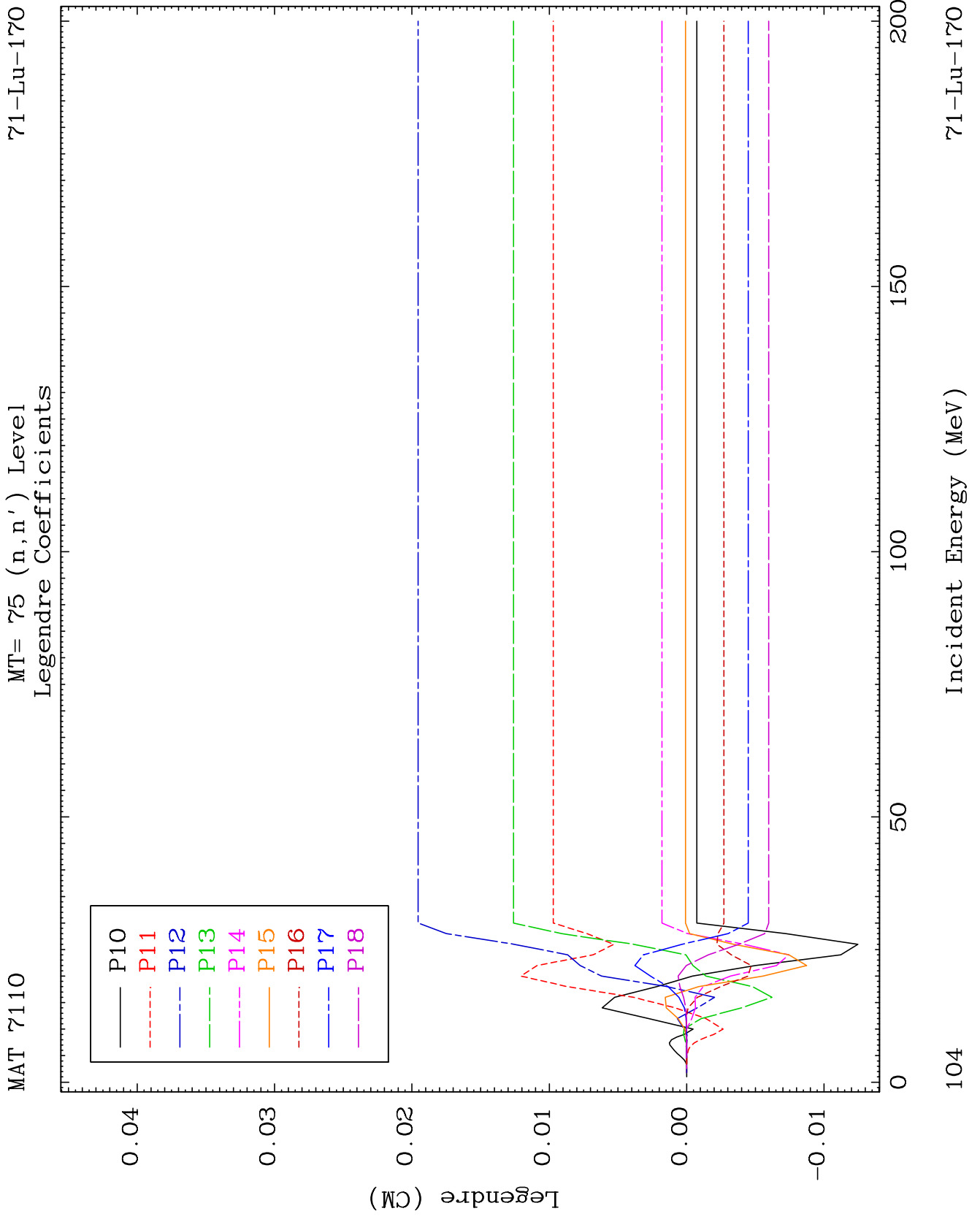




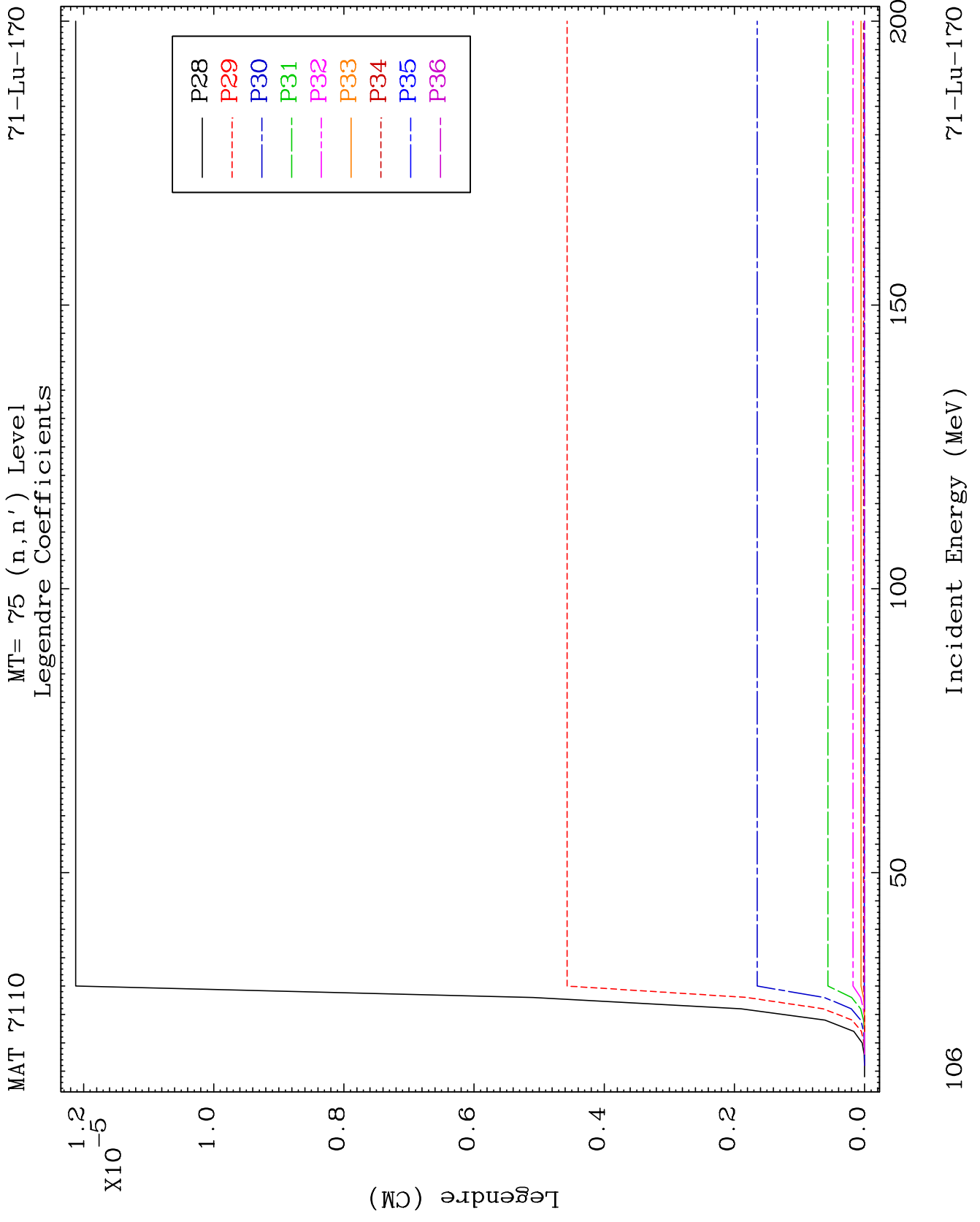






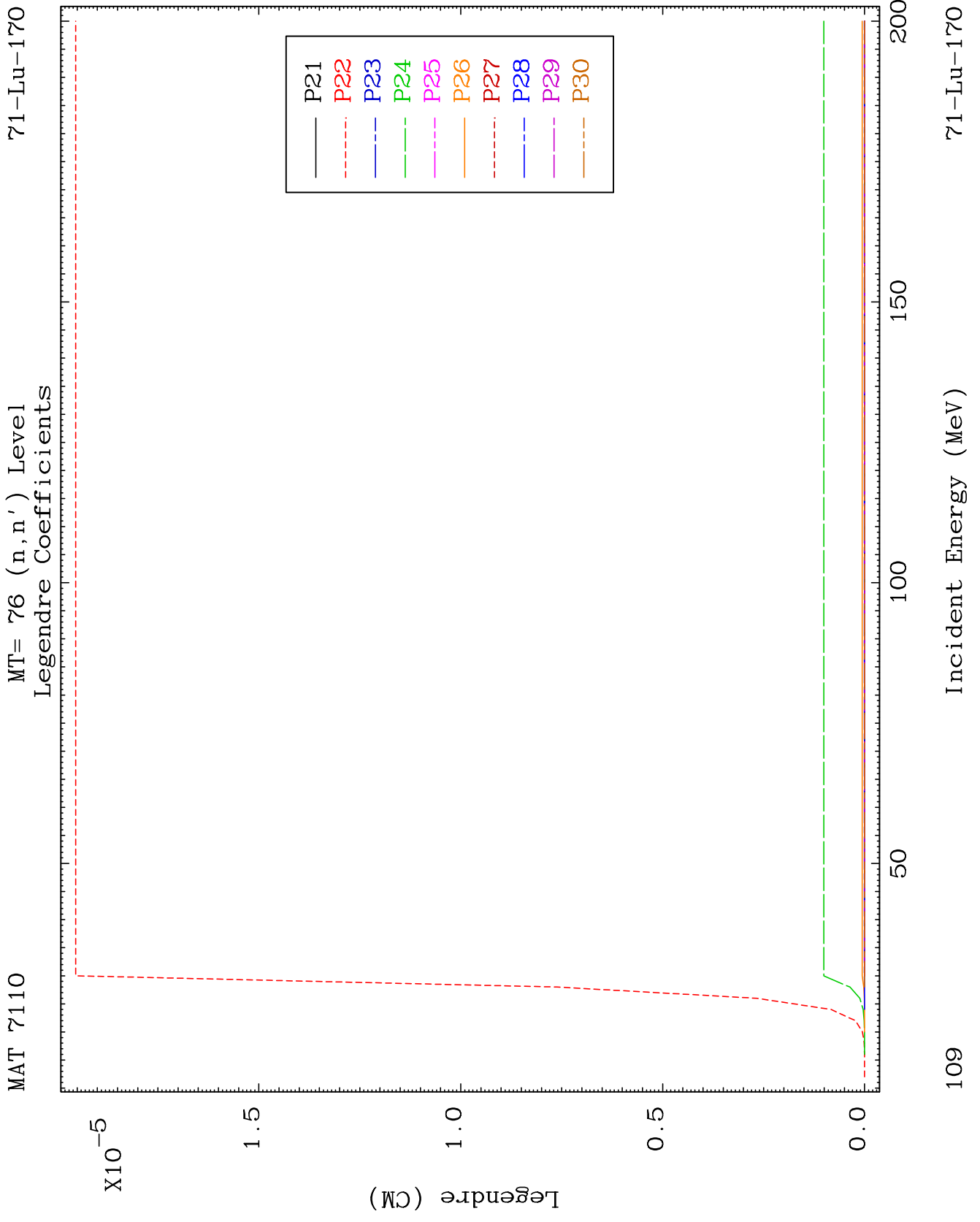


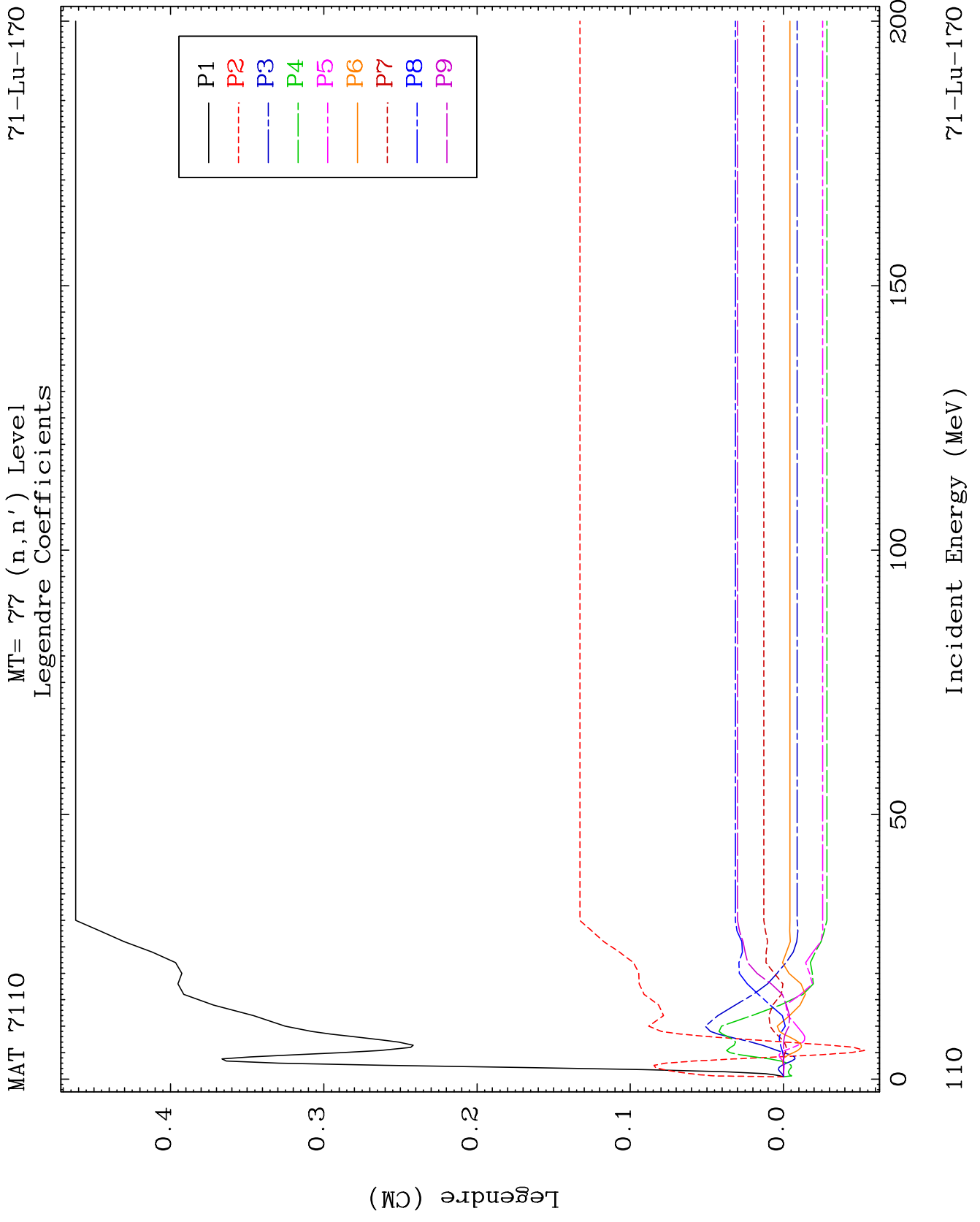












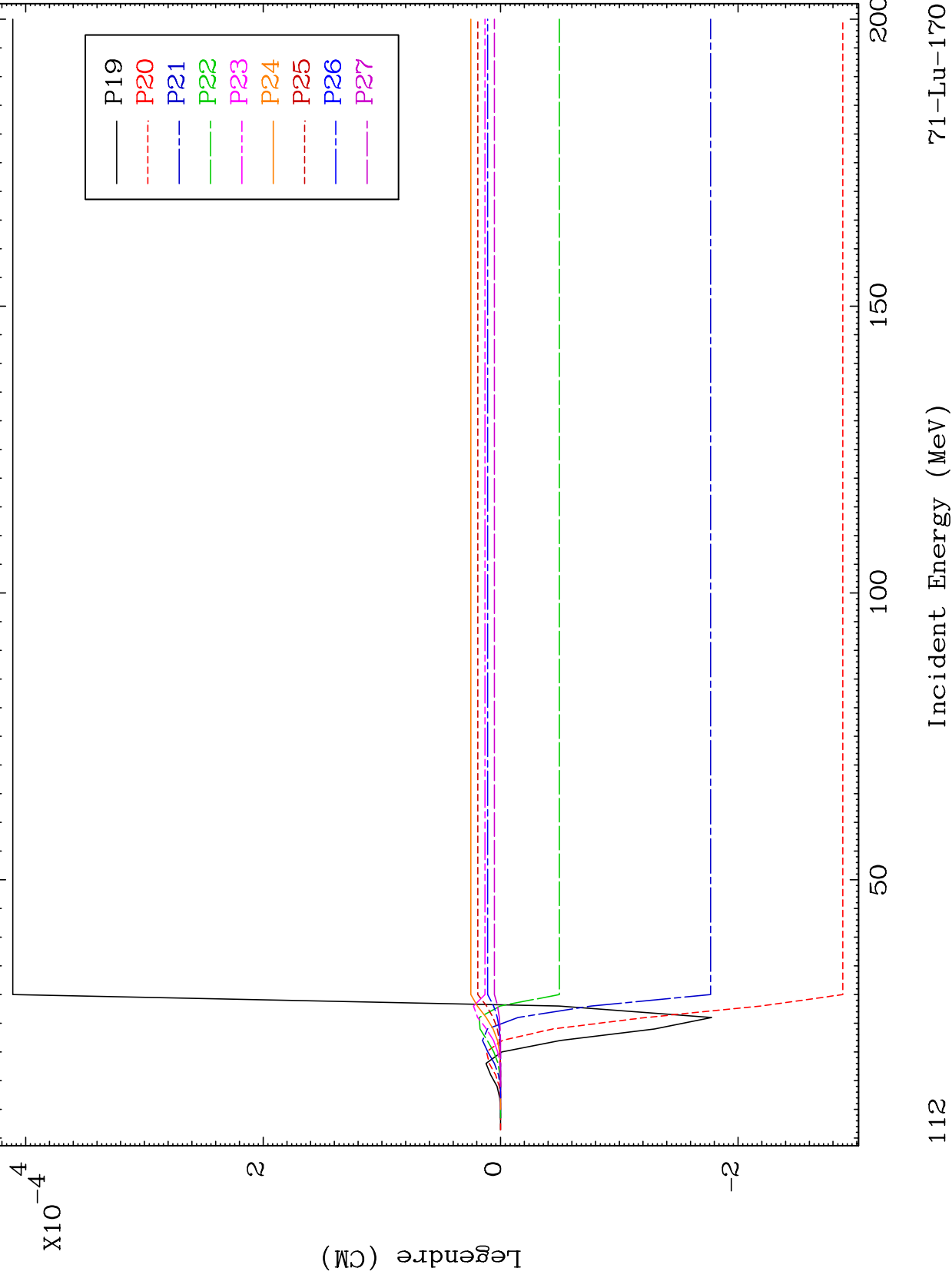




MAT 7110

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

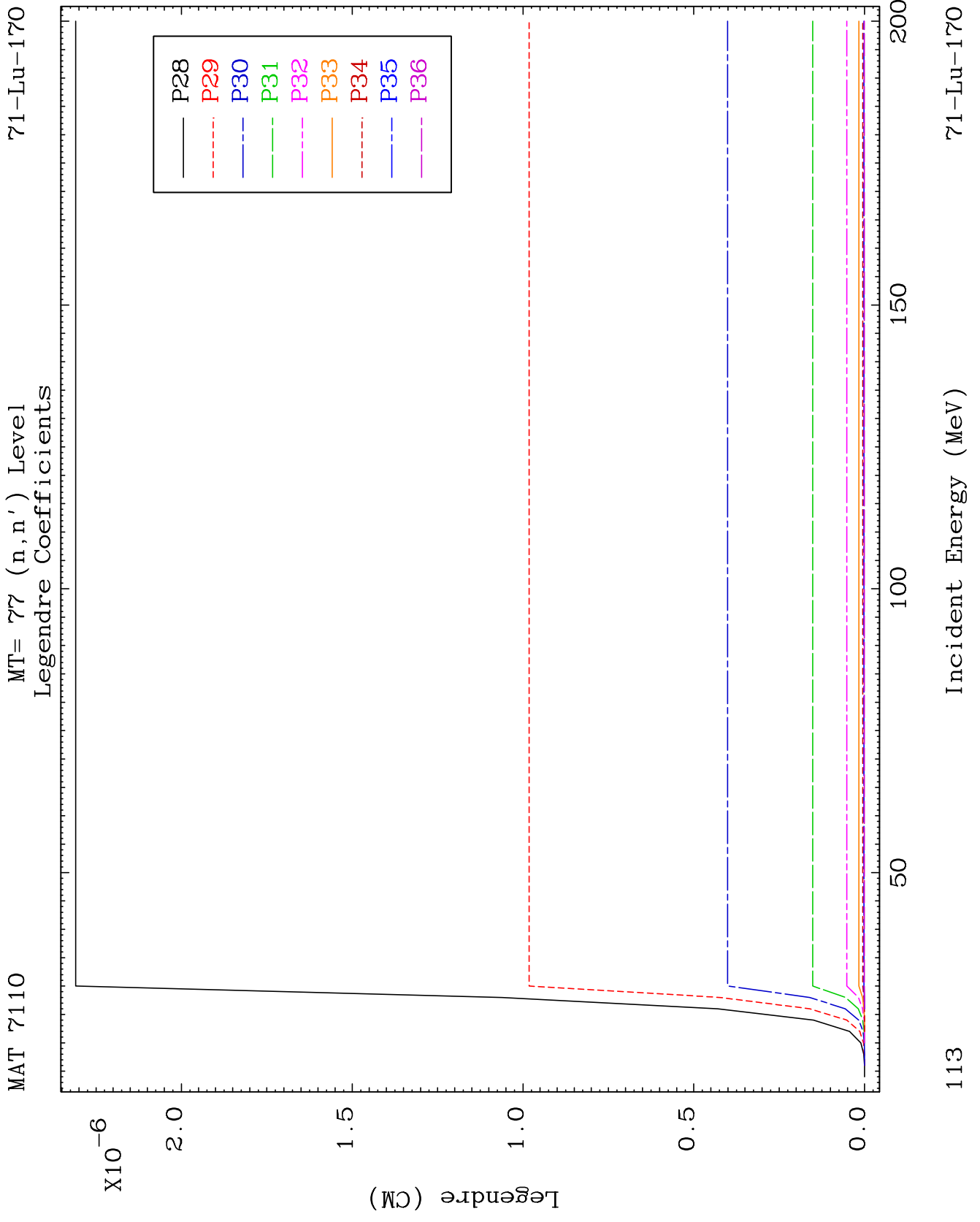
71-Lu-170



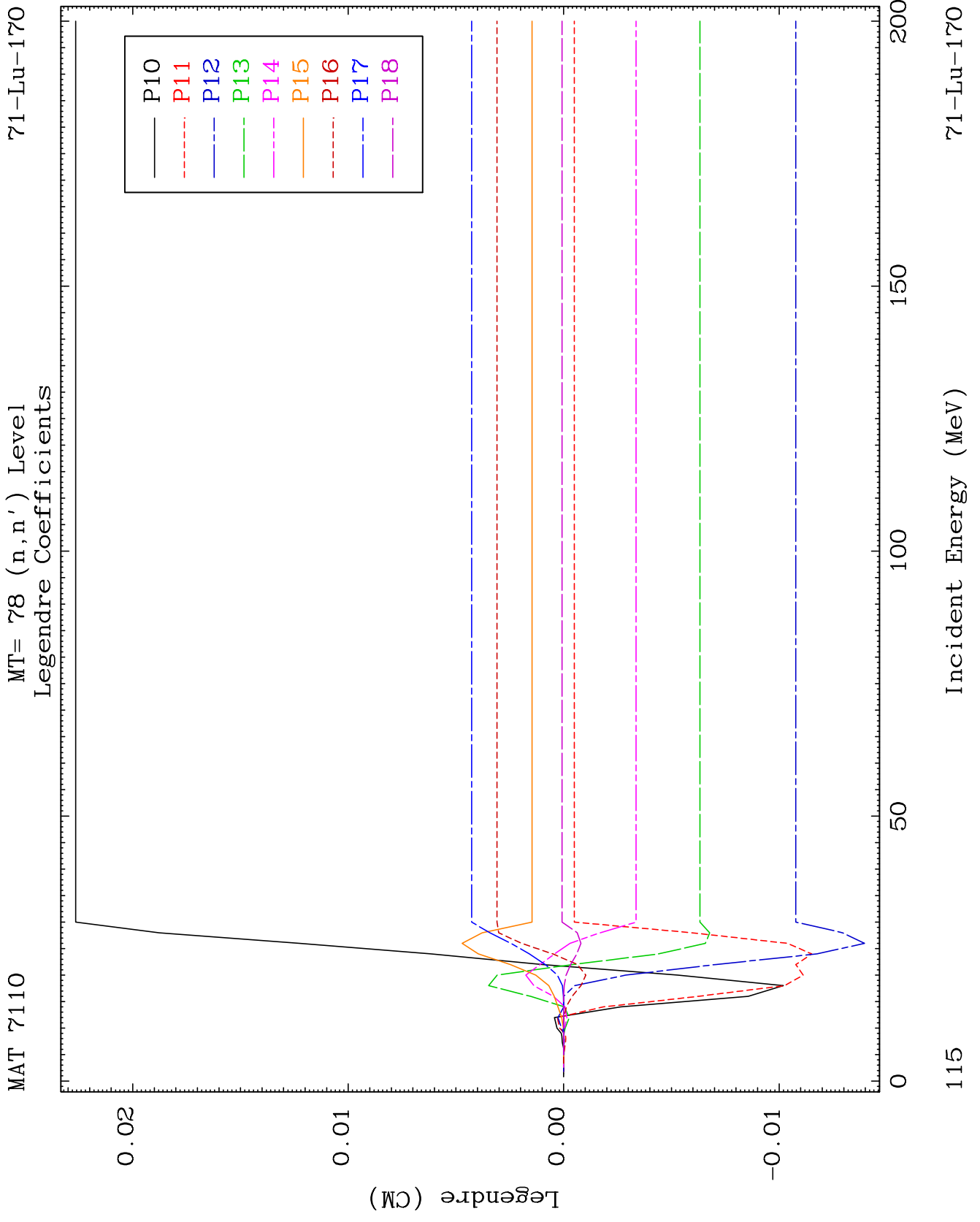
112

Incident Energy (MeV)

71-Lu-170



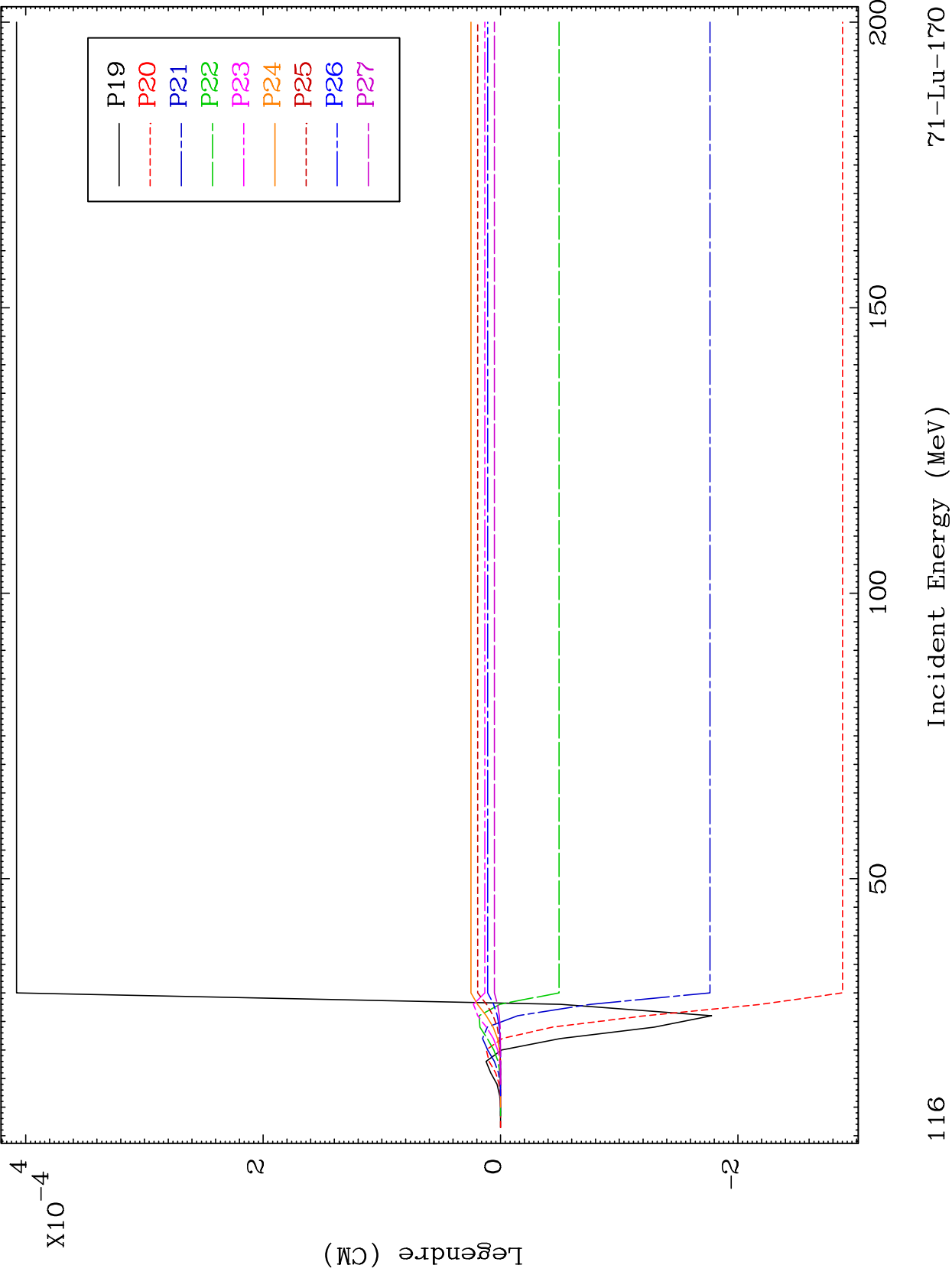




MAT 7110

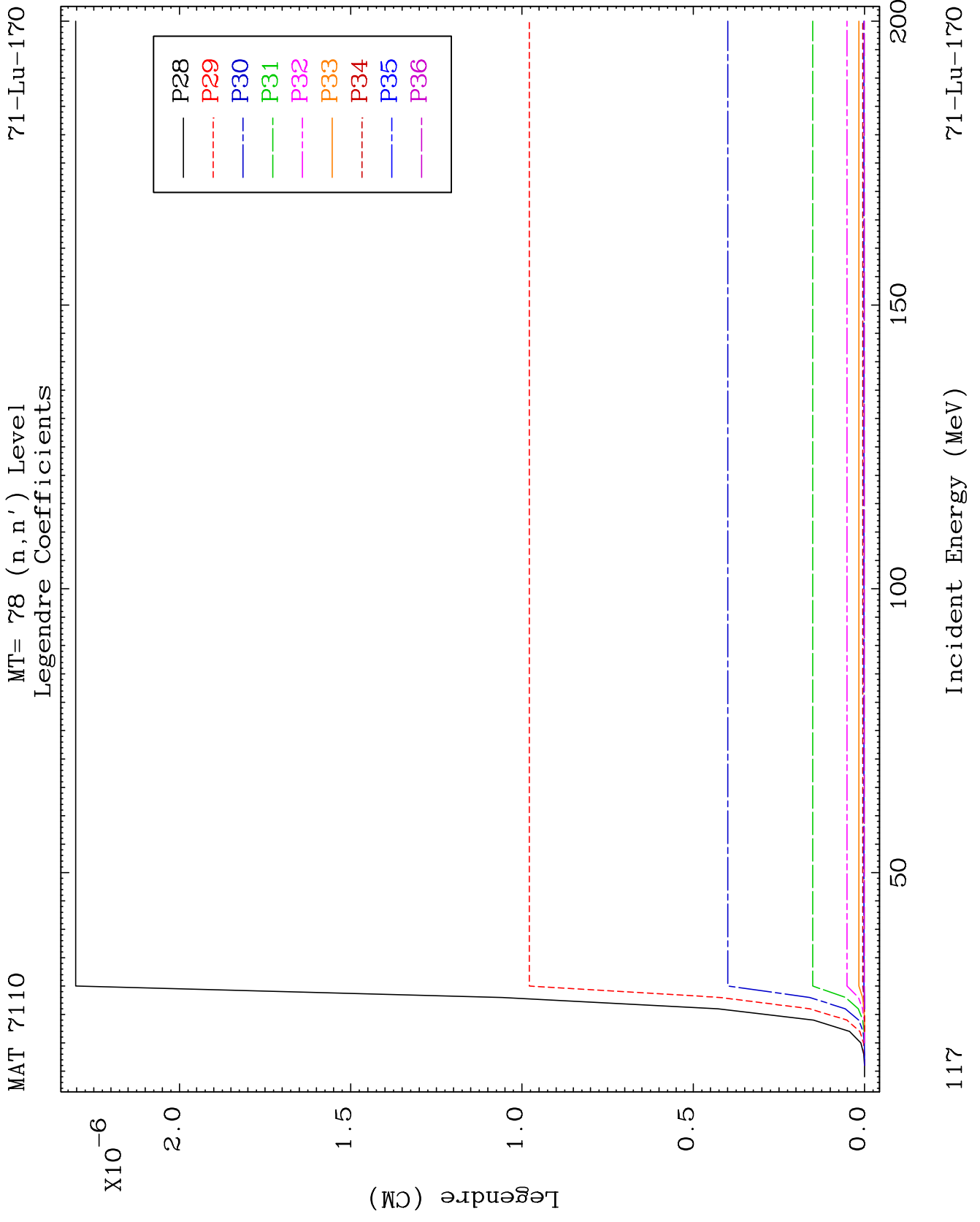
MT= 78 (n,n') Level  
Legendre Coefficients

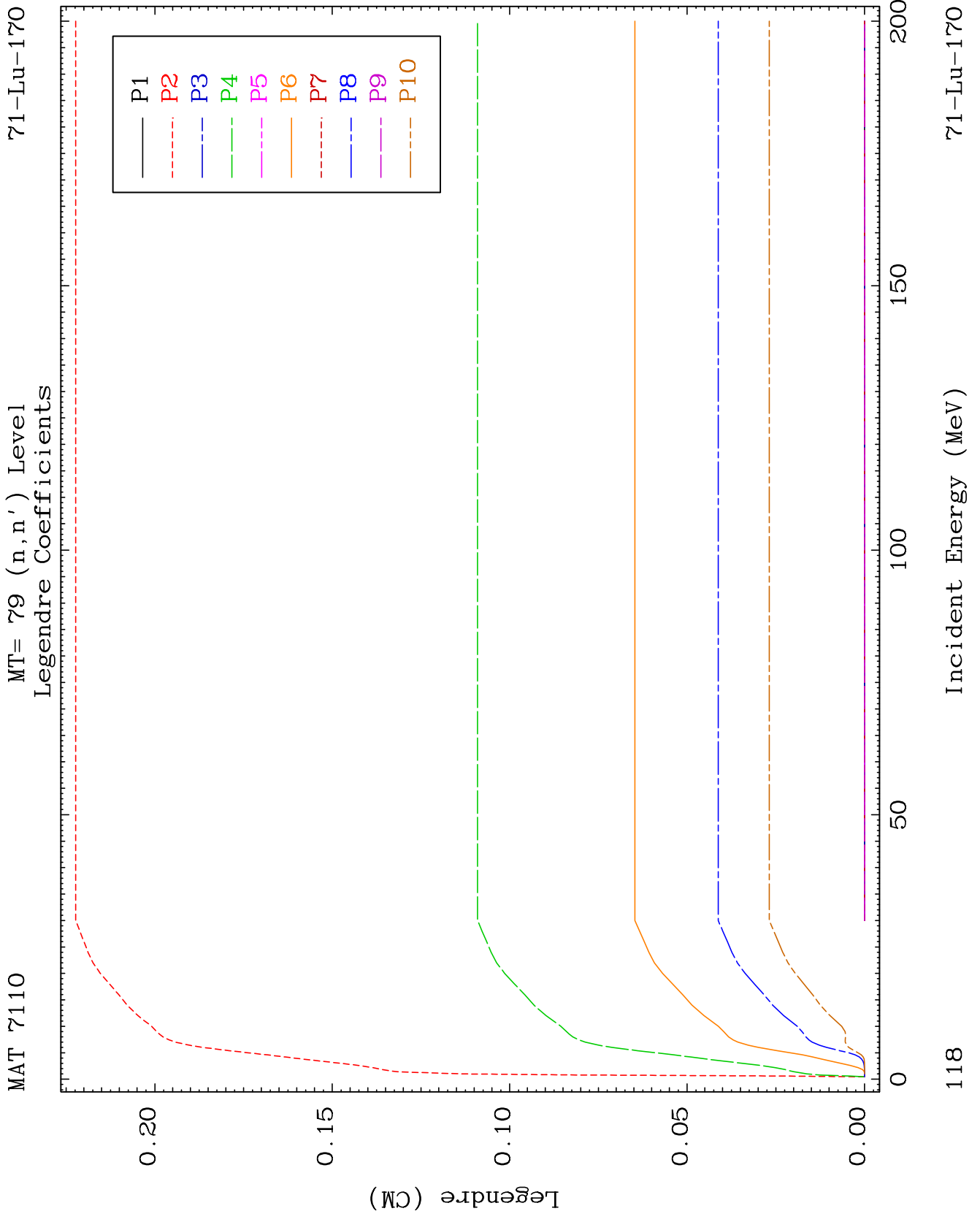
71-Lu-170

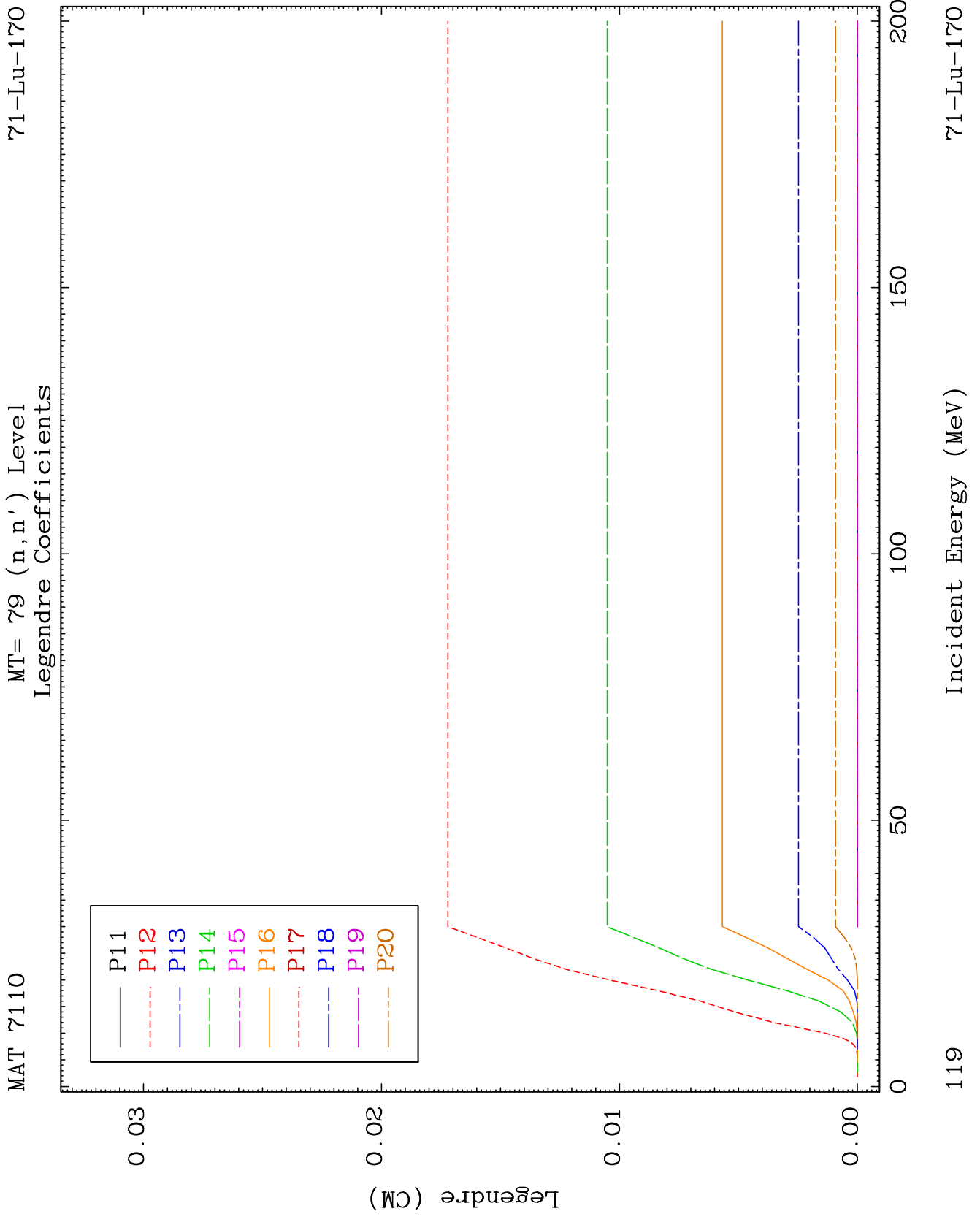


116

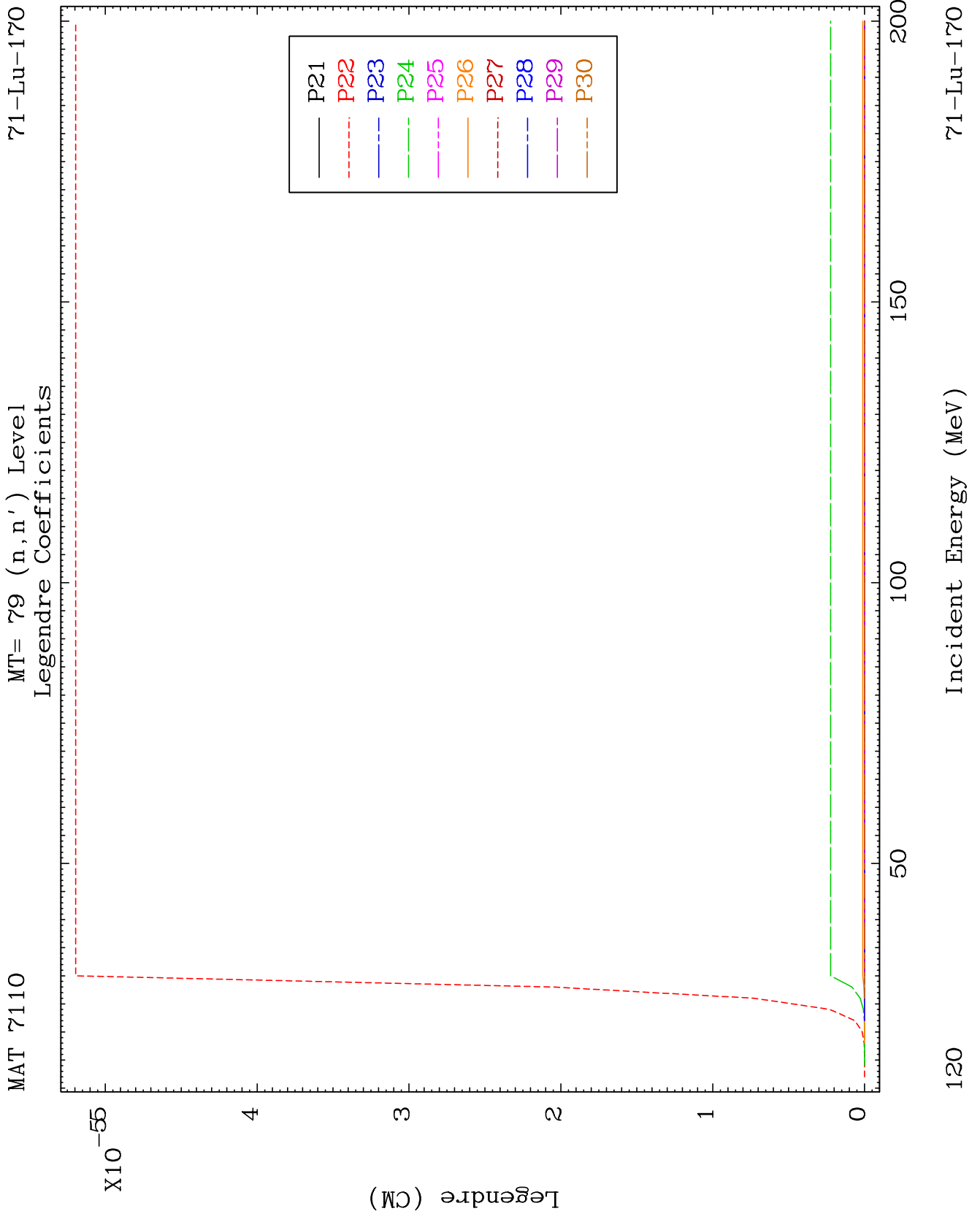
71-Lu-170

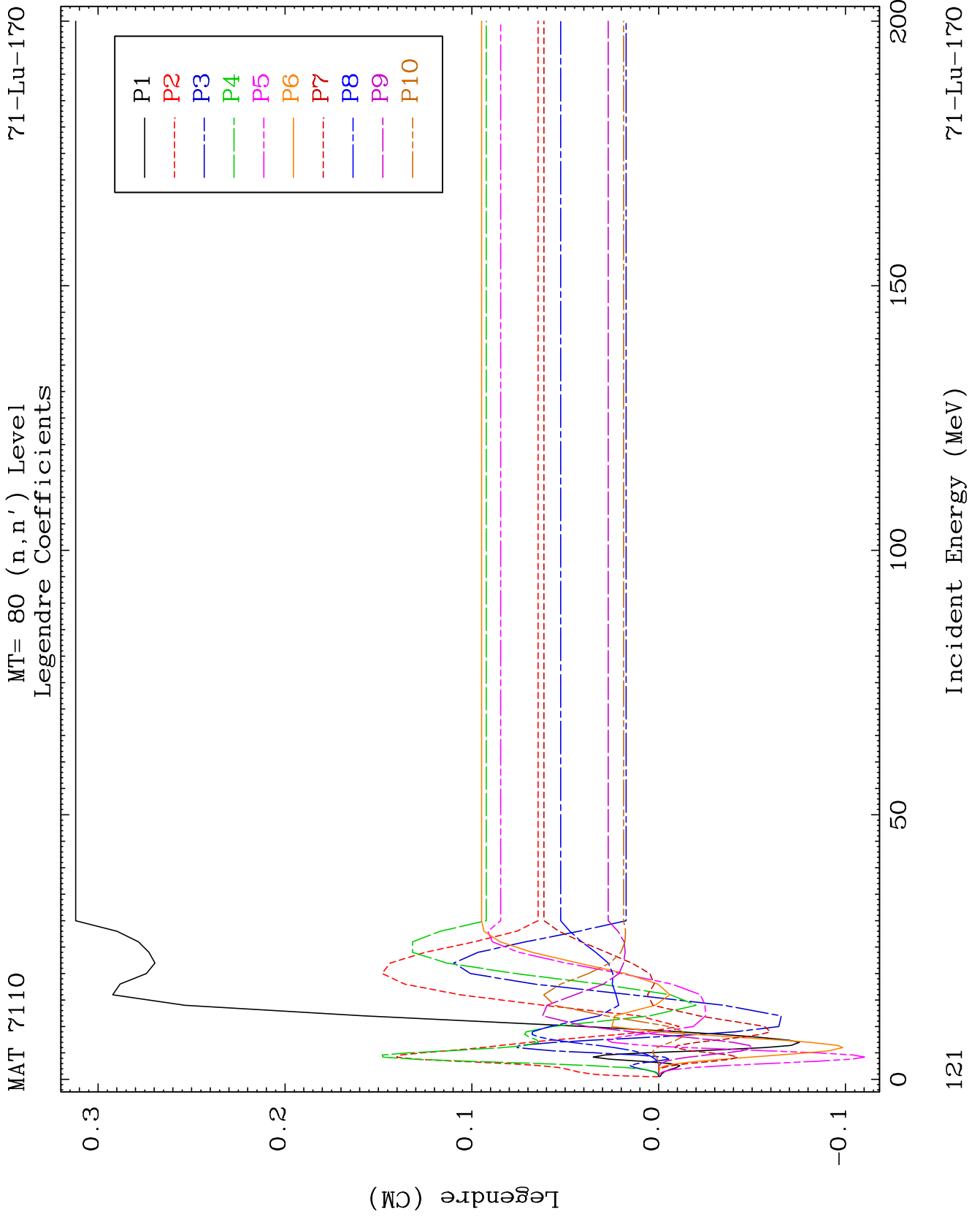




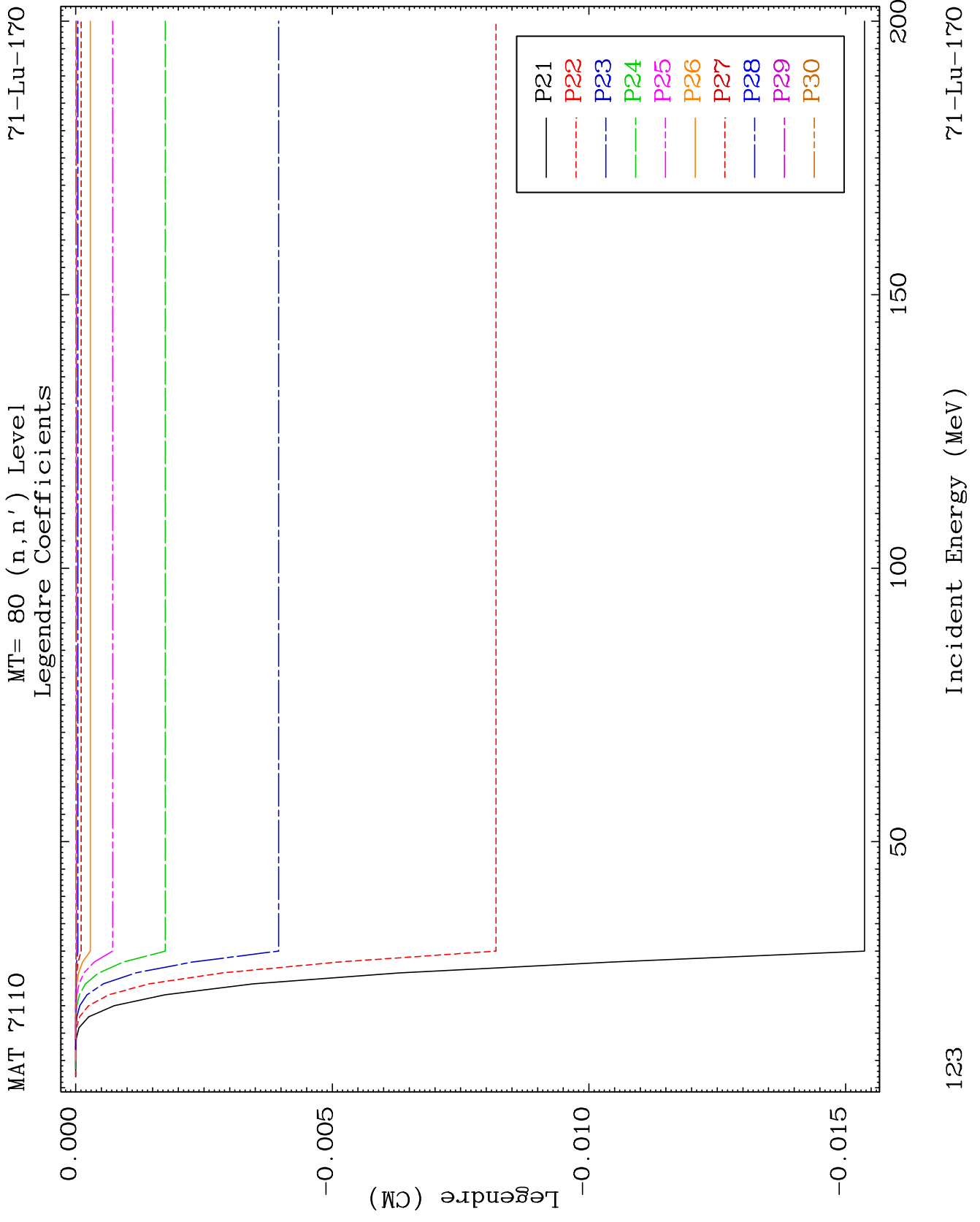


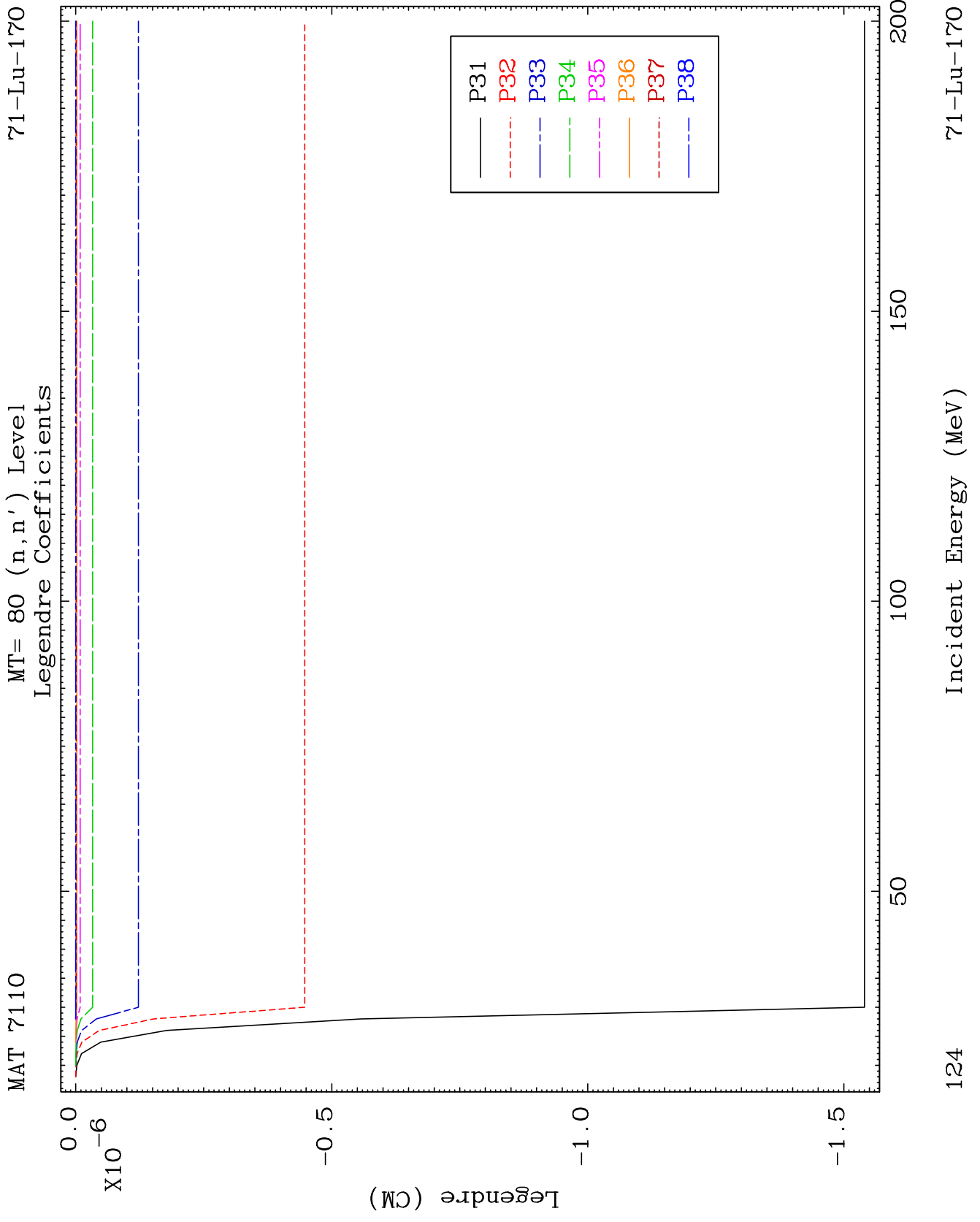










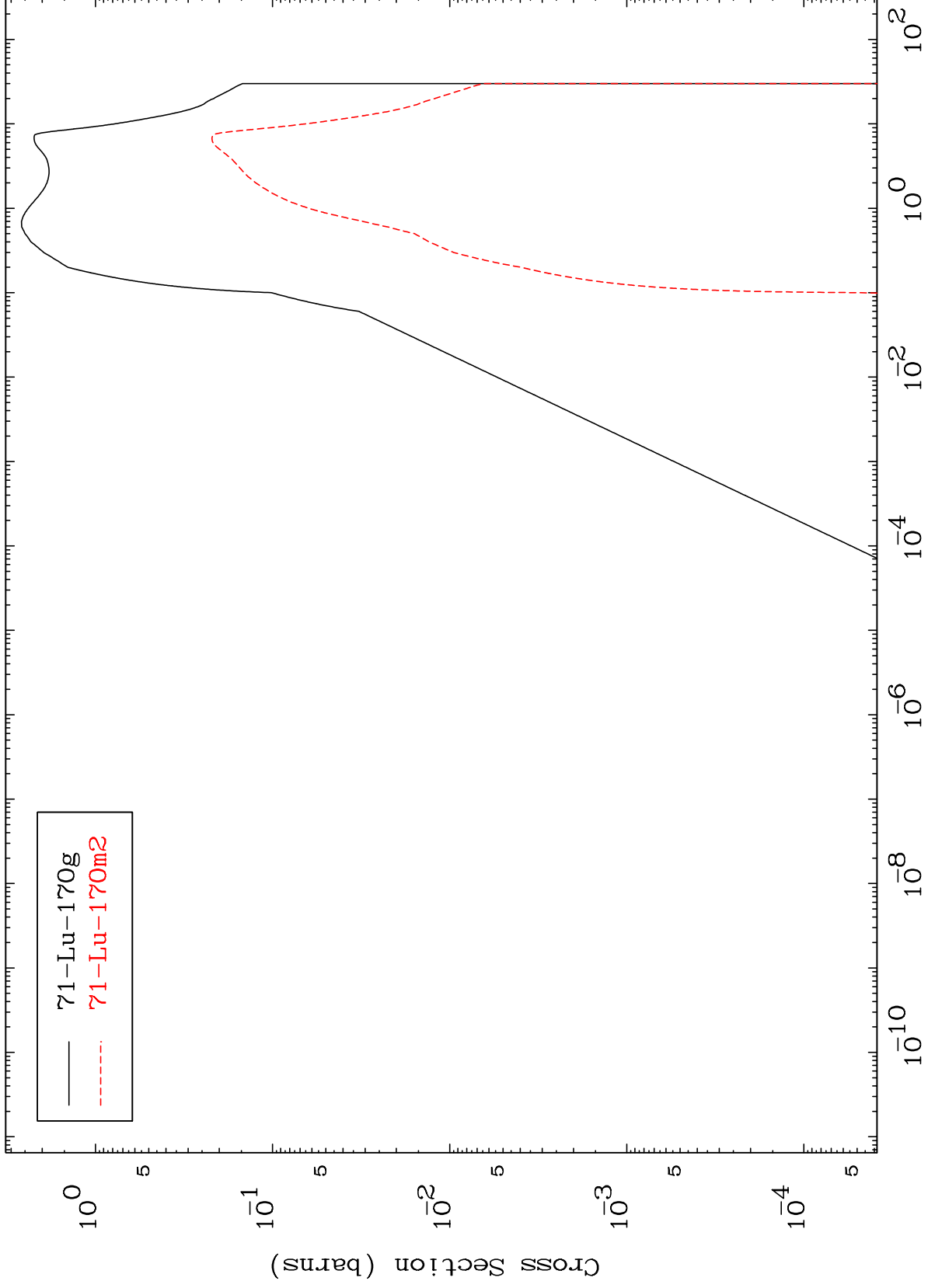


MAT 7110

Inelastic

<sup>71</sup>Lu-170

Radionuclide Production Cross Section



— <sup>71</sup>Lu-170g  
- - - <sup>71</sup>Lu-170m2

125

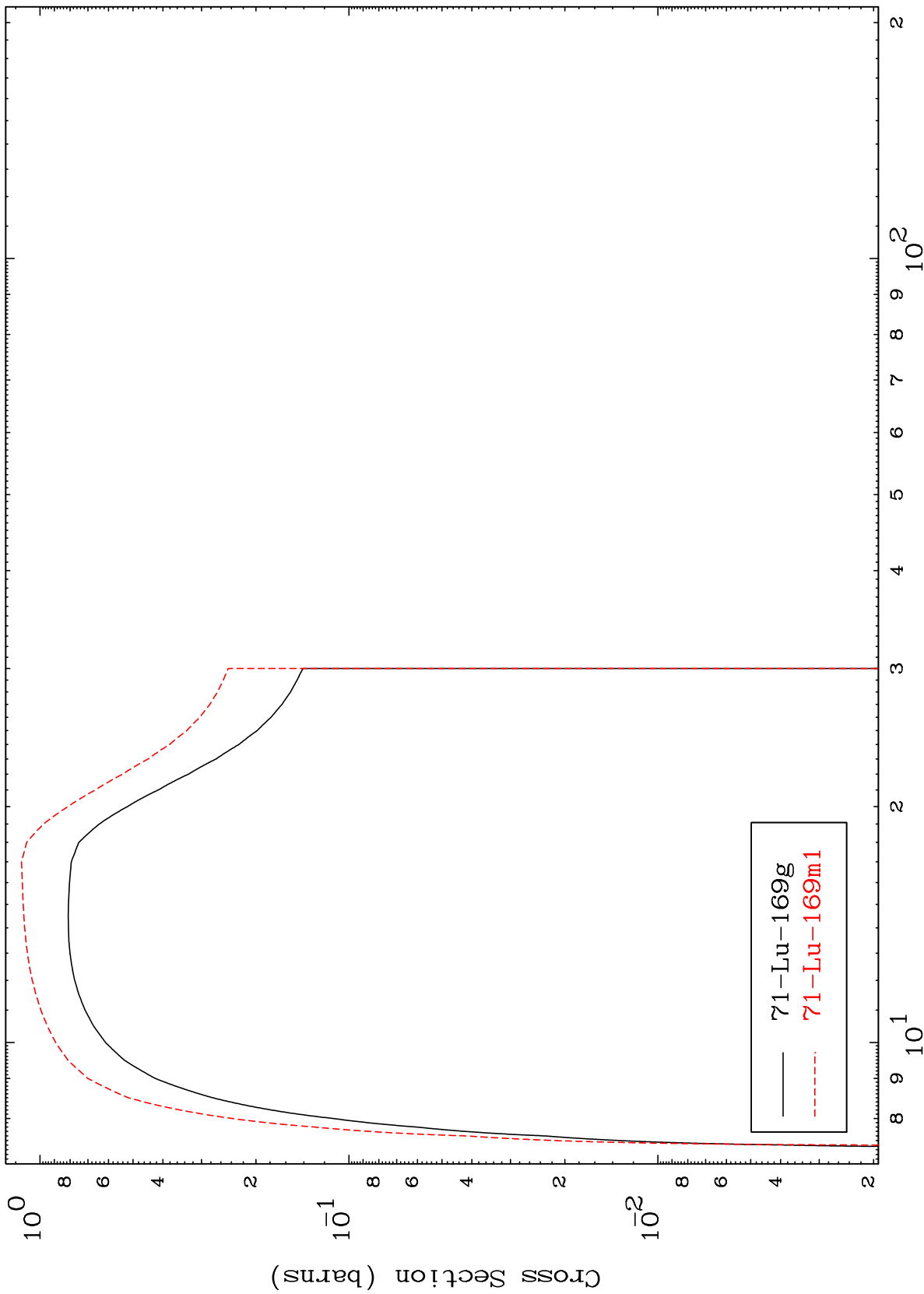
Incident Energy (MeV)

<sup>71</sup>Lu-170

MAT 7110

71-Lu-170

(n,2n)  
Radionuclide Production Cross Section



126

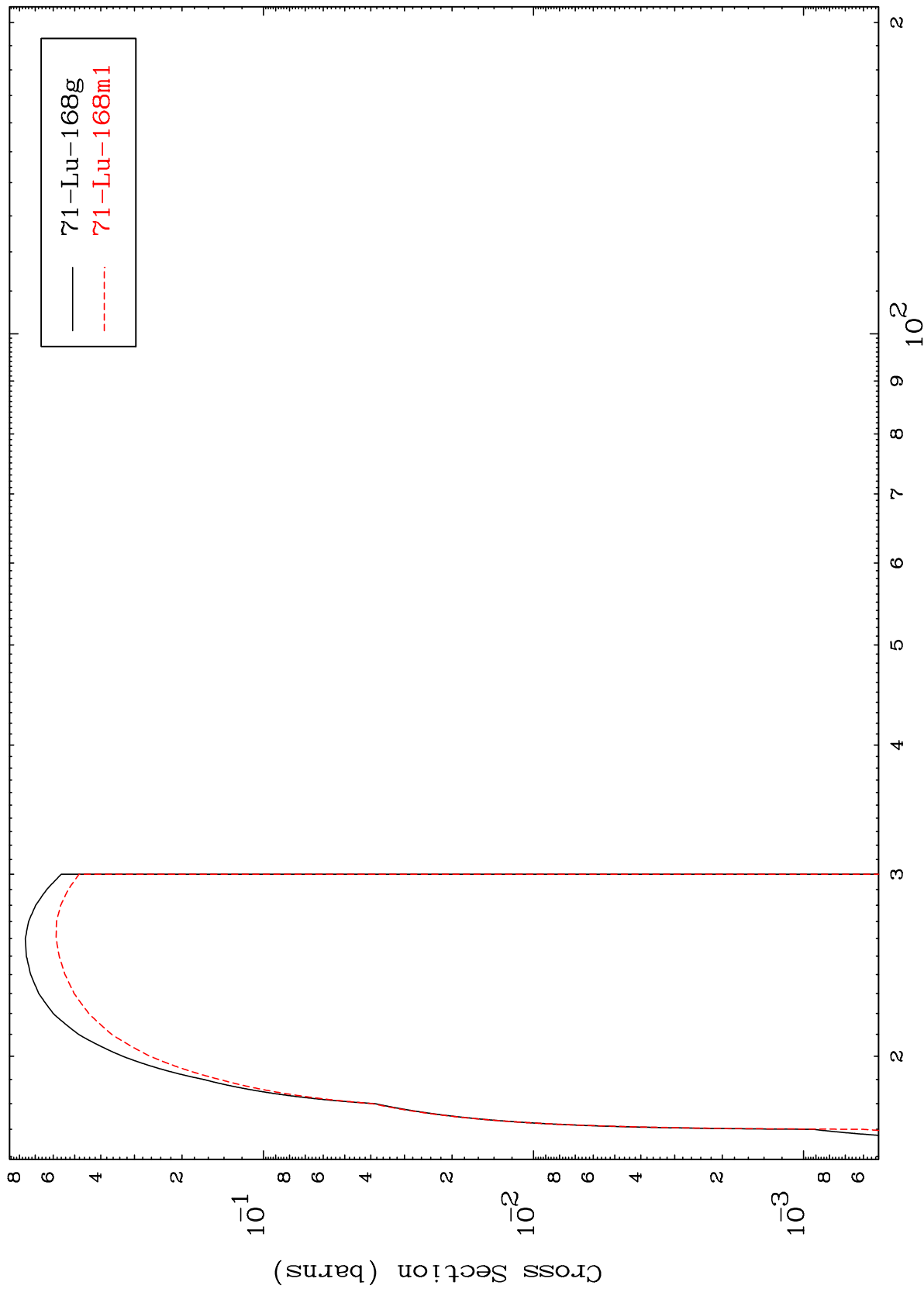
Incident Energy (MeV)

71-Lu-170

MAT 7110

71-Lu-170

(n,3n)  
Radionuclide Production Cross Section



71-Lu-168g  
71-Lu-168m1

127

Incident Energy (MeV)

71-Lu-170

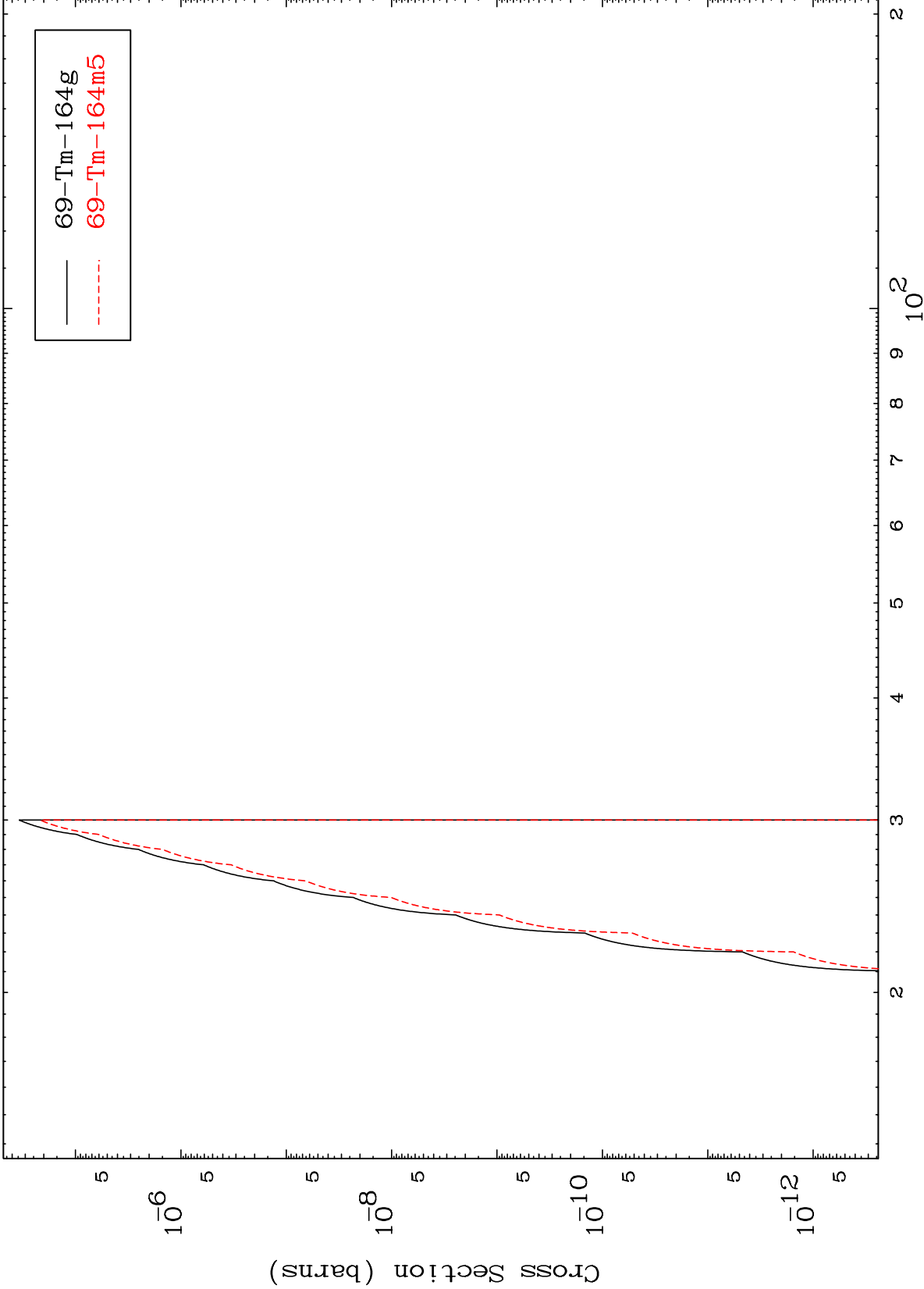


MAT 7110

(n,3n)  $\alpha$

71-Lu-170

Radionuclide Production Cross Section

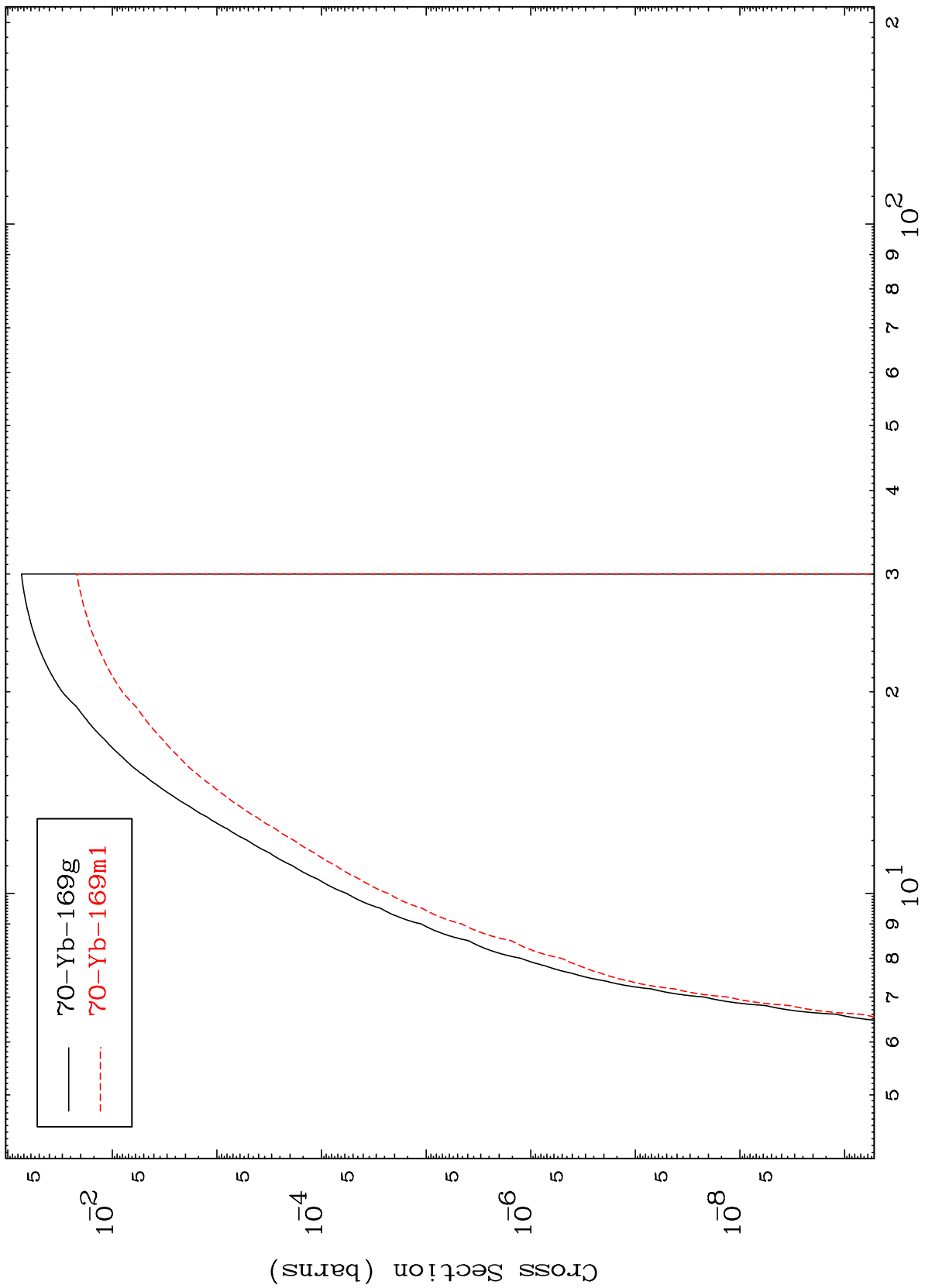


128

Incident Energy (MeV)

71-Lu-170

(n,n') p  
Radionuclide Production Cross Section

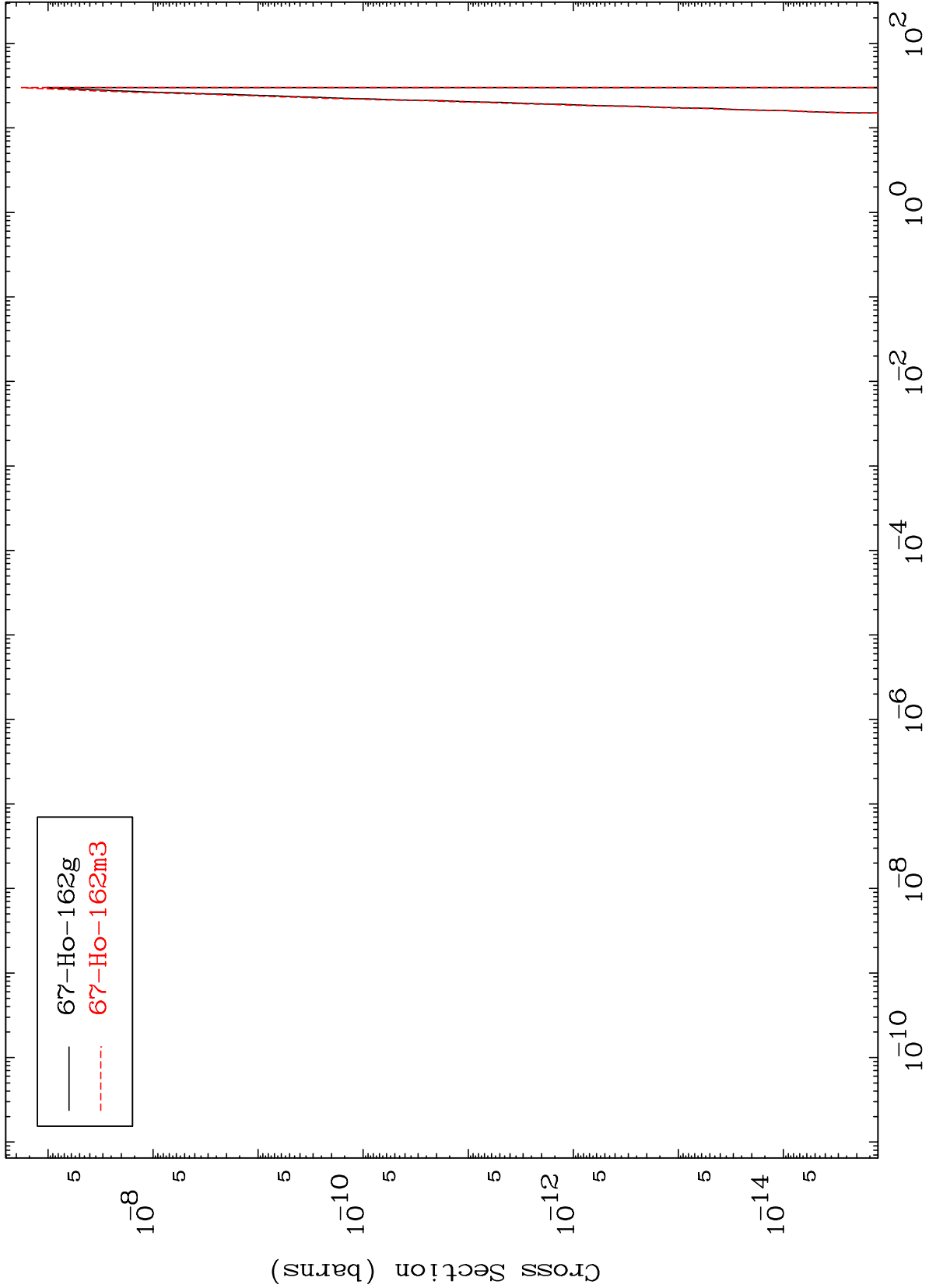


MAT 7110

(n,n') 2α

71-Lu-170

Radionuclide Production Cross Section

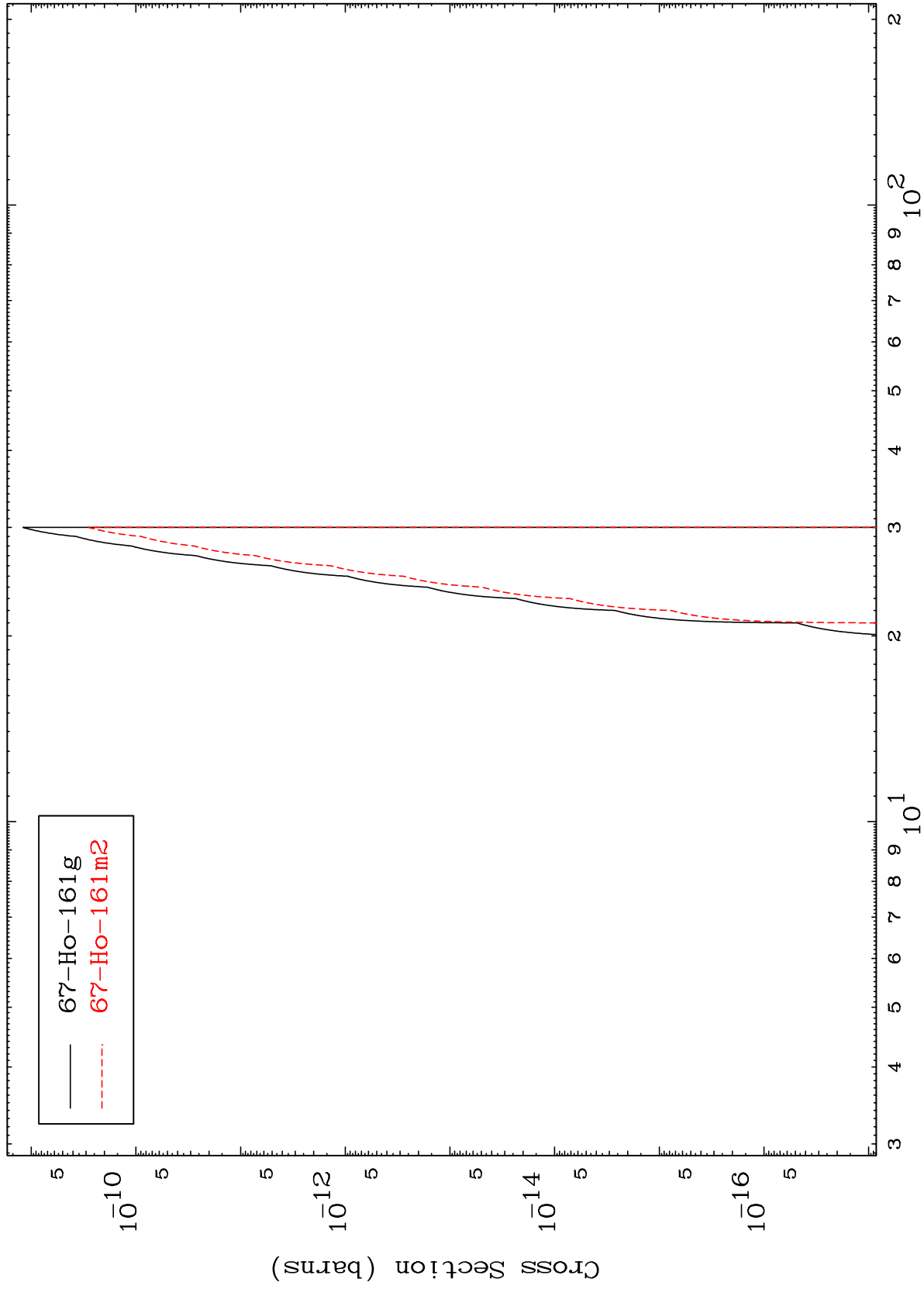


MAT 7110

$^{71}\text{Lu}$ -170

$^{67}\text{Ho}$ -161g

Radionuclide Production Cross Section



131

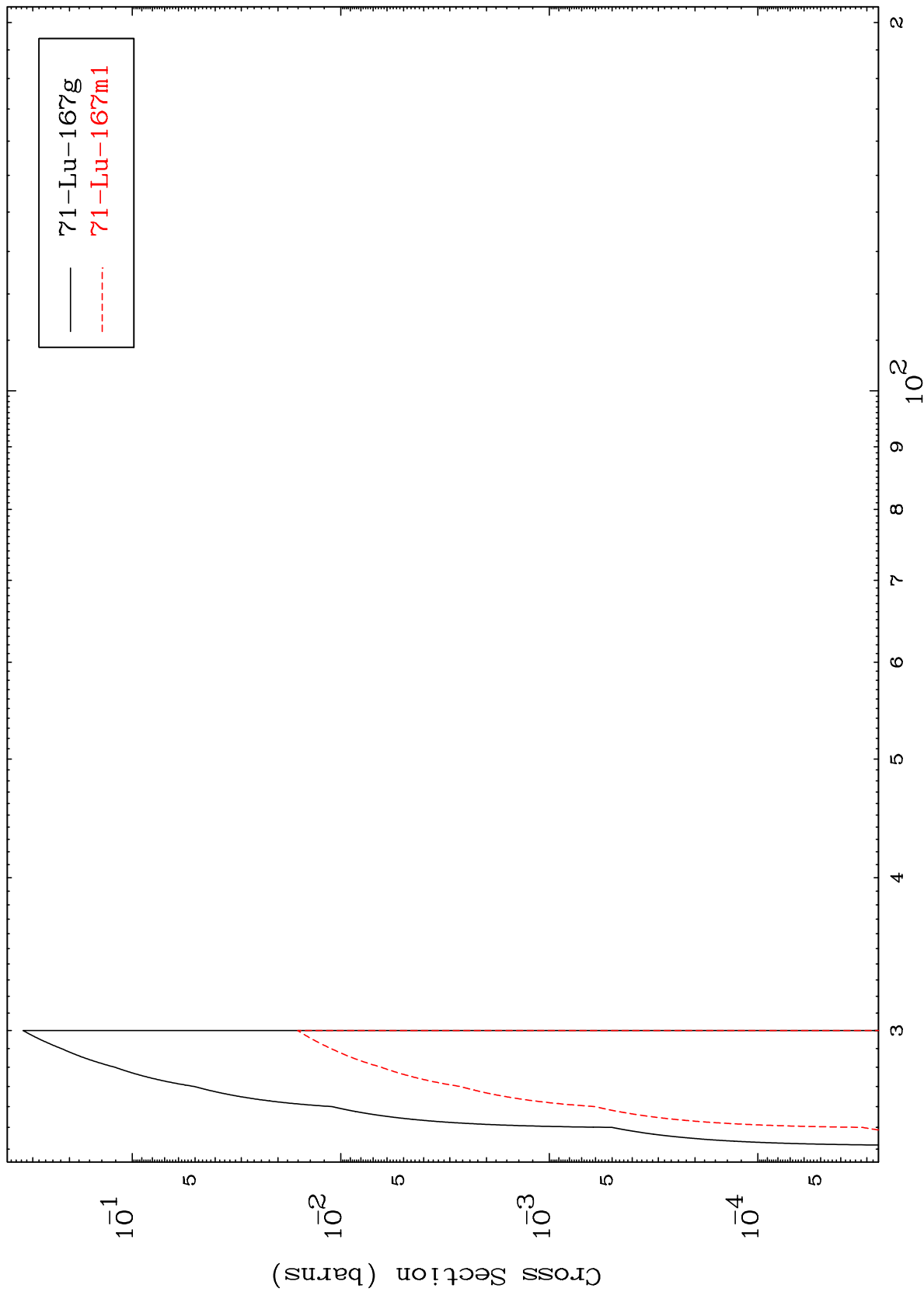
Incident Energy (MeV)

$^{71}\text{Lu}$ -170

MAT 7110

71-Lu-170

(n,4n)  
Radionuclide Production Cross Section



71-Lu-167g  
71-Lu-167m1

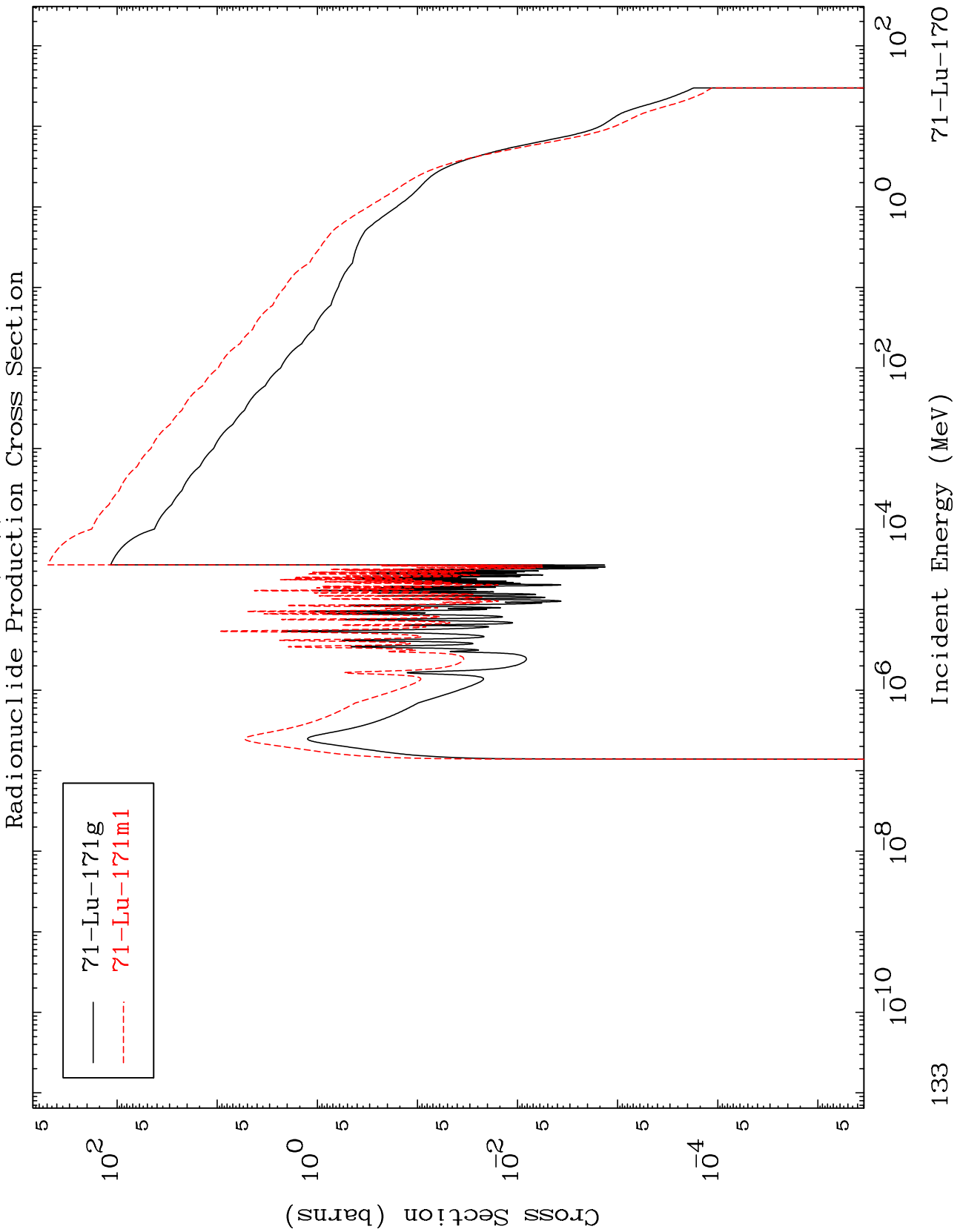
71-Lu-170

Incident Energy (MeV)

132

MAT 7110

<sup>71</sup>Lu-170

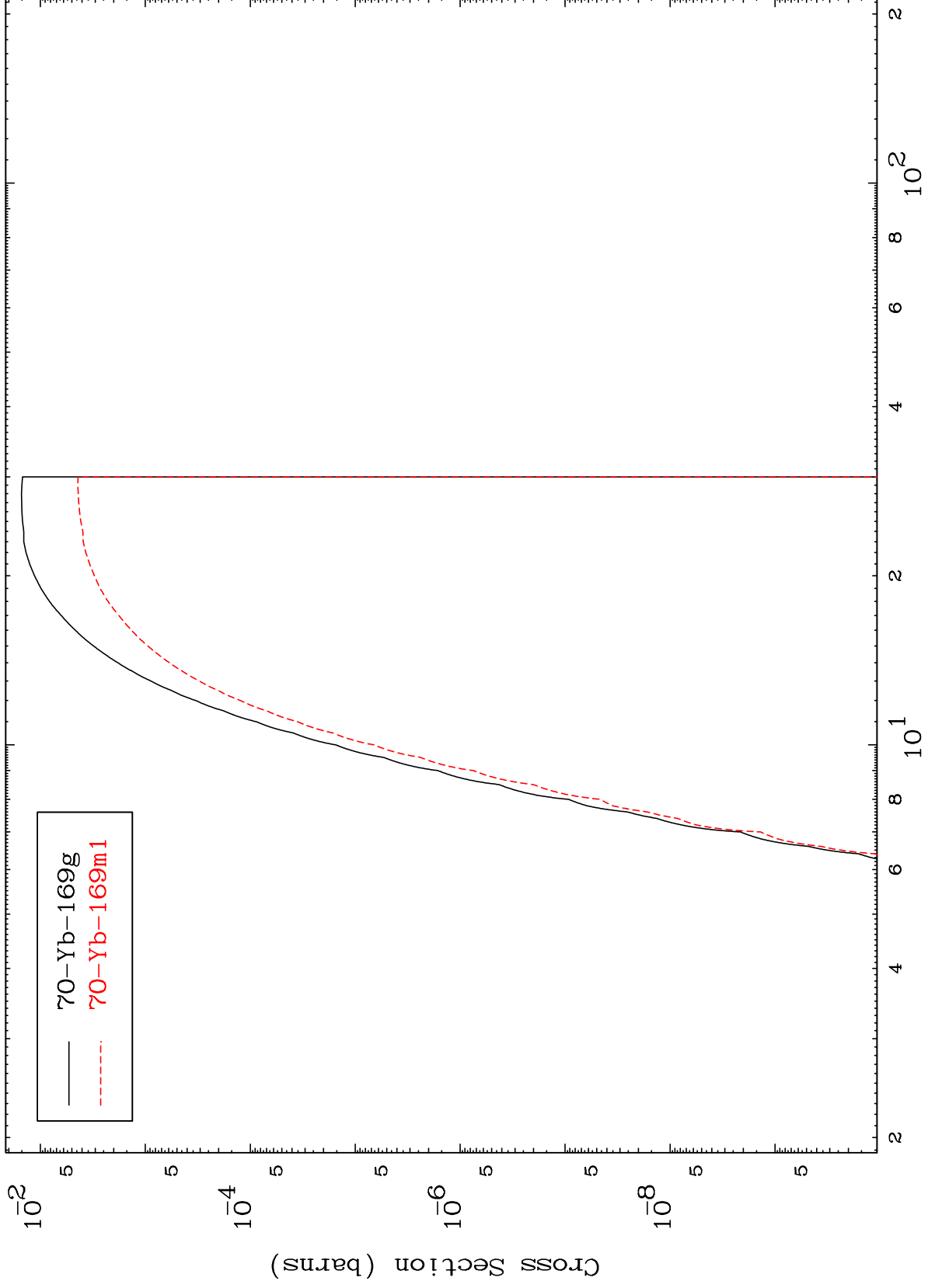


MAT 7110

(n,d)

<sup>71</sup>Lu-170

Radionuclide Production Cross Section



134

Incident Energy (MeV)

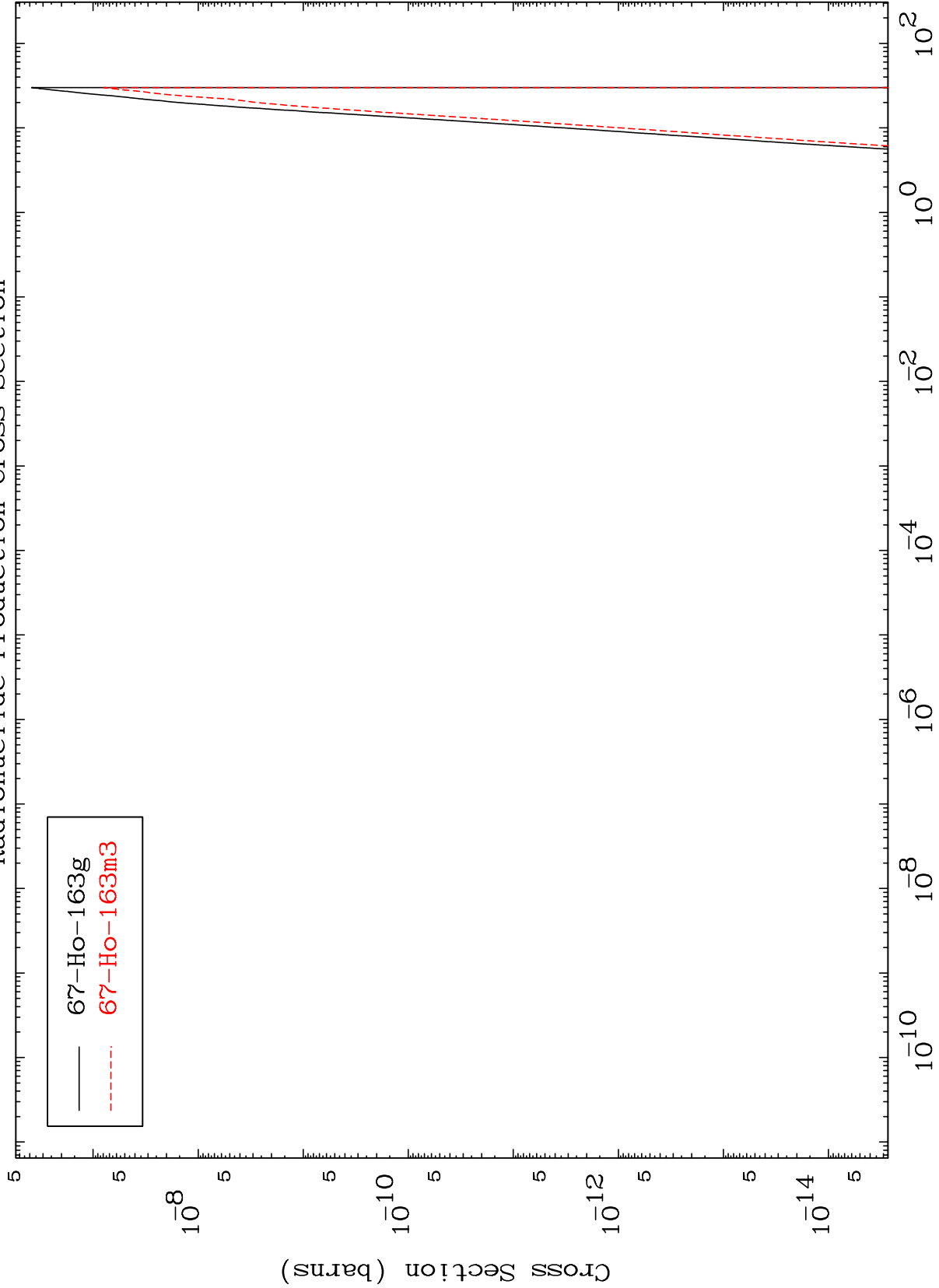
<sup>71</sup>Lu-170

MAT 7110

(n,2α)

<sup>71</sup>Lu-170

Radionuclide Production Cross Section



— 67-Ho-163g  
- - - 67-Ho-163m3