

Program EVALPLOT  
(Version 2021-1)

by

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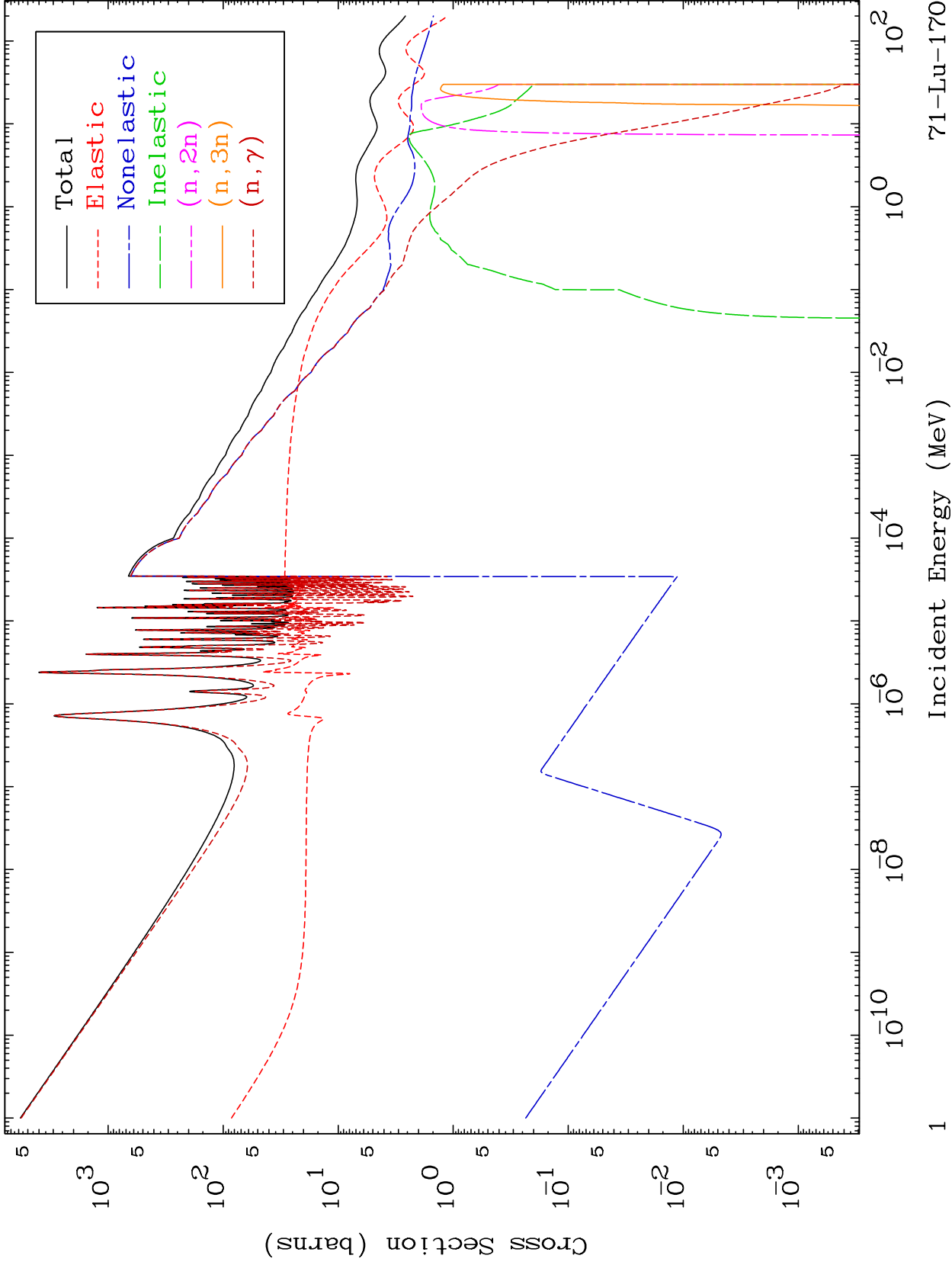
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7110

Neutron Major  
293 Kelvin Cross Sections

71-Lu-170



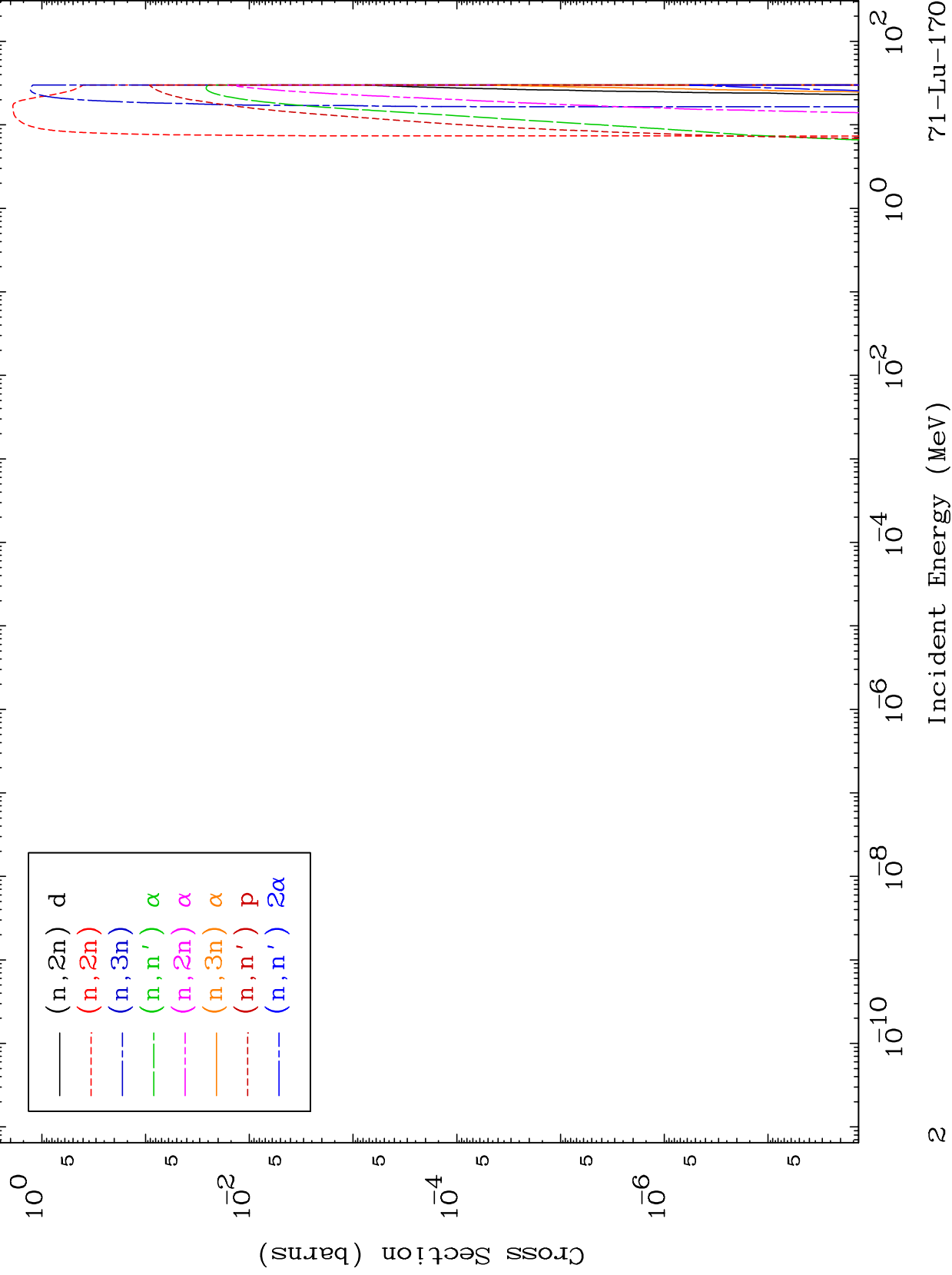
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71-Lu-170

MAT 7110

Neutron Absorption  
293 Kelvin Cross Sections

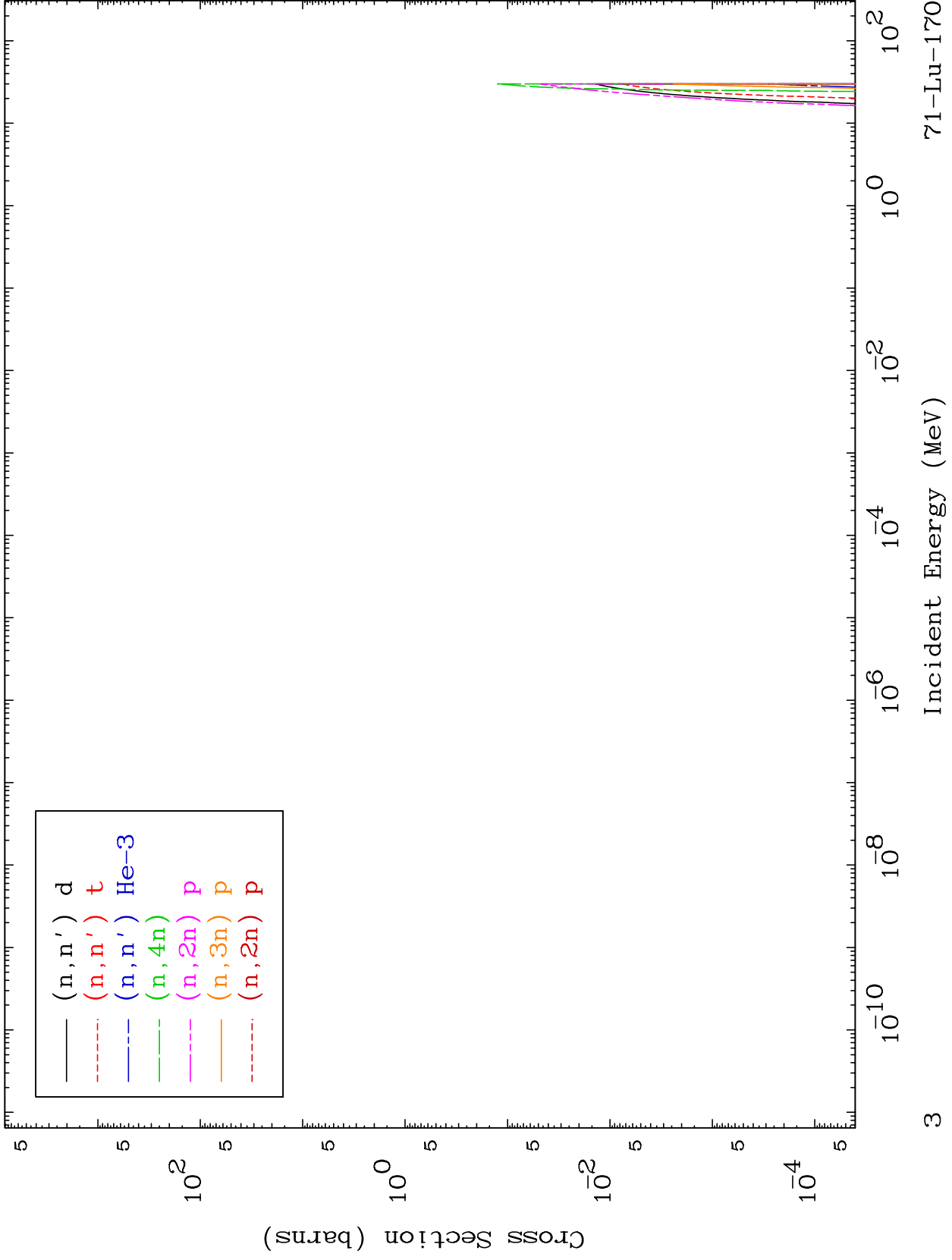
71-Lu-170



MAT 7110

Neutron Absorption  
293 Kelvin Cross Sections

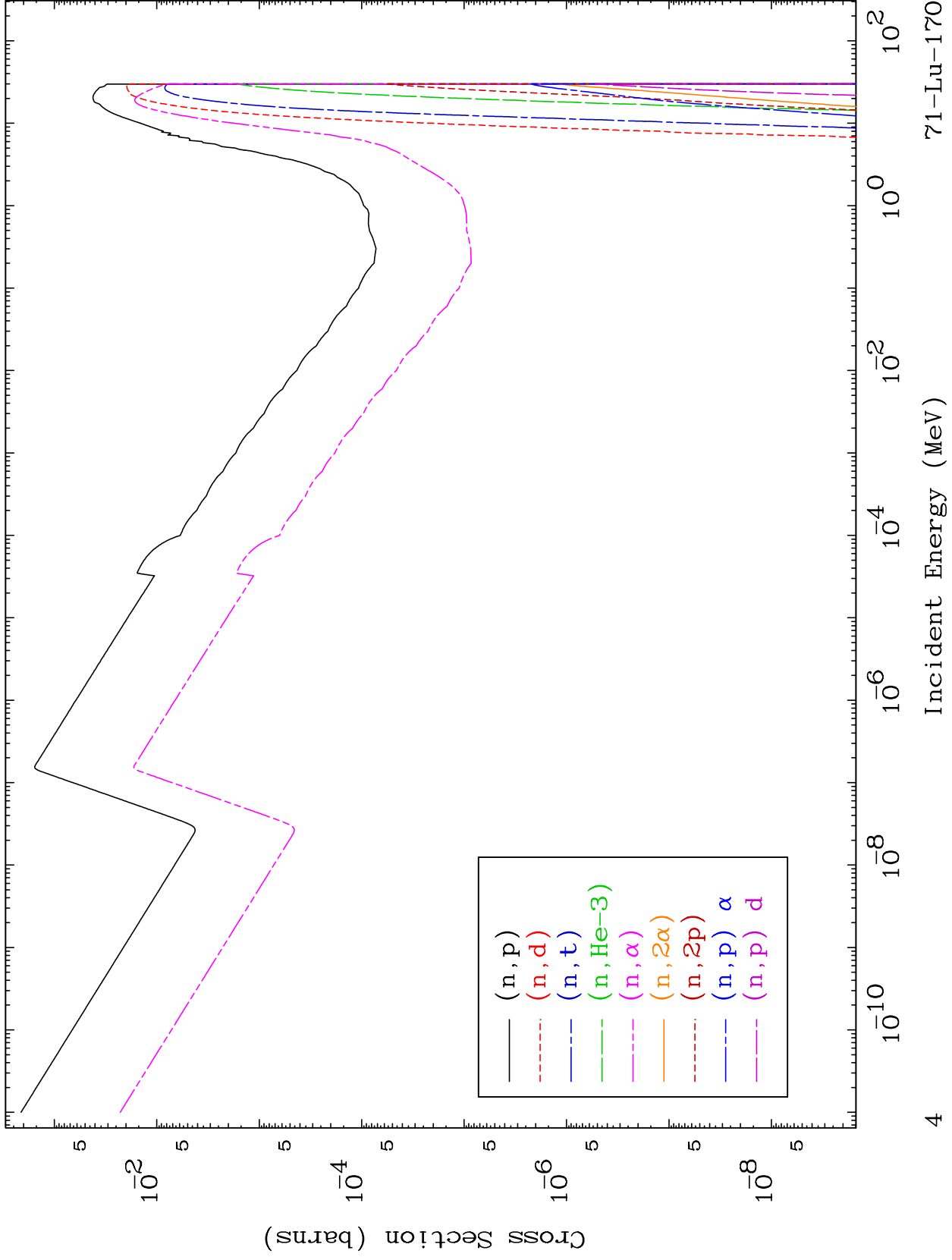
71-Lu-170



MAT 7110

Neutron Absorption  
293 Kelvin Cross Sections

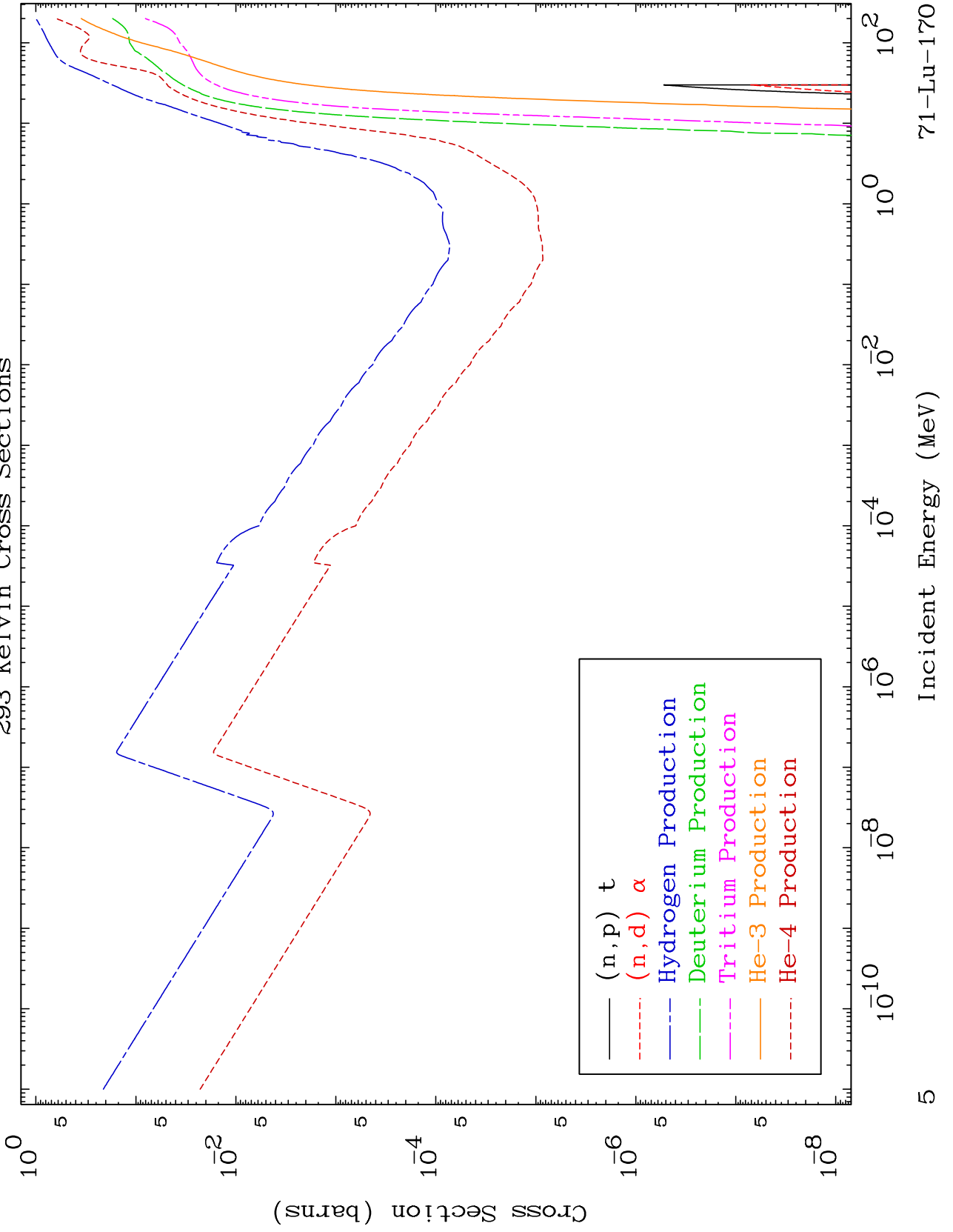
71-Lu-170



MAT 7110

Neutron Absorption  
293 Kelvin Cross Sections

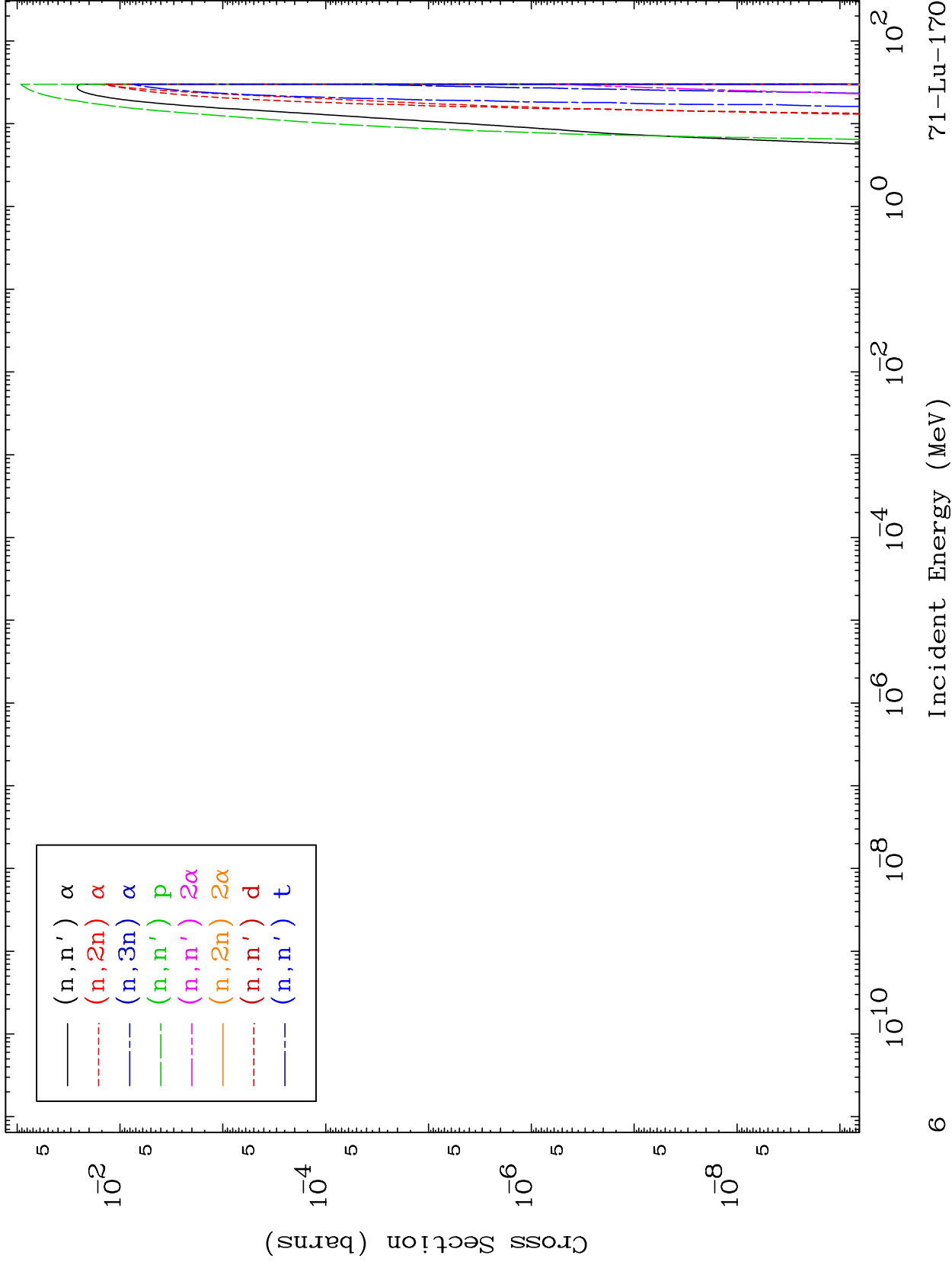
71-Lu-170



MAT 7110

Charged Particle  
293 Kelvin Cross Sections

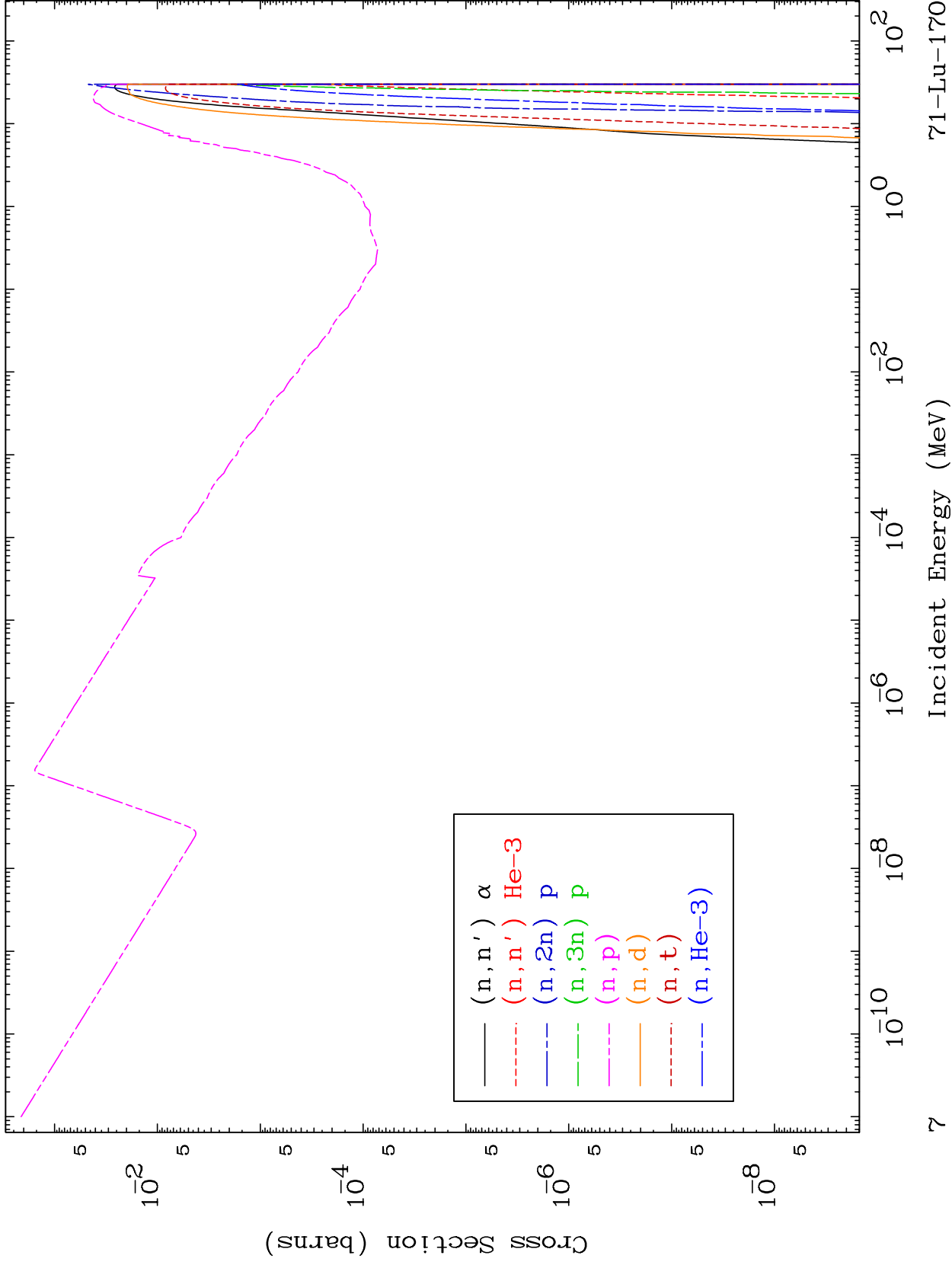
<sup>71</sup>Lu-170



MAT 7110

Charged Particle  
293 Kelvin Cross Sections

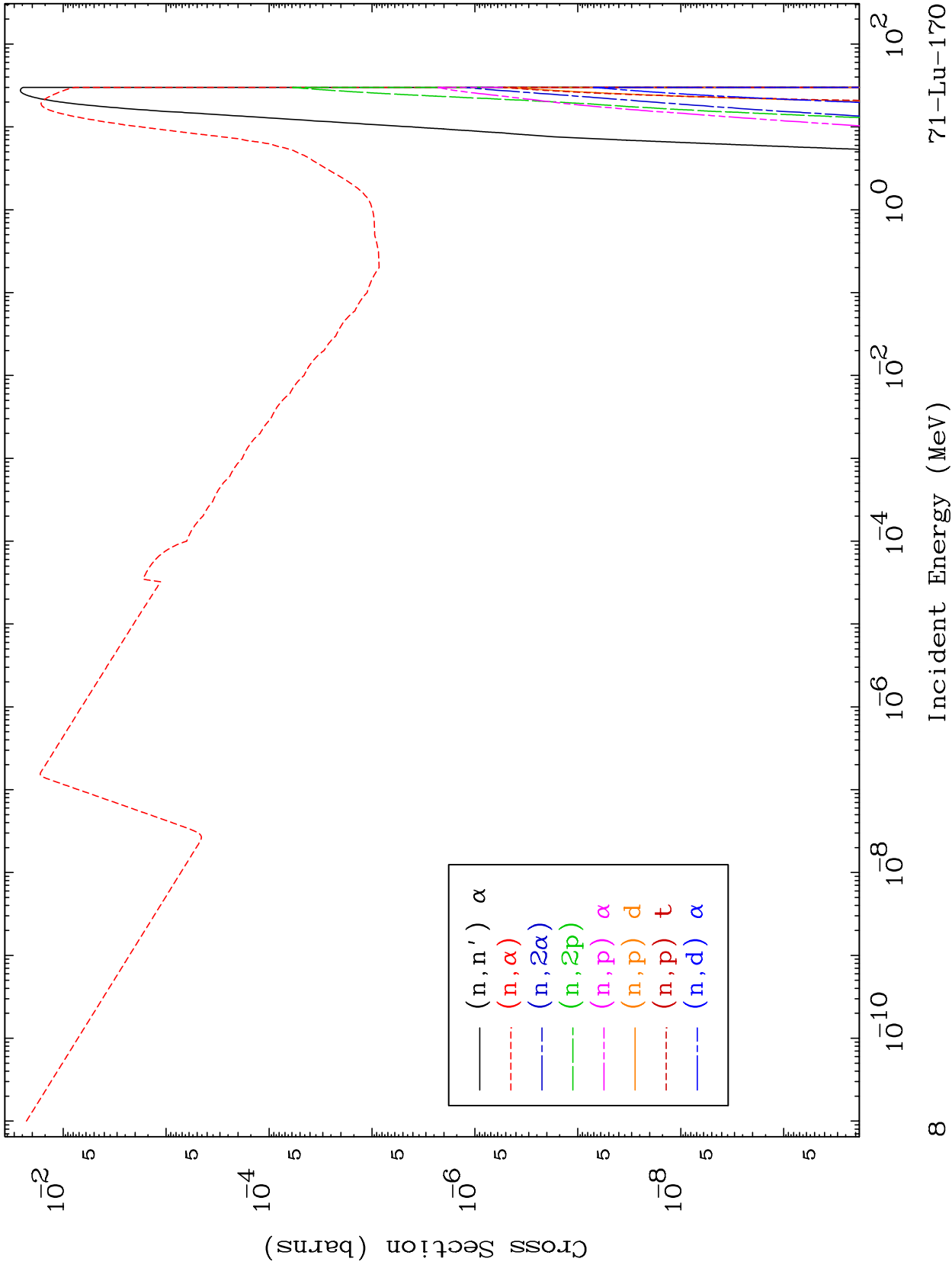
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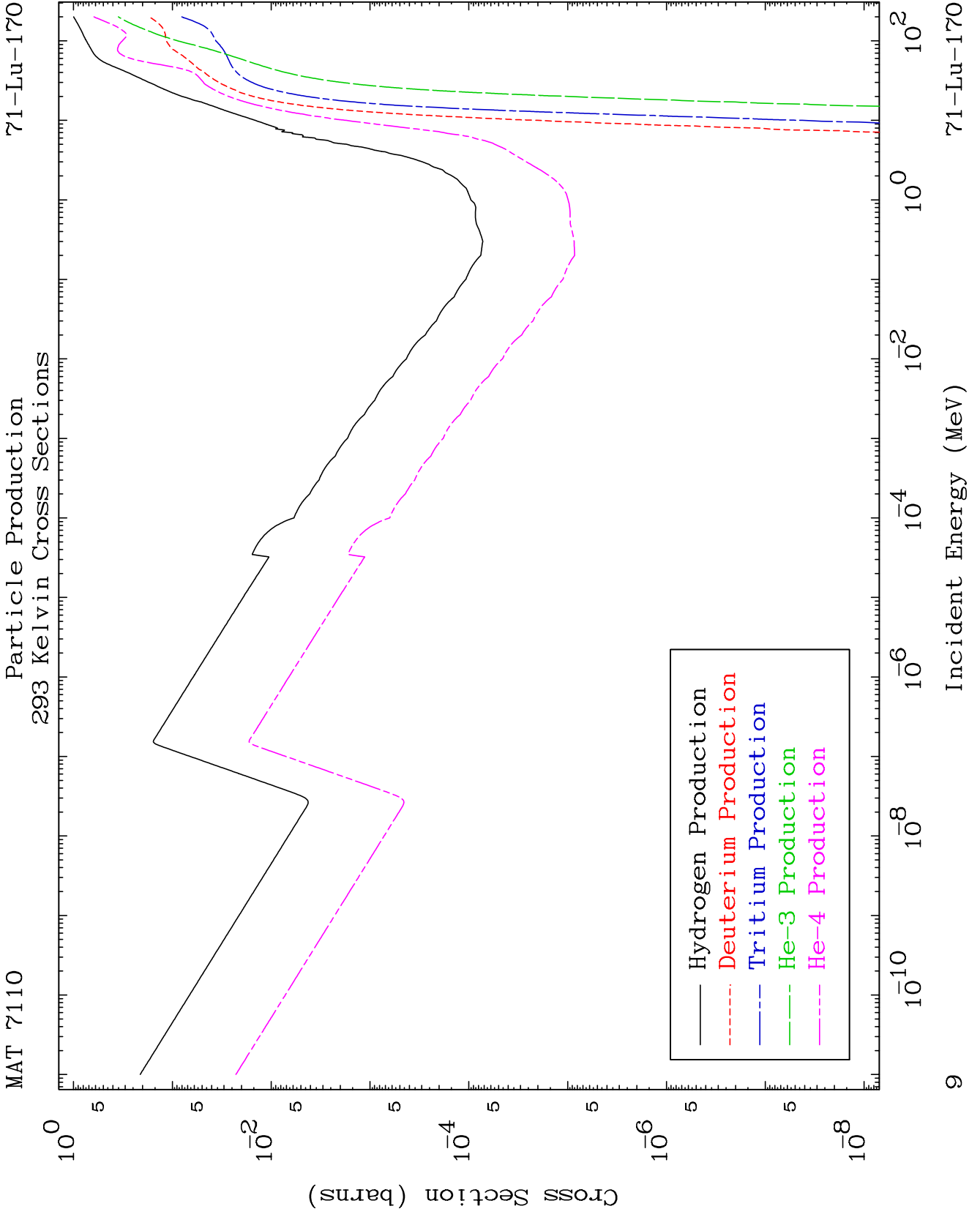


MAT 7110

Charged Particle  
293 Kelvin Cross Sections

71-Lu-170

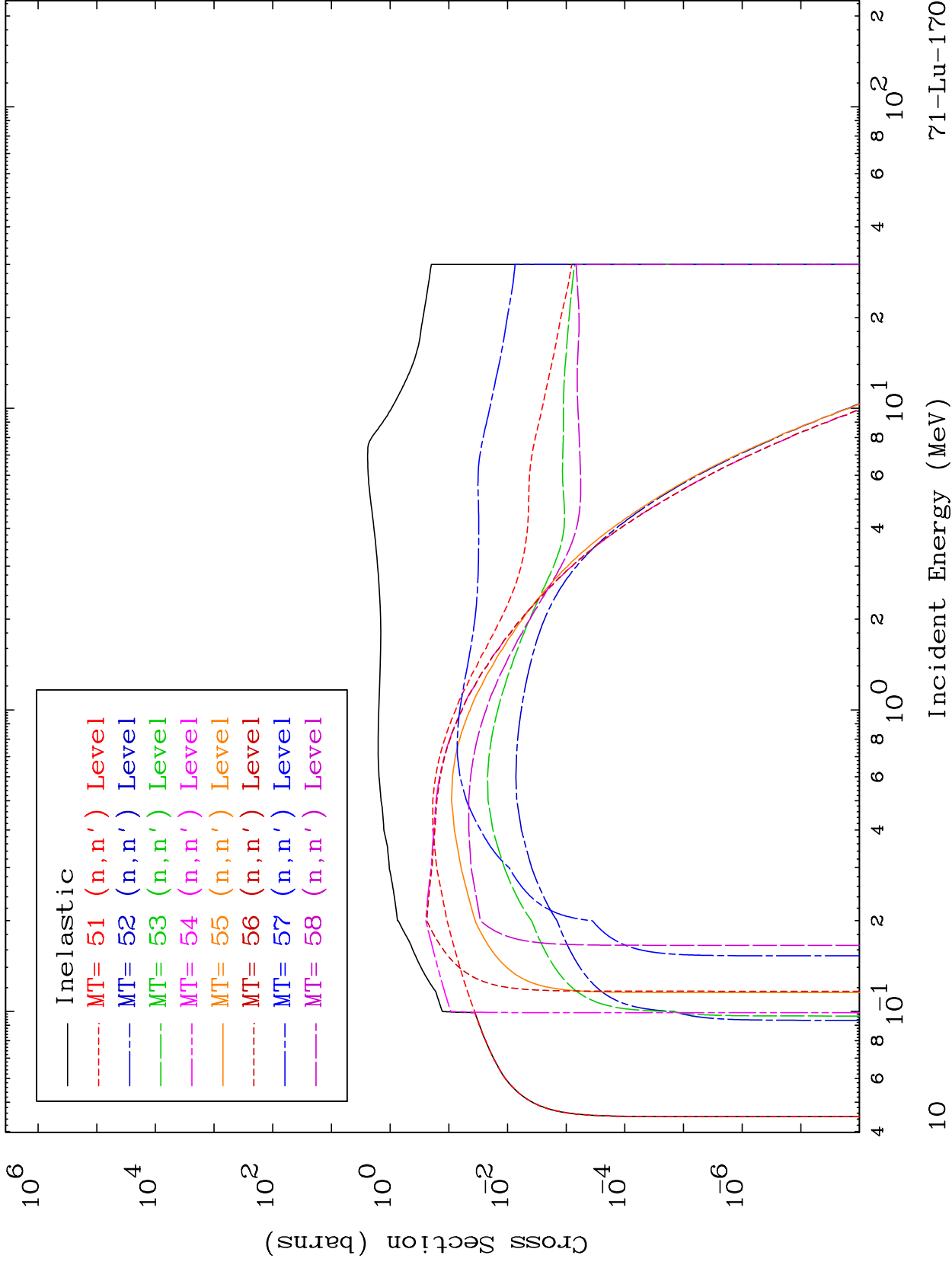




MAT 7110

(n,n') Levels  
293 Kelvin Cross Sections

71-Lu-170



10

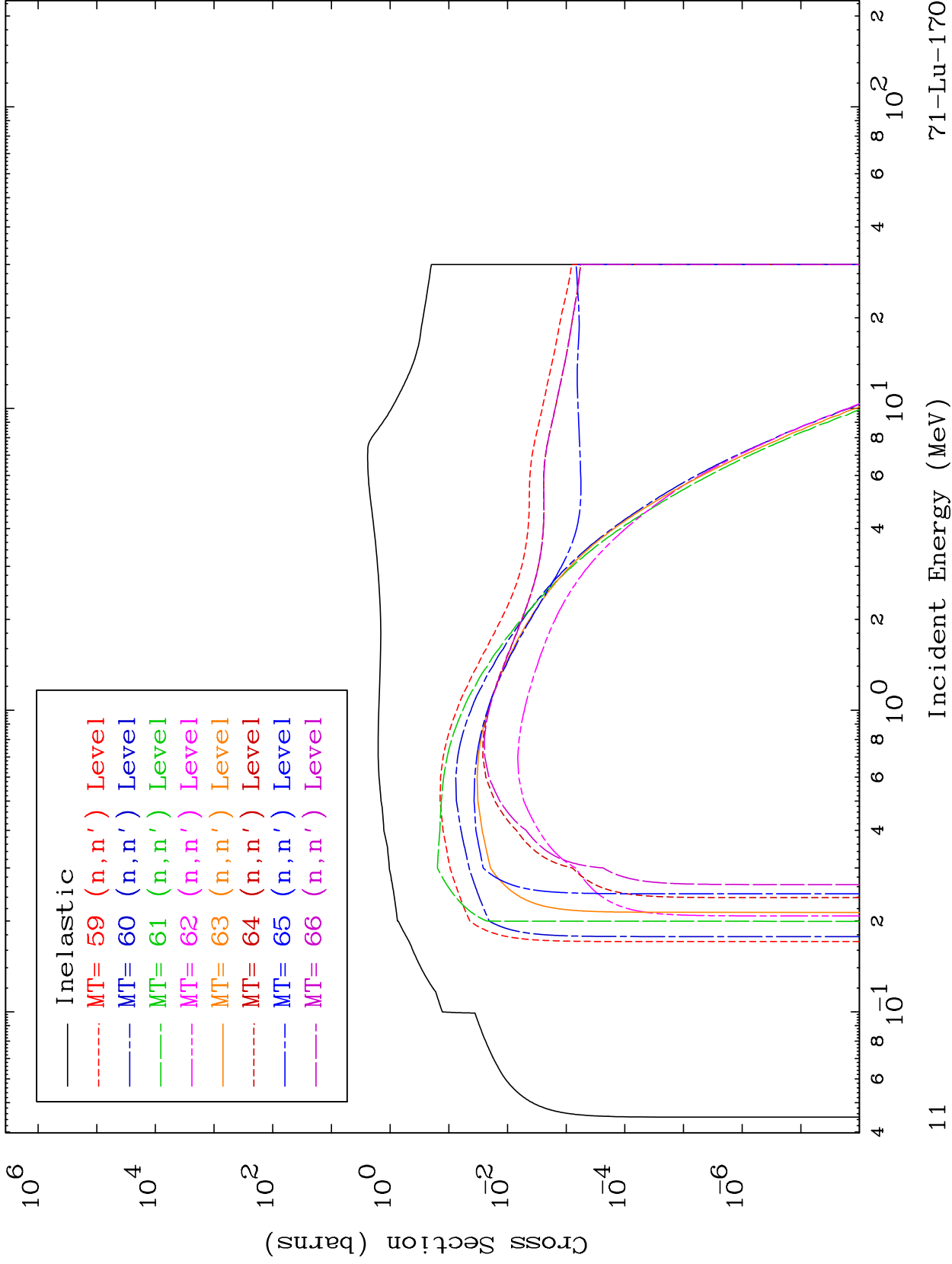
Incident Energy (MeV)

71-Lu-170

MAT 7110

(n,n') Levels  
293 Kelvin Cross Sections

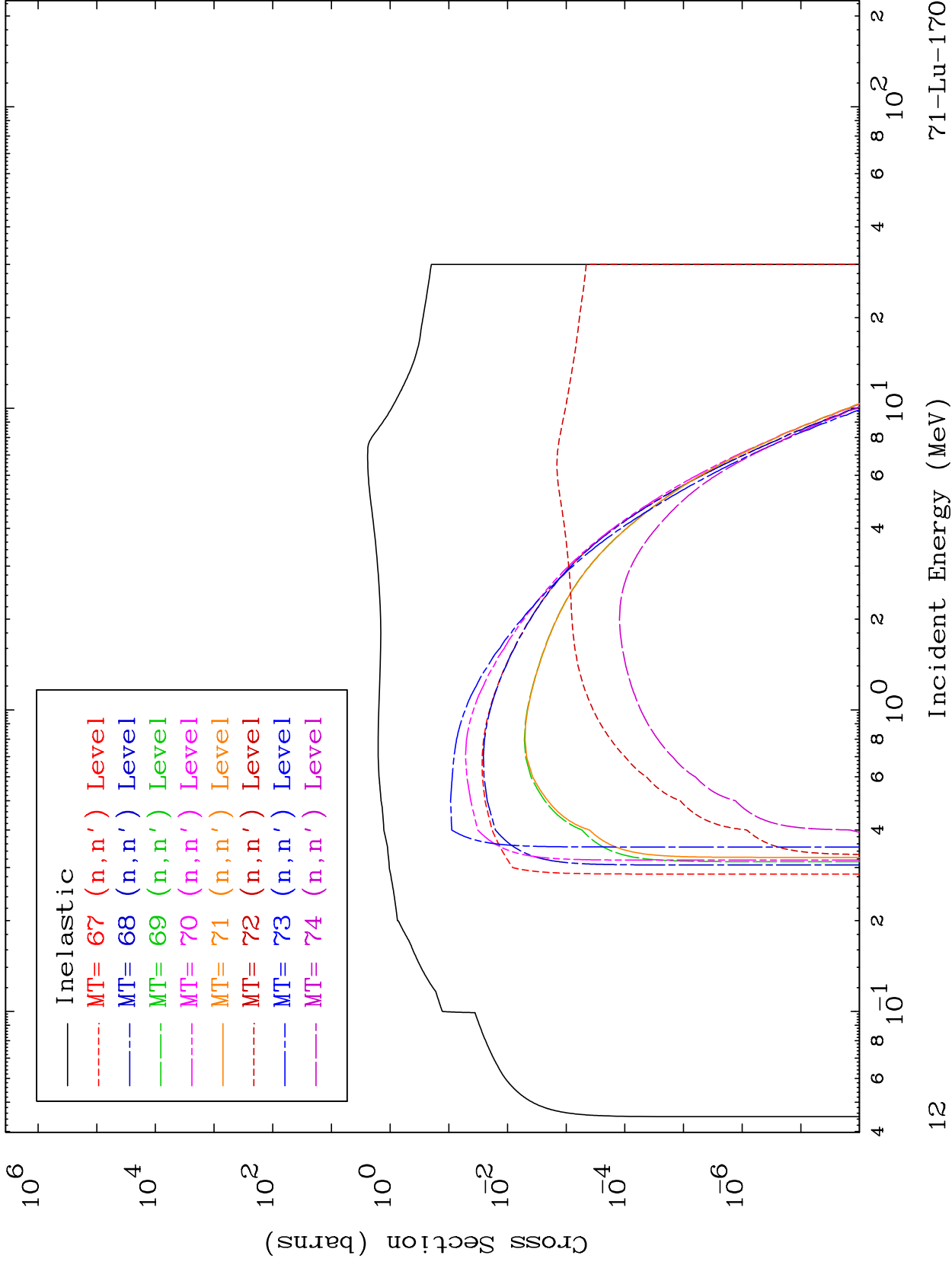
71-Lu-170



MAT 7110

(n,n') Levels  
293 Kelvin Cross Sections

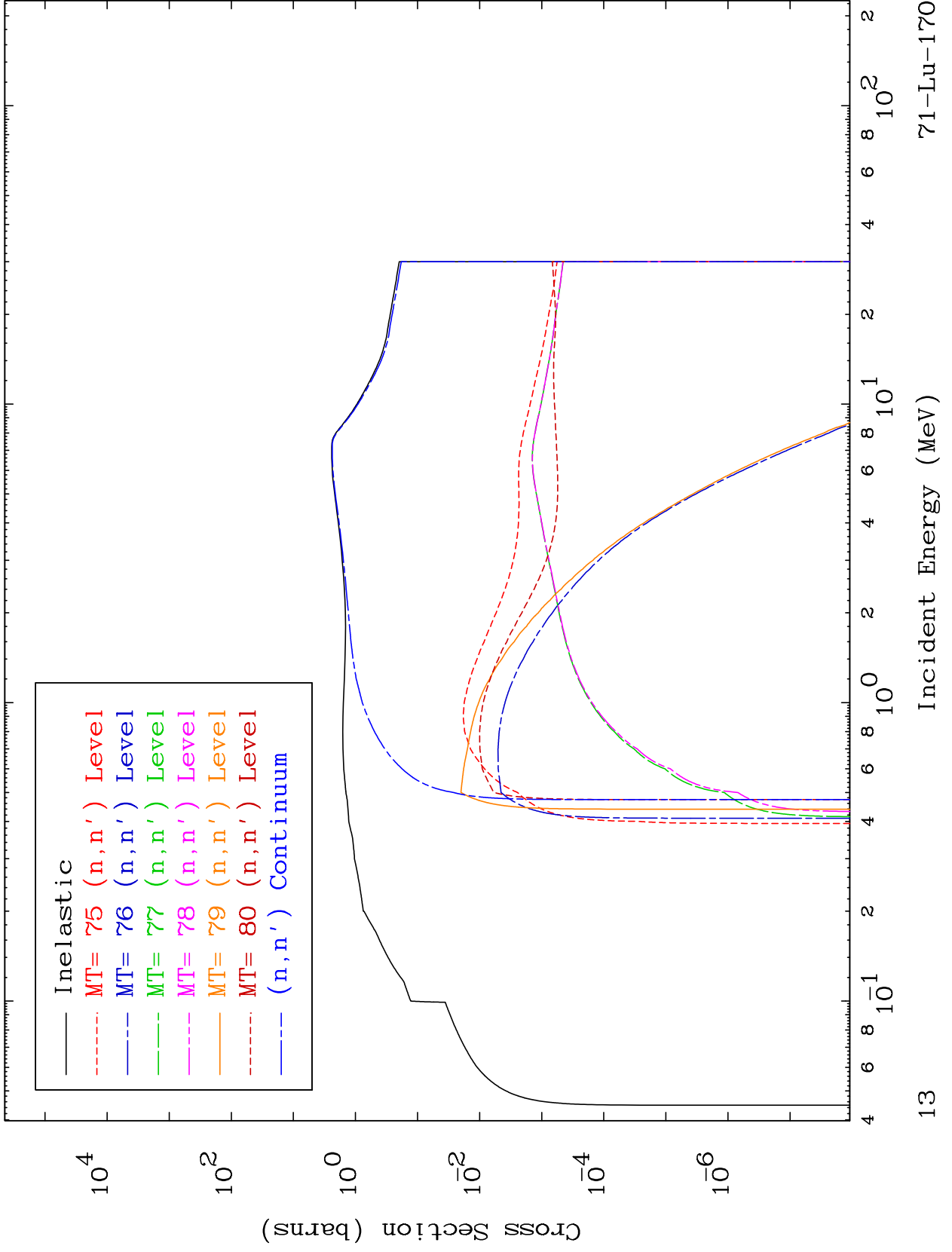
71-Lu-170



MAT 7110

(n,n') Levels  
293 Kelvin Cross Sections

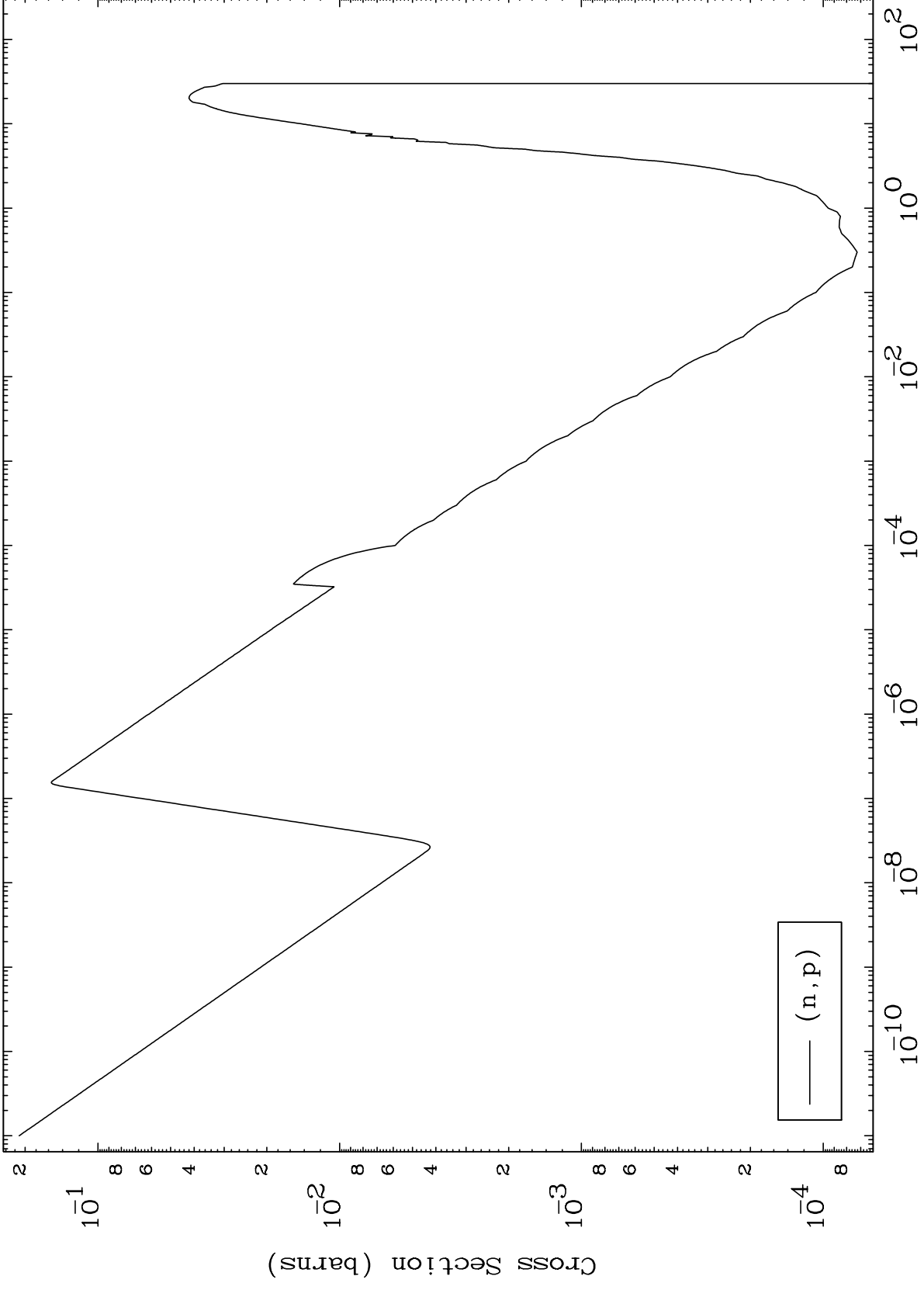
71-Lu-170



MAT 7110

(n,p) Levels  
293 Kelvin Cross Sections

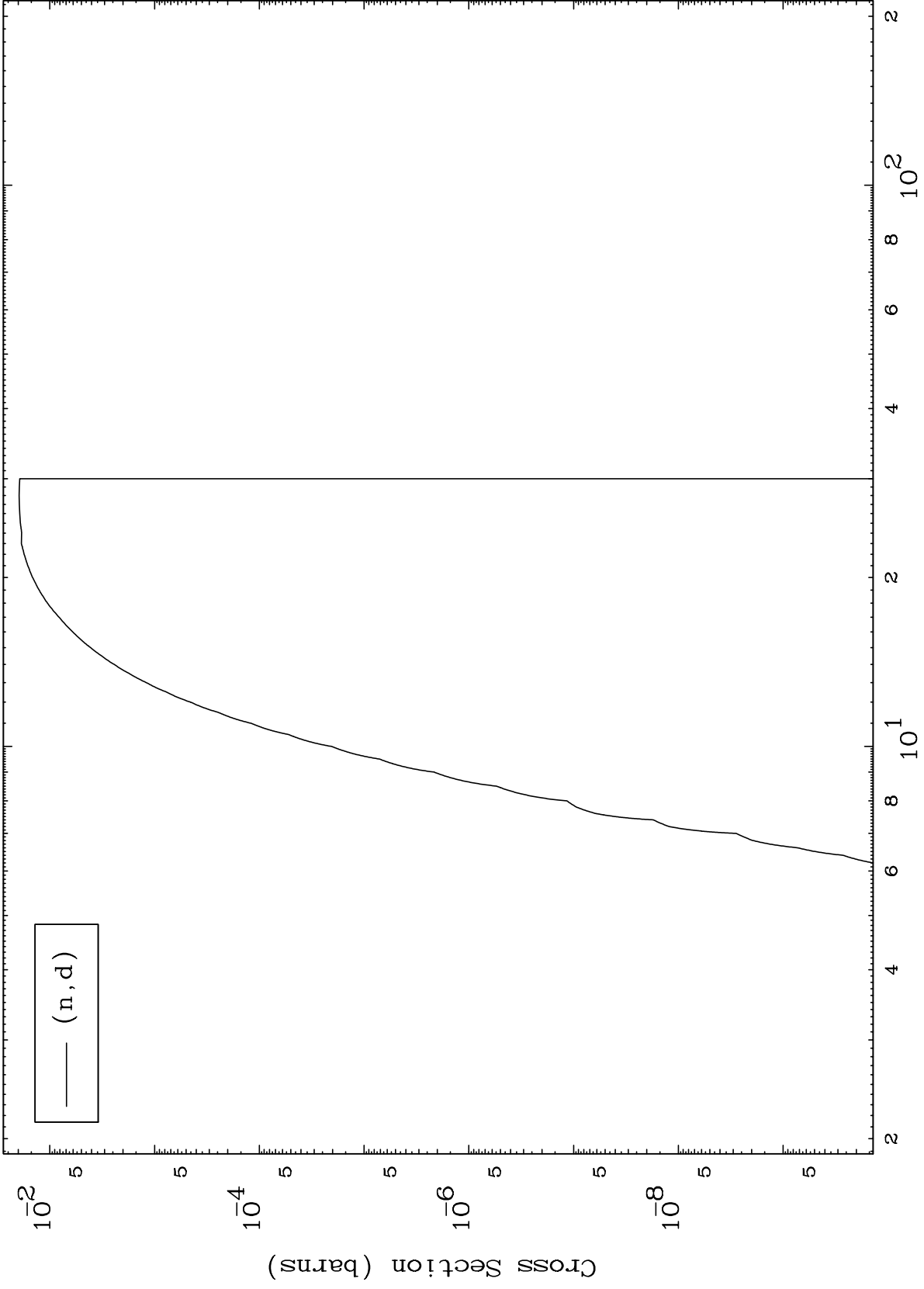
71-Lu-170



MAT 7110

(n,d) Levels  
293 Kelvin Cross Sections

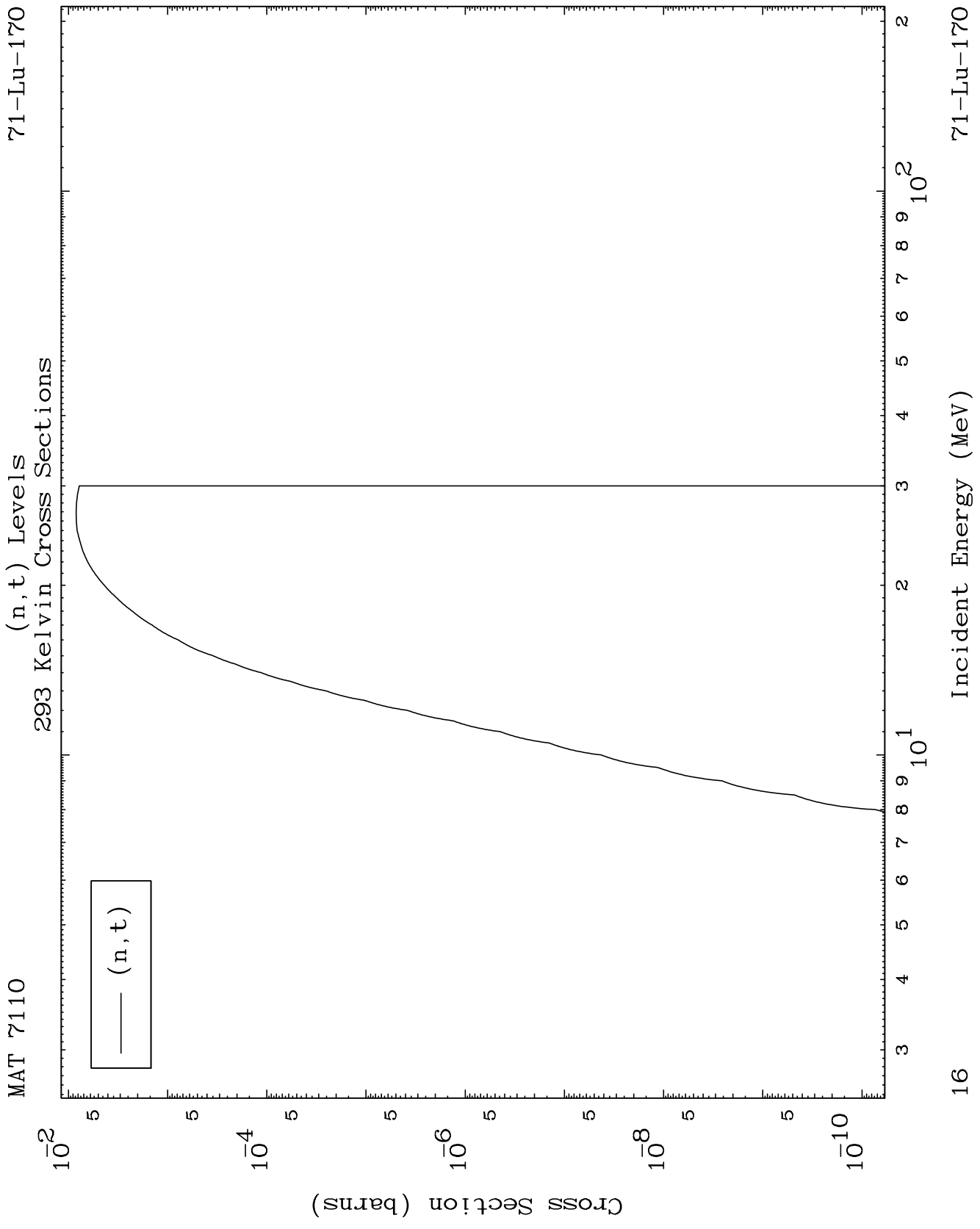
71-Lu-170



15

Incident Energy (MeV)

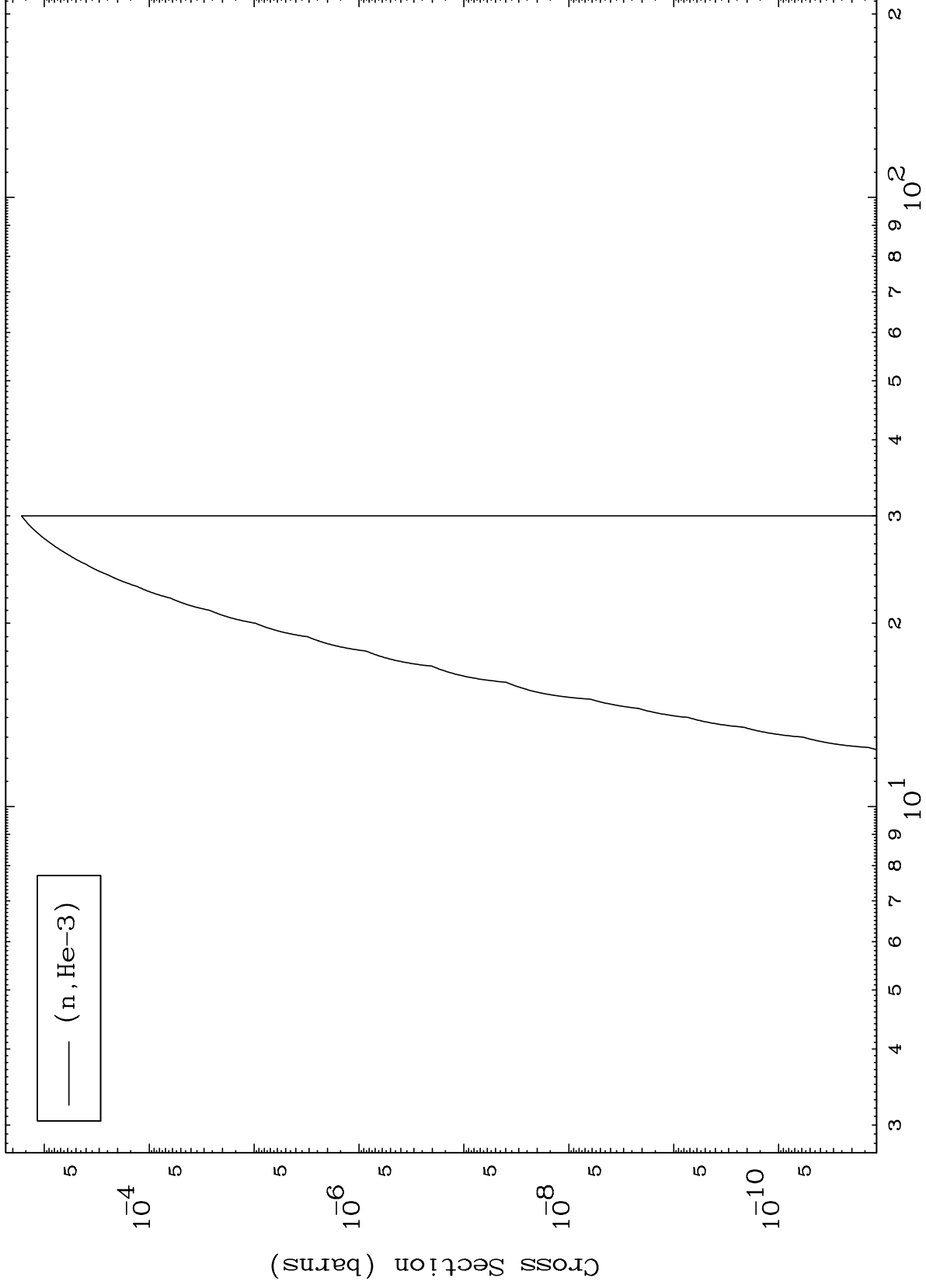
71-Lu-170



MAT 7110

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-170



17

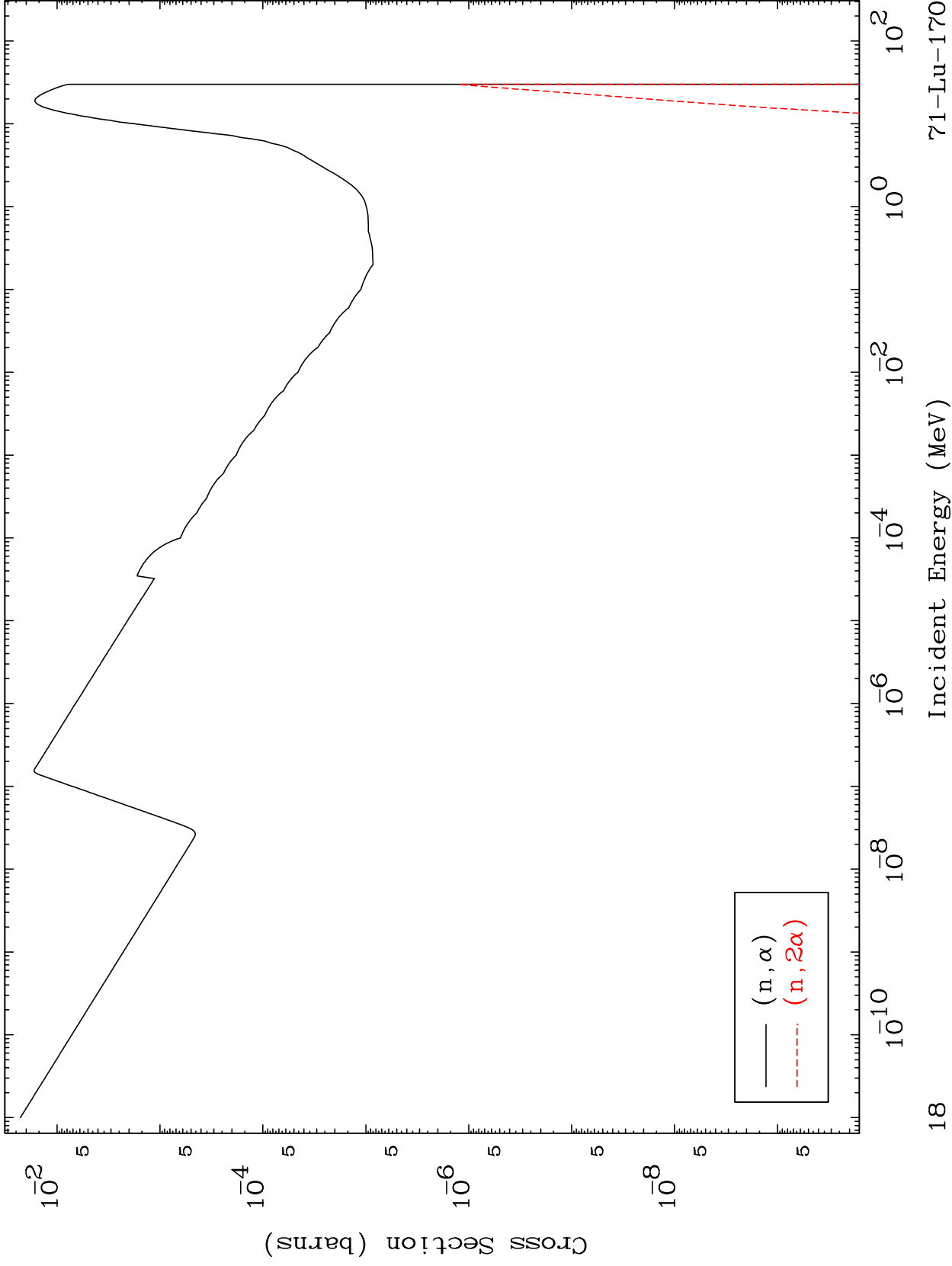
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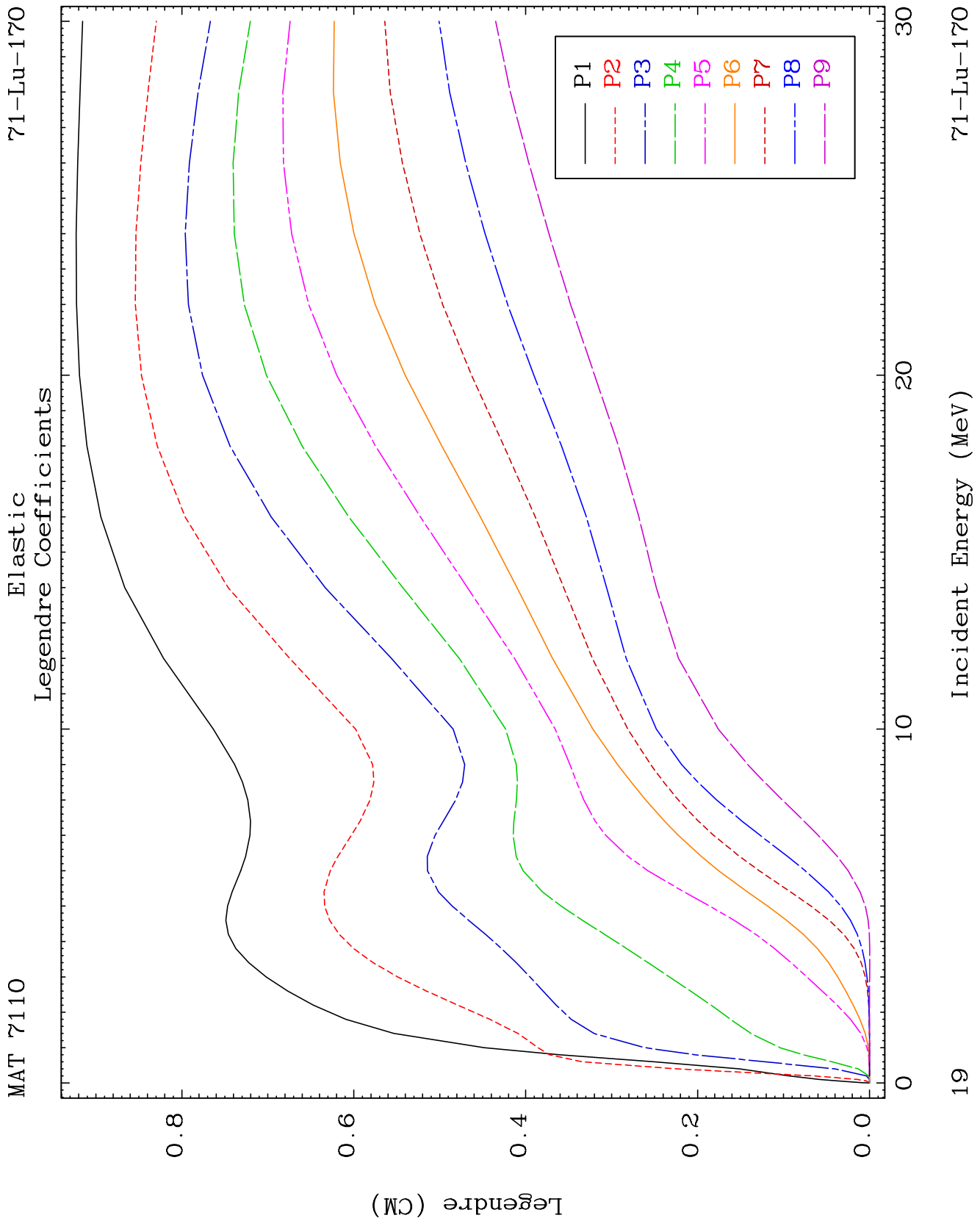
71-Lu-170

MAT 7110

(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-170

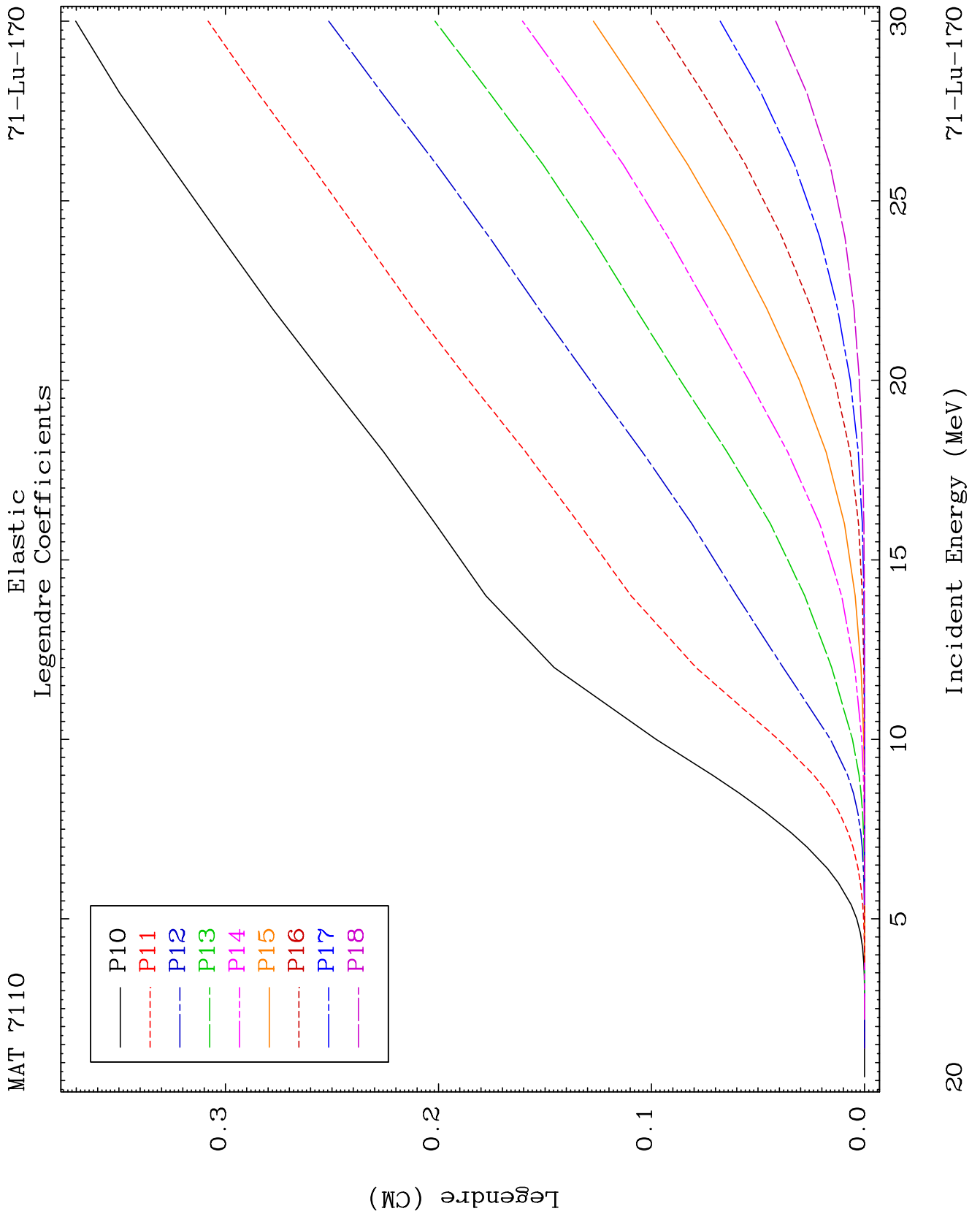




71-Lu-170

Incident Energy (MeV)

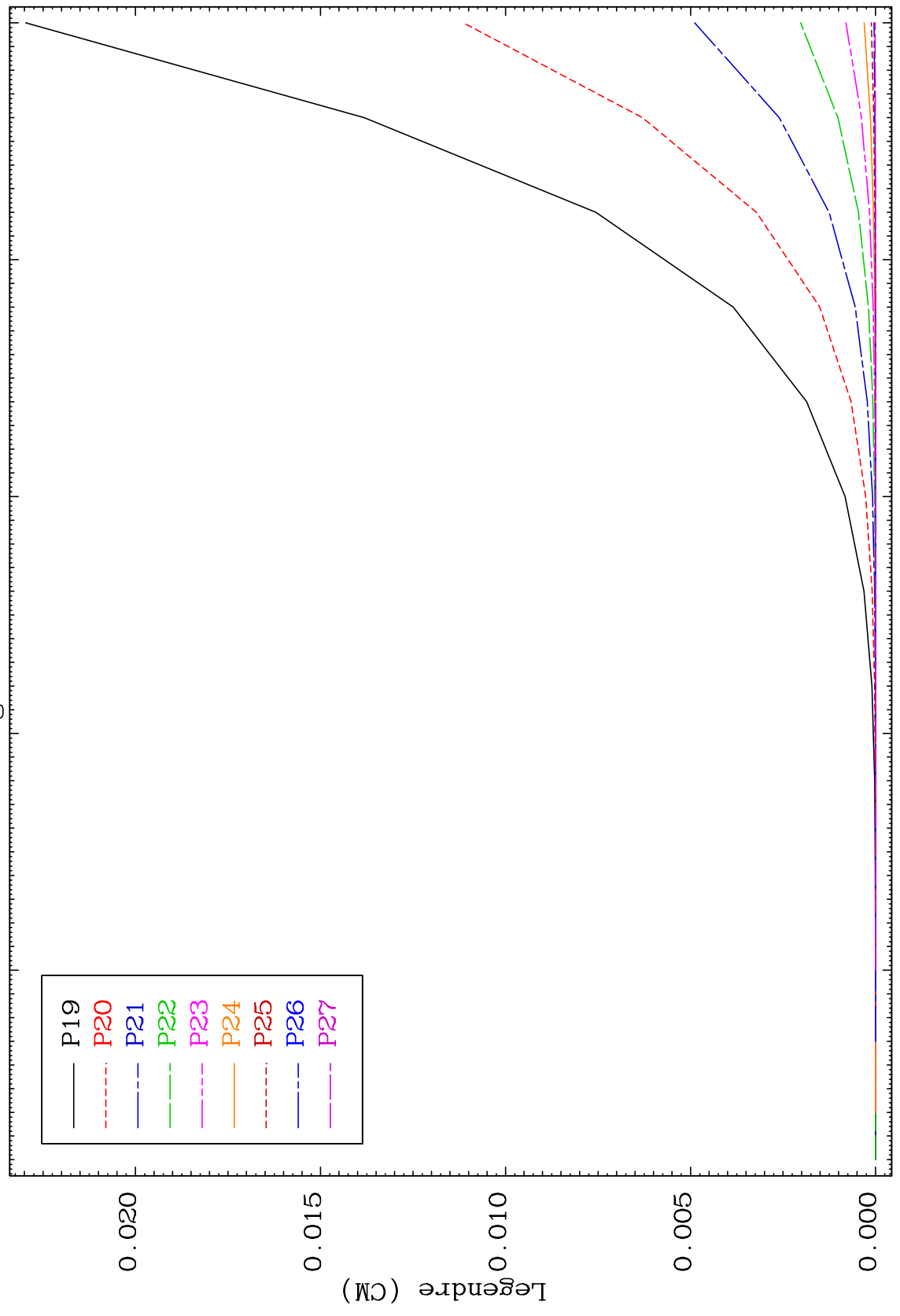
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MAT 7110

Elastic Legendre Coefficients

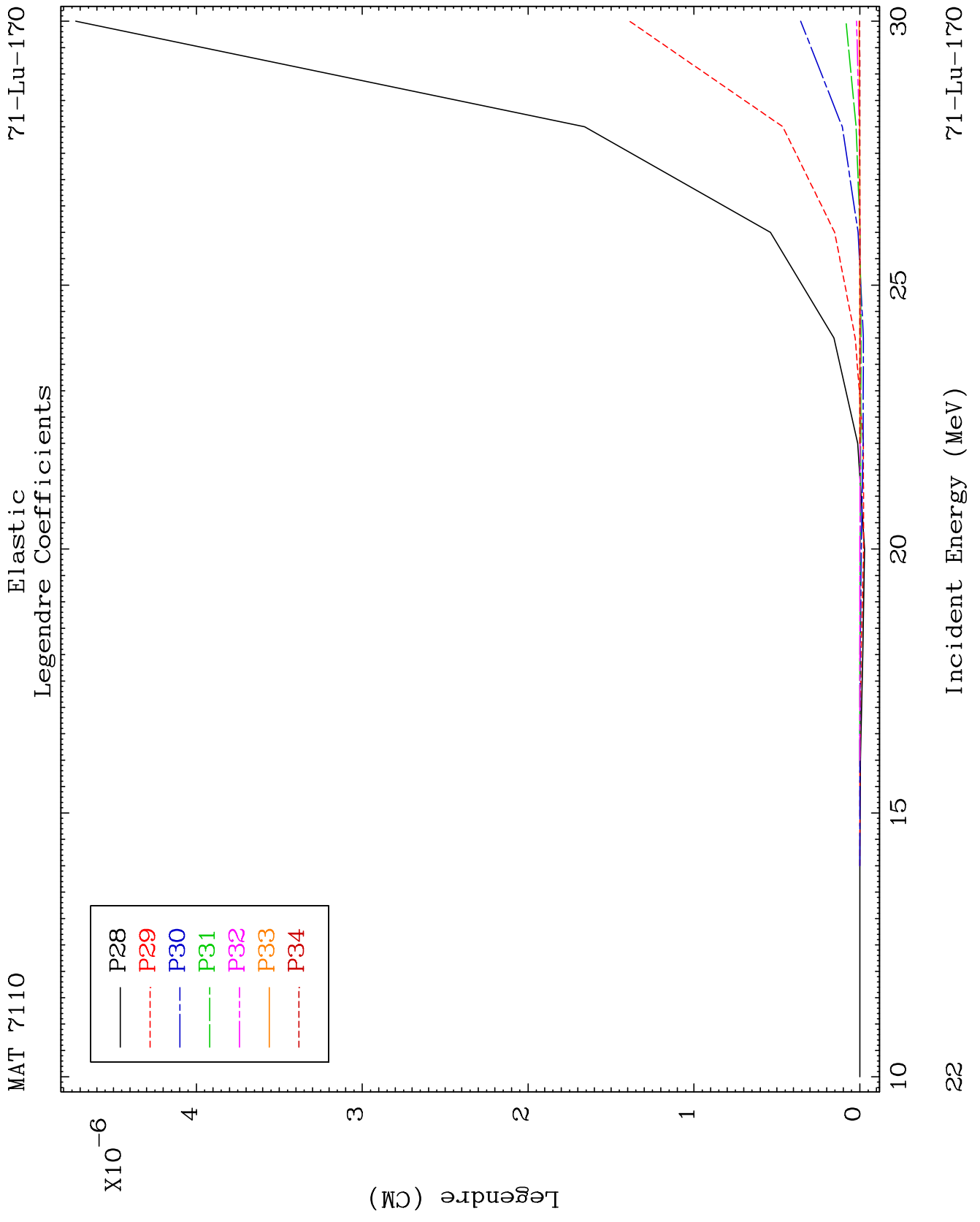
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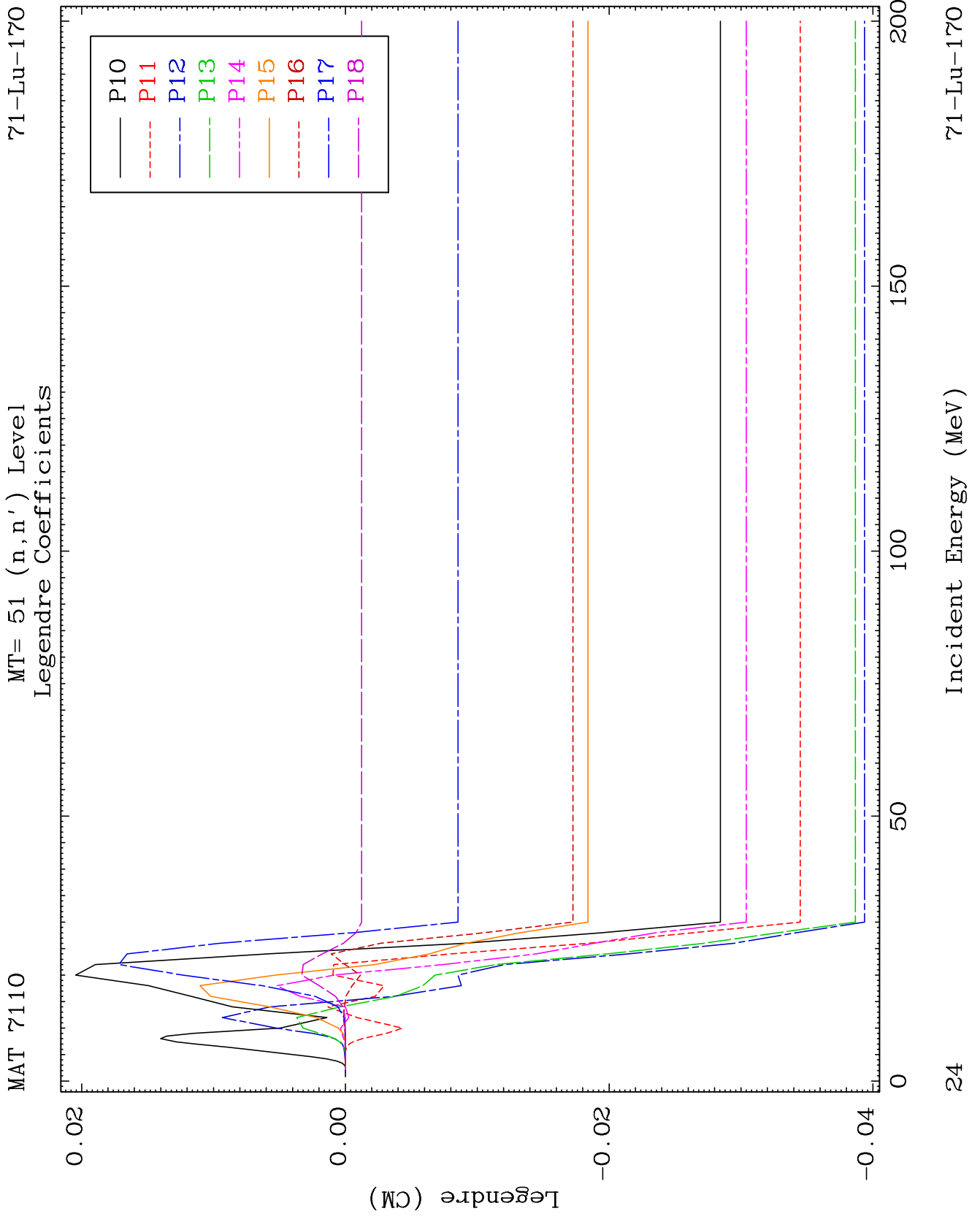
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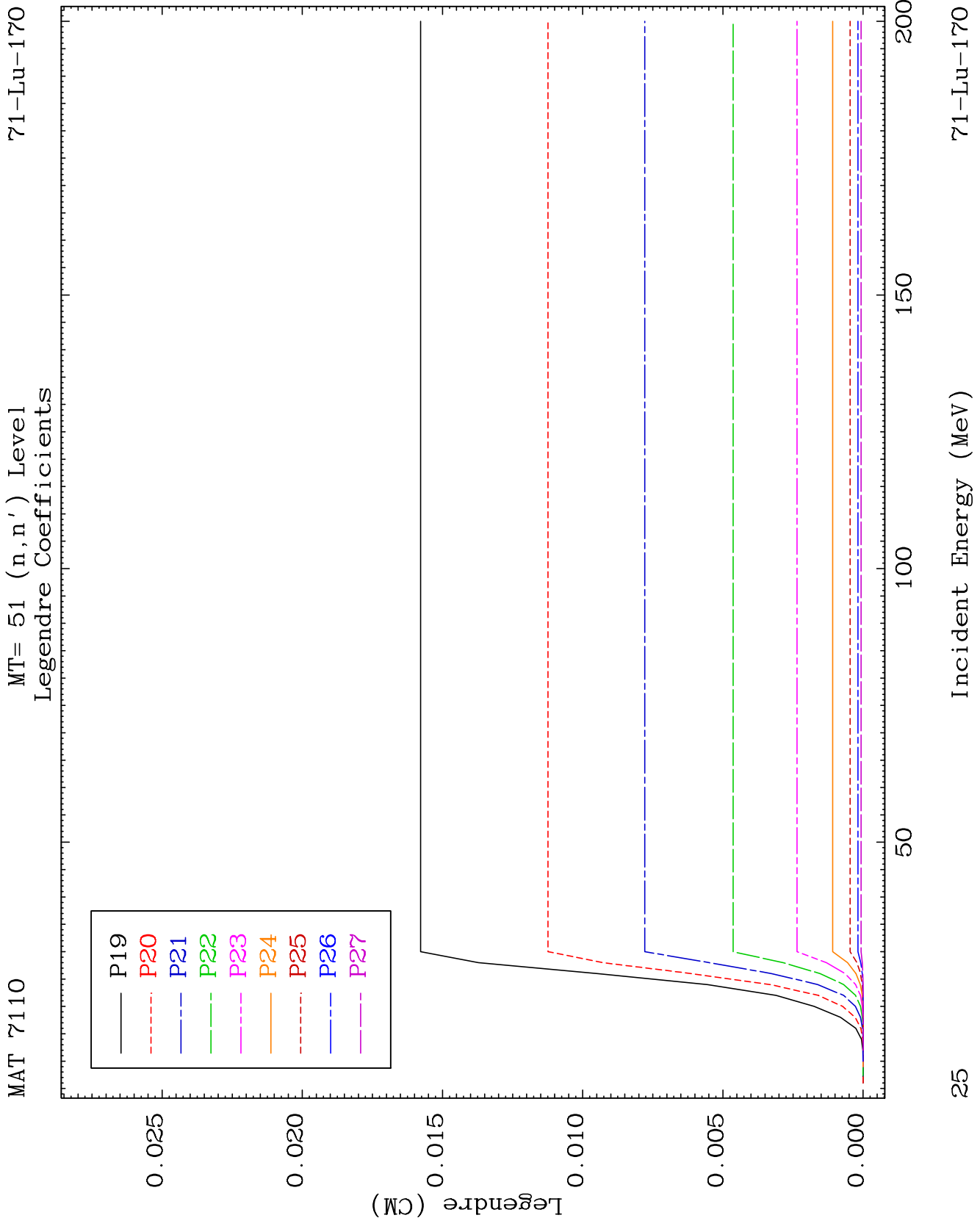
Incident Energy (MeV)

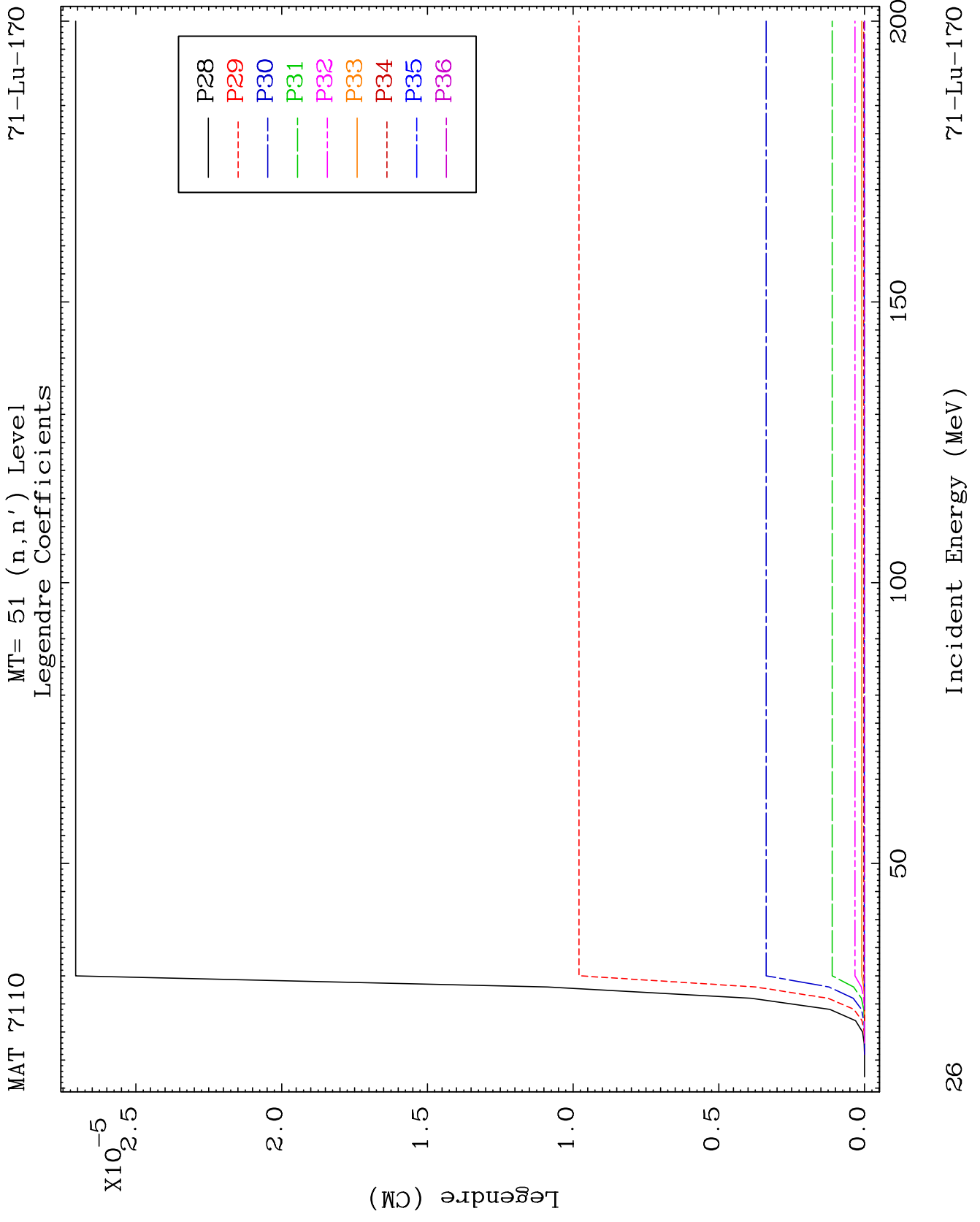
71-Lu-170



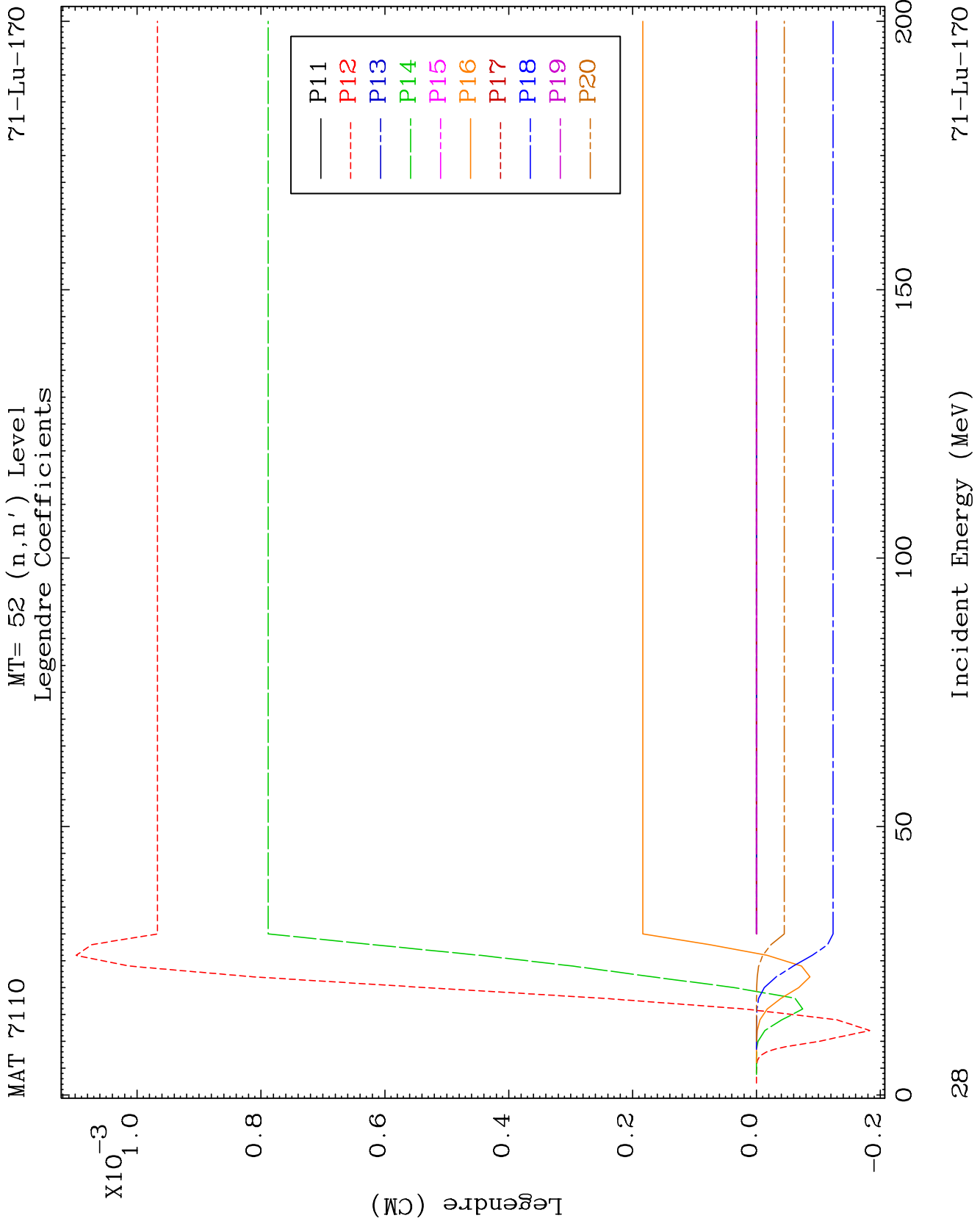


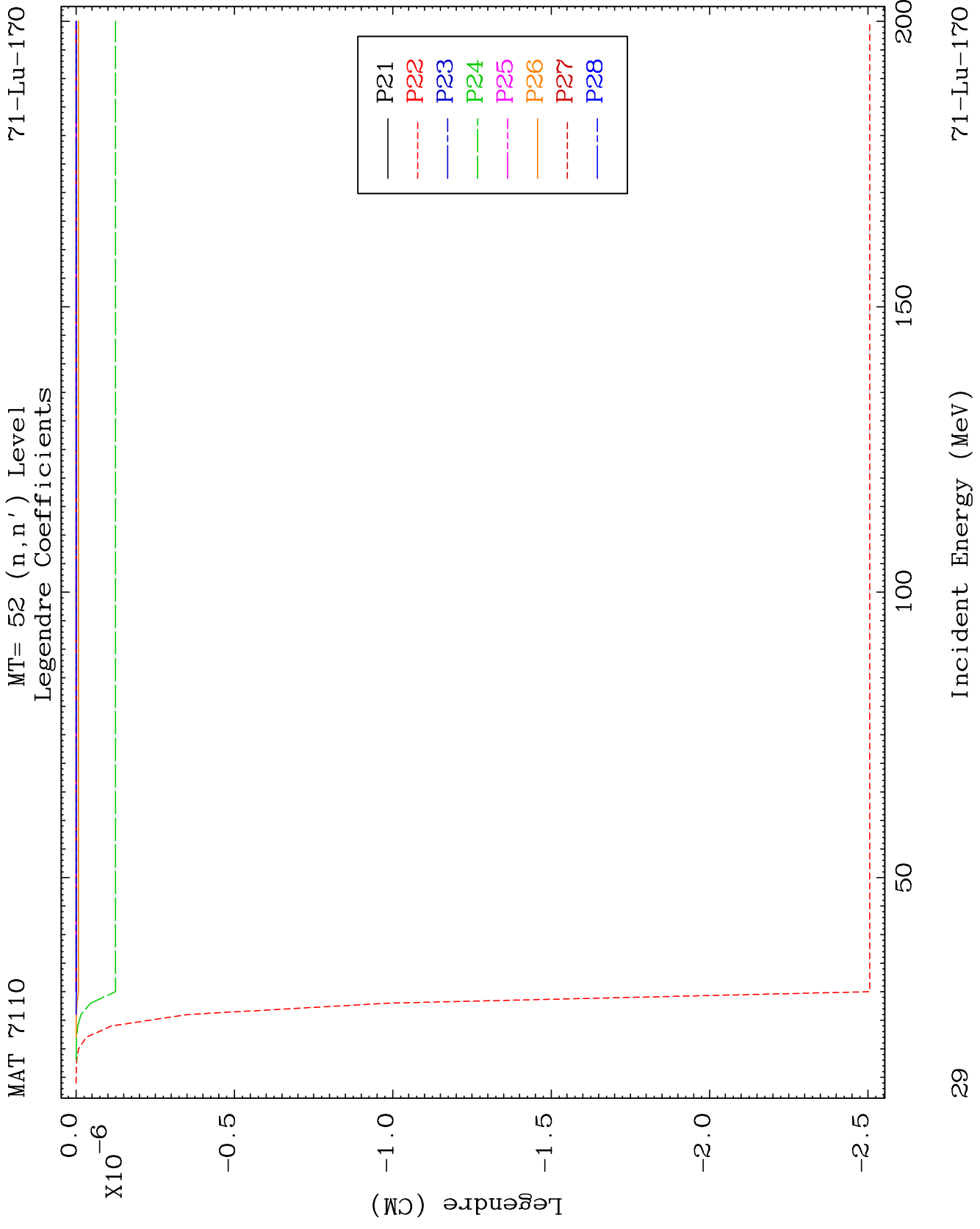


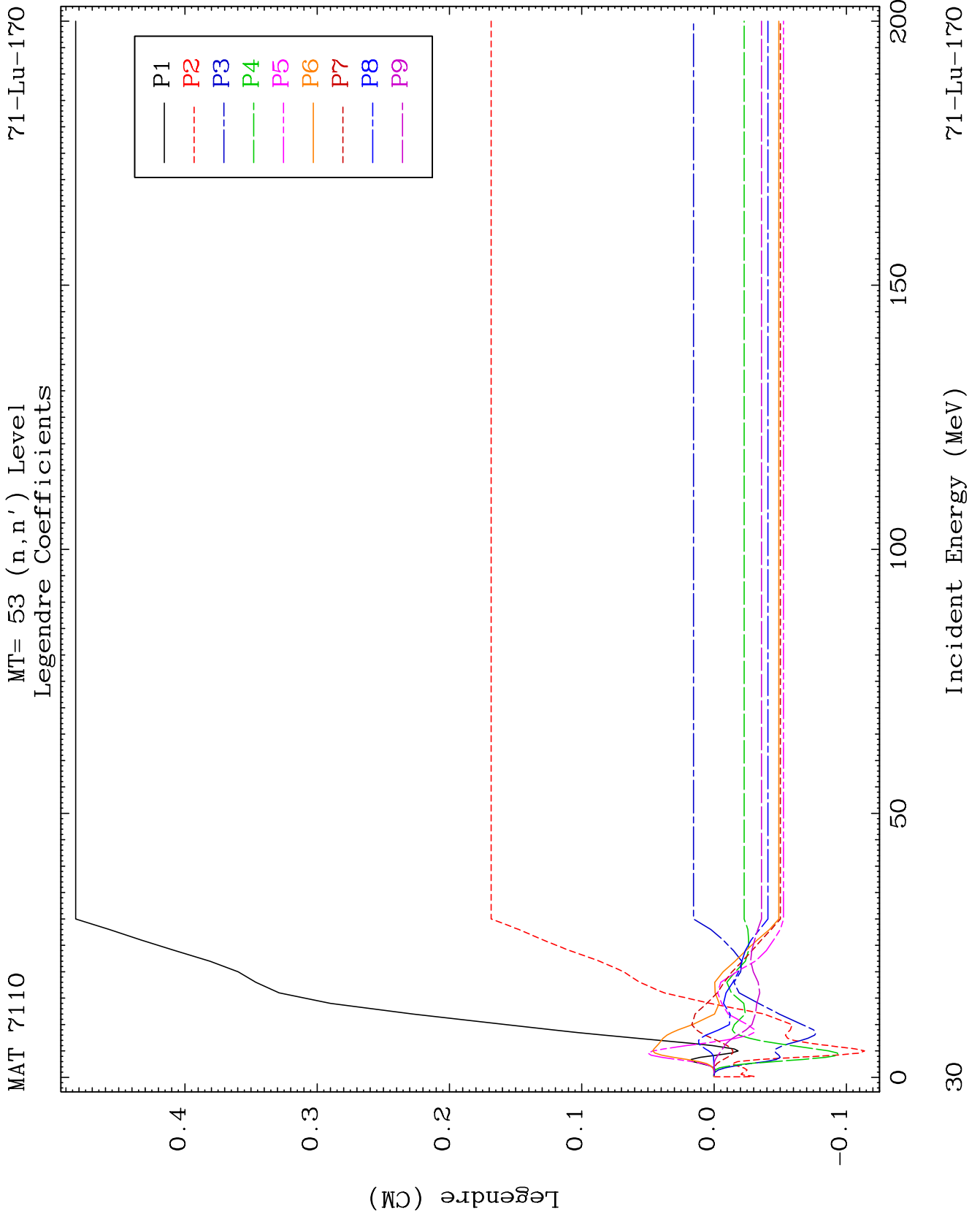










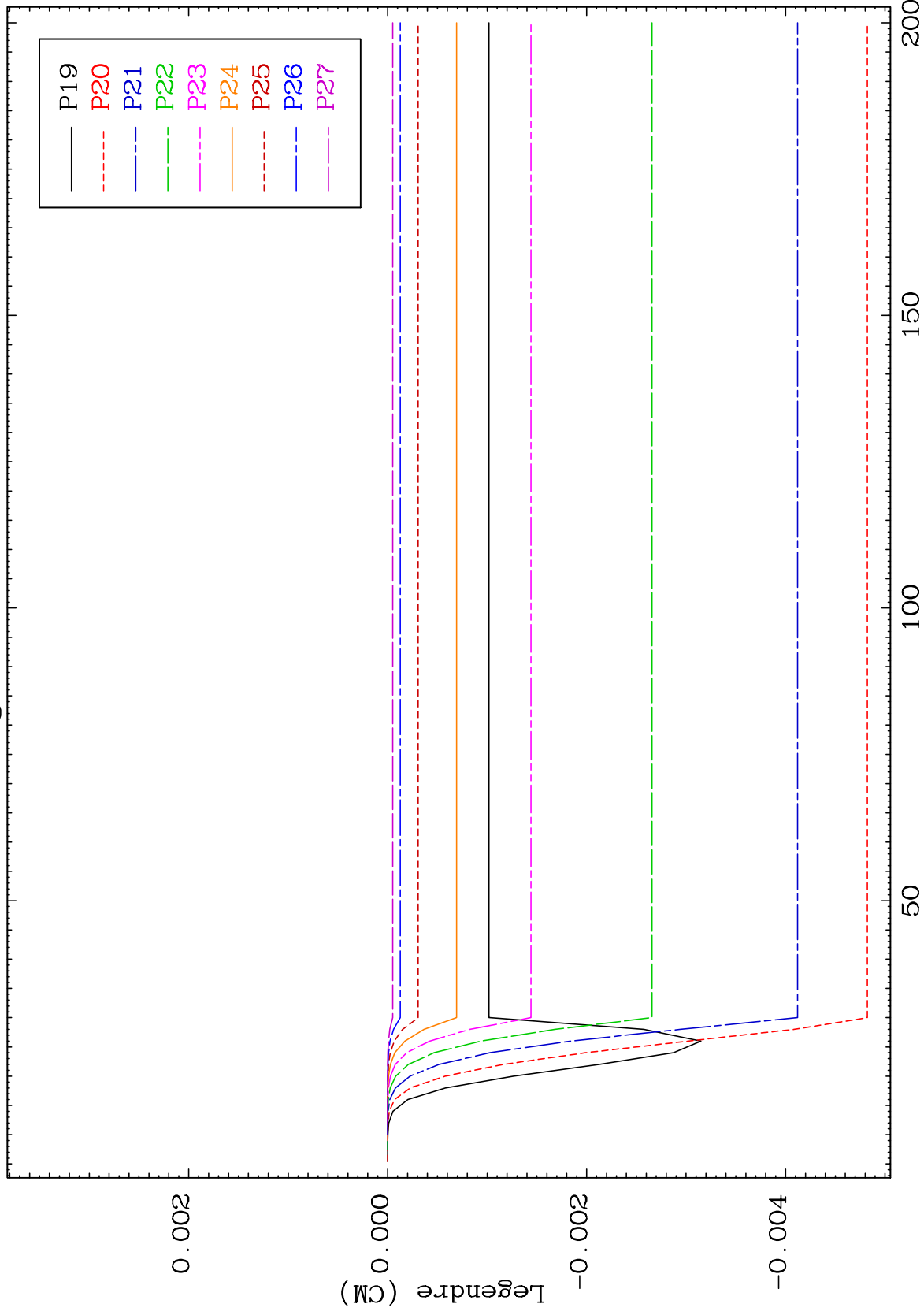




MAT 7110

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

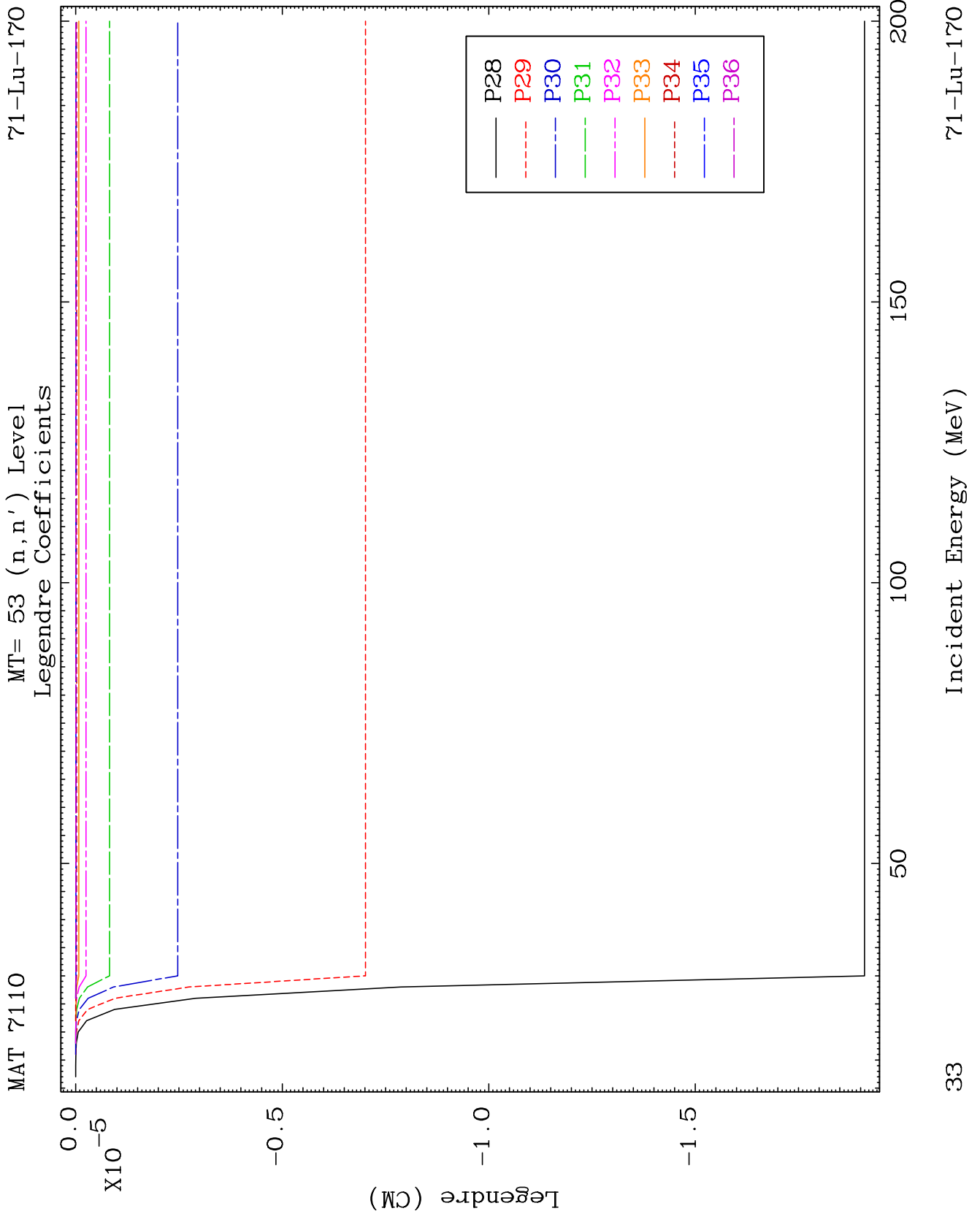
71-Lu-170

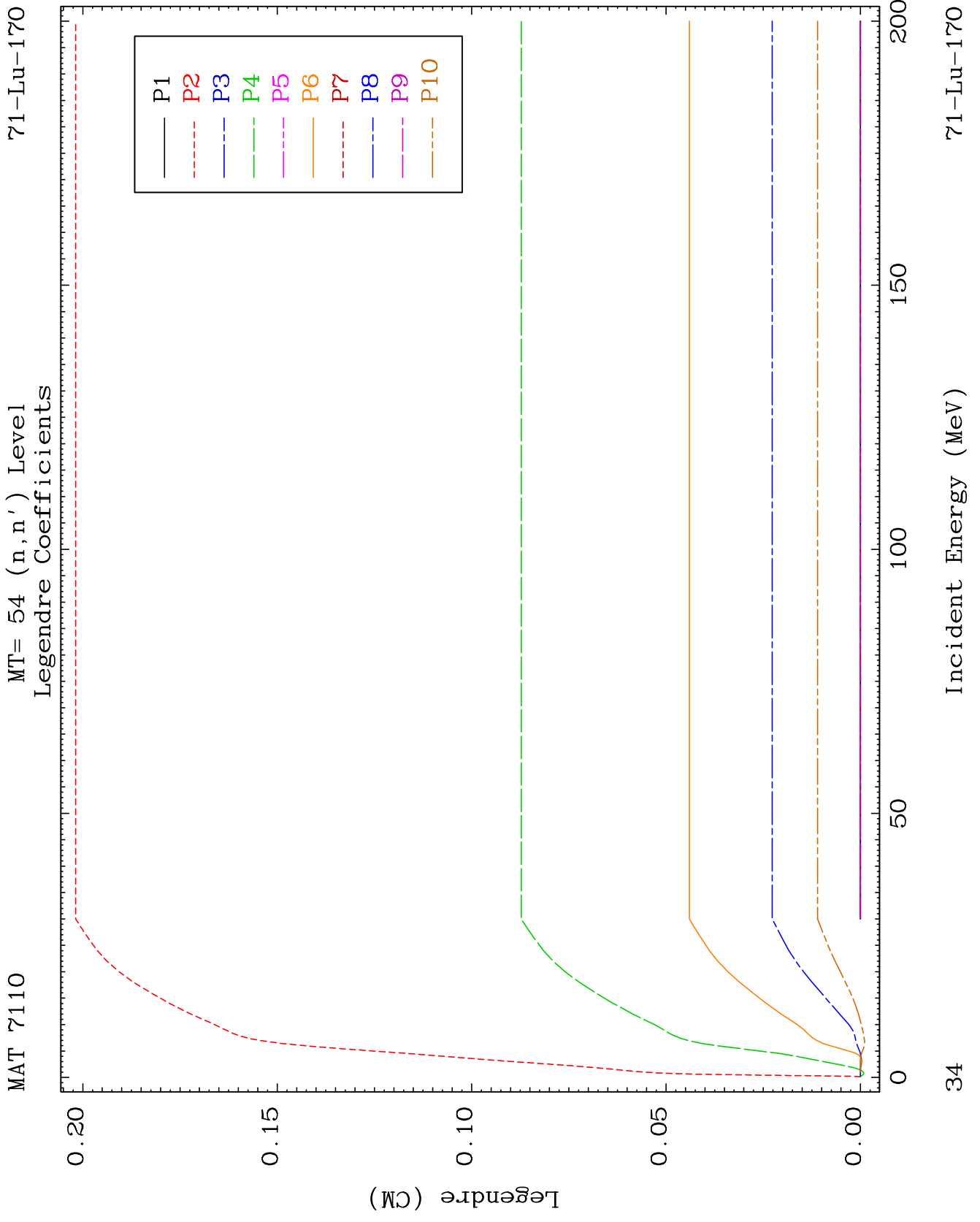


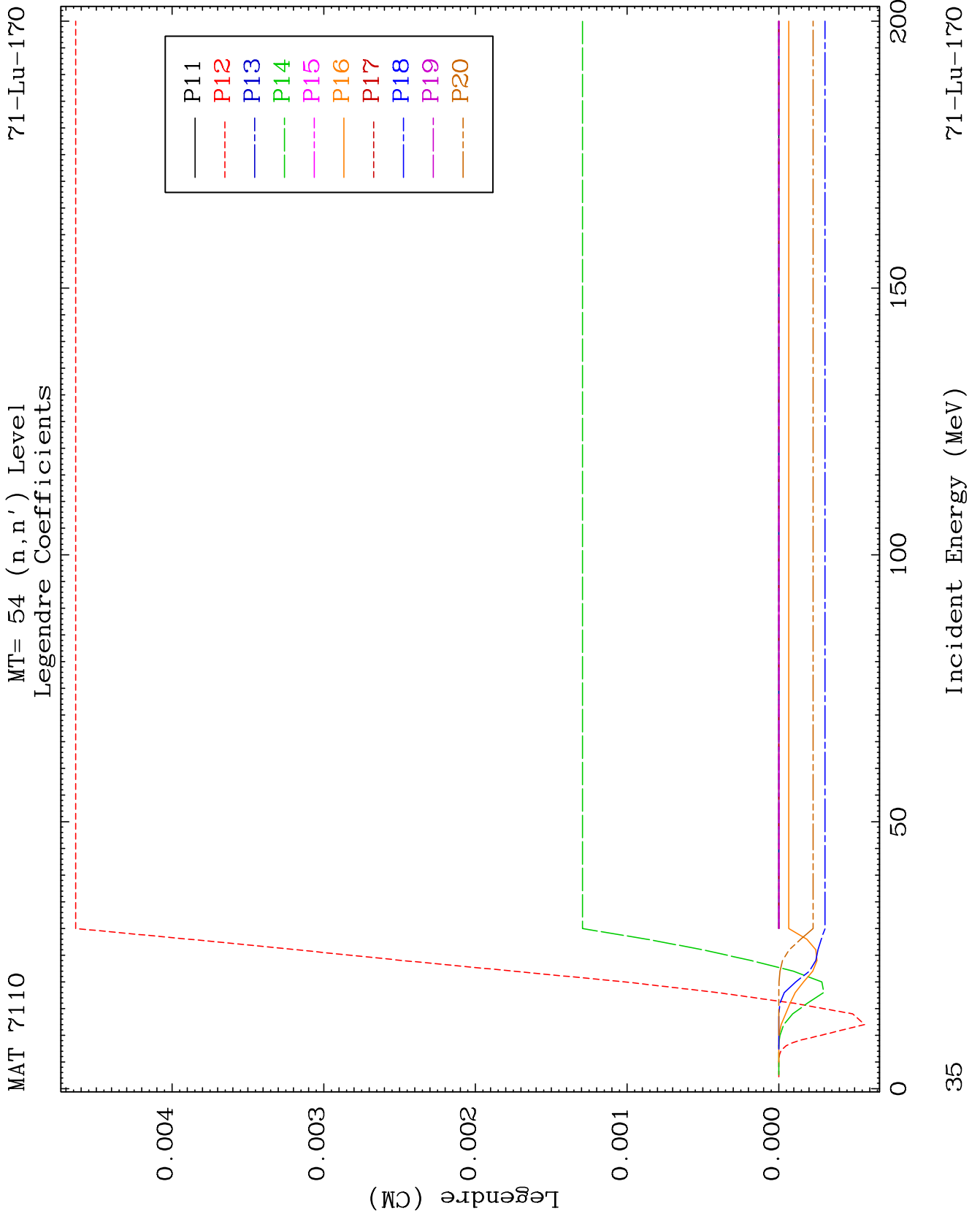
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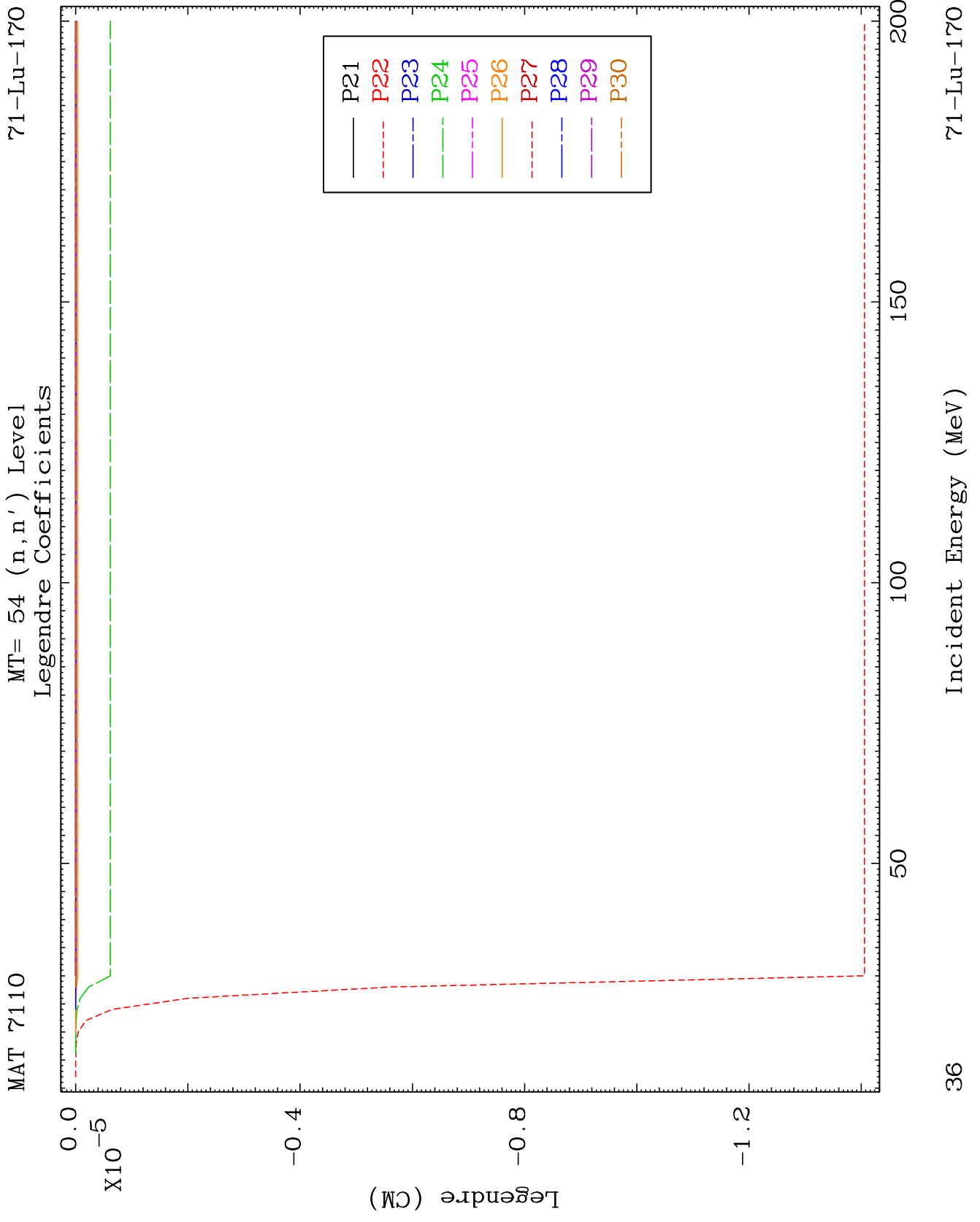
Incident Energy (MeV)

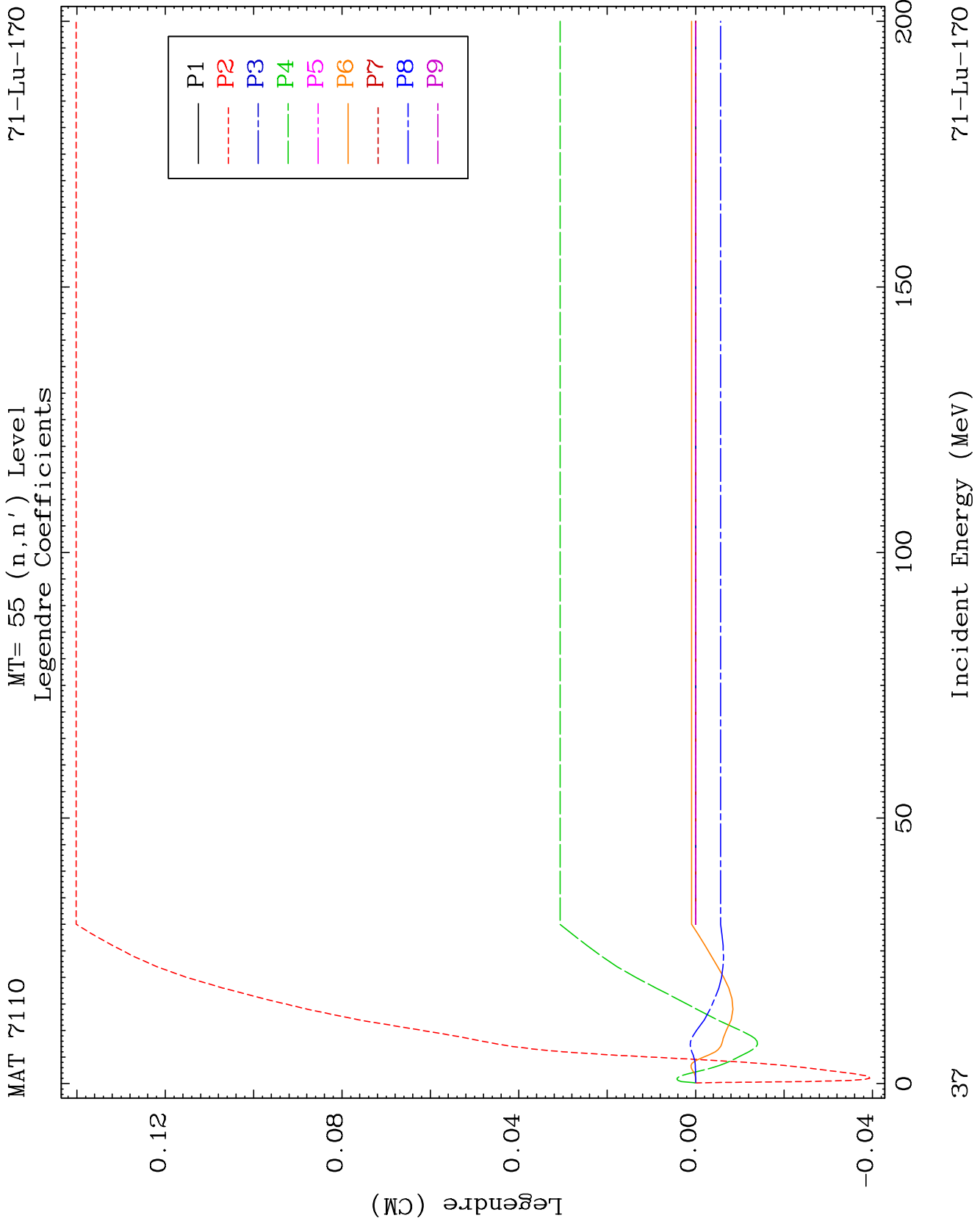
71-Lu-170

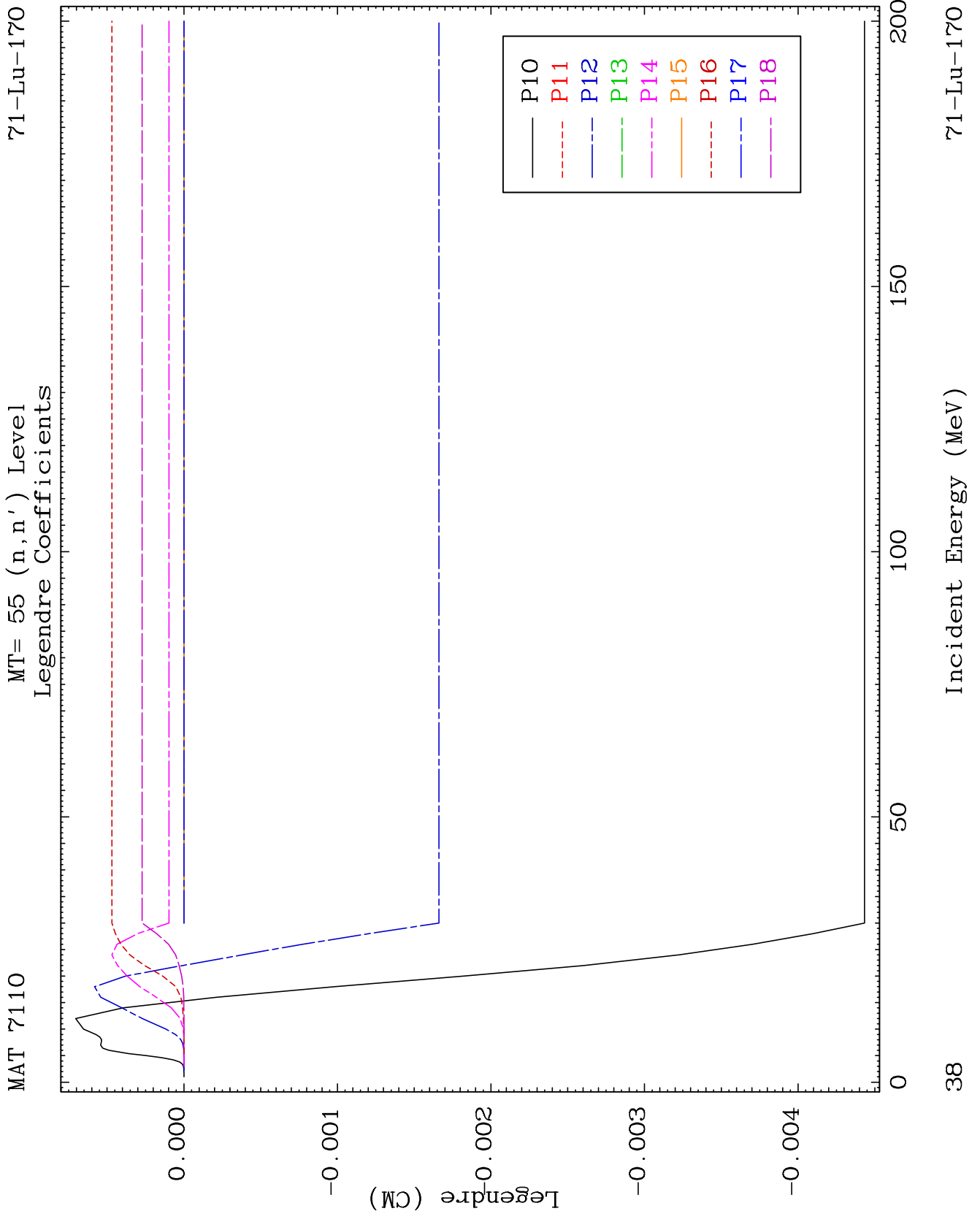


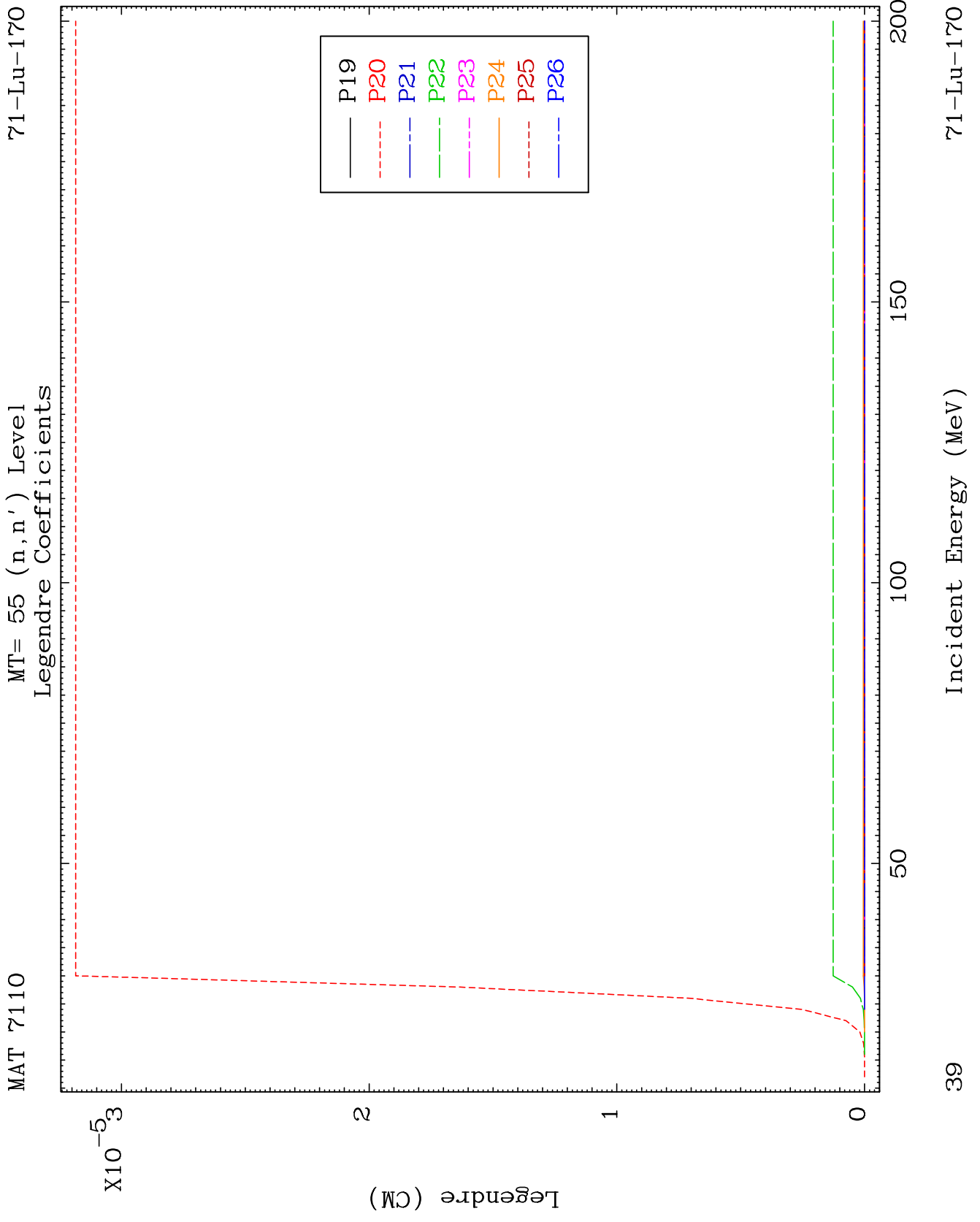


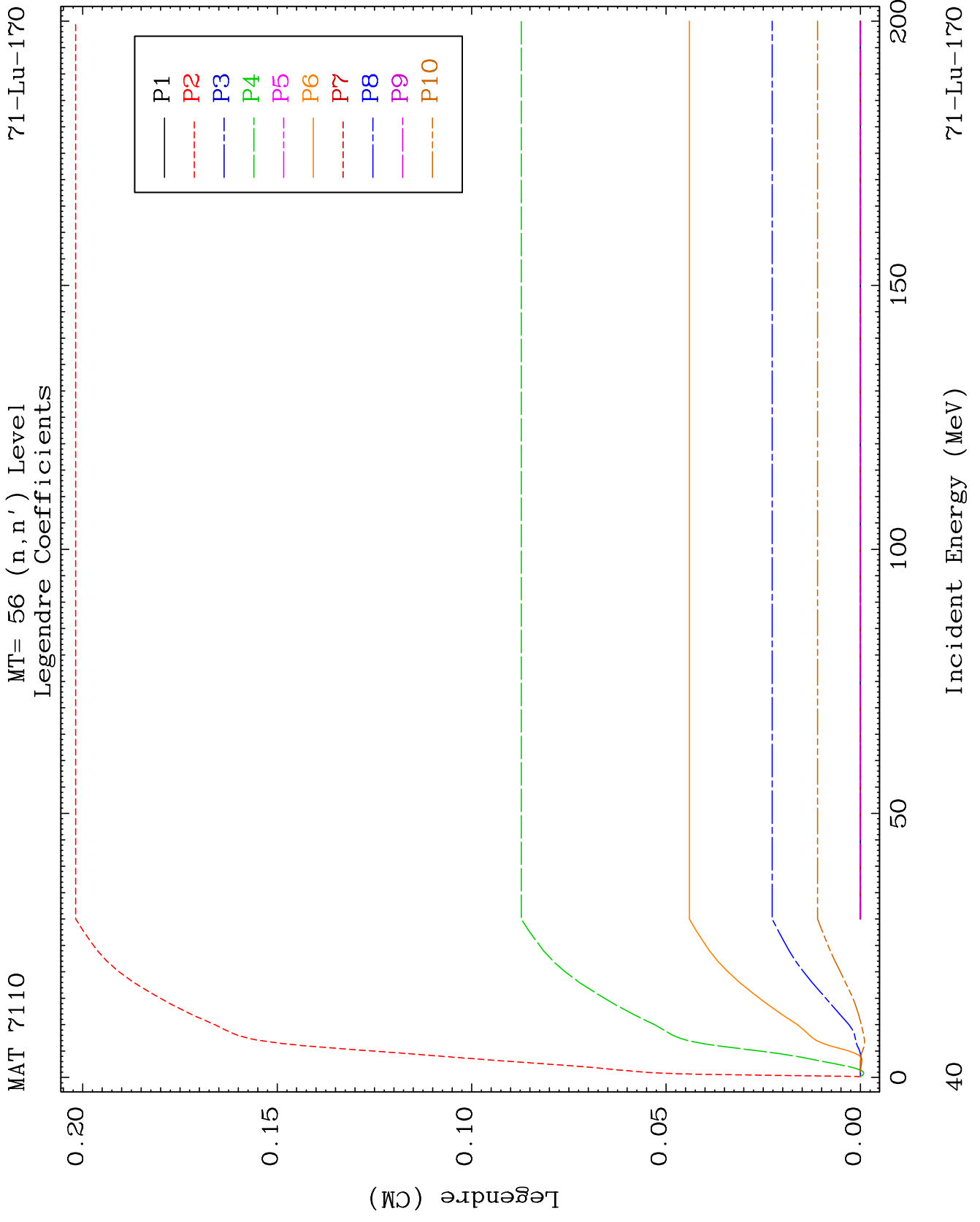


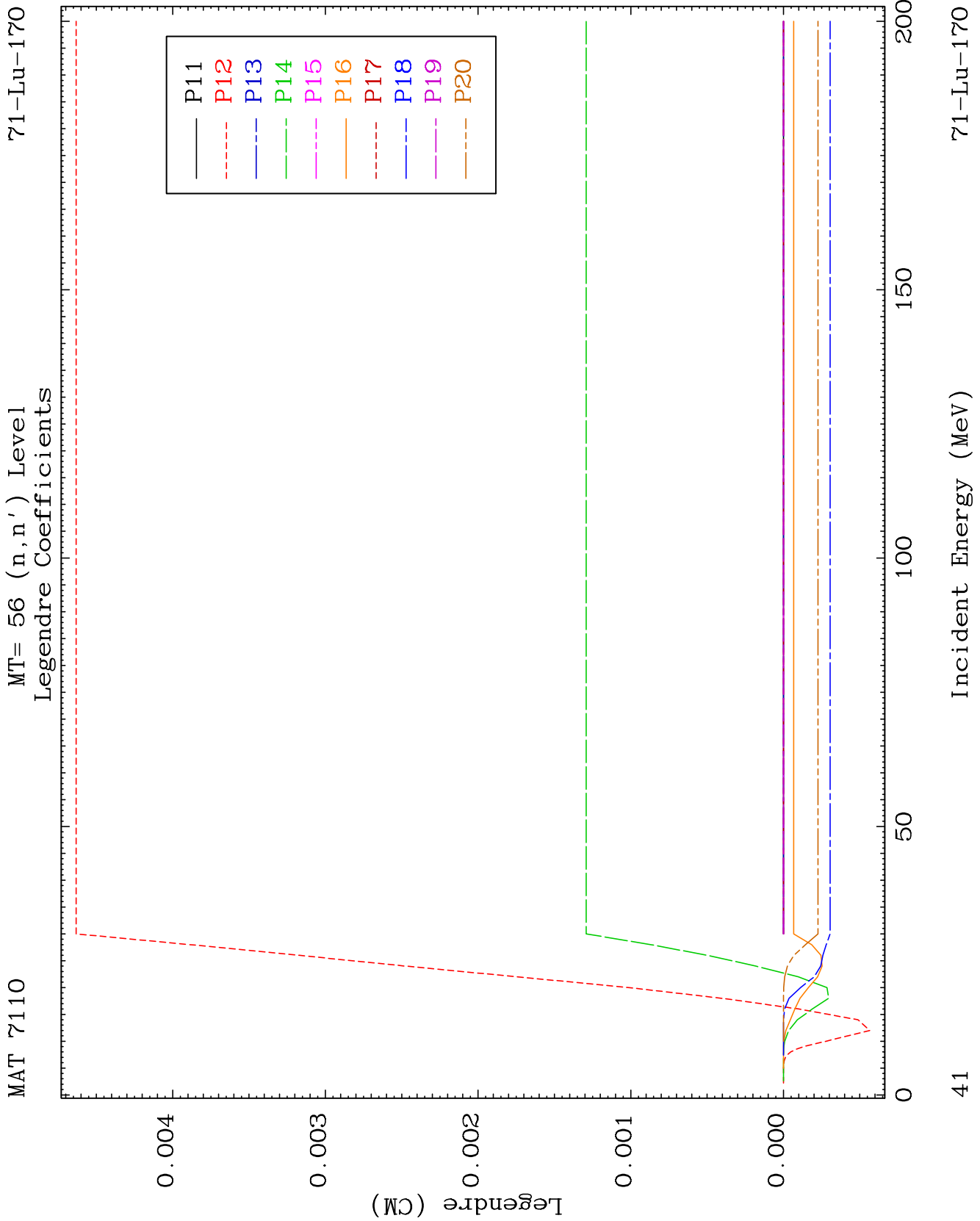


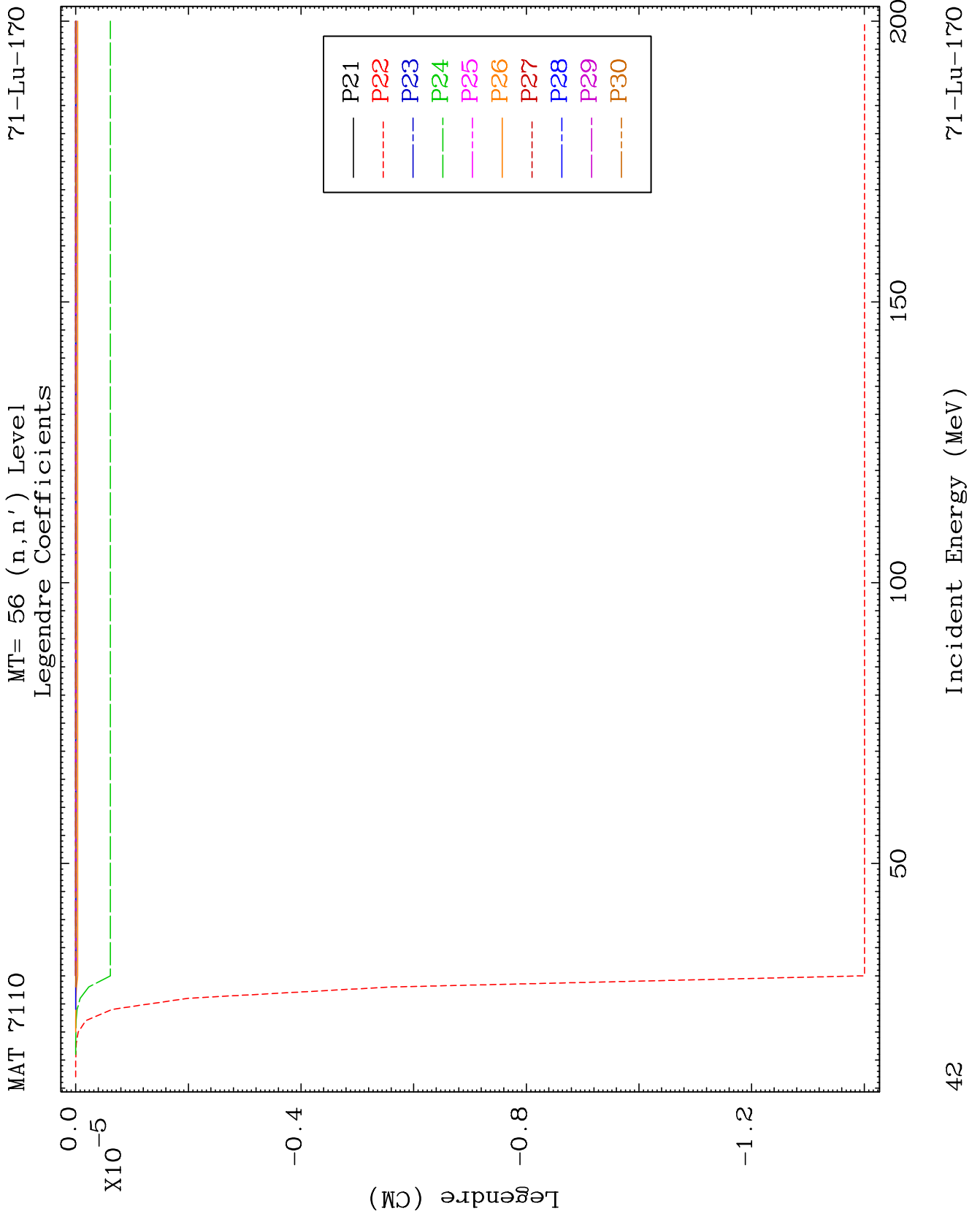


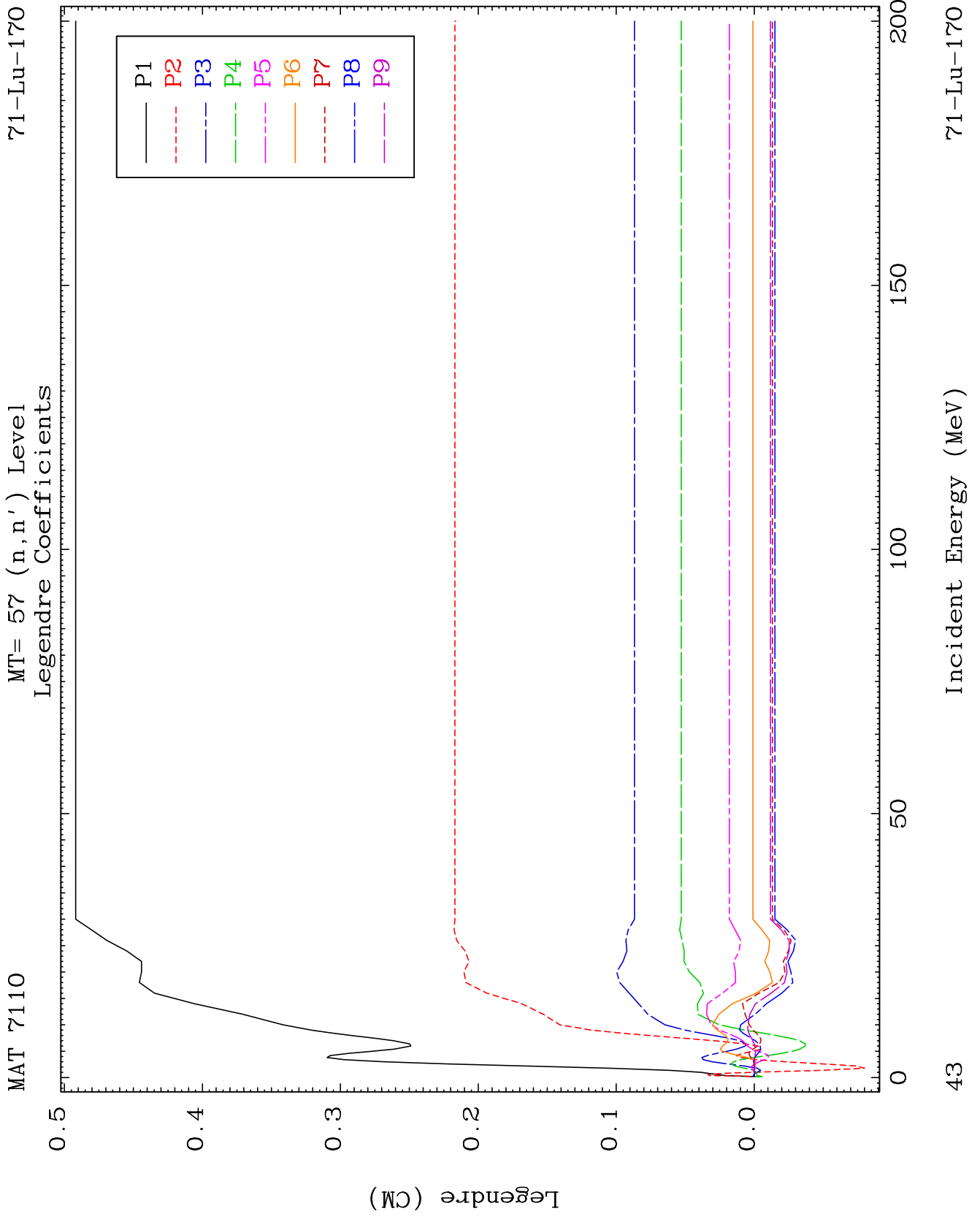








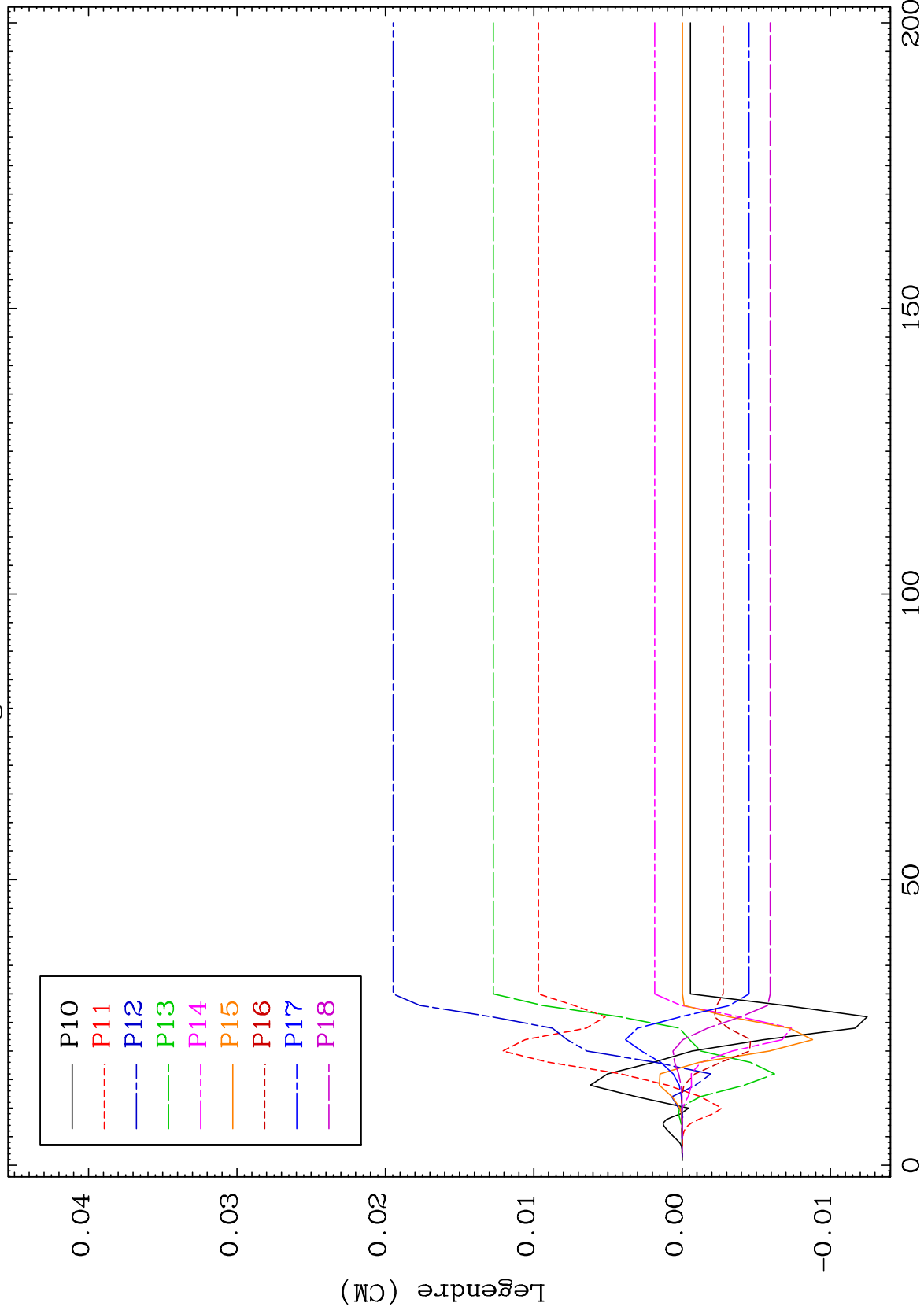




MAT 7110

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

71-Lu-170

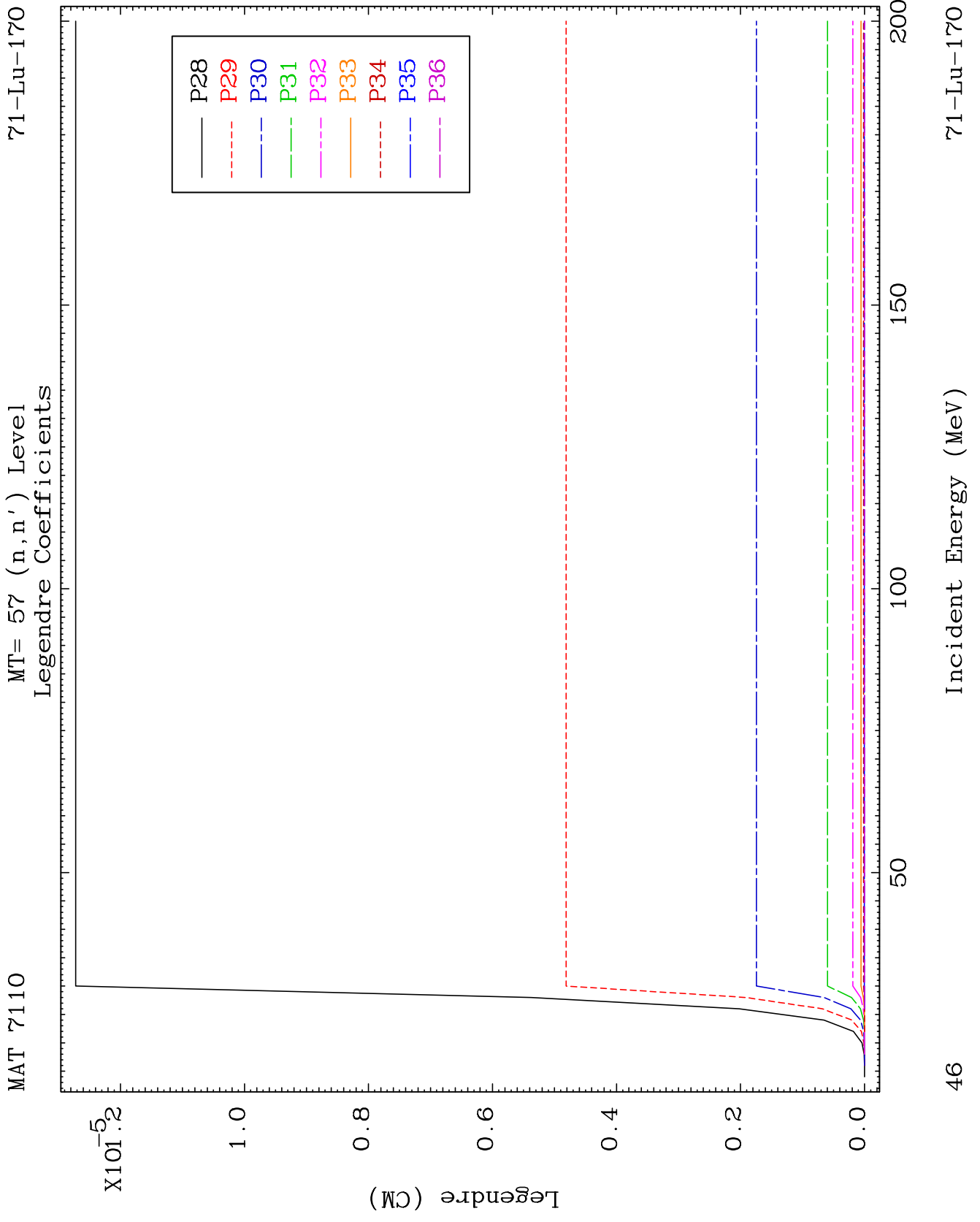


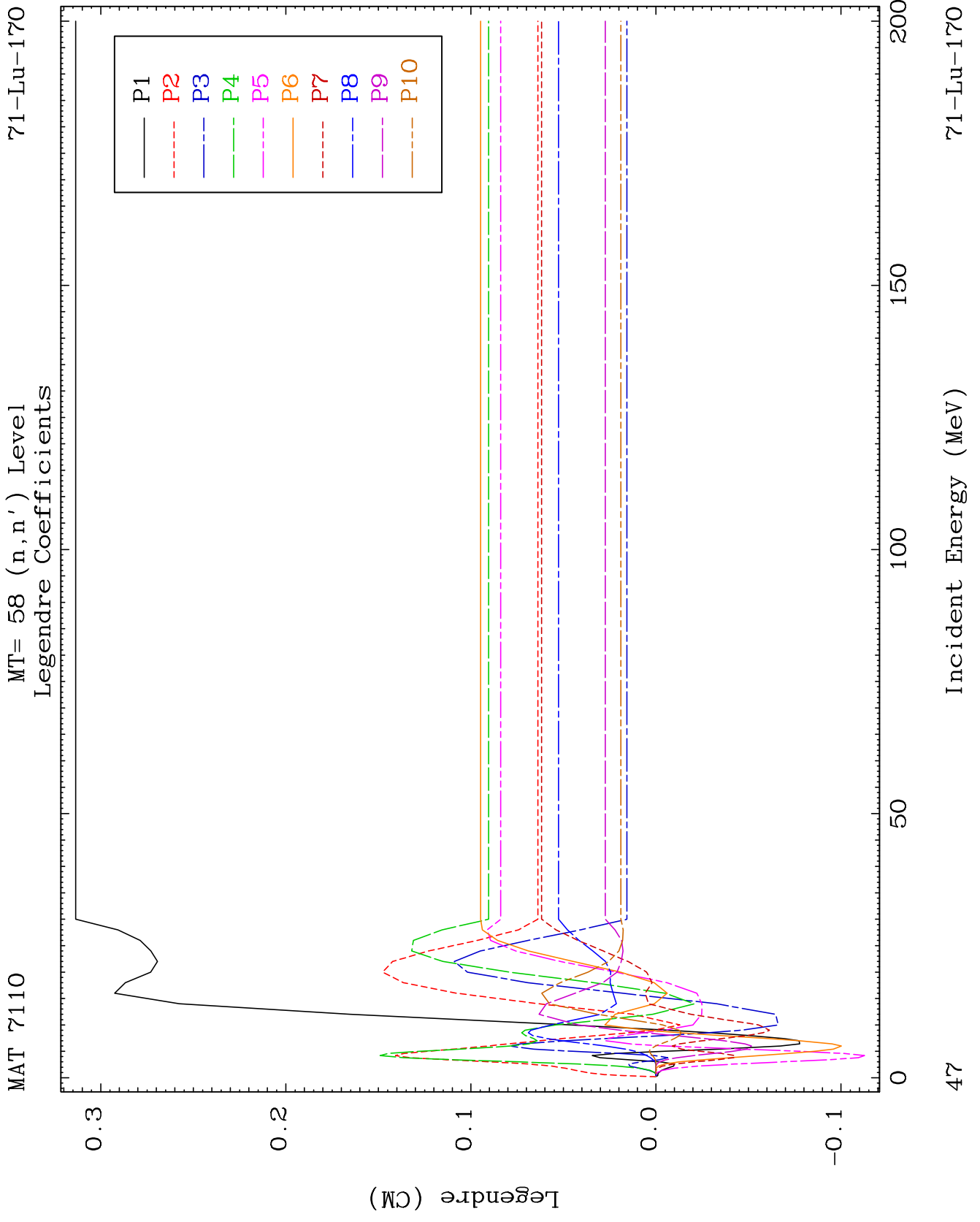
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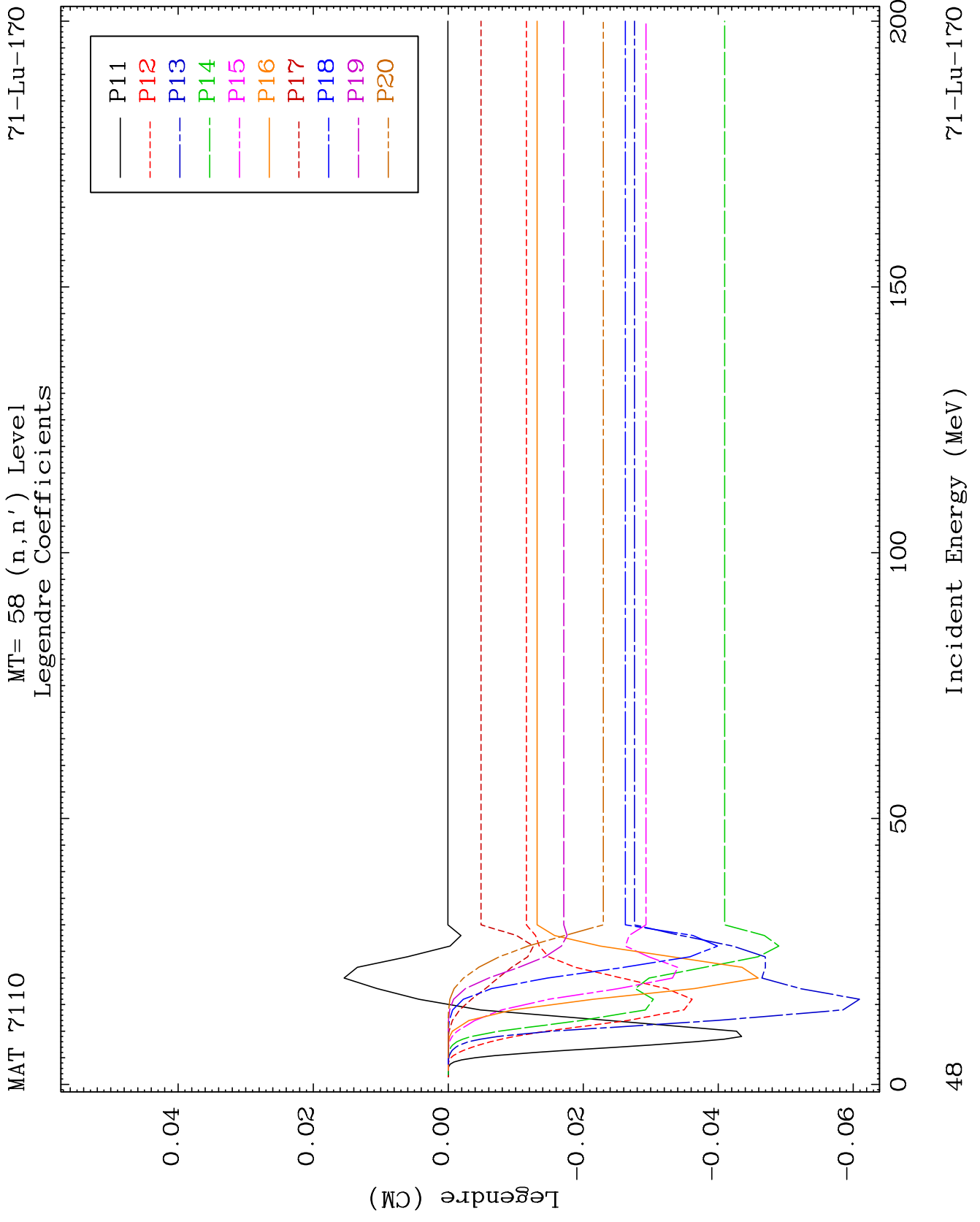
Incident Energy (MeV)

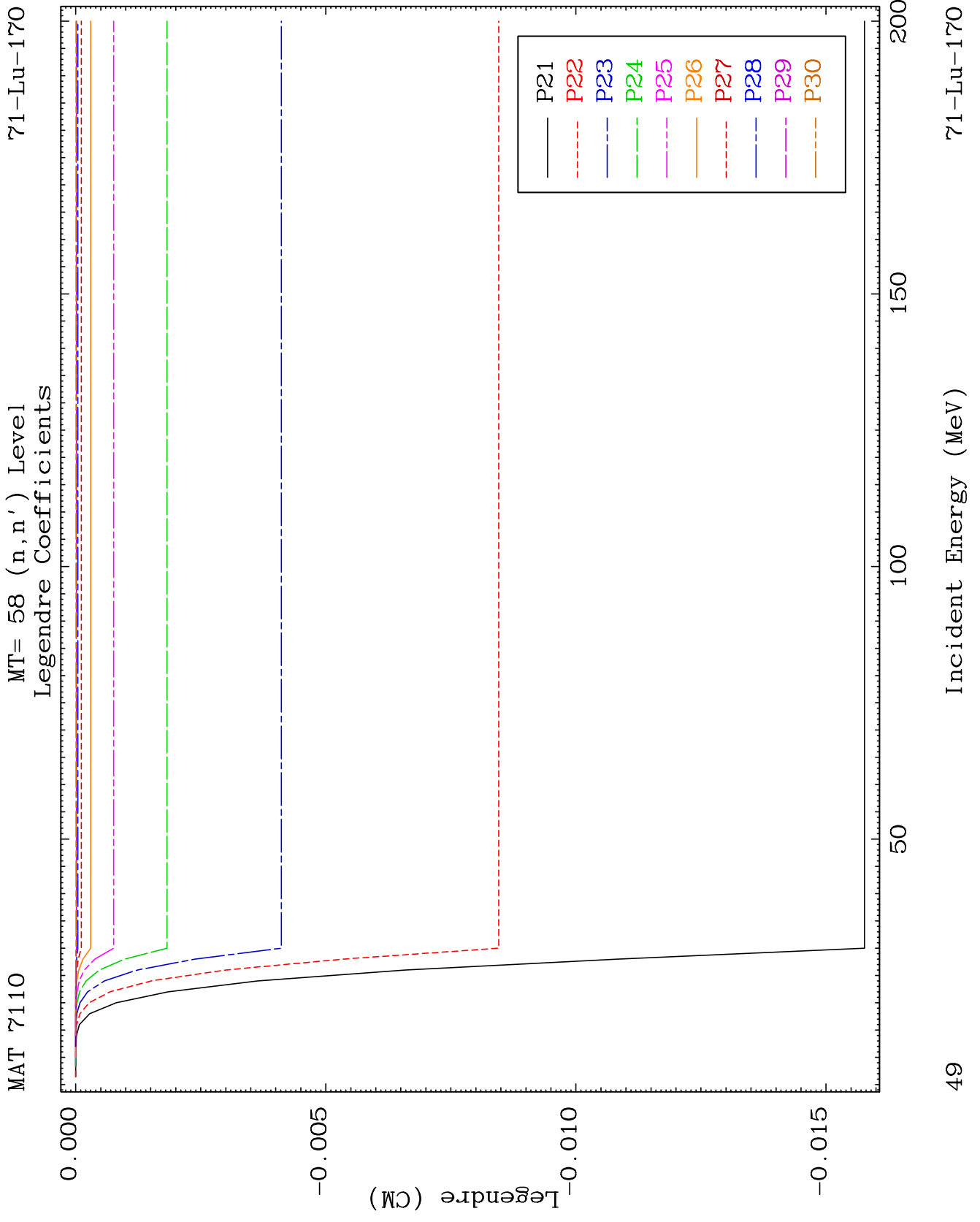
71-Lu-170

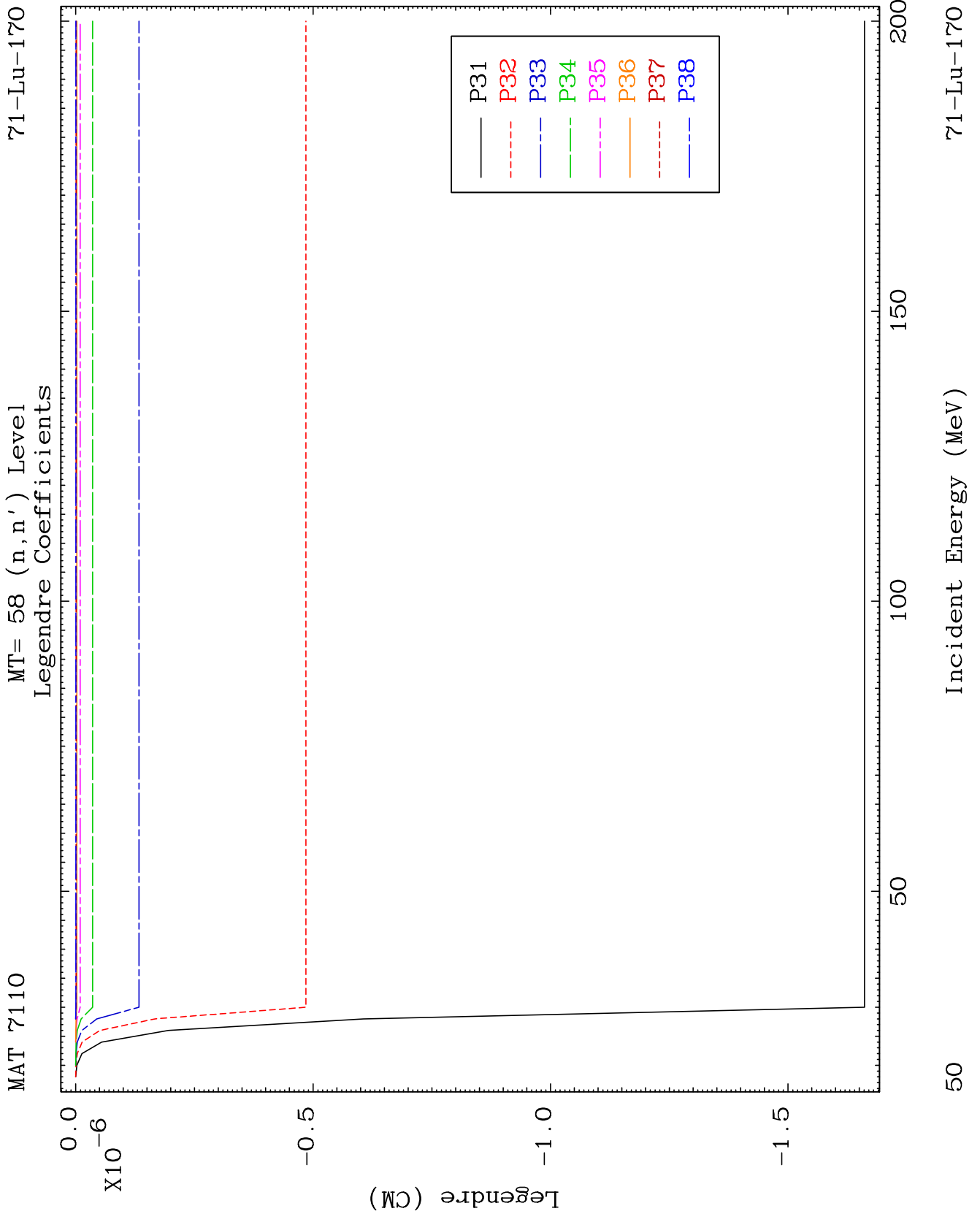


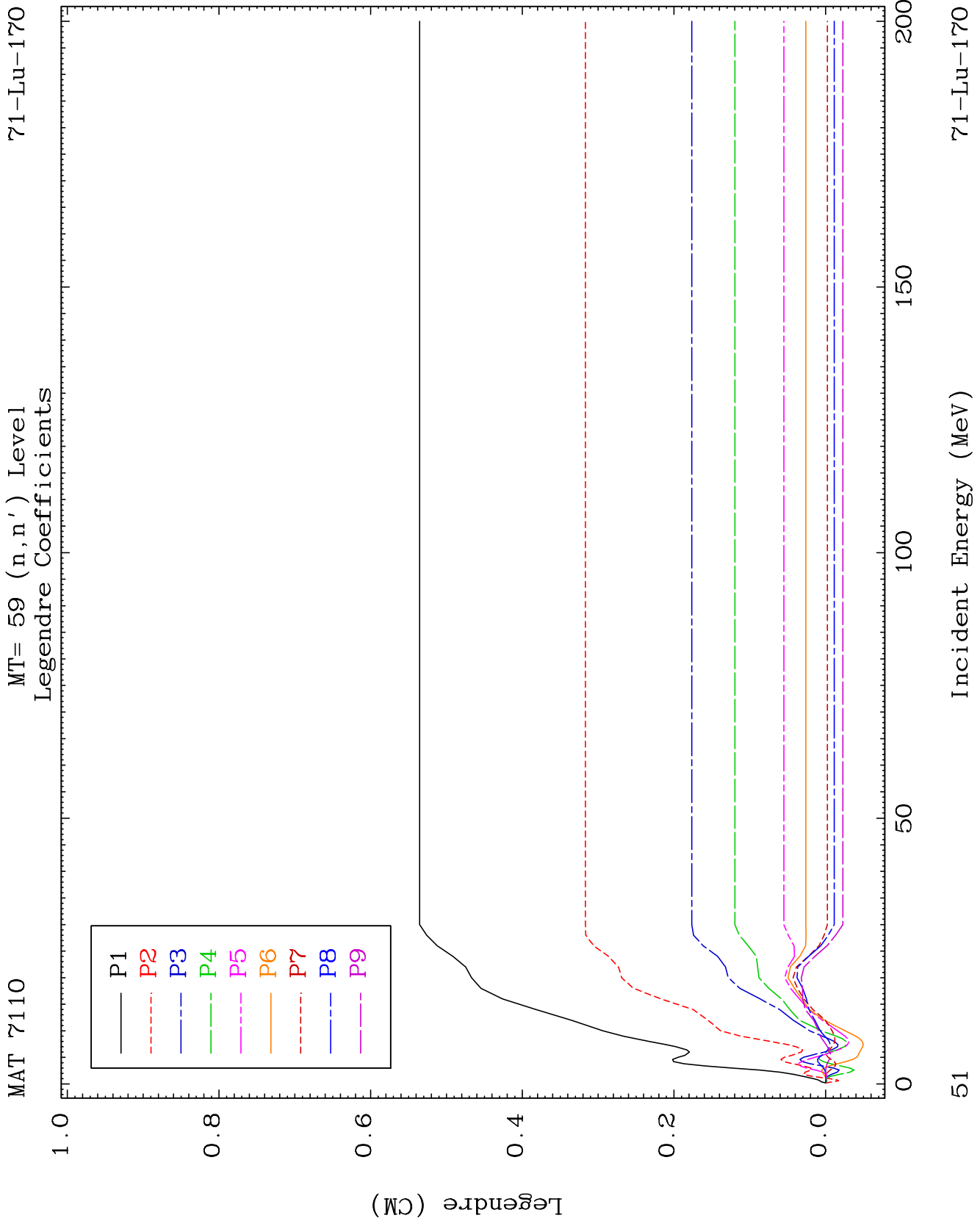


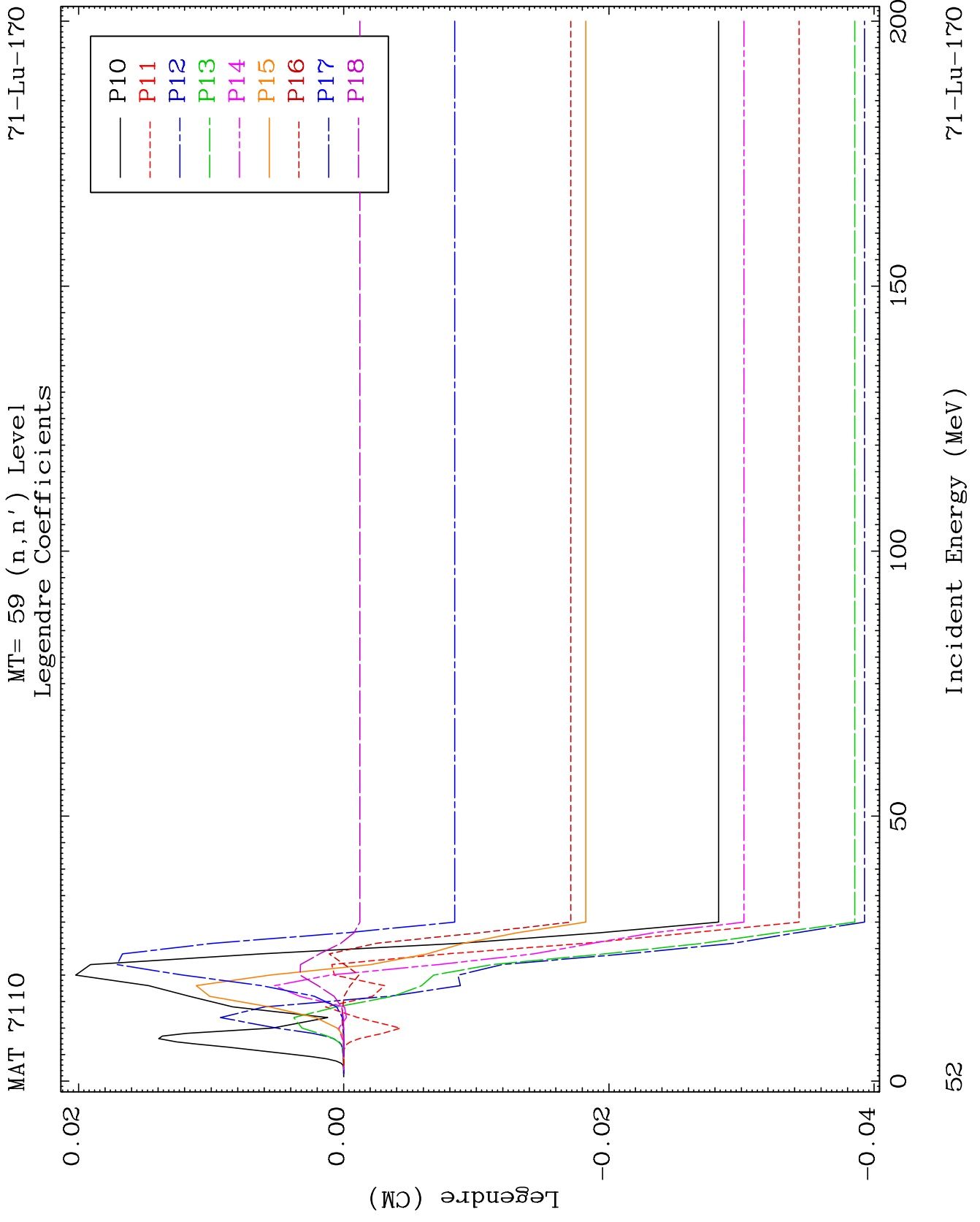








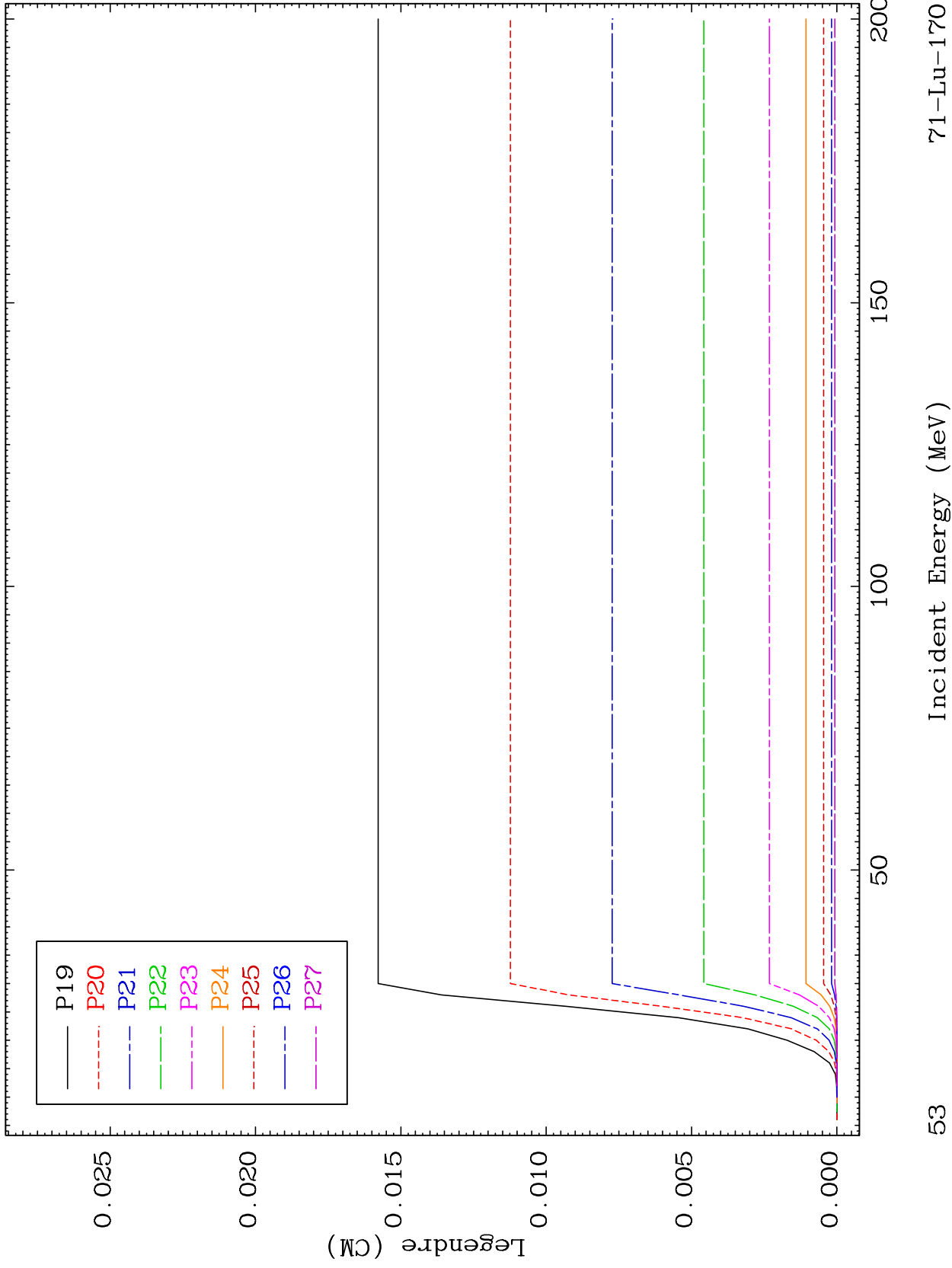


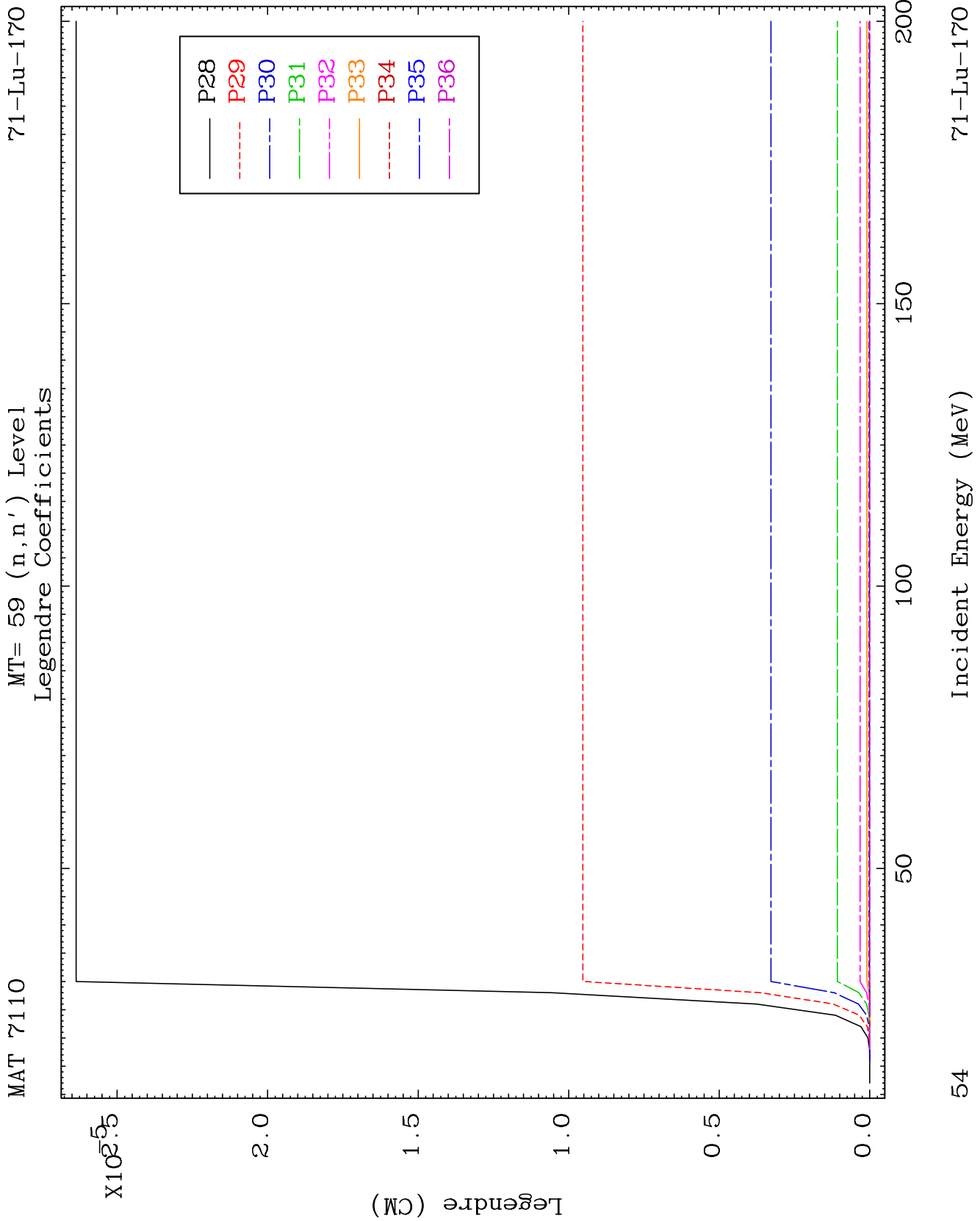


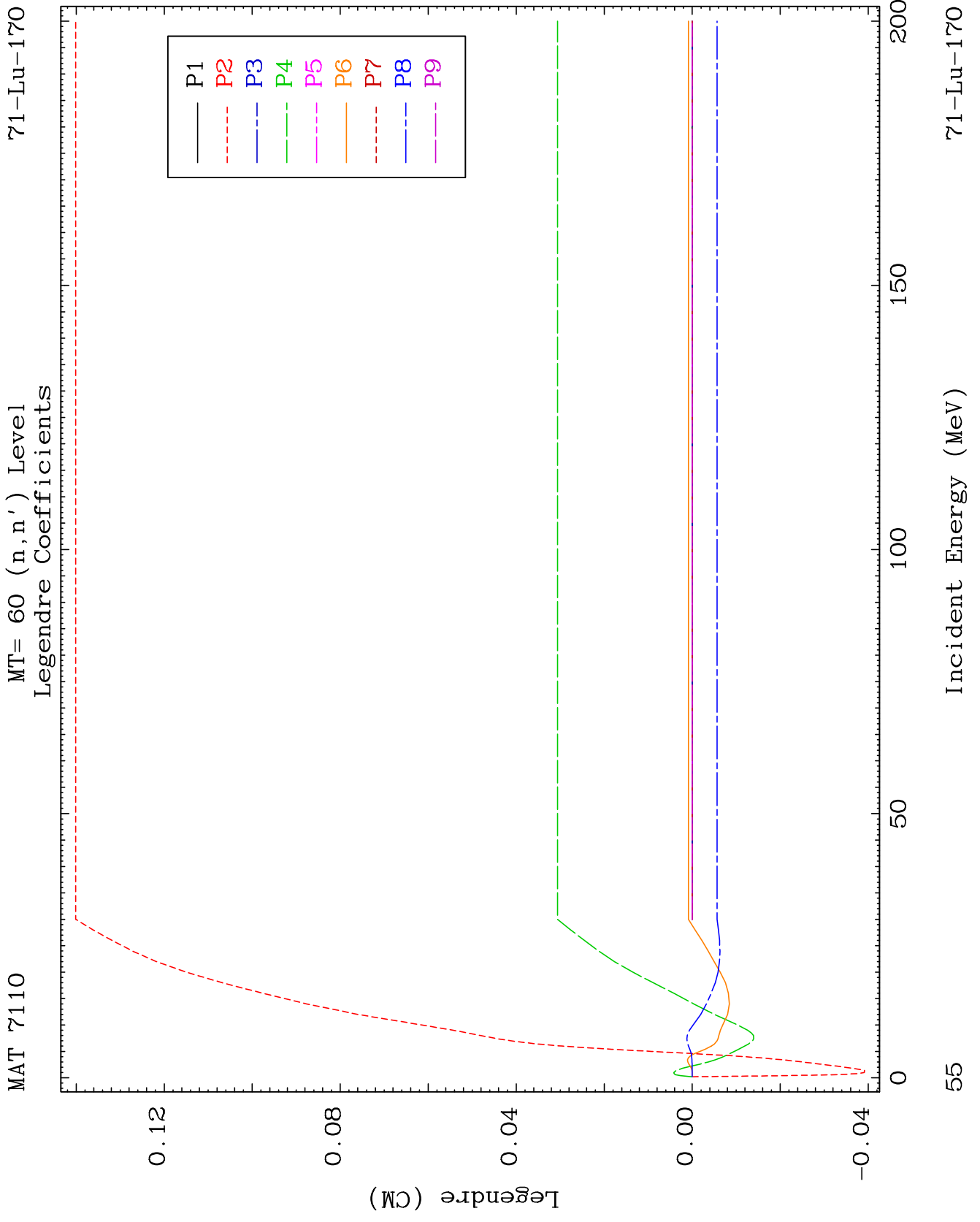
MAT 7110

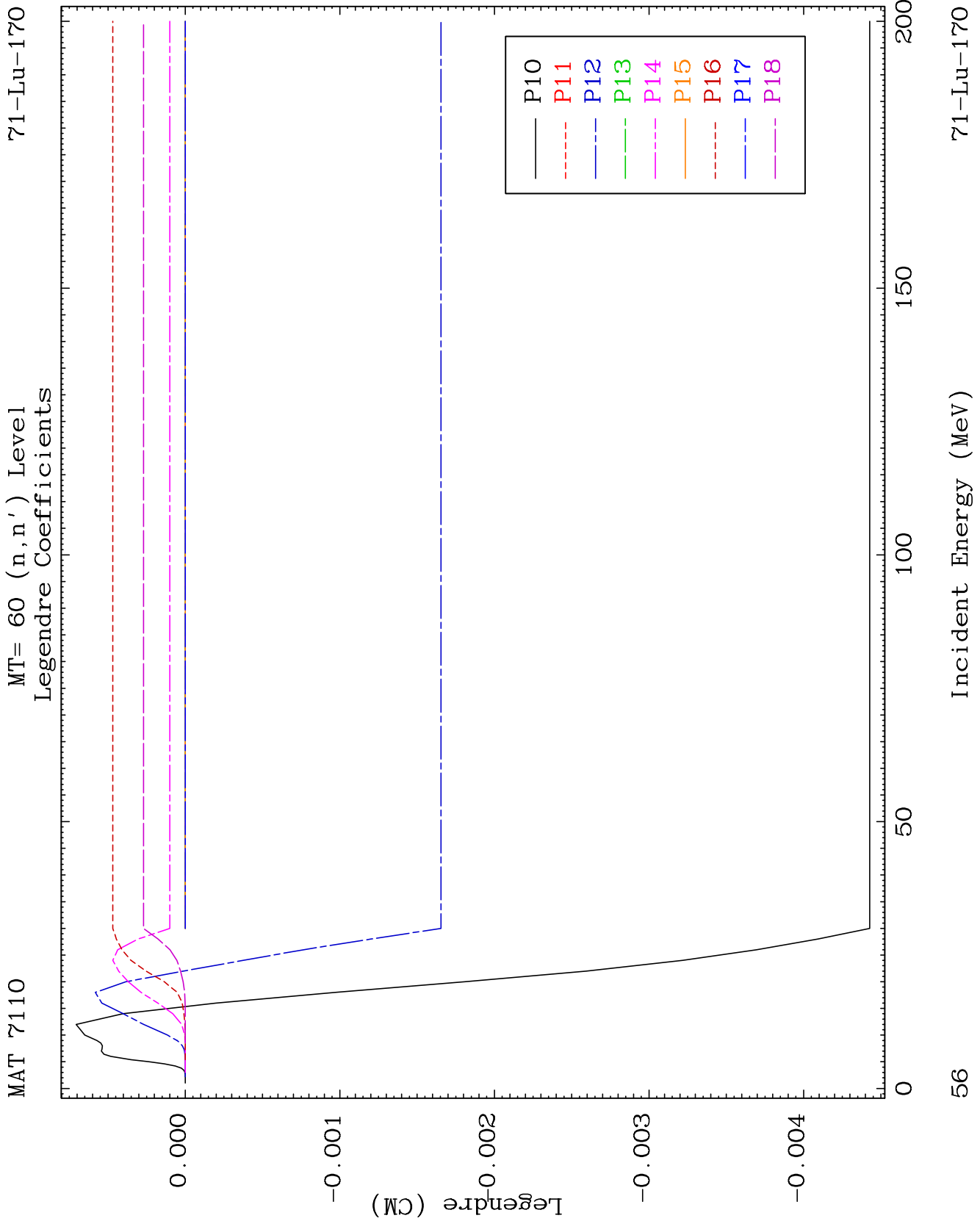
MT= 59 (n,n') Level  
Legendre Coefficients

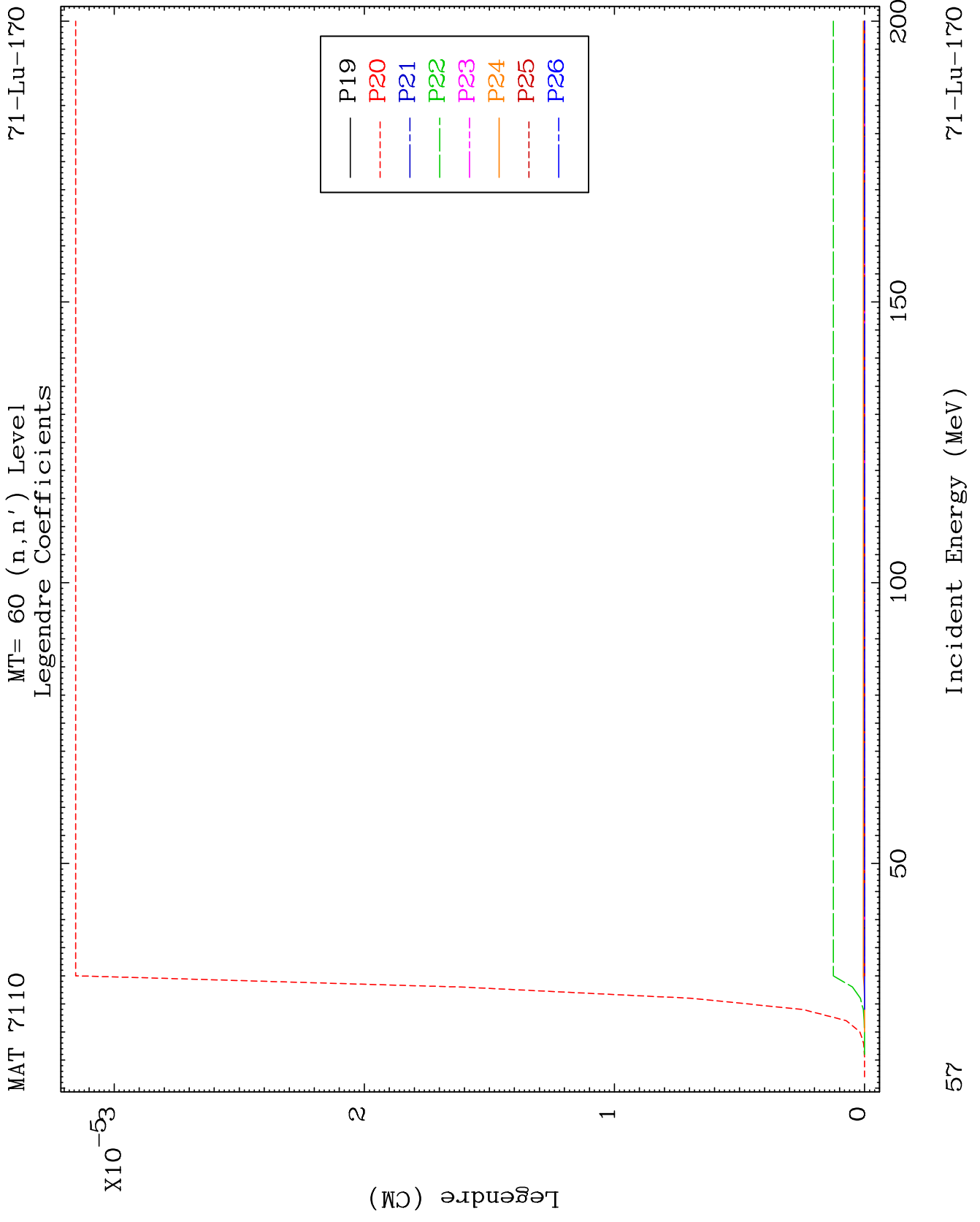
71-Lu-170



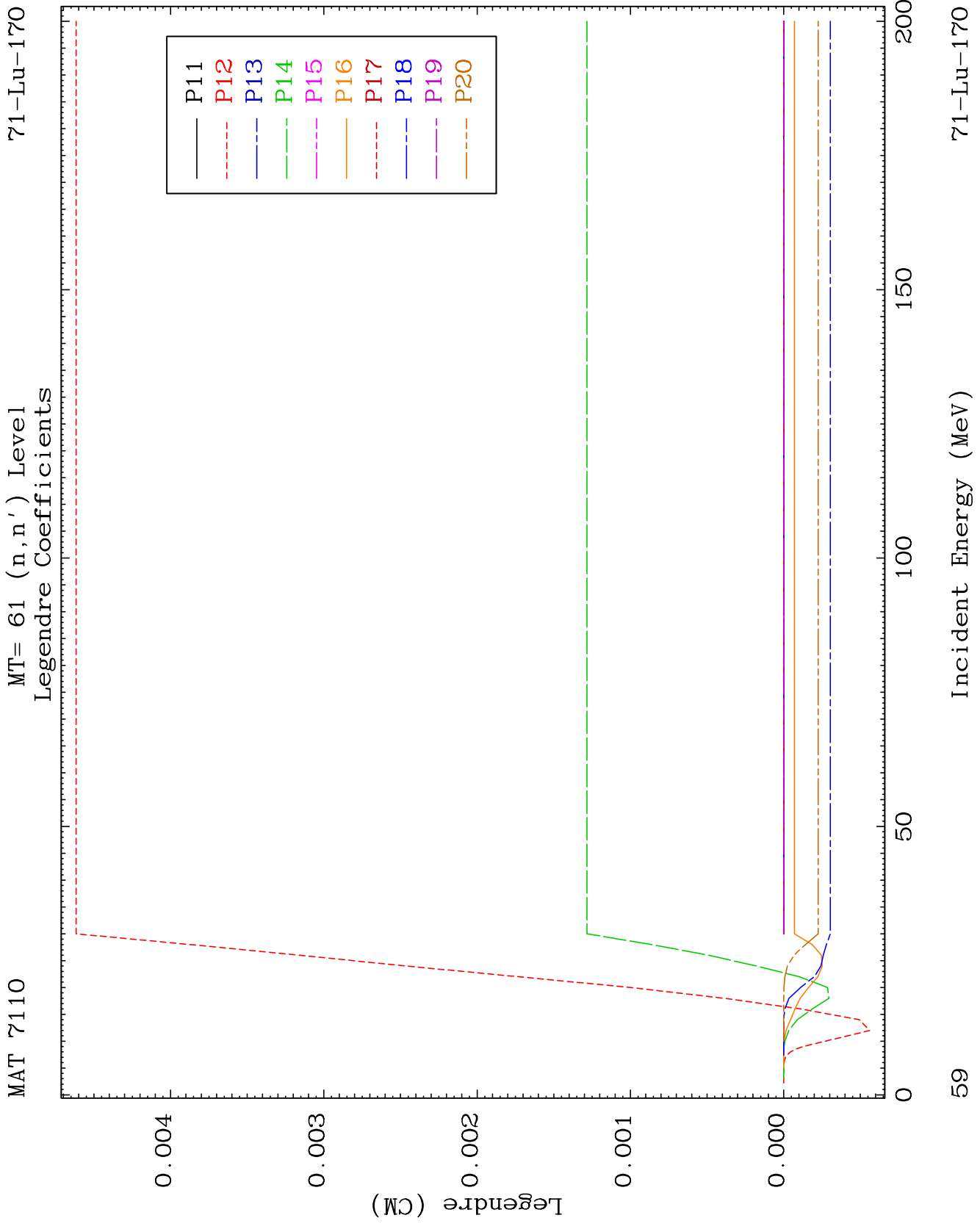


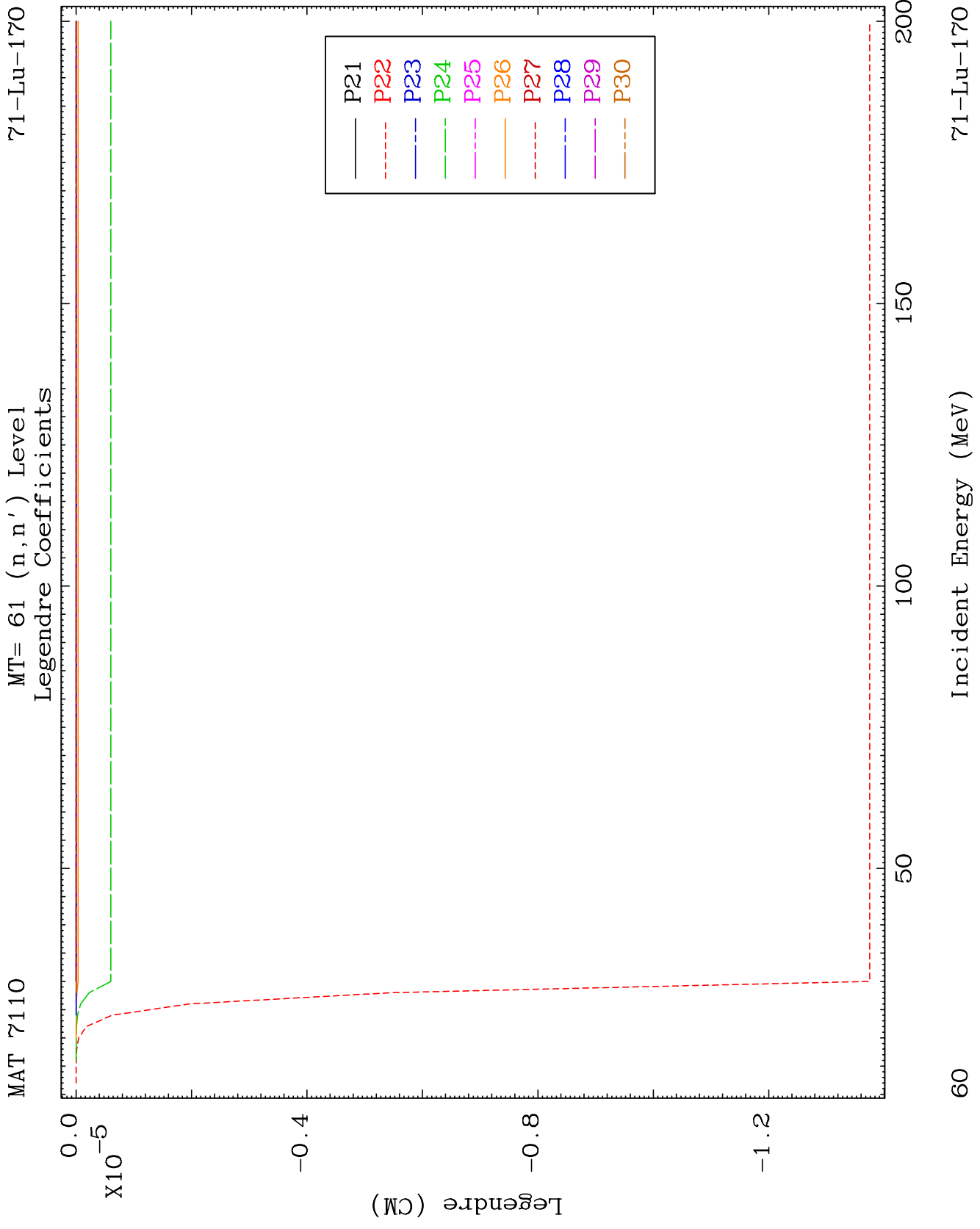




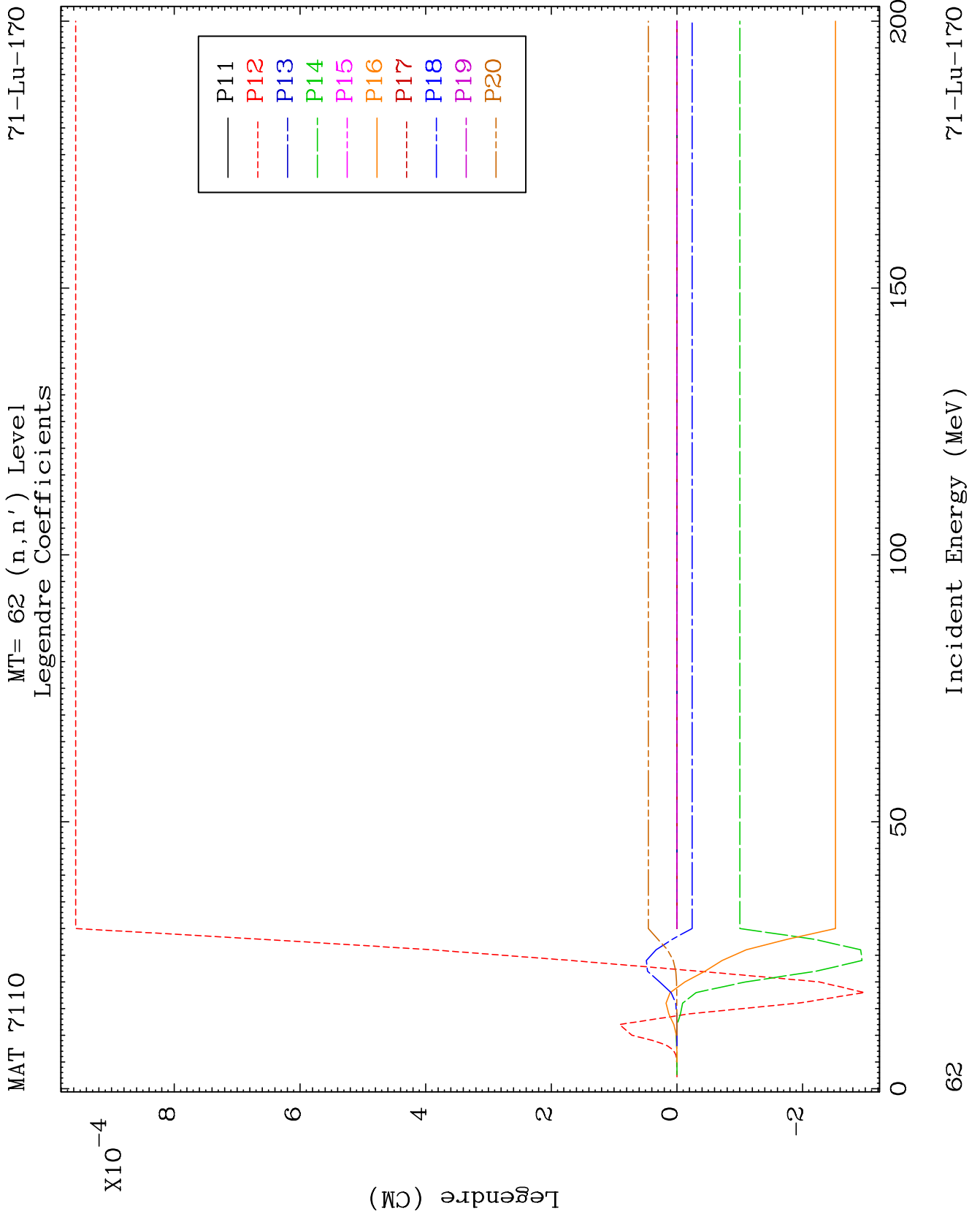


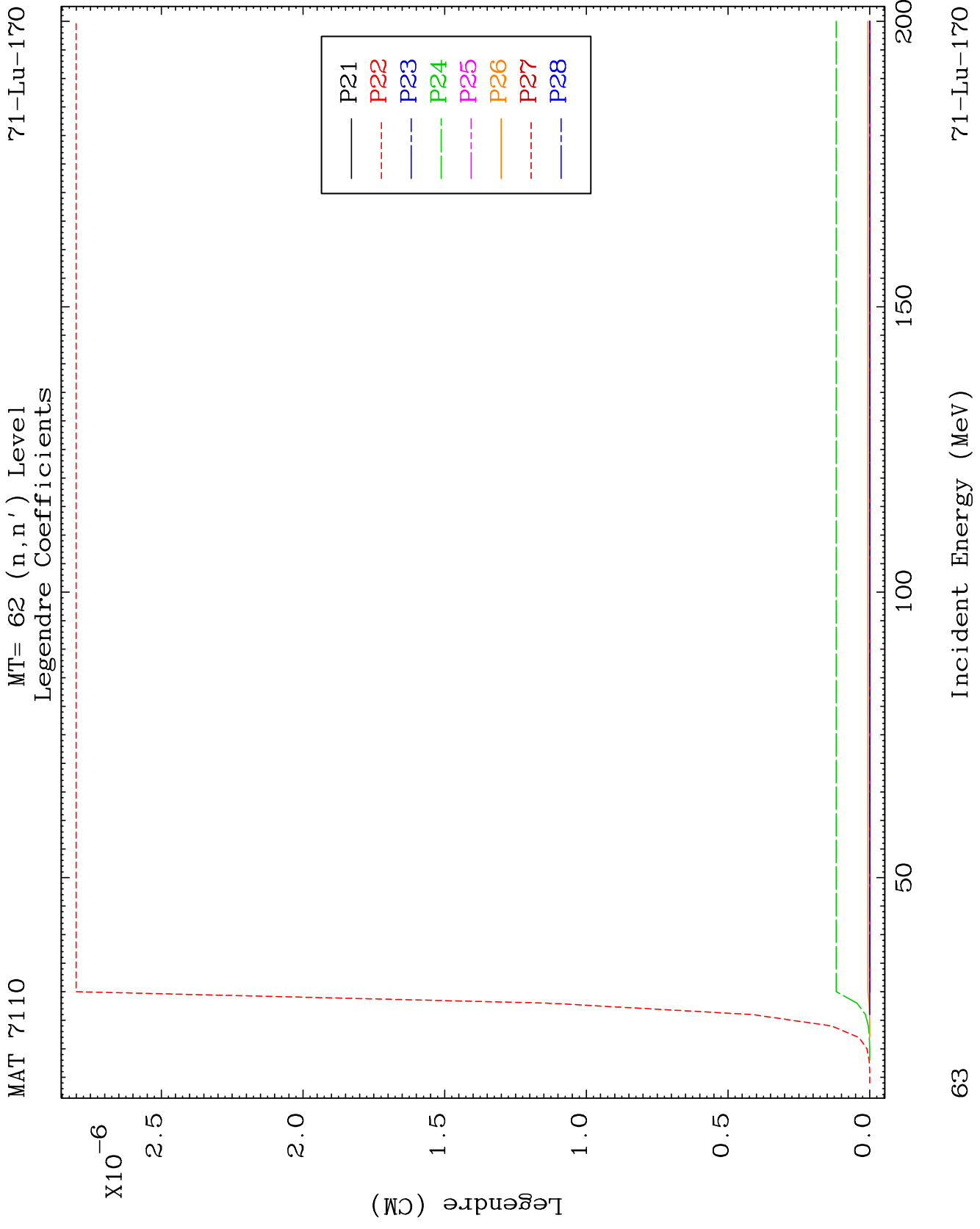


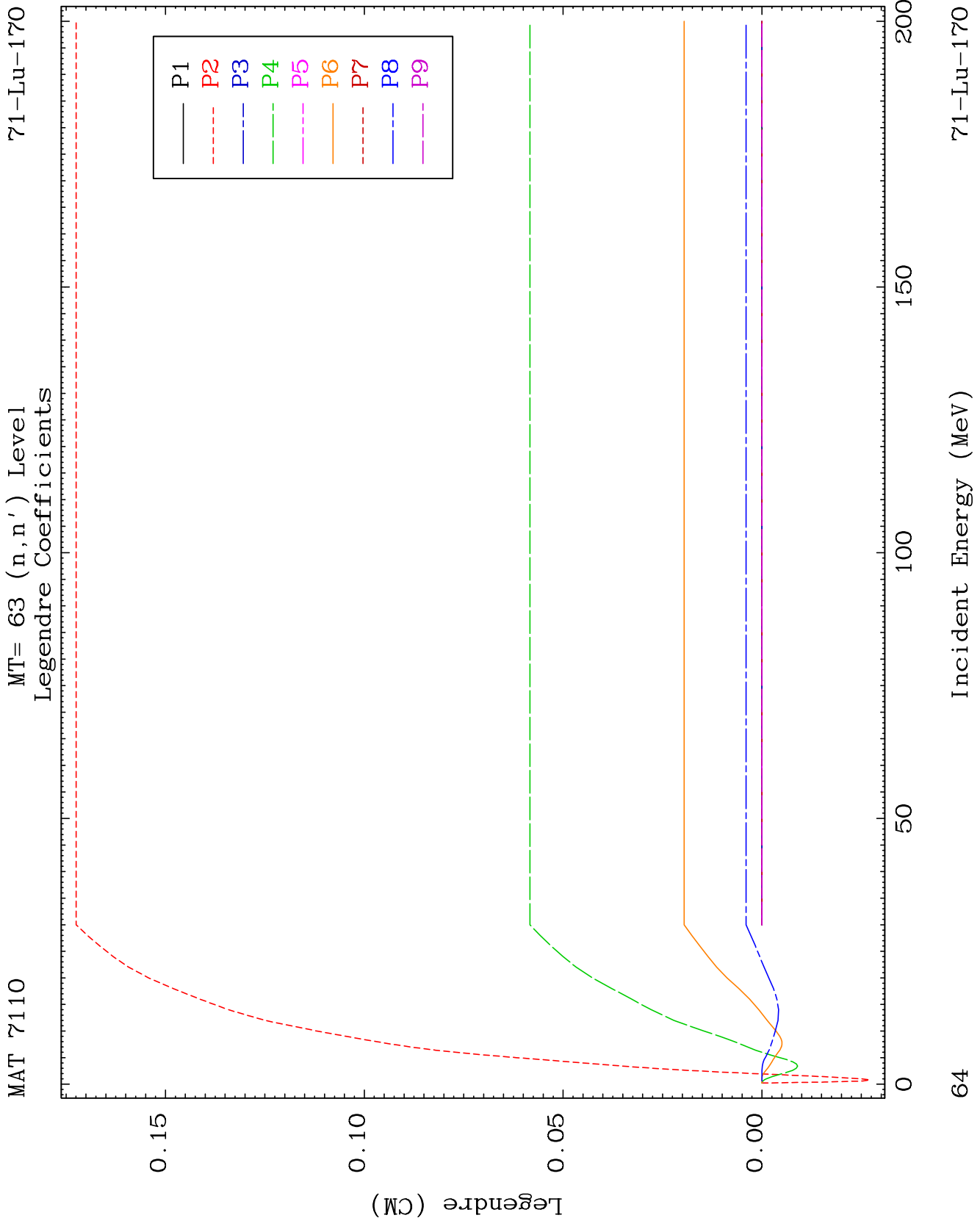








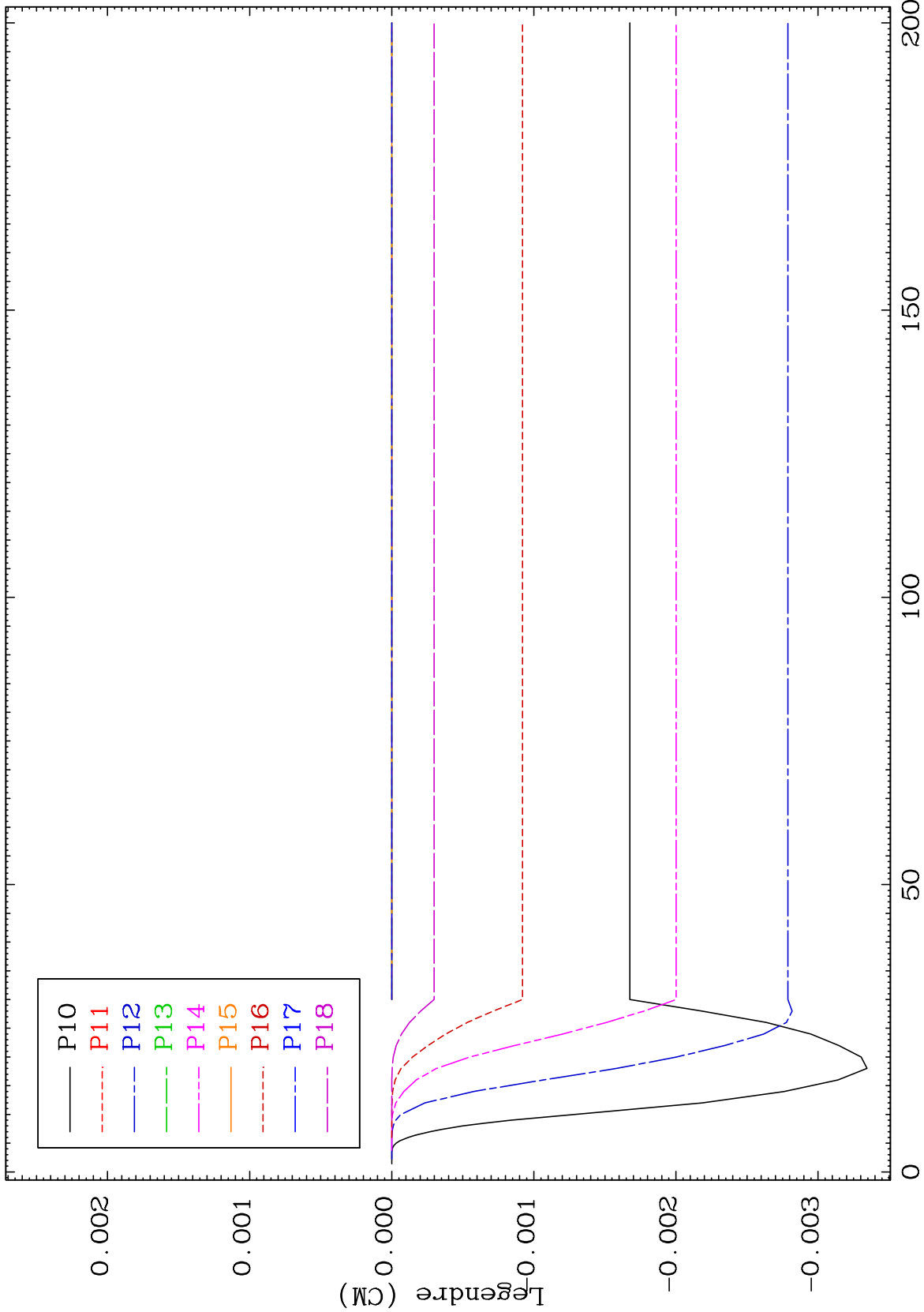




MAT 7110

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

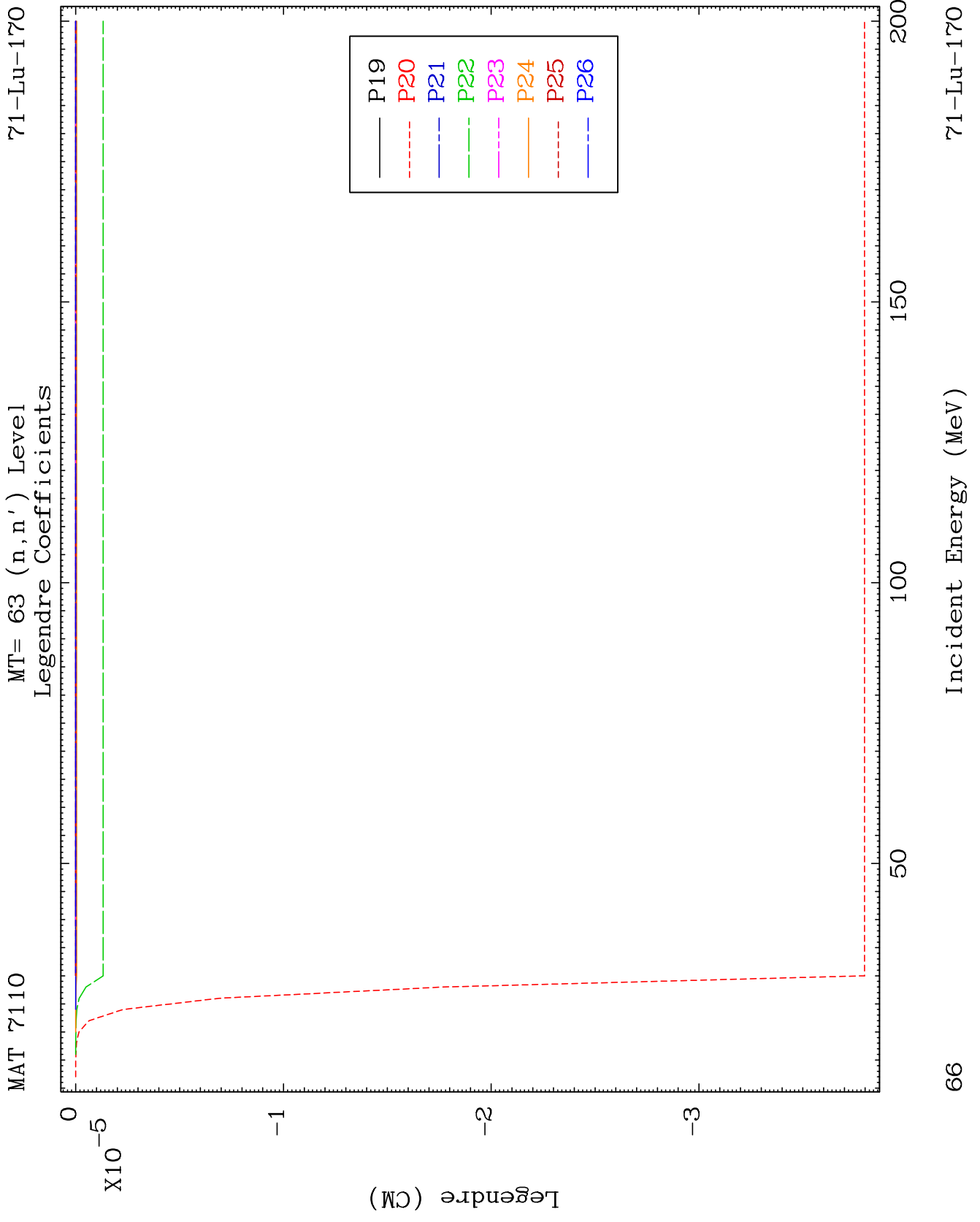
71-Lu-170

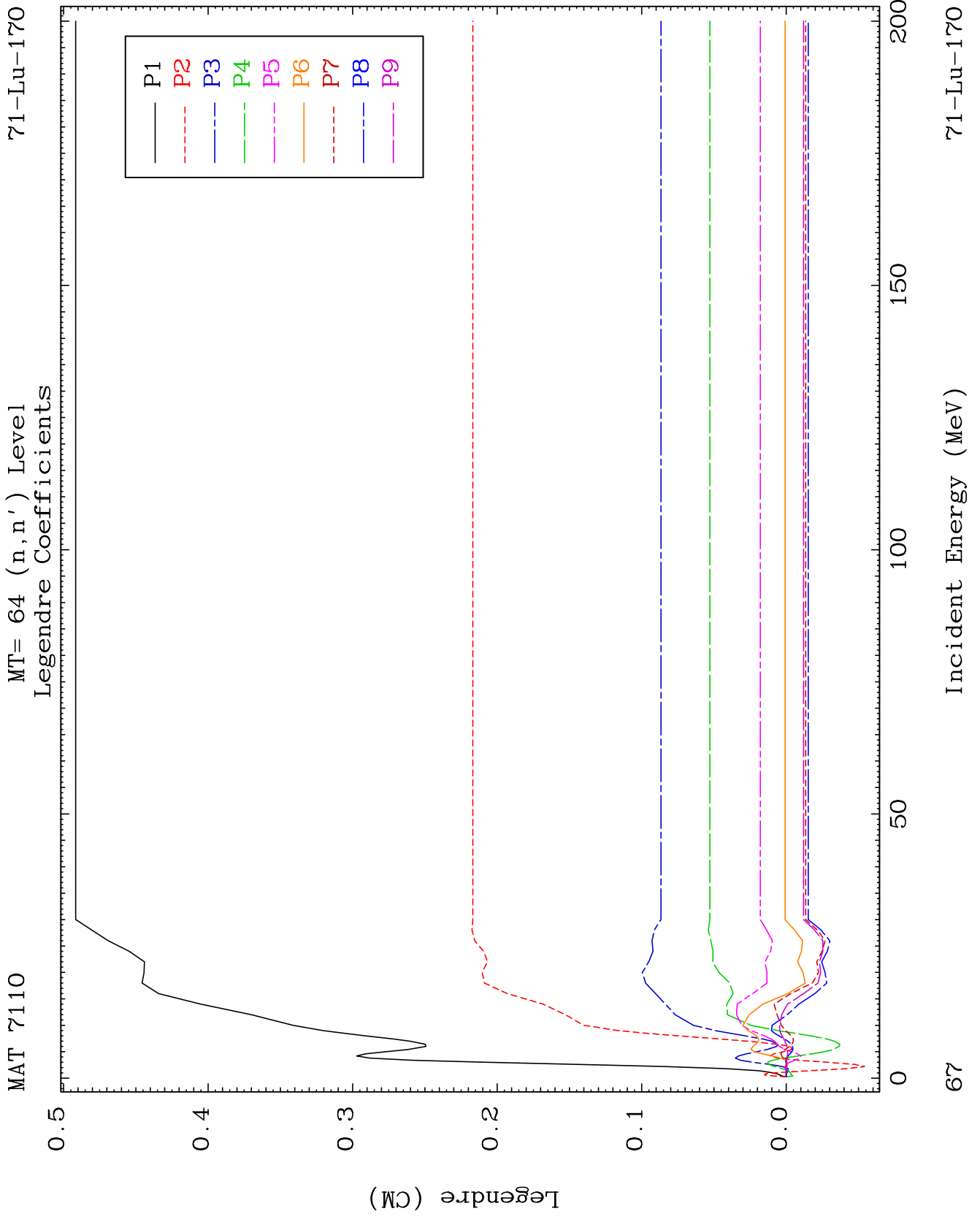


65

Incident Energy (MeV)

71-Lu-170

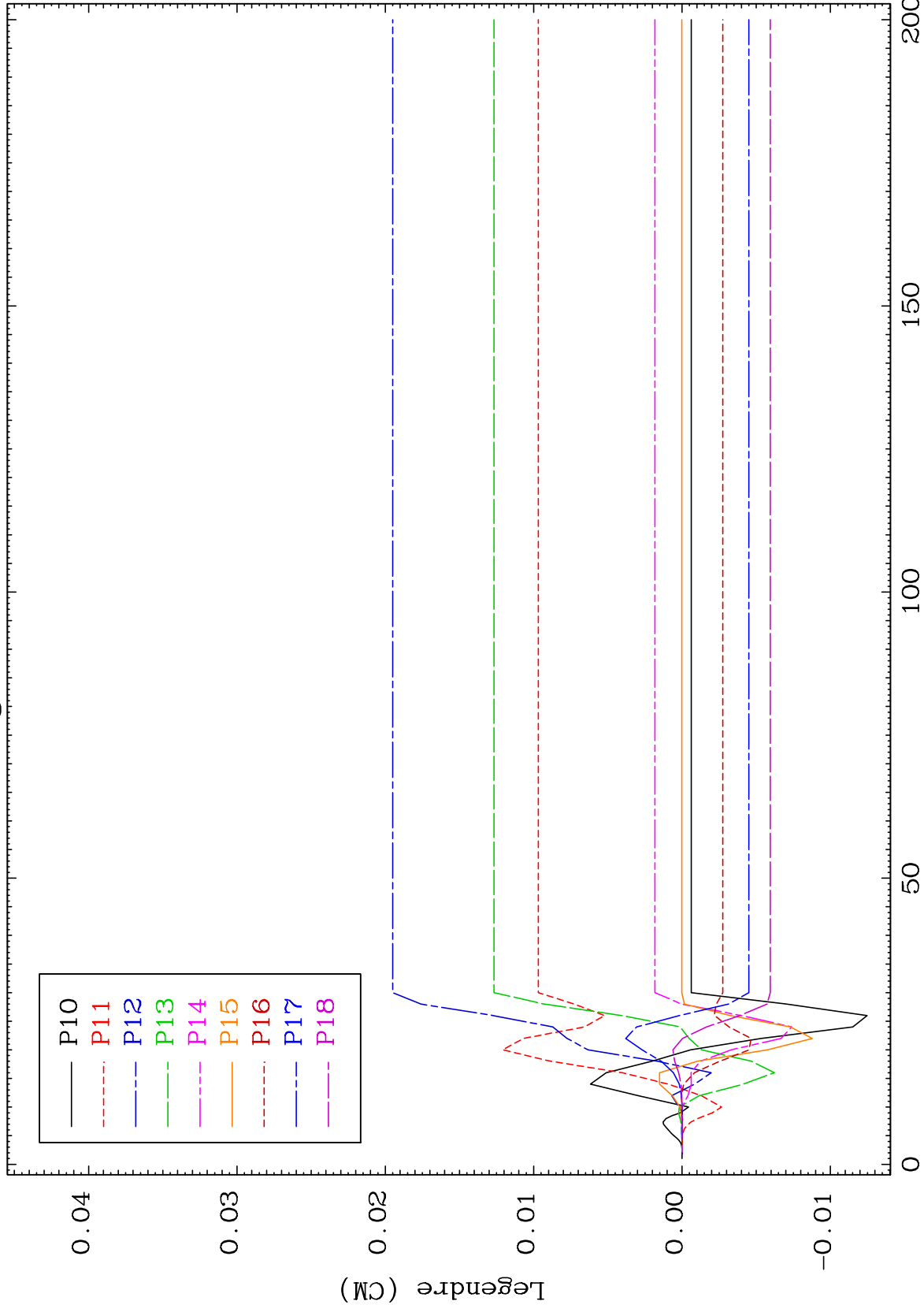




MAT 7110

MT= 64 (n,n') Level  
Legendre Coefficients

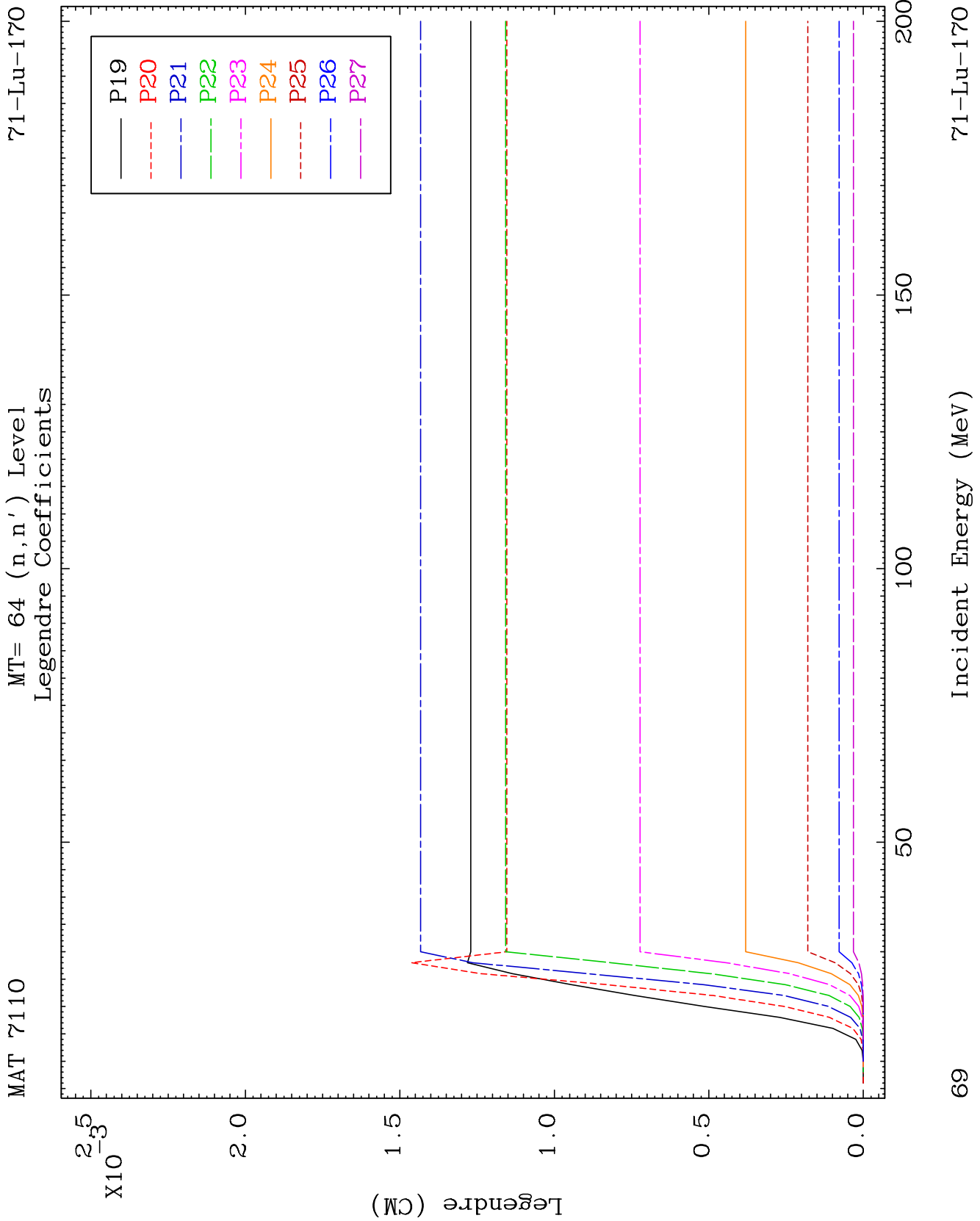
71-Lu-170

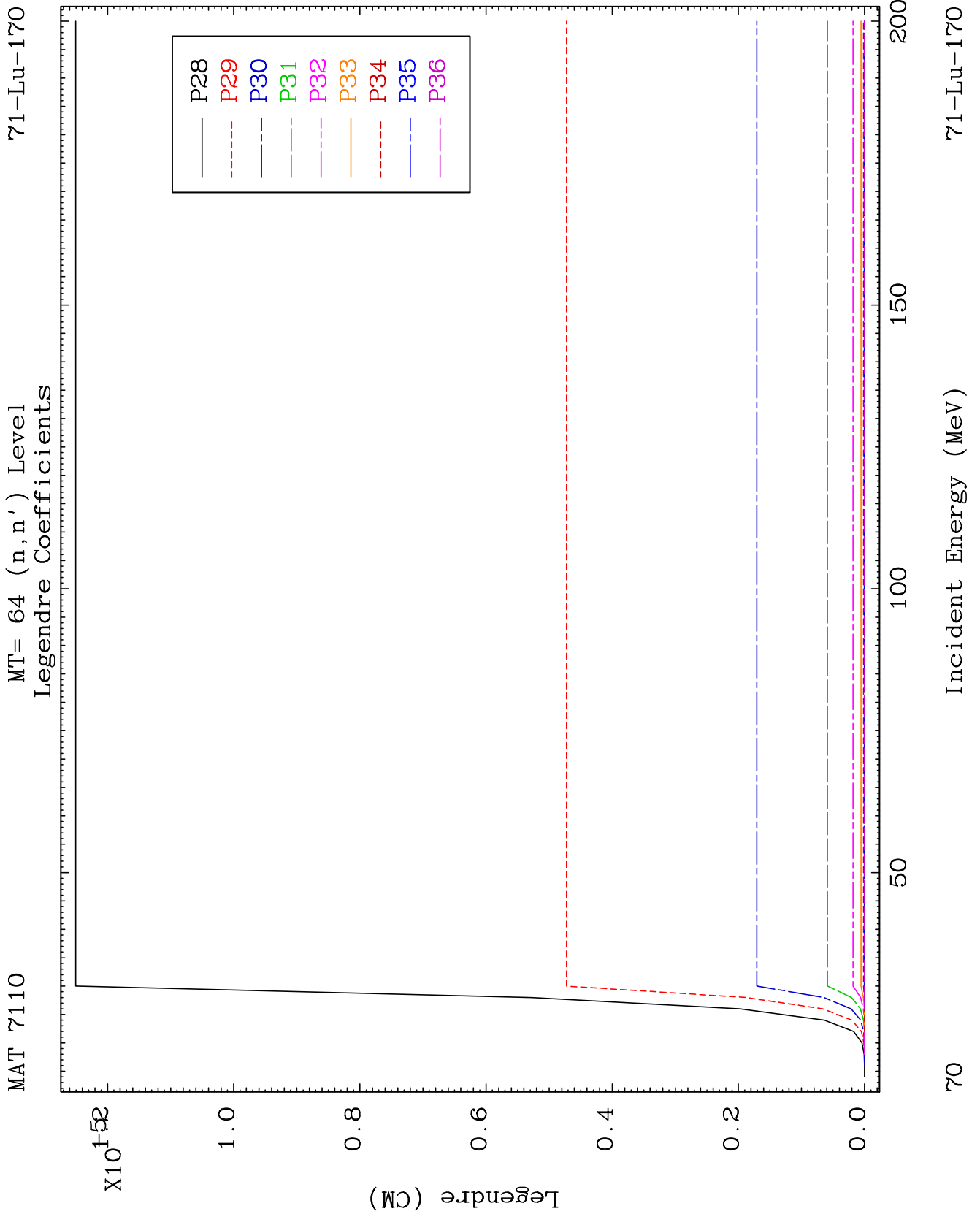


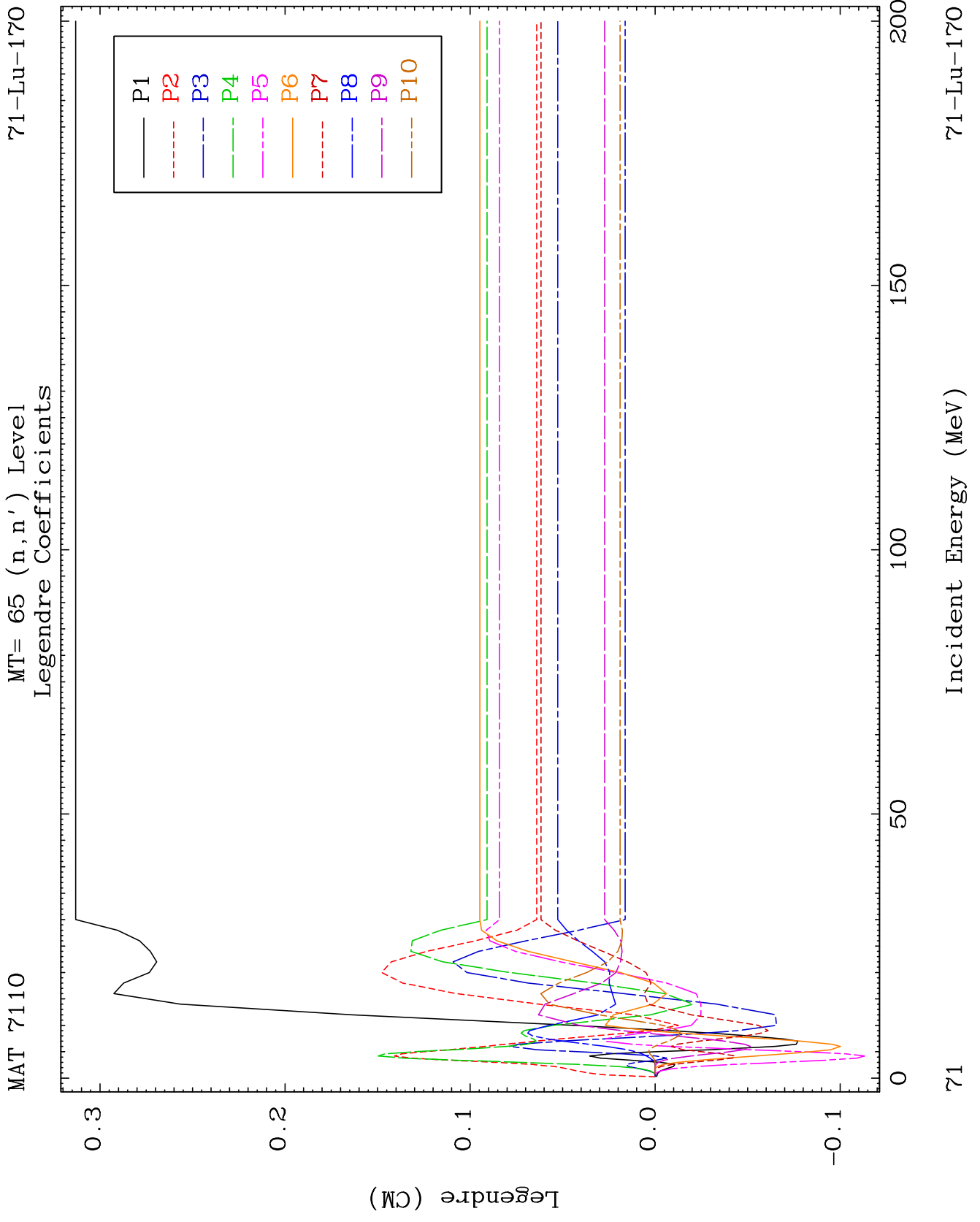
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Incident Energy (MeV)

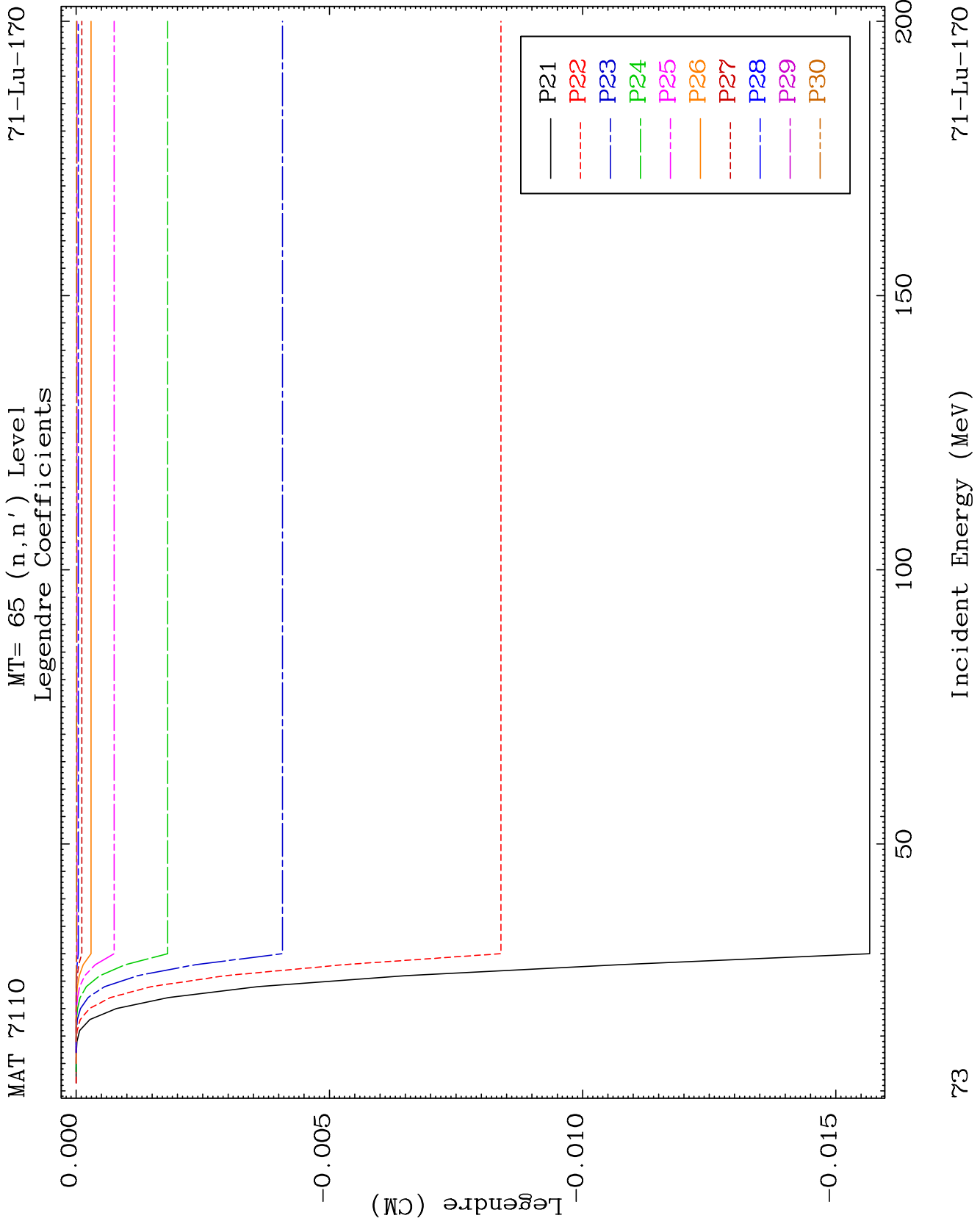
71-Lu-170

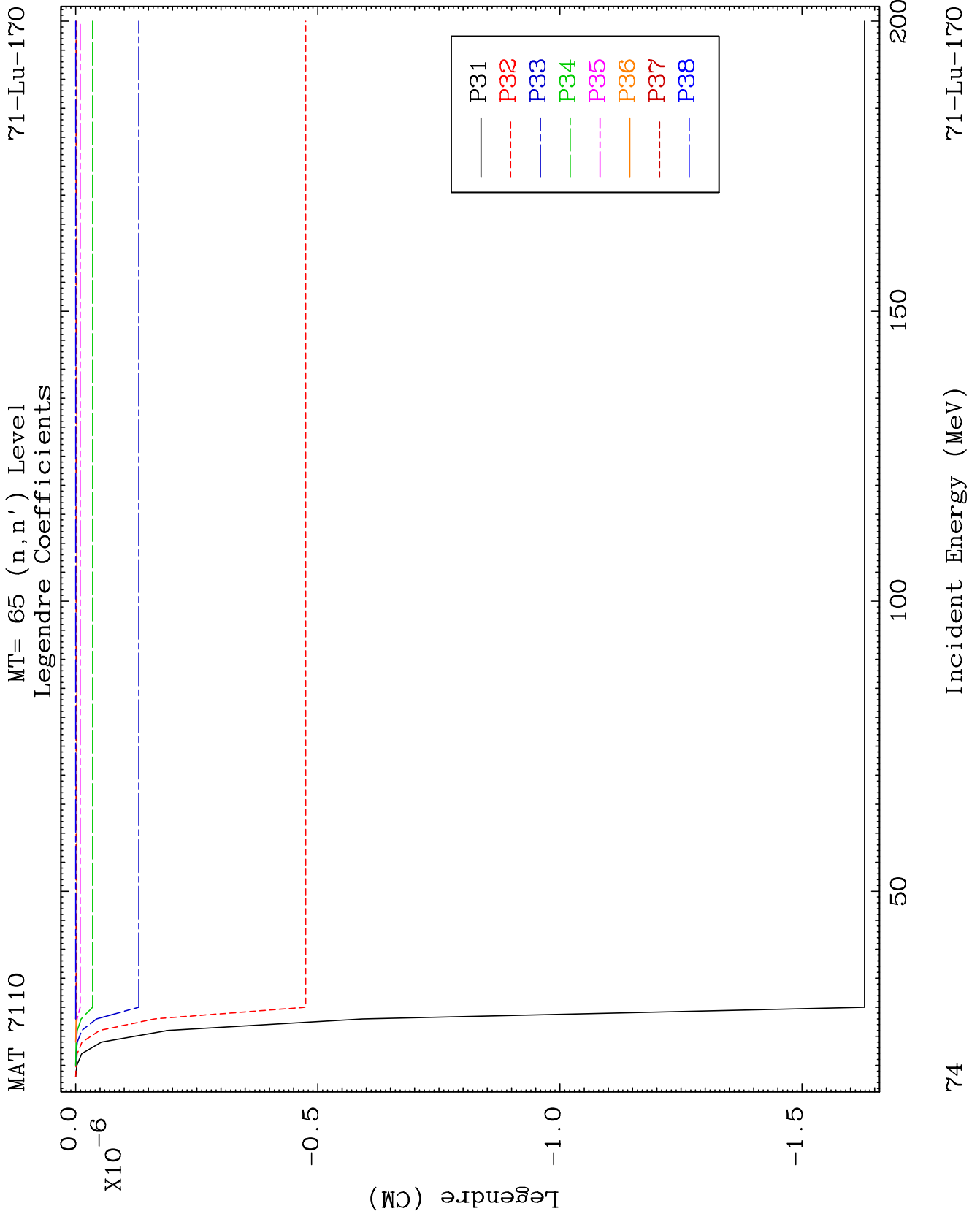


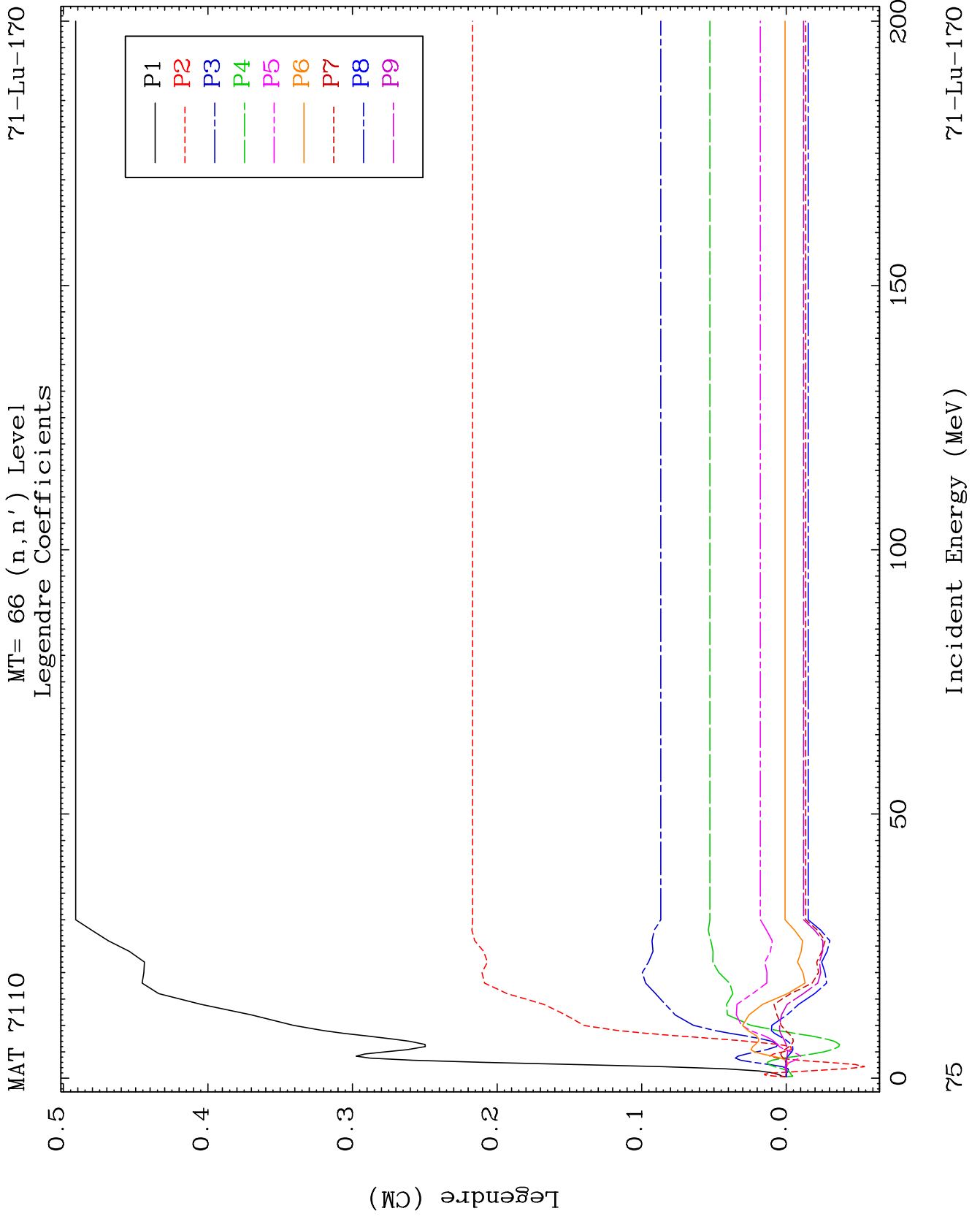


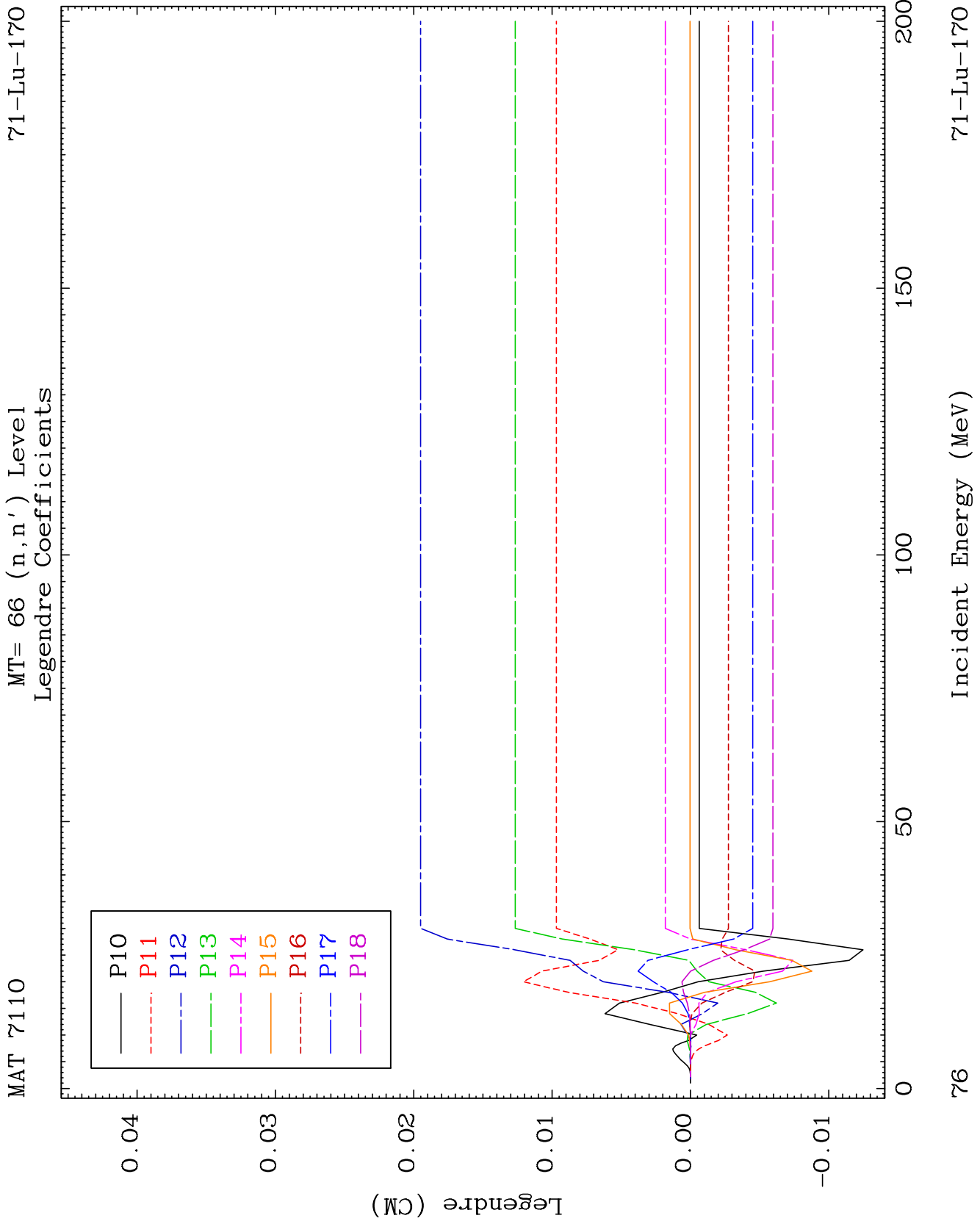


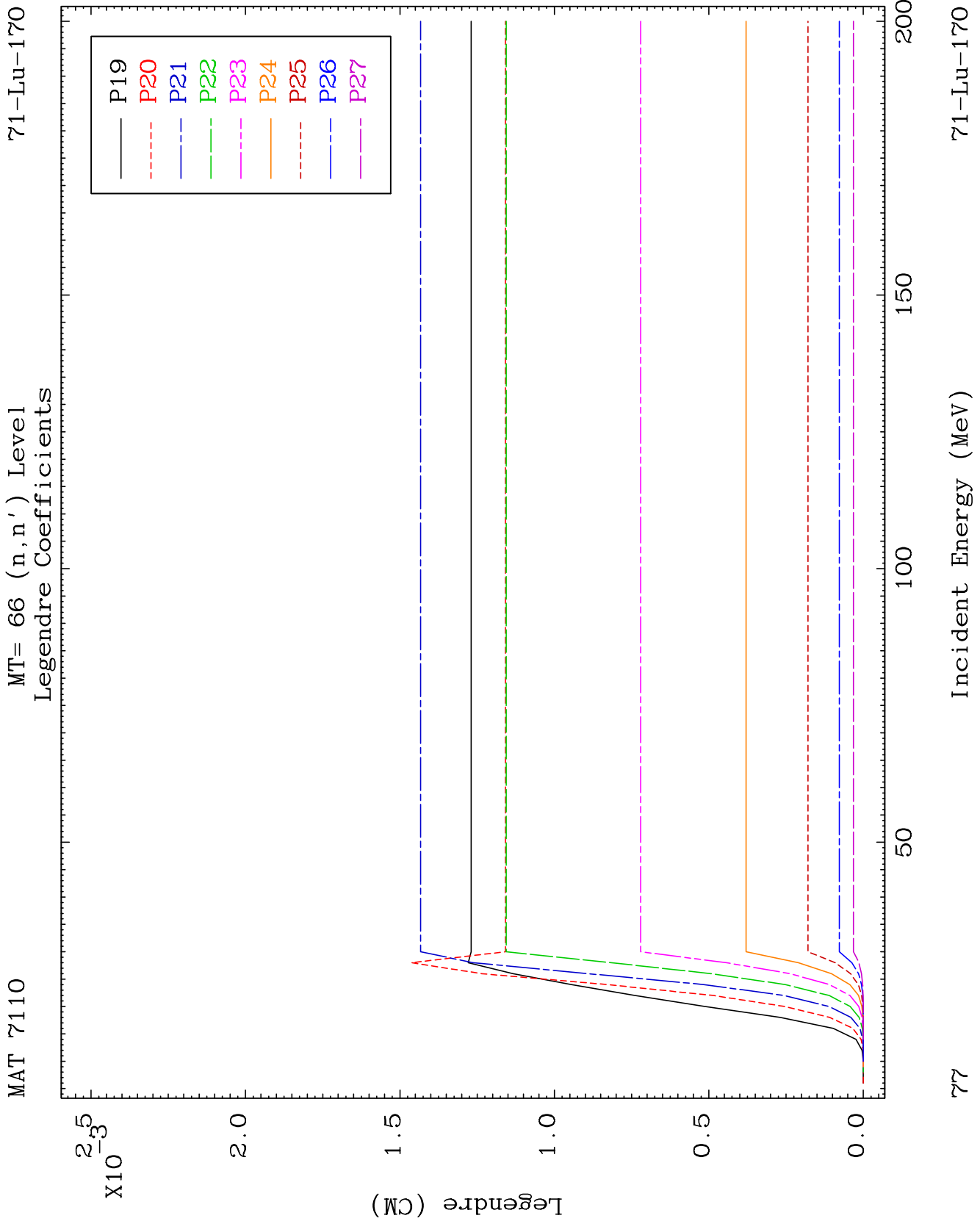








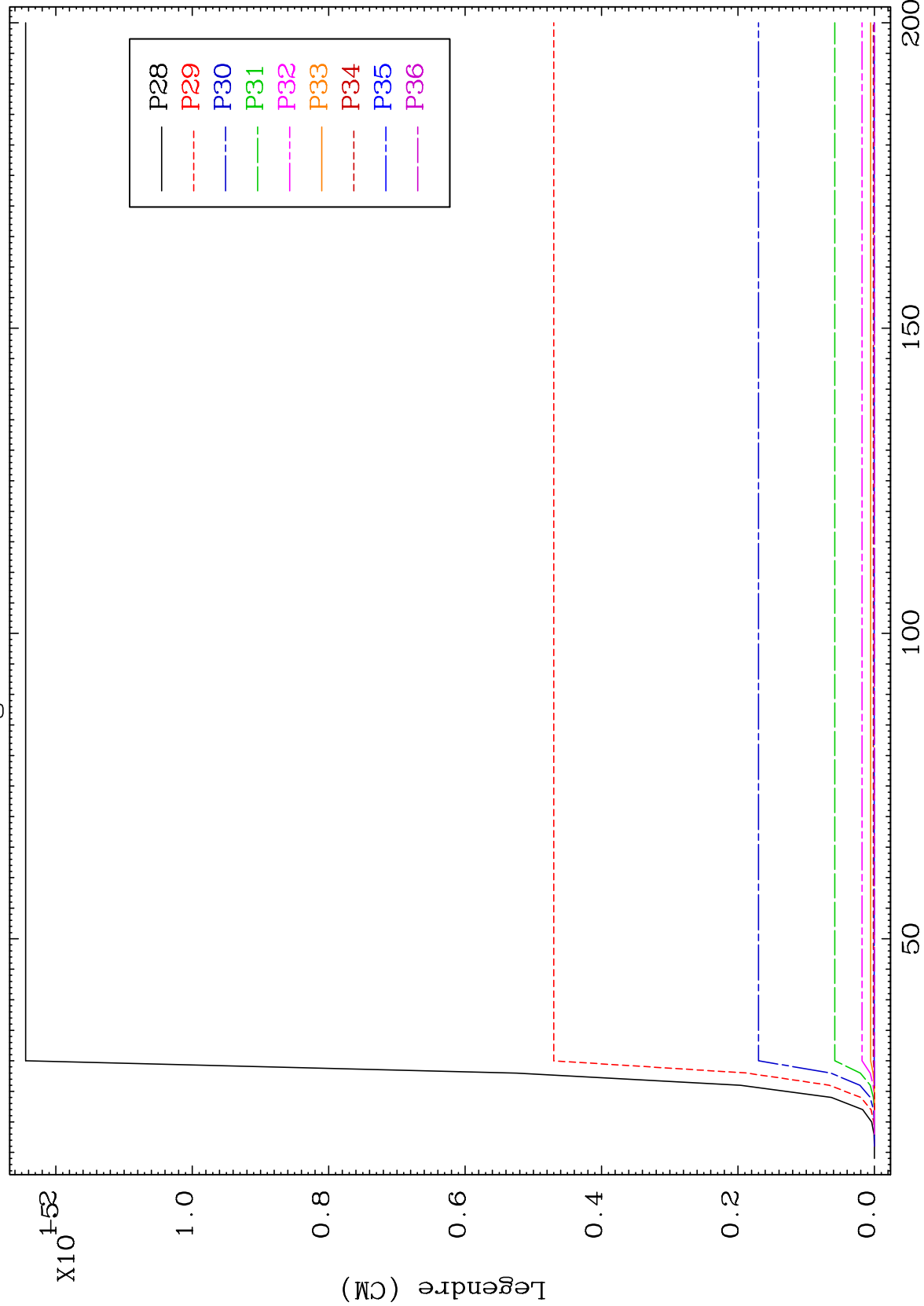




MAT 7110

MT= 66 (n,n') Level  
Legendre Coefficients

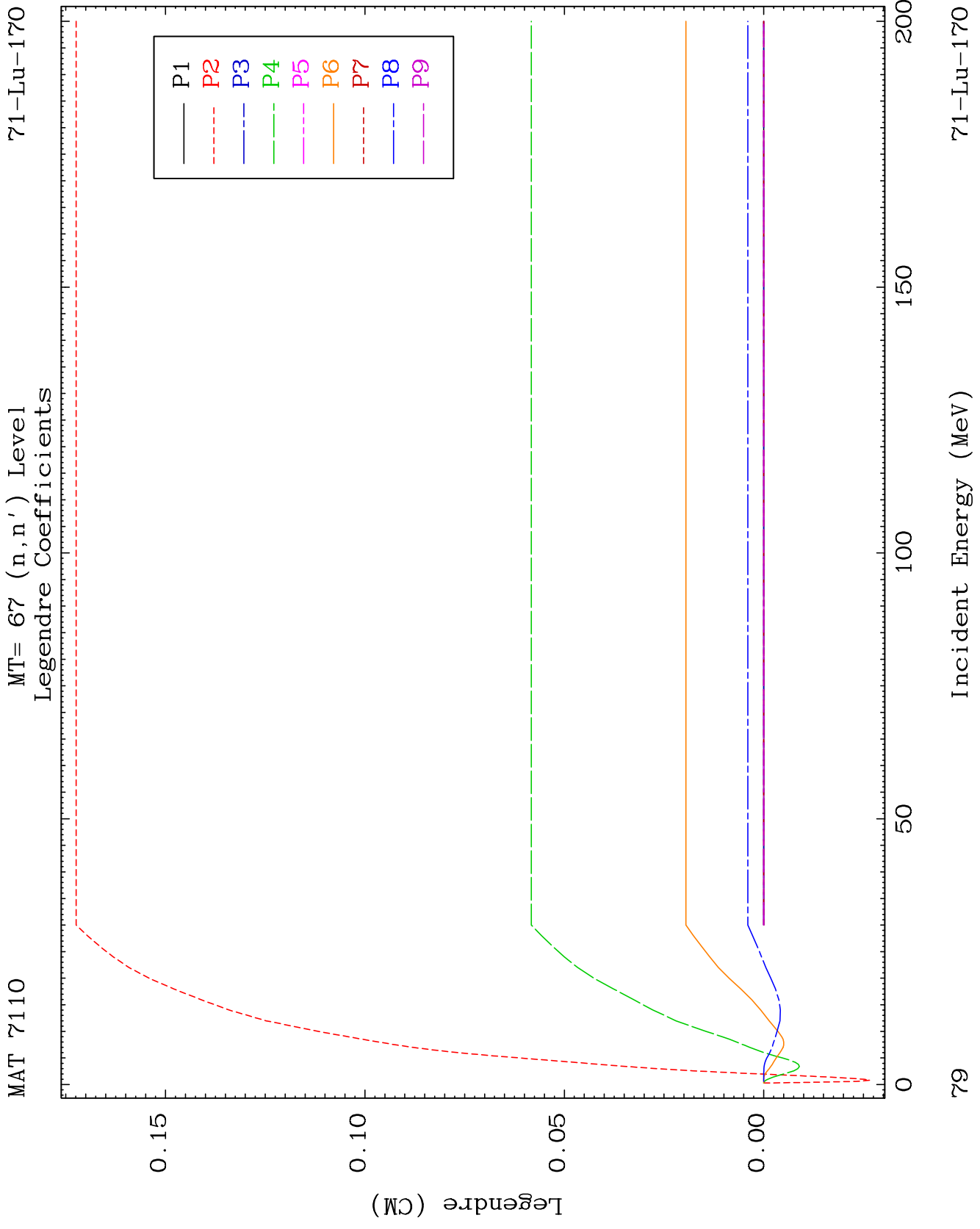
71-Lu-170



78

Incident Energy (MeV)

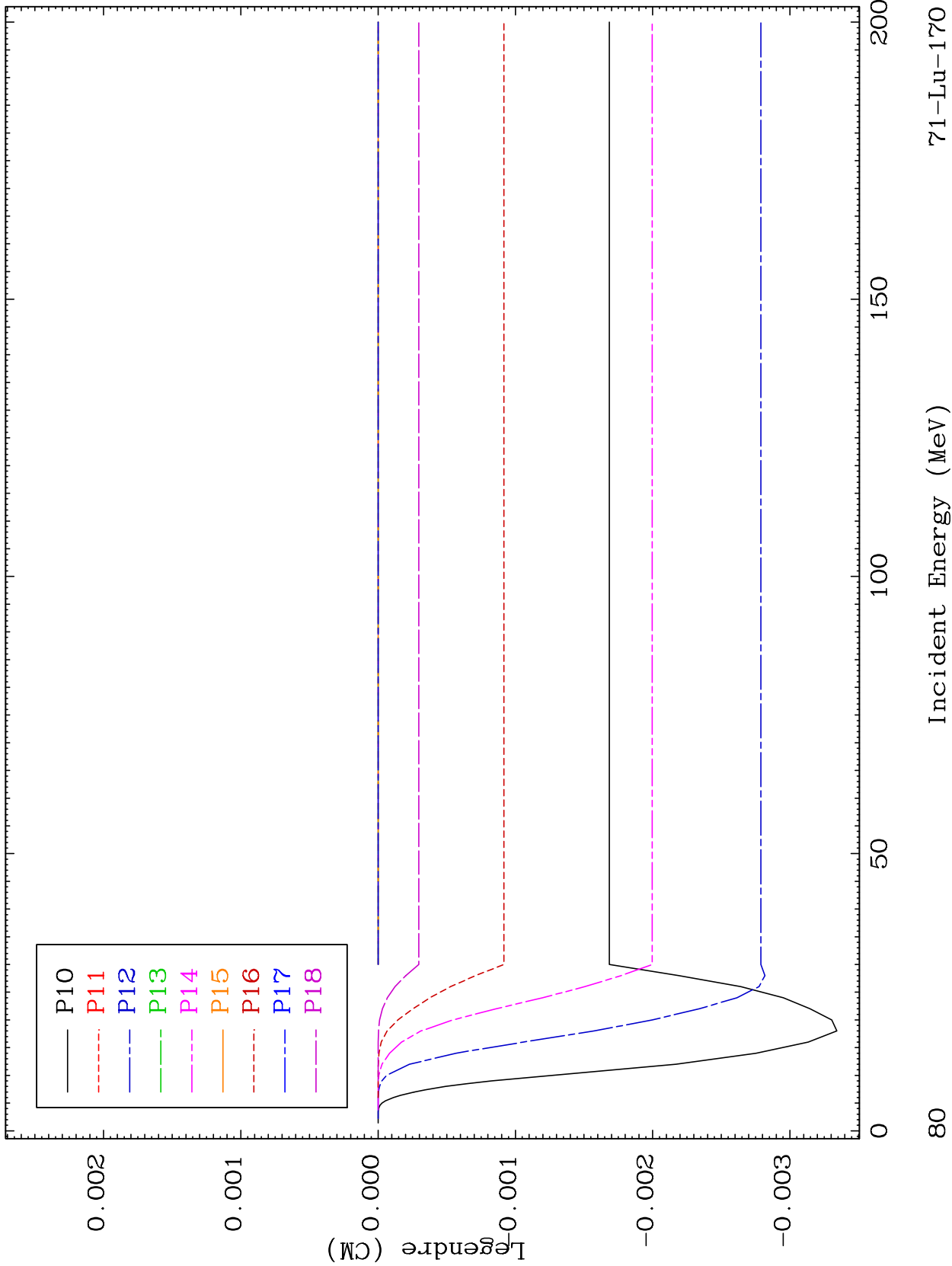
71-Lu-170



MAT 7110

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

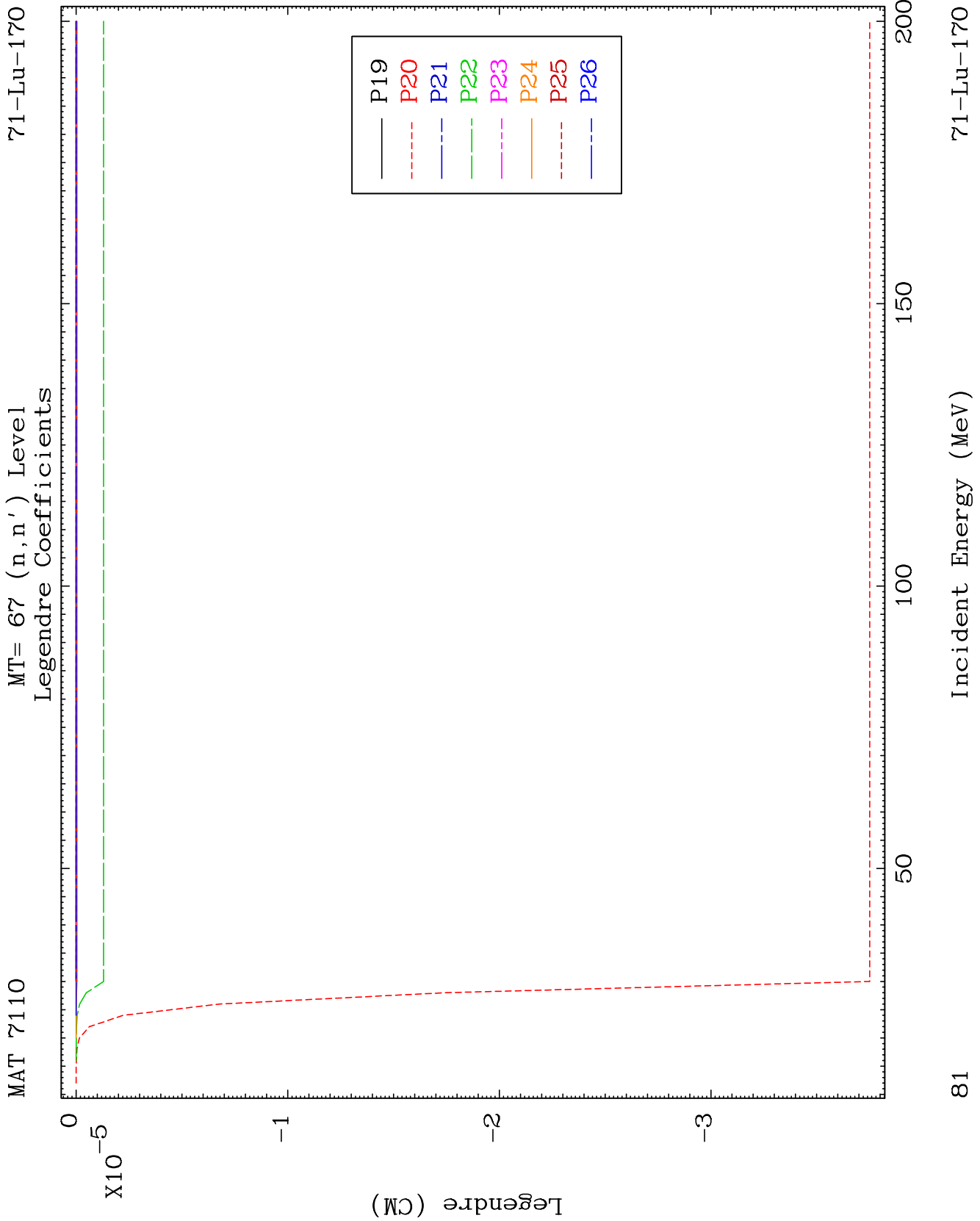
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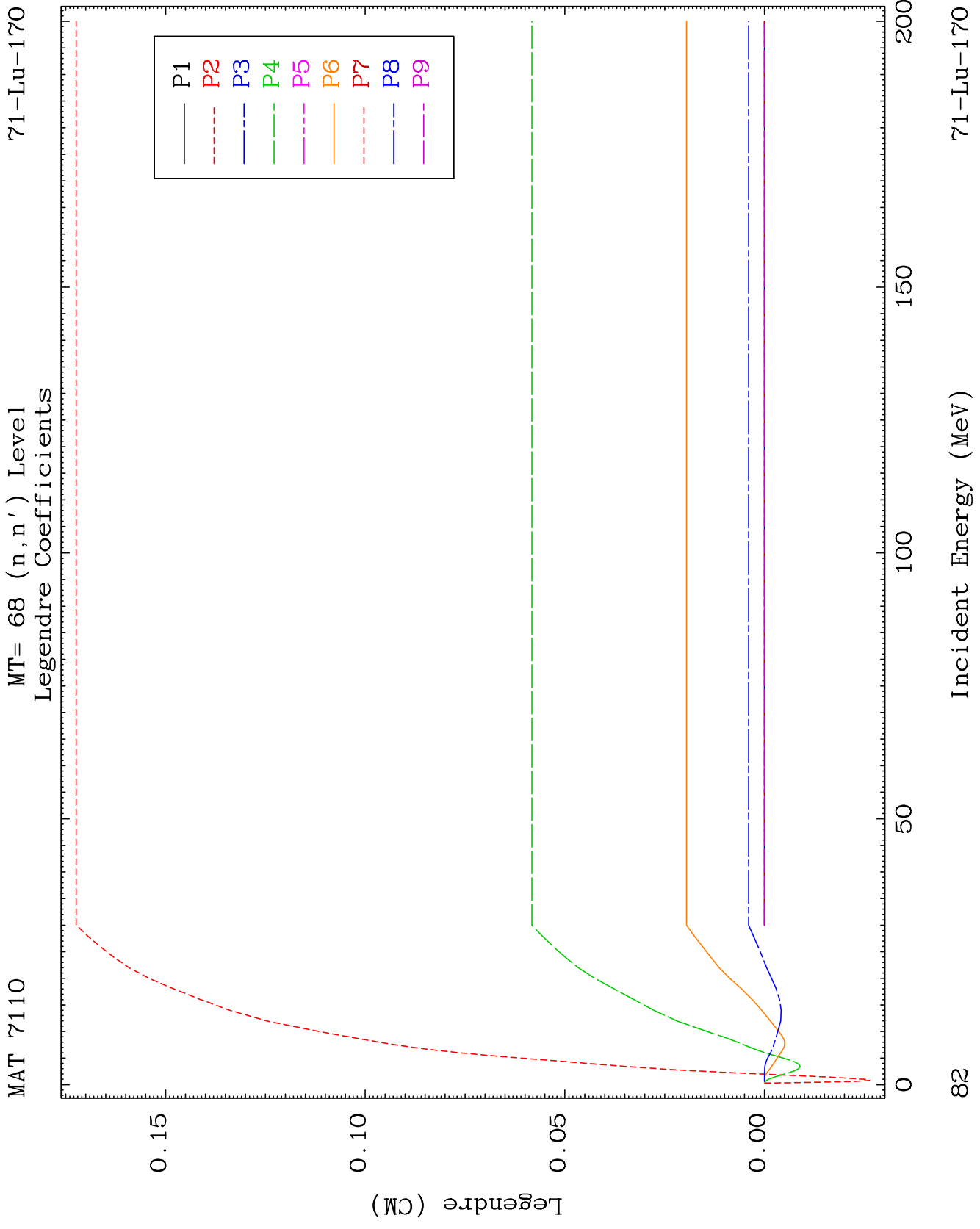


71-Lu-170

Incident Energy (MeV)

80

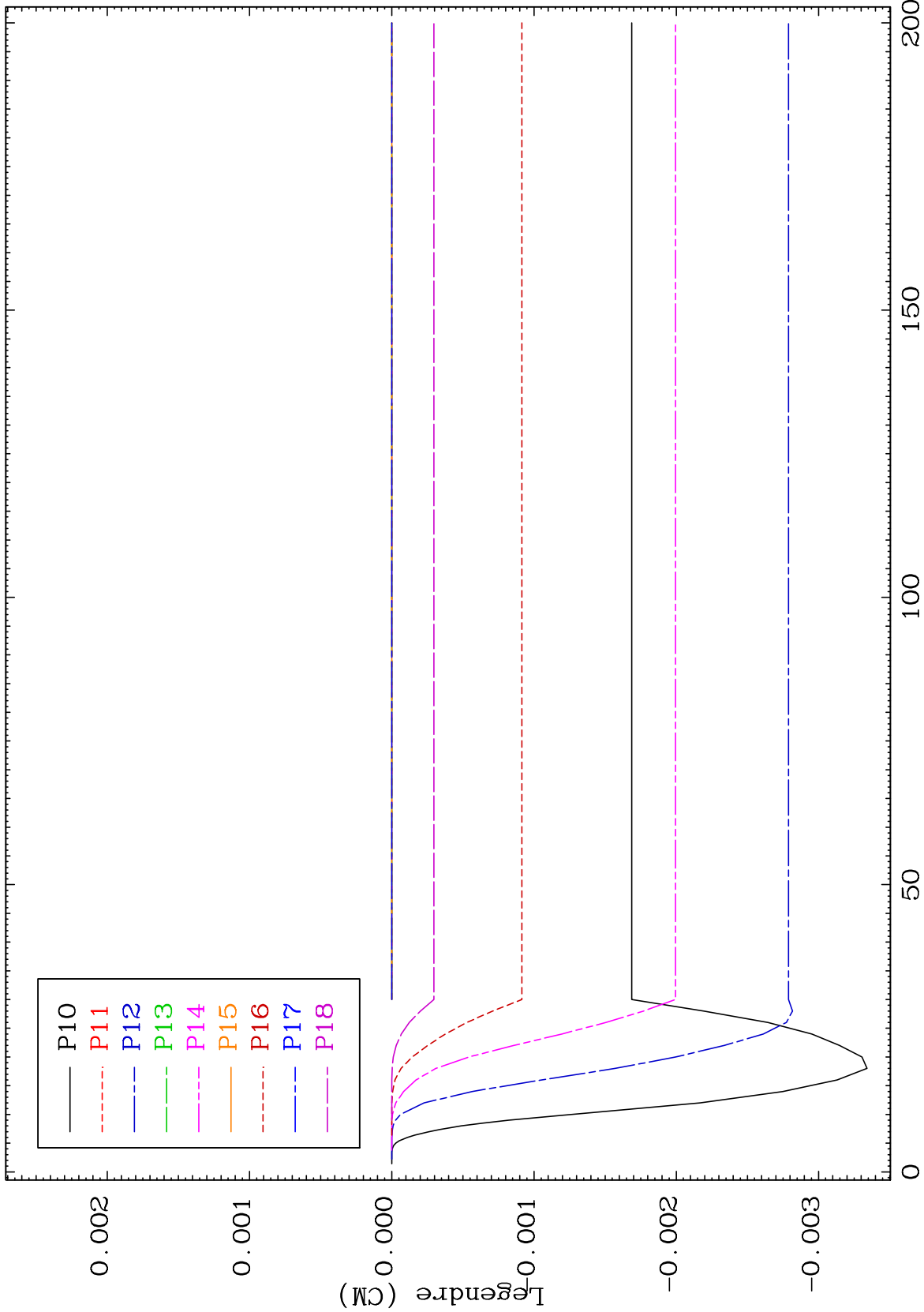


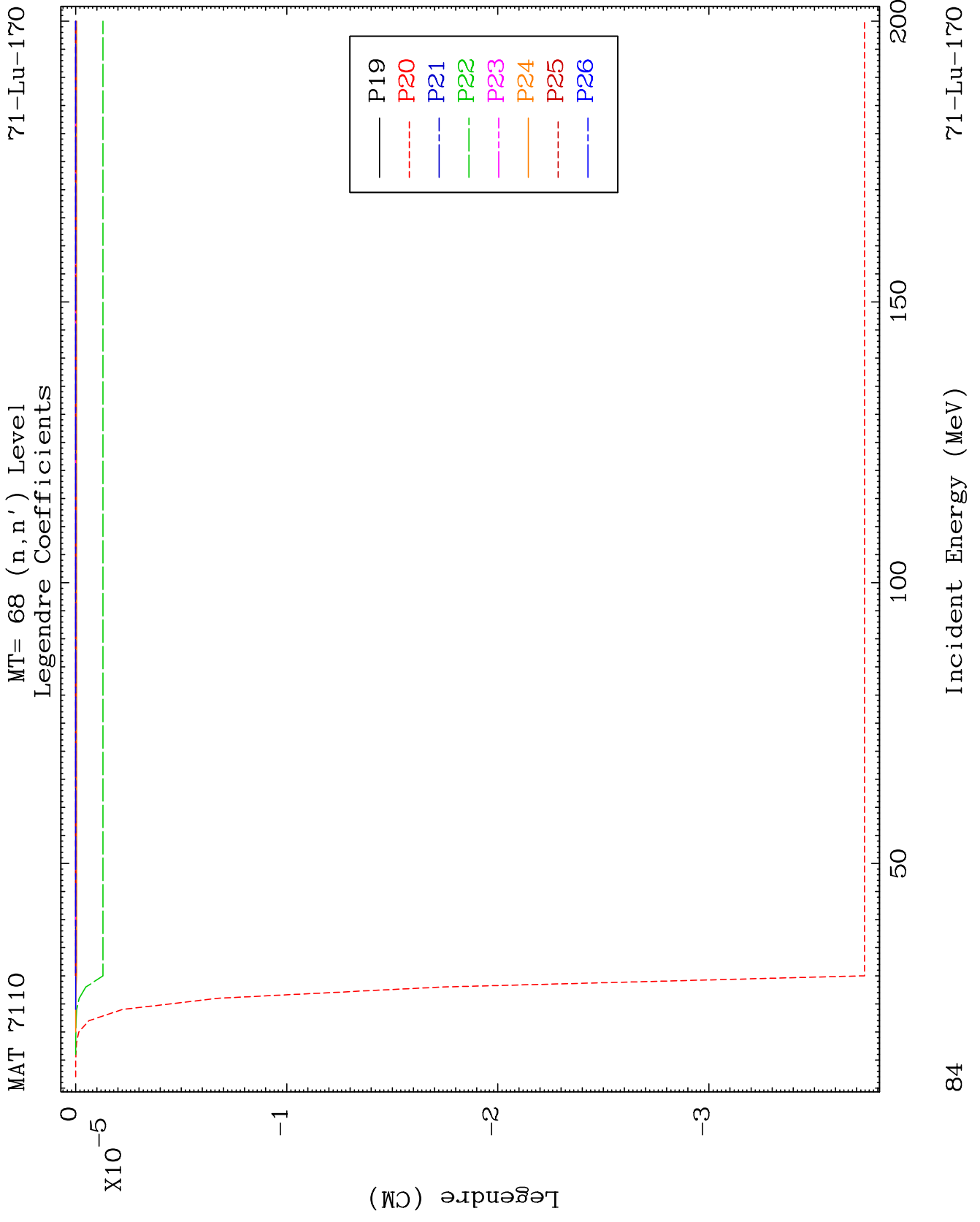


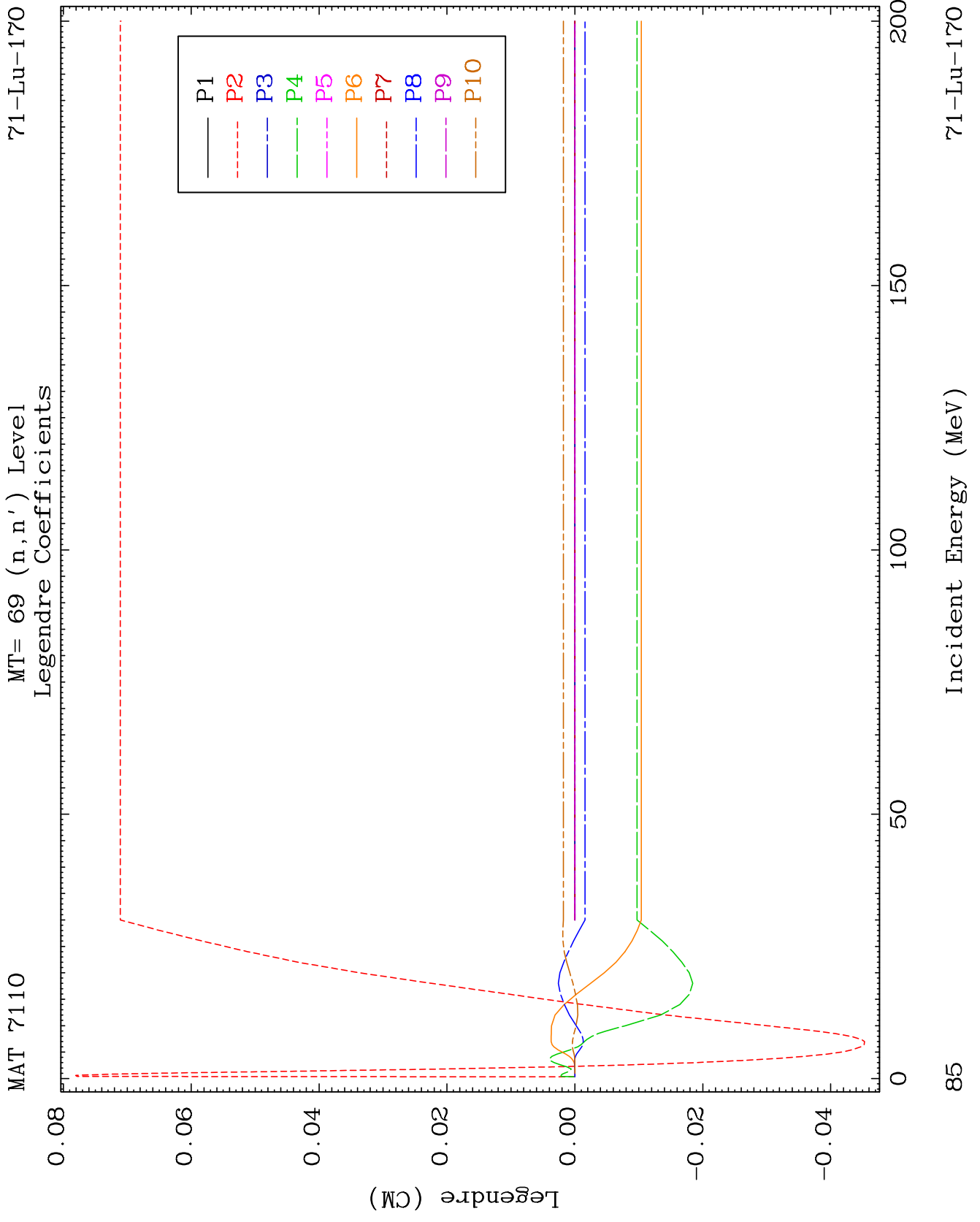
MAT 7110

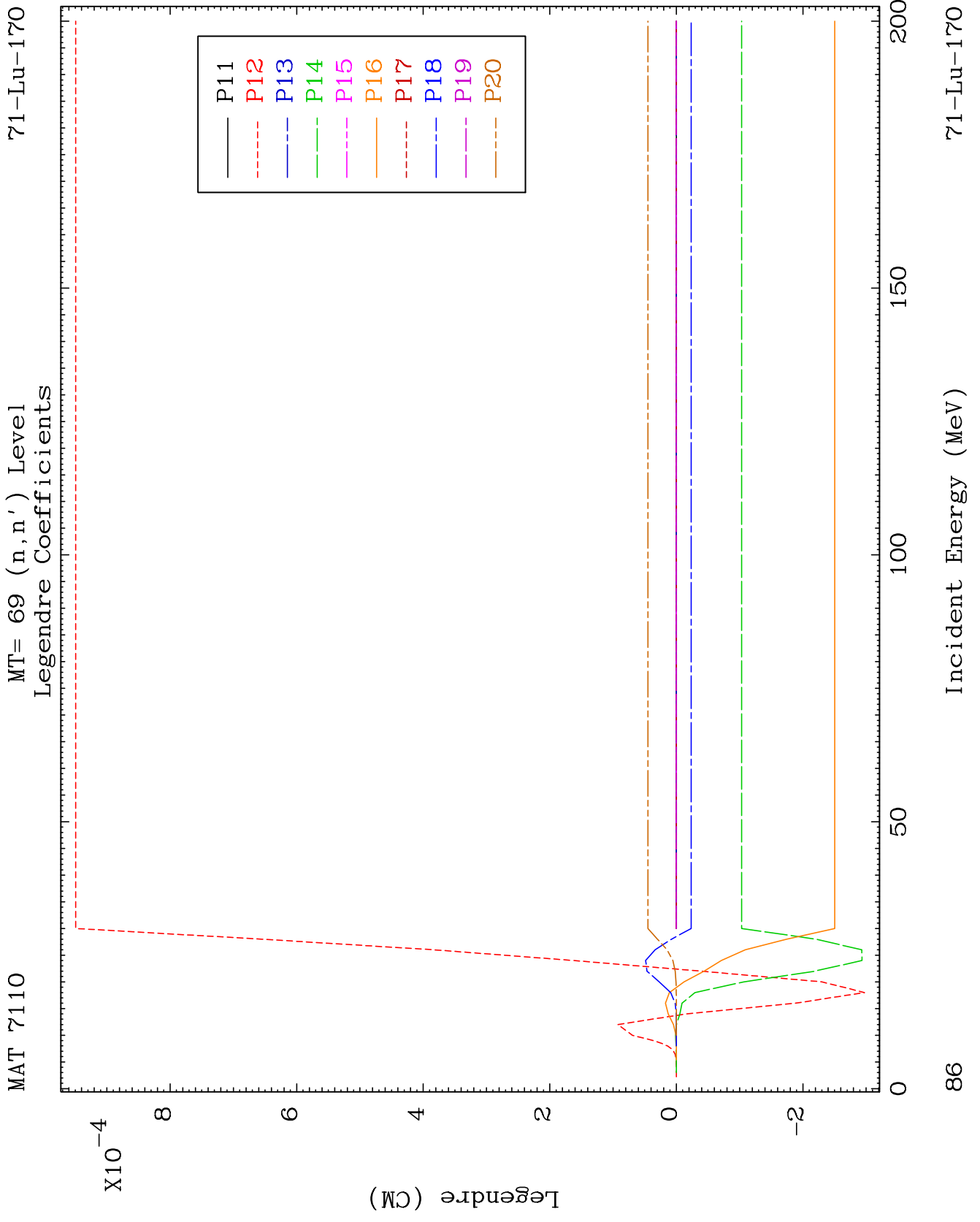
MT= 68 (n,n') Level Legendre Coefficients

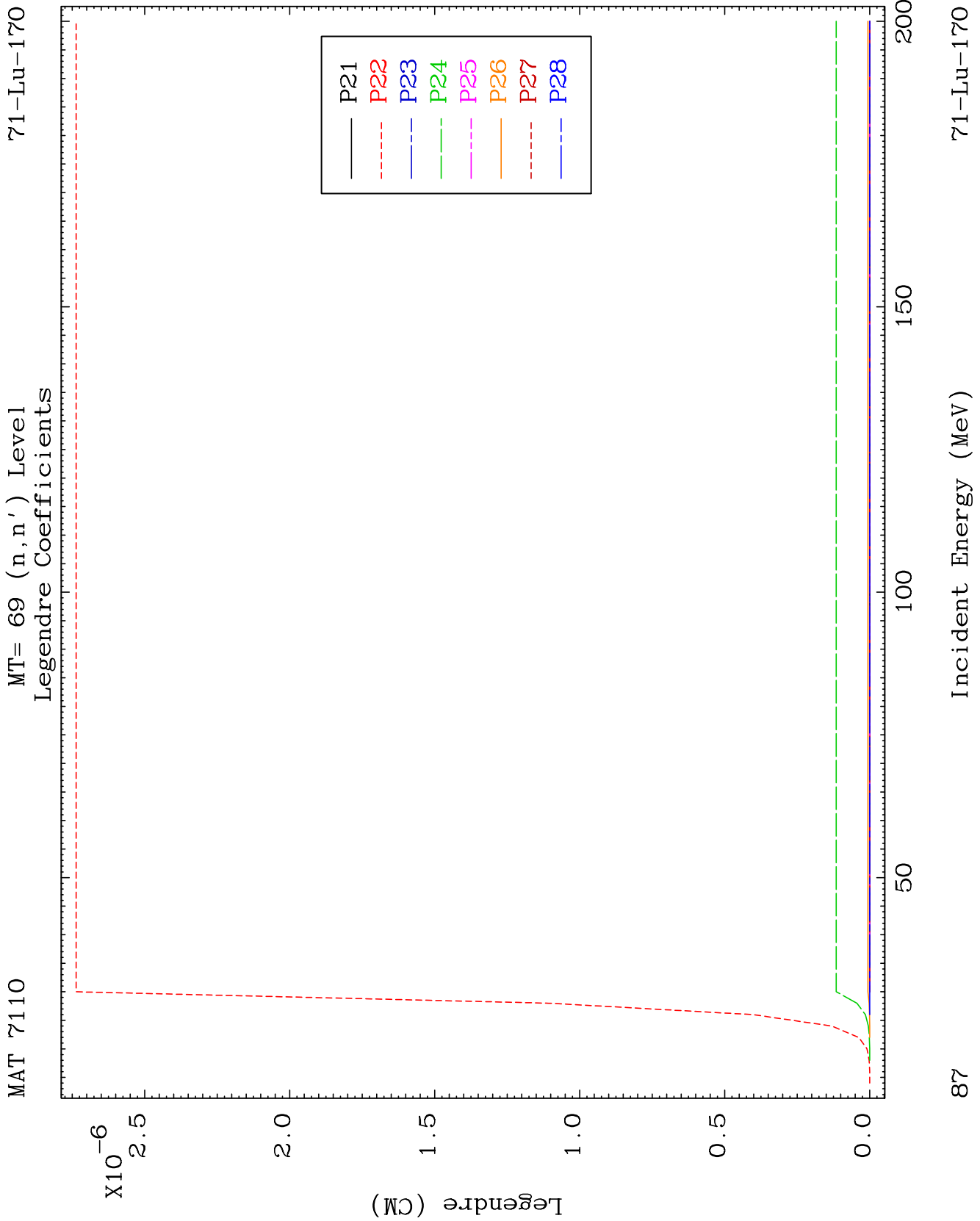
71-Lu-170

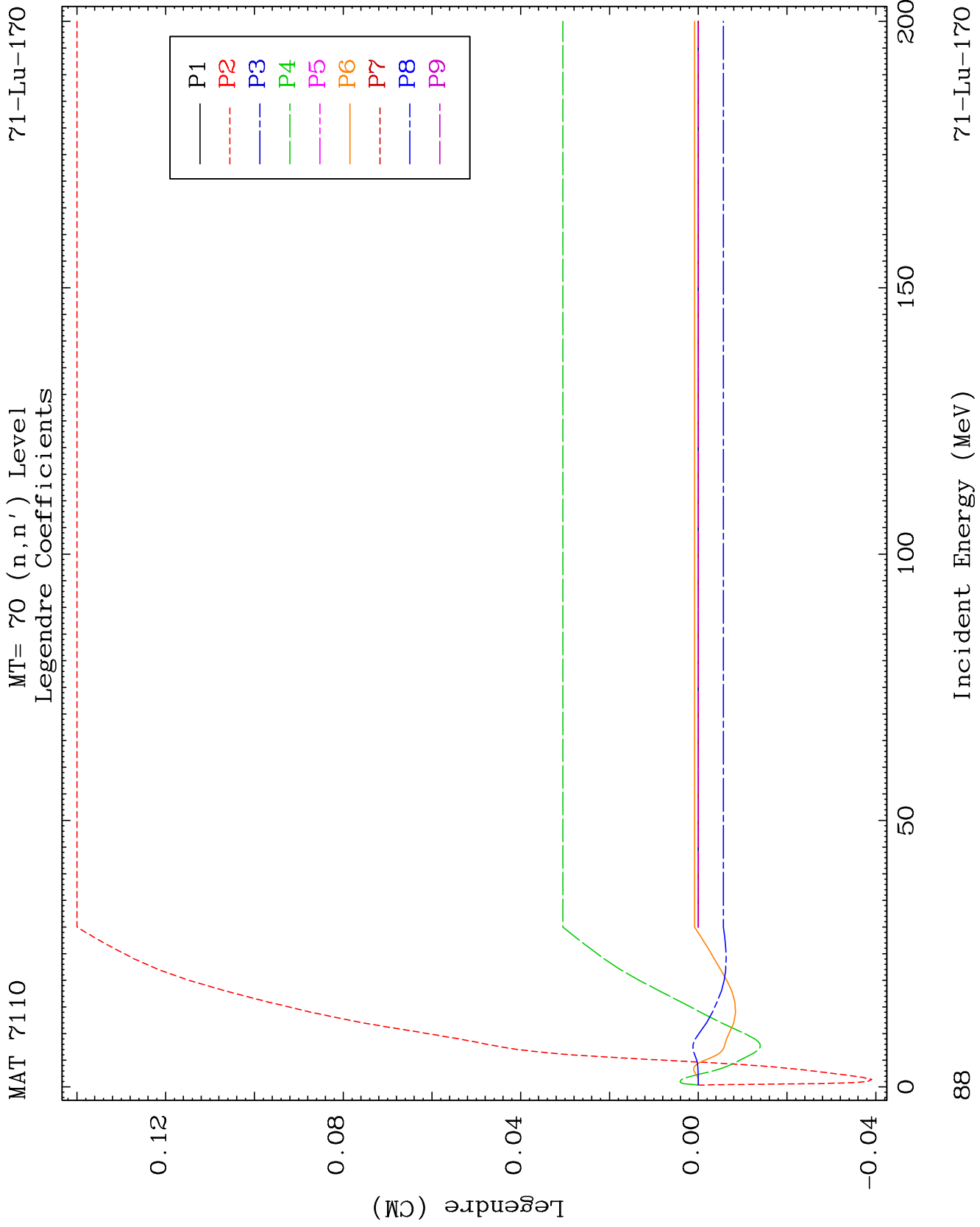


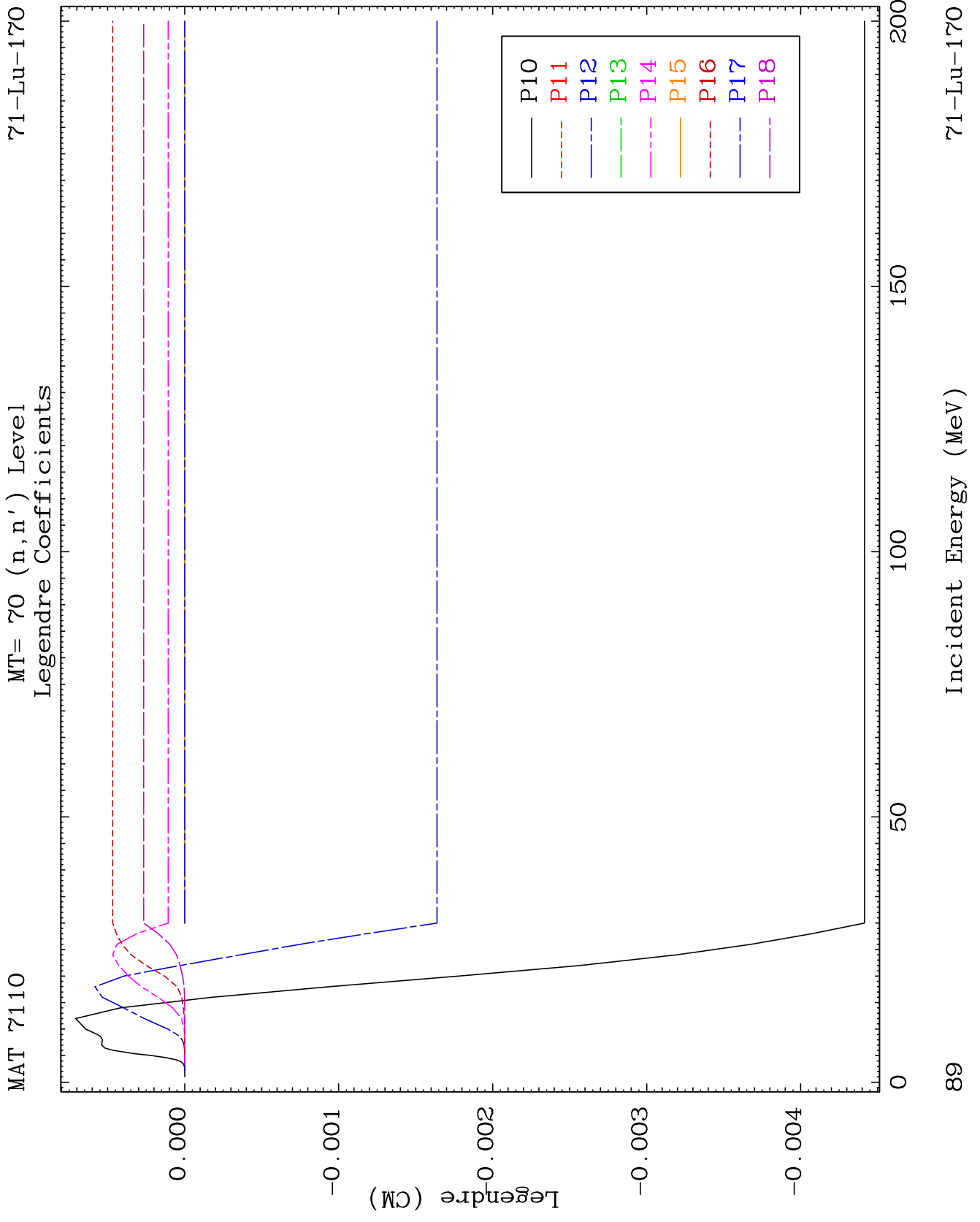


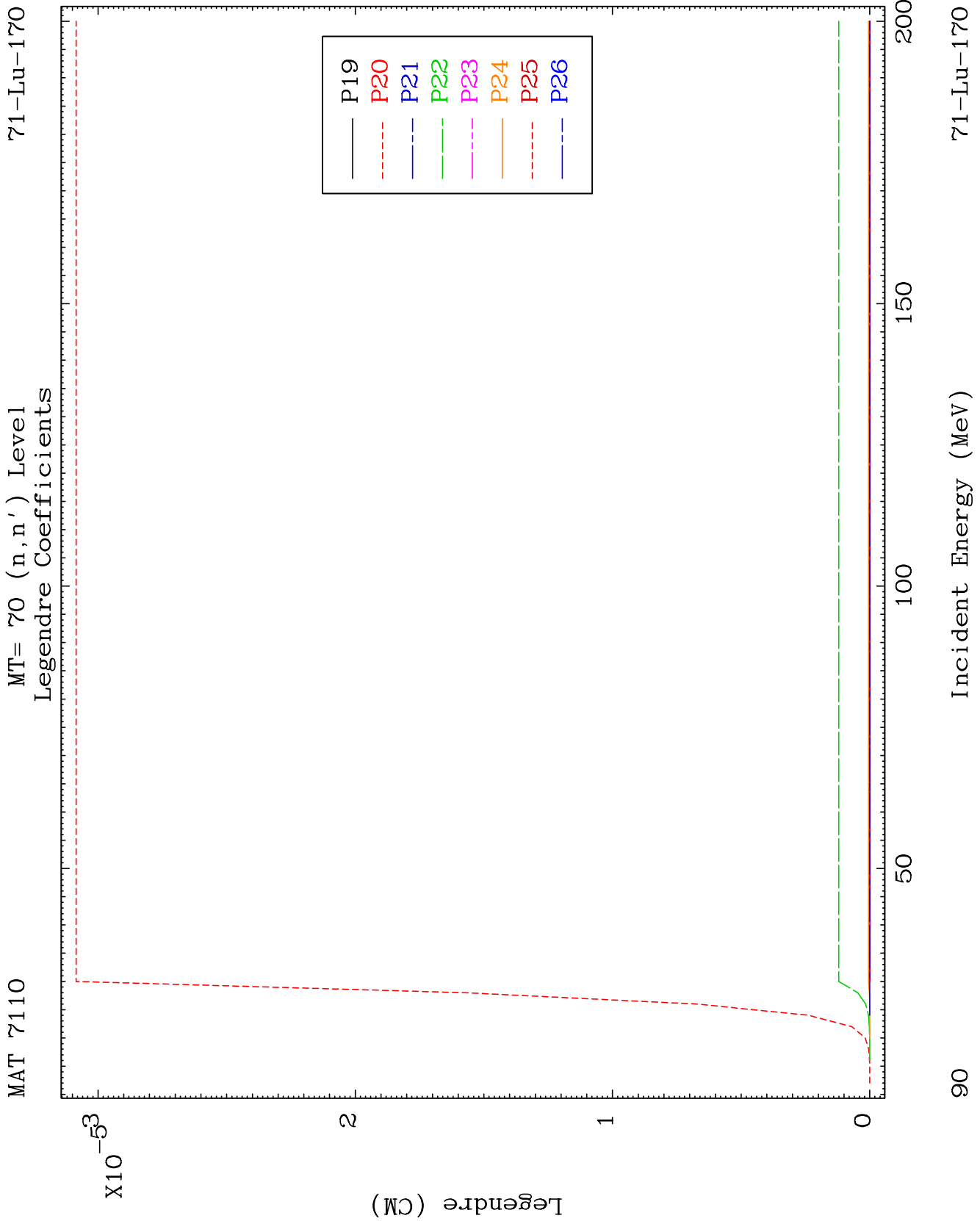


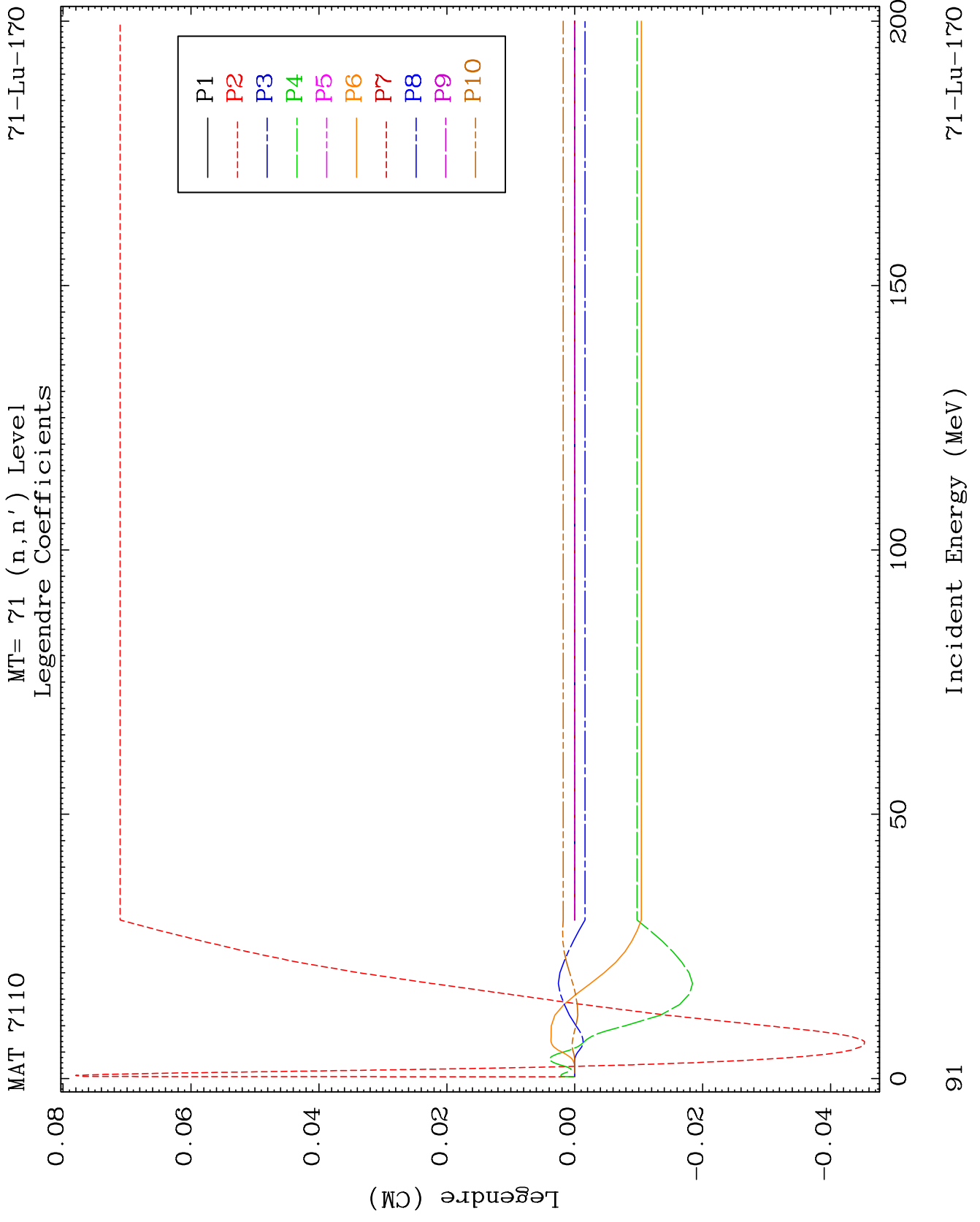


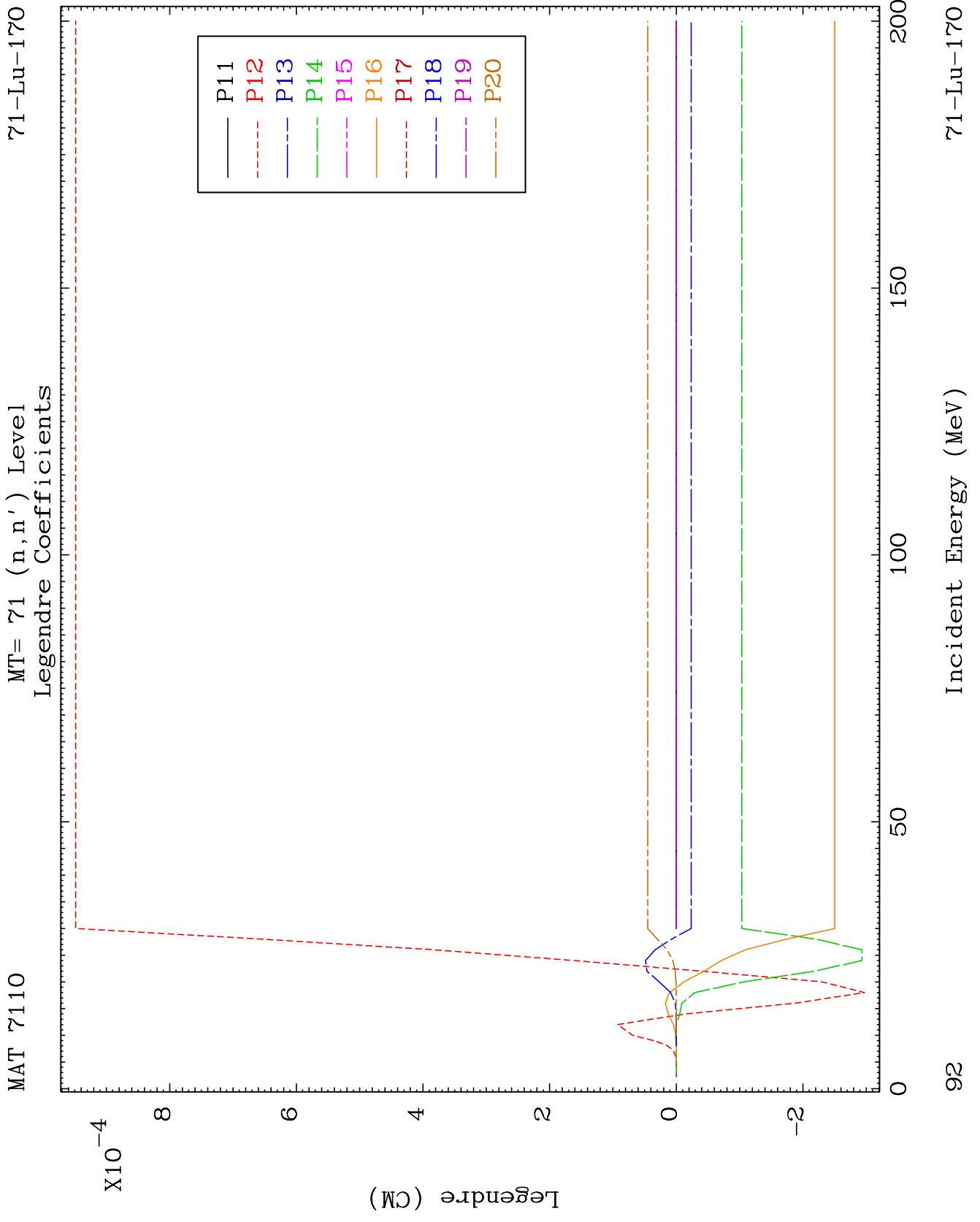


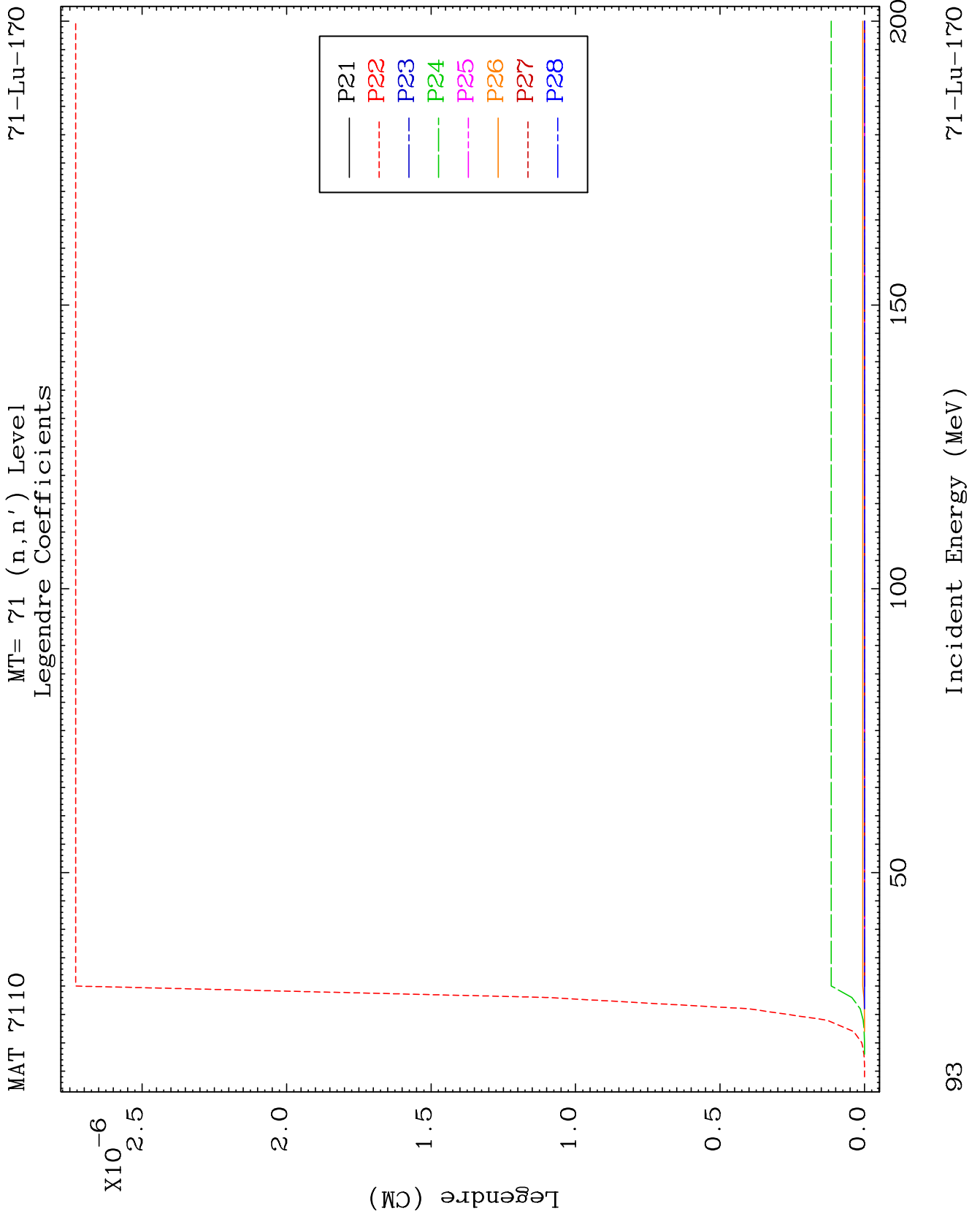








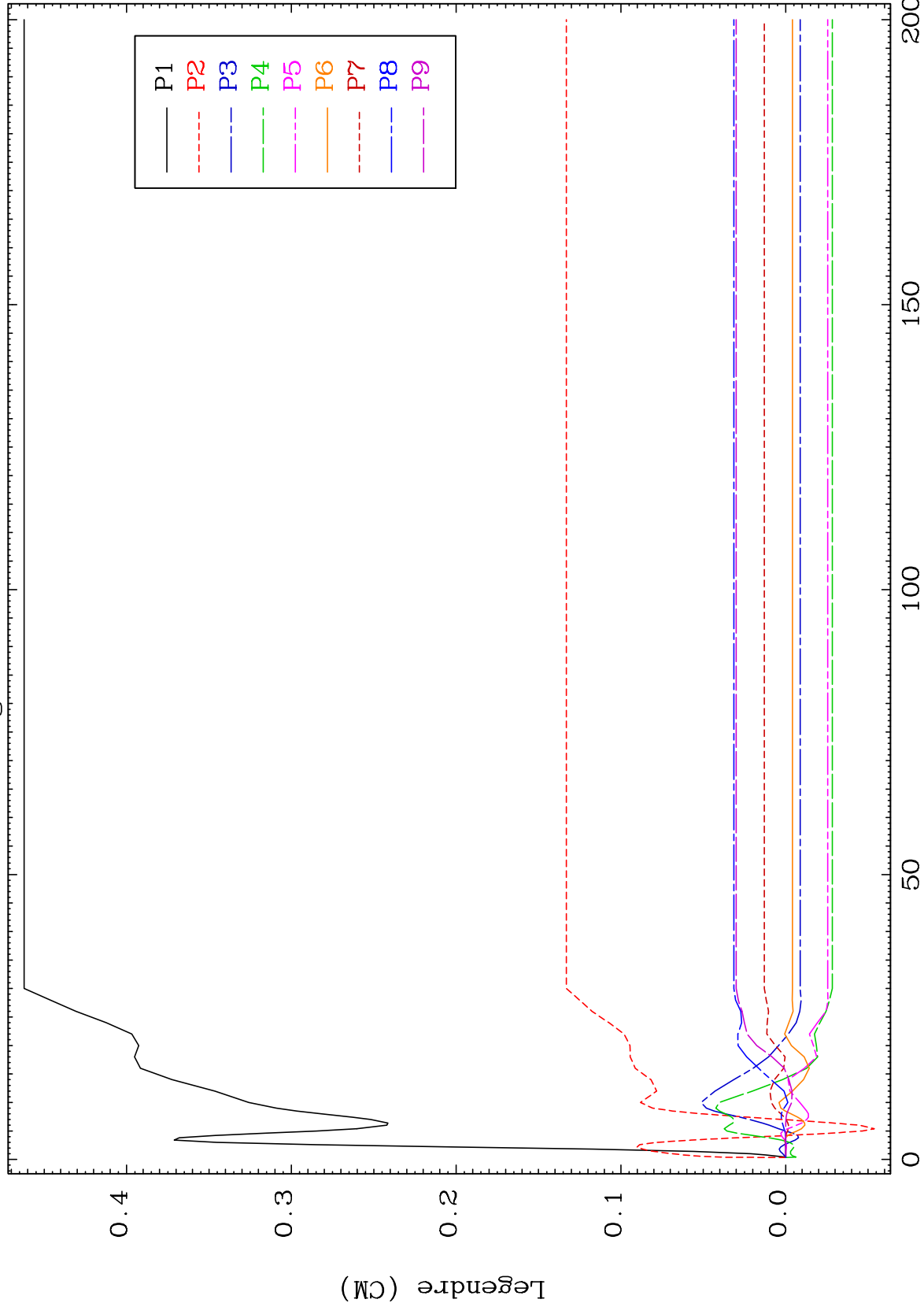




MAT 7110

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

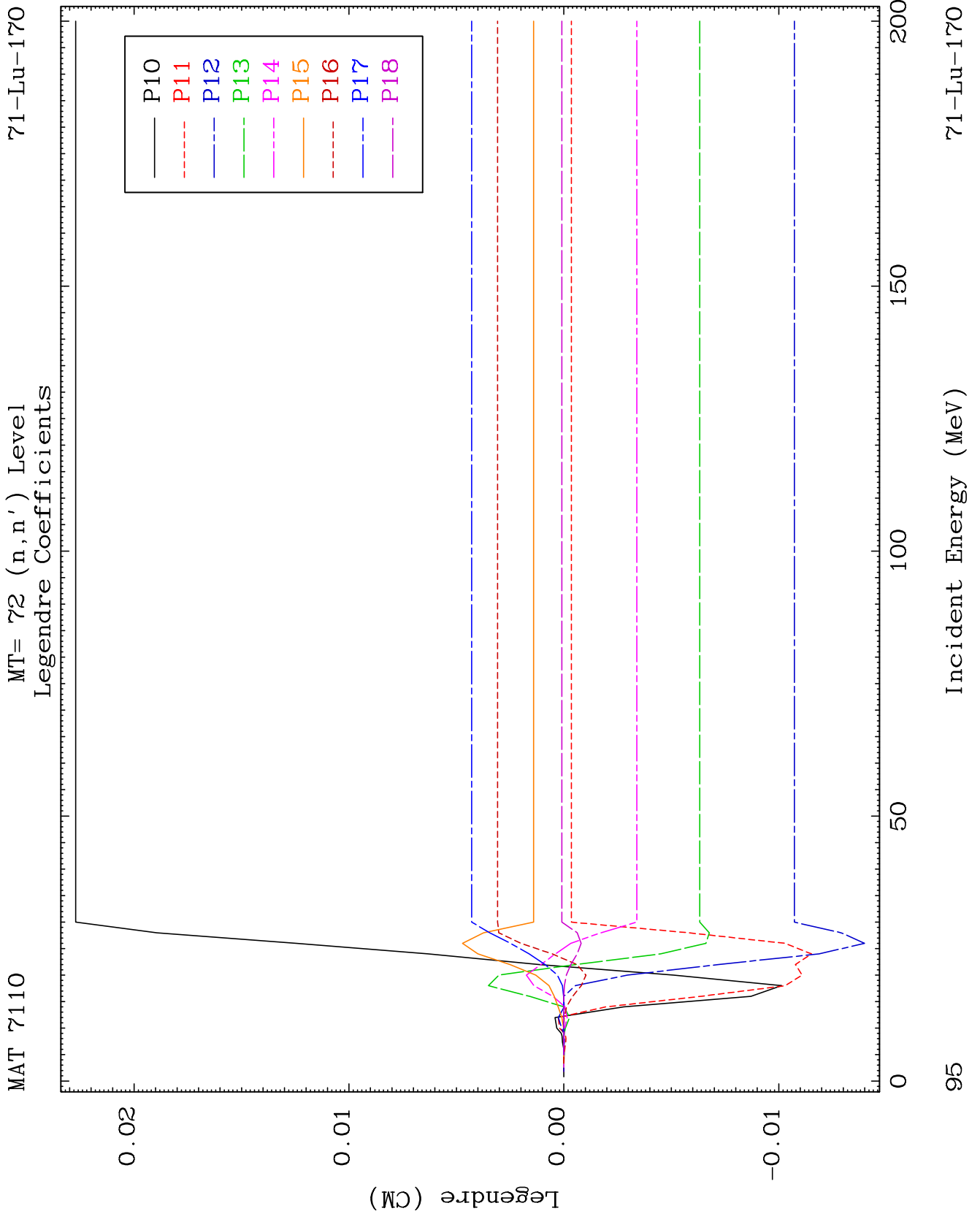
71-Lu-170



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Incident Energy (MeV)

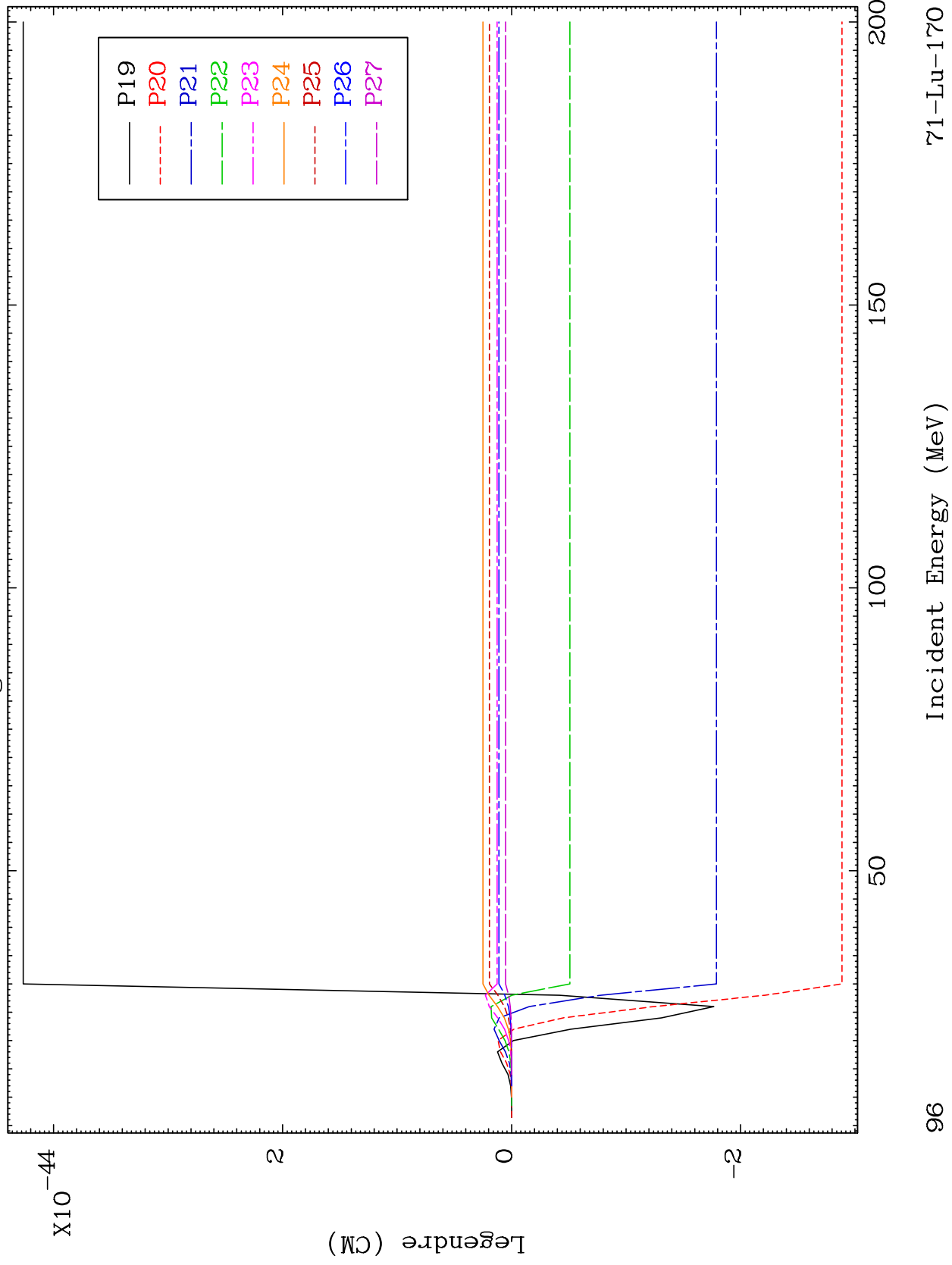
71-Lu-170

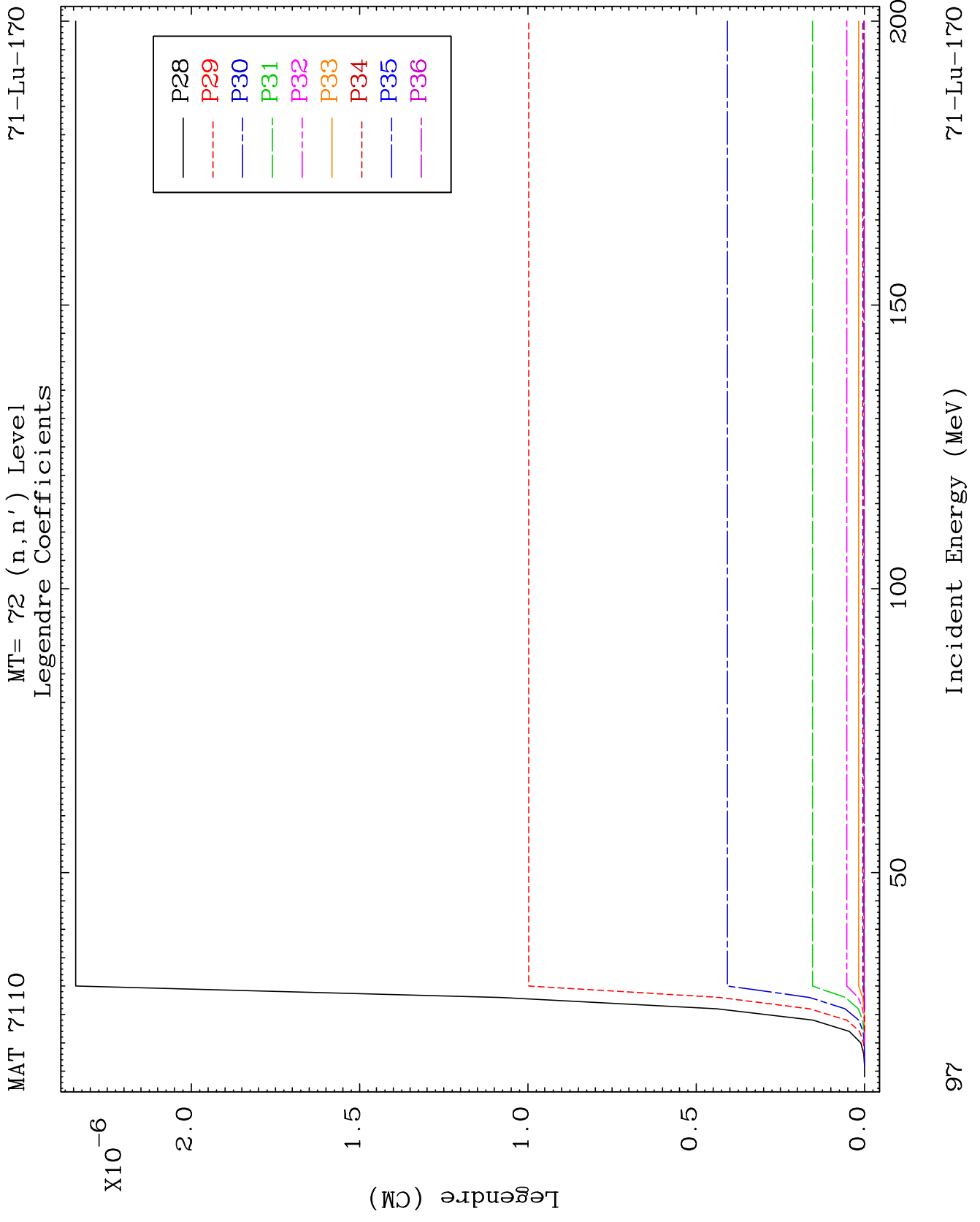


MAT 7110

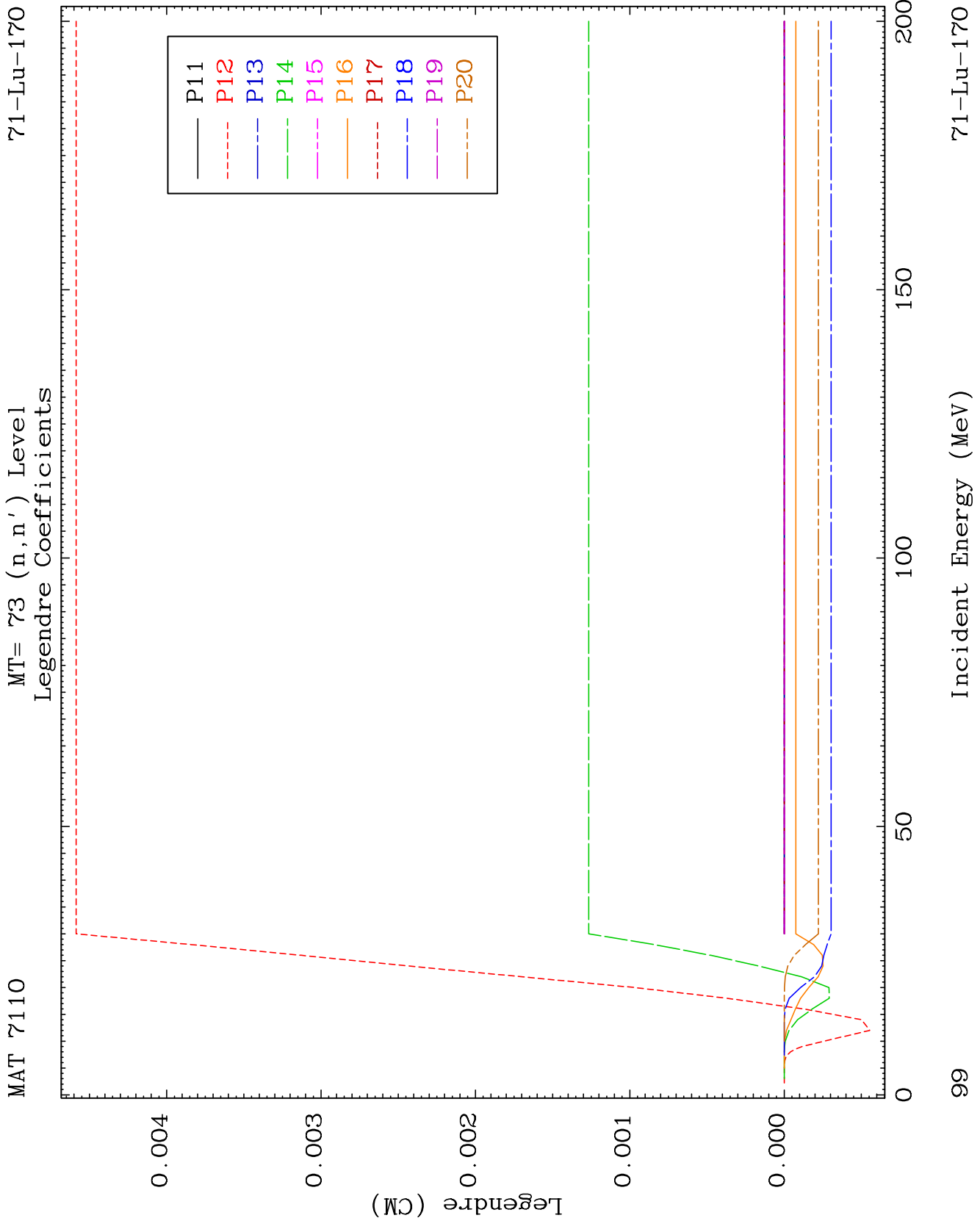
MT= 72 (n,n') Level  
Legendre Coefficients

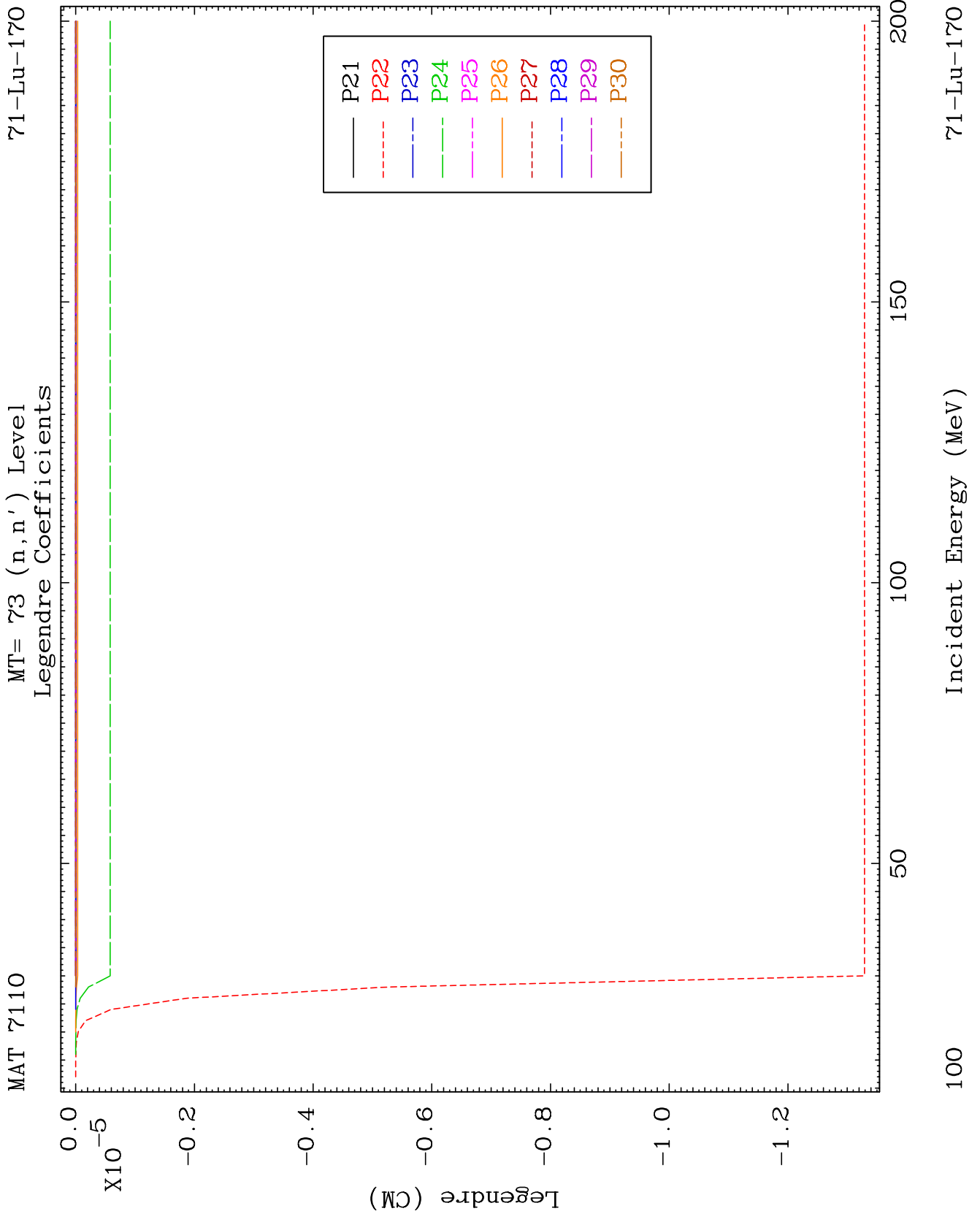
71-Lu-170

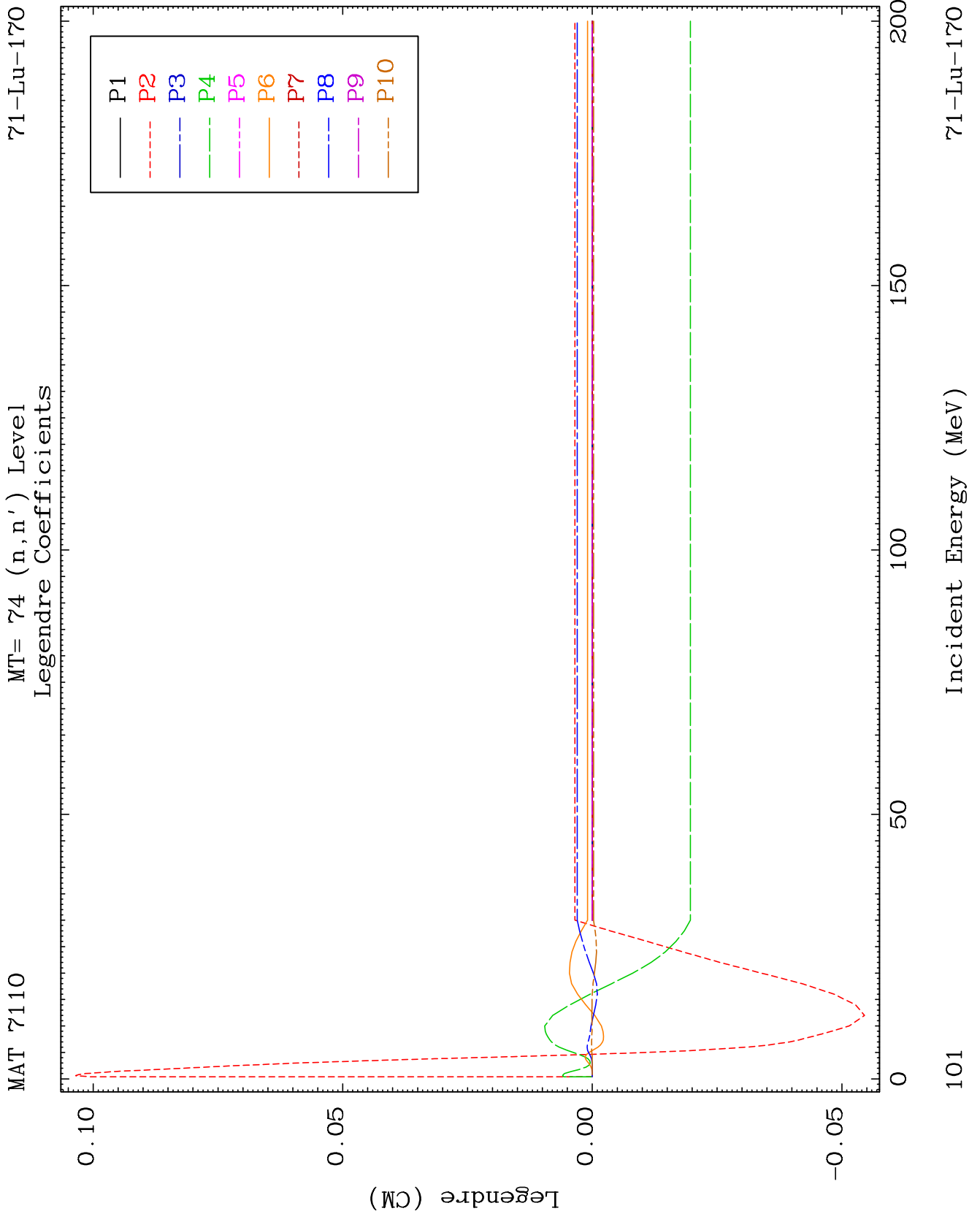


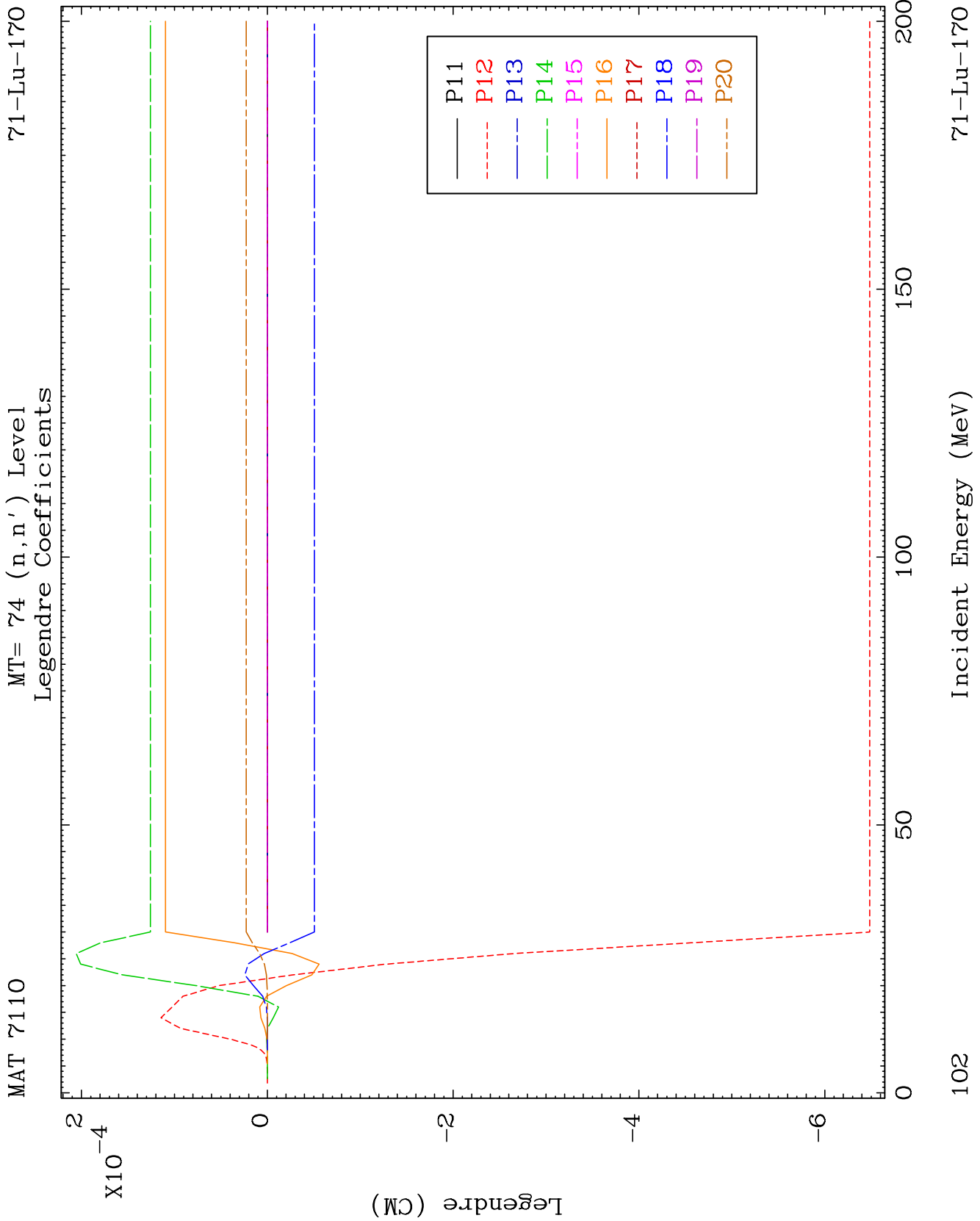






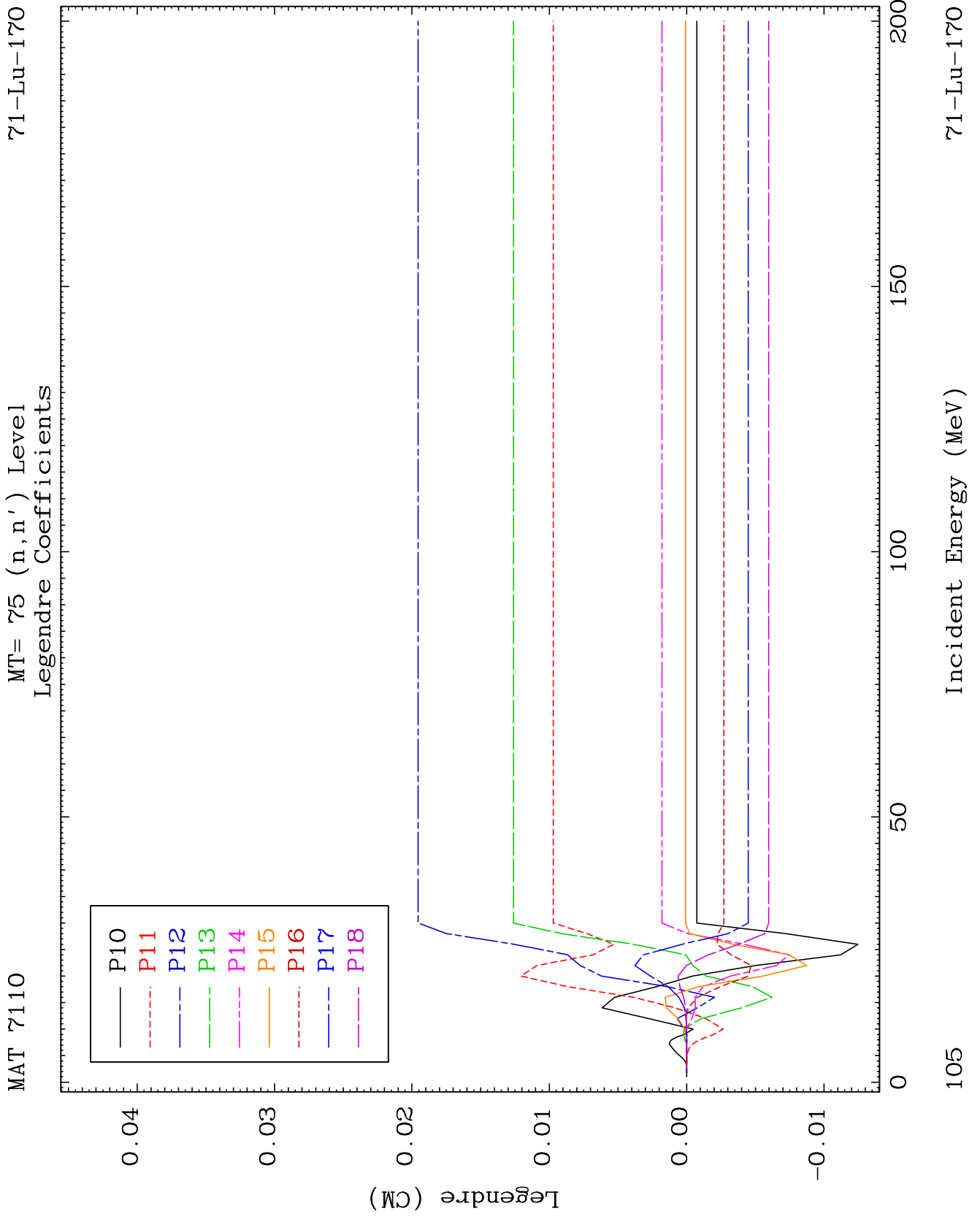


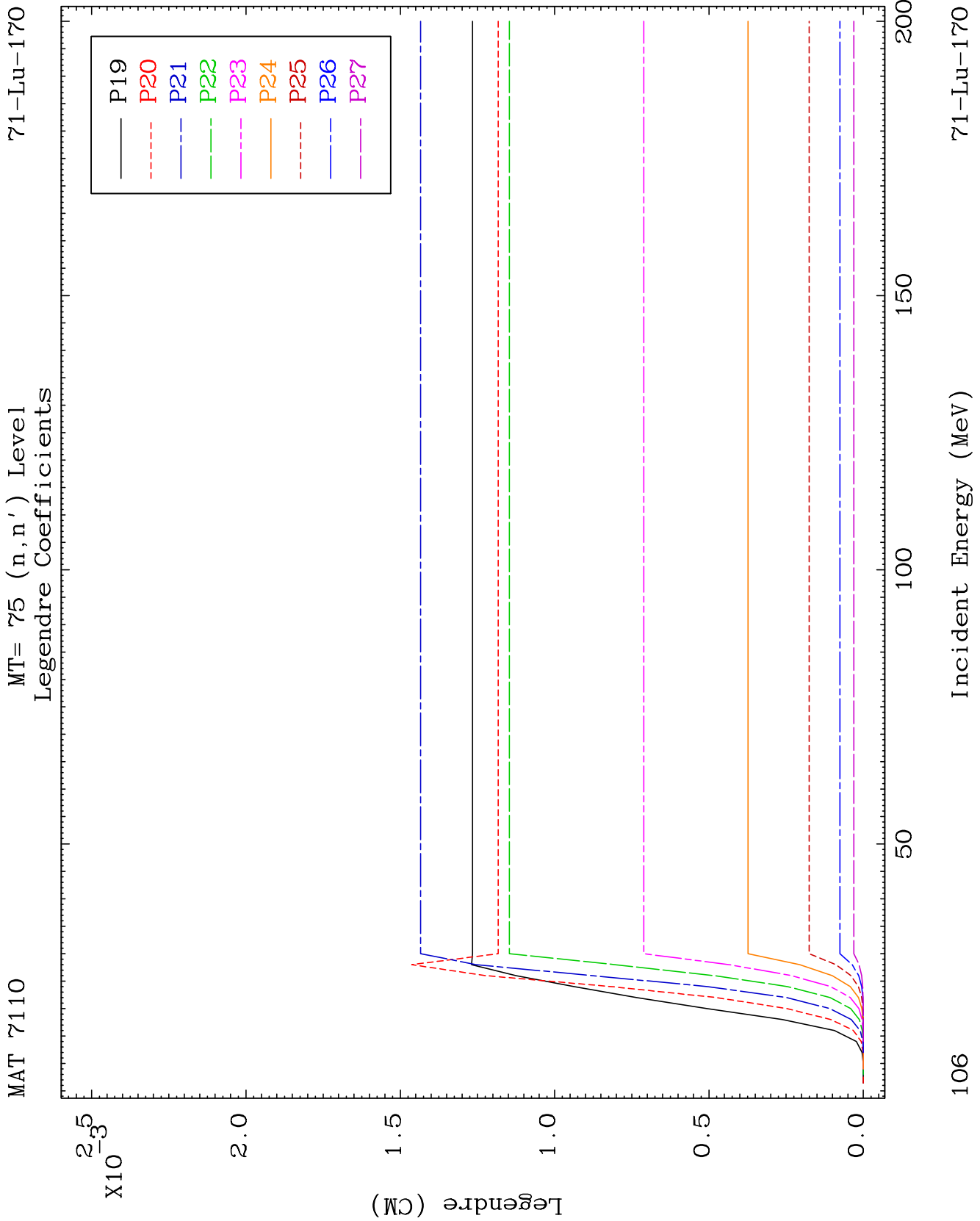


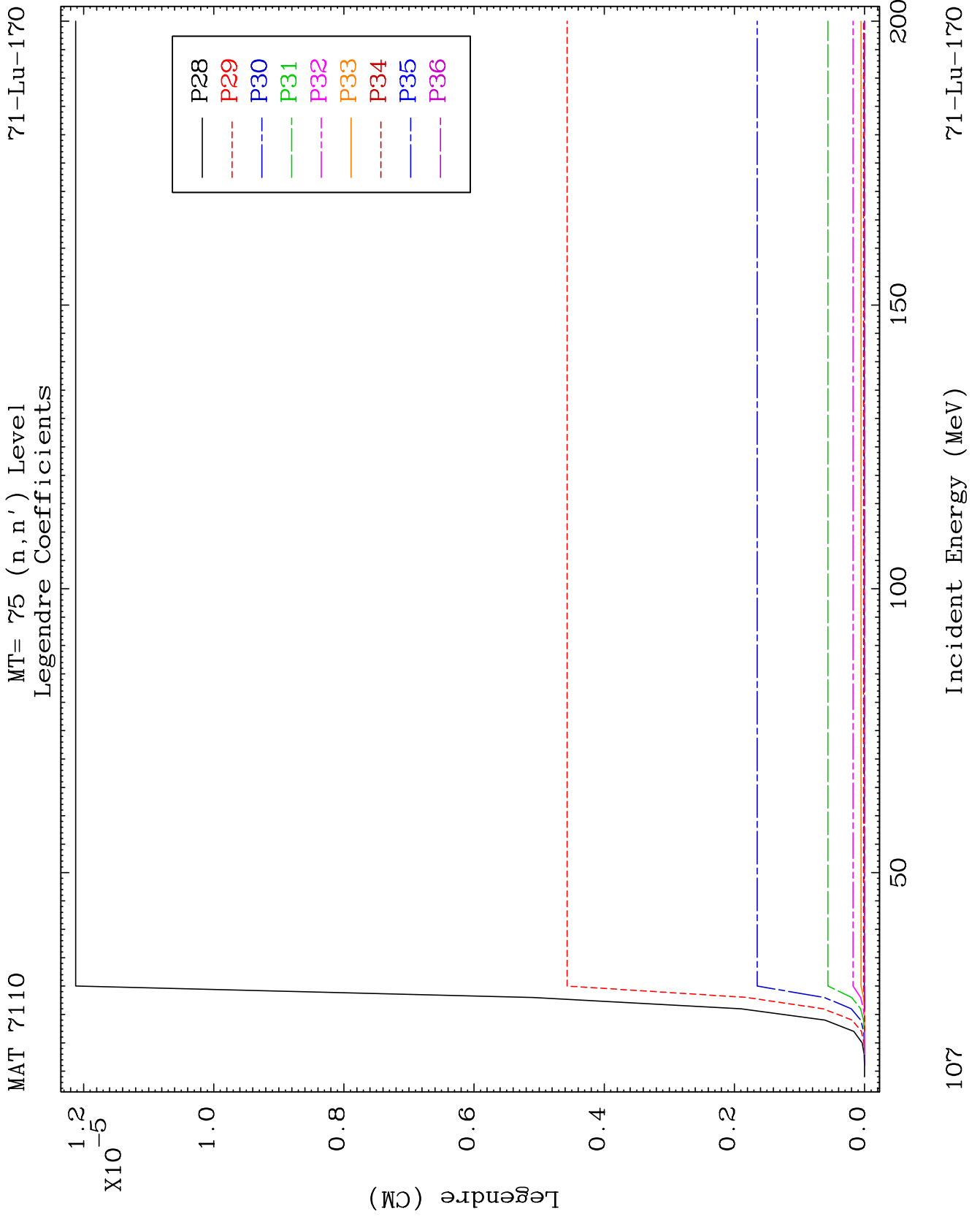




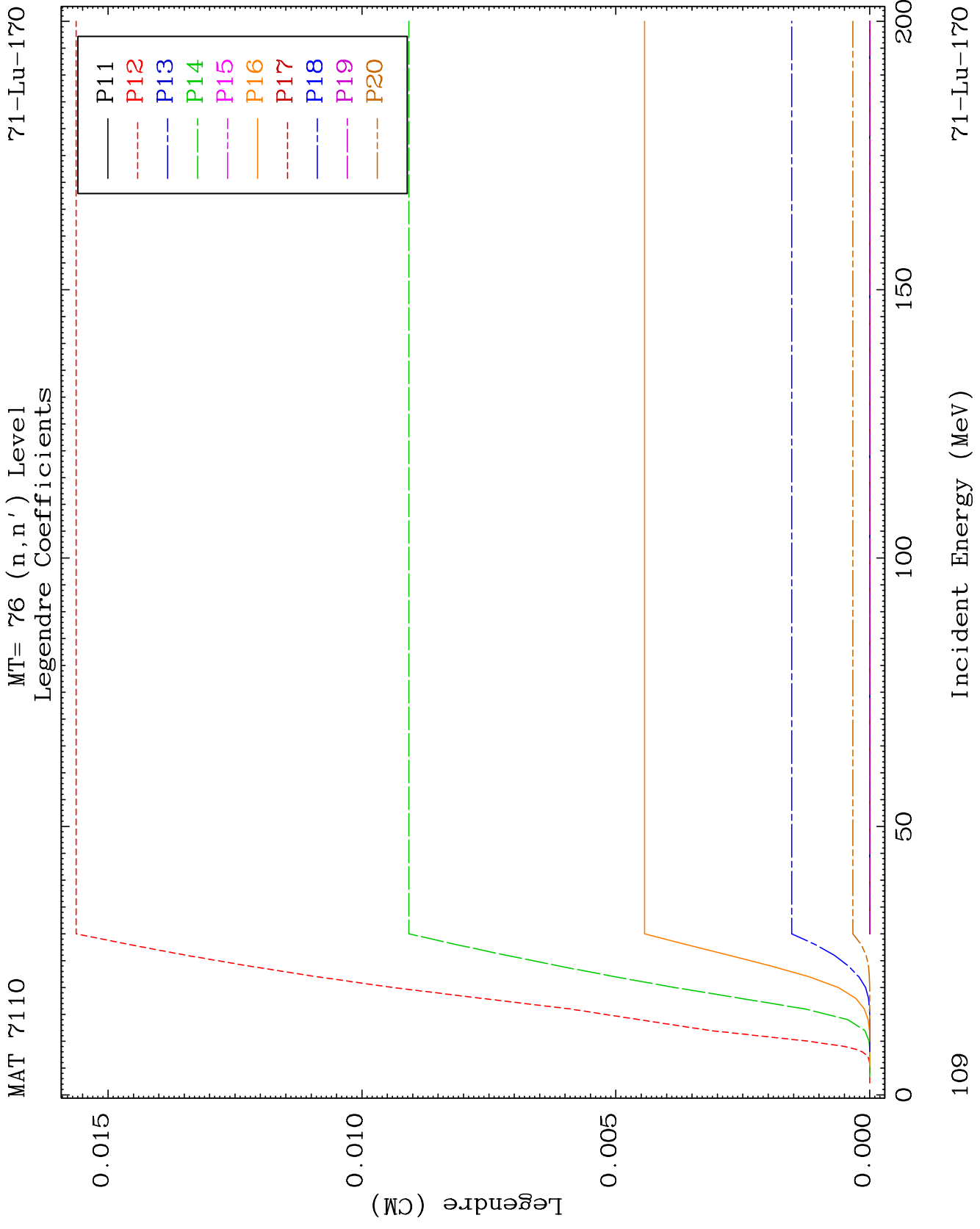


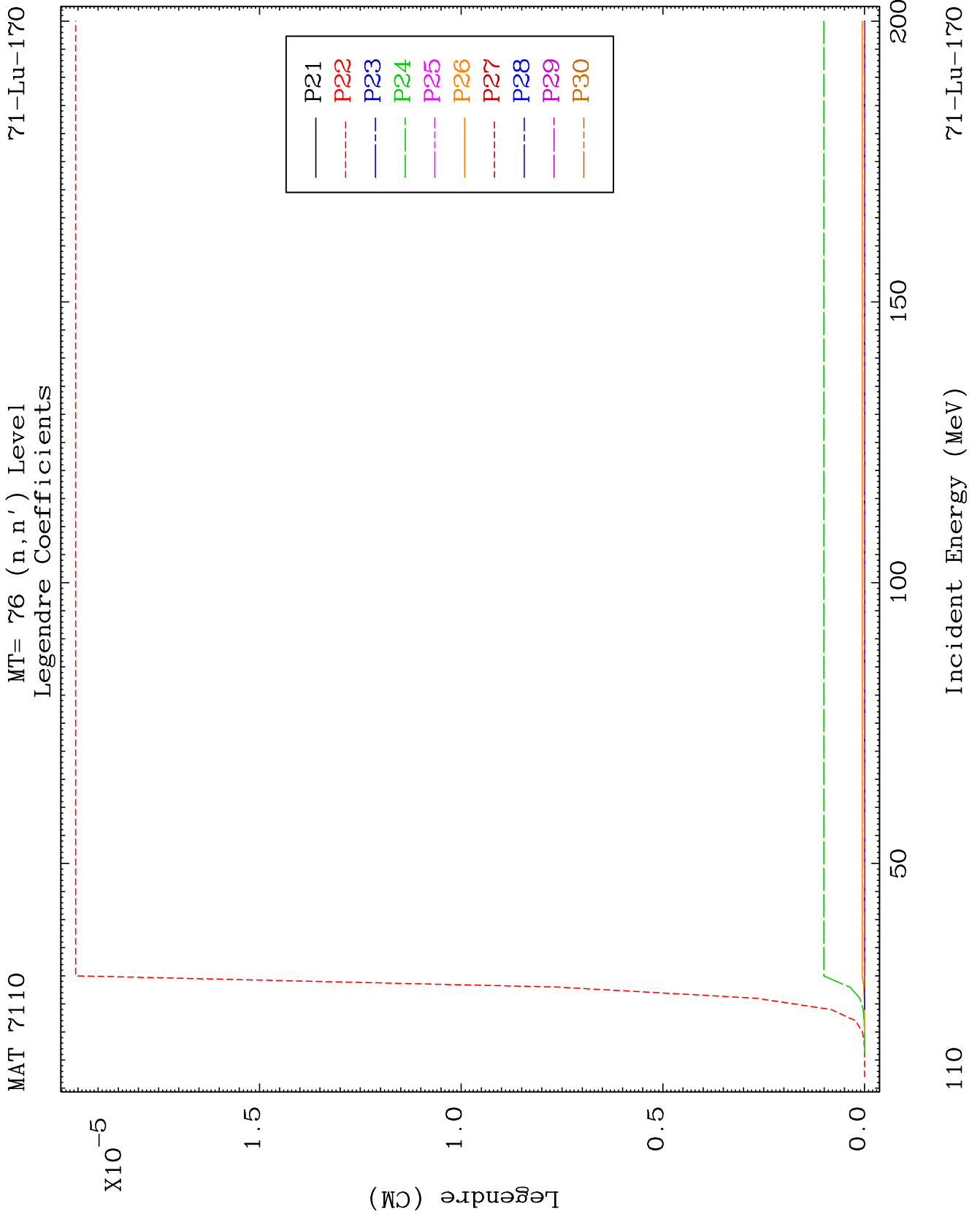




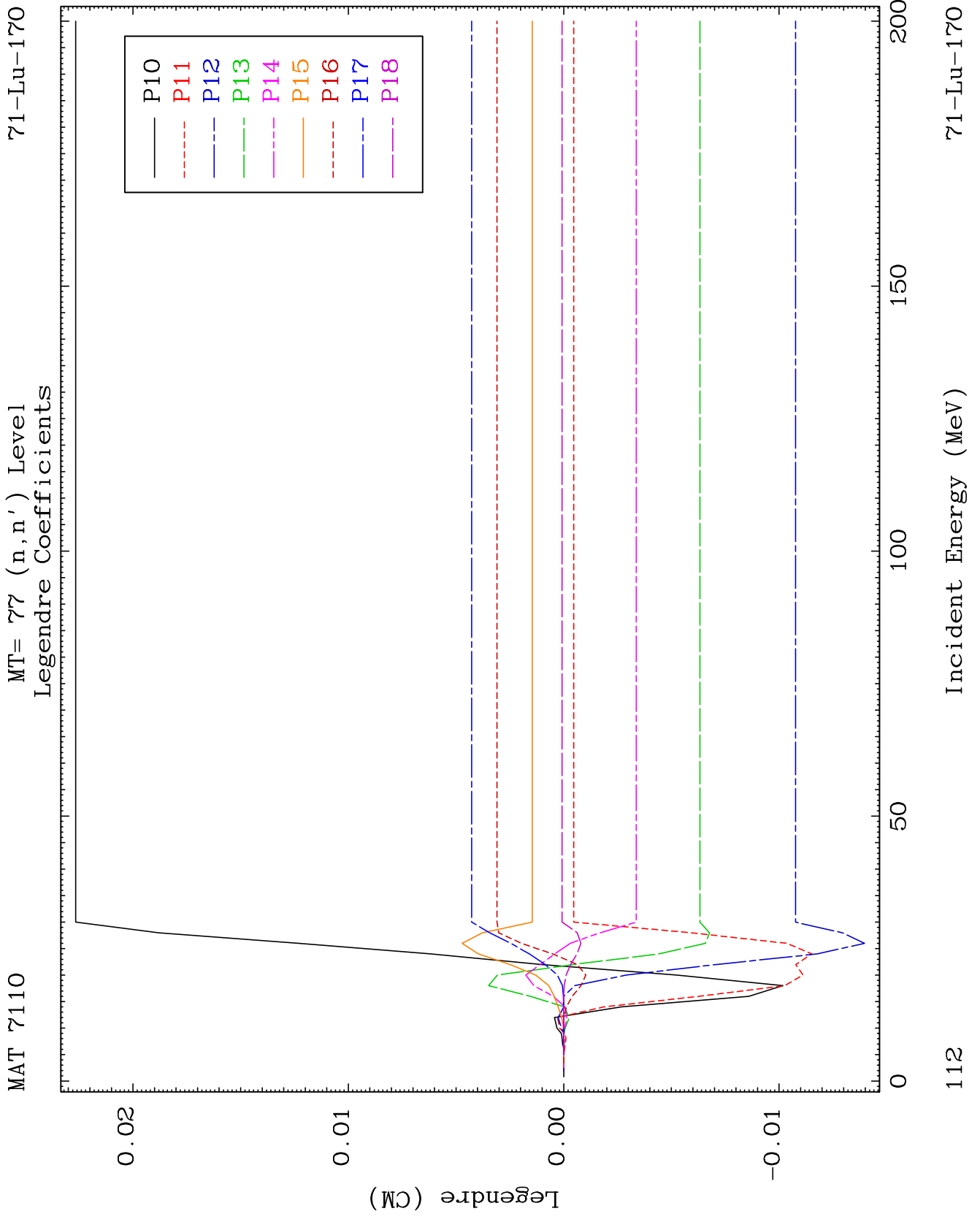








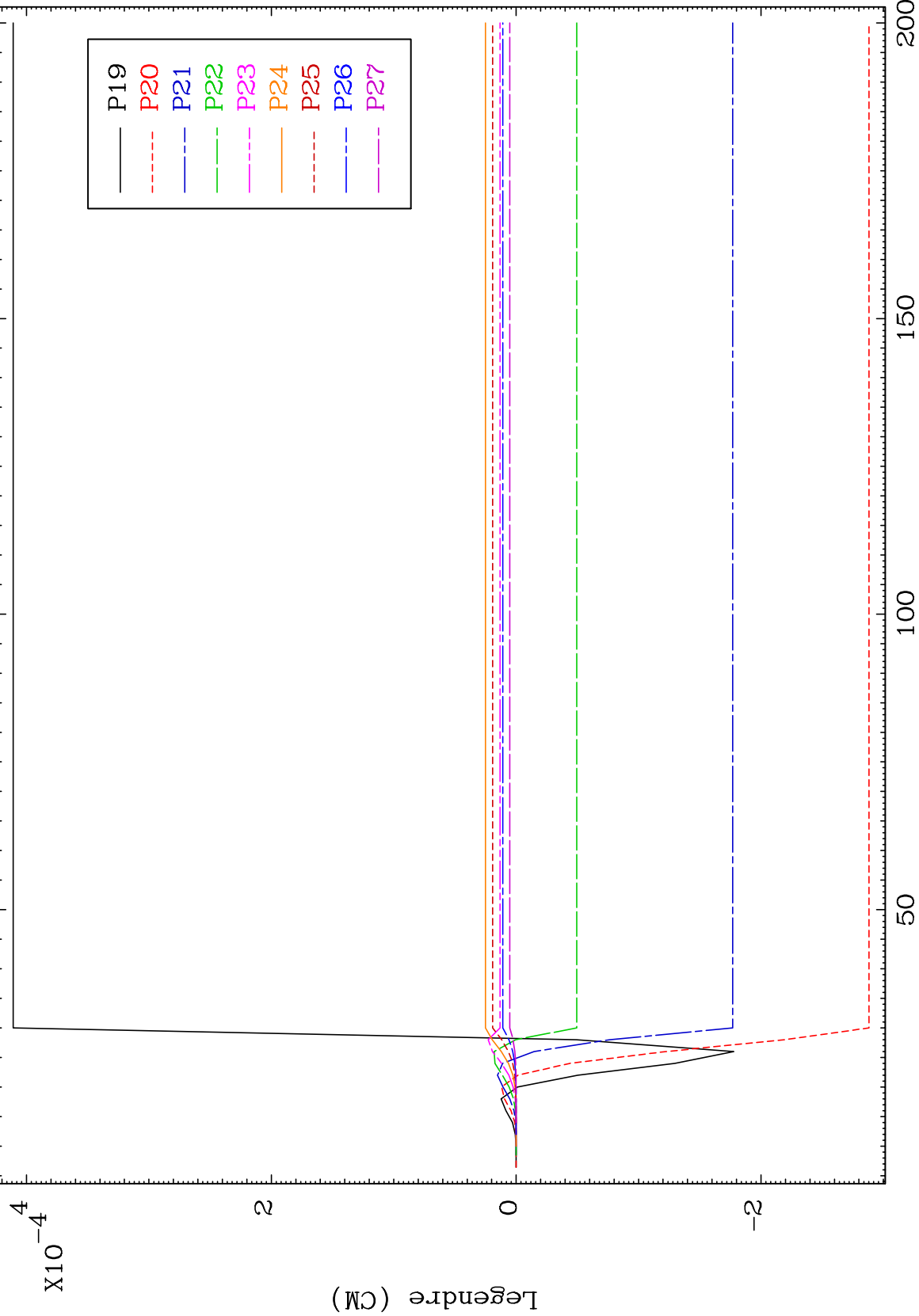




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MT= 77 (n,n') Level  
Legendre Coefficients

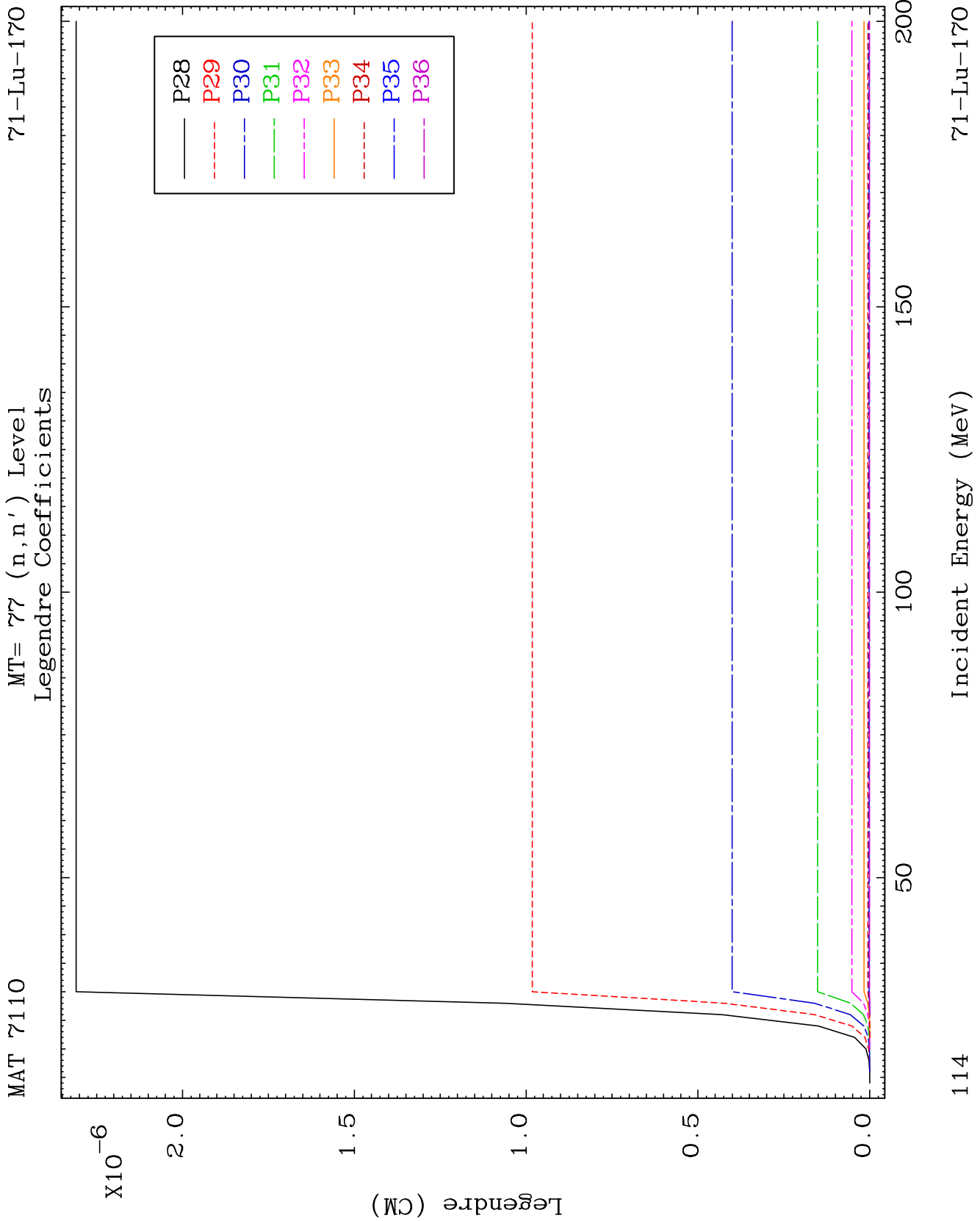
71-Lu-170

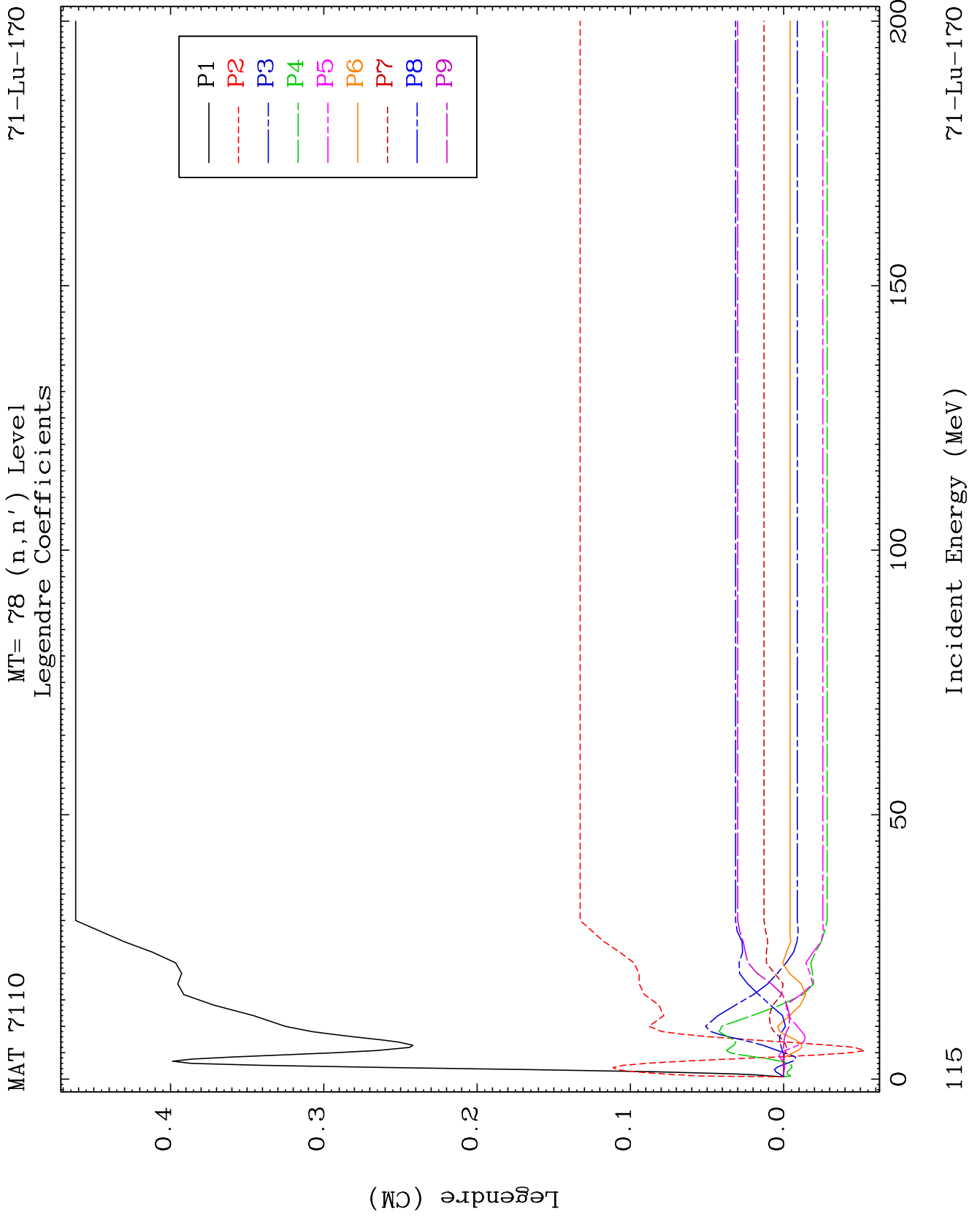


113

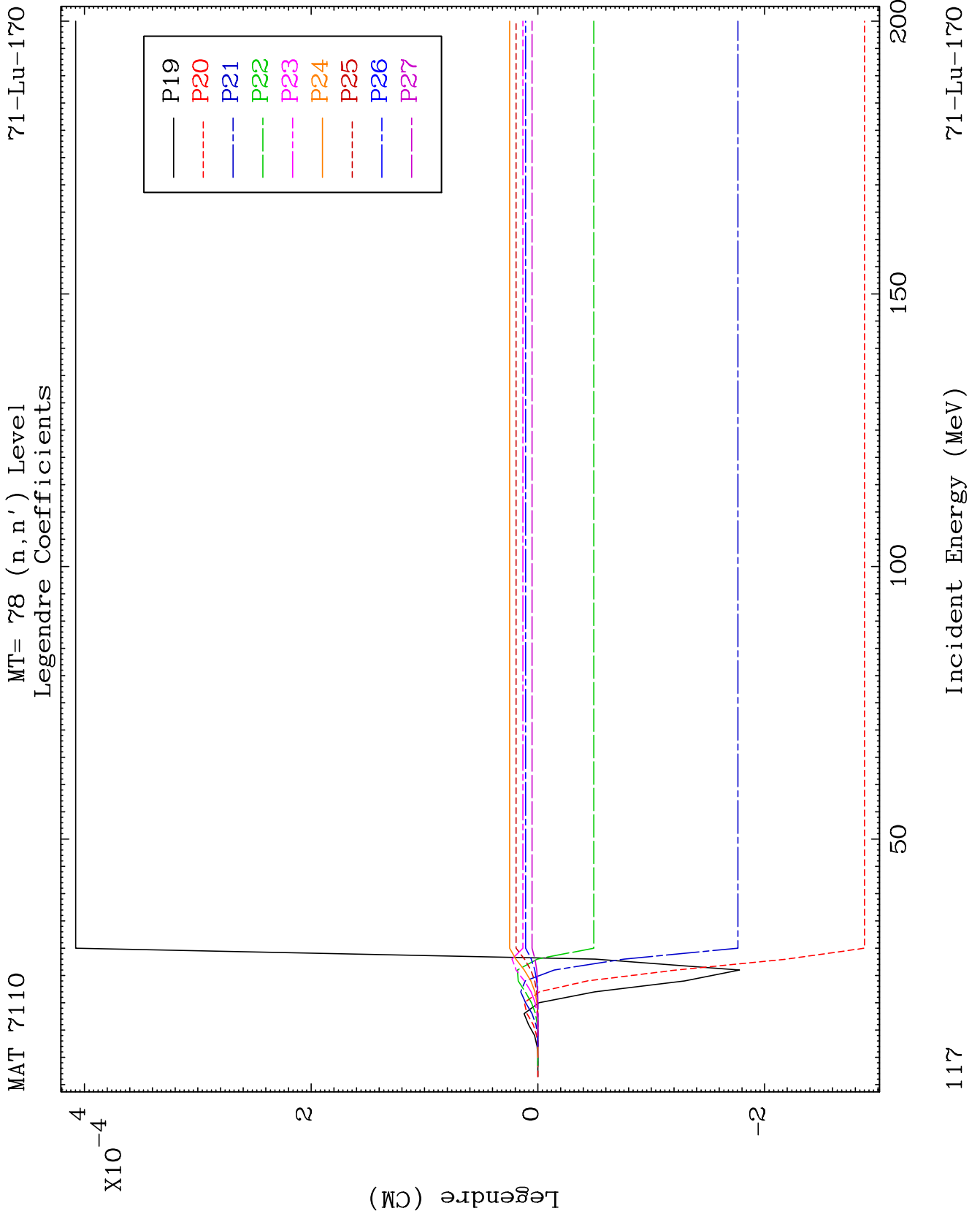
Incident Energy (MeV)

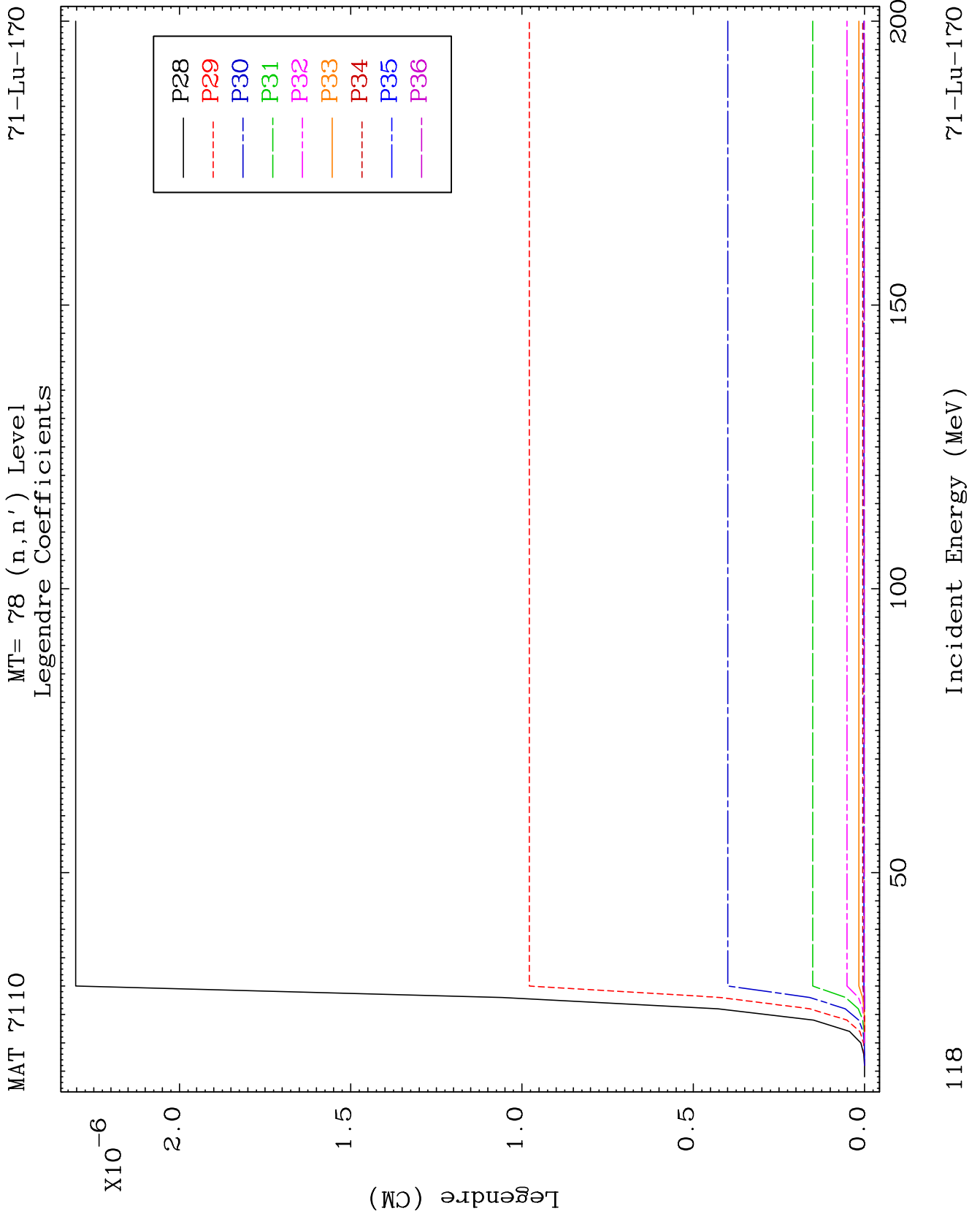
71-Lu-170

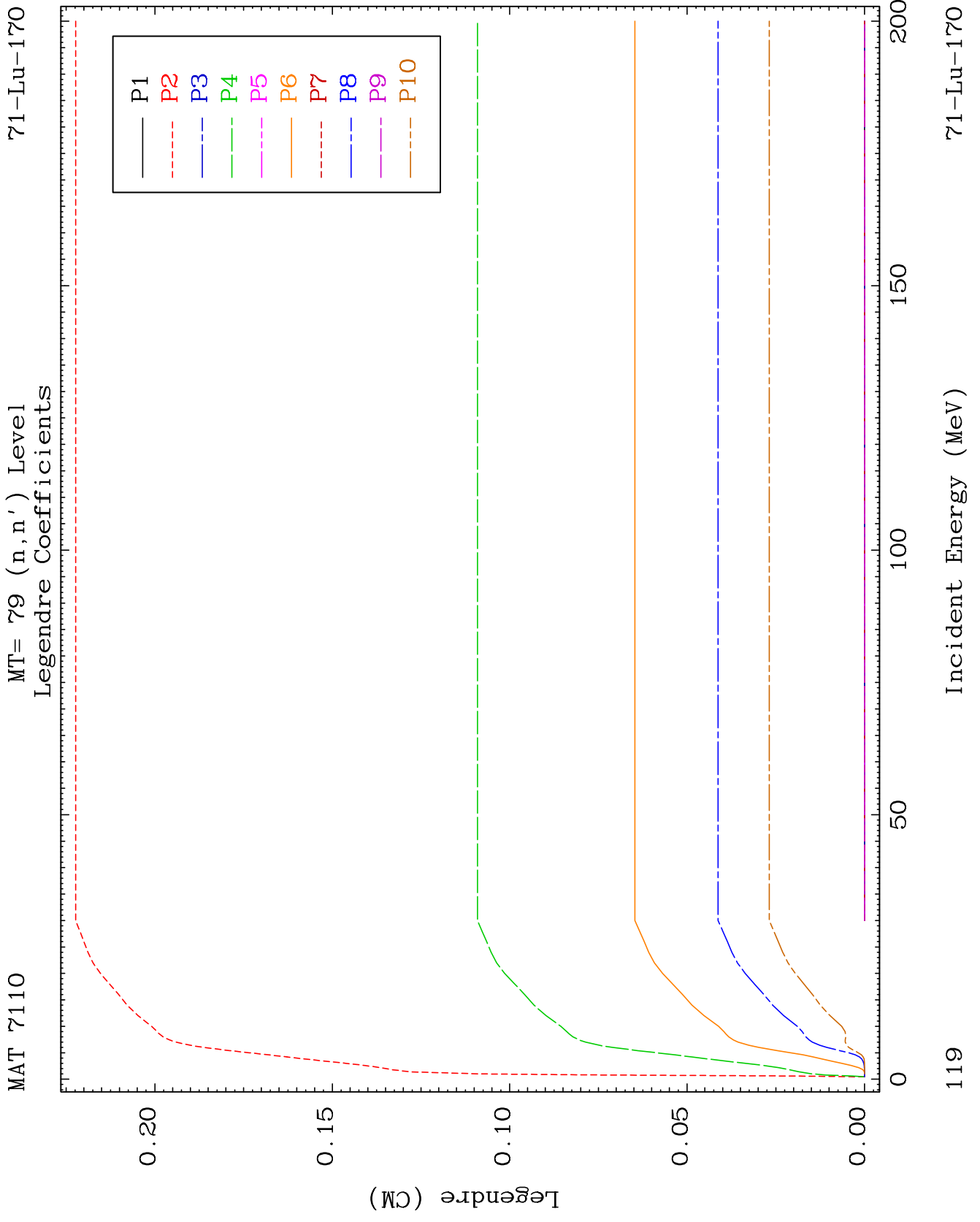


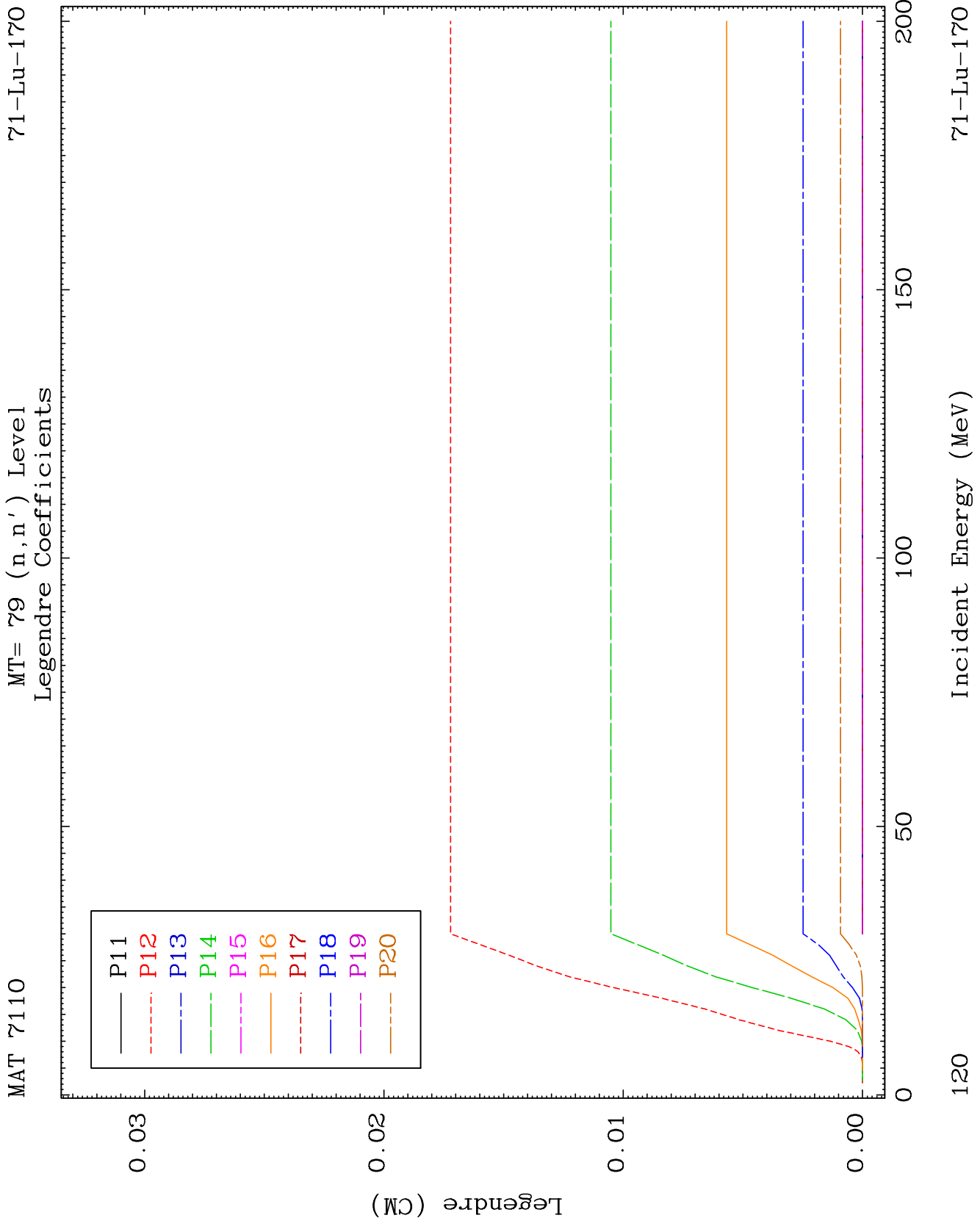


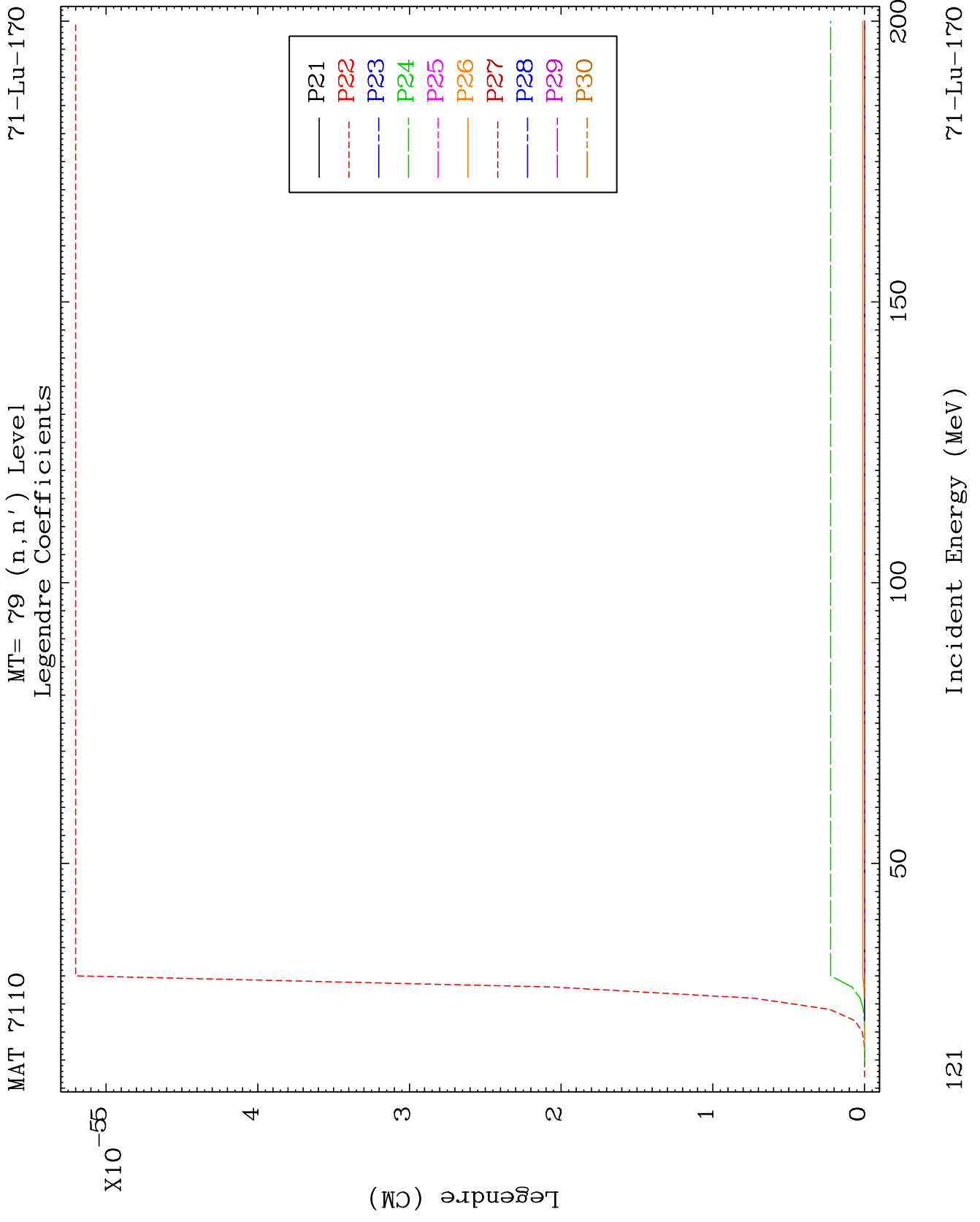


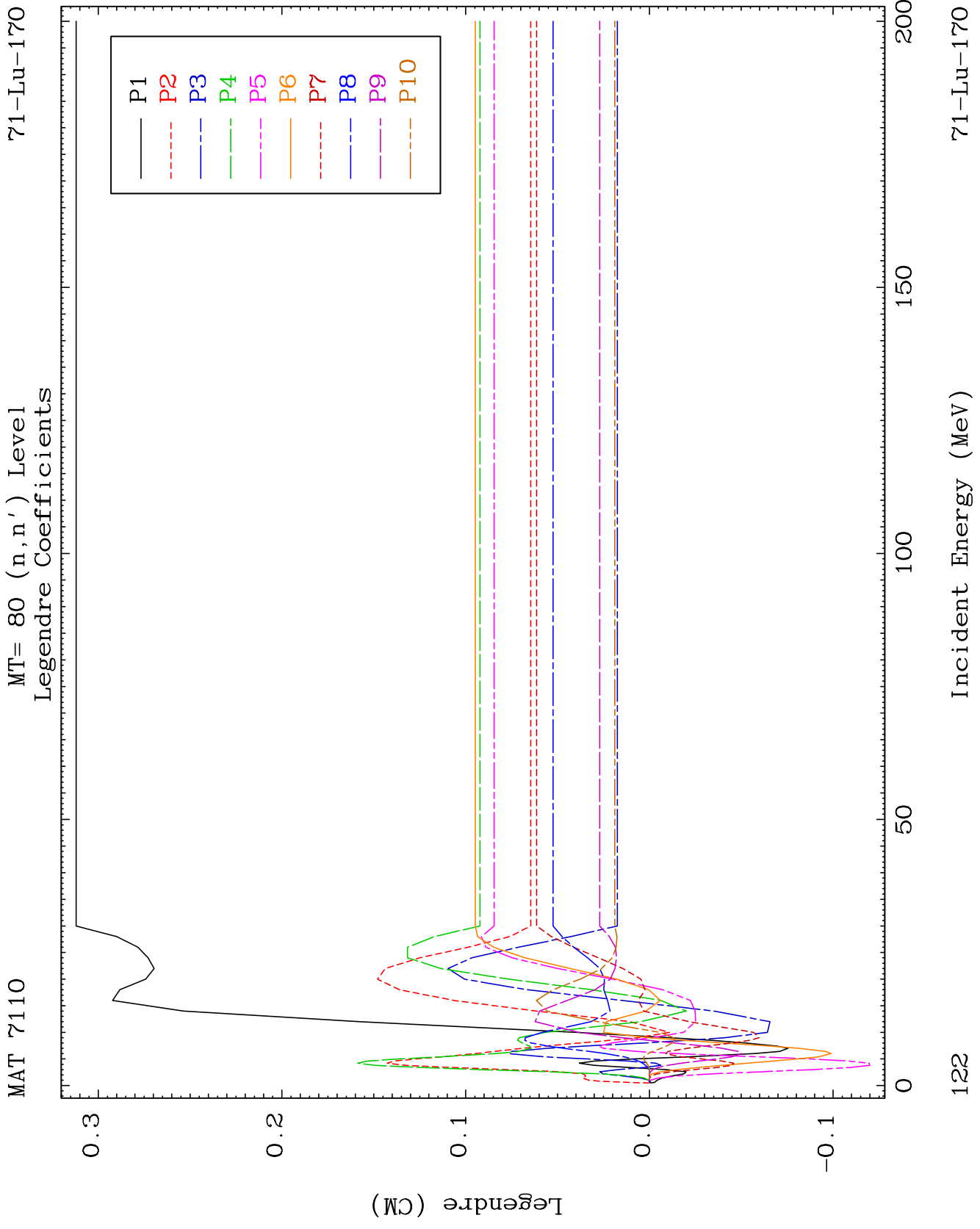




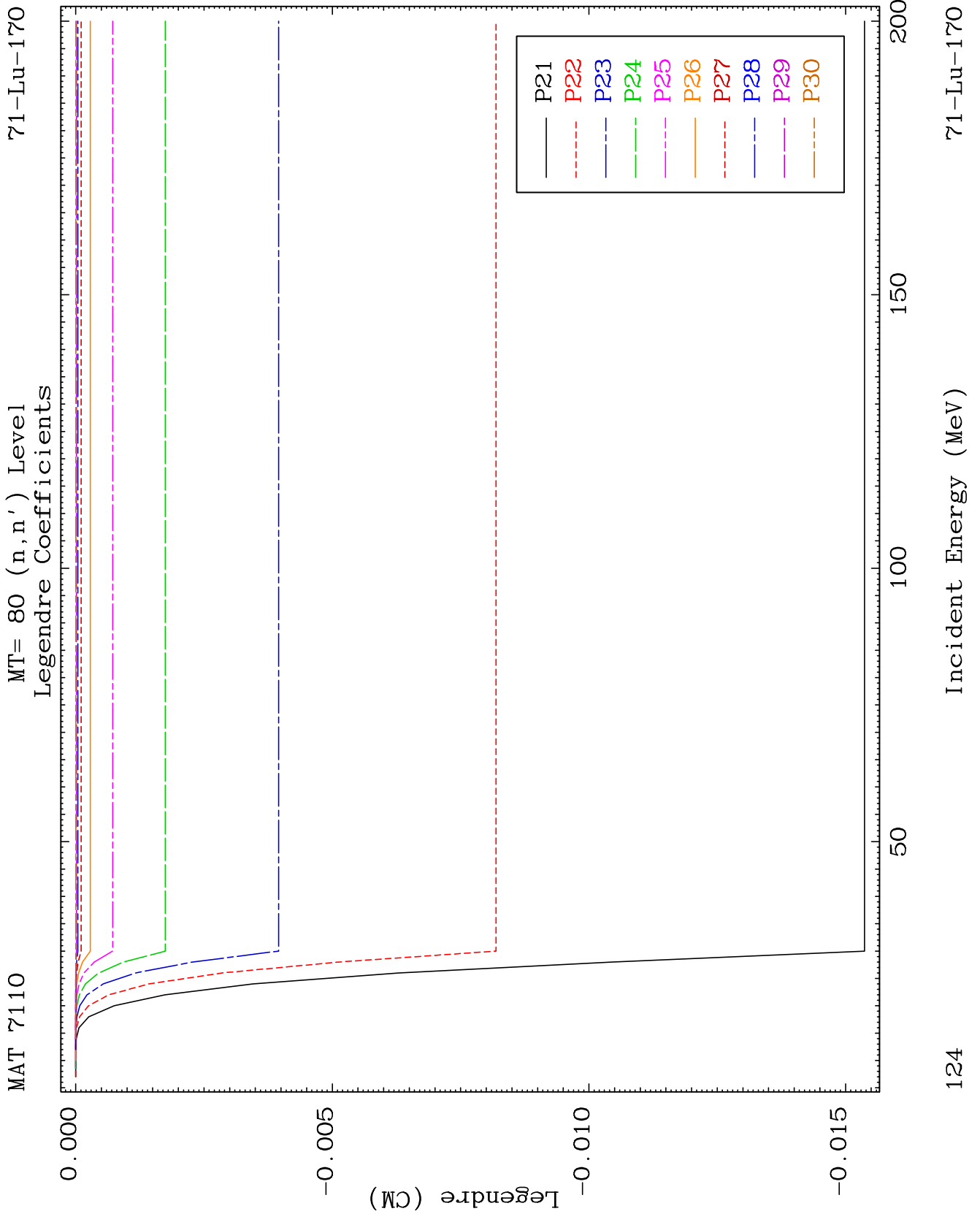


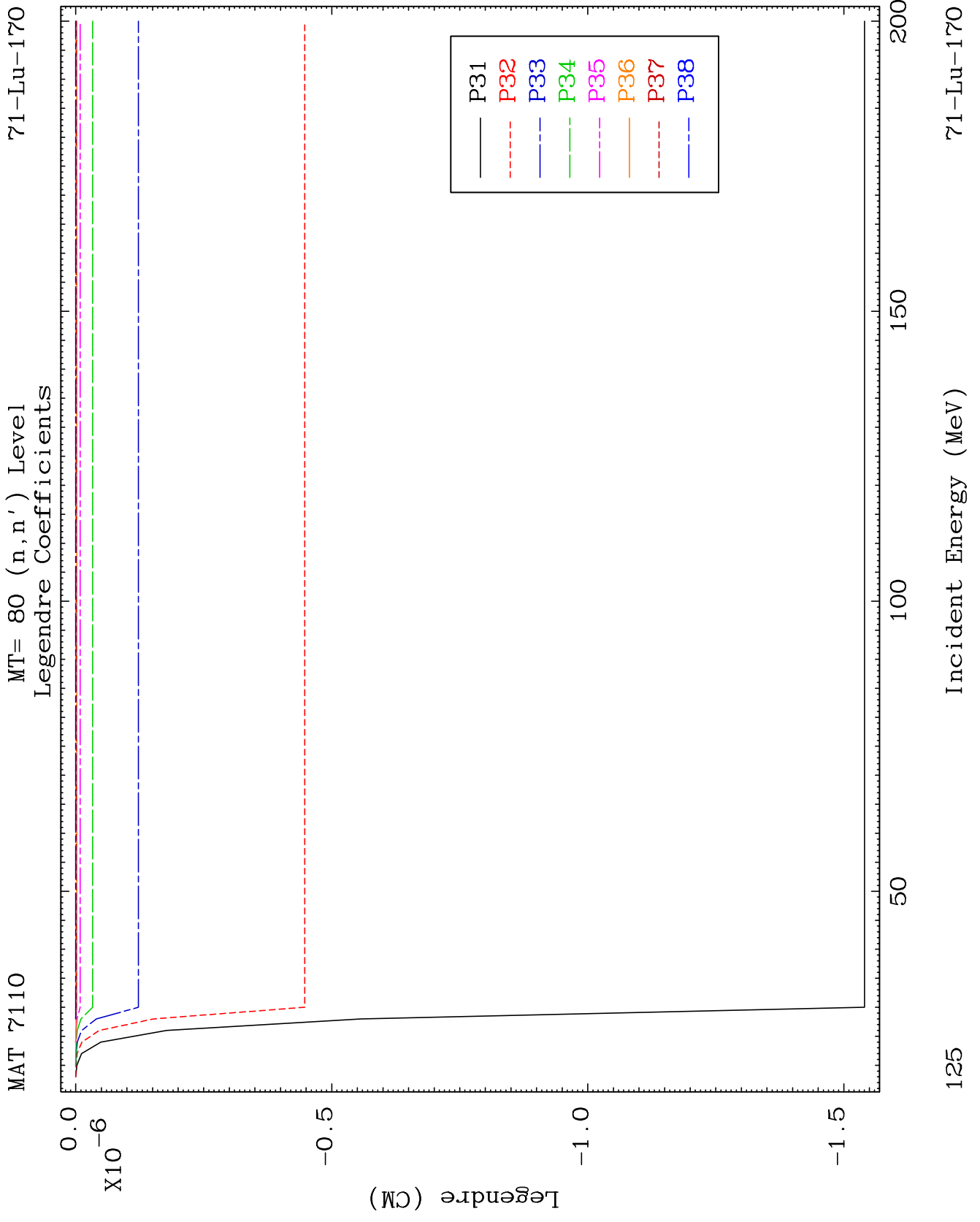








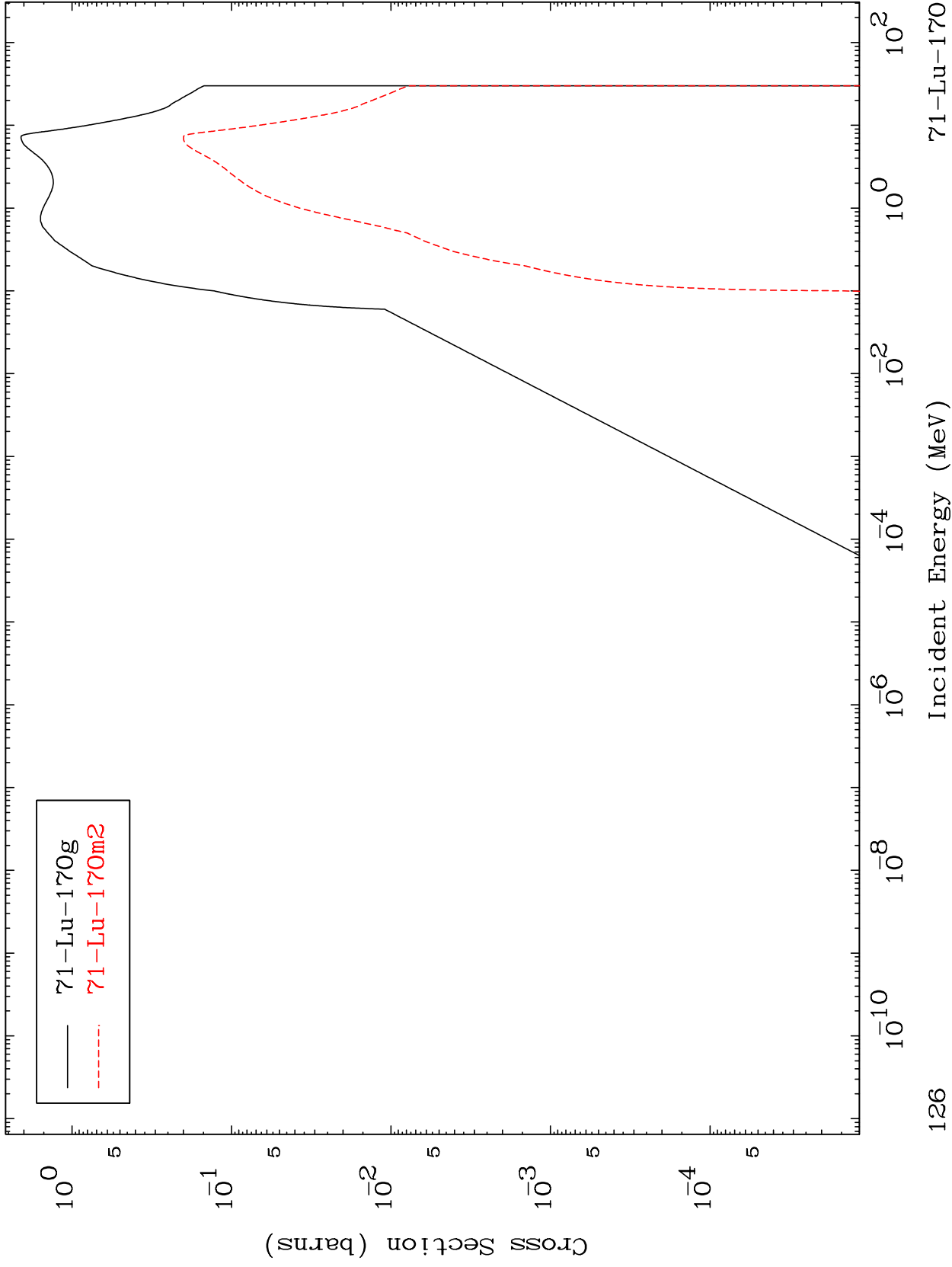




MAT 7110

Inelastic  
Radionuclide Production Cross Section

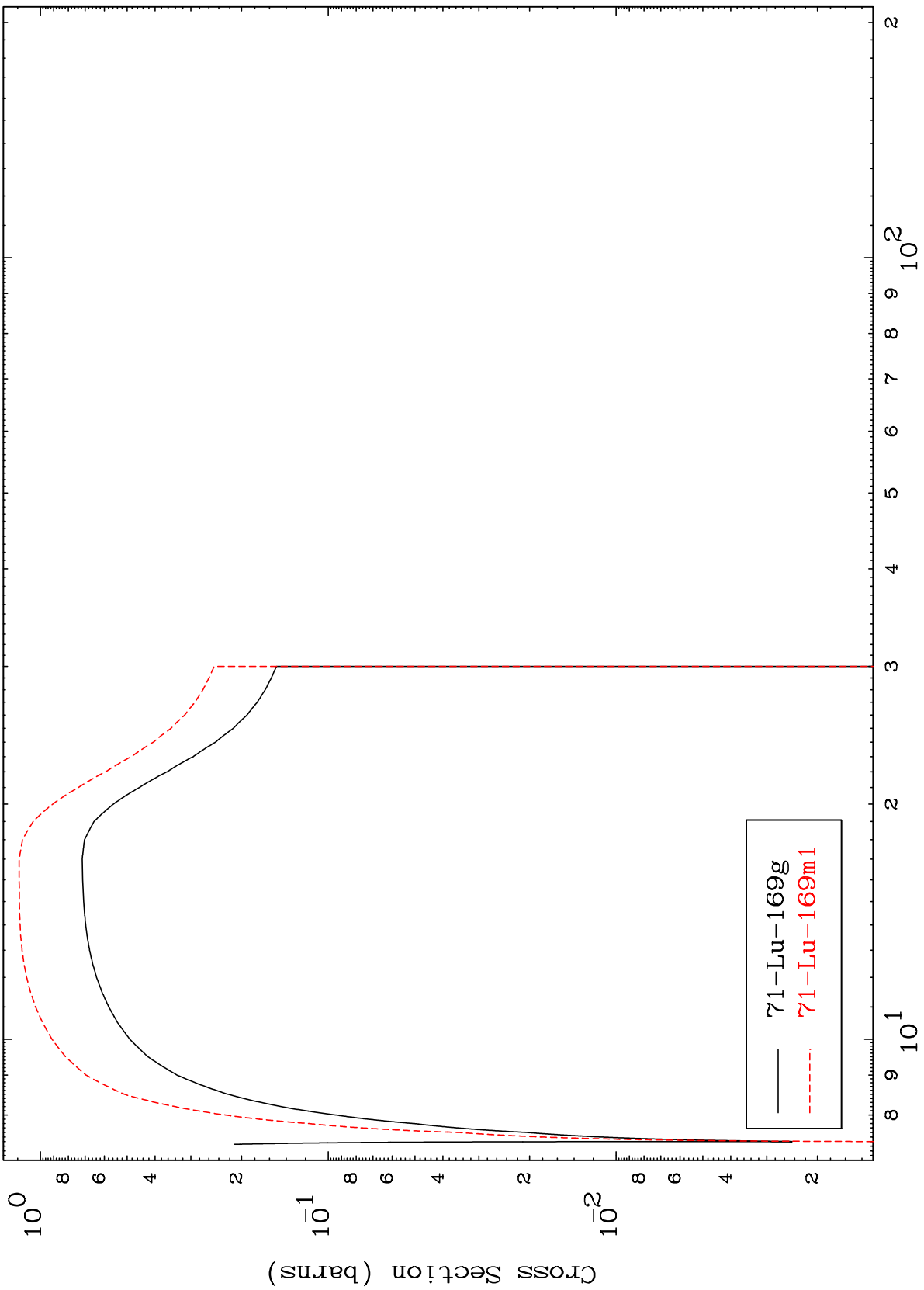
<sup>71</sup>Lu-170



MAT 7110

71-Lu-170

(n,2n)  
Radionuclide Production Cross Section



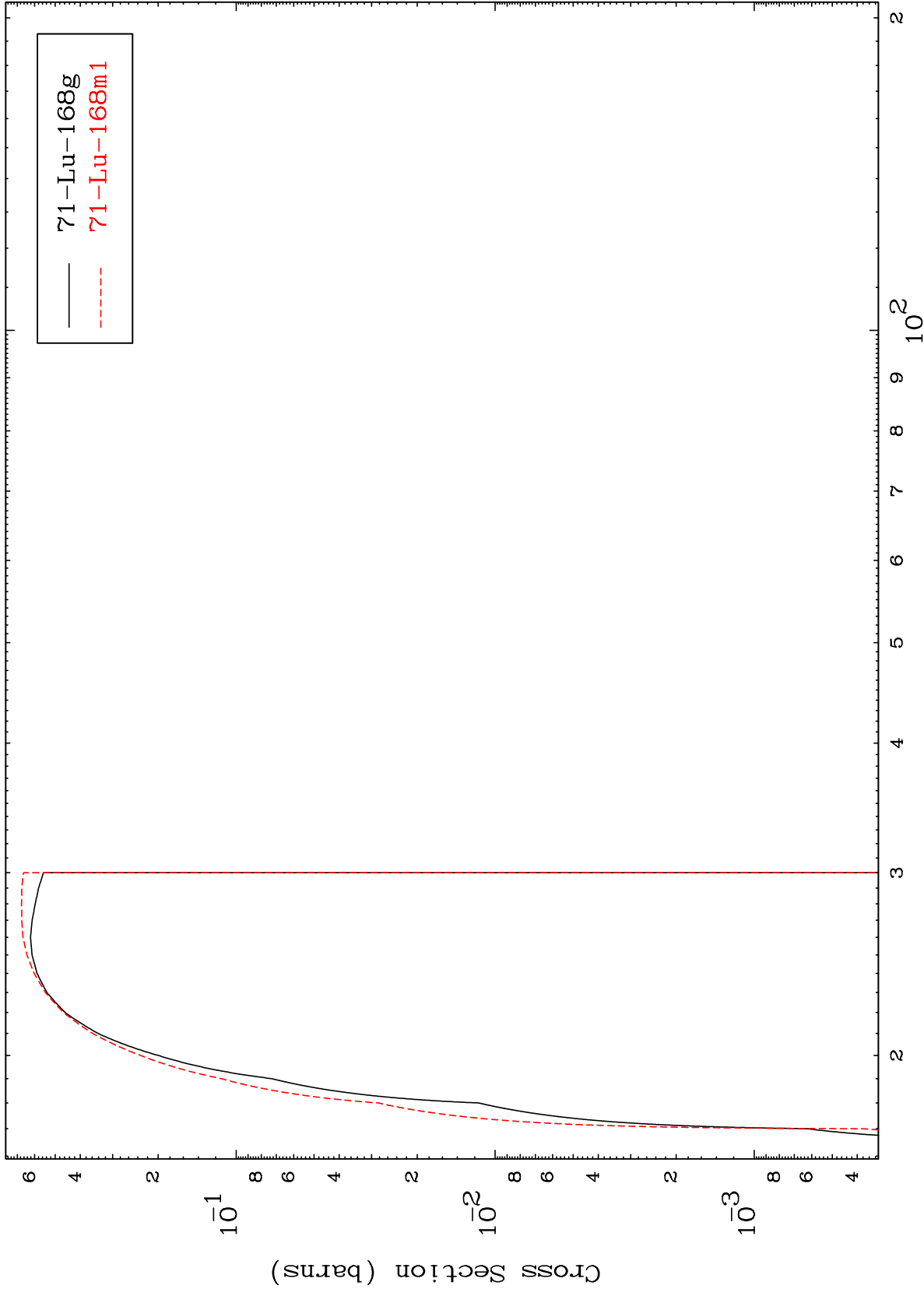
71-Lu-169g  
71-Lu-169m1

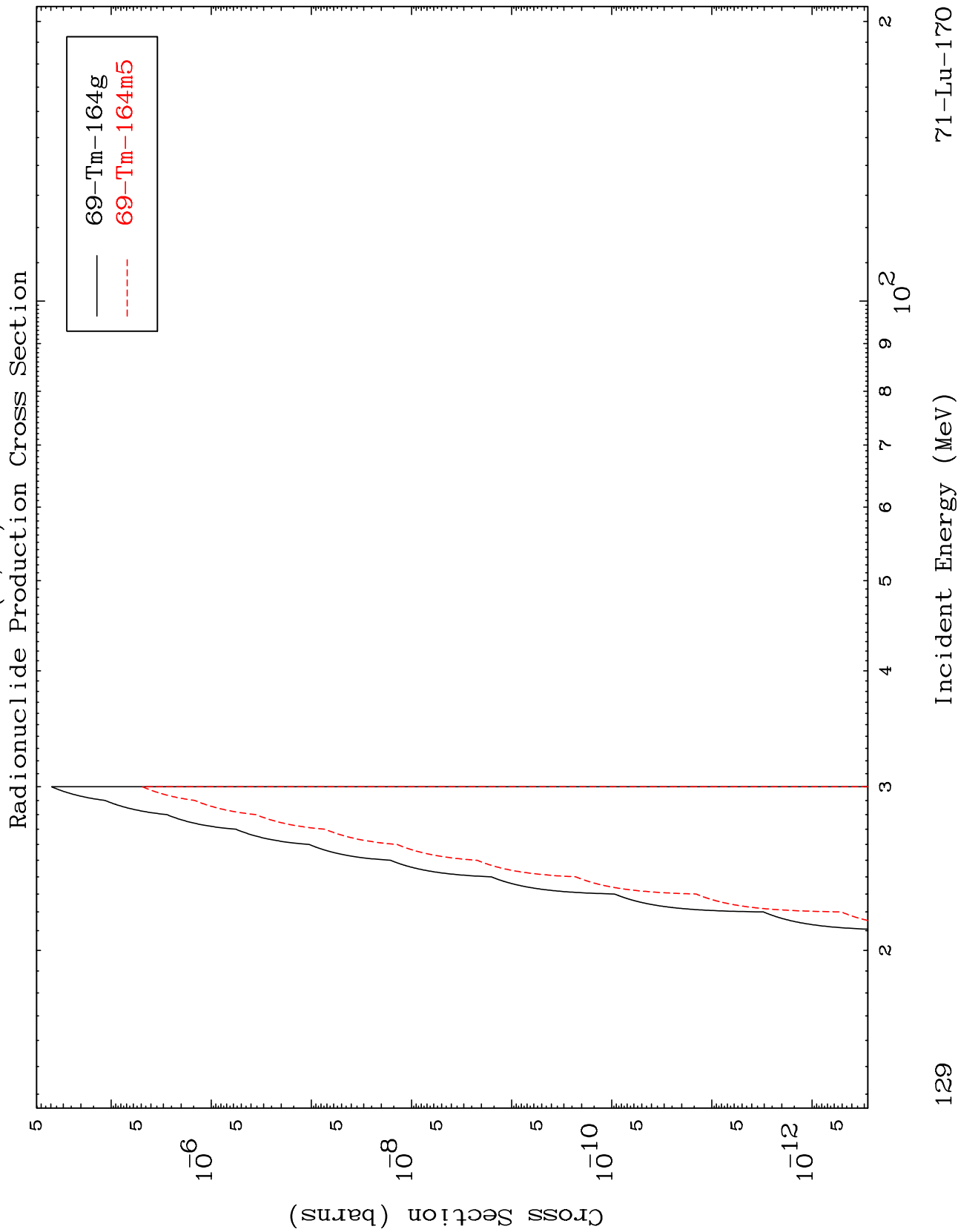
Incident Energy (MeV)

71-Lu-170

127

Radionuclide Production Cross Section



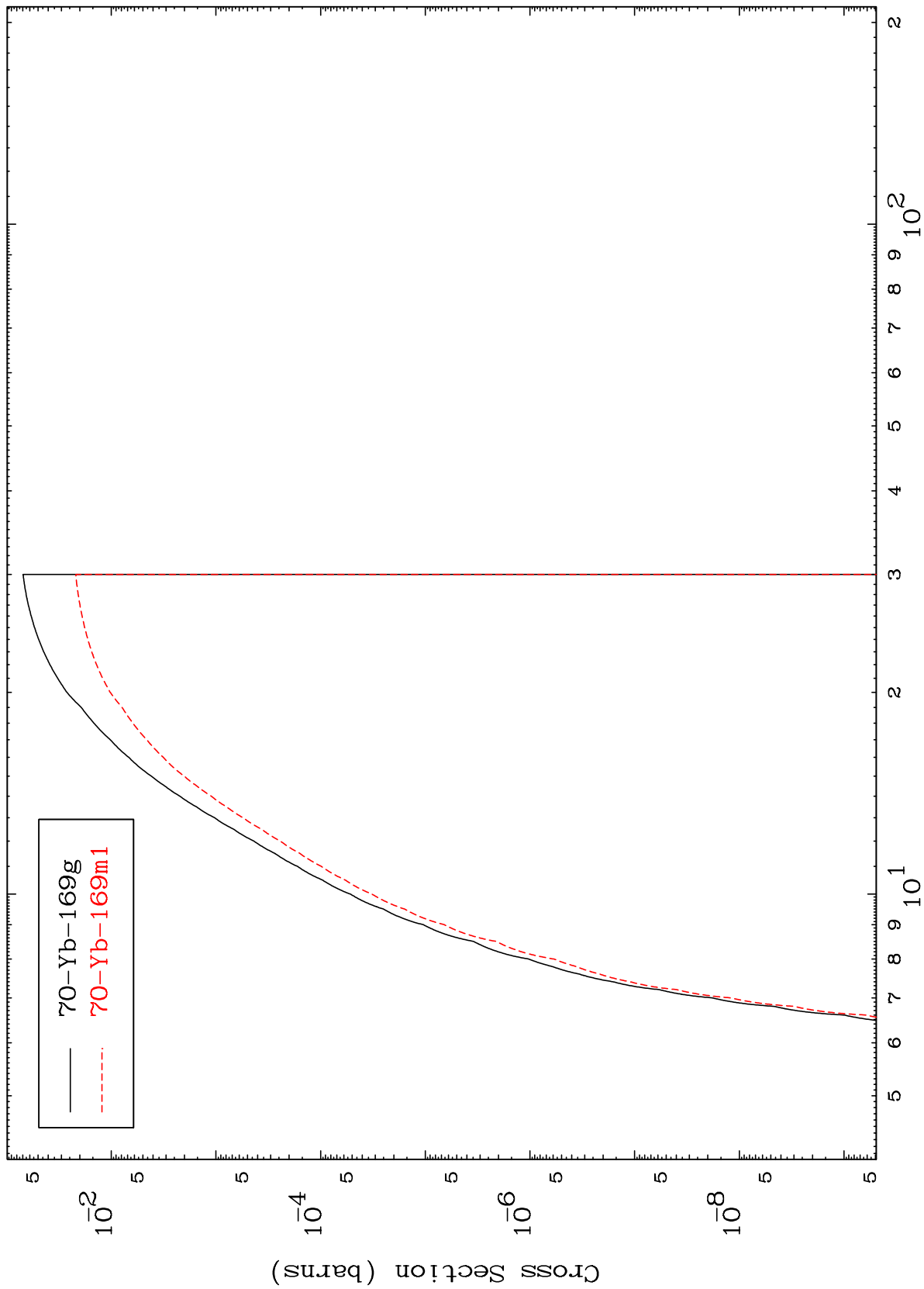


MAT 7110

(n,n') p

71-Lu-170

Radionuclide Production Cross Section



130

Incident Energy (MeV)

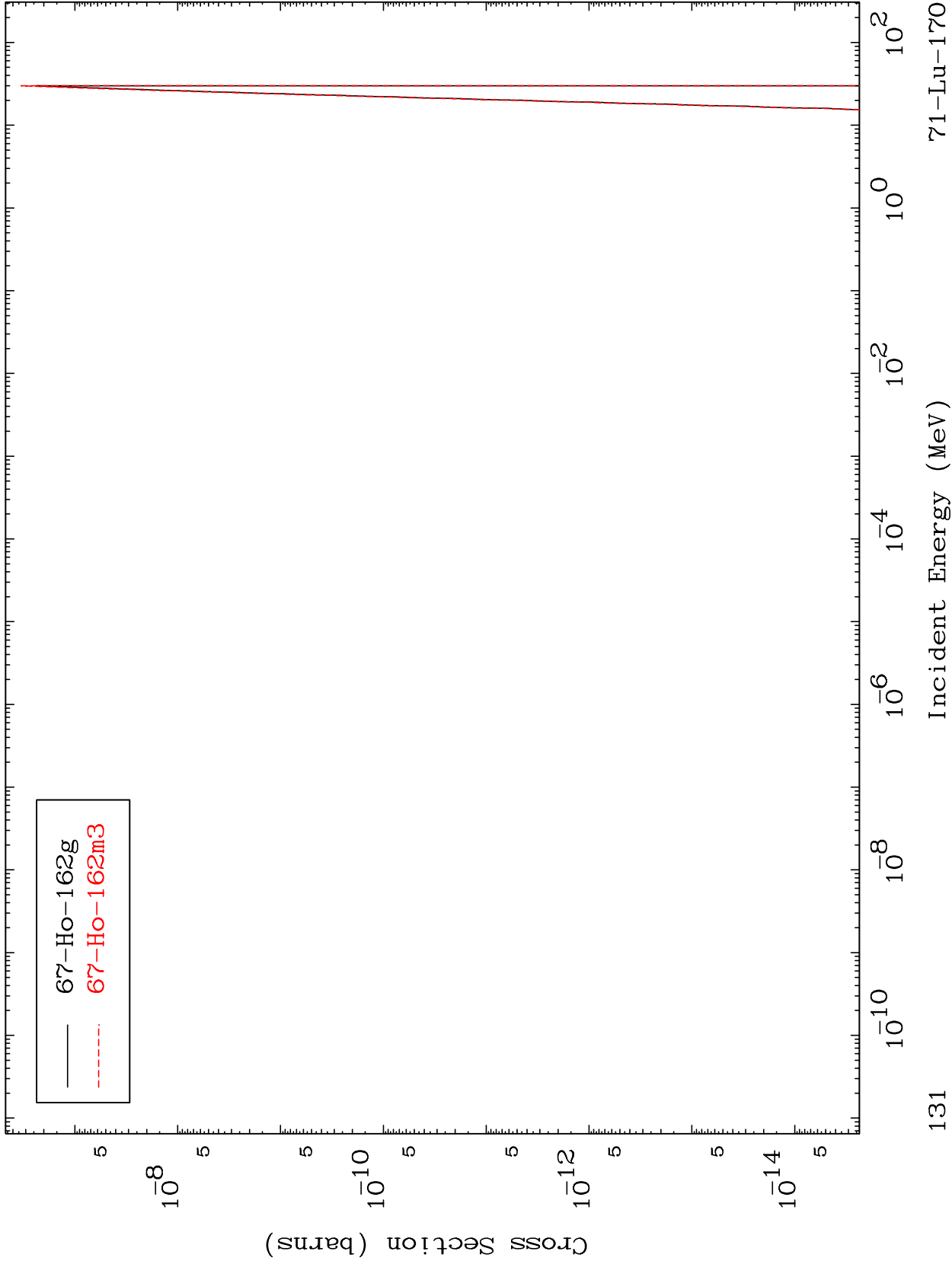
71-Lu-170

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(n,n') 2α

71-Lu-170

Radionuclide Production Cross Section

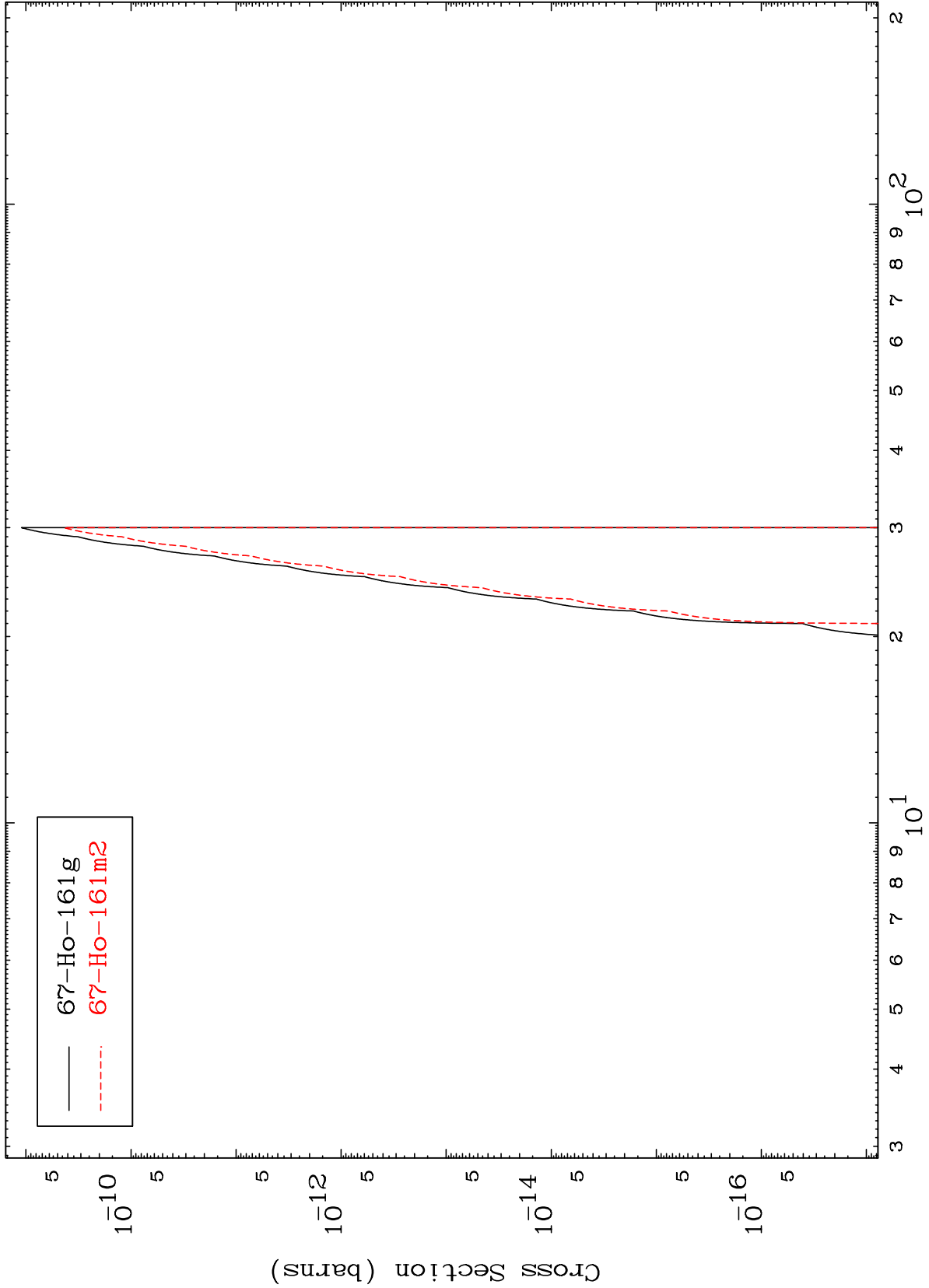


MAT 7110

$^{67}\text{Lu}$

$^{170}\text{Lu}$

Radionuclide Production Cross Section

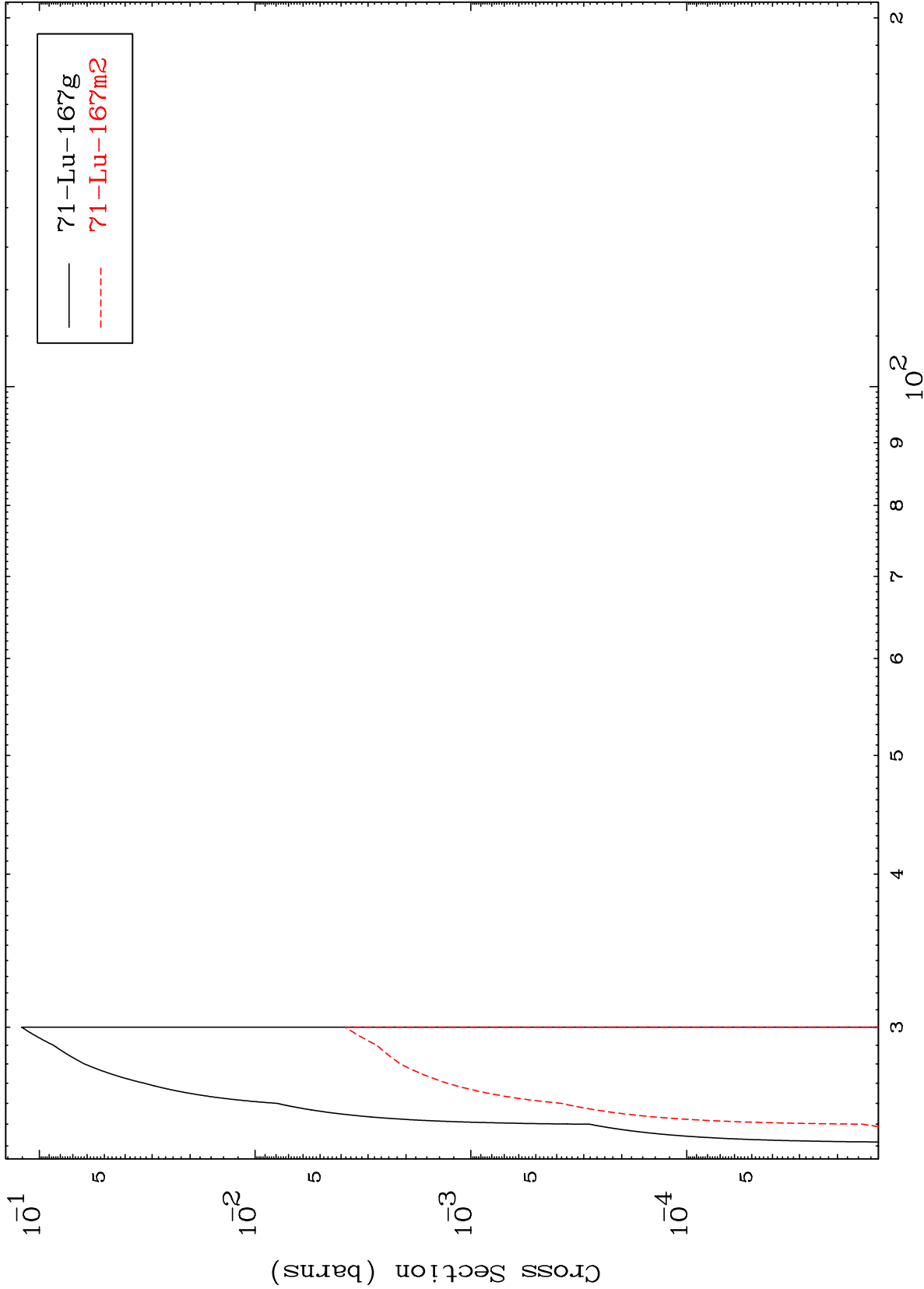


132

Incident Energy (MeV)

$^{170}\text{Lu}$

(n,4n)  
Radionuclide Production Cross Section

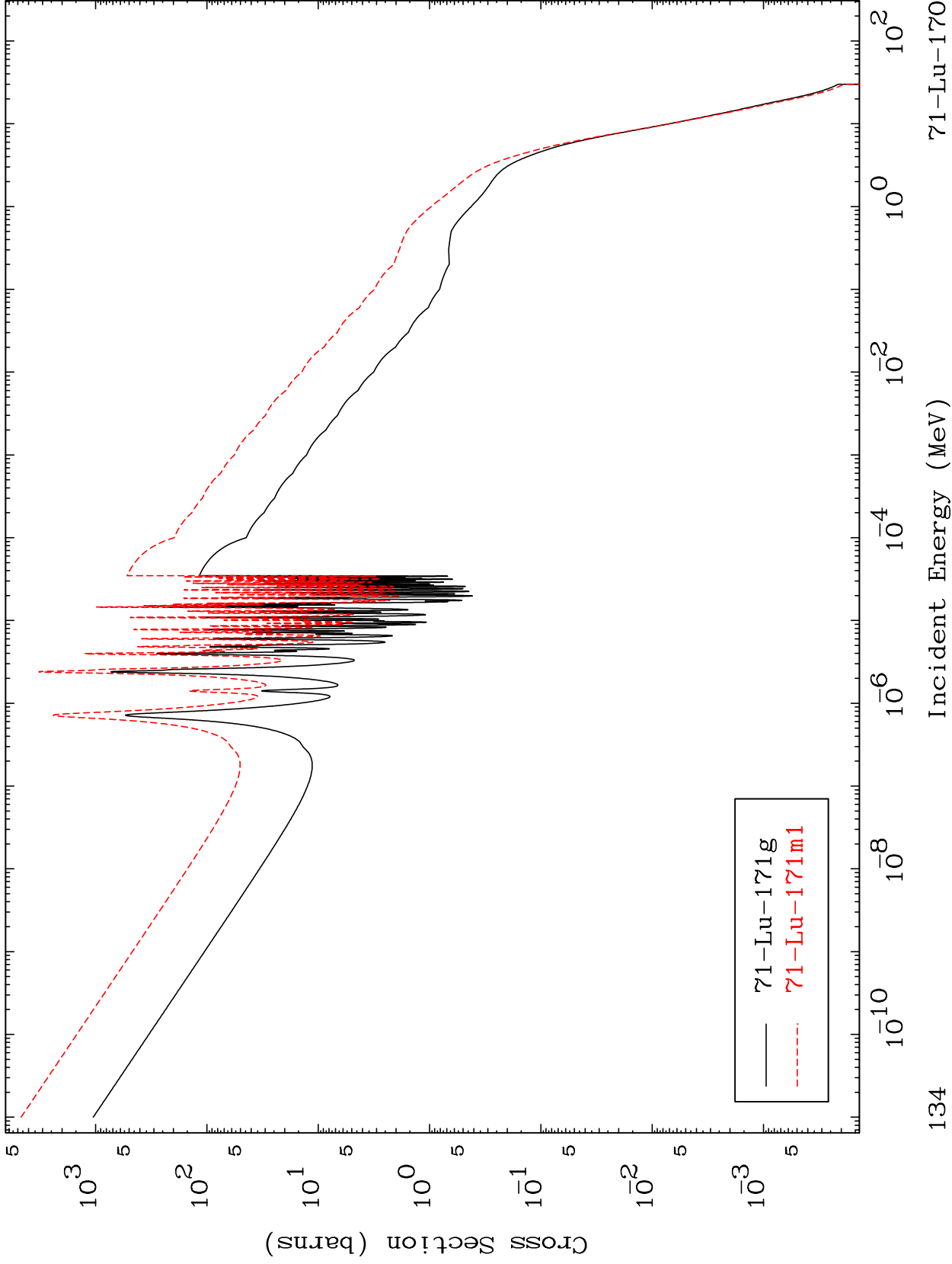


MAT 7110

<sup>71</sup>Lu-170

Radionuclide Production Cross Section

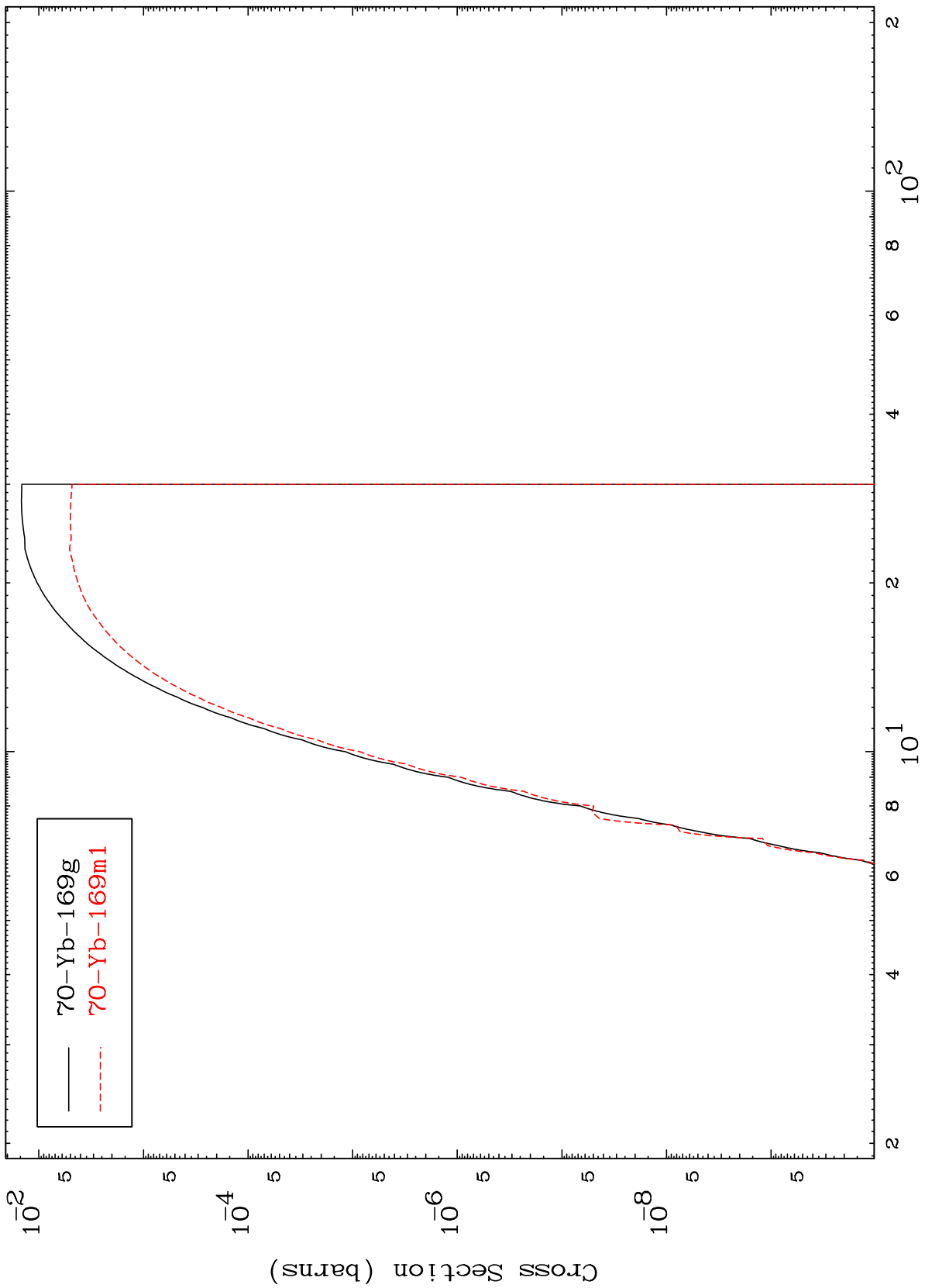
(n,γ)



MAT 7110

<sup>71</sup>Lu-170

Radionuclide Production Cross Section



135

Incident Energy (MeV)

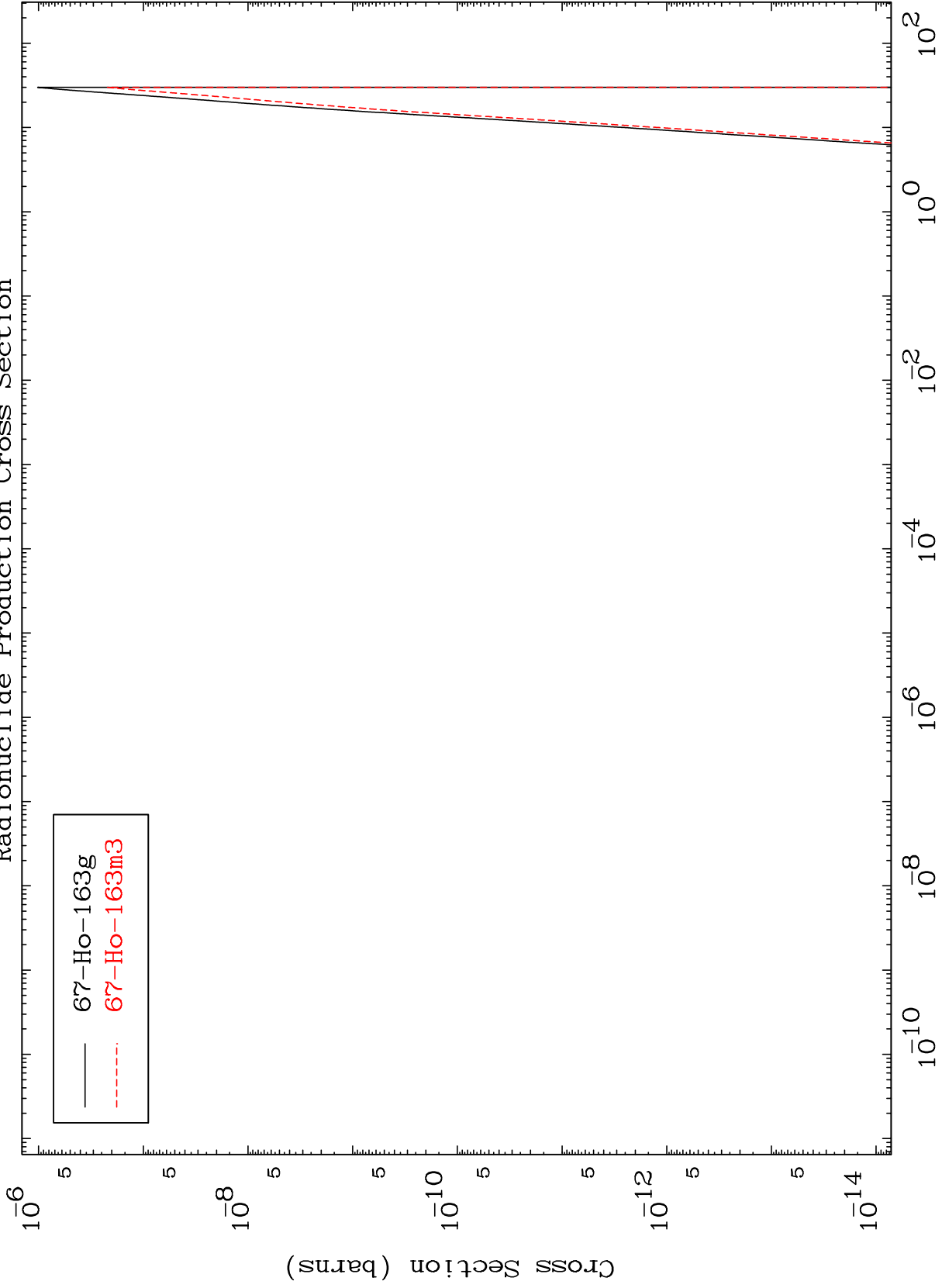
<sup>71</sup>Lu-170

MAT 7110

(n,2α)

71-Lu-170

Radionuclide Production Cross Section



67-Ho-163g  
67-Ho-163m3