

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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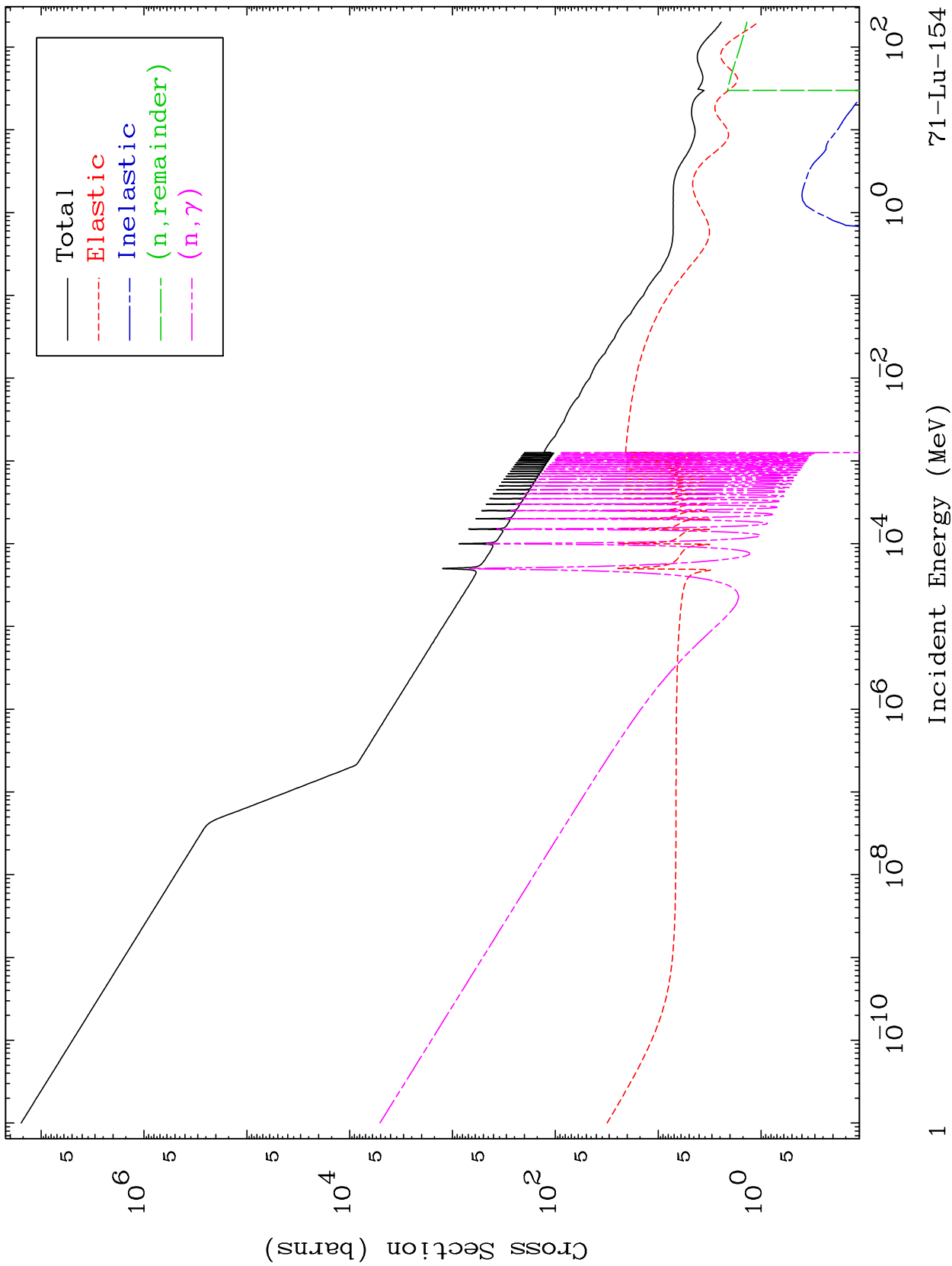
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7062

Major  
293 Kelvin Cross Sections

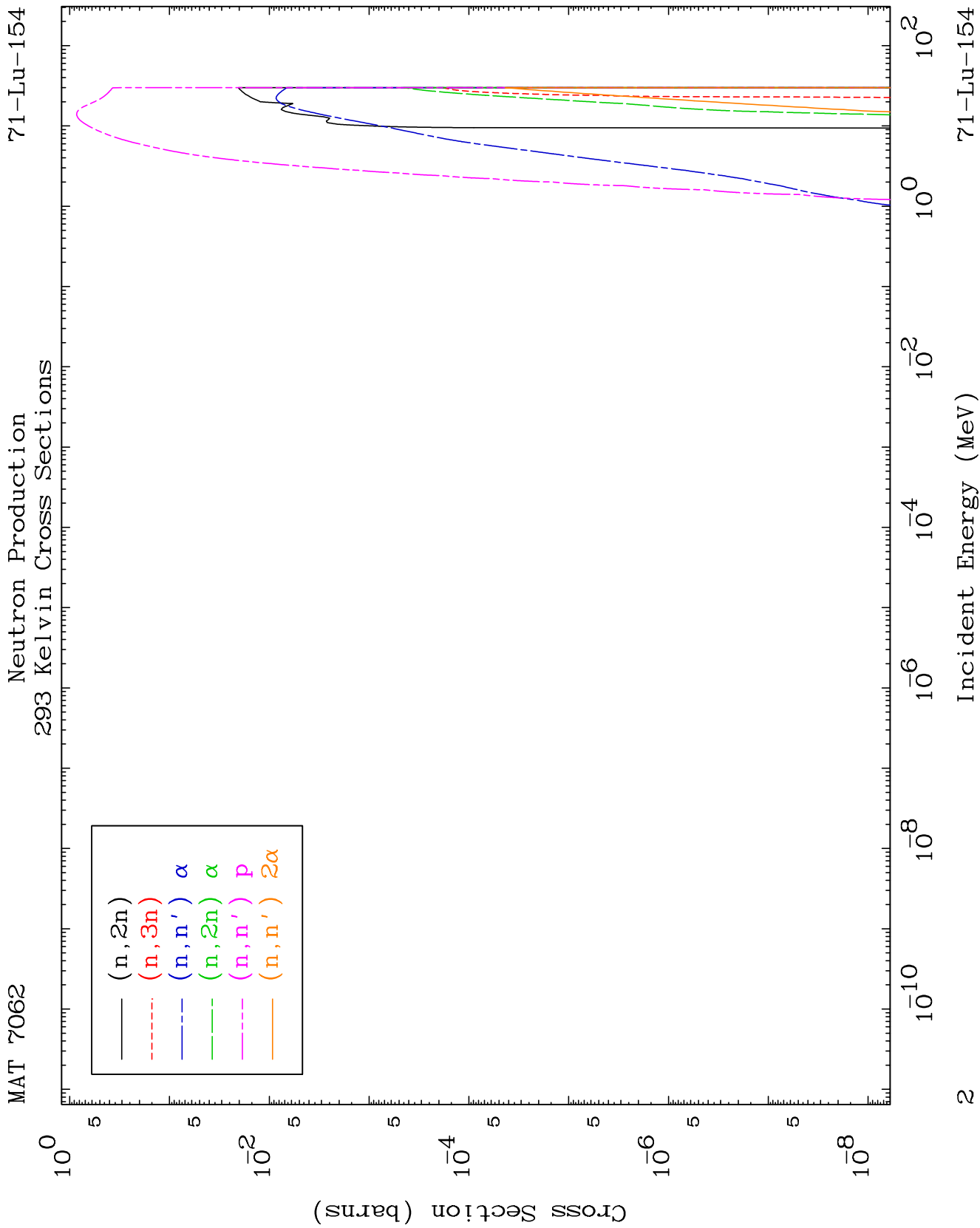
71-Lu-154

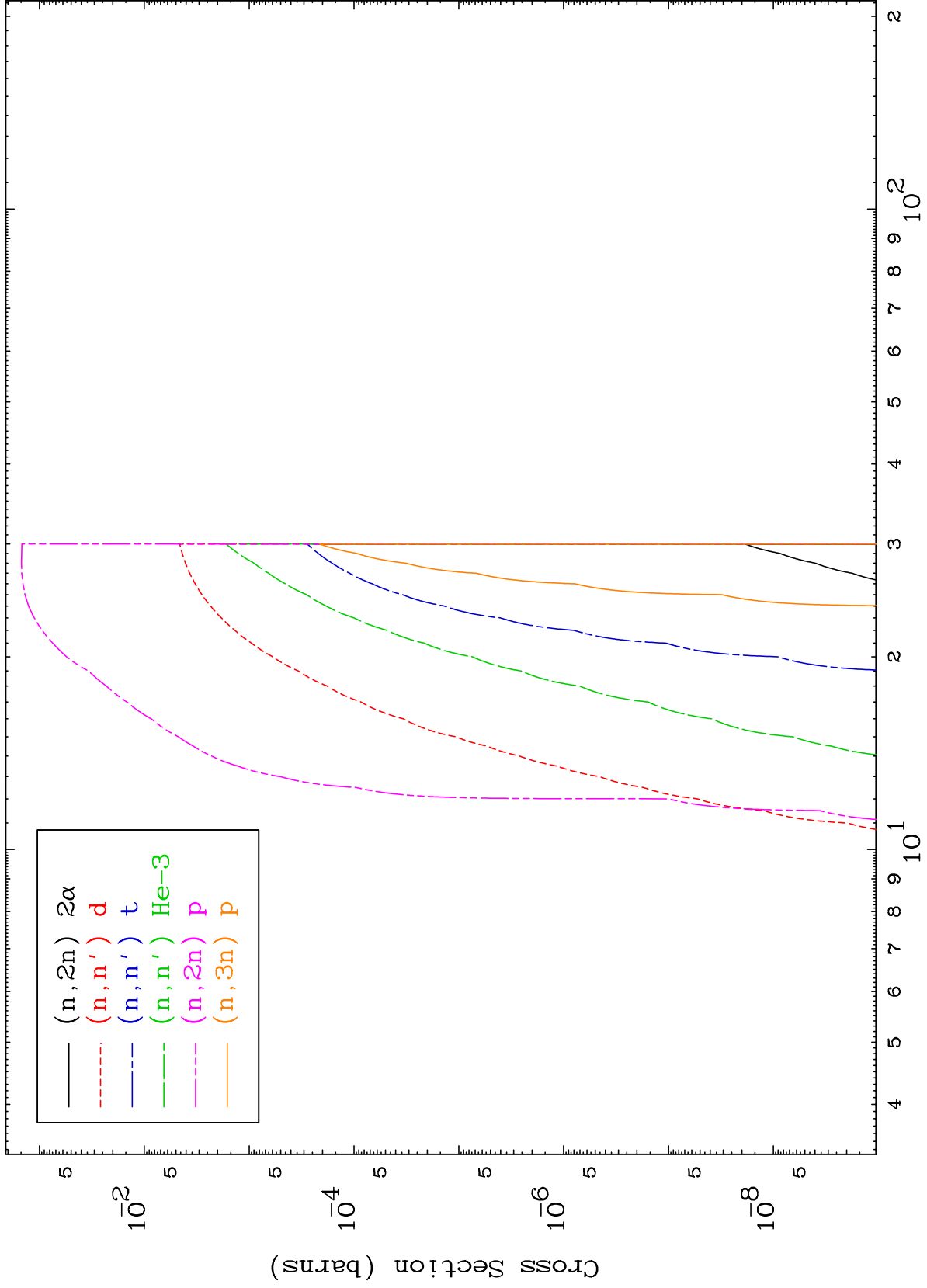


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Incident Energy (MeV)

71-Lu-154

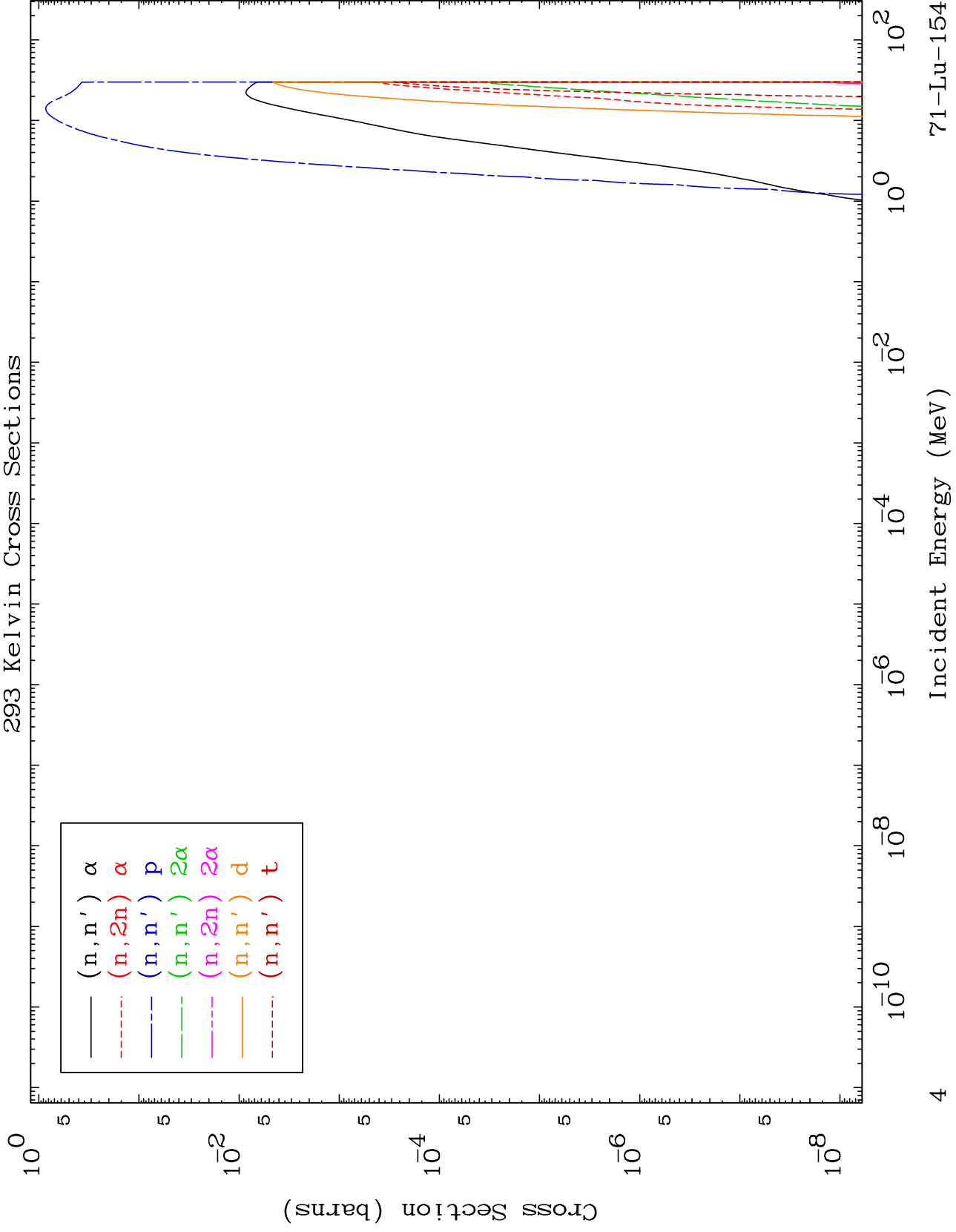


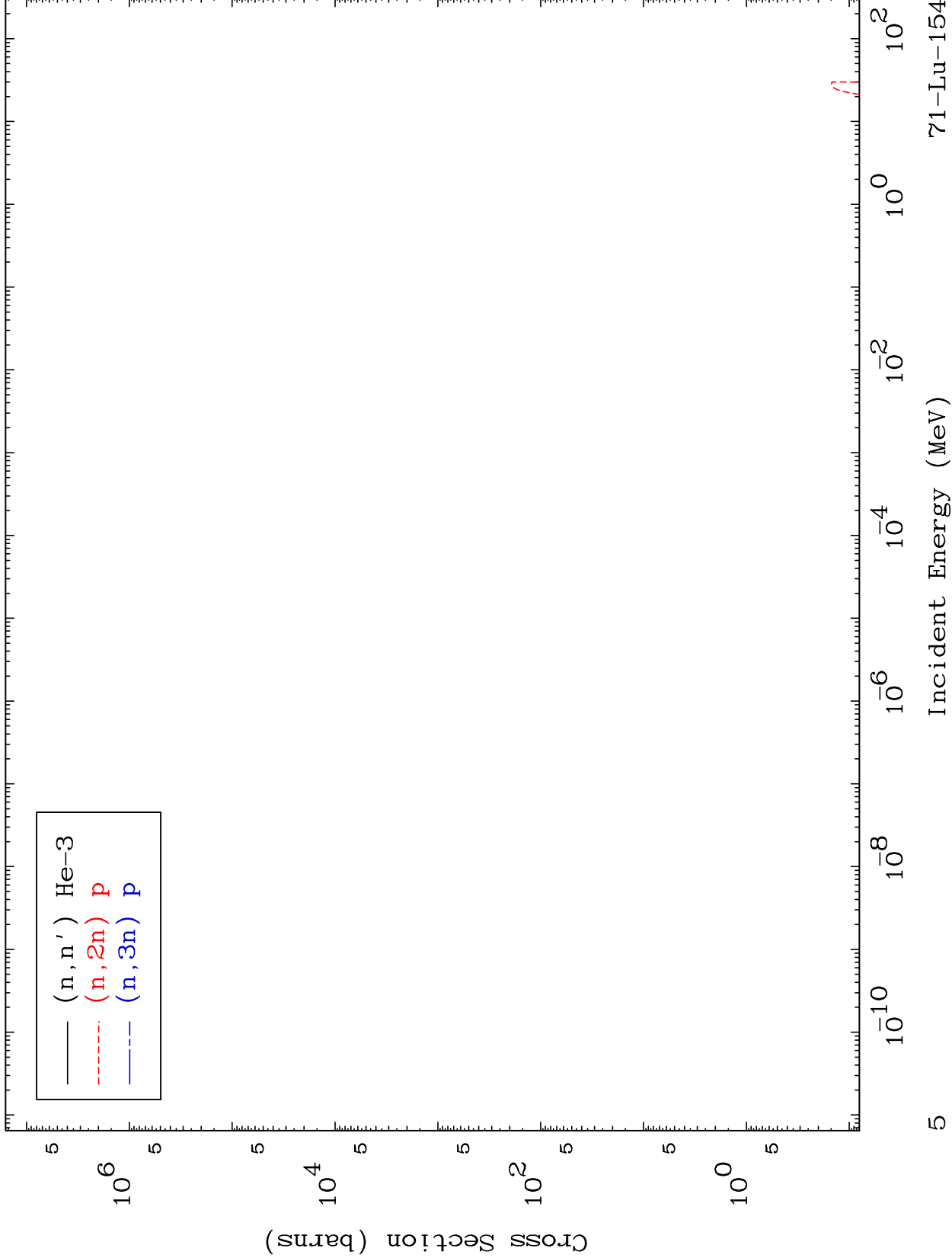


MAT 7062

Charged Particle  
293 Kelvin Cross Sections

71-Lu-154

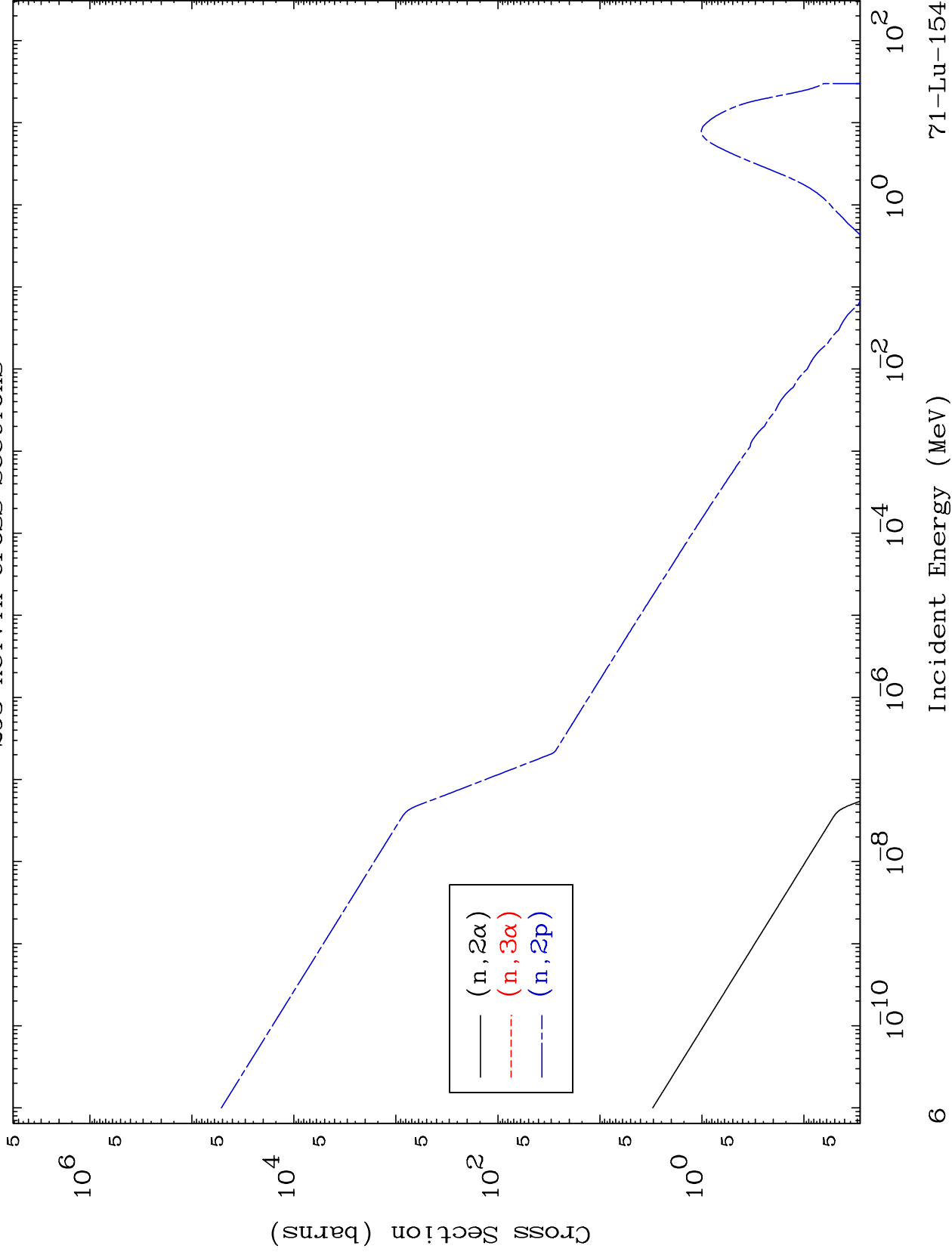


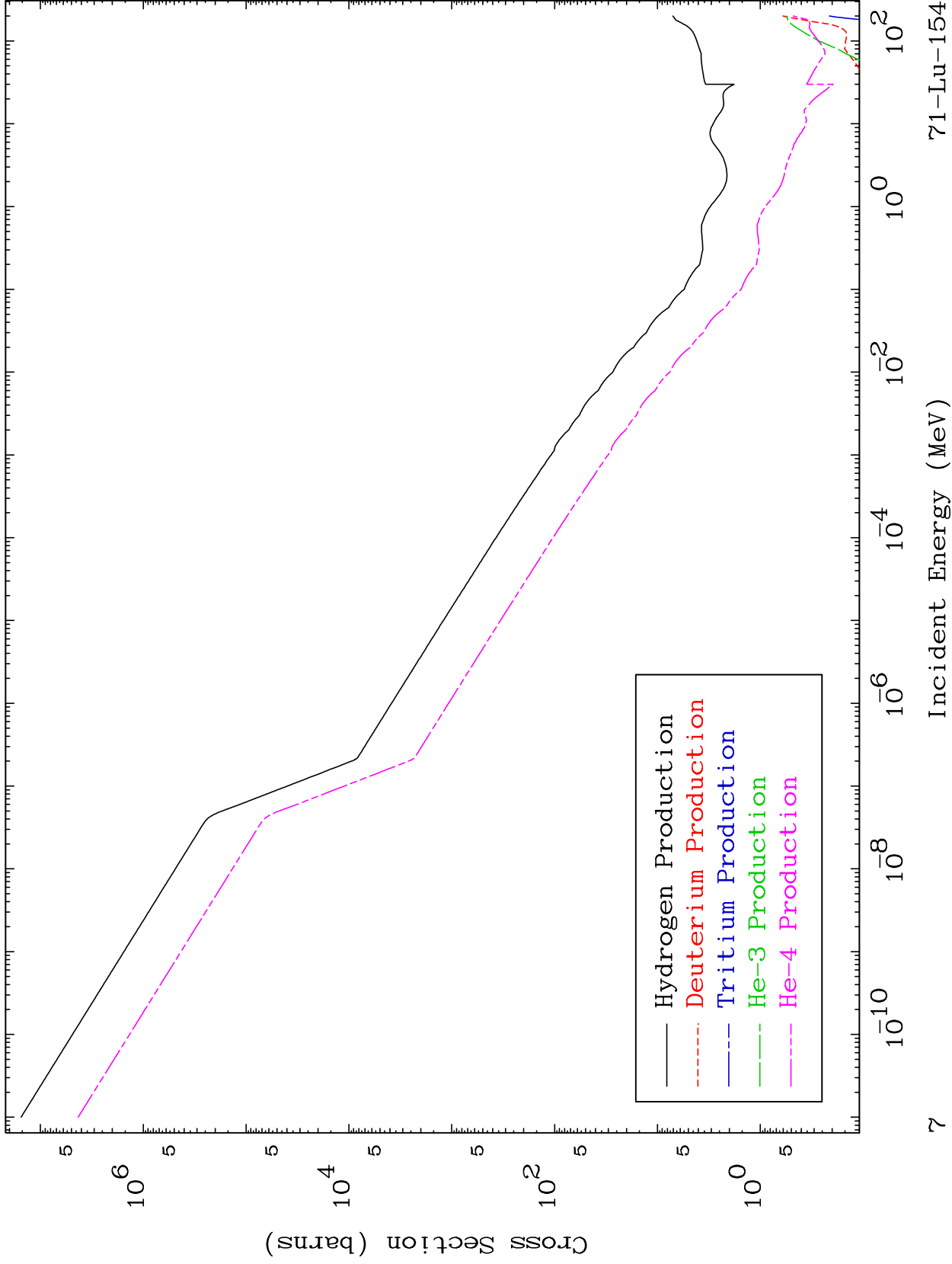


MAT 7062

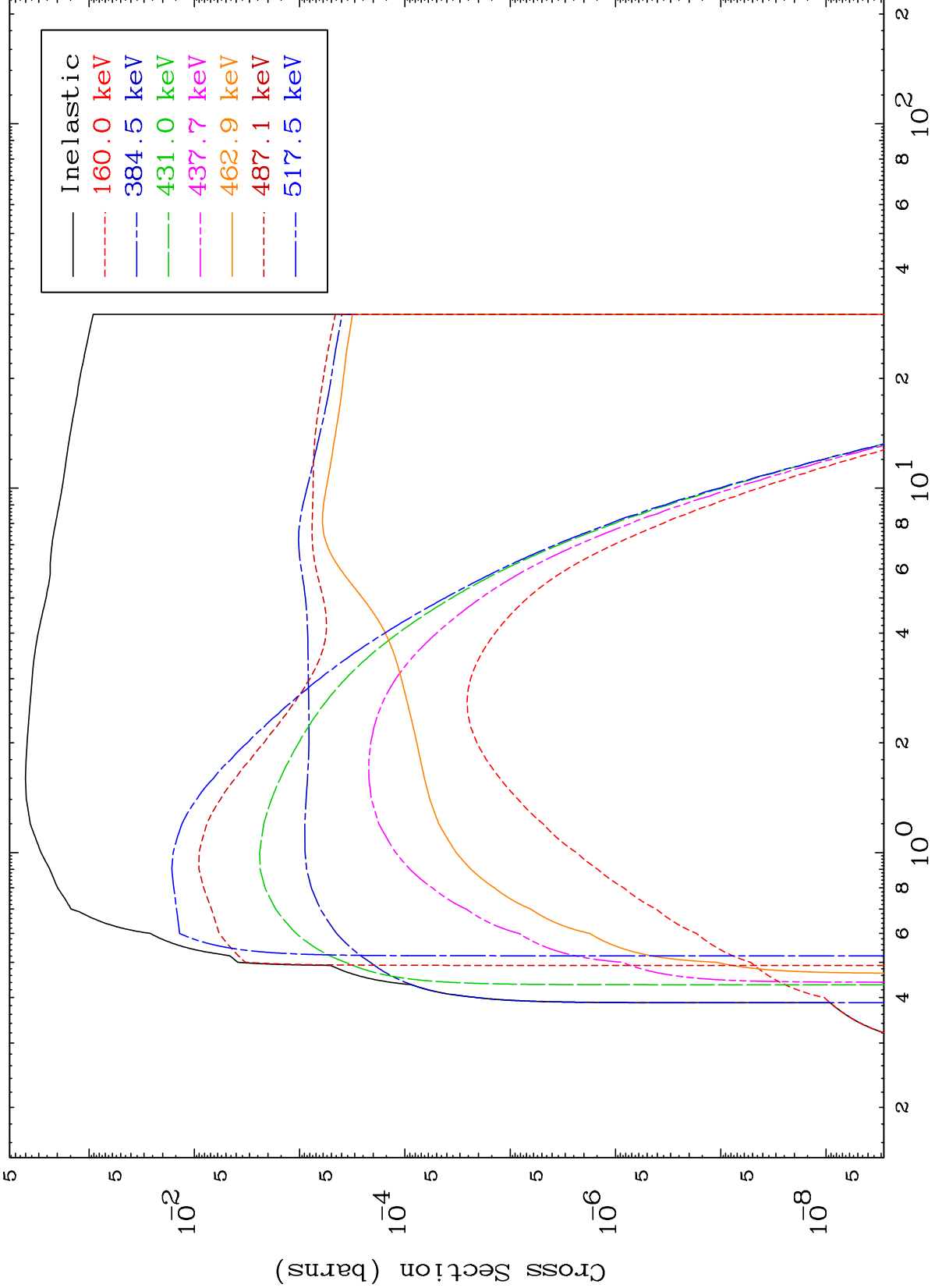
Charged Particle  
293 Kelvin Cross Sections

71-Lu-154





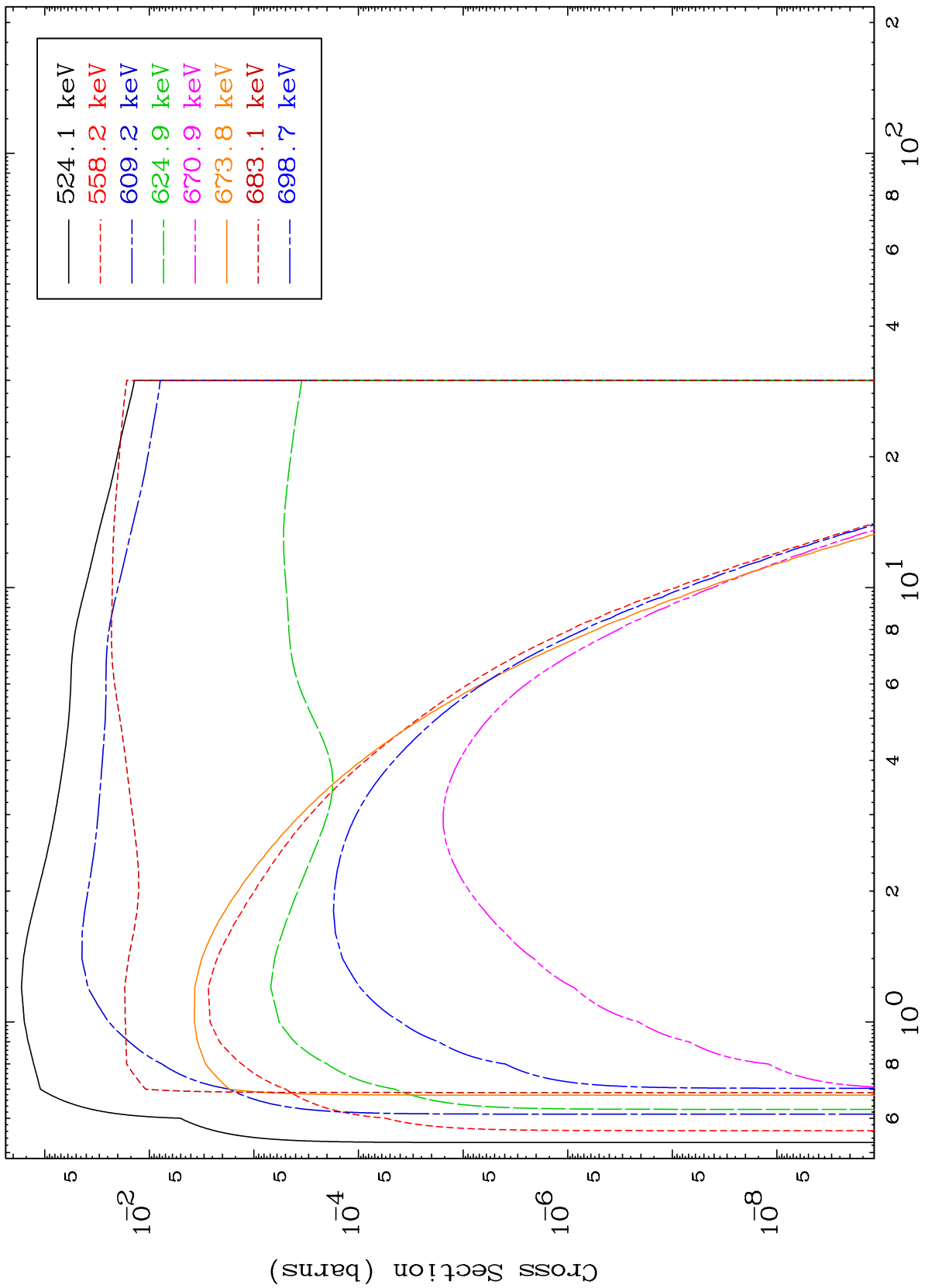




MAT 7062

(n,n') Level  
293 Kelvin Cross Sections

71-Lu-154



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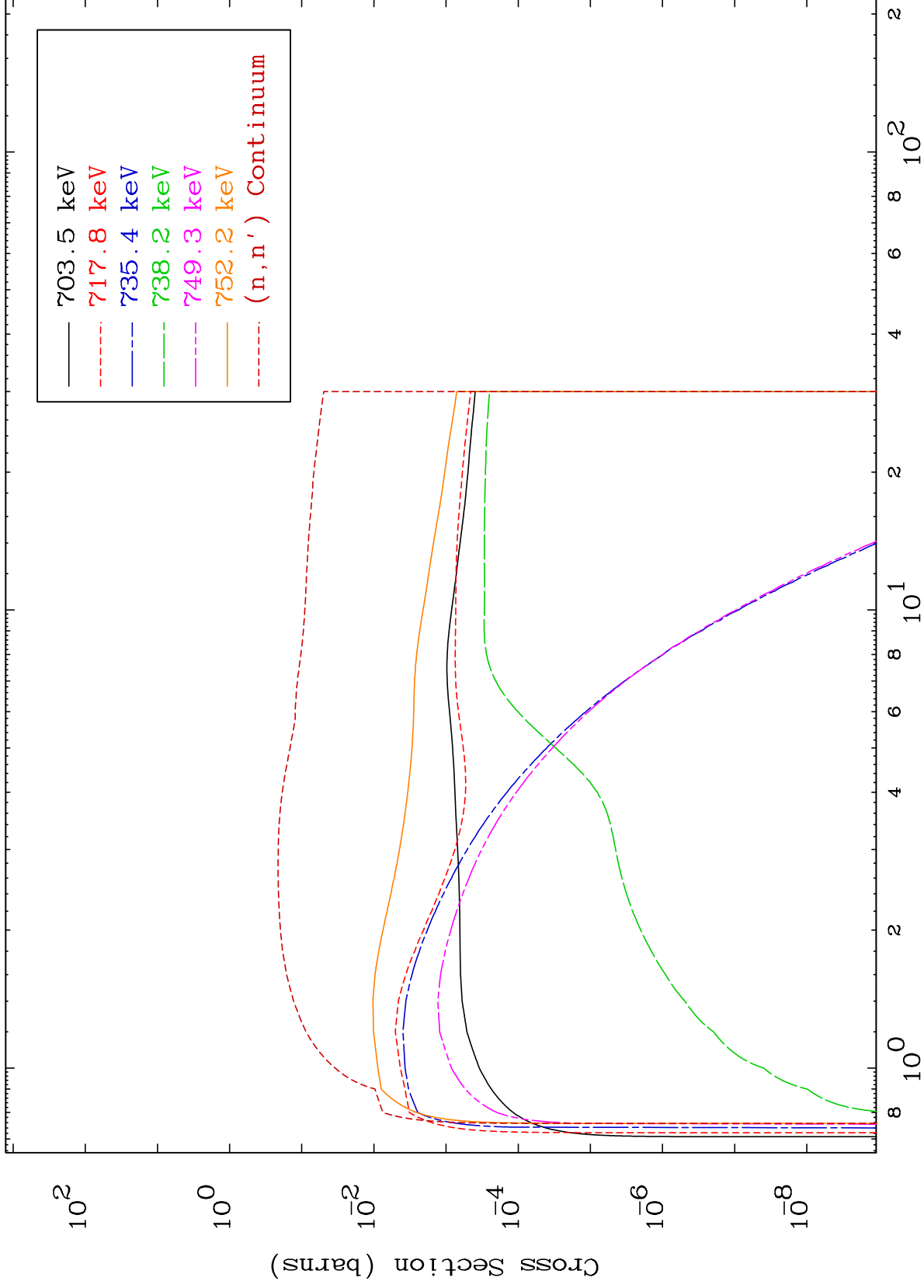
Incident Energy (MeV)

71-Lu-154

MAT 7062

(n,n') Level  
293 Kelvin Cross Sections

71-Lu-154



10

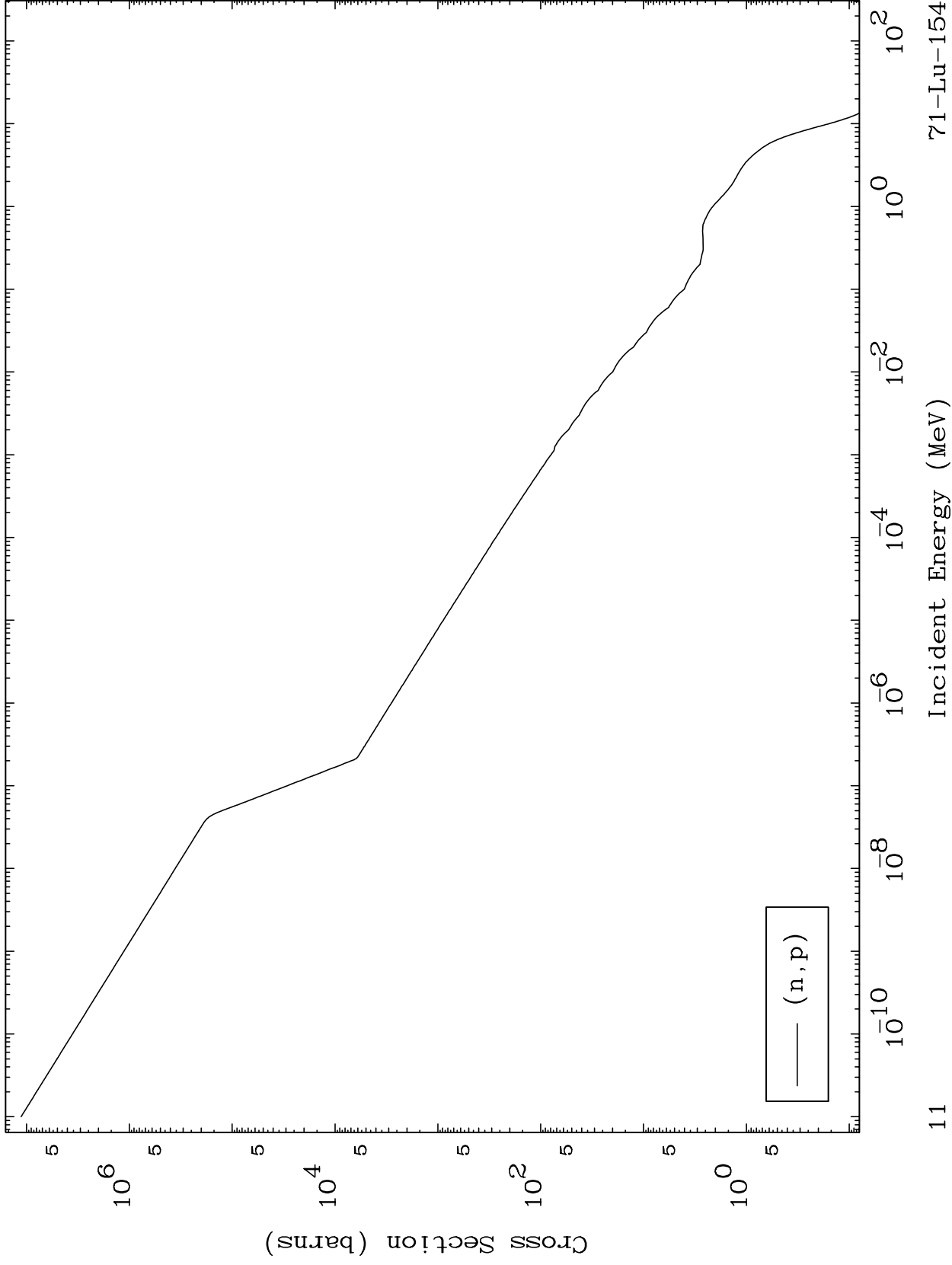
Incident Energy (MeV)

71-Lu-154

MAT 7062

(n,p) Levels  
293 Kelvin Cross Sections

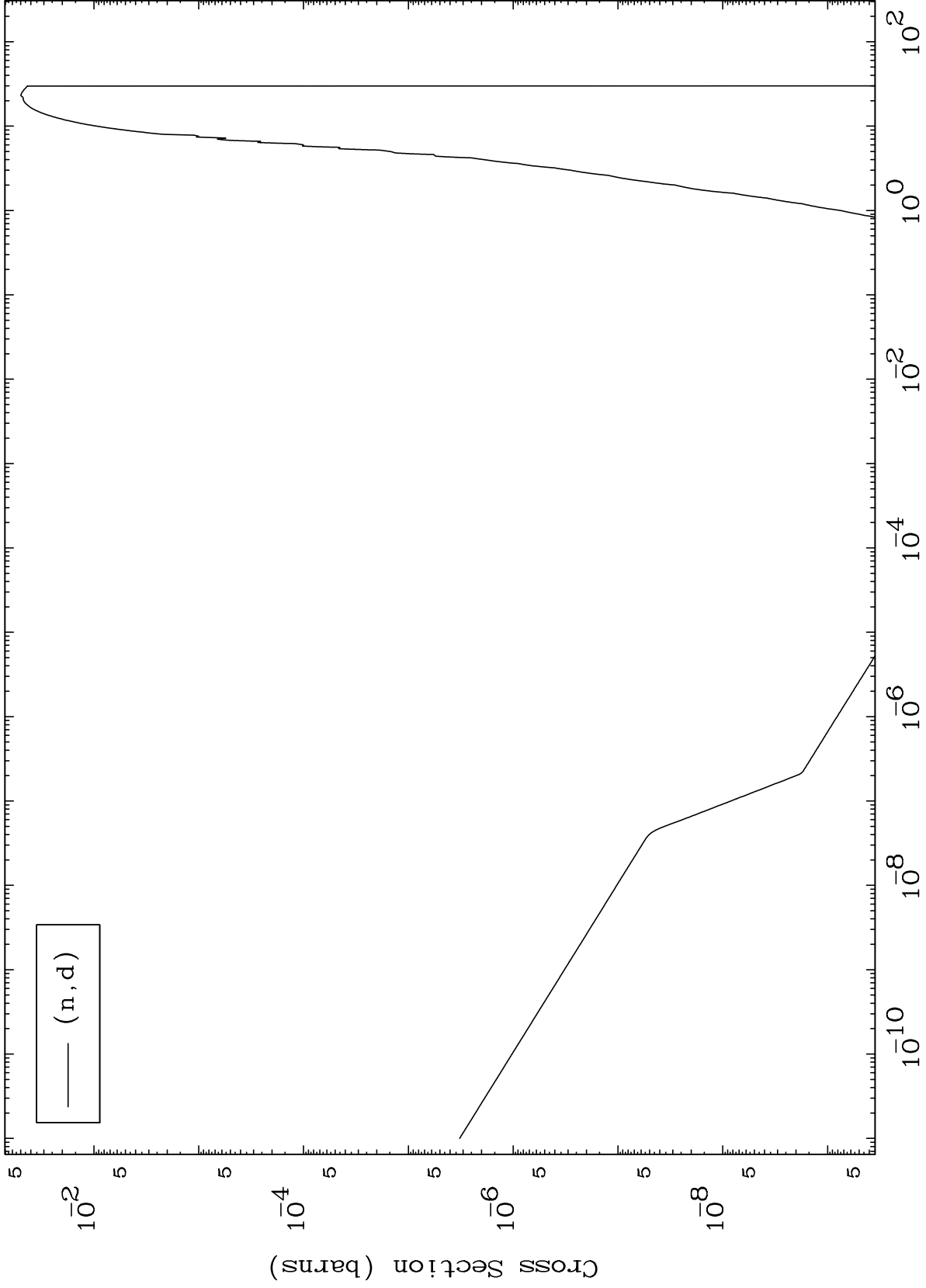
71-Lu-154



MAT 7062

(n,d) Levels  
293 Kelvin Cross Sections

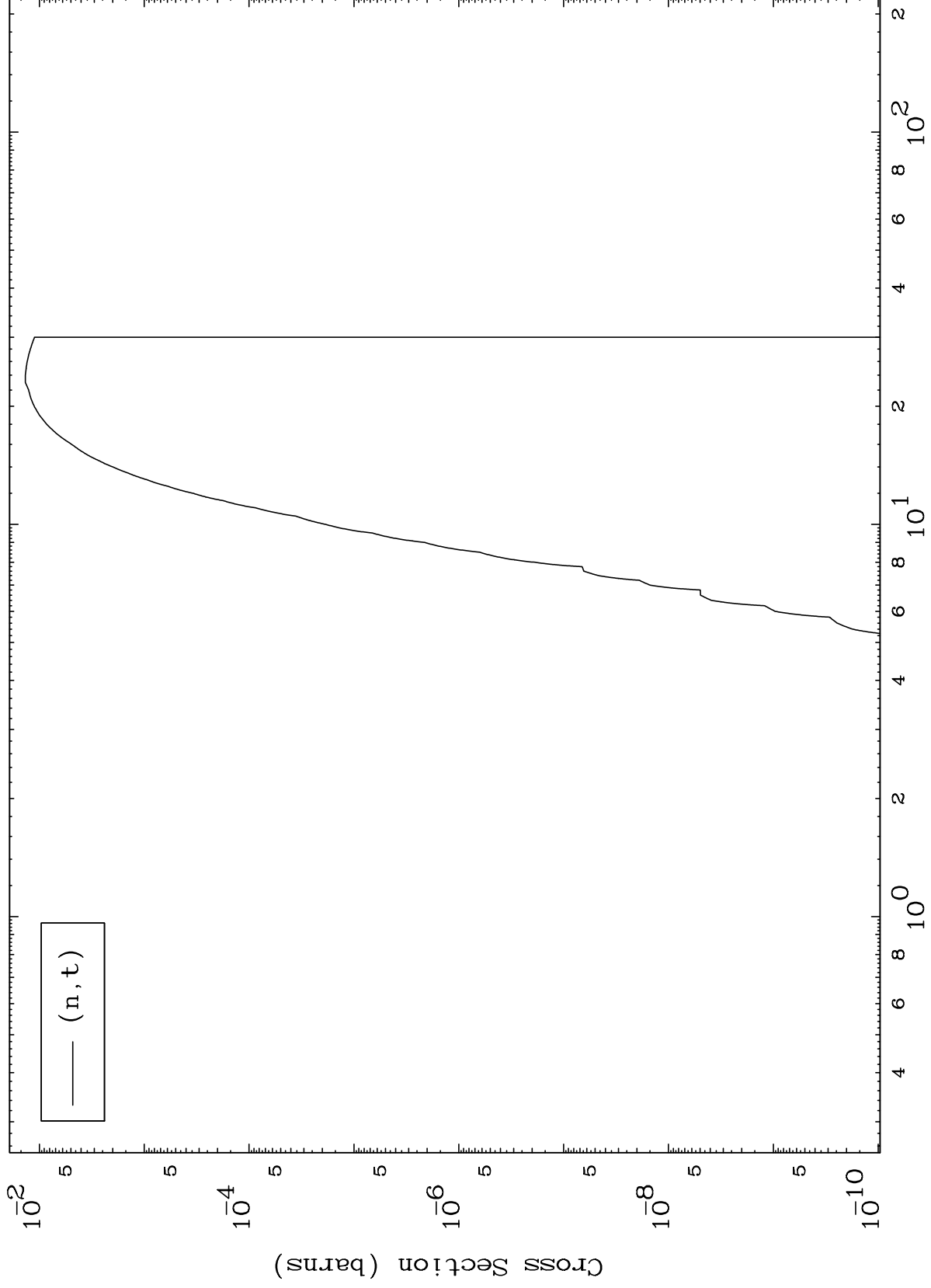
71-Lu-154



MAT 7062

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-154



13

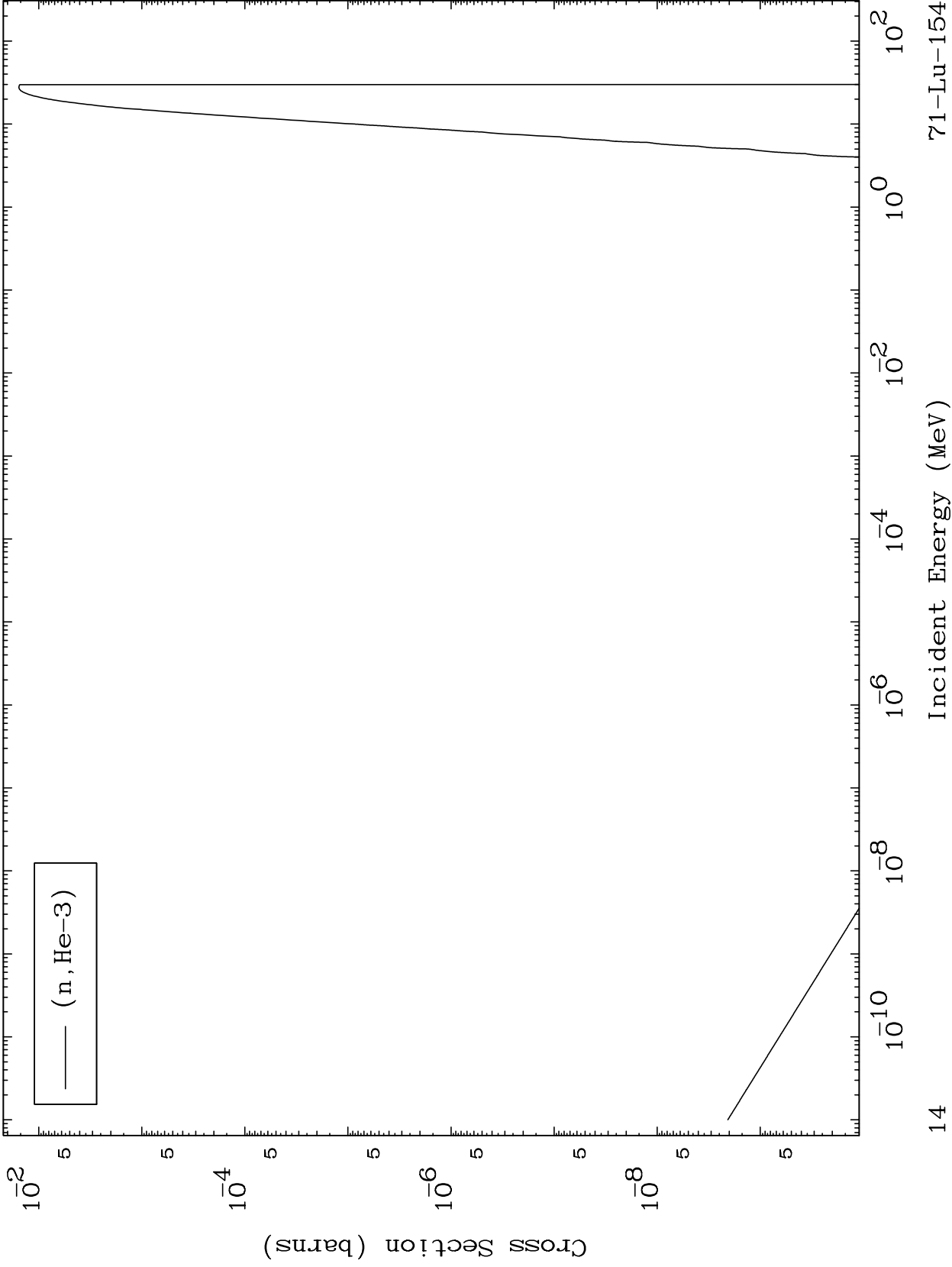
Incident Energy (MeV)

71-Lu-154

MAT 7062

(n,He3) Levels  
293 Kelvin Cross Sections

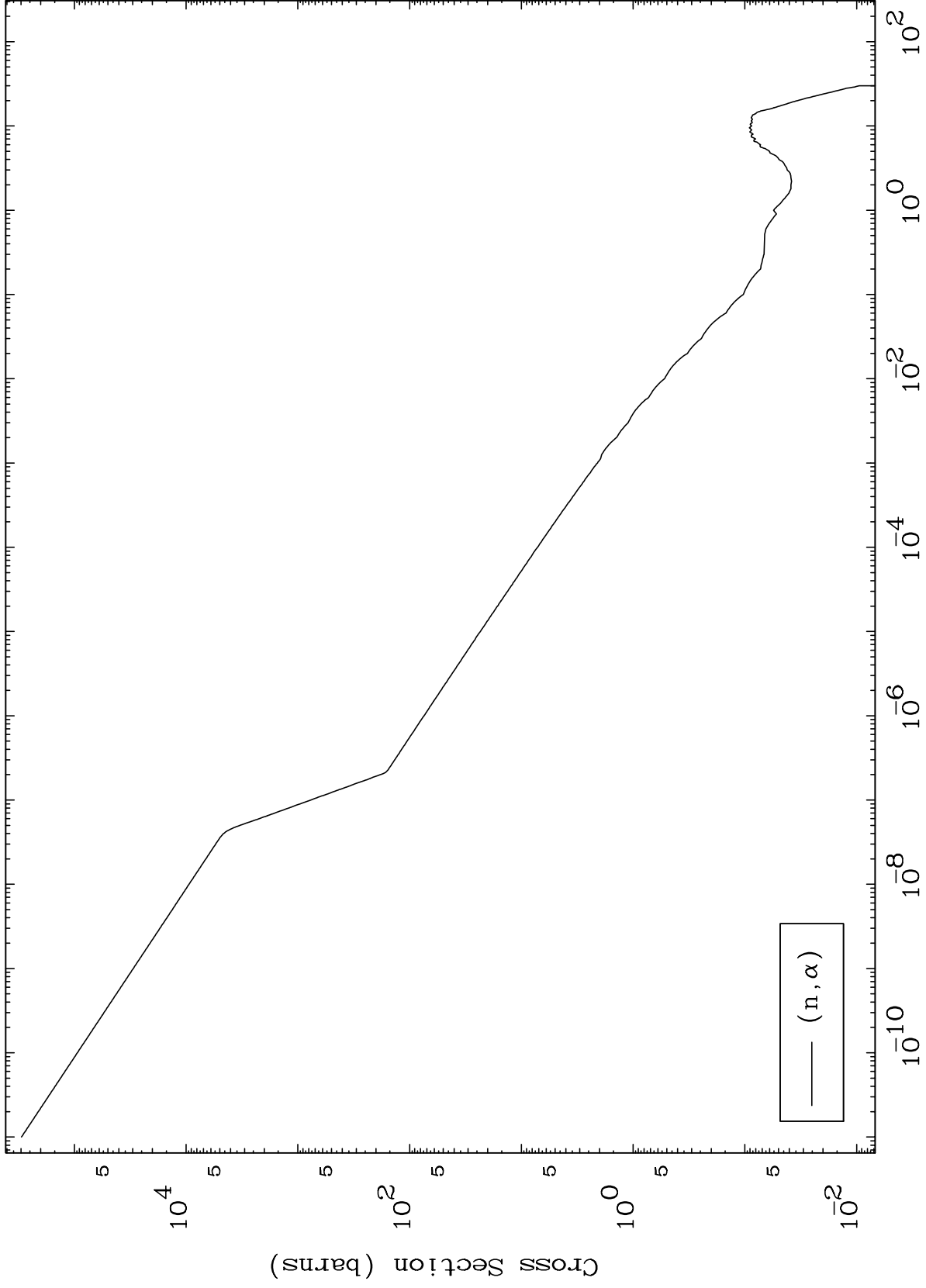
71-Lu-154



MAT 7062

(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-154

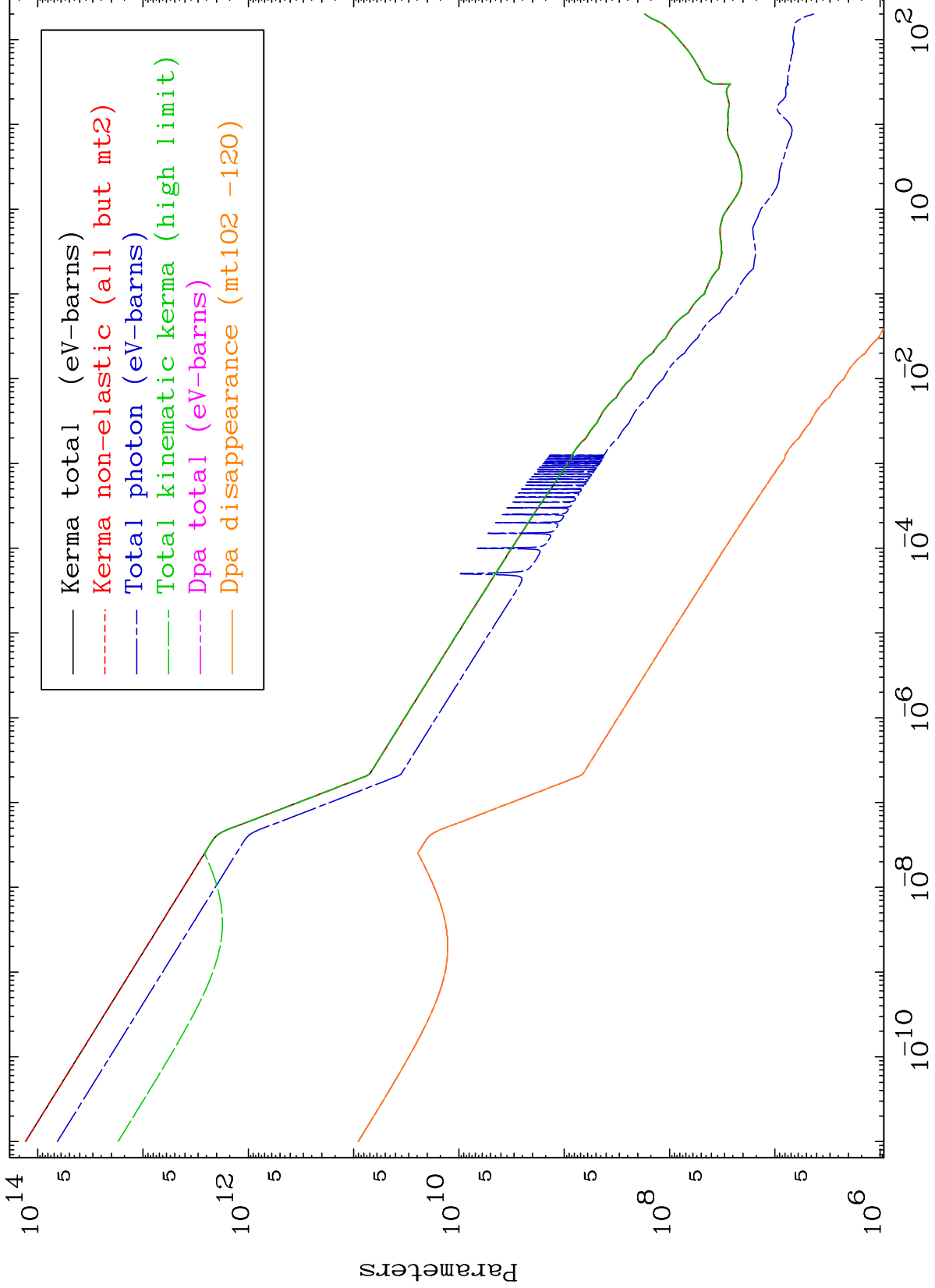


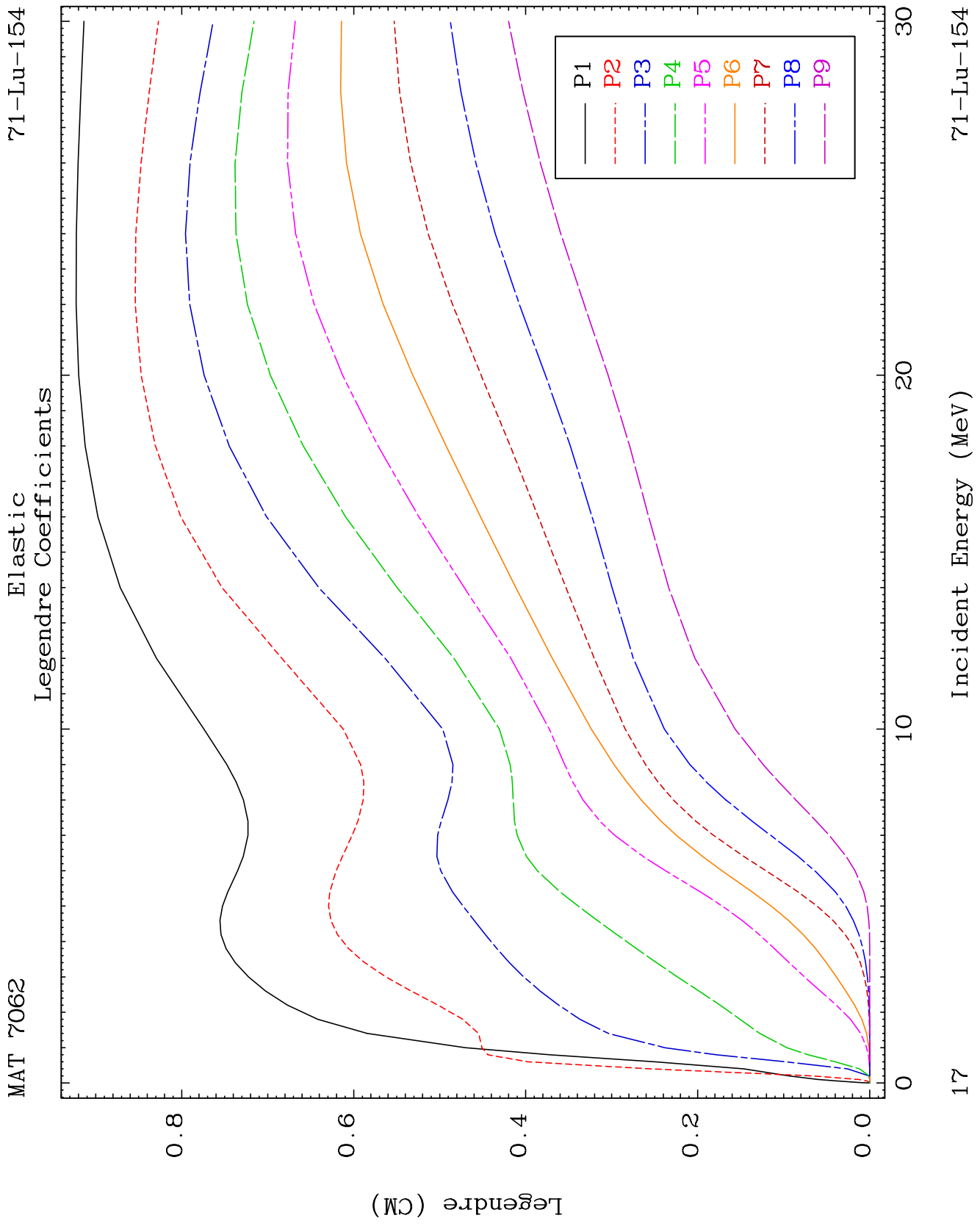
15

Incident Energy (MeV)

71-Lu-154



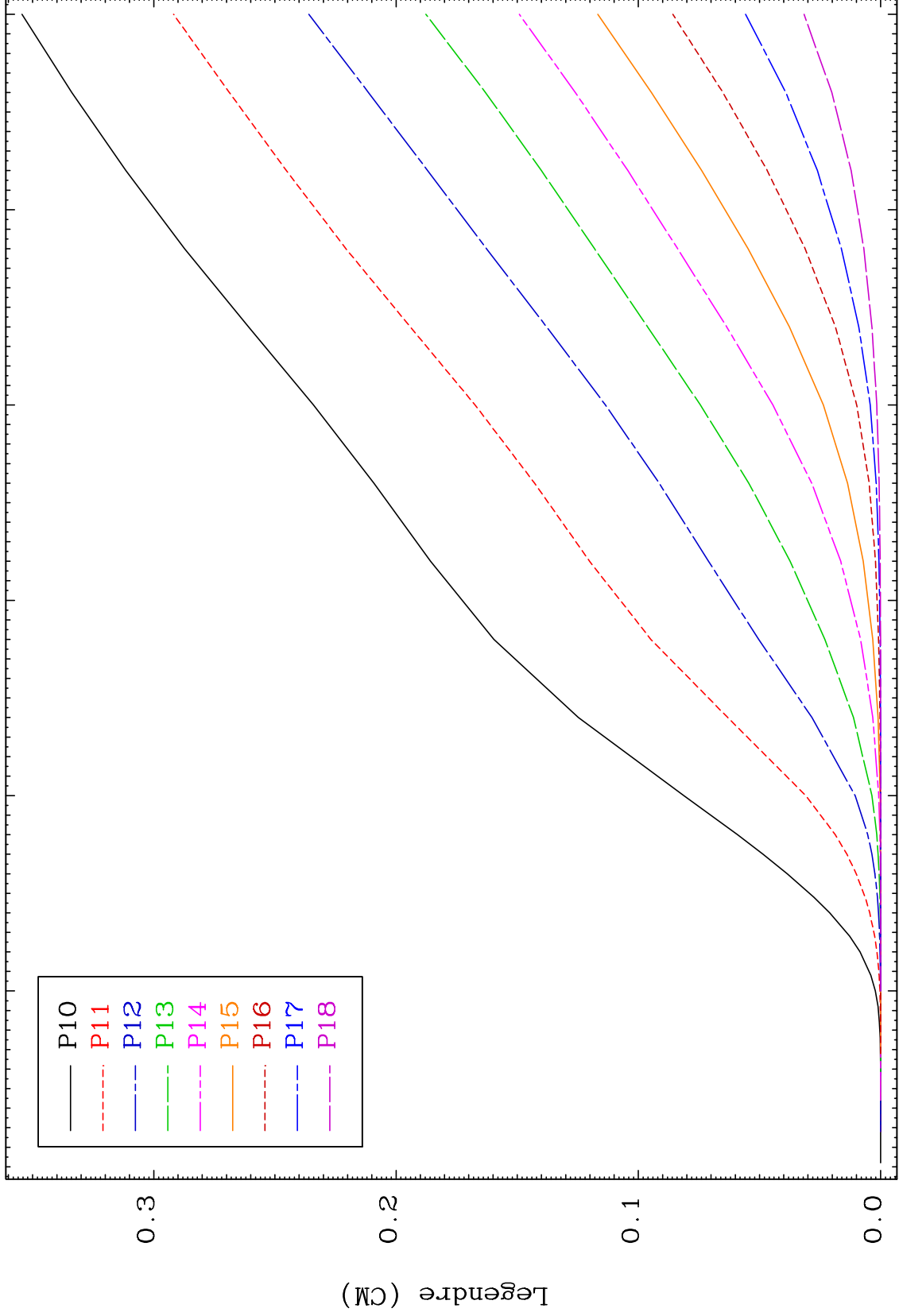




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Elastic Legendre Coefficients

<sup>71</sup>Lu-154



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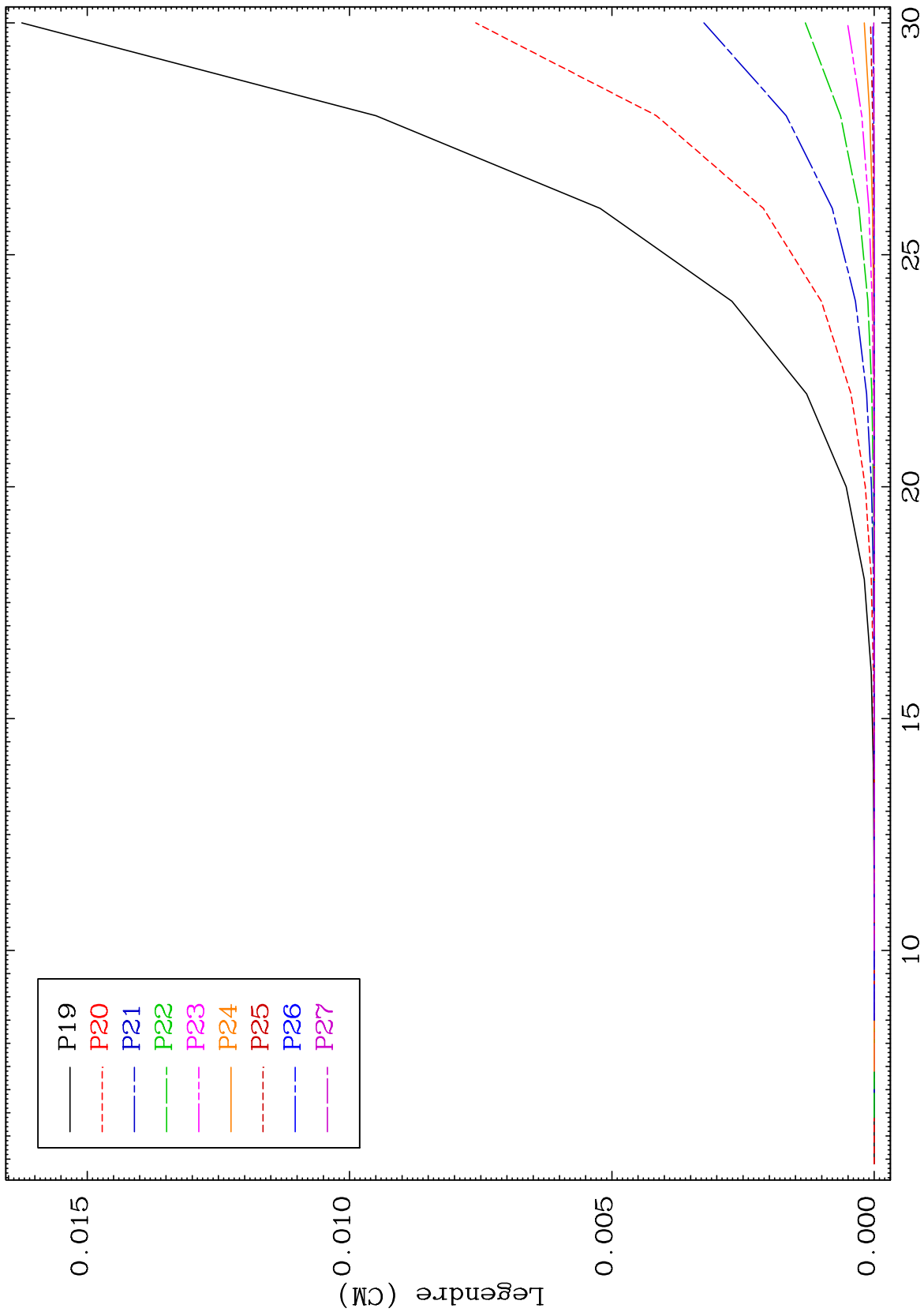
Incident Energy (MeV)

<sup>71</sup>Lu-154

MAT 7062

### Elastic Legendre Coefficients

71-Lu-154



19

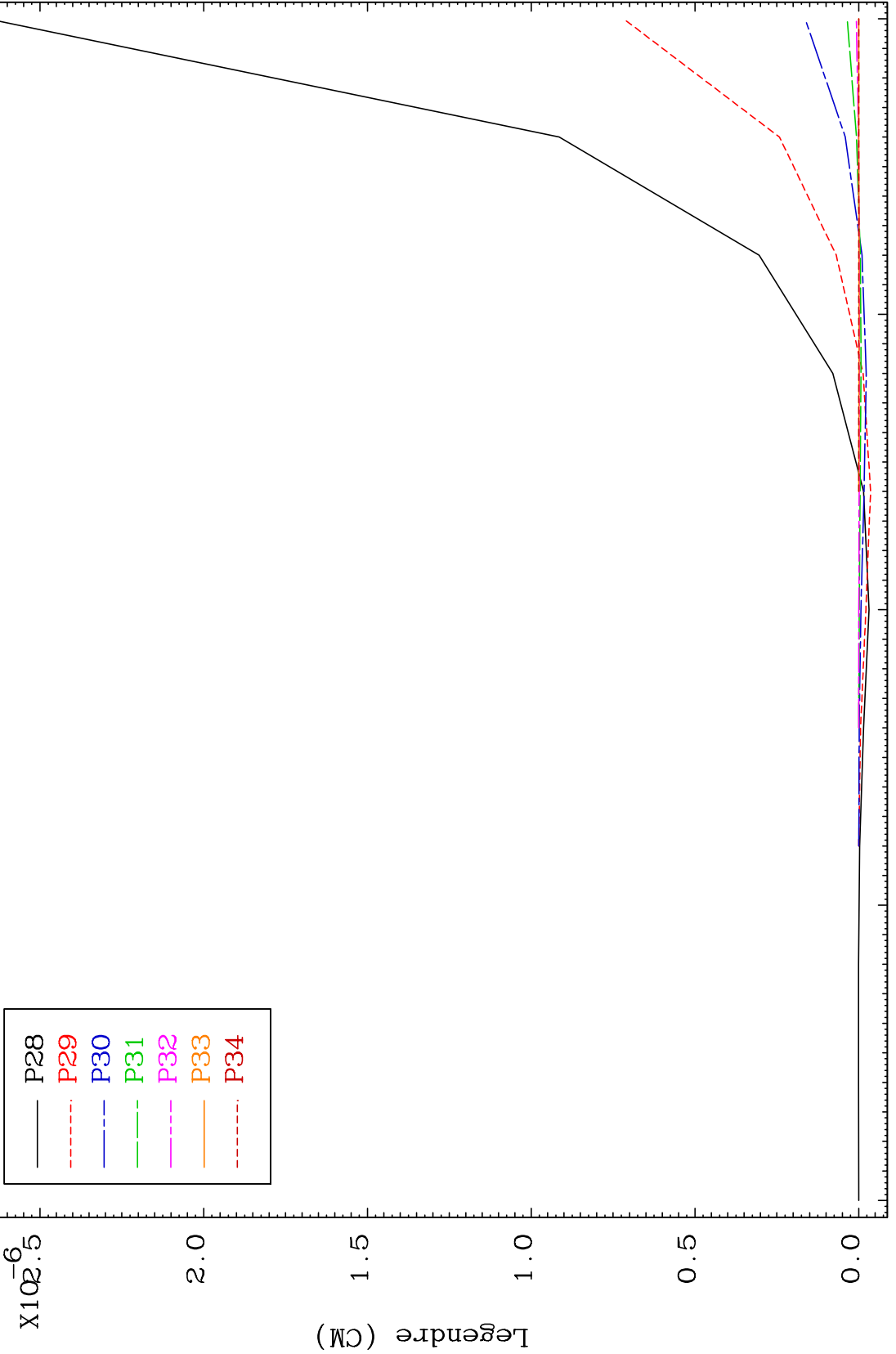
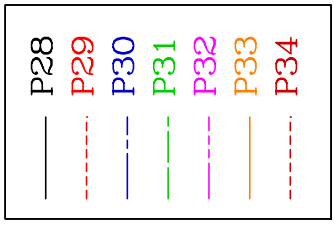
Incident Energy (MeV)

71-Lu-154

MAT 7062

Elastic Legendre Coefficients

71-Lu-154



71-Lu-154

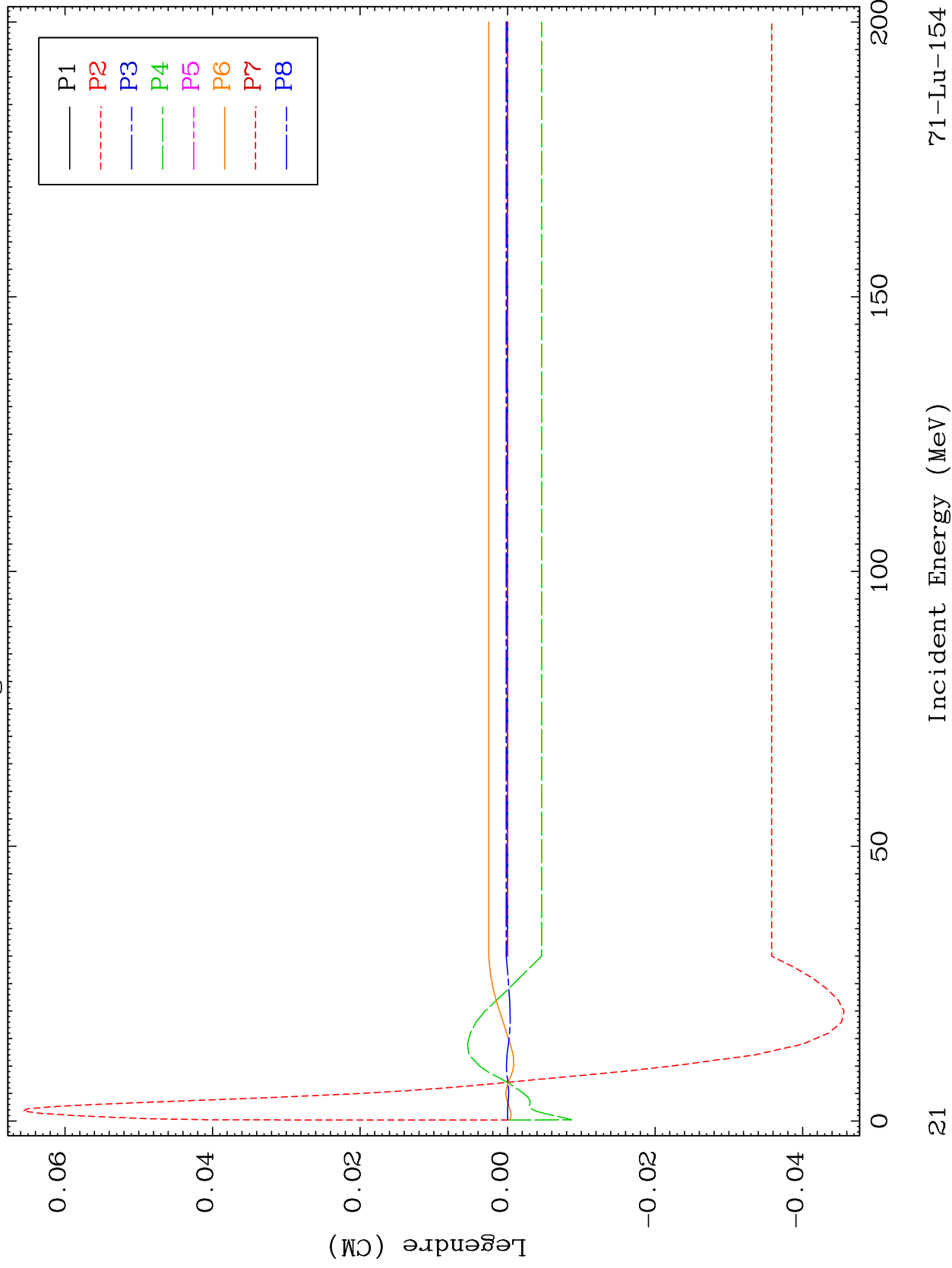
Incident Energy (MeV)

20

MAT 7062

160.0 keV (n,n') Level  
Legendre Coefficients

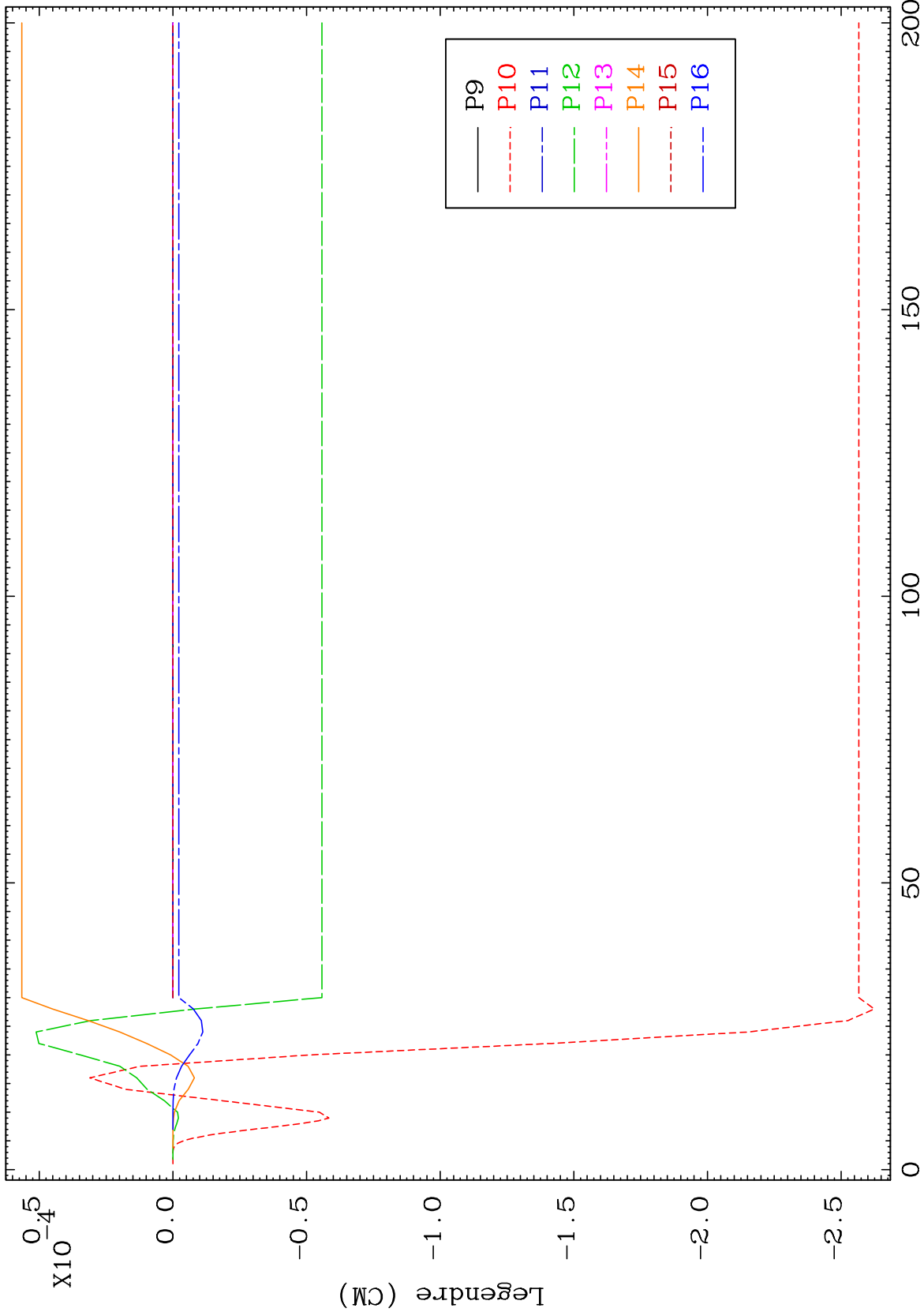
71-Lu-154

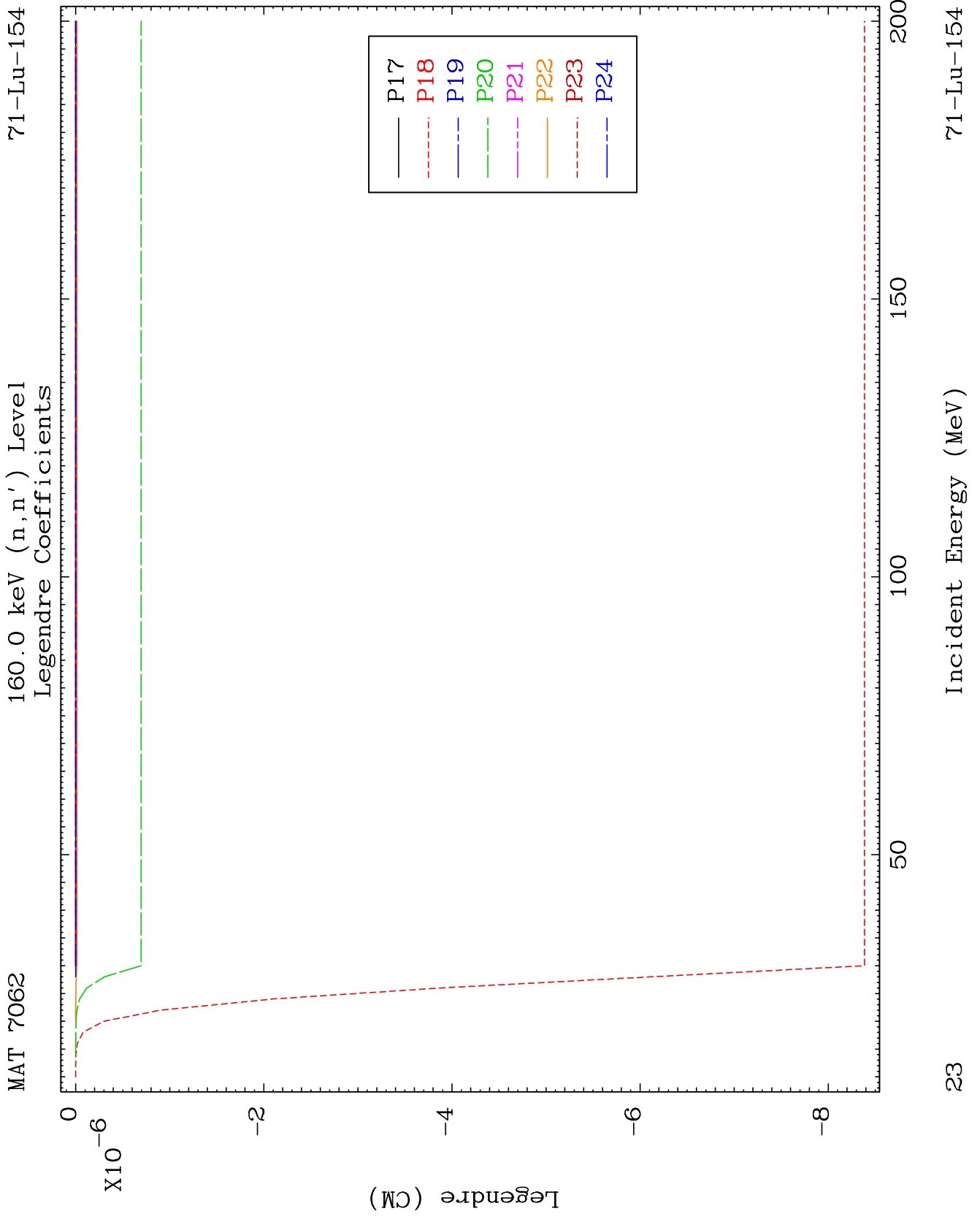


71-Lu-154

Incident Energy (MeV)

21





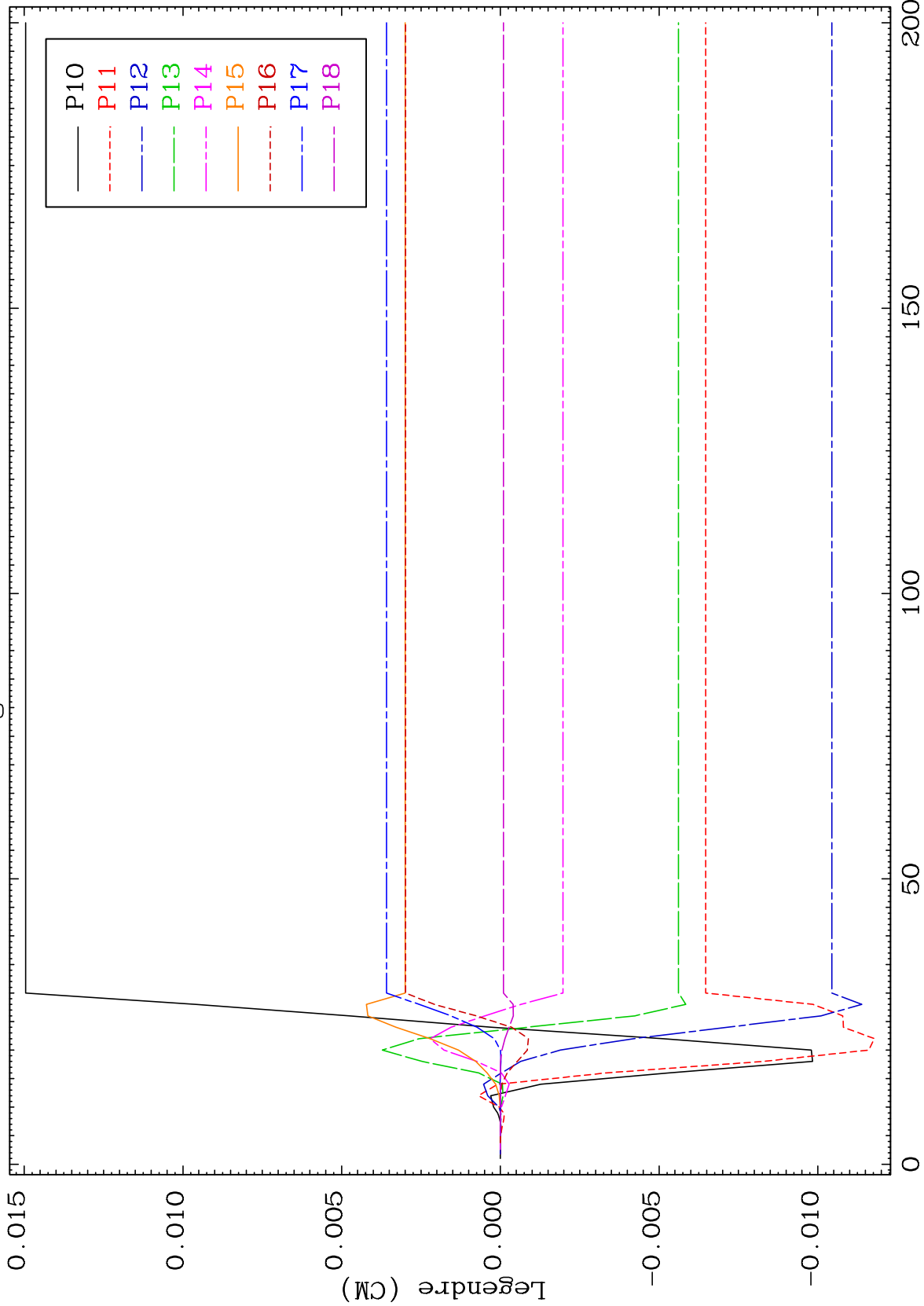




MAT 7062

384.5 keV (n, n') Level  
Legendre Coefficients

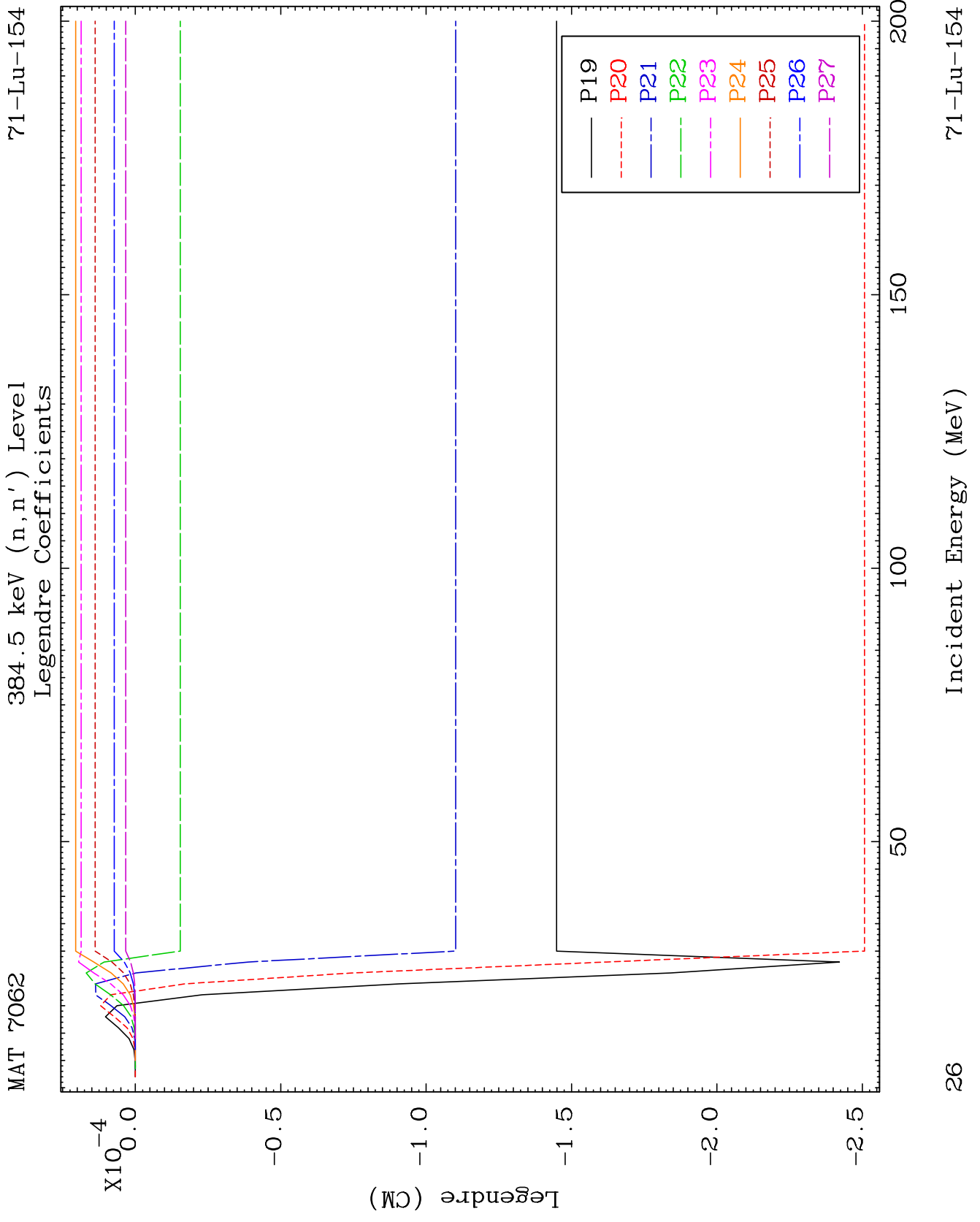
71-Lu-154

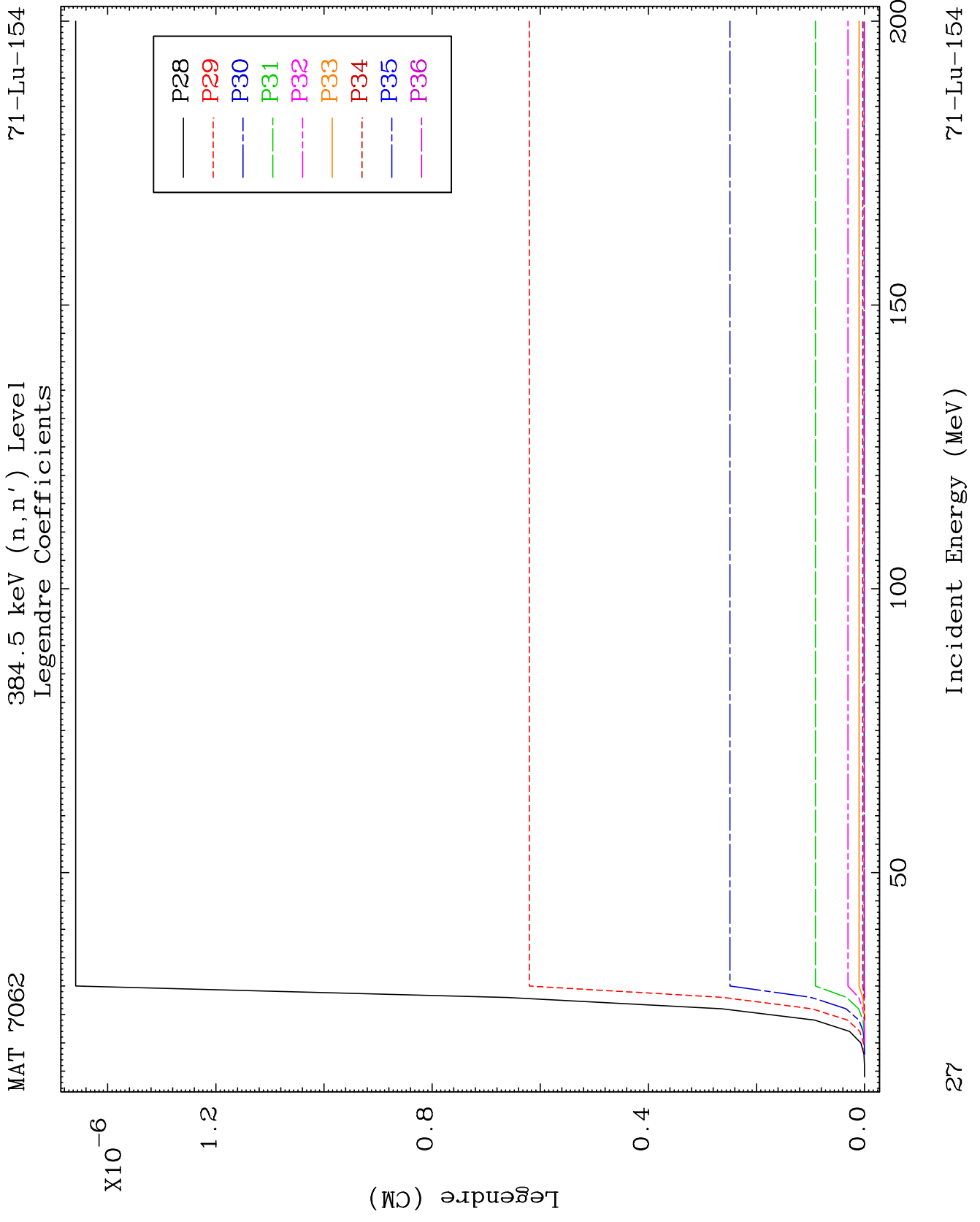


25

Incident Energy (MeV)

71-Lu-154



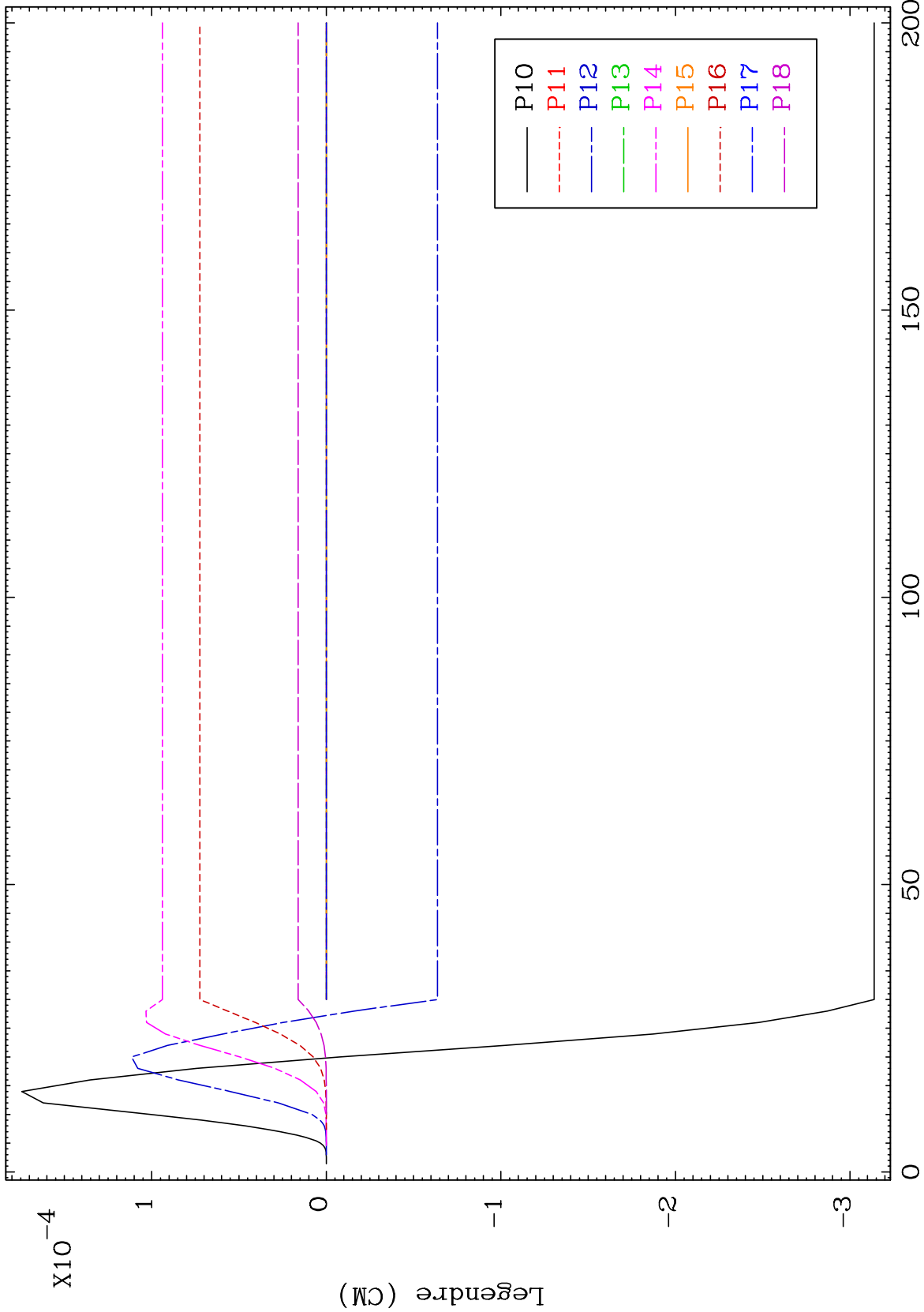




MAT 7062

431.0 keV (n,n') Level  
Legendre Coefficients

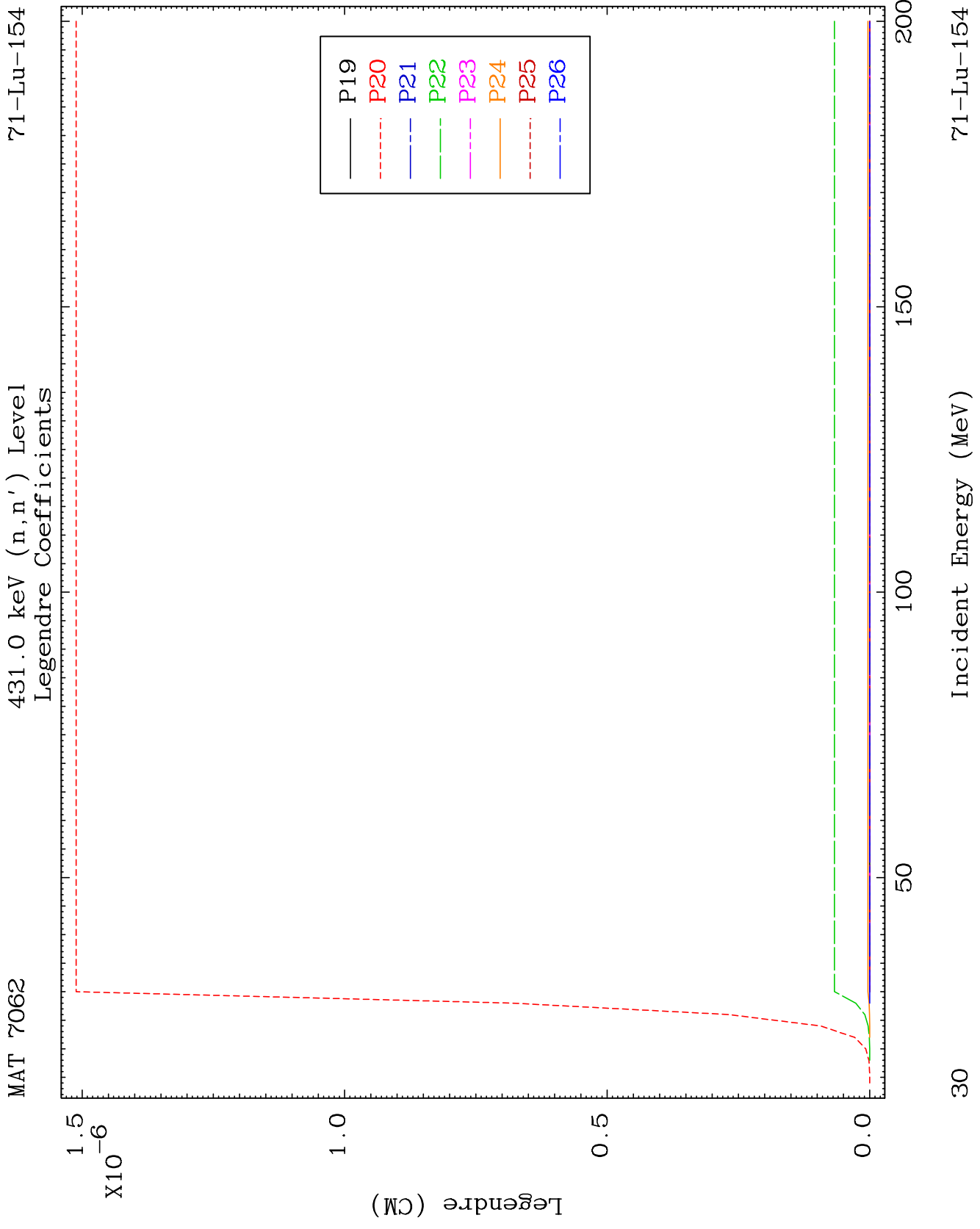
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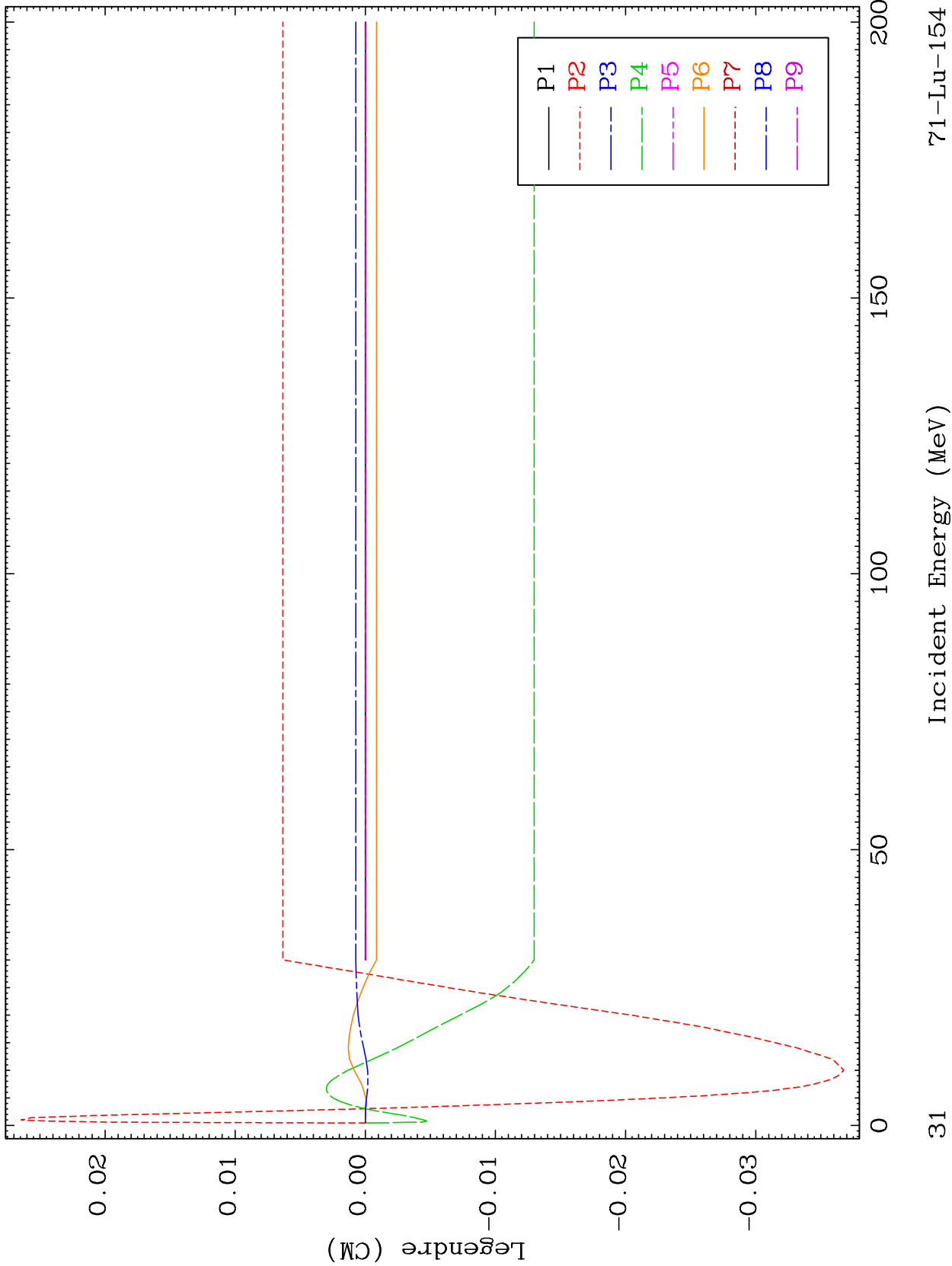


29

Incident Energy (MeV)

71-Lu-154



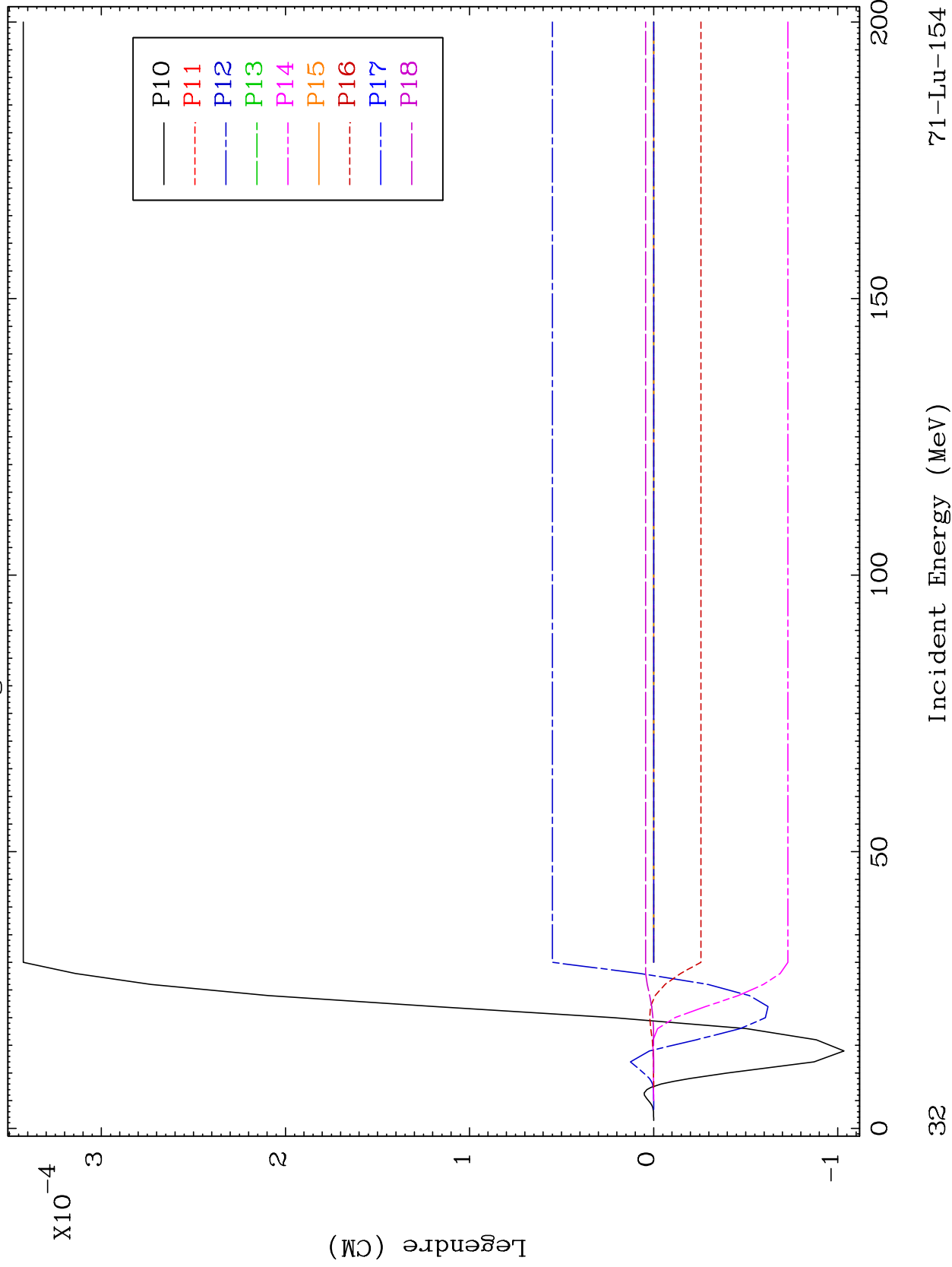




MAT 7062

437.7 keV (n,n') Level  
Legendre Coefficients

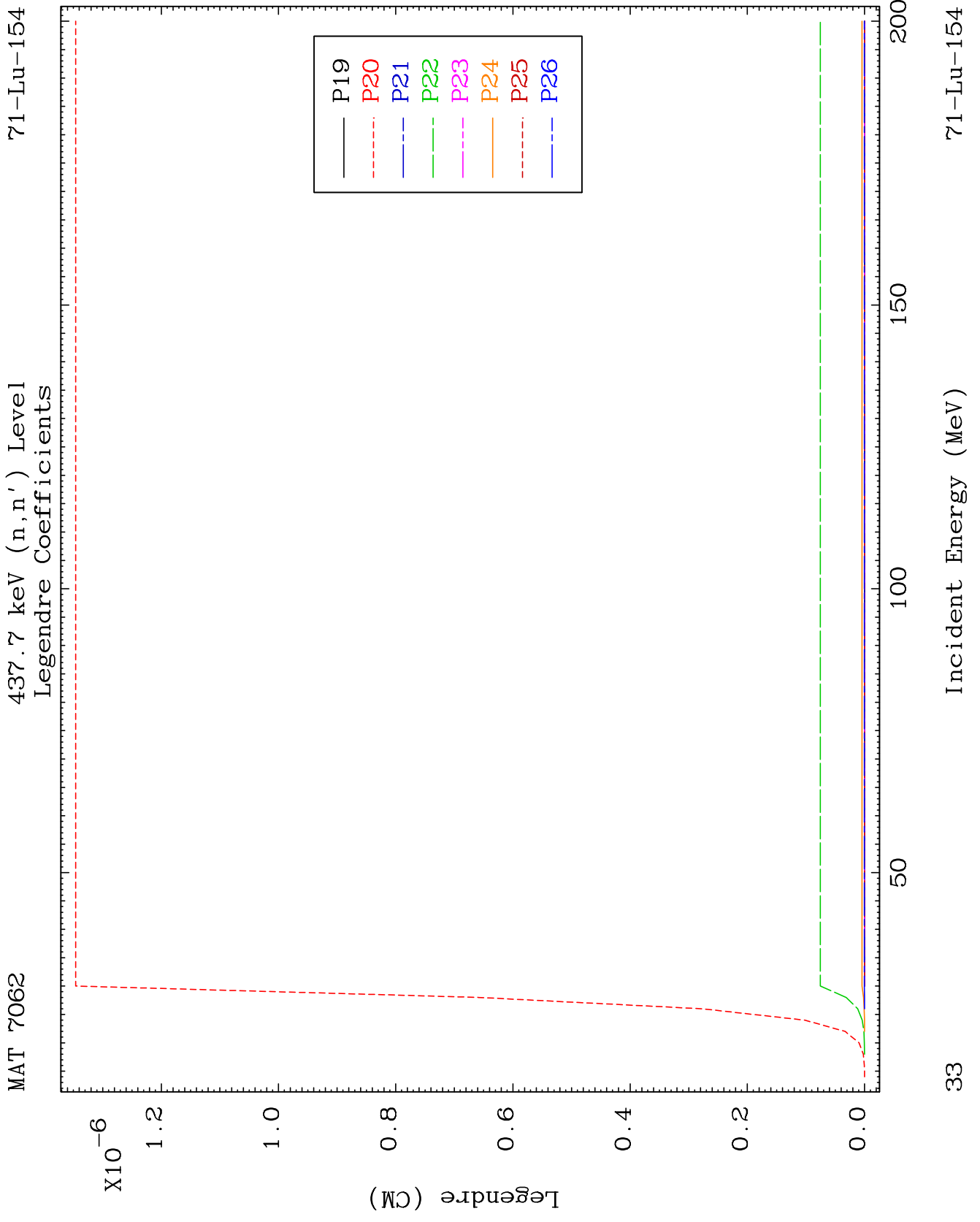
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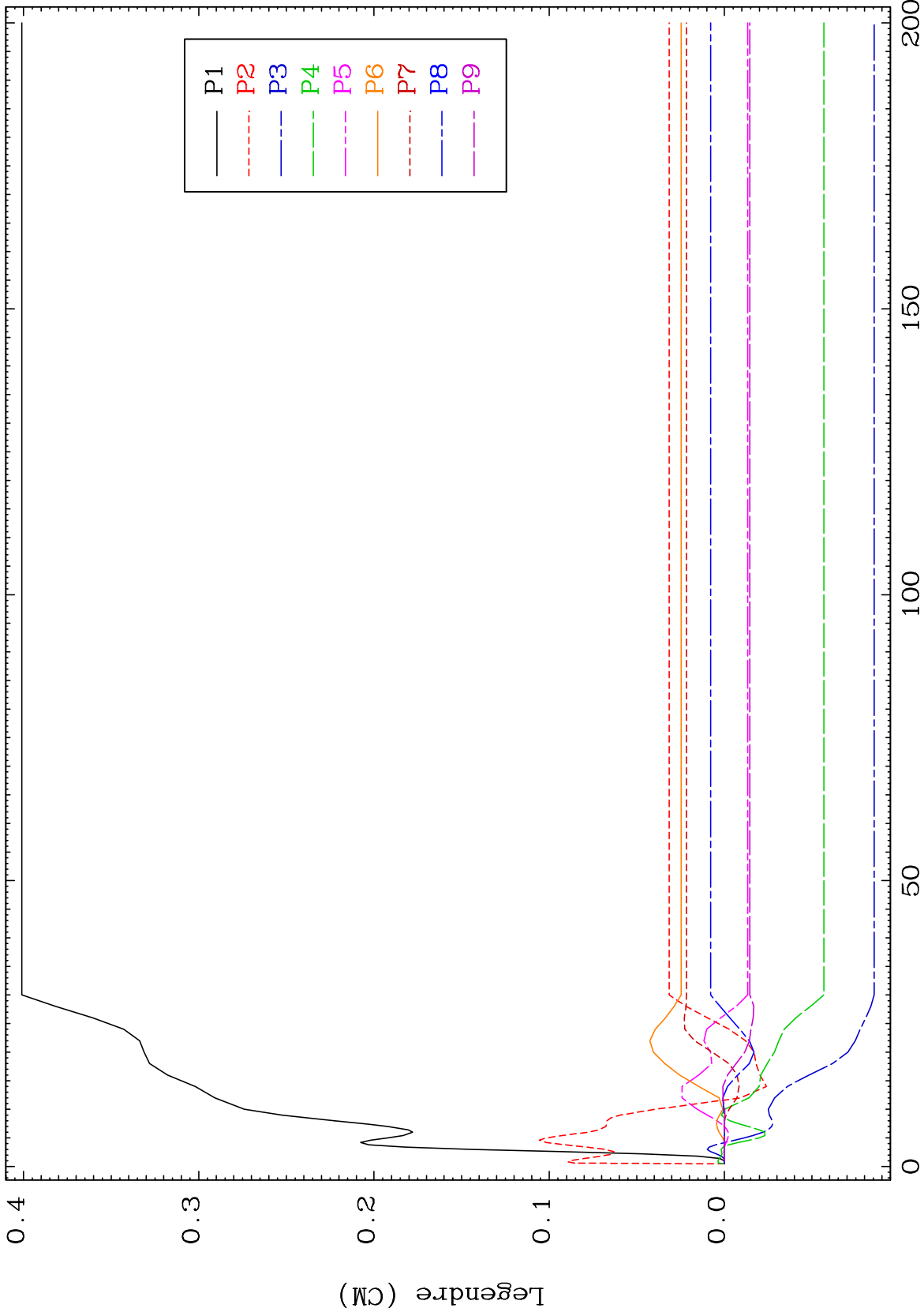


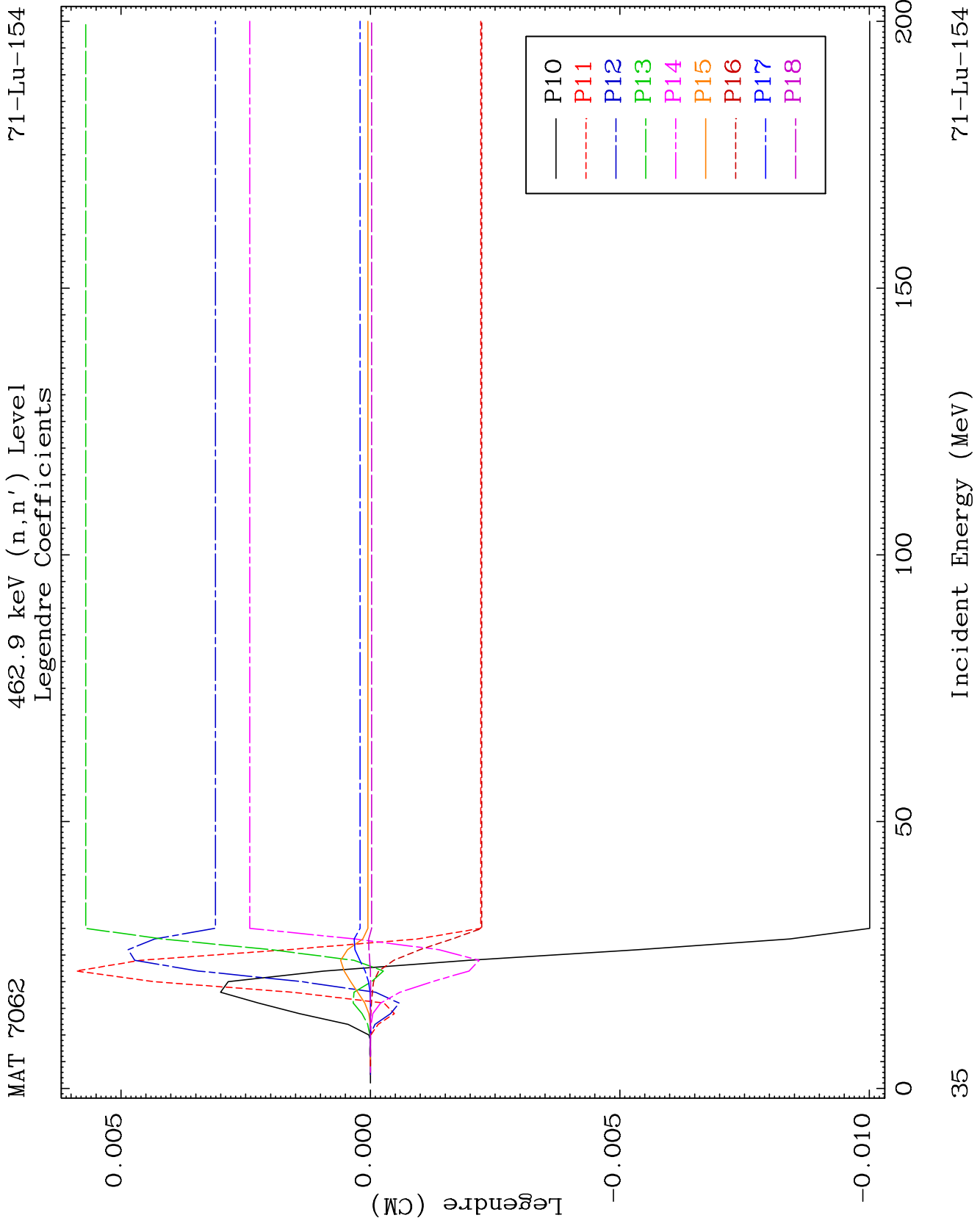
71-Lu-154

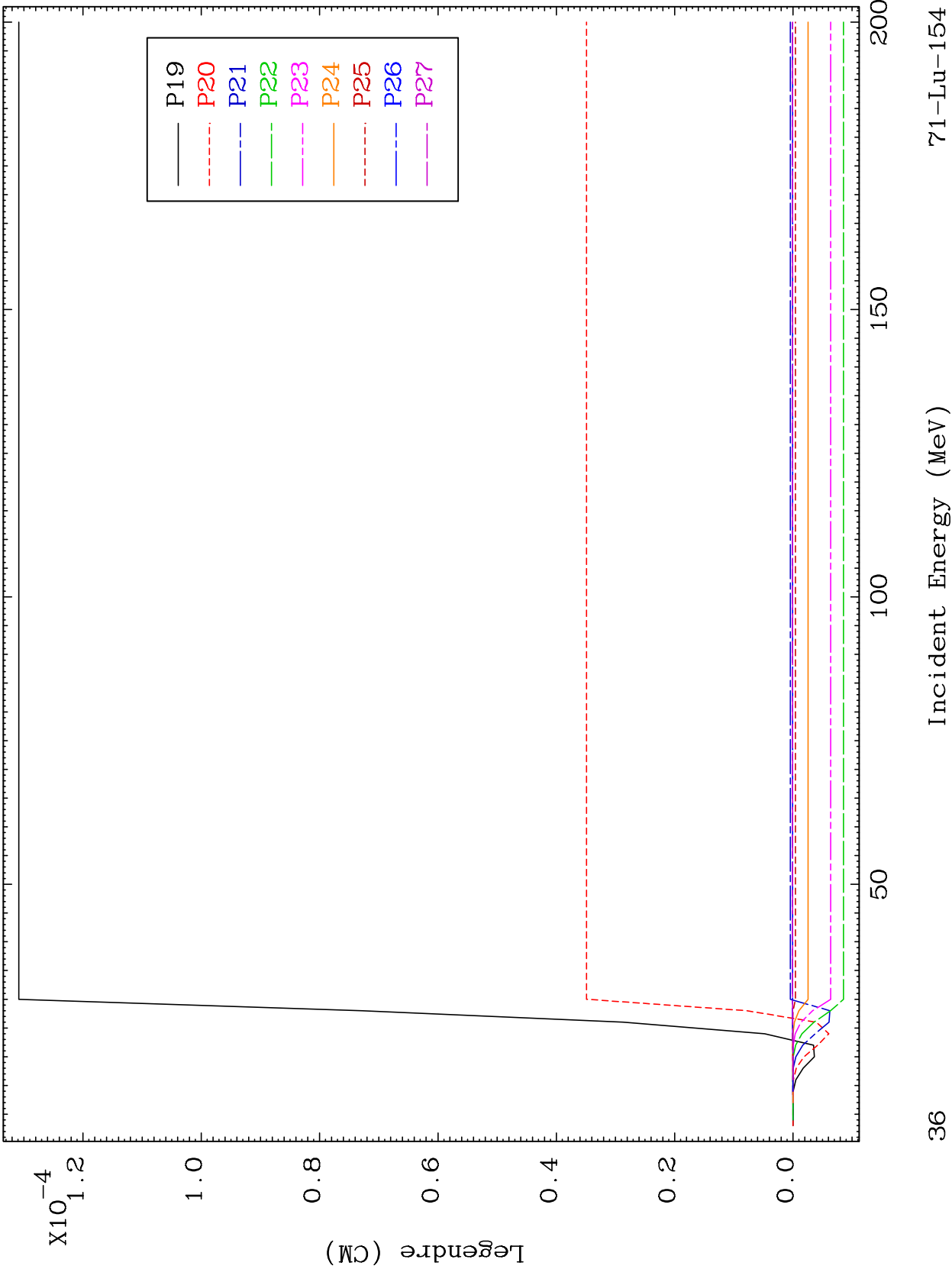
Incident Energy (MeV)

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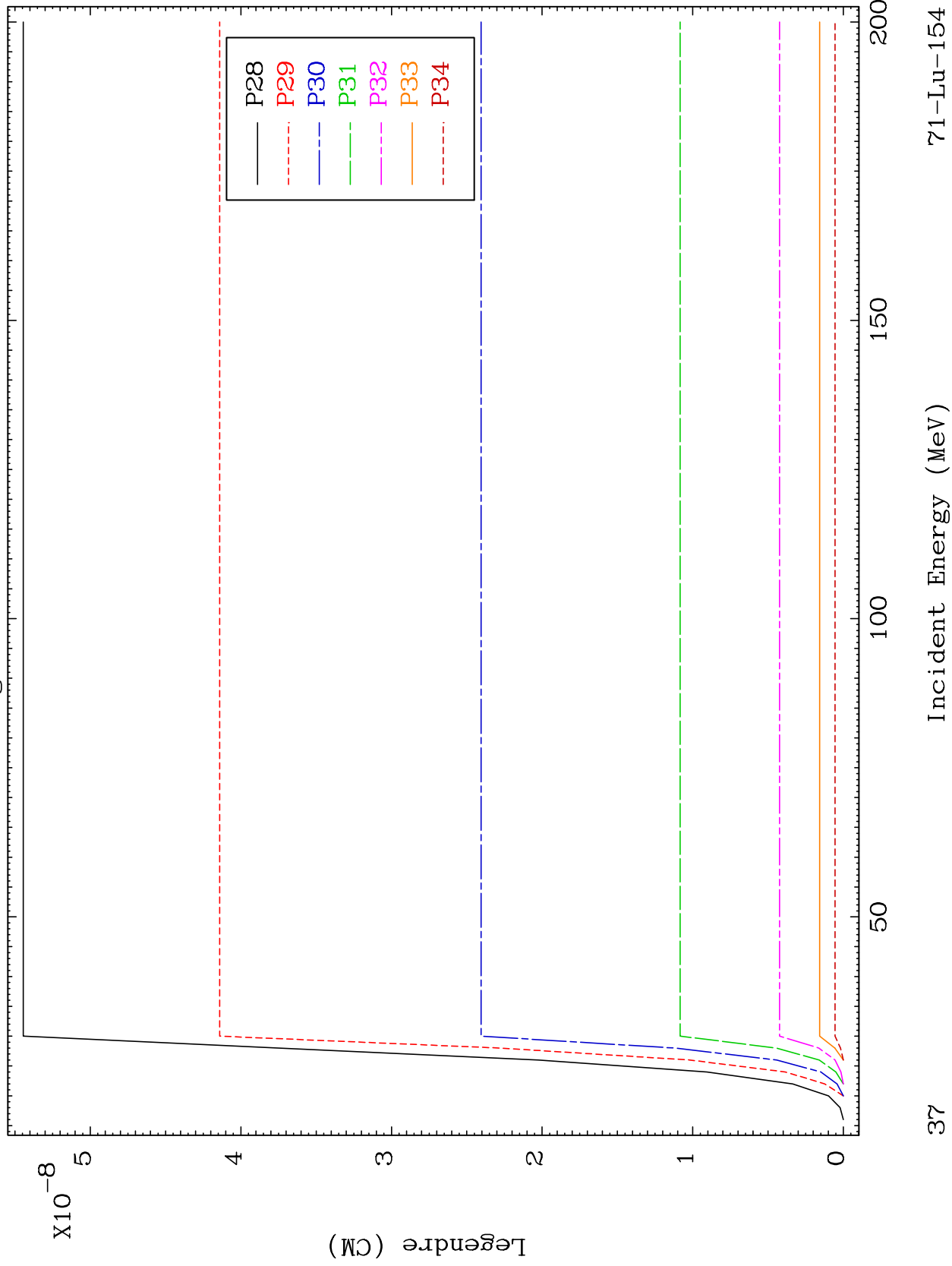




MAT 7062

462.9 keV (n,n') Level  
Legendre Coefficients

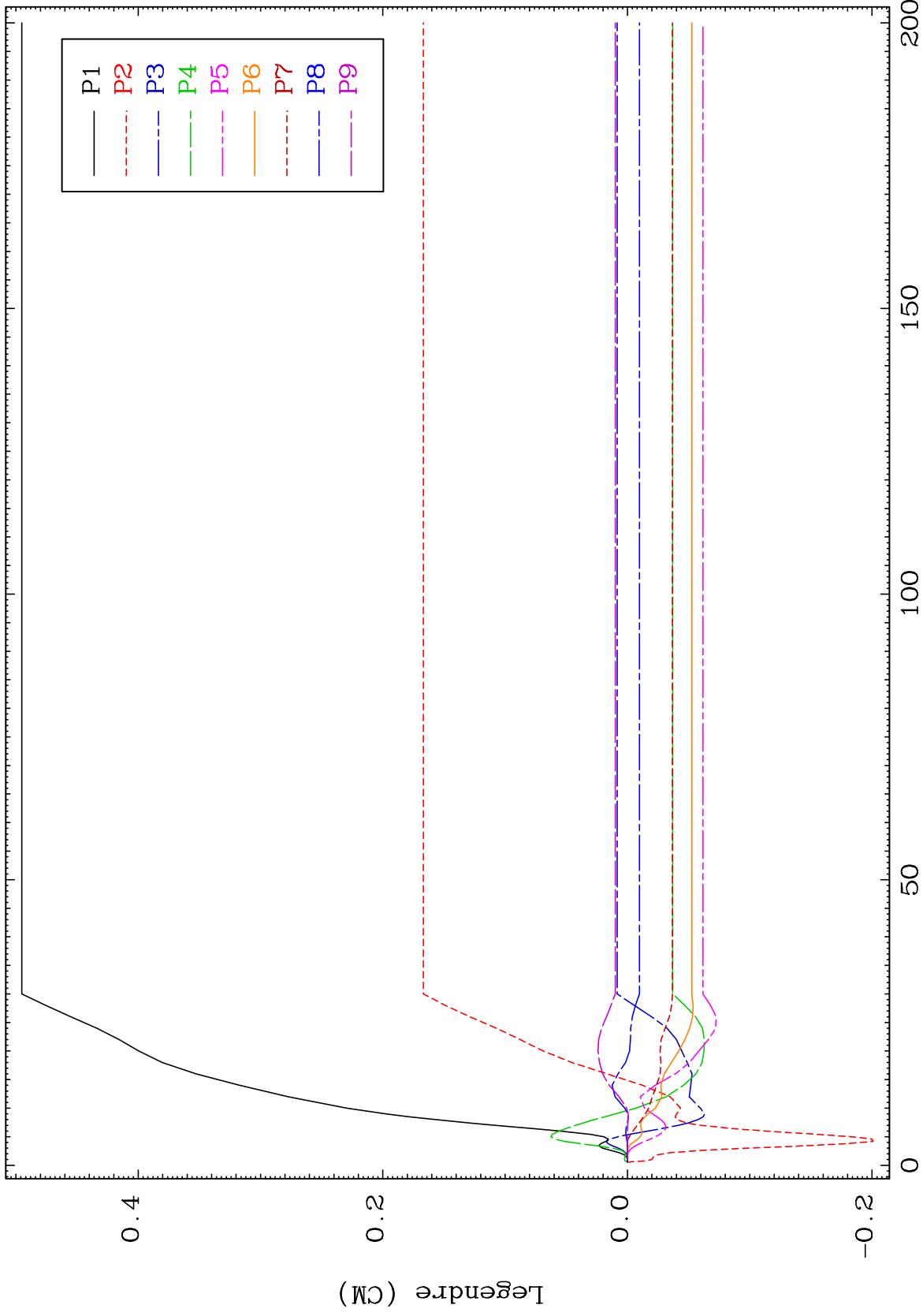
71-Lu-154



MAT 7062

487.1 keV (n,n') Level  
Legendre Coefficients

71-Lu-154



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71-Lu-154

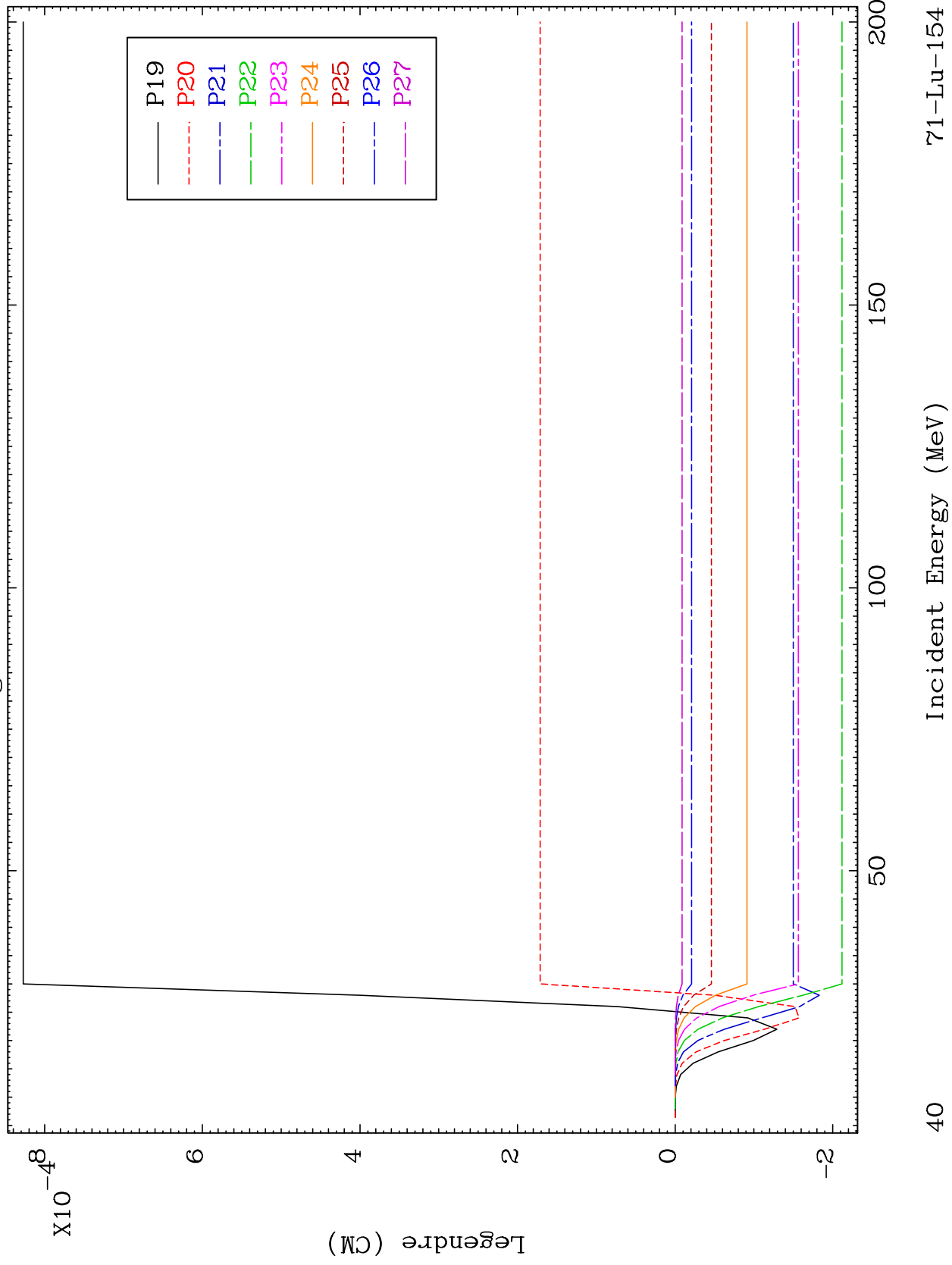


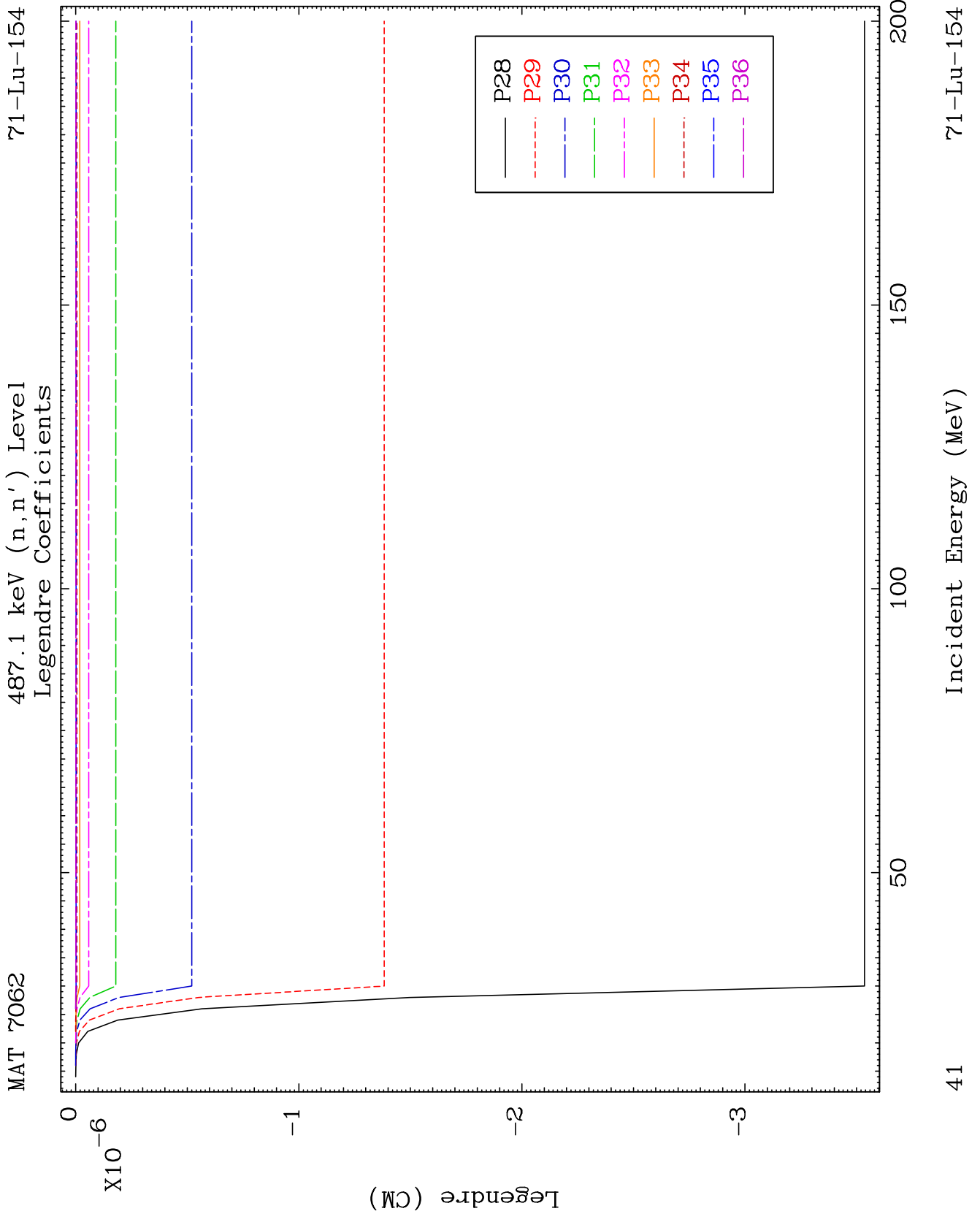


MAT 7062

487.1 keV (n,n') Level  
Legendre Coefficients

71-Lu-154



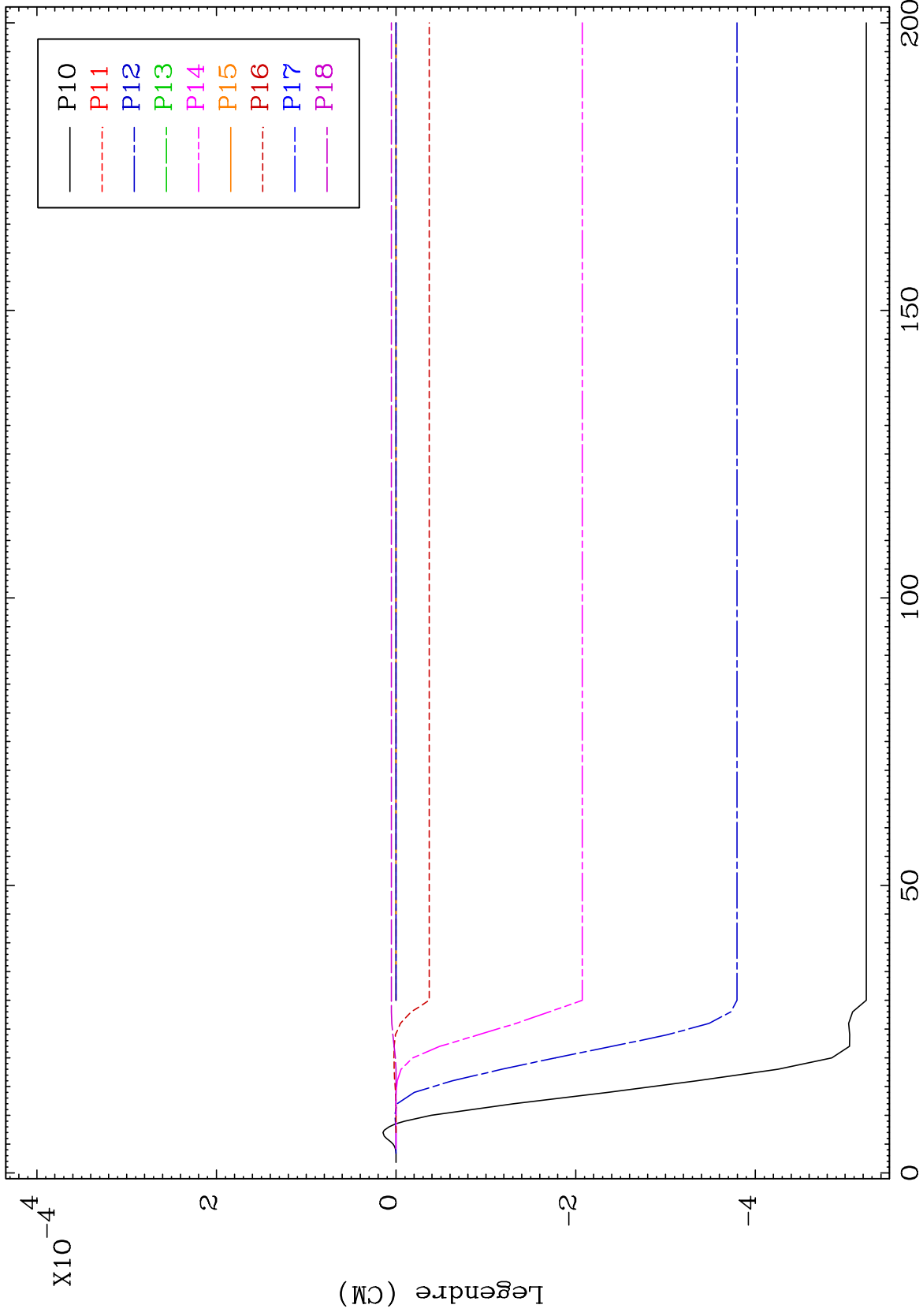




MAT 7062

517.5 keV (n,n') Level  
Legendre Coefficients

71-Lu-154



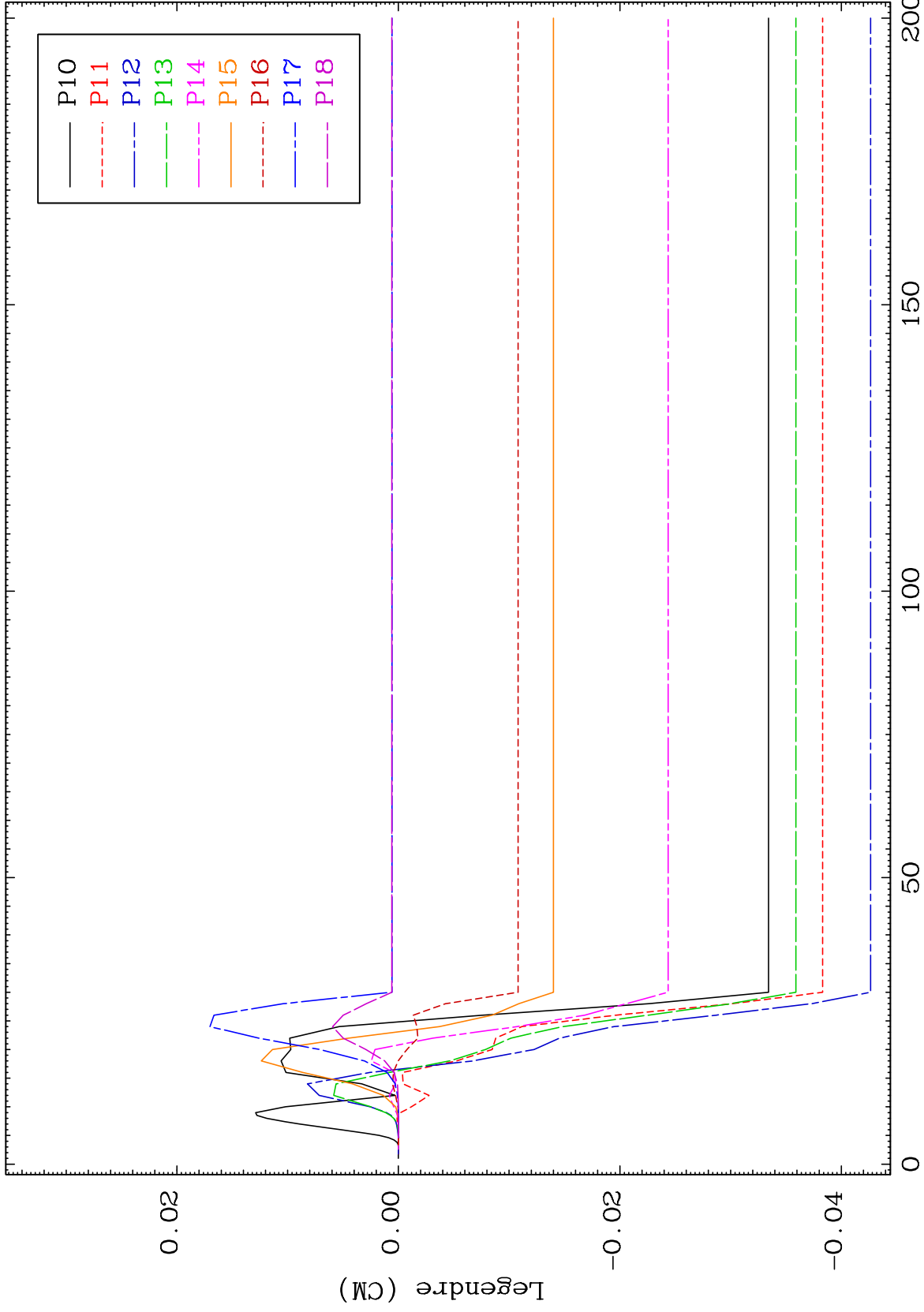
43

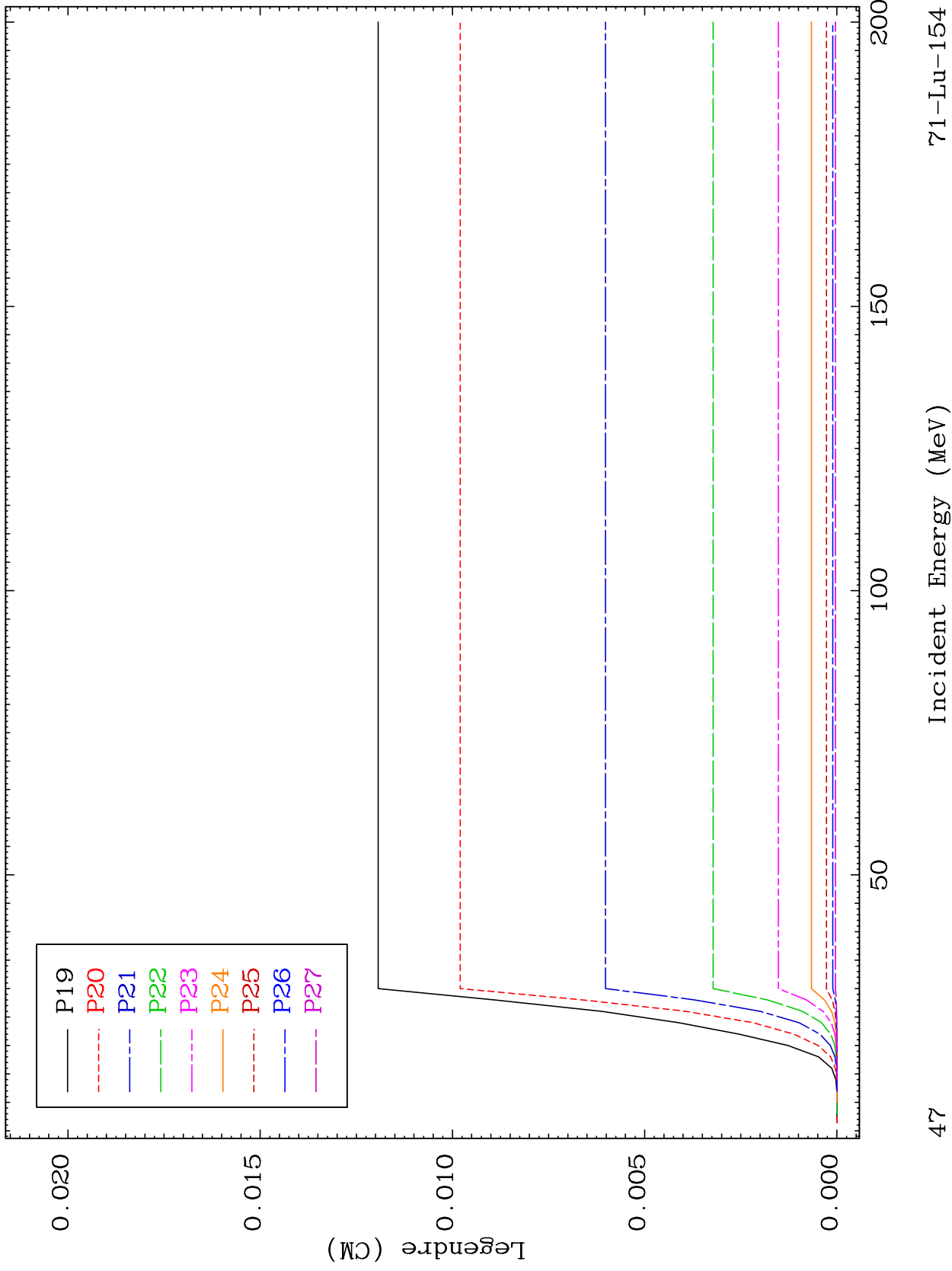
Incident Energy (MeV)

71-Lu-154

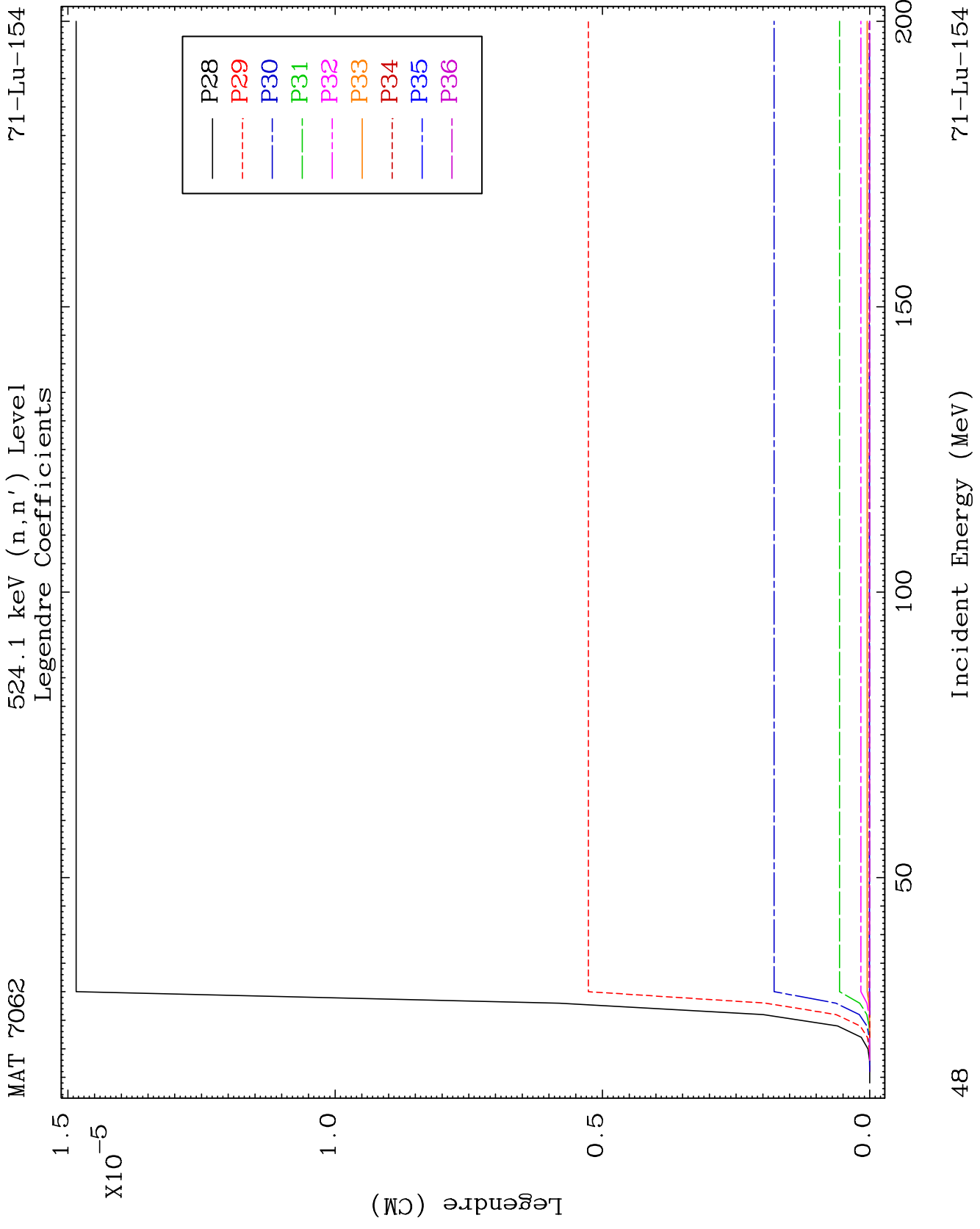


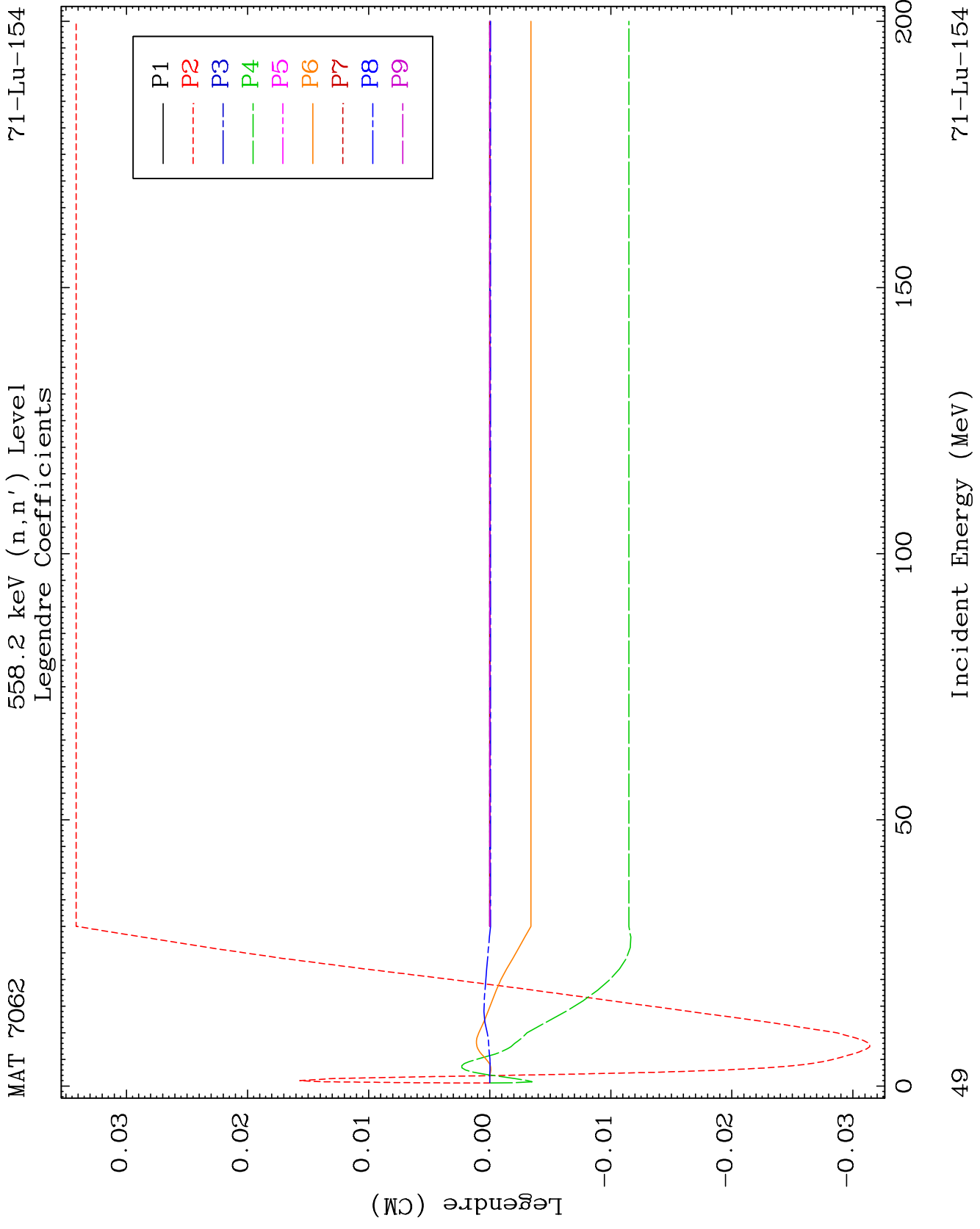








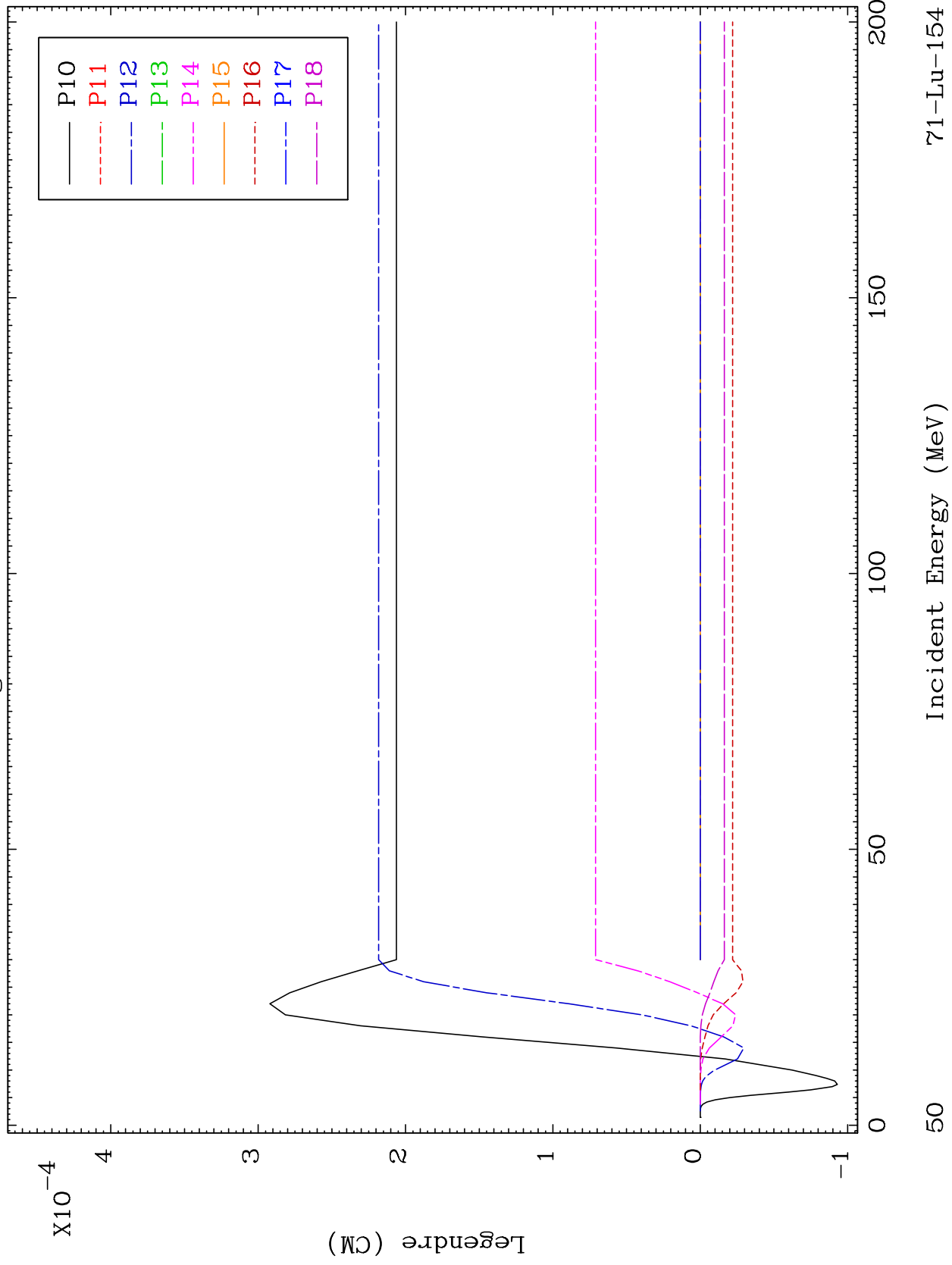




MAT 7062

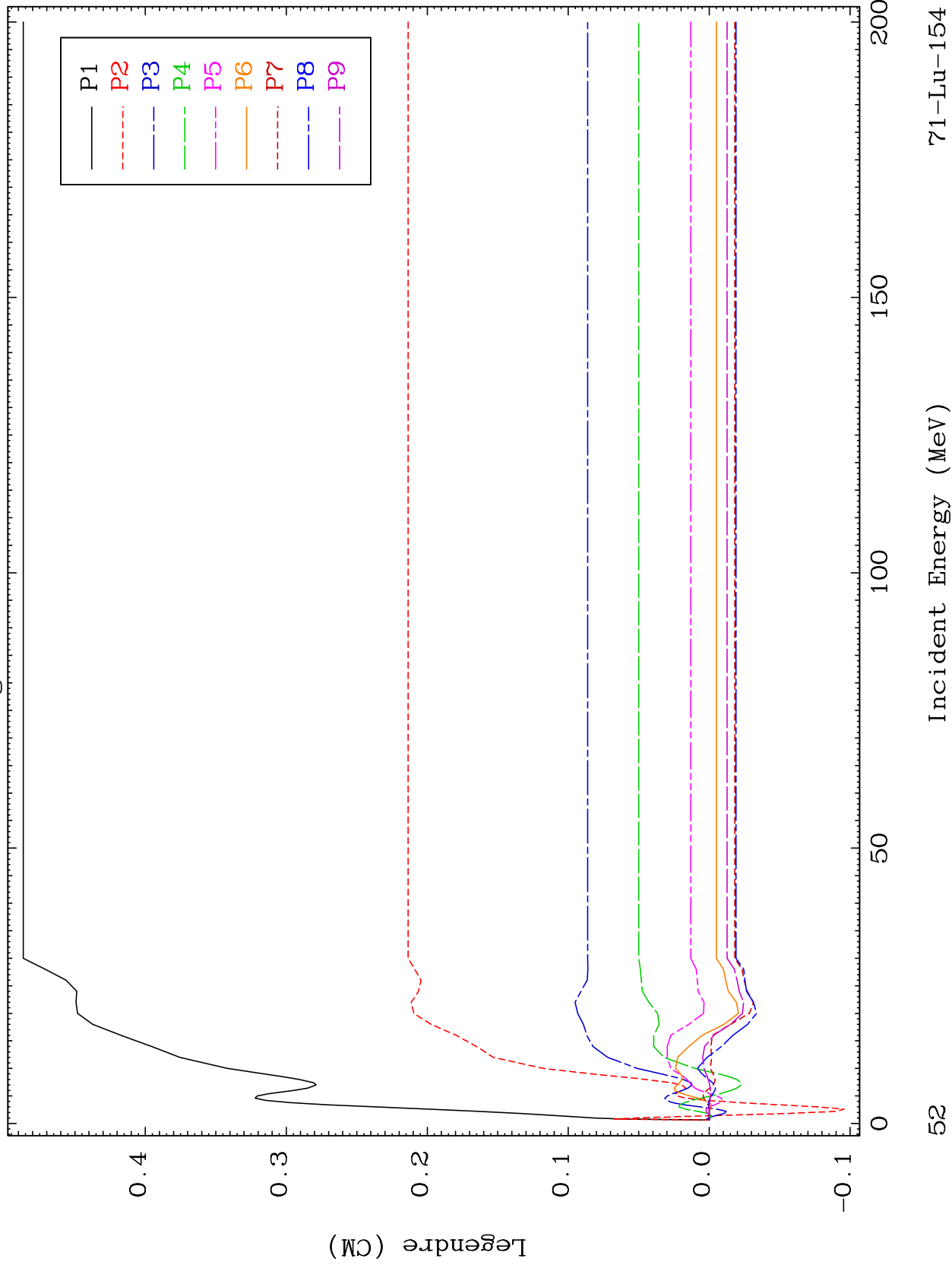
558.2 keV (n,n') Level  
Legendre Coefficients

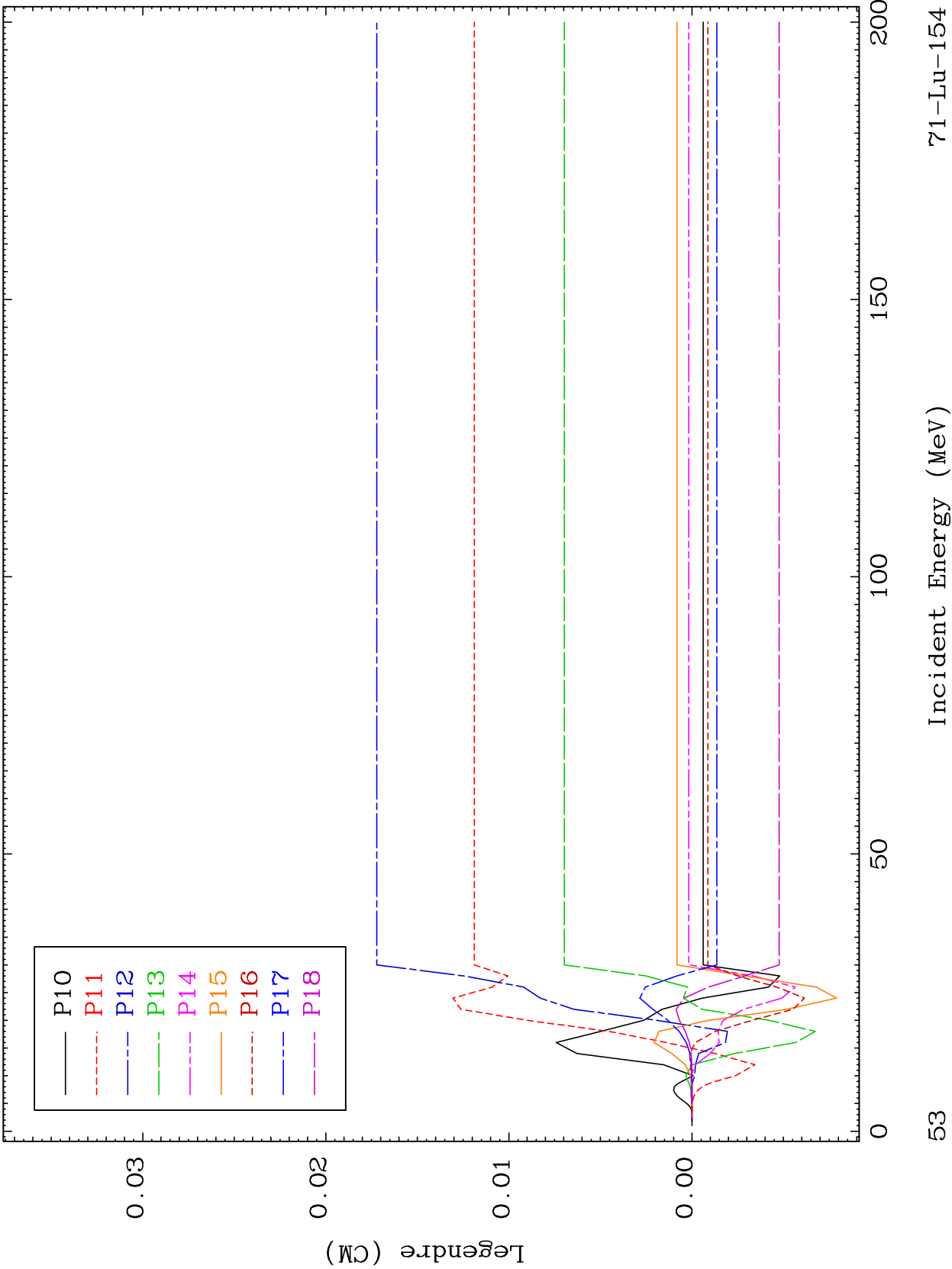
<sup>71</sup>Lu-154

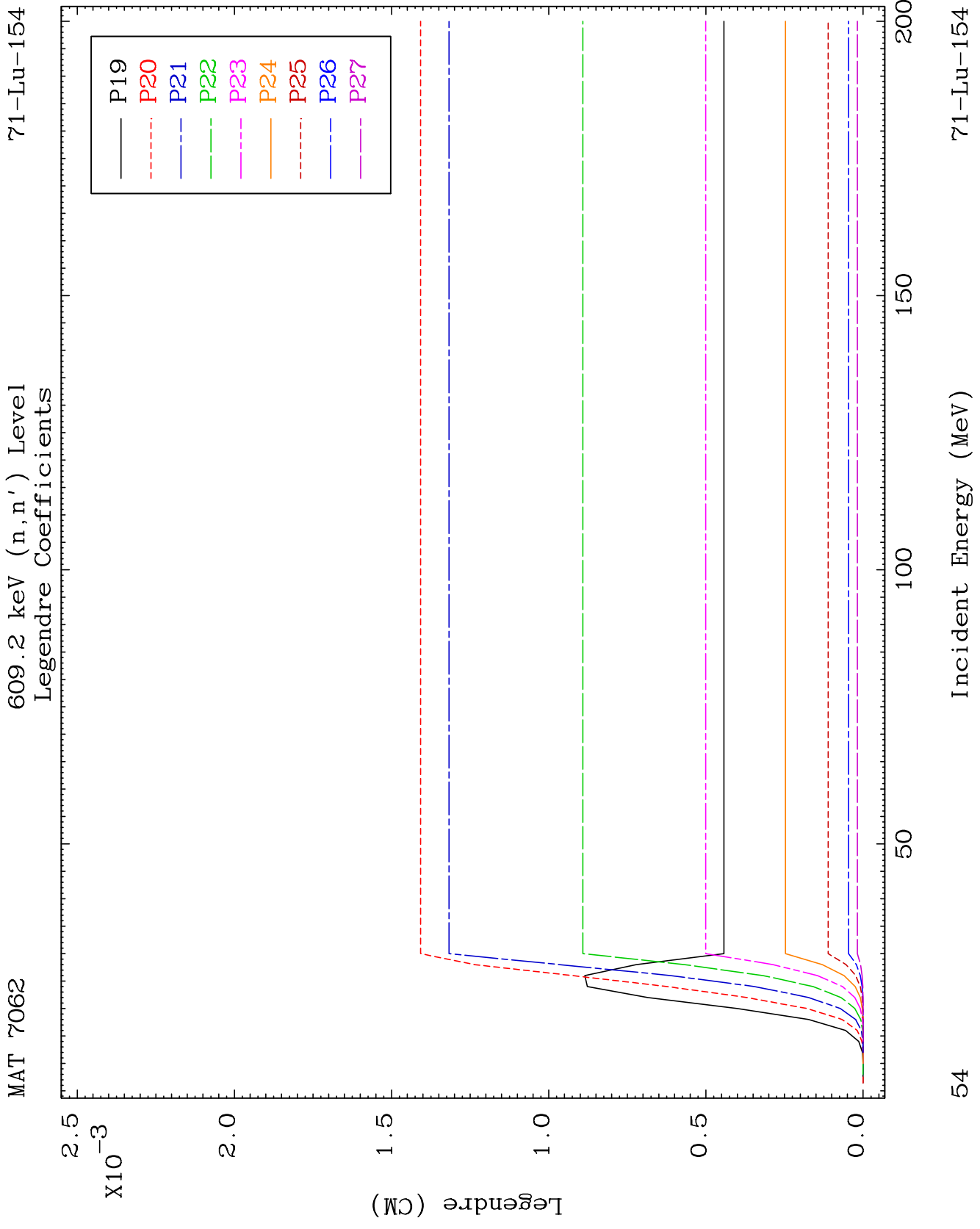


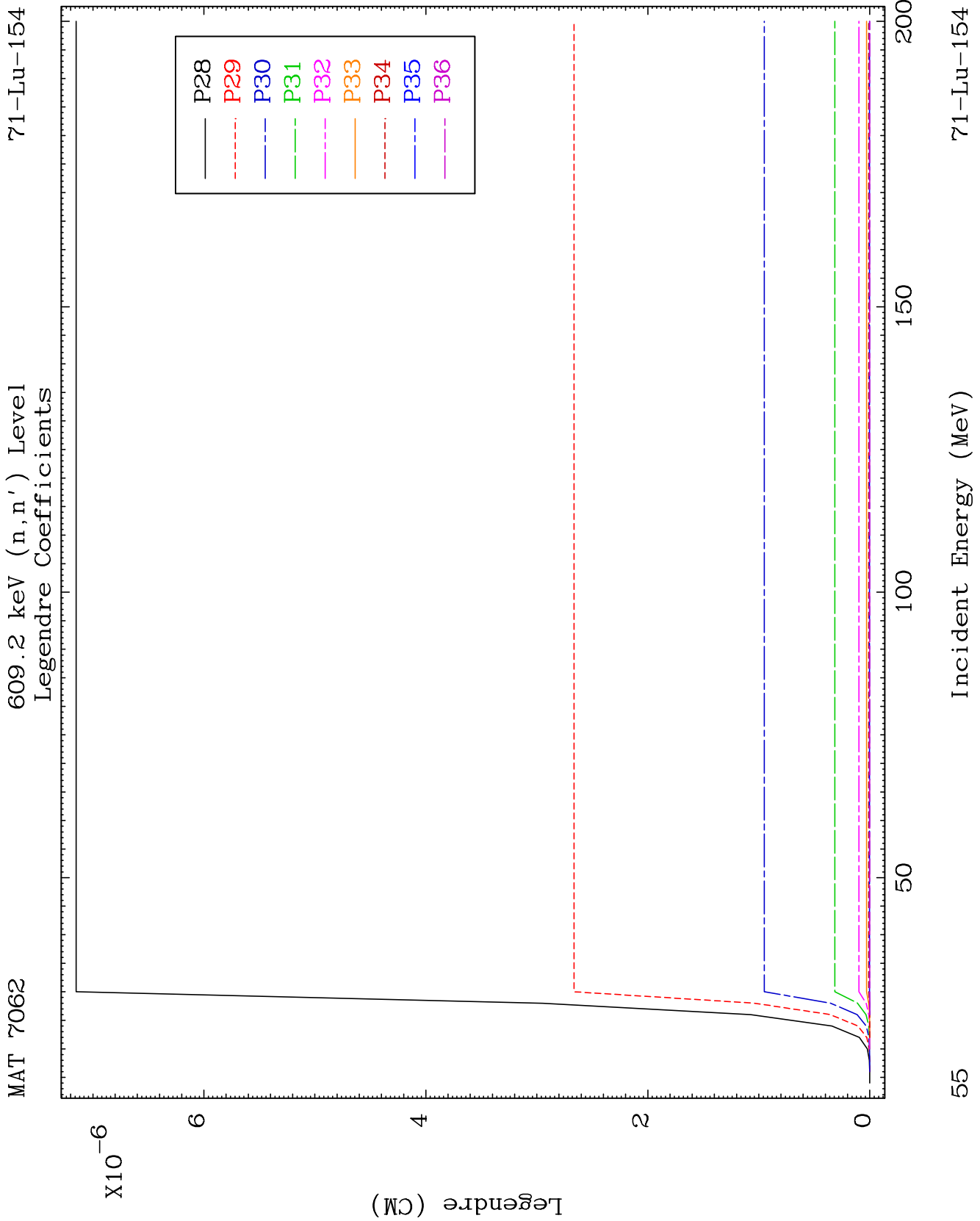
<sup>71</sup>Lu-154









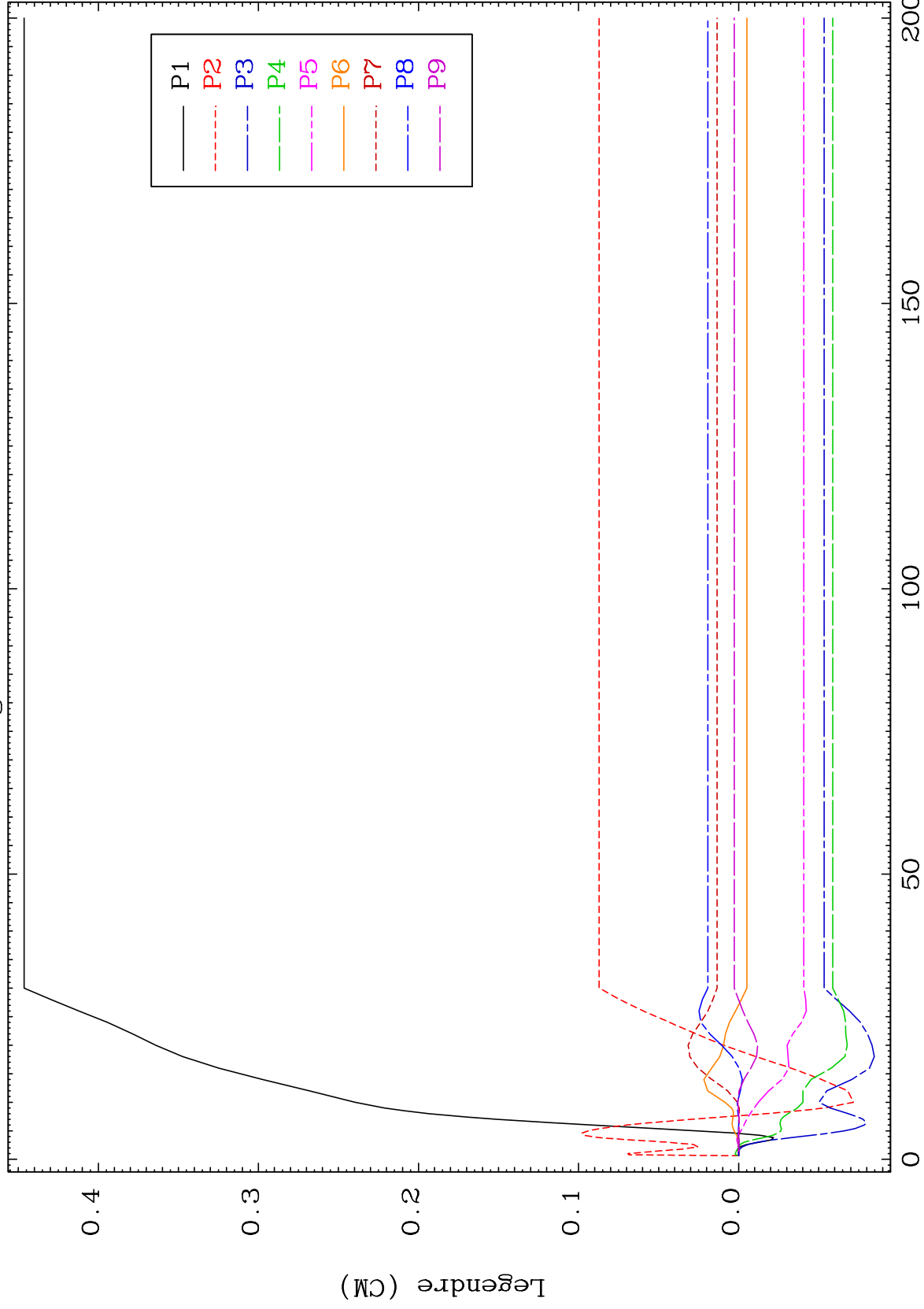




MAT 7062

624.9 keV (n, n') Level  
Legendre Coefficients

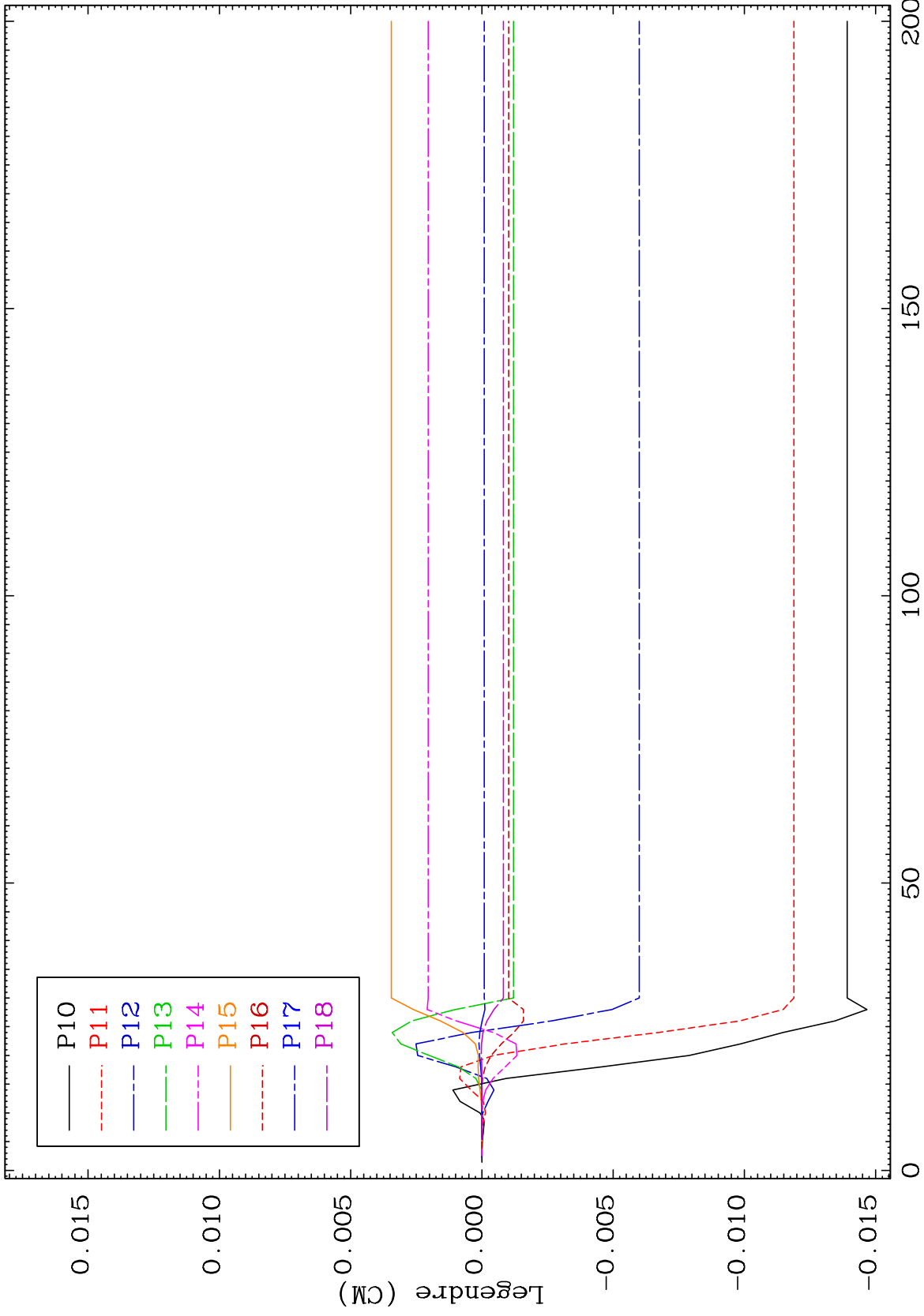
71-Lu-154

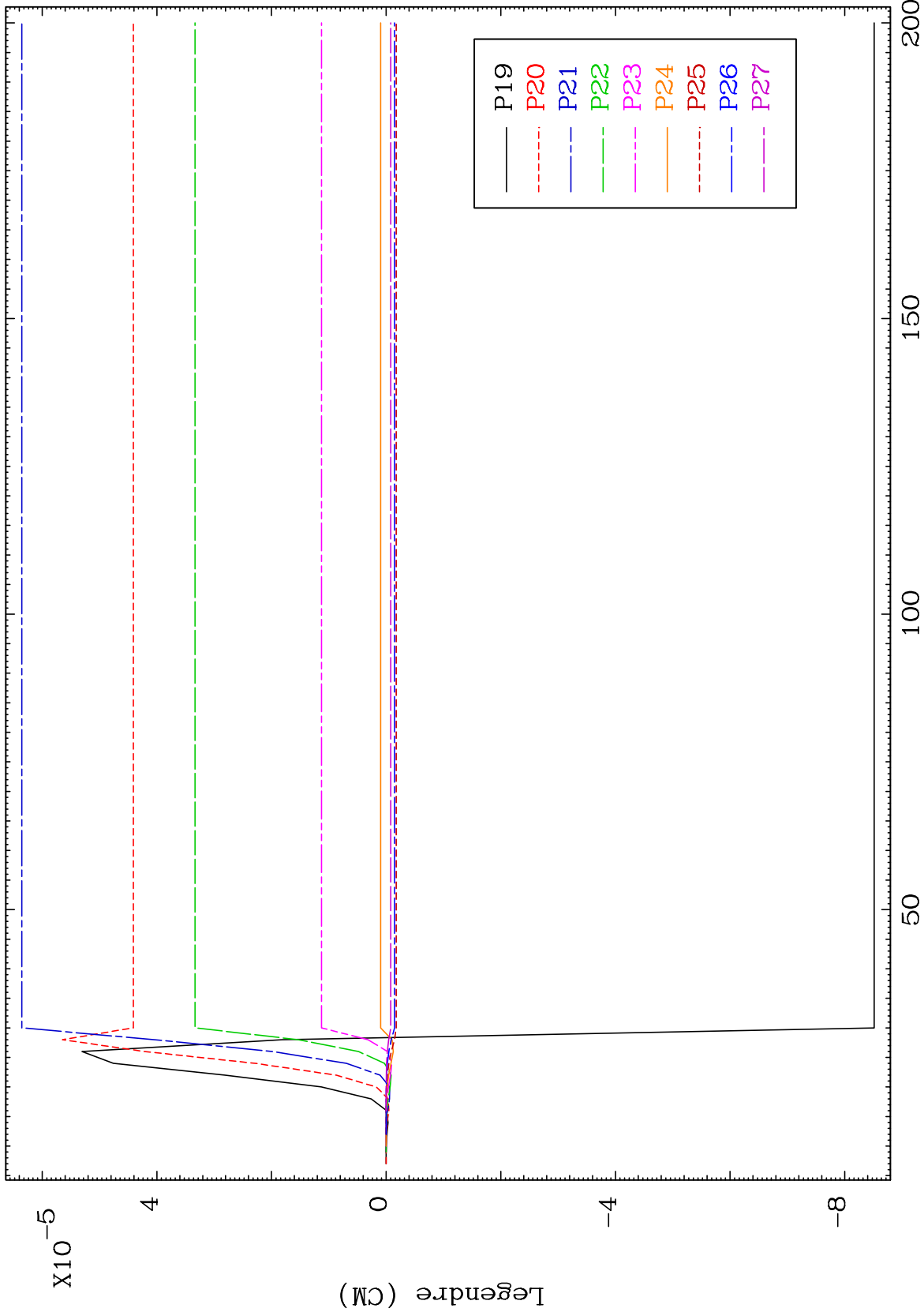


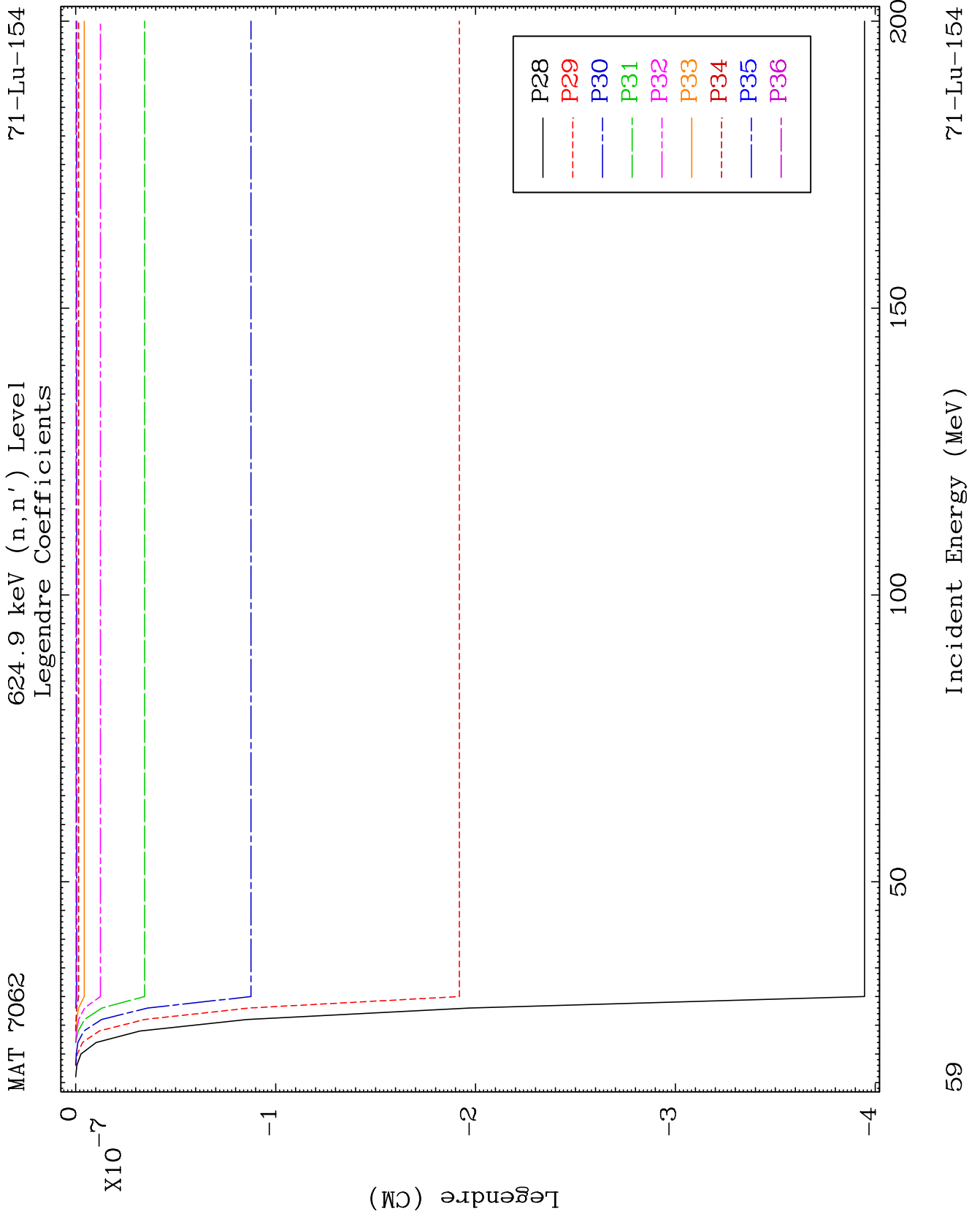
56

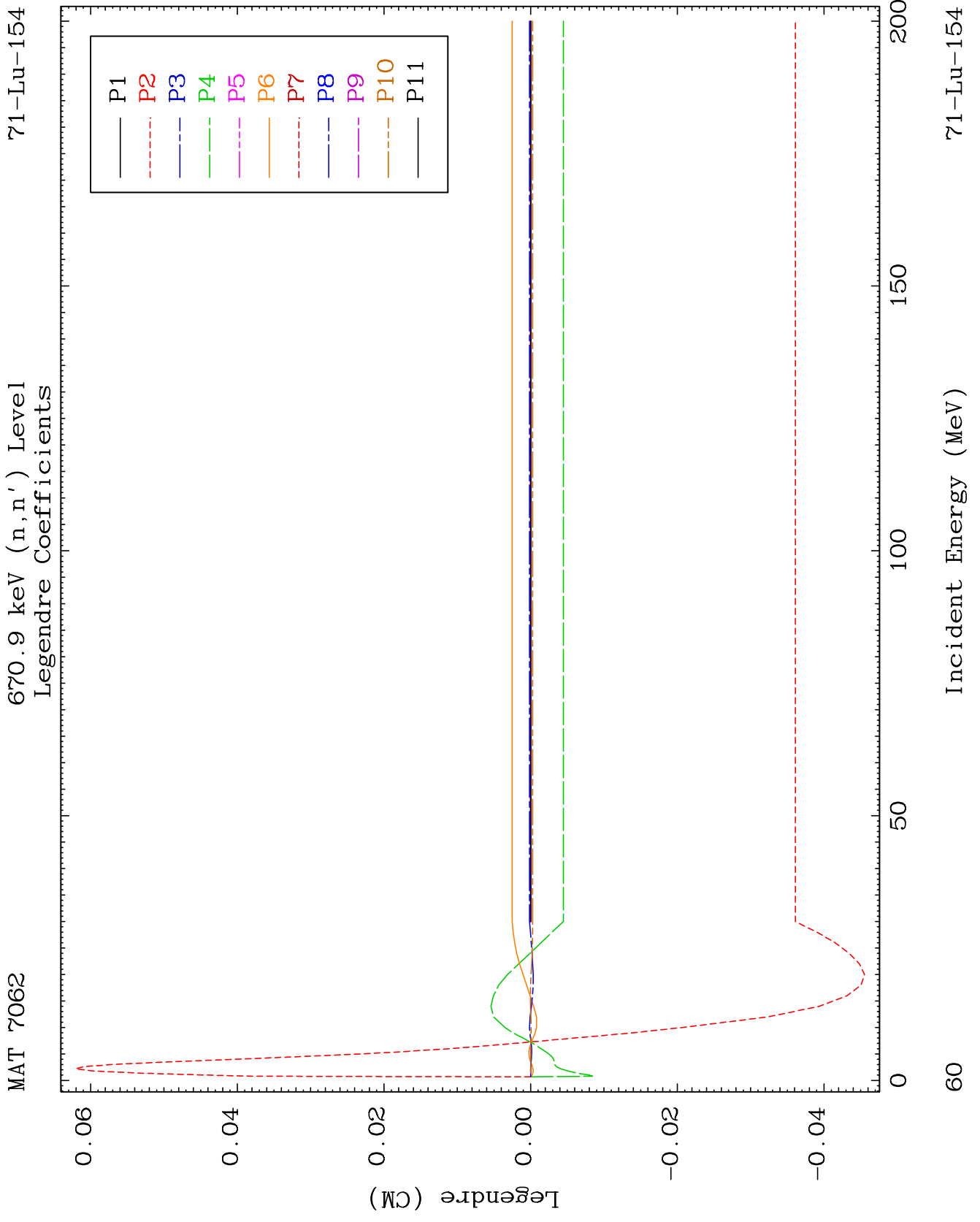
Incident Energy (MeV)

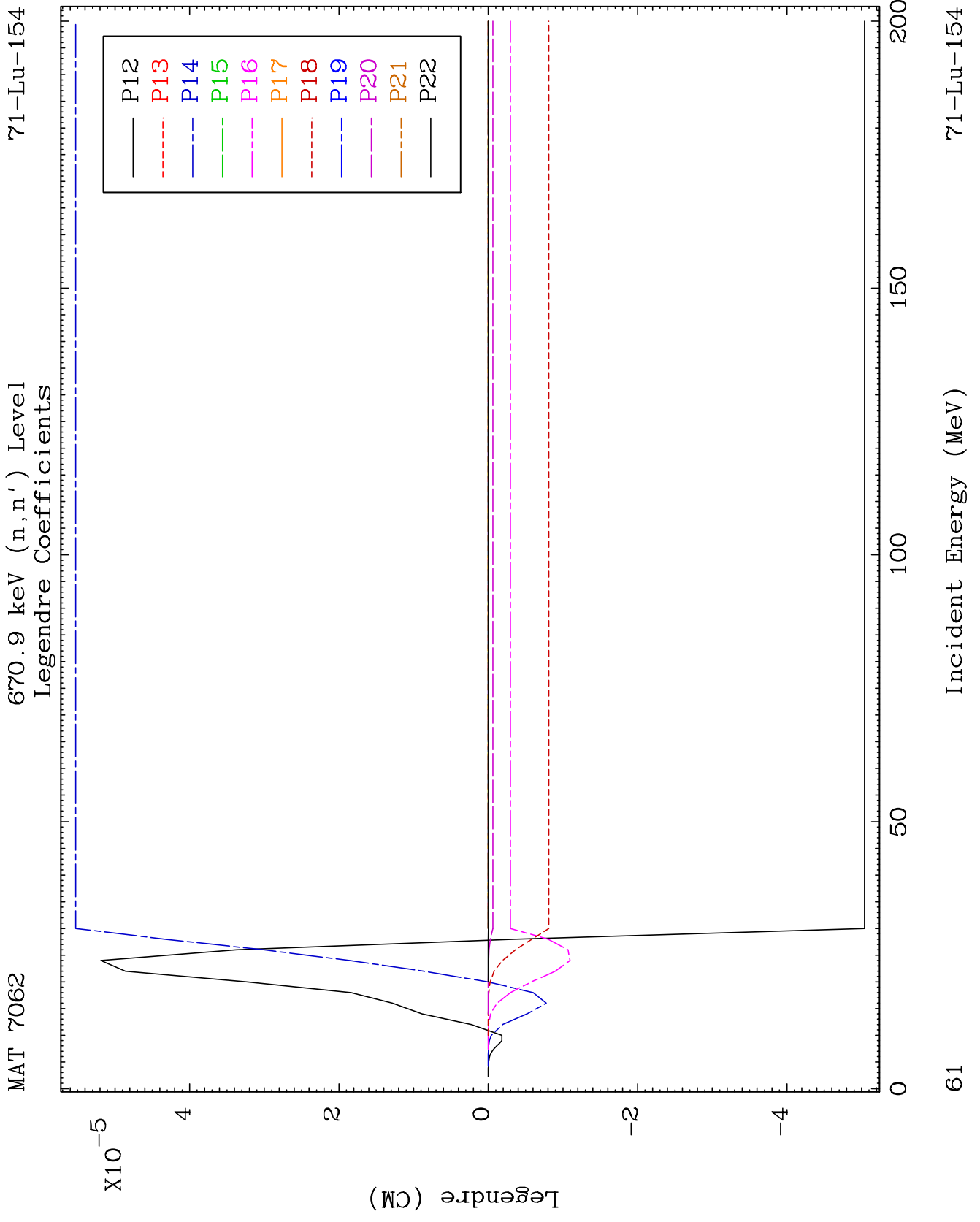
71-Lu-154

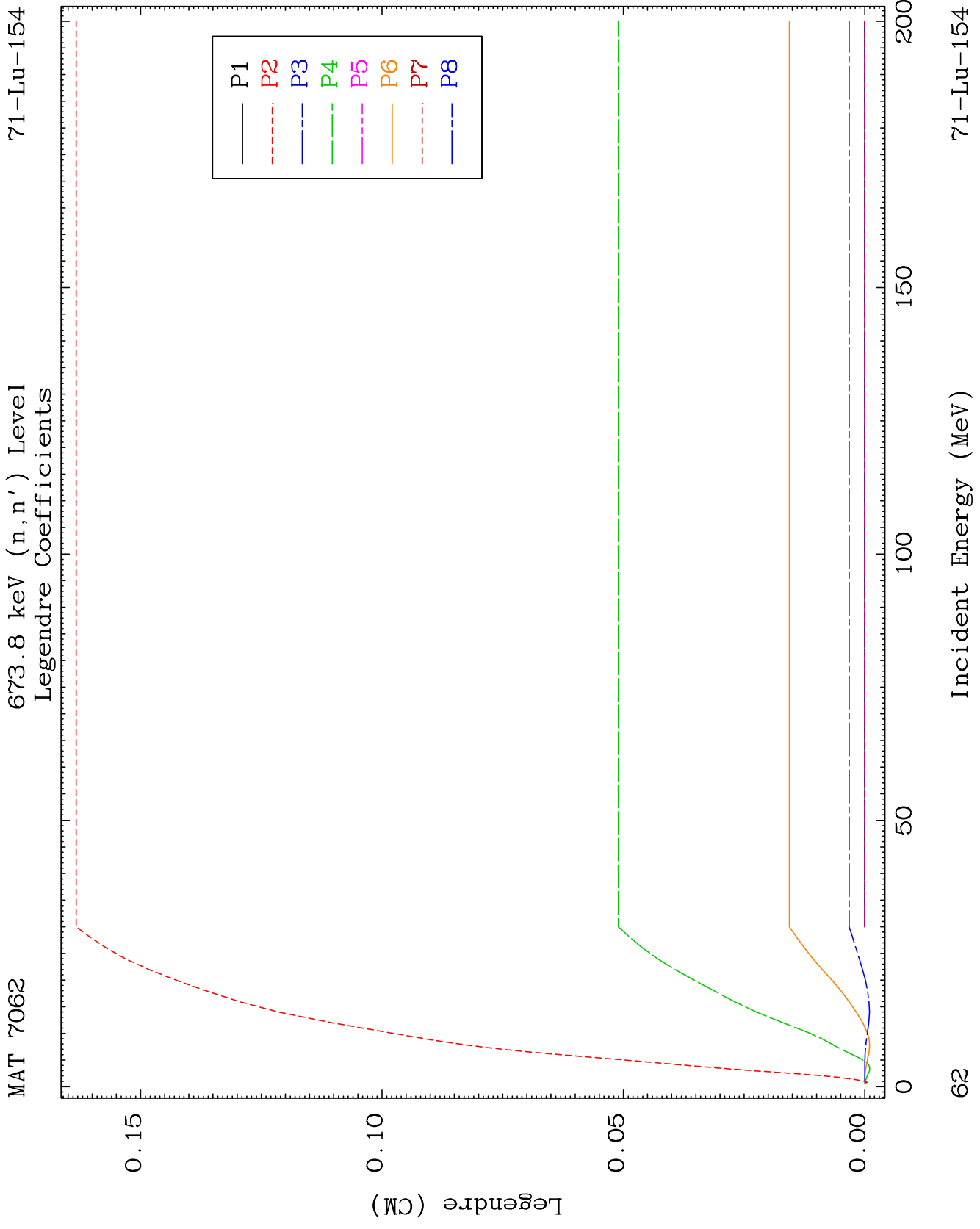


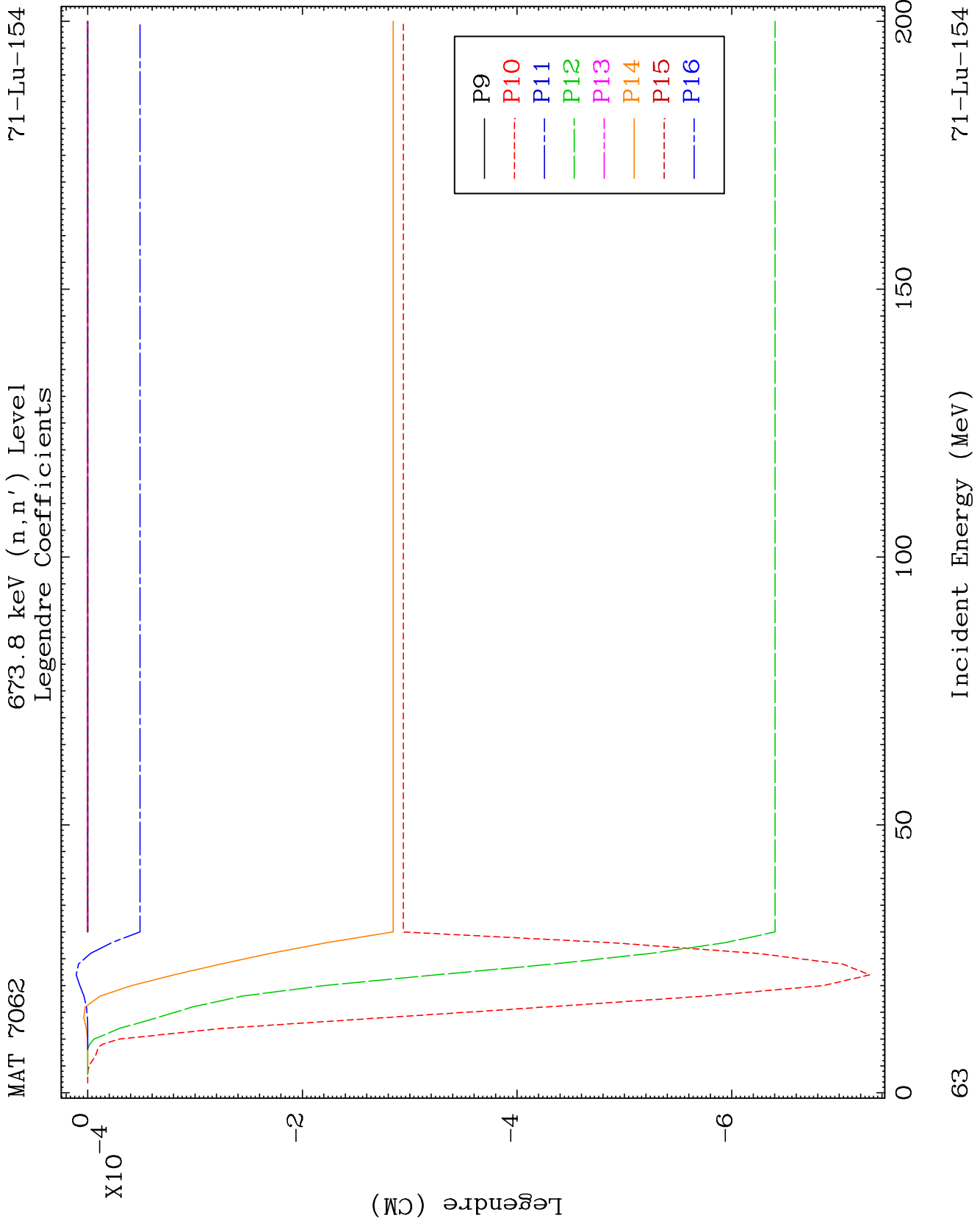






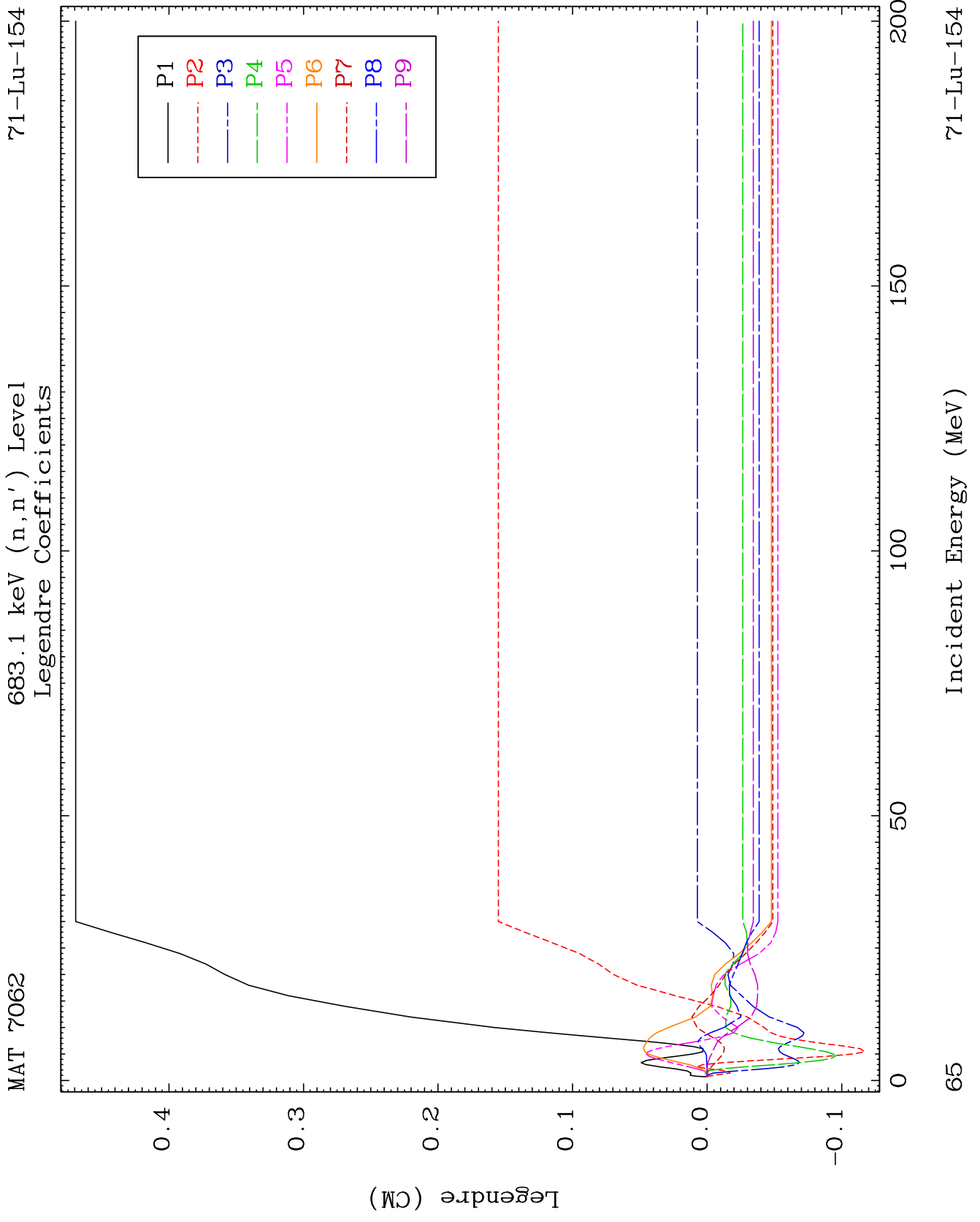








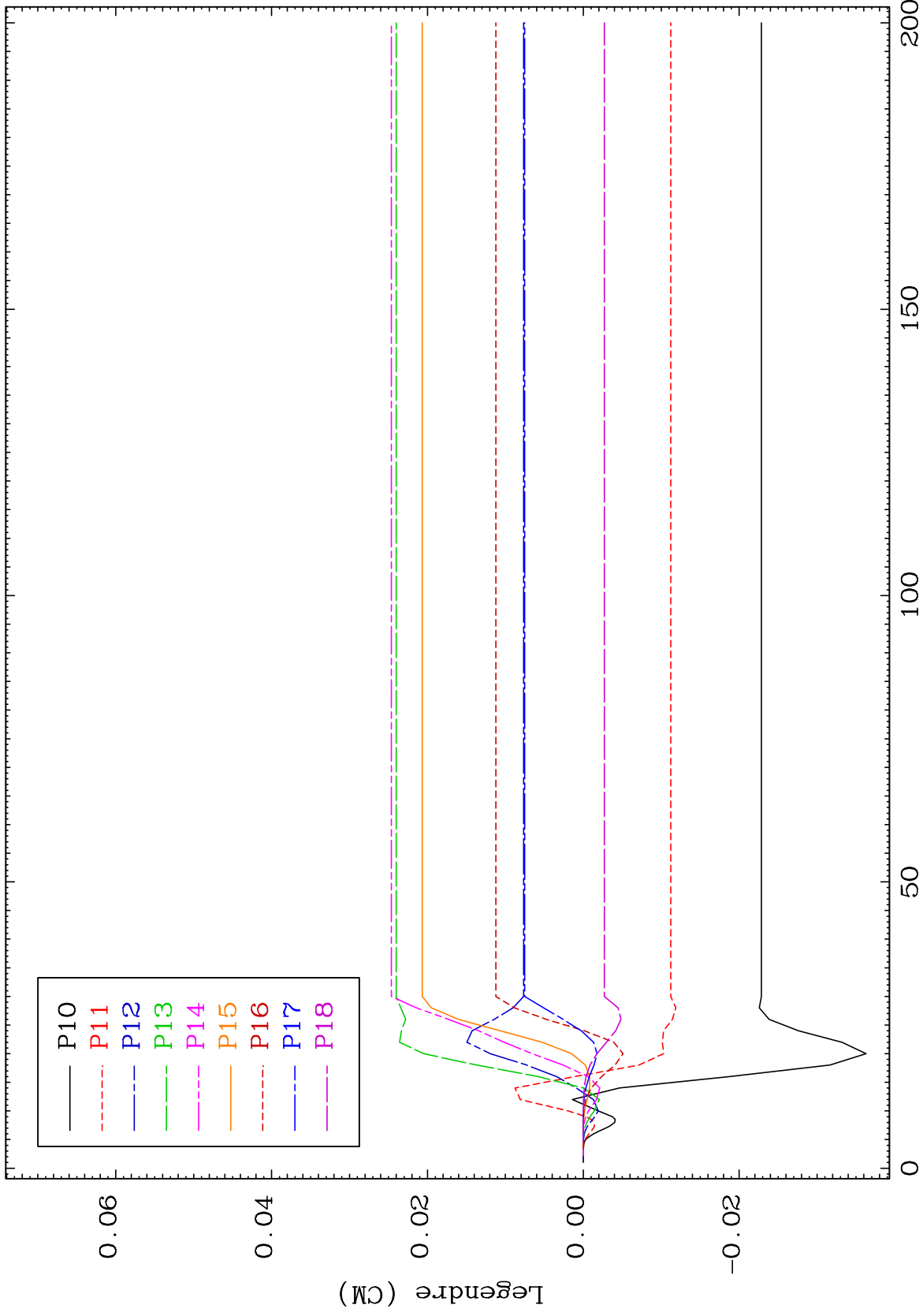




MAT 7062

683.1 keV (n,n') Level  
Legendre Coefficients

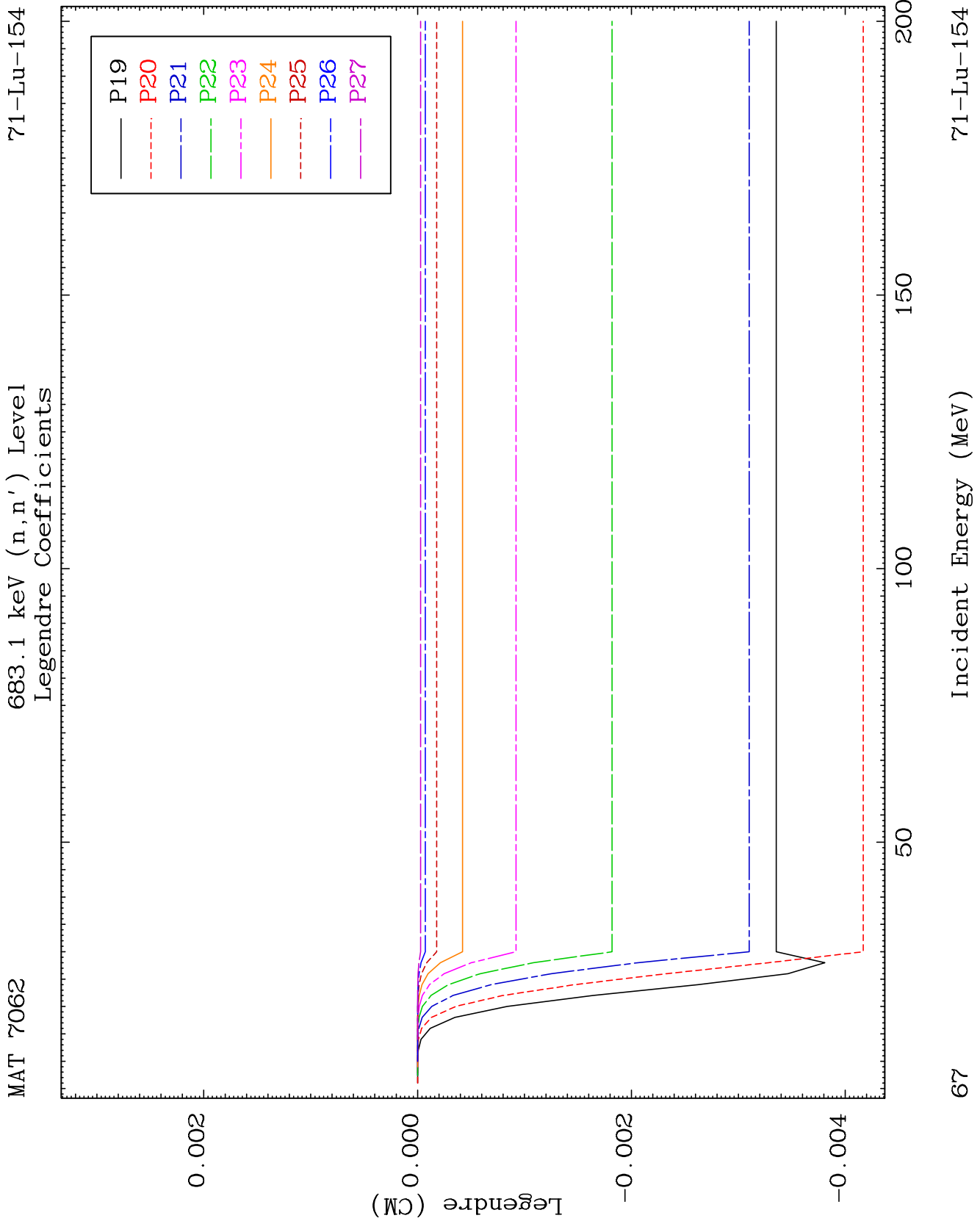
71-Lu-154

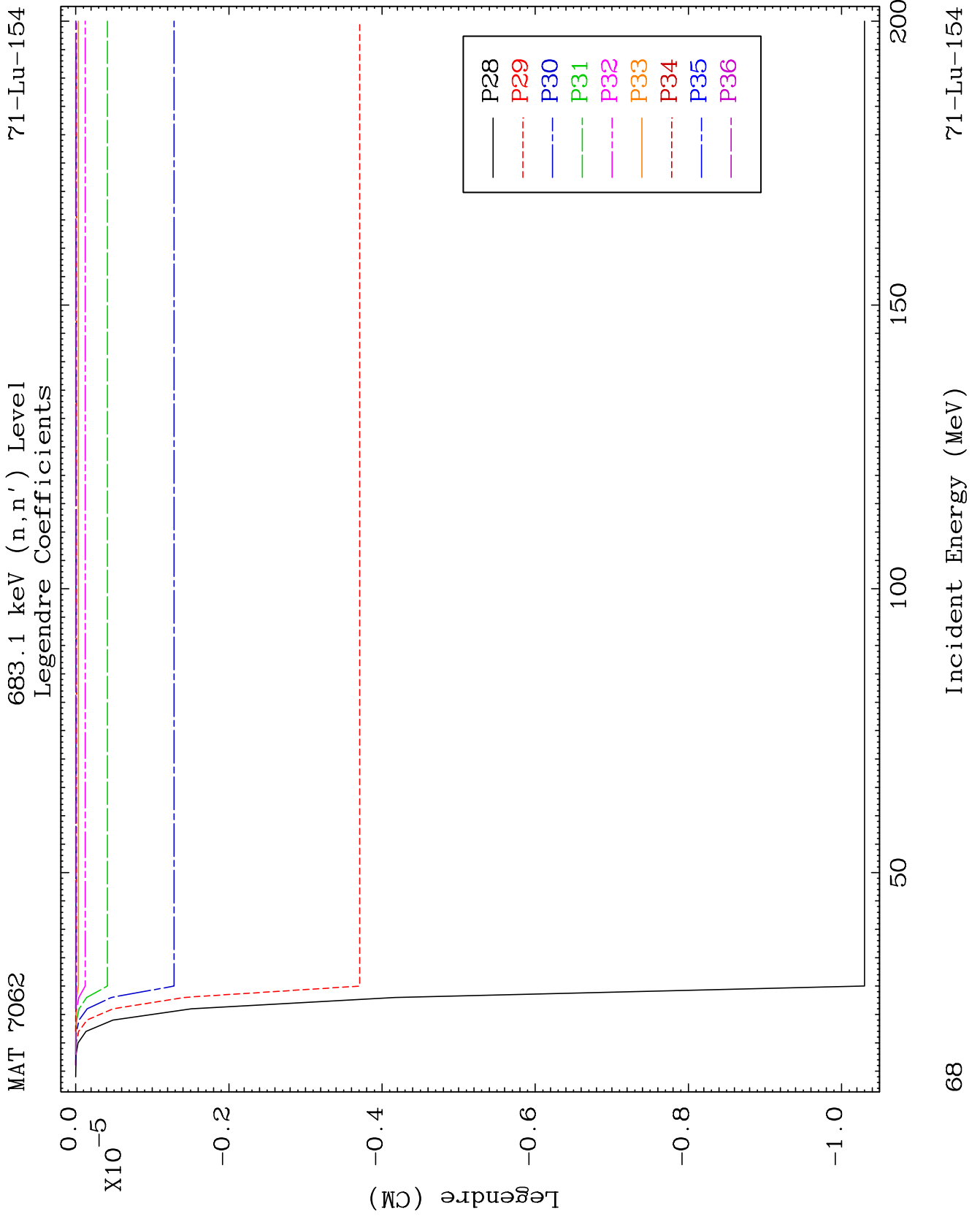


66

Incident Energy (MeV)

71-Lu-154

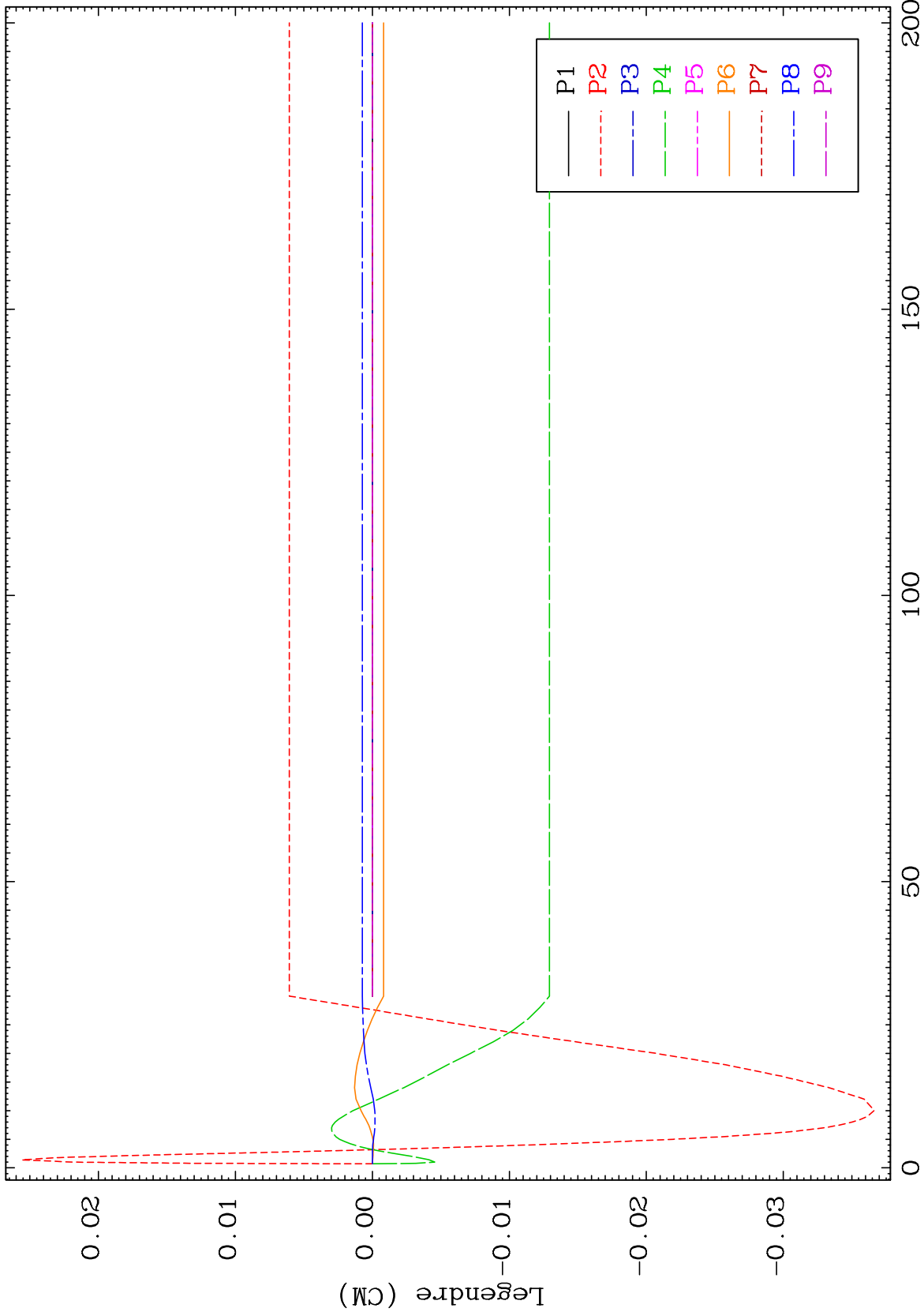




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698.7 keV (n,n') Level  
Legendre Coefficients

71-Lu-154



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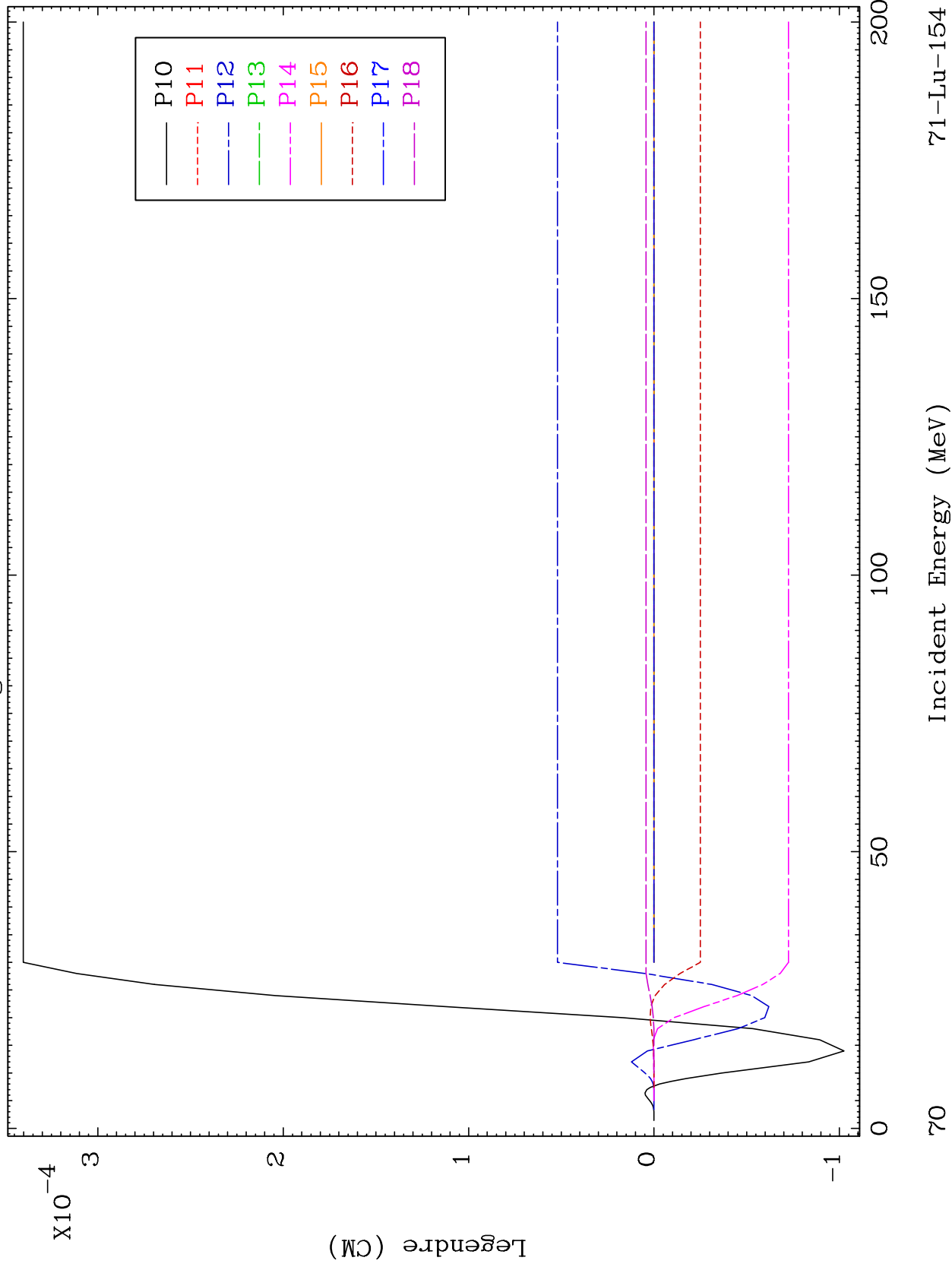
Incident Energy (MeV)

71-Lu-154

MAT 7062

698.7 keV (n, n') Level  
Legendre Coefficients

71-Lu-154



71-Lu-154

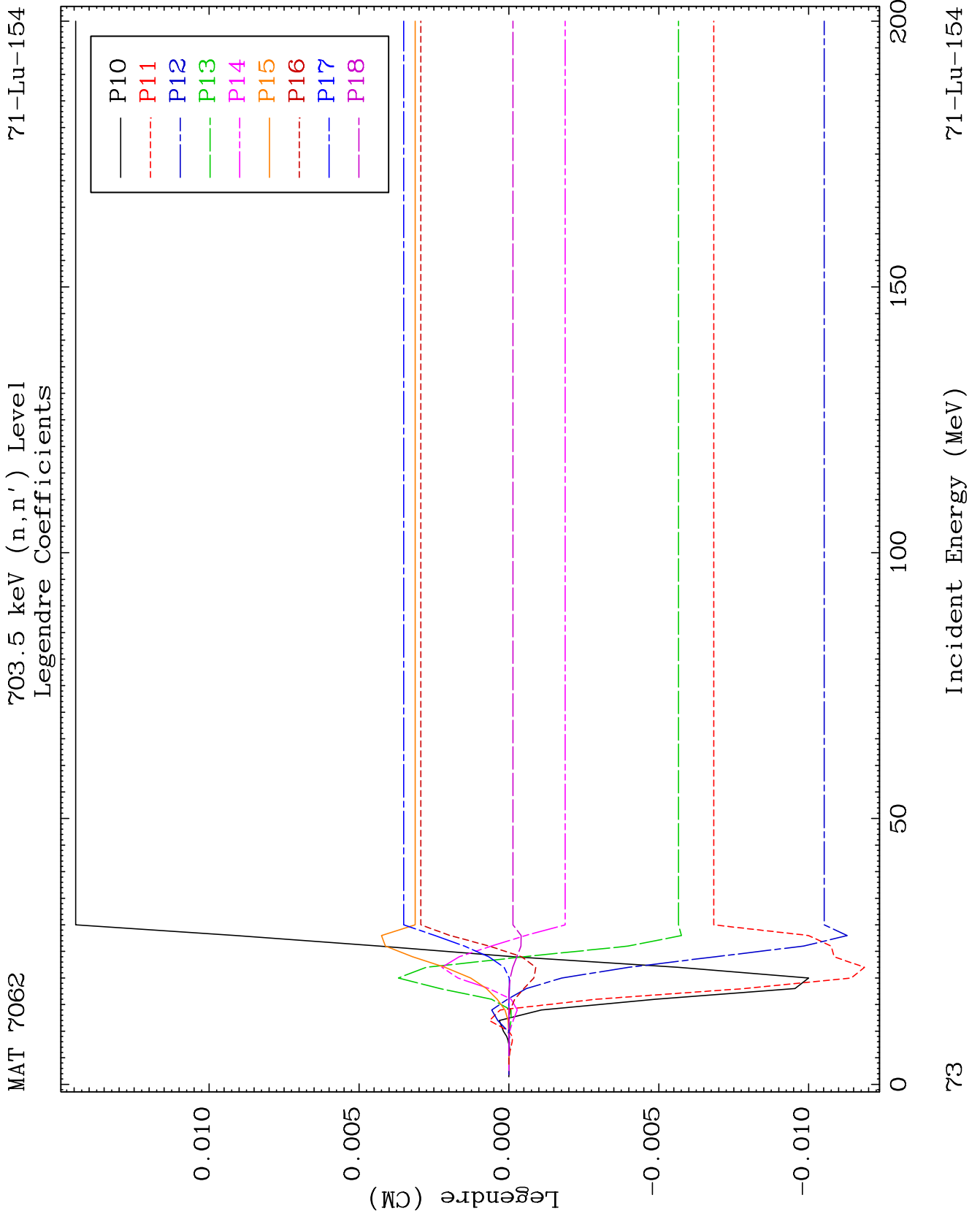
Incident Energy (MeV)

70





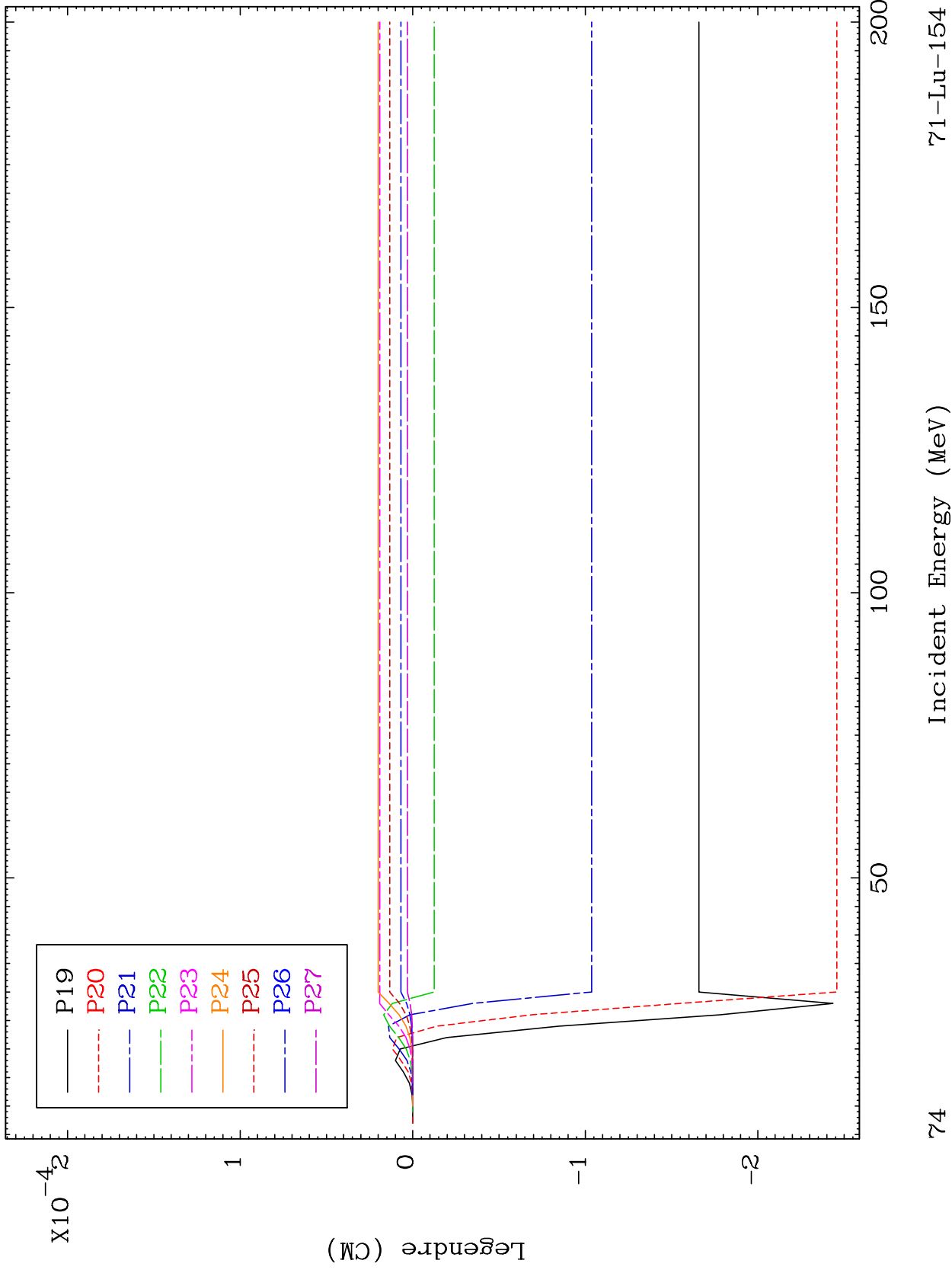




MAT 7062

703.5 keV (n,n') Level  
Legendre Coefficients

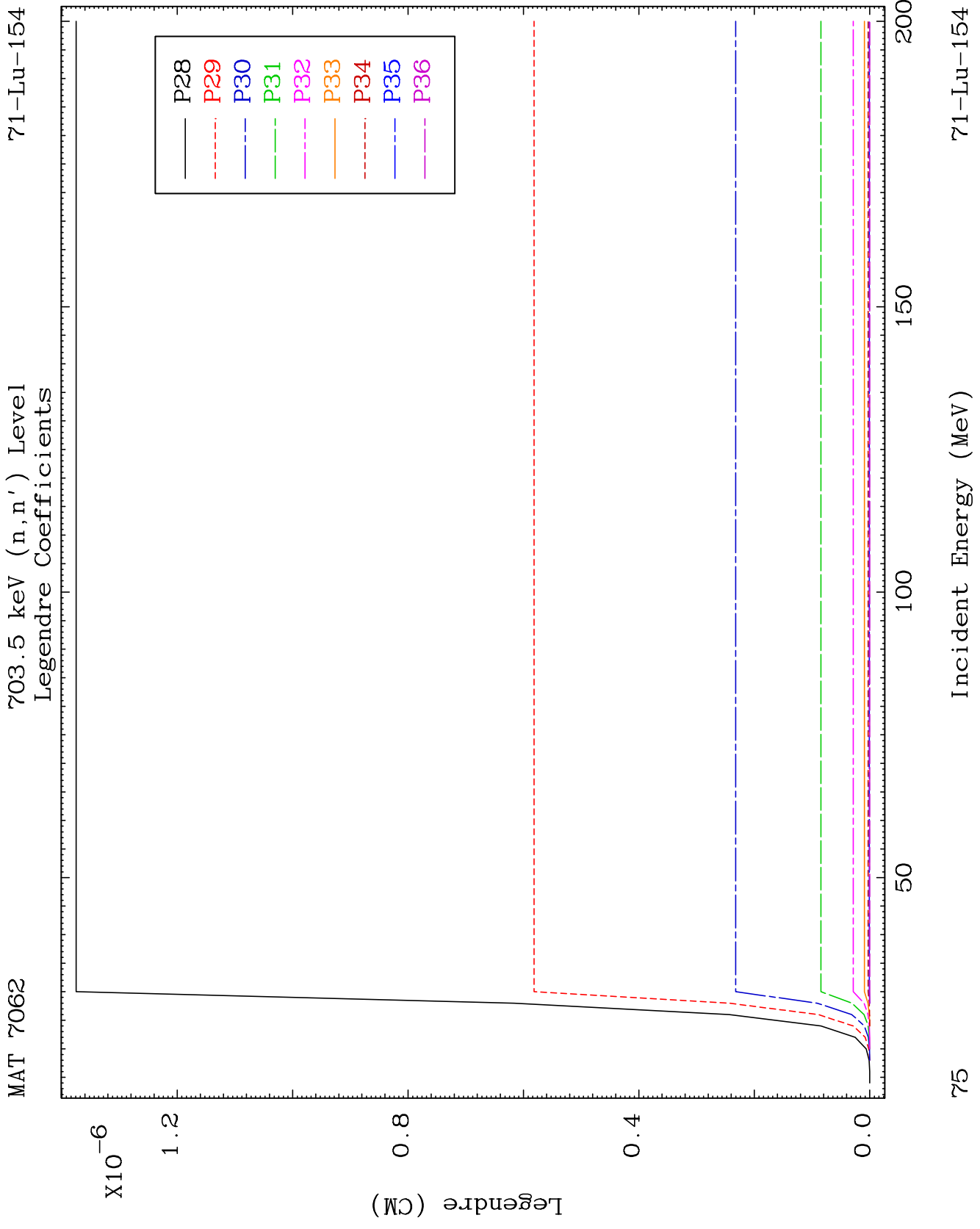
71-Lu-154



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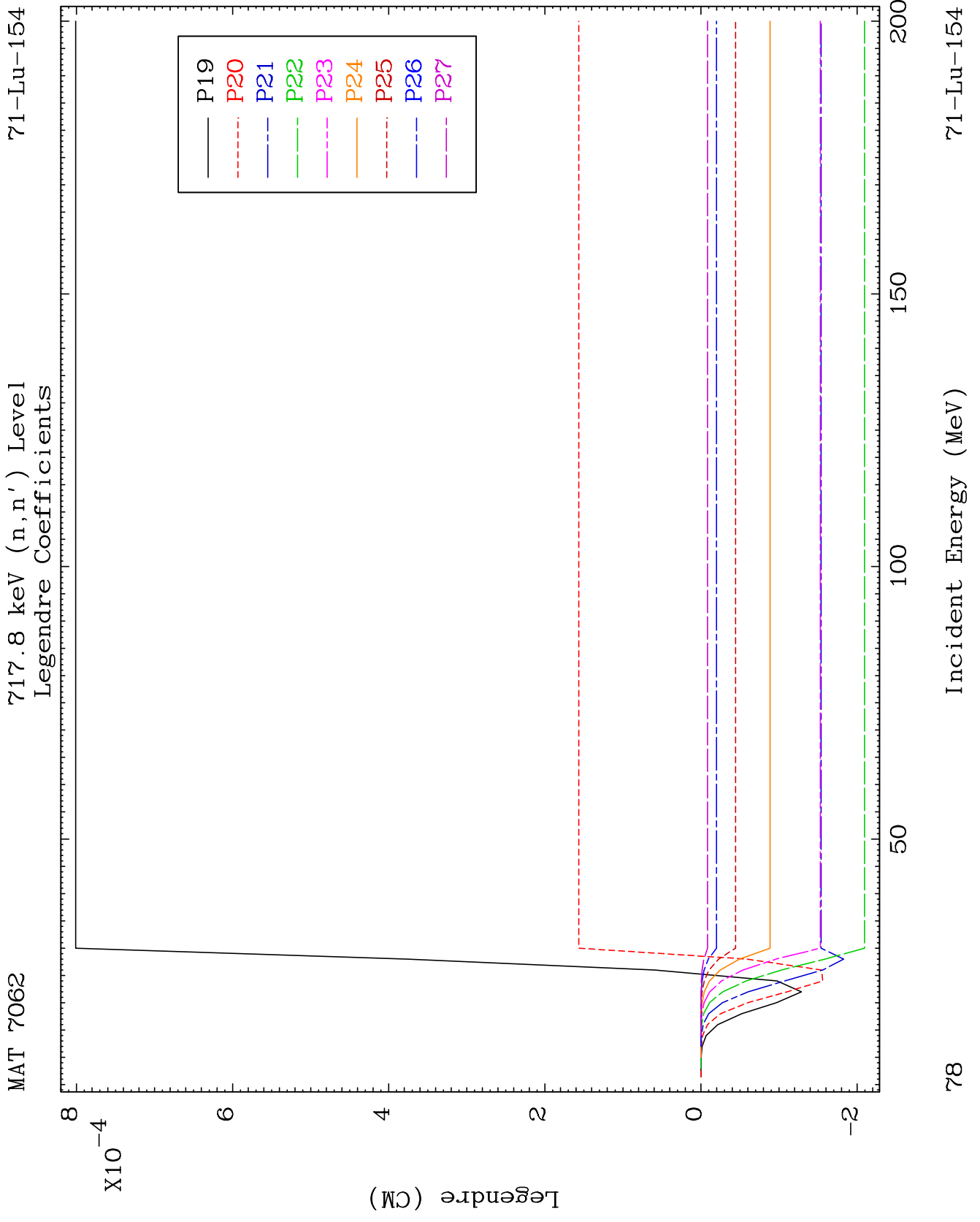
Incident Energy (MeV)

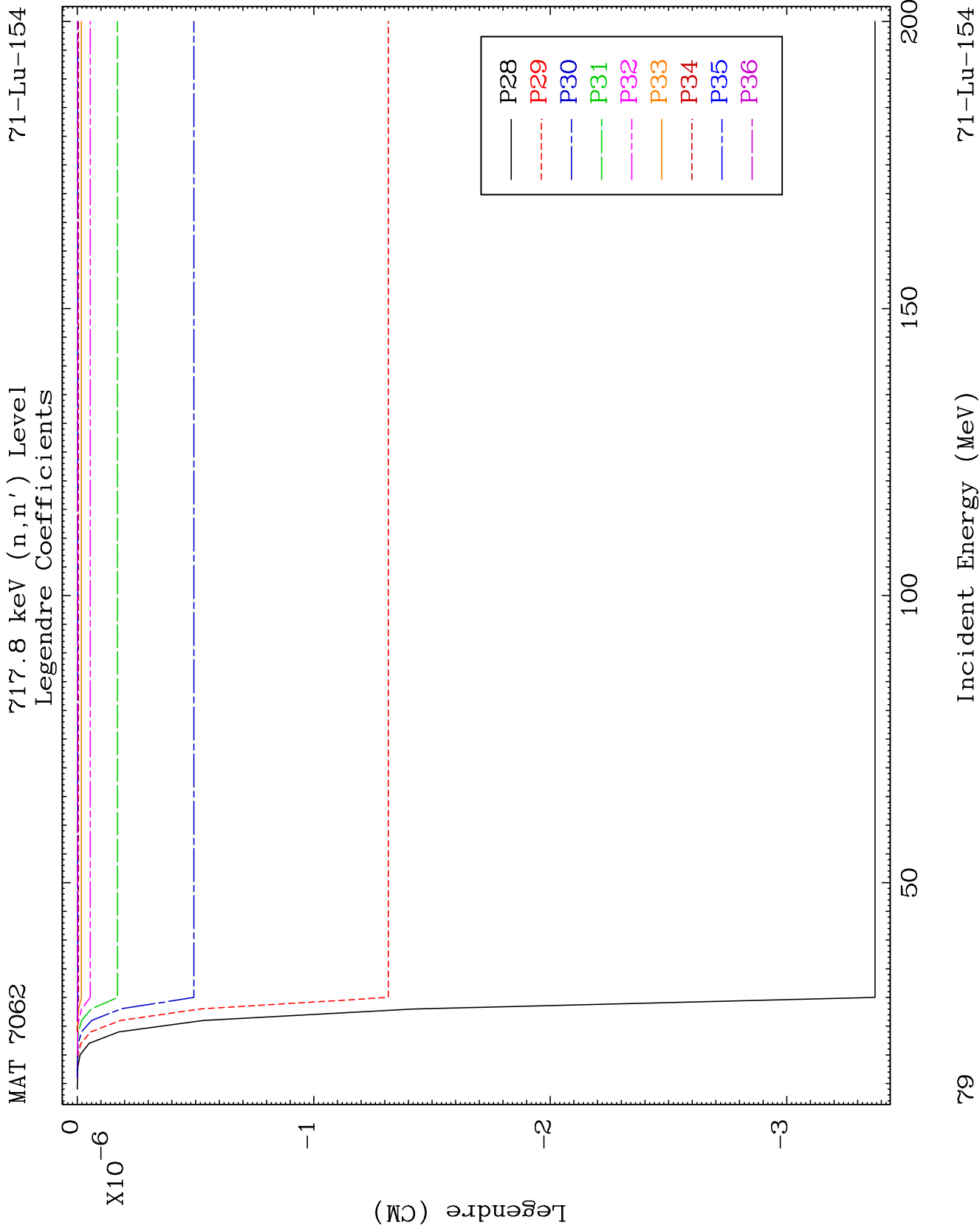
71-Lu-154





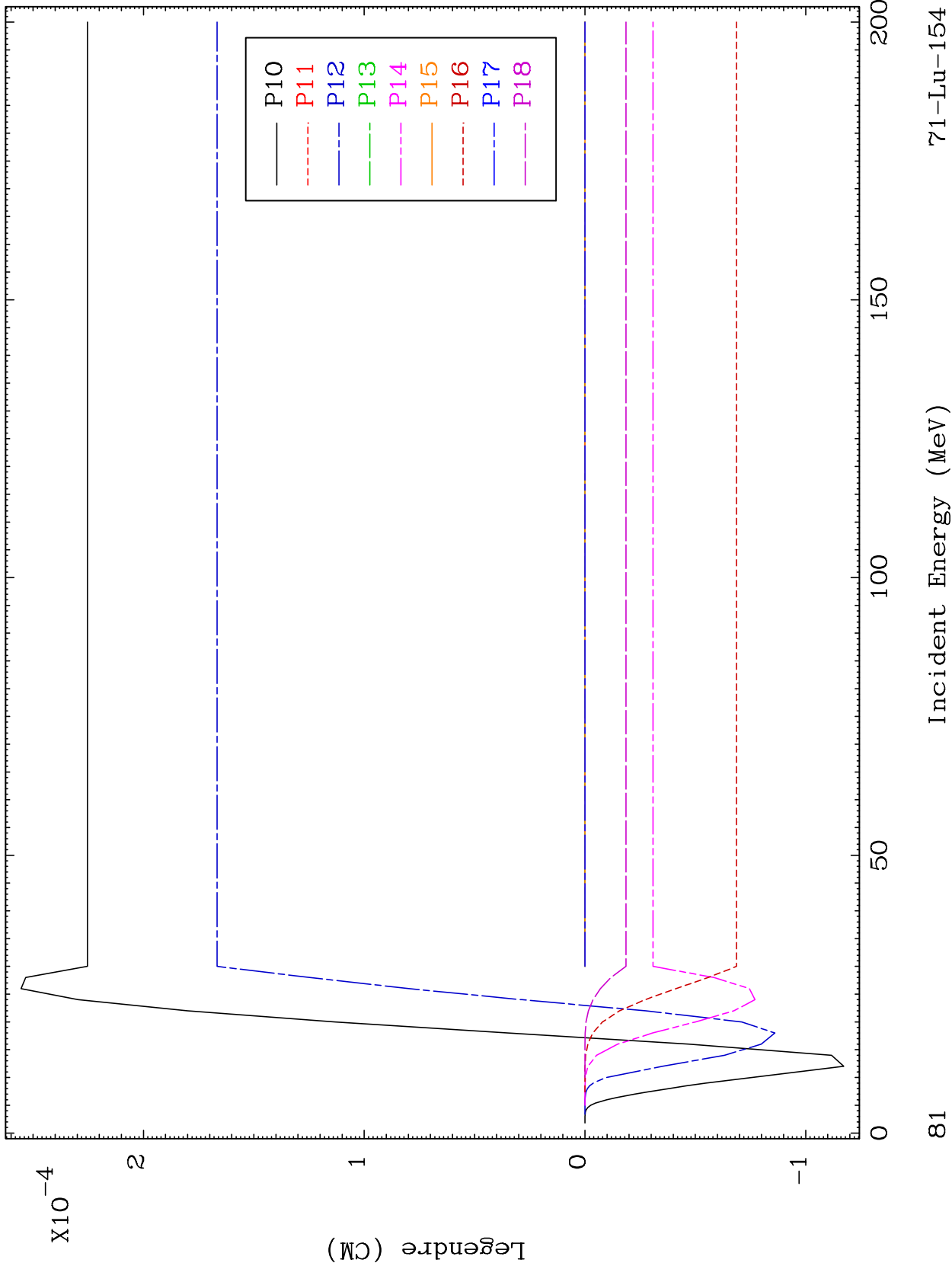


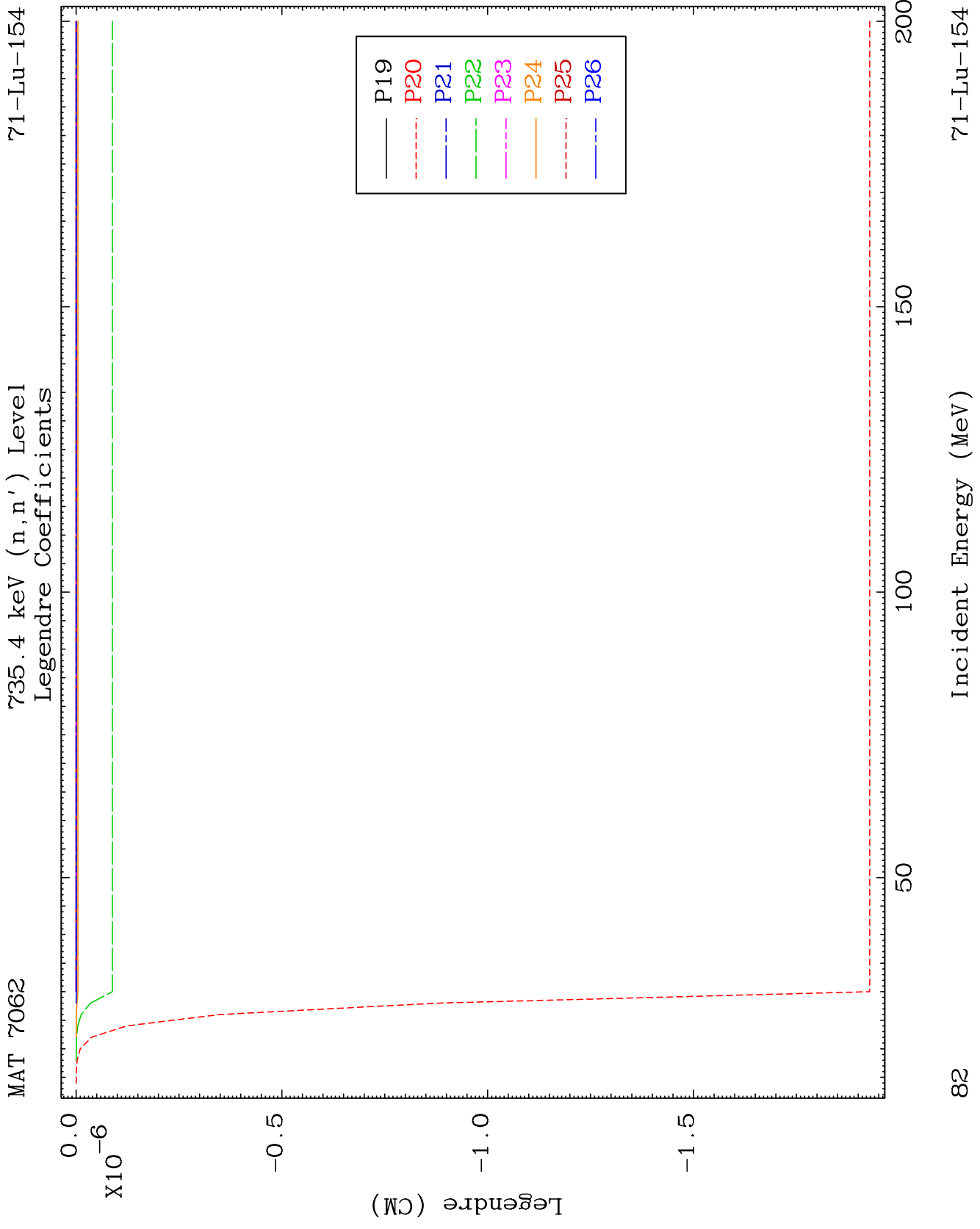


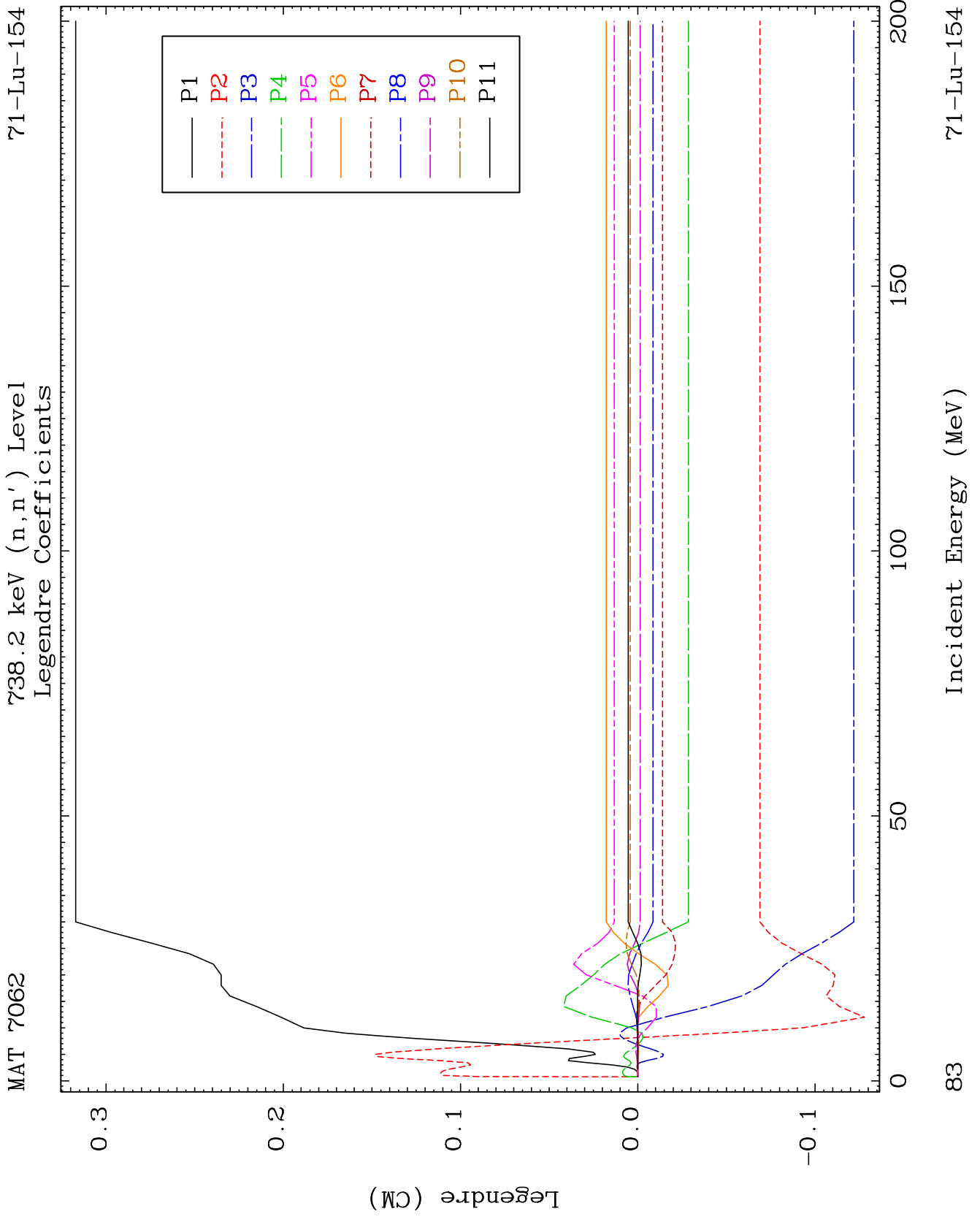








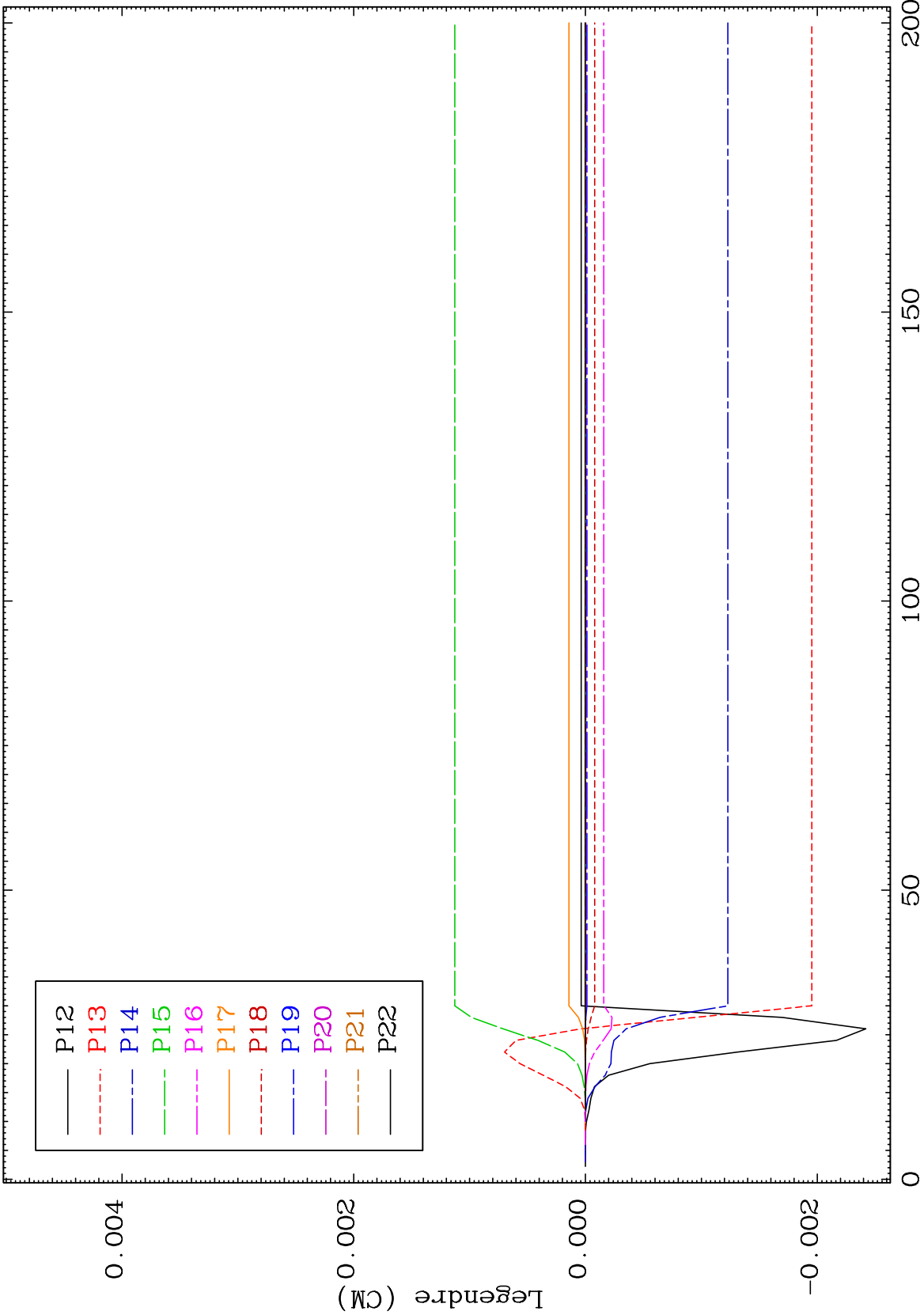




MAT 7062

738.2 keV (n,n') Level  
Legendre Coefficients

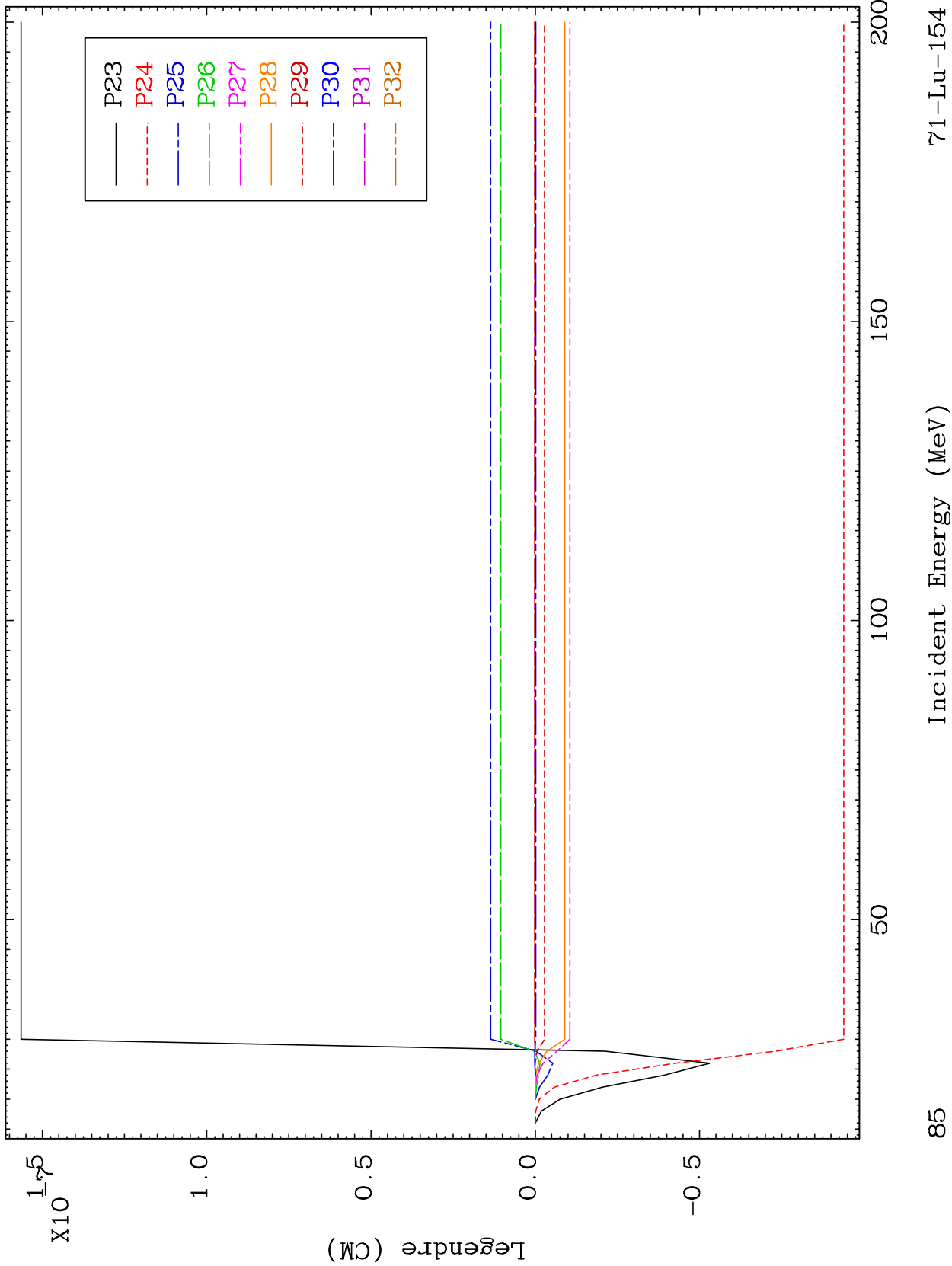
71-Lu-154

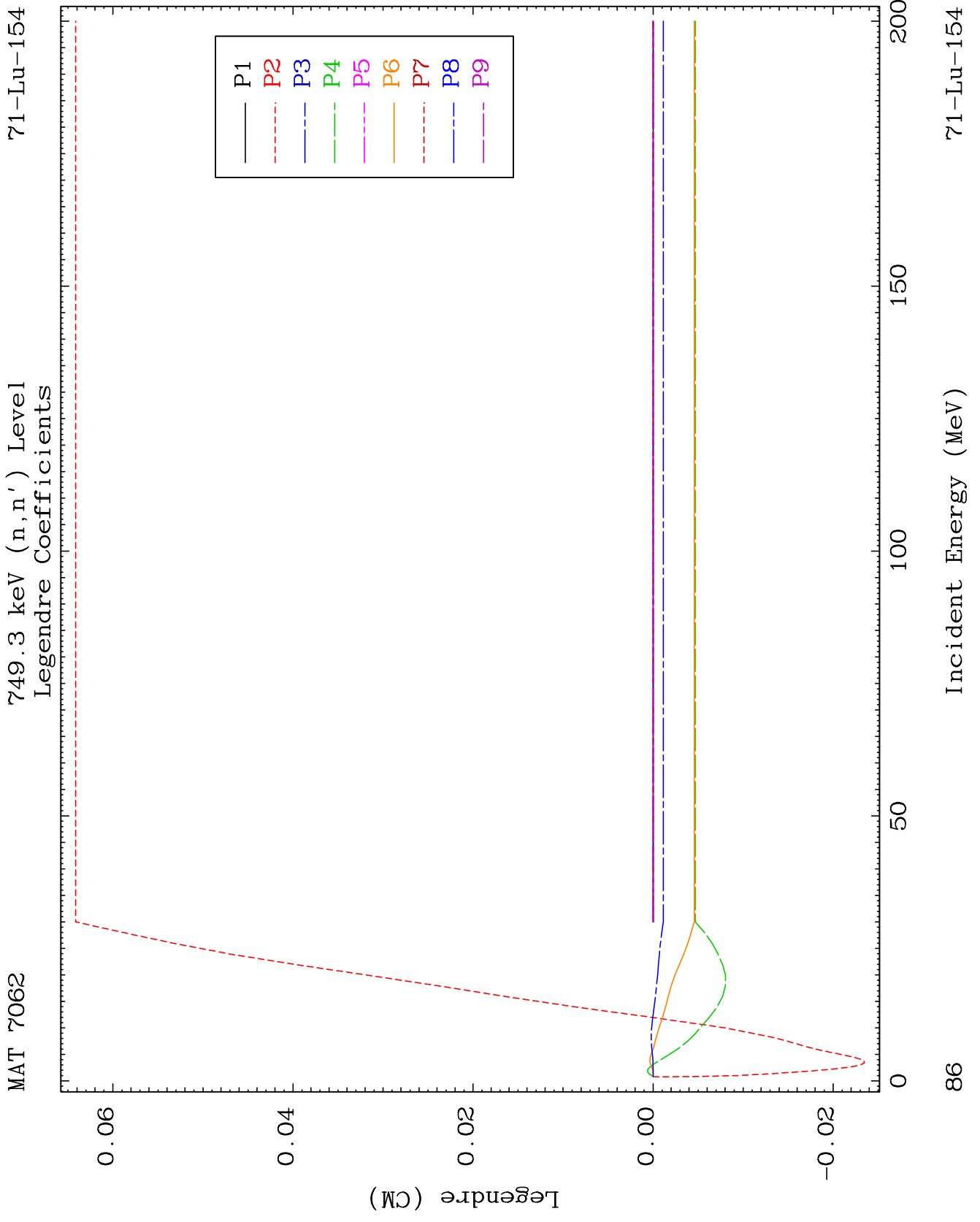


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Incident Energy (MeV)

71-Lu-154

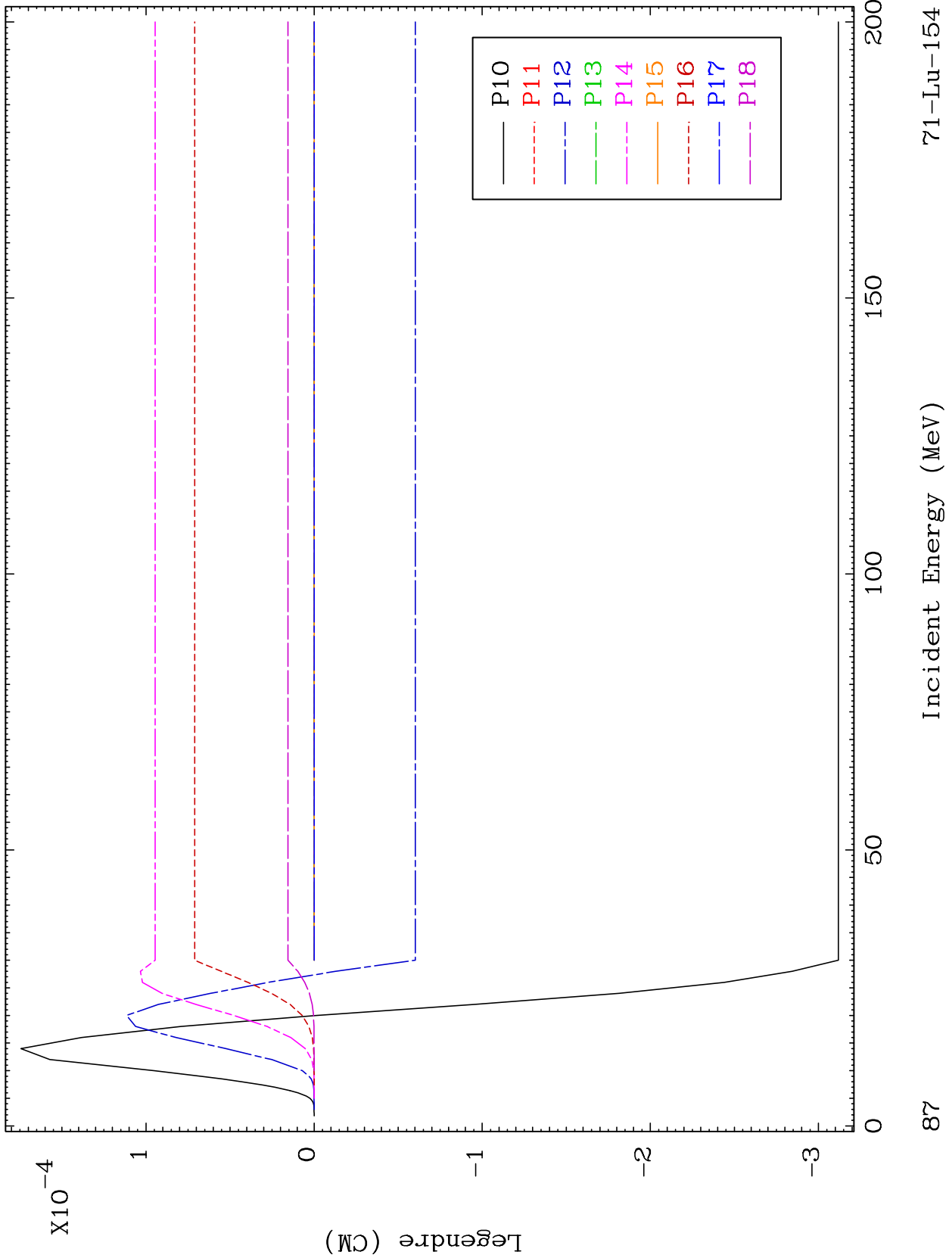




MAT 7062

749.3 keV (n,n') Level  
Legendre Coefficients

71-Lu-154

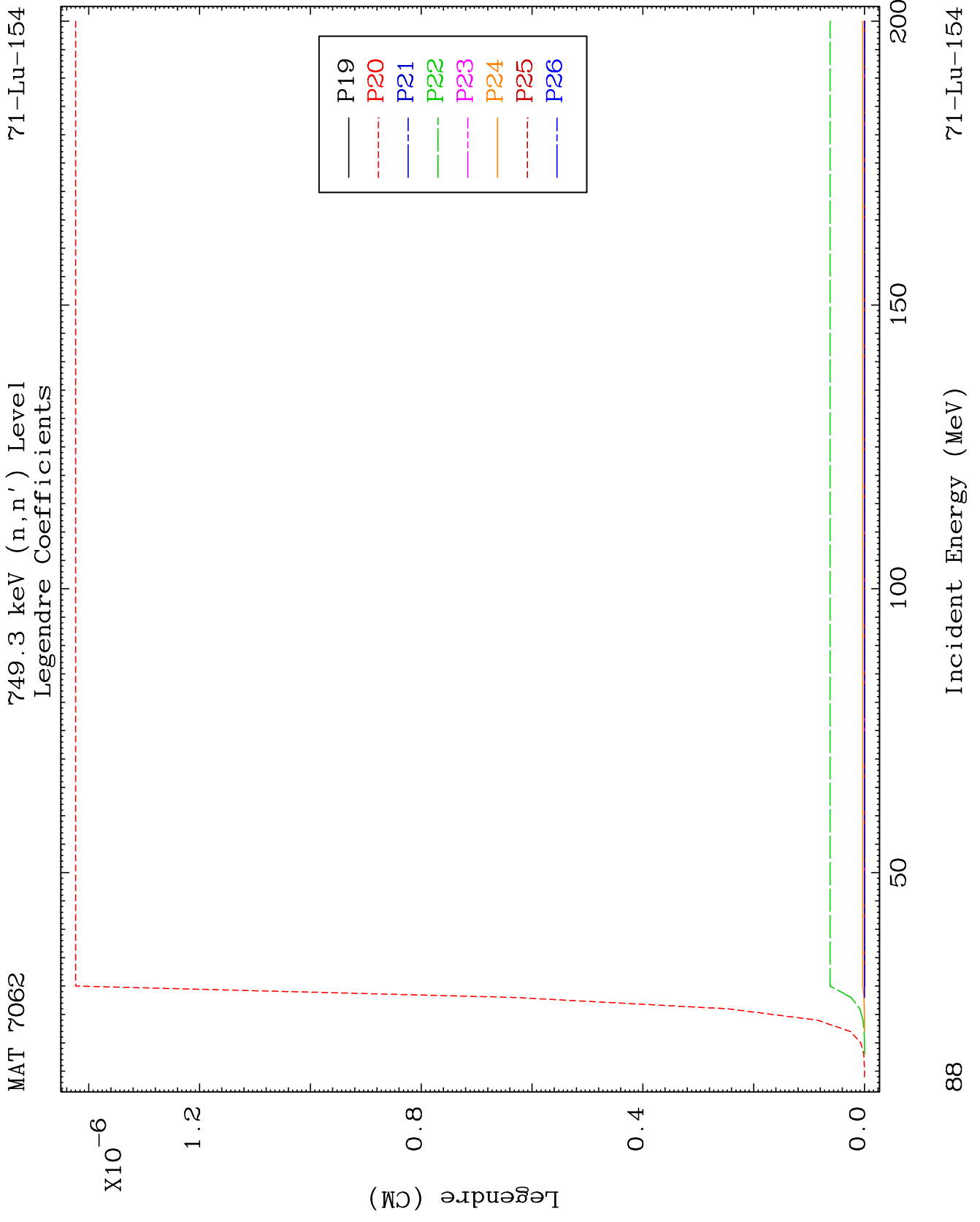


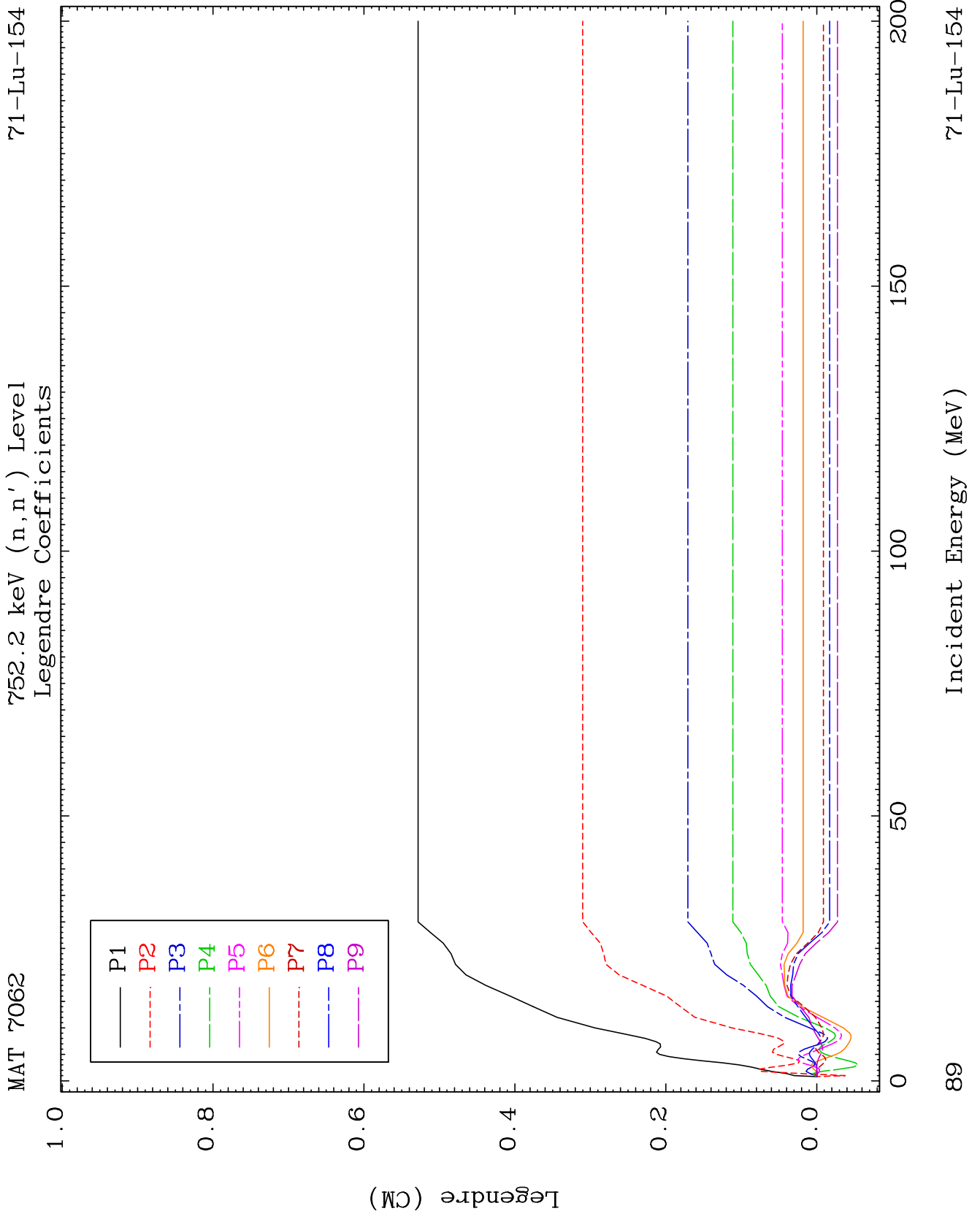
87

Incident Energy (MeV)

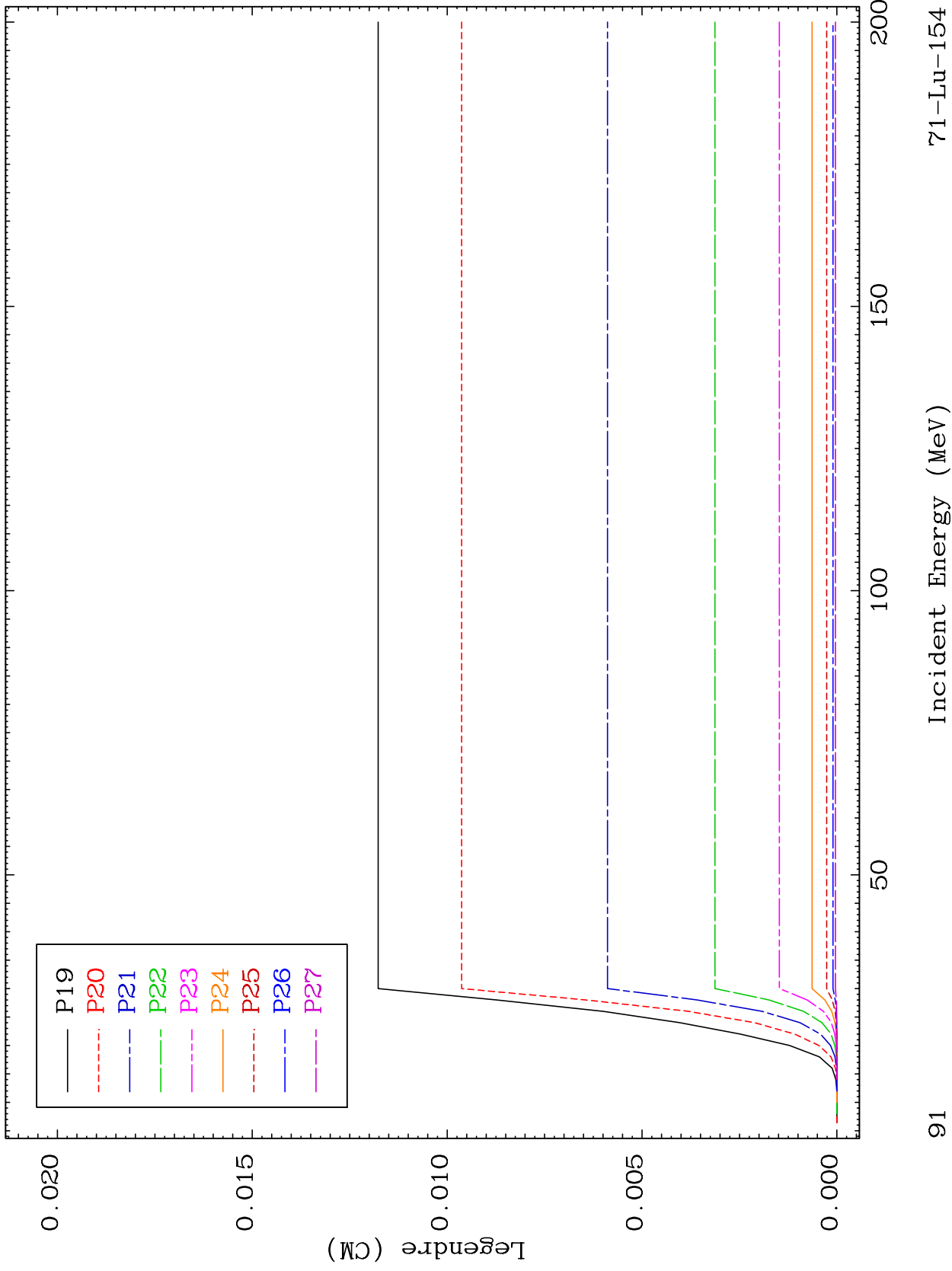
71-Lu-154

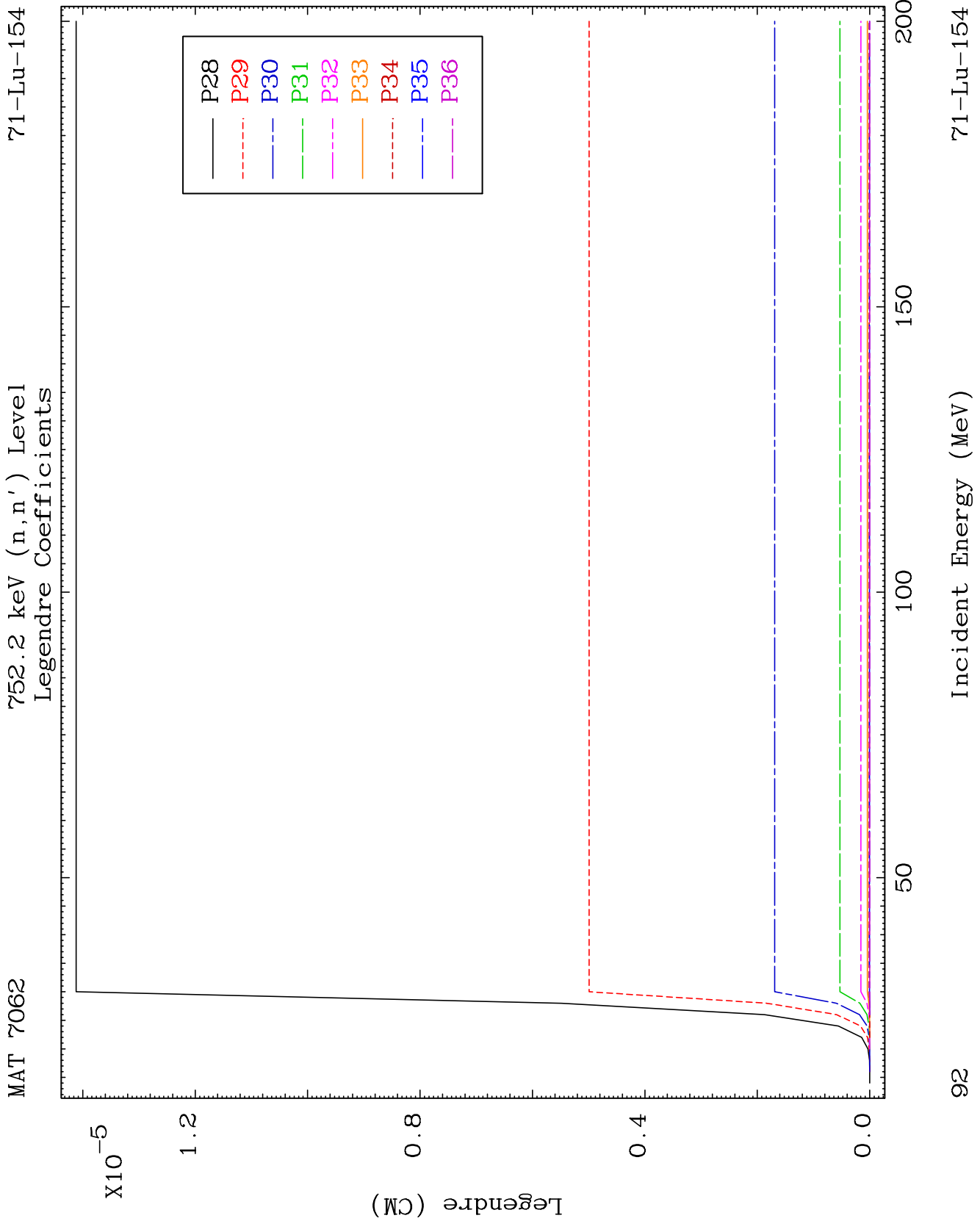








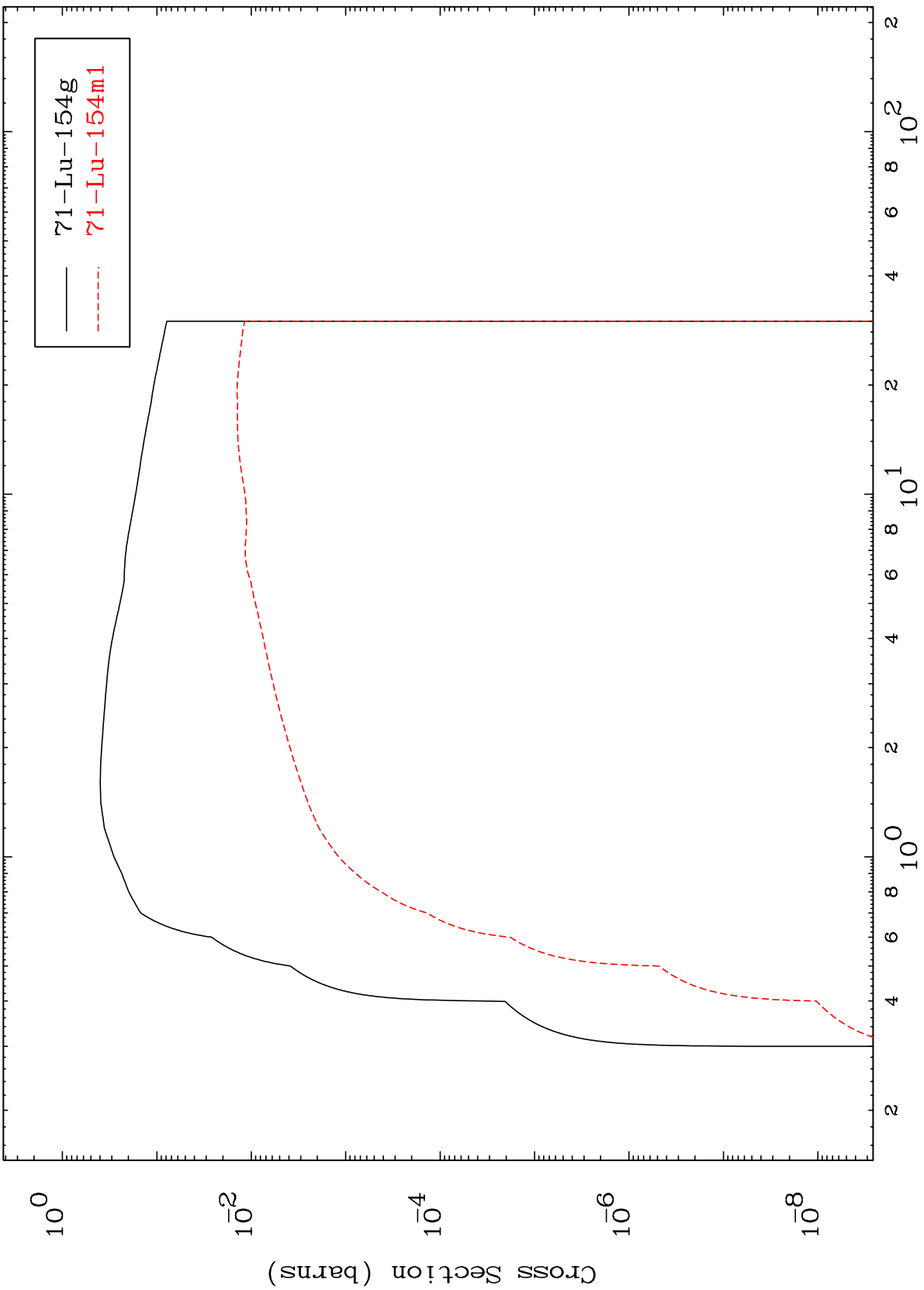




MAT 7062

71-Lu-154

Inelastic  
Radionuclide Production Cross Section



71-Lu-154g  
71-Lu-154m1

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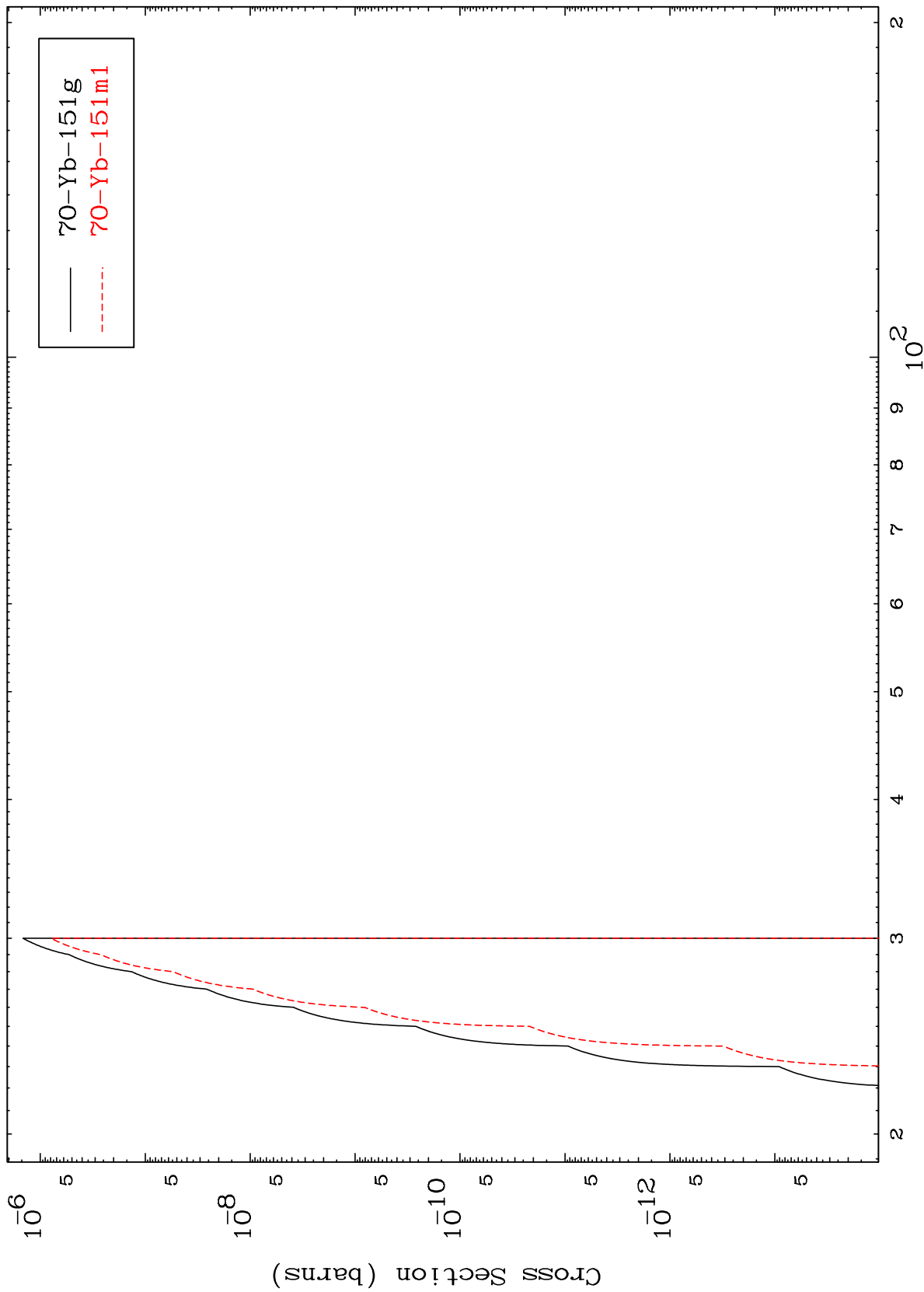
71-Lu-154

MAT 7062

(n,2n) d

71-Lu-154

Radionuclide Production Cross Section



94

Incident Energy (MeV)

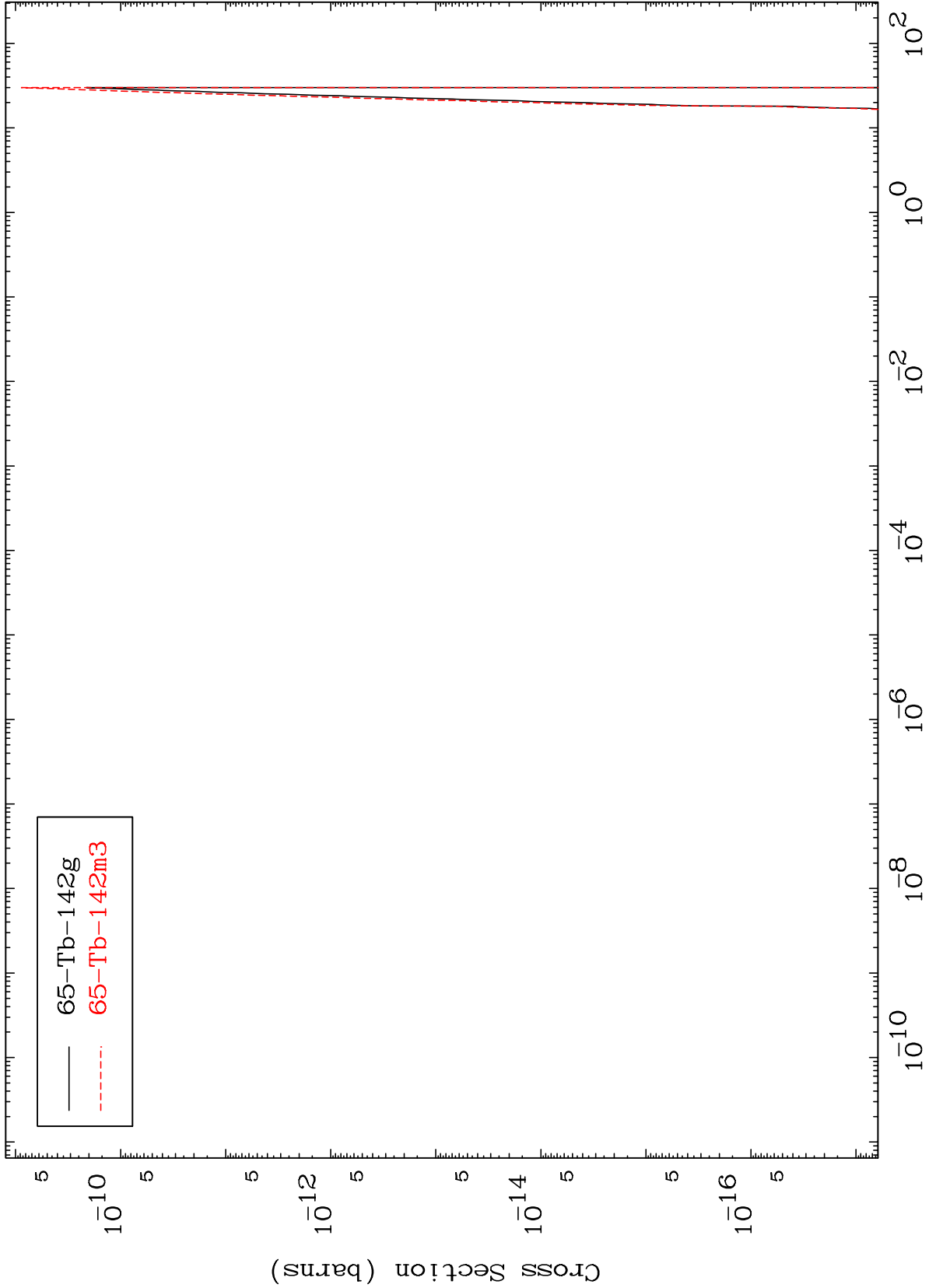
71-Lu-154

MAT 7062

(n,n') 3 $\alpha$

71-Lu-154

Radionuclide Production Cross Section



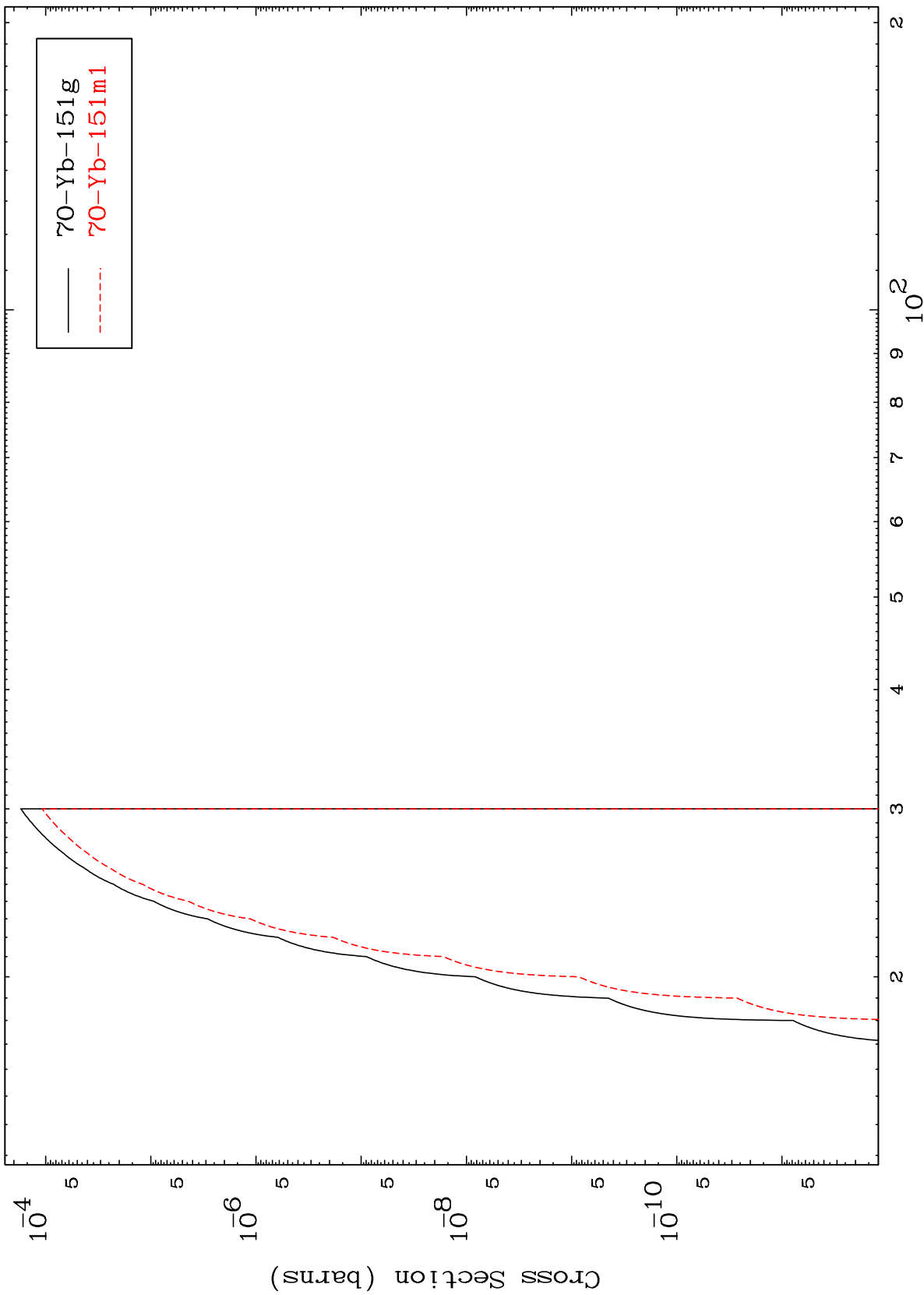


MAT 7062

(n,n') t

71-Lu-154

Radionuclide Production Cross Section



96

Incident Energy (MeV)

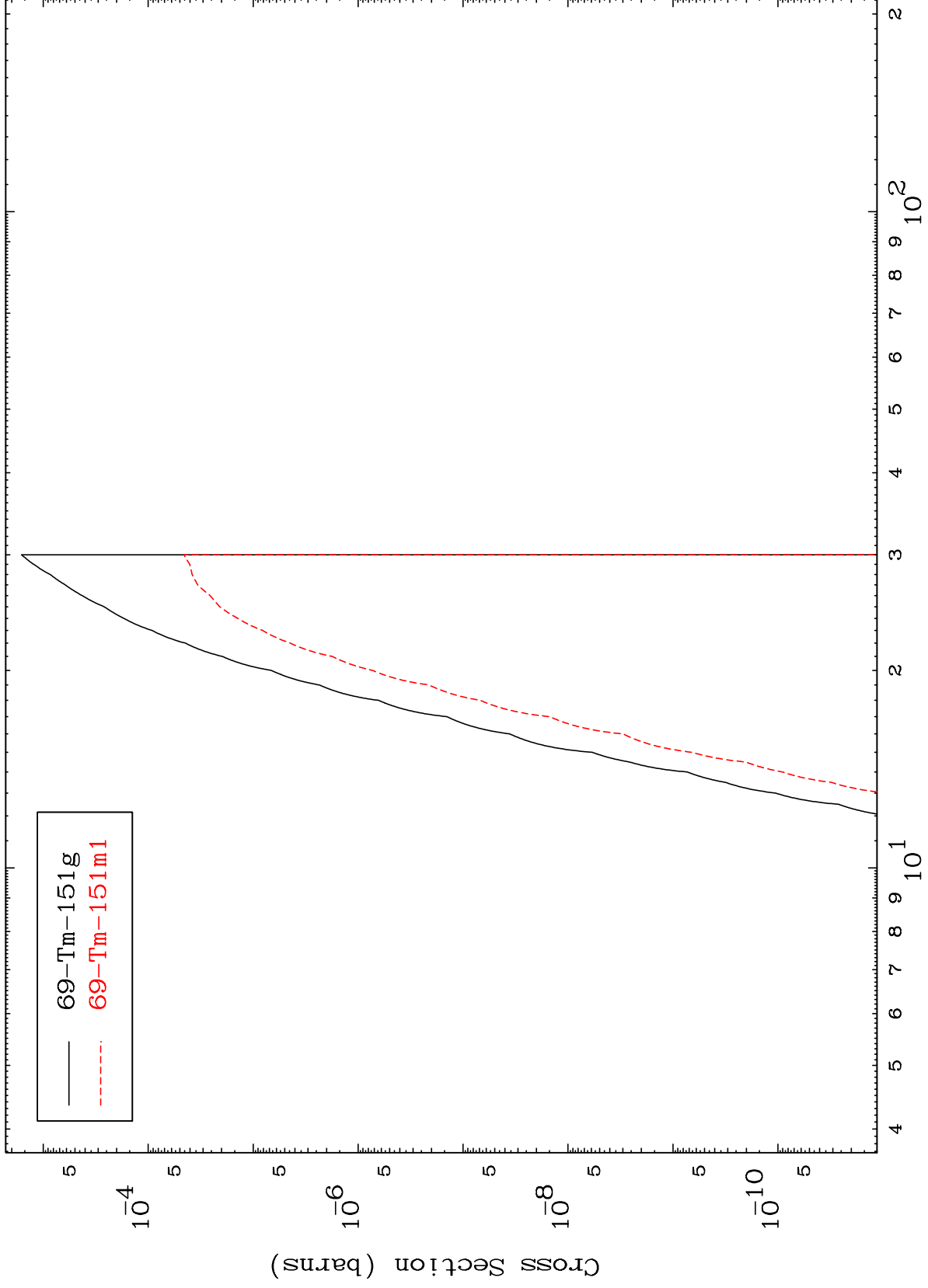
71-Lu-154

MAT 7062

(n,n') He-3

71-Lu-154

Radionuclide Production Cross Section



97

Incident Energy (MeV)

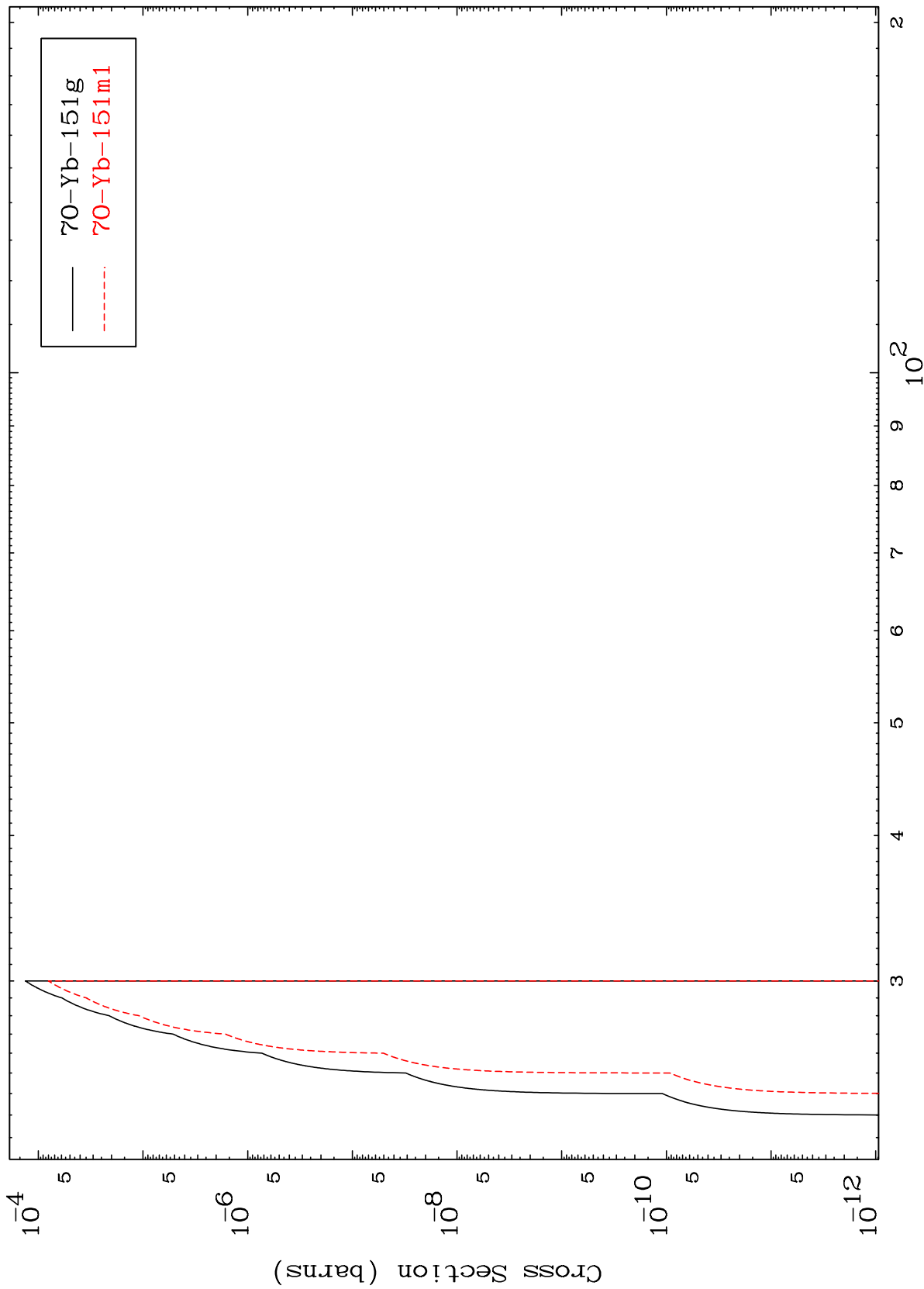
71-Lu-154

MAT 7062

(n,3n) p

71-Lu-154

Radionuclide Production Cross Section



70-Yb-151g  
70-Yb-151m1

98

Incident Energy (MeV)

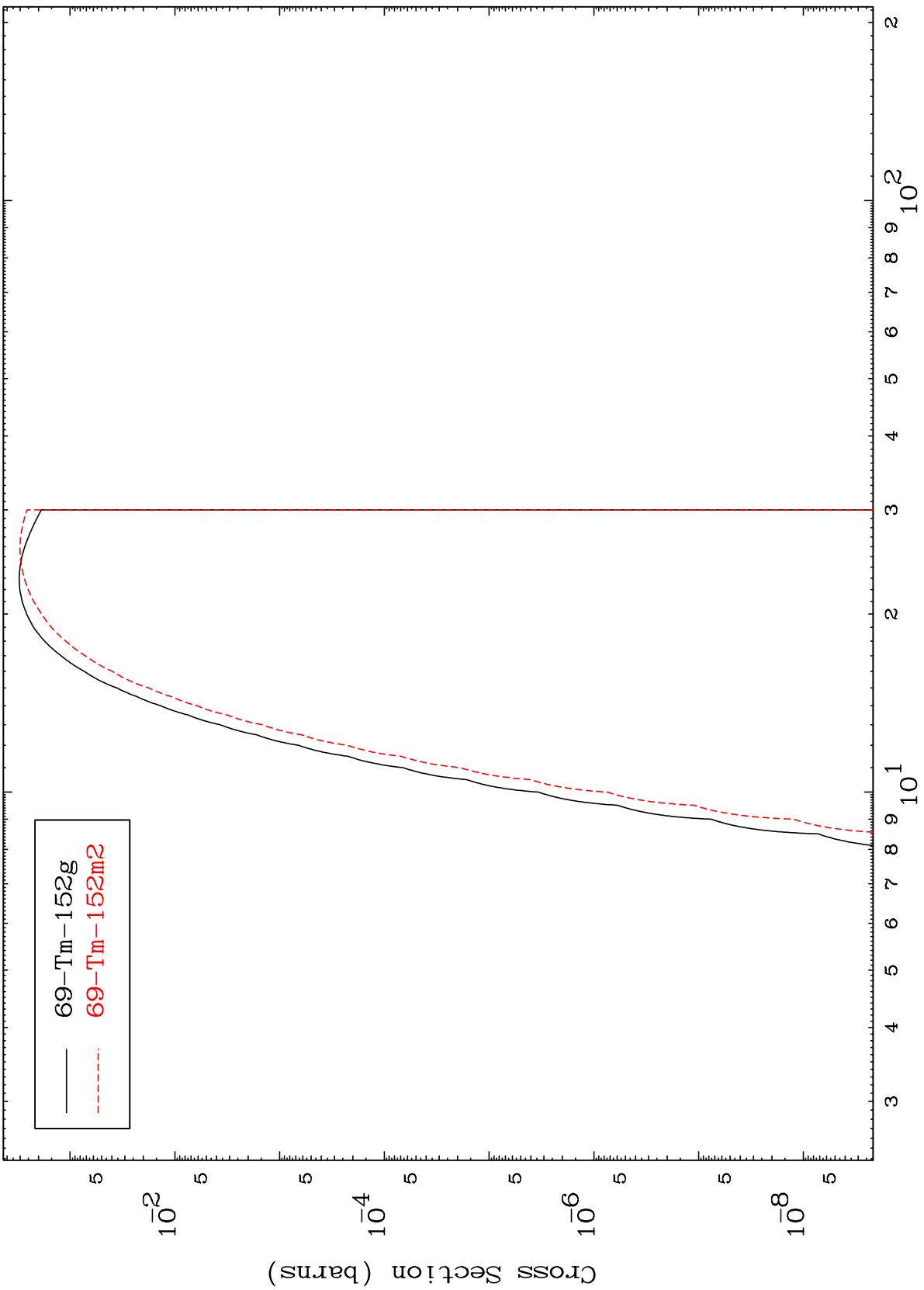
71-Lu-154

MAT 7062

(n,2n) p

71-Lu-154

Radionuclide Production Cross Section



69-Tm-152g  
69-Tm-152m2

99

Incident Energy (MeV)

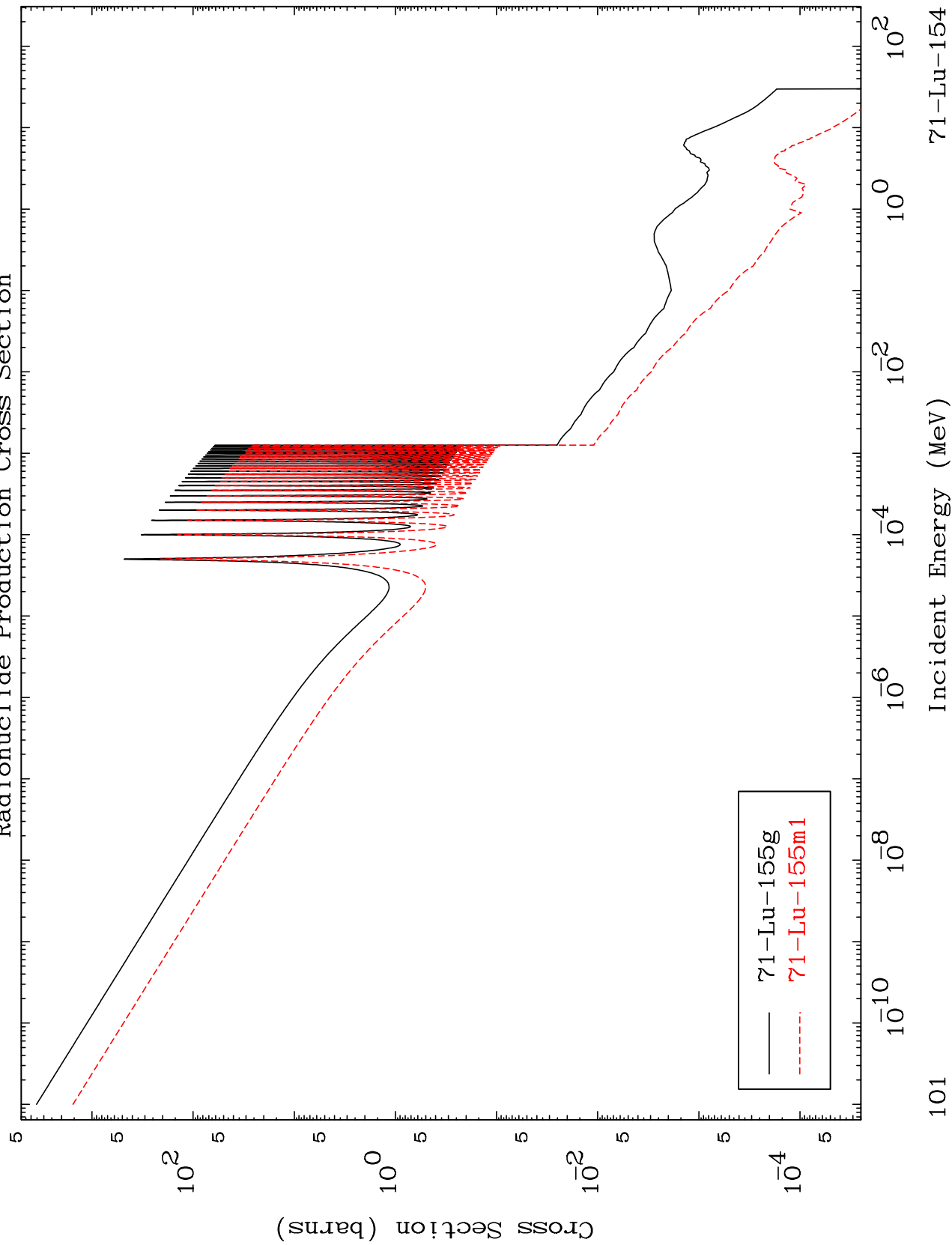
71-Lu-154



MAT 7062

<sup>71</sup>Lu-154

(n,γ)  
Radionuclide Production Cross Section



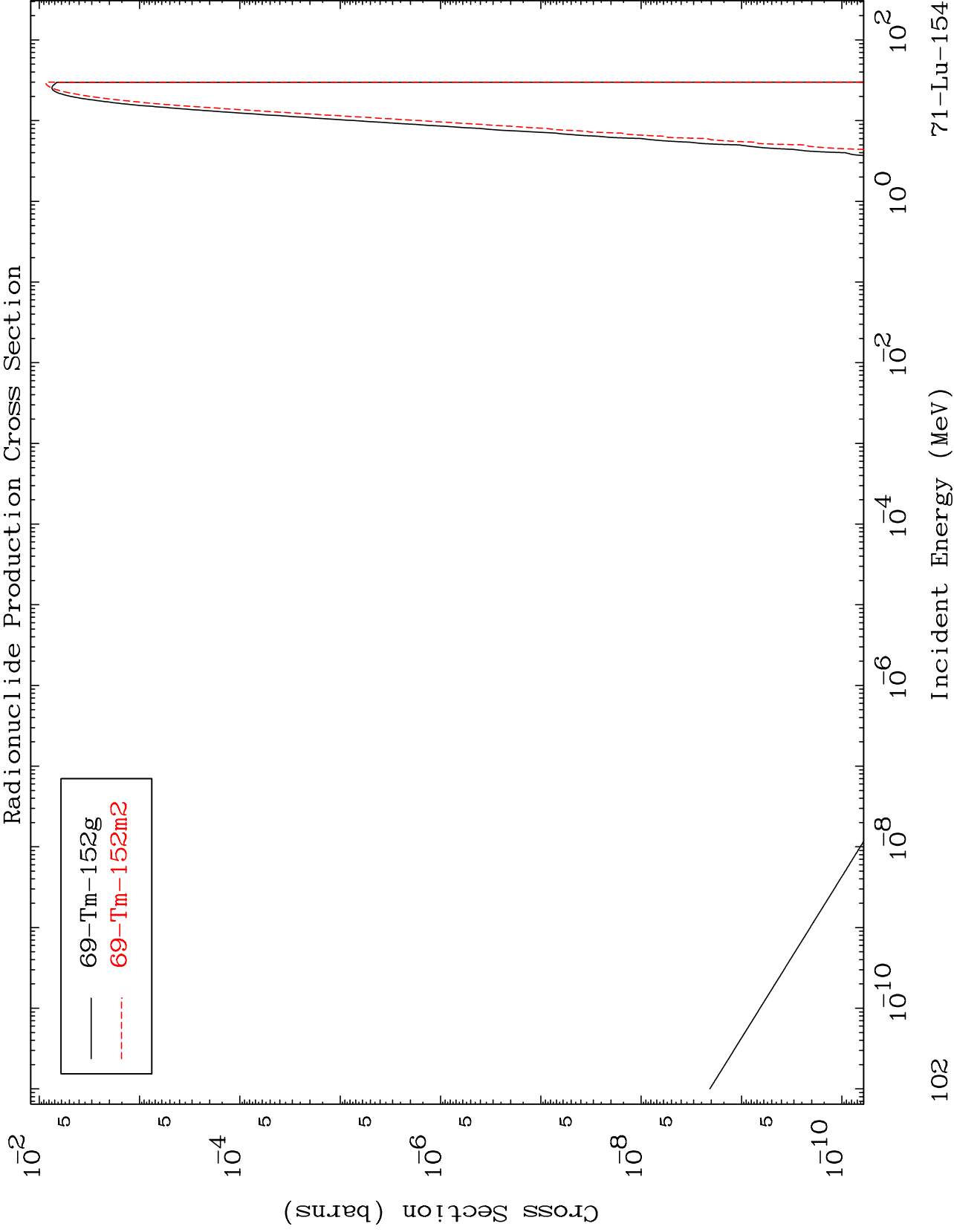
101

MAT 7062

(n,He-3)

71-Lu-154

Radionuclide Production Cross Section

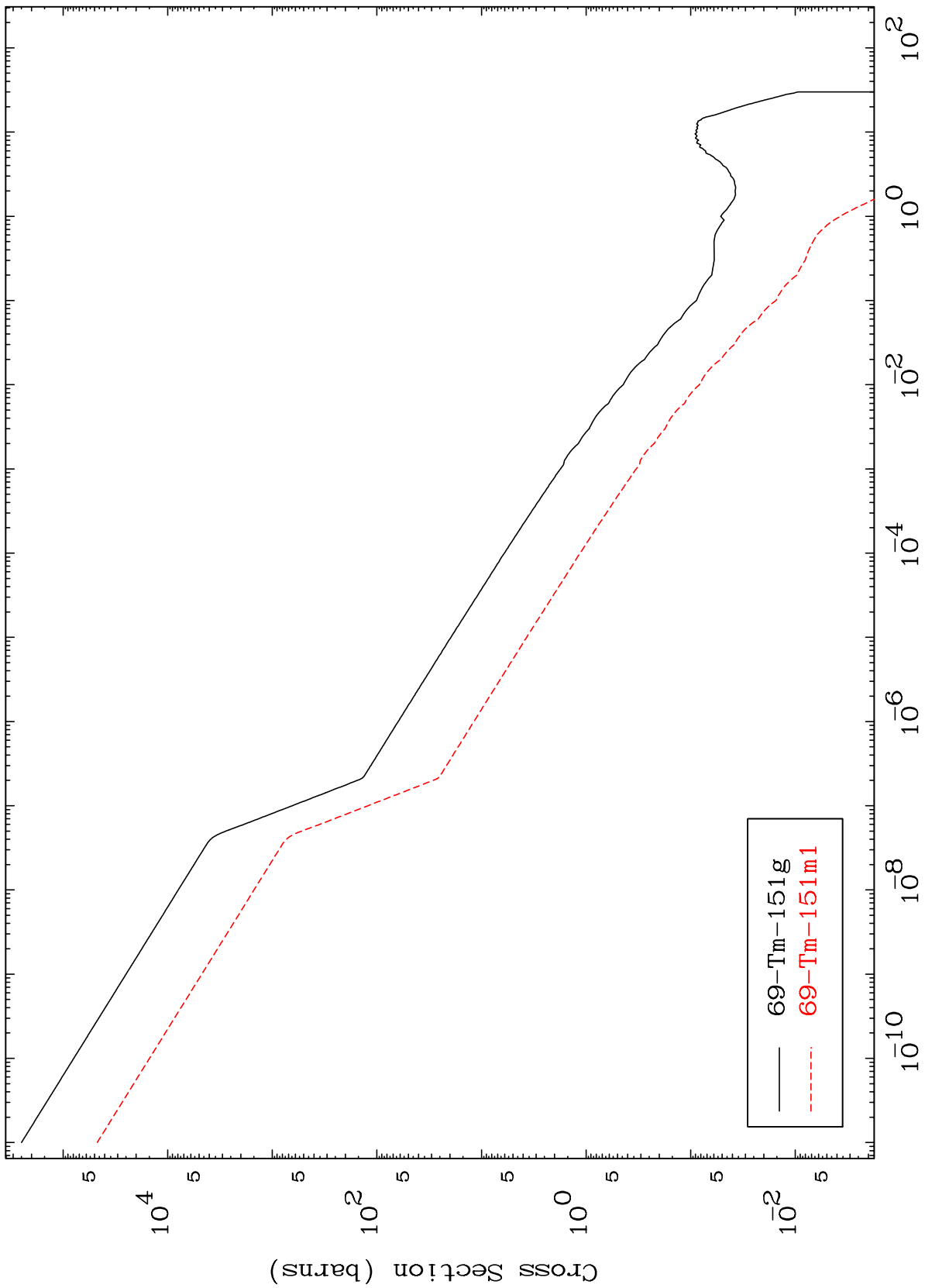


102

MAT 7062

71-Lu-154

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



103

71-Lu-154

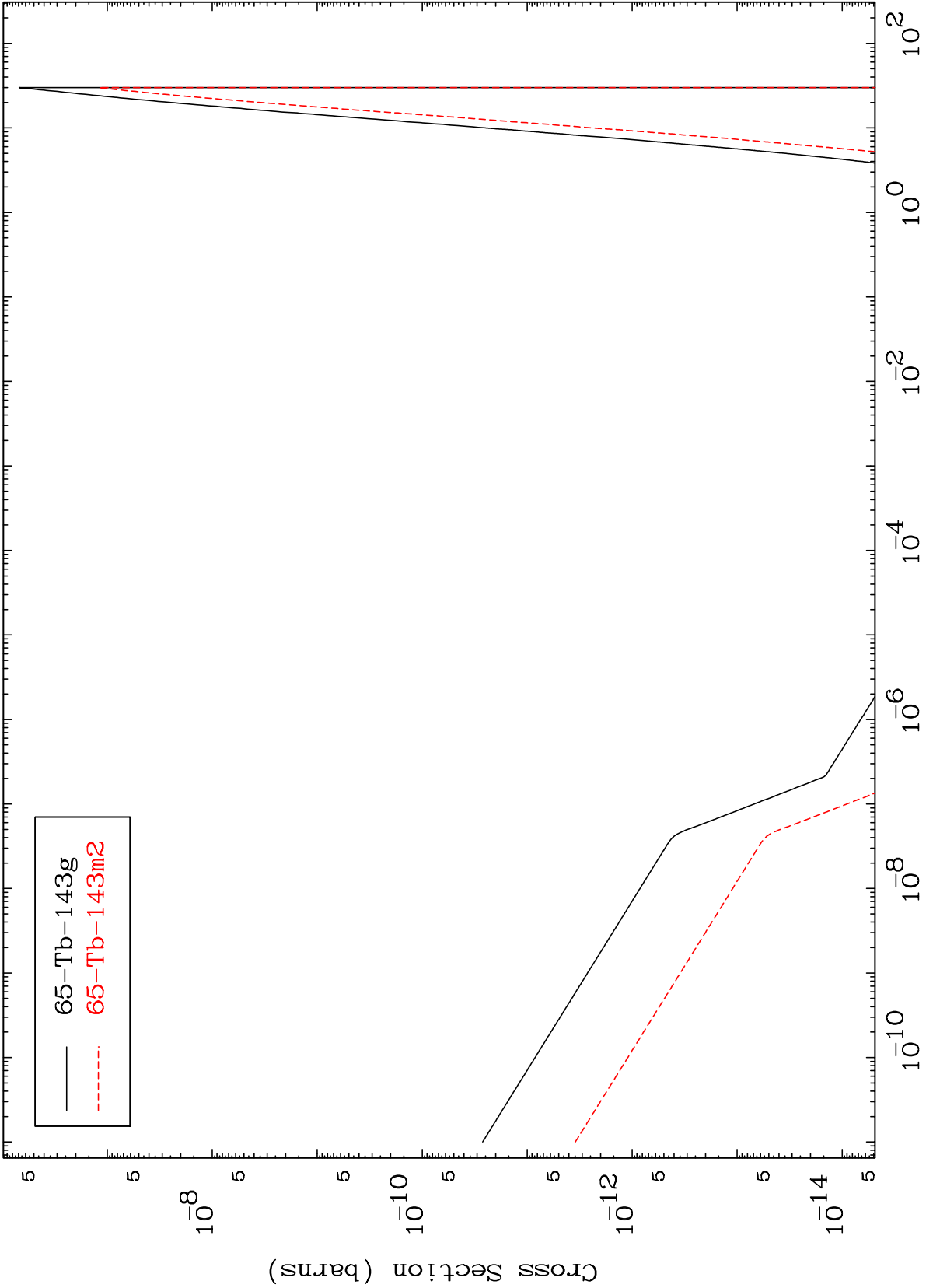


MAT 7062

(n, 3α)

<sup>71</sup>Lu-154

Radionuclide Production Cross Section



104

Incident Energy (MeV)

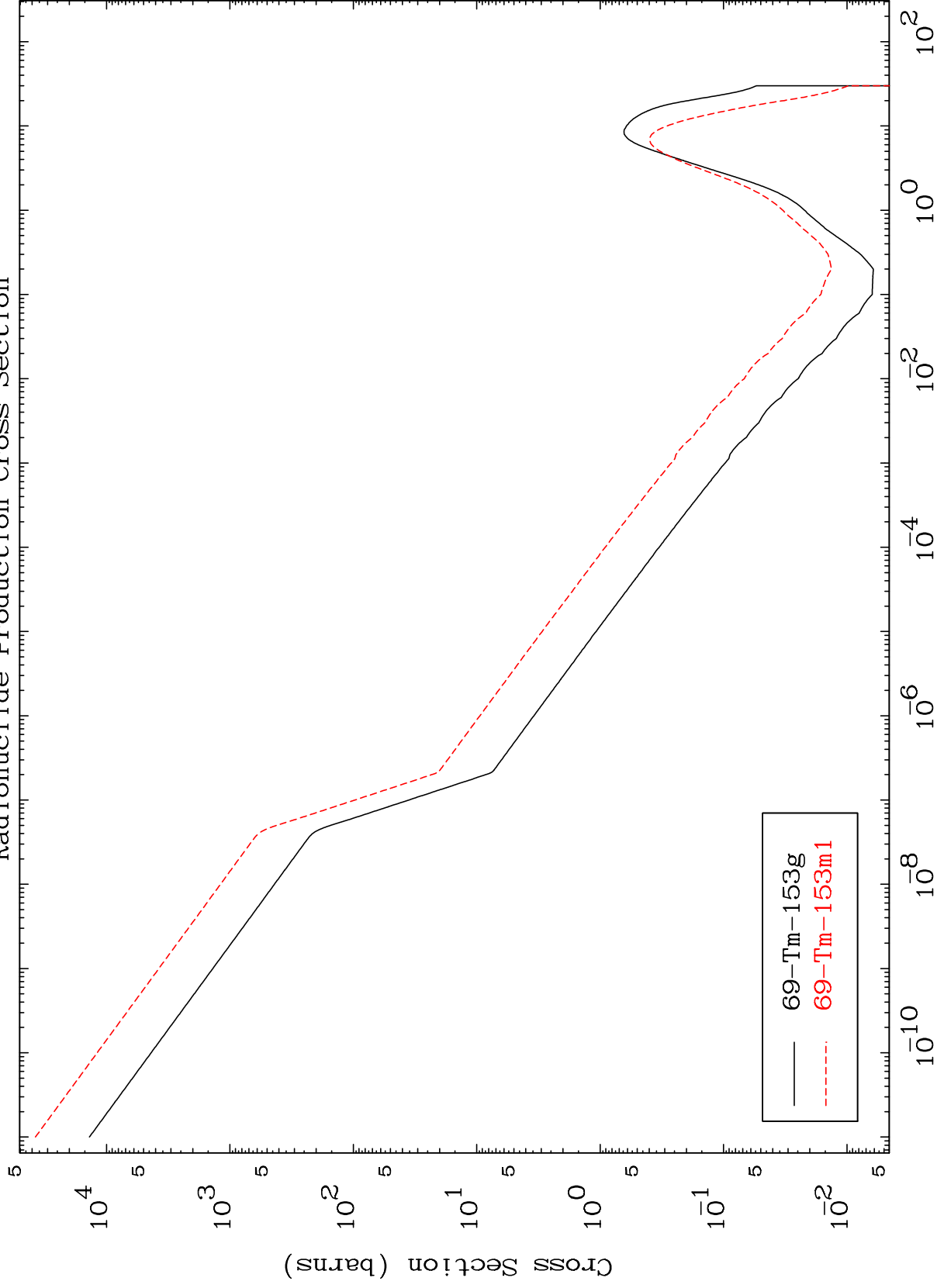
<sup>71</sup>Lu-154

MAT 7062

(n,2p)

71-Lu-154

Radionuclide Production Cross Section



105

Incident Energy (MeV)

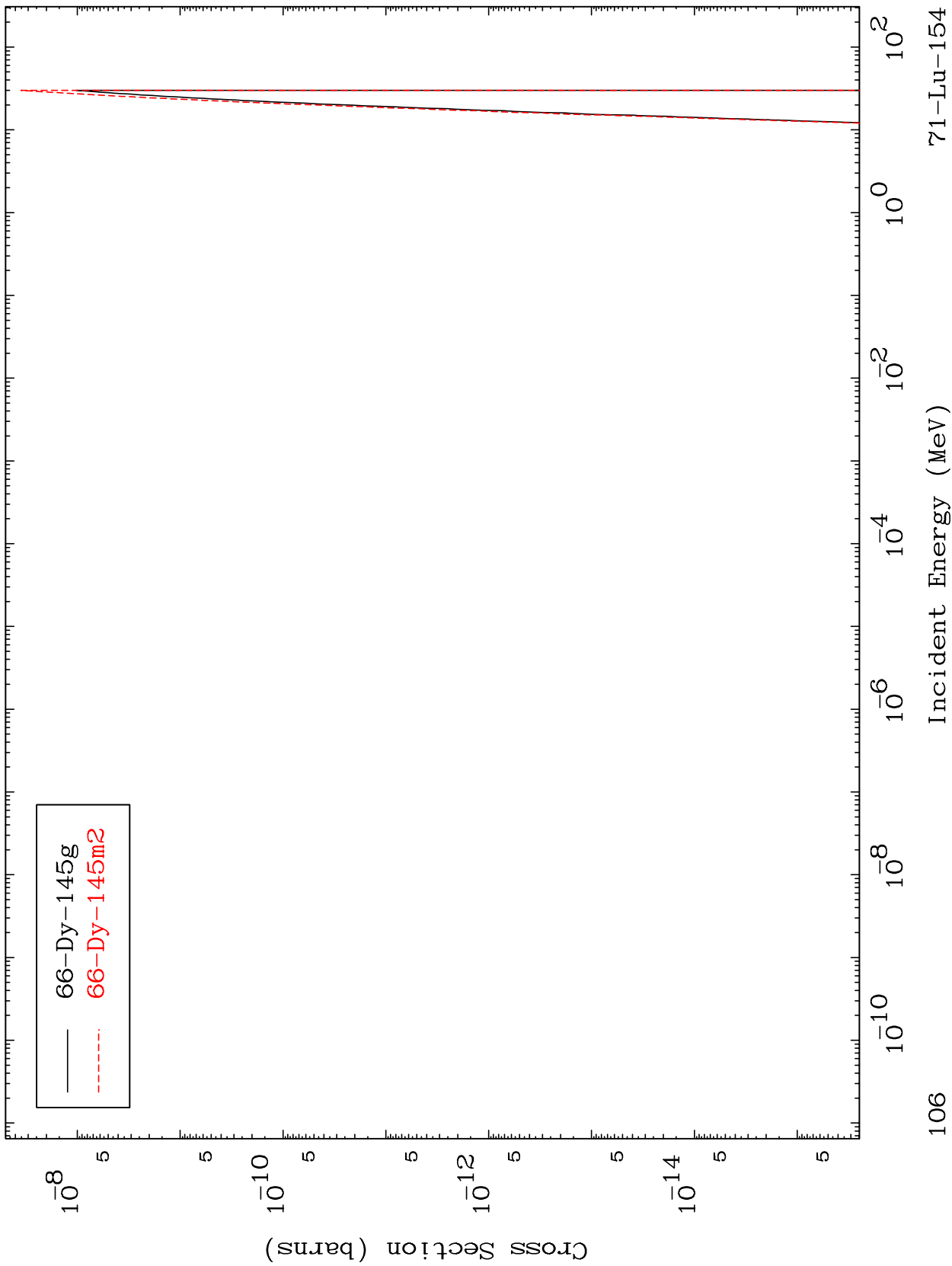
71-Lu-154

MAT 7062

(n,d) 2 $\alpha$

71-Lu-154

Radionuclide Production Cross Section



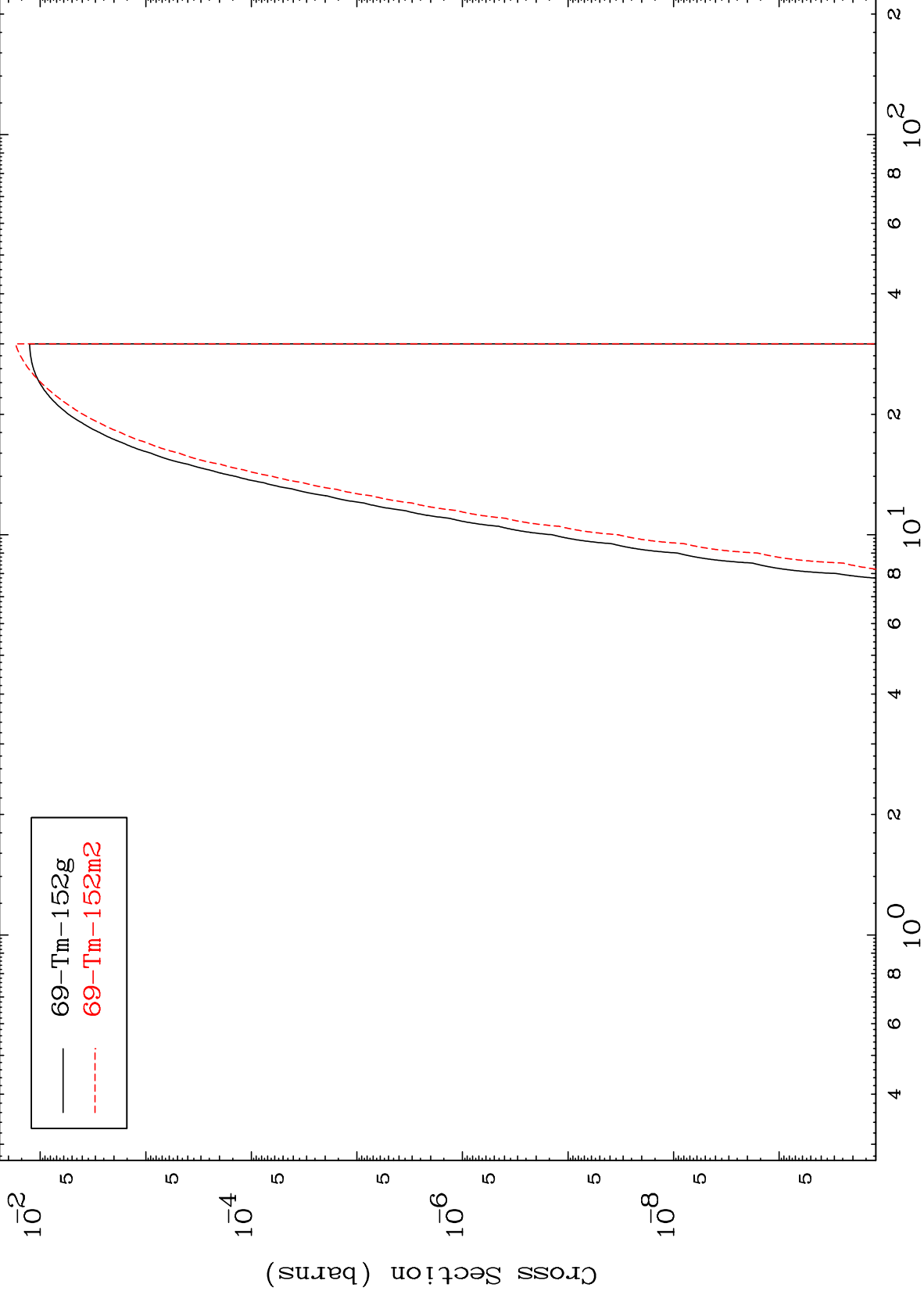
66-Dy-145g  
66-Dy-145m2

MAT 7062

(n,p) d

71-Lu-154

Radionuclide Production Cross Section



107

Incident Energy (MeV)

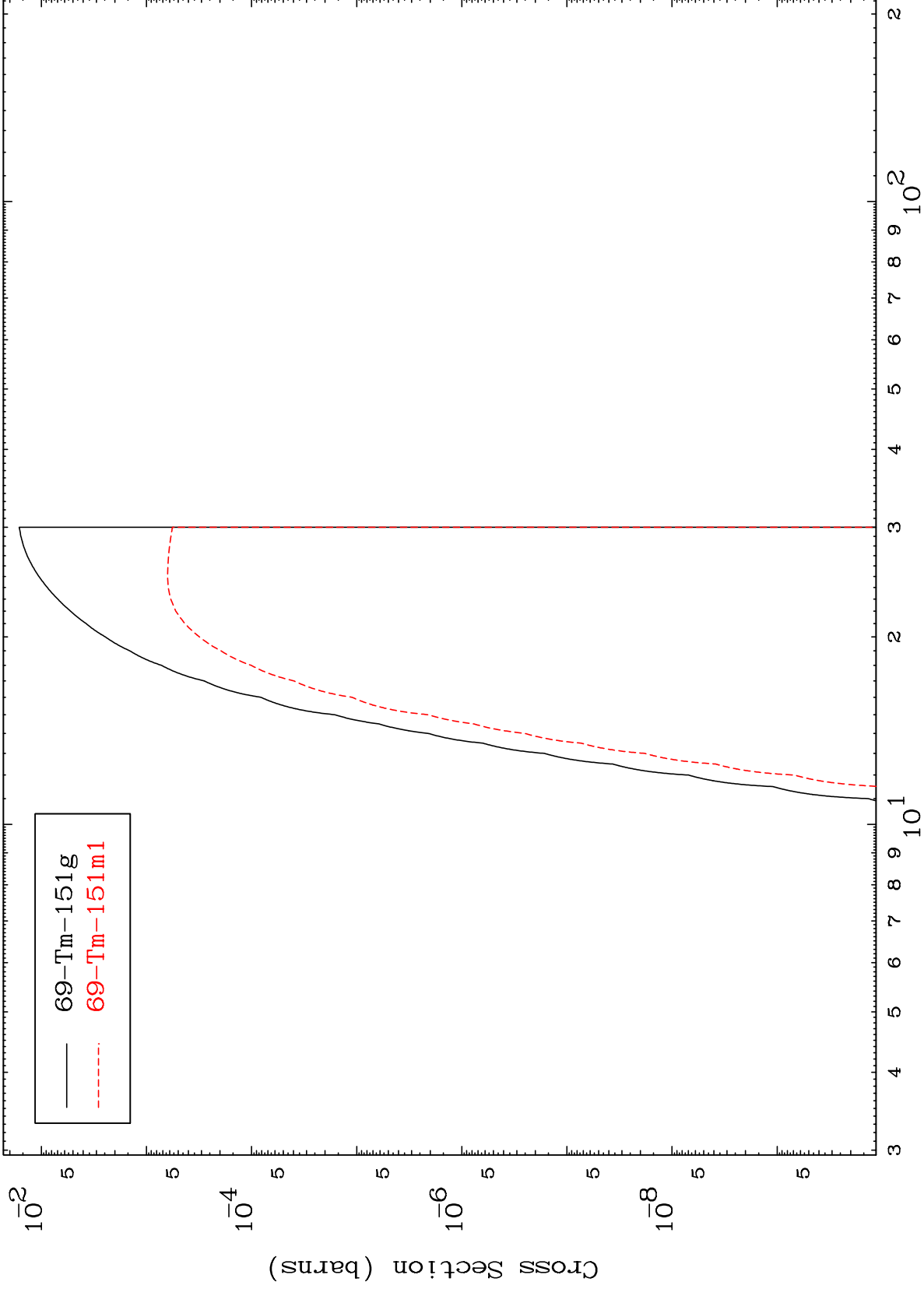
71-Lu-154

MAT 7062

(n,p) t

<sup>71</sup>Lu-154

Radionuclide Production Cross Section



108

Incident Energy (MeV)

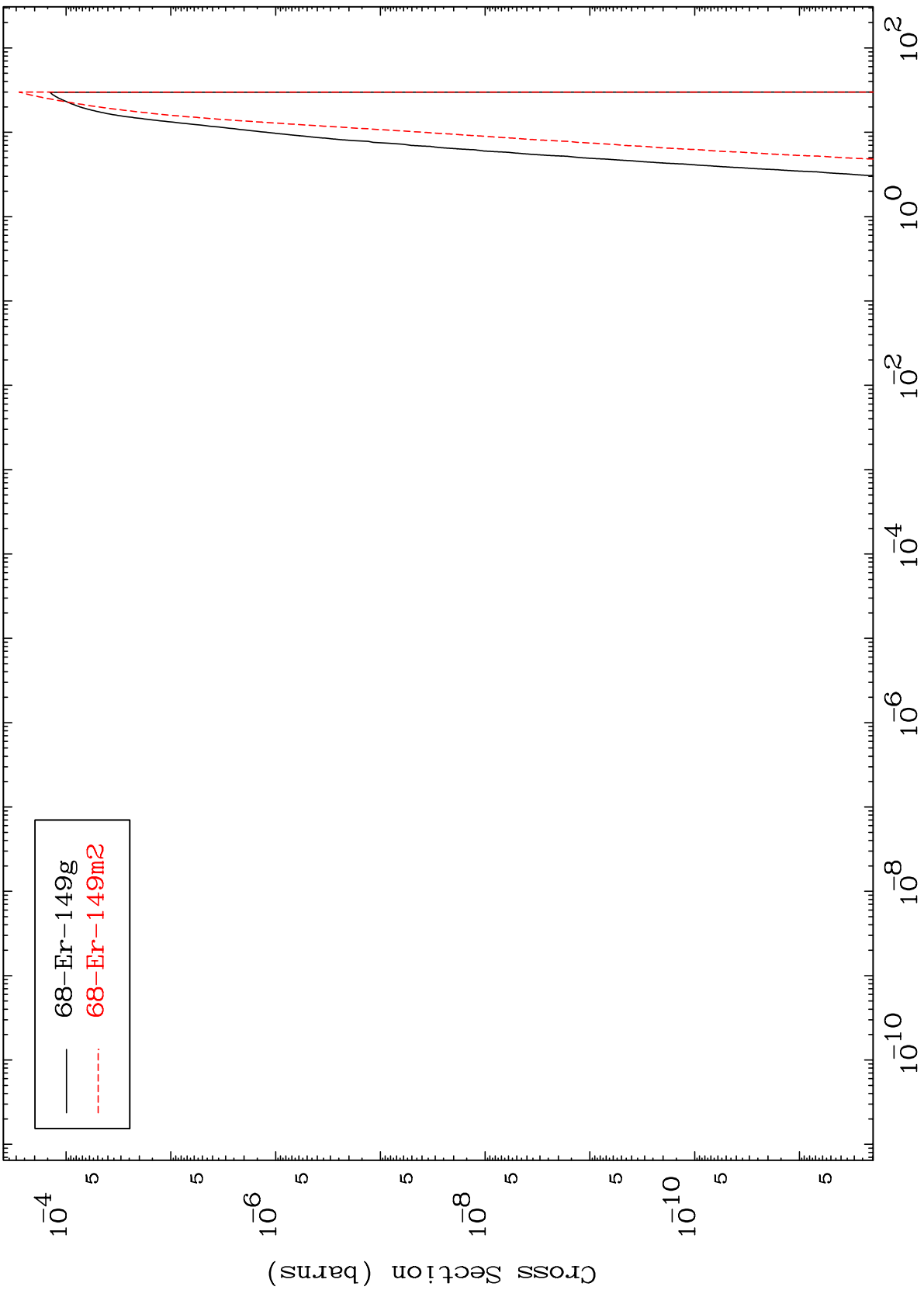
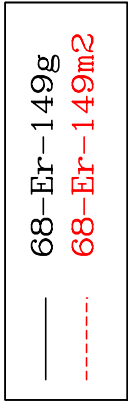
<sup>71</sup>Lu-154

MAT 7062

(n,d)  $\alpha$

71-Lu-154

Radionuclide Production Cross Section



109

Incident Energy (MeV)

71-Lu-154