

Program EVALPLOT  
(Version 2017-1)

by

Dermott E. Cullen  
(Present Contact Information)

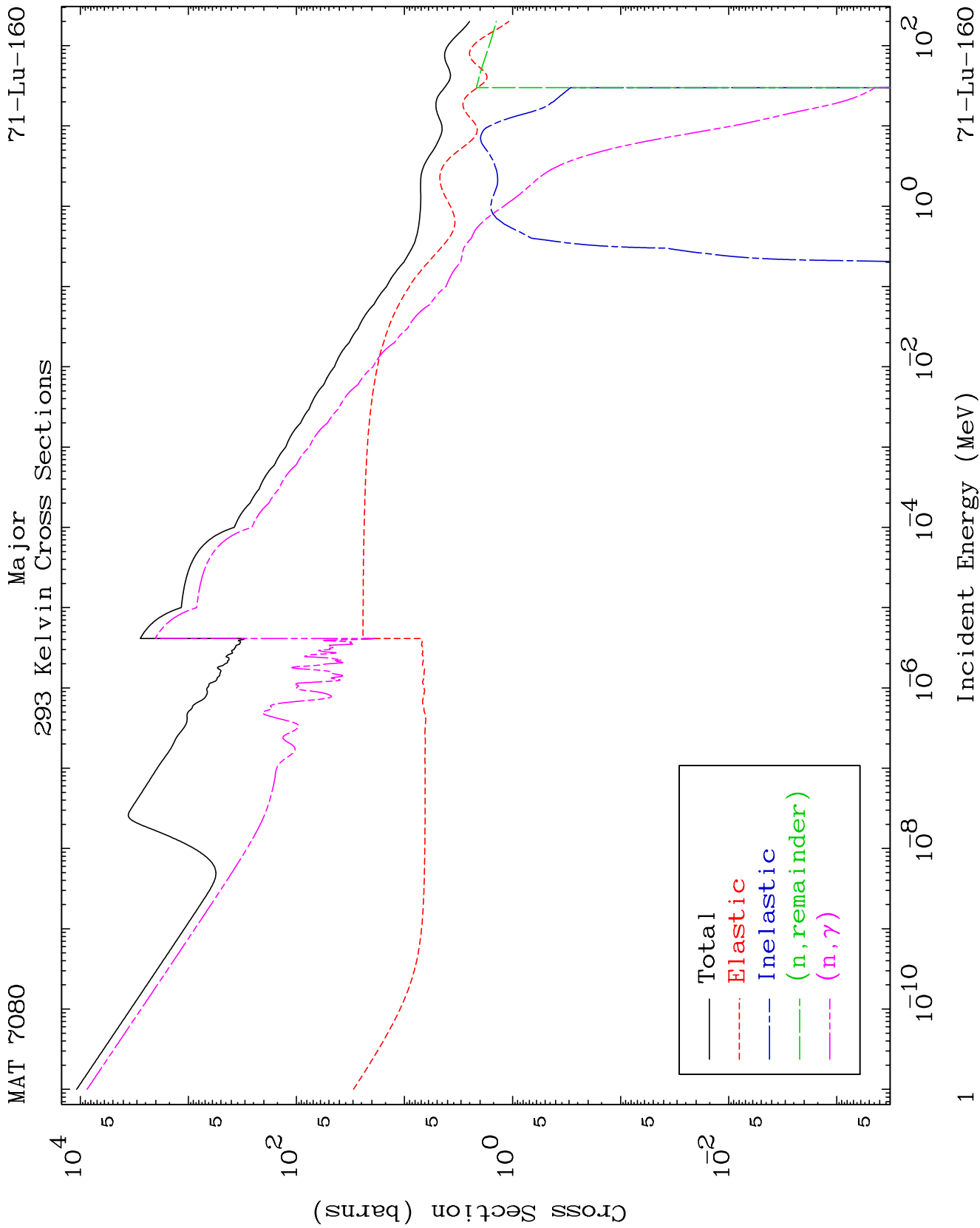
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

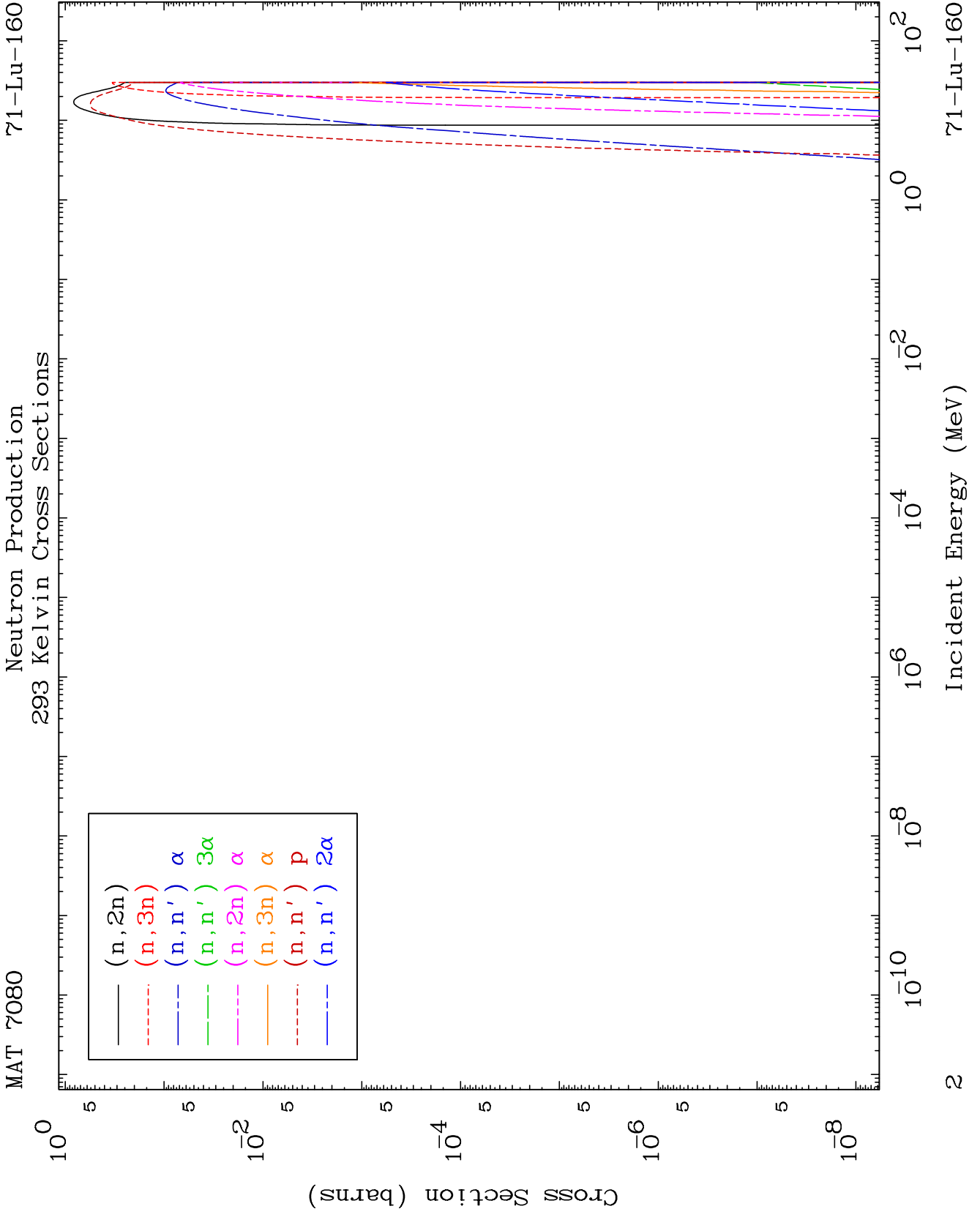
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

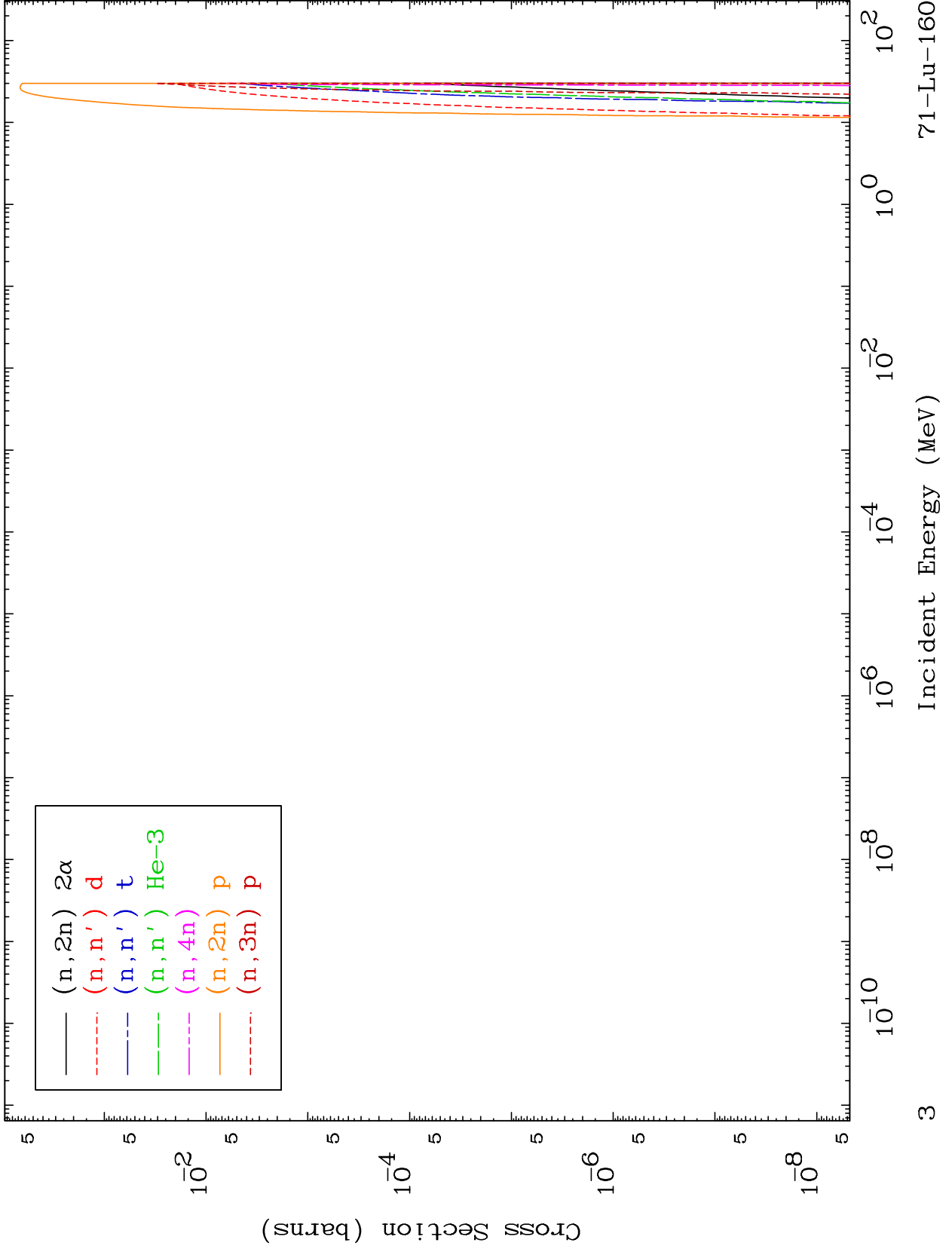




MAT 7080

Neutron Production  
293 Kelvin Cross Sections

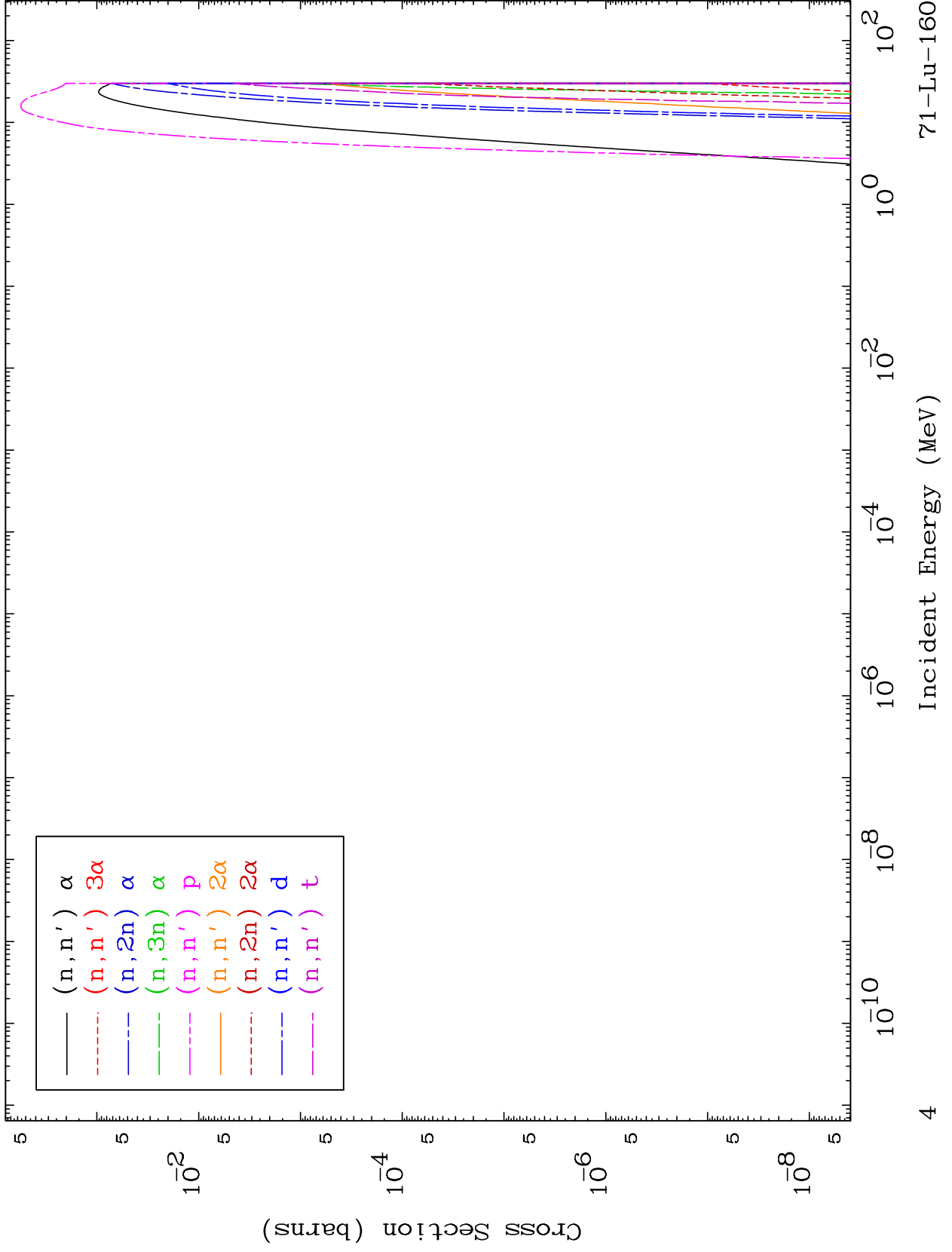
71-Lu-160



MAT 7080

Charged Particle  
293 Kelvin Cross Sections

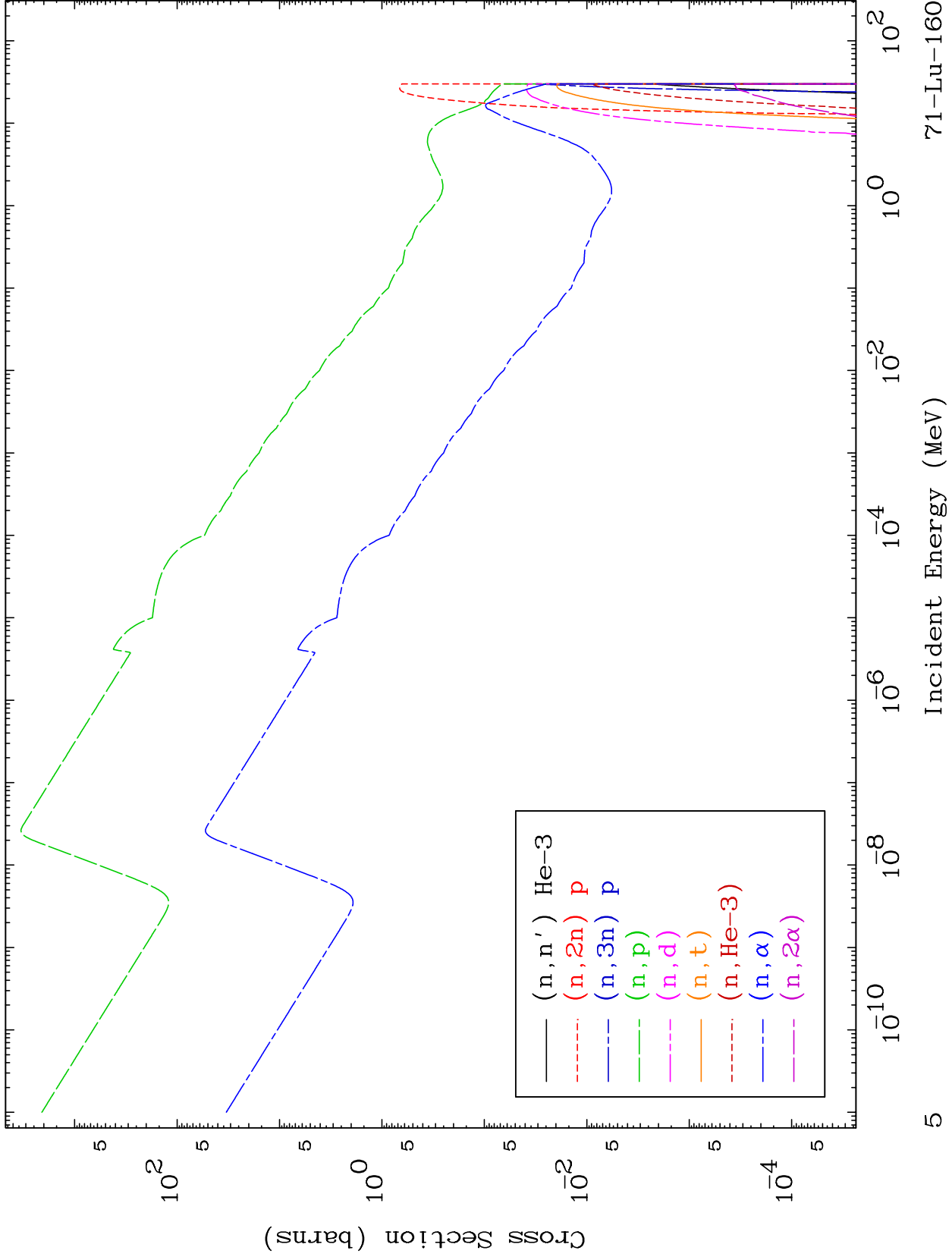
71-Lu-160

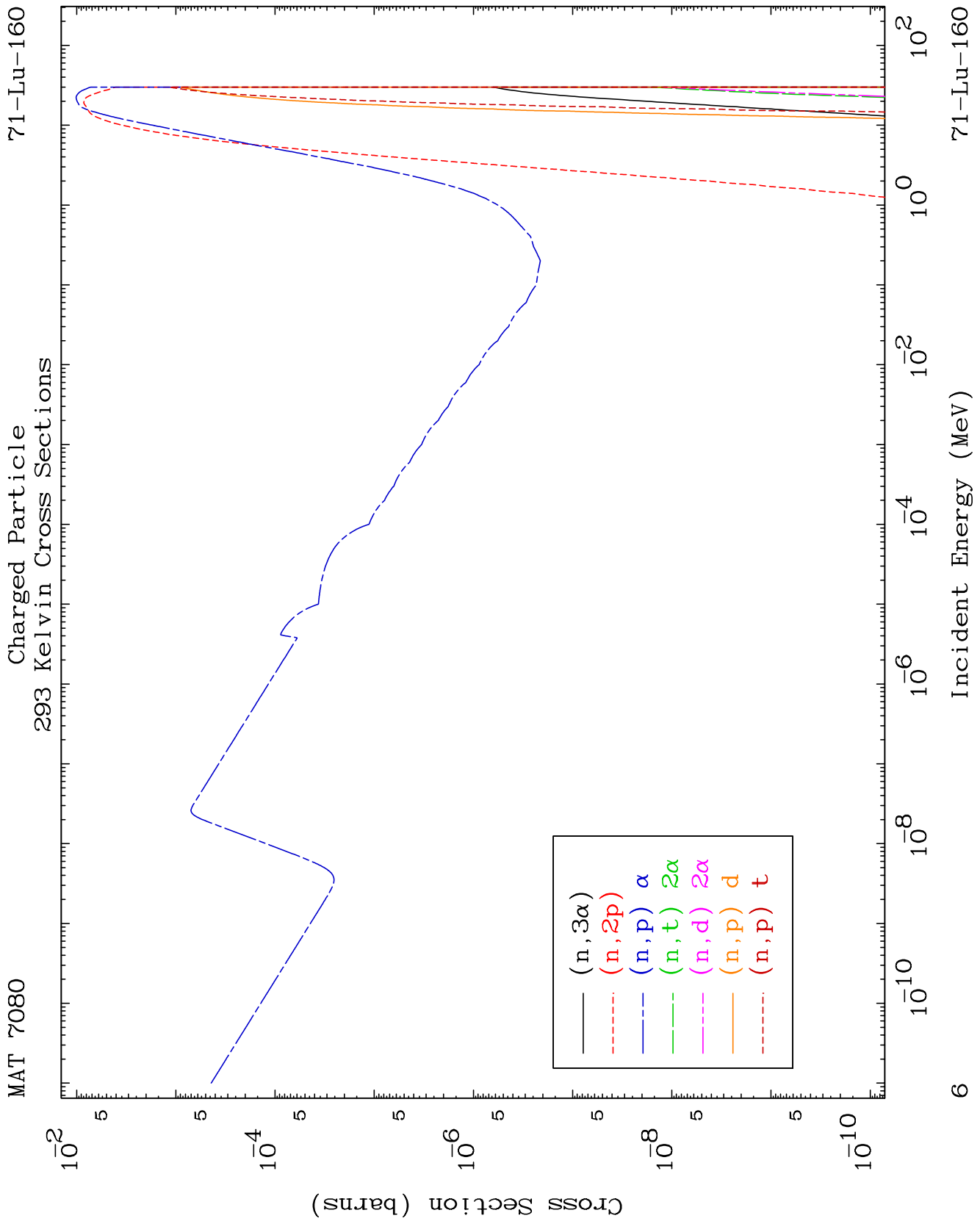


MAT 7080

Charged Particle  
293 Kelvin Cross Sections

71-Lu-160

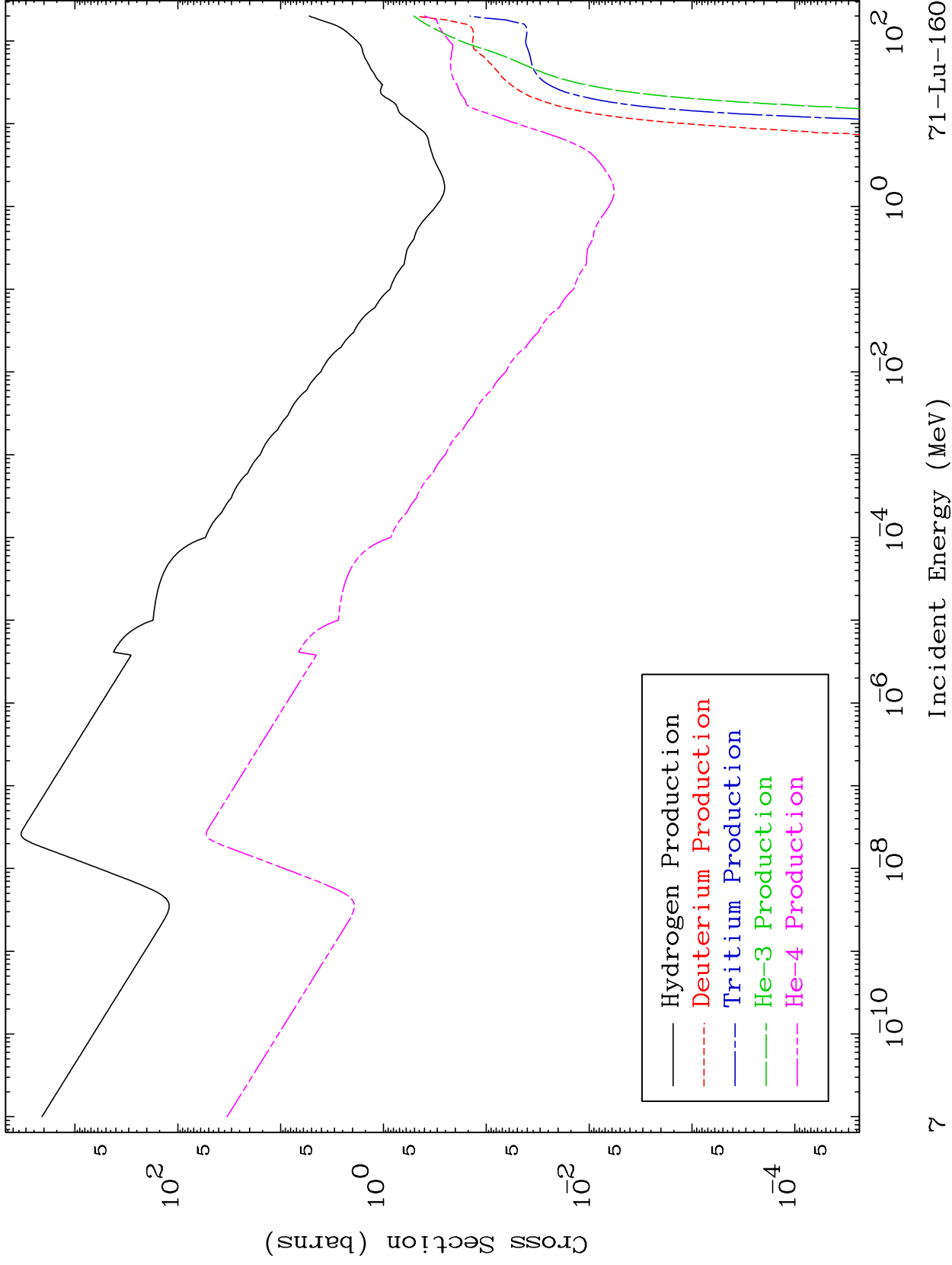




MAT 7080

Particle Production  
293 Kelvin Cross Sections

71-Lu-160



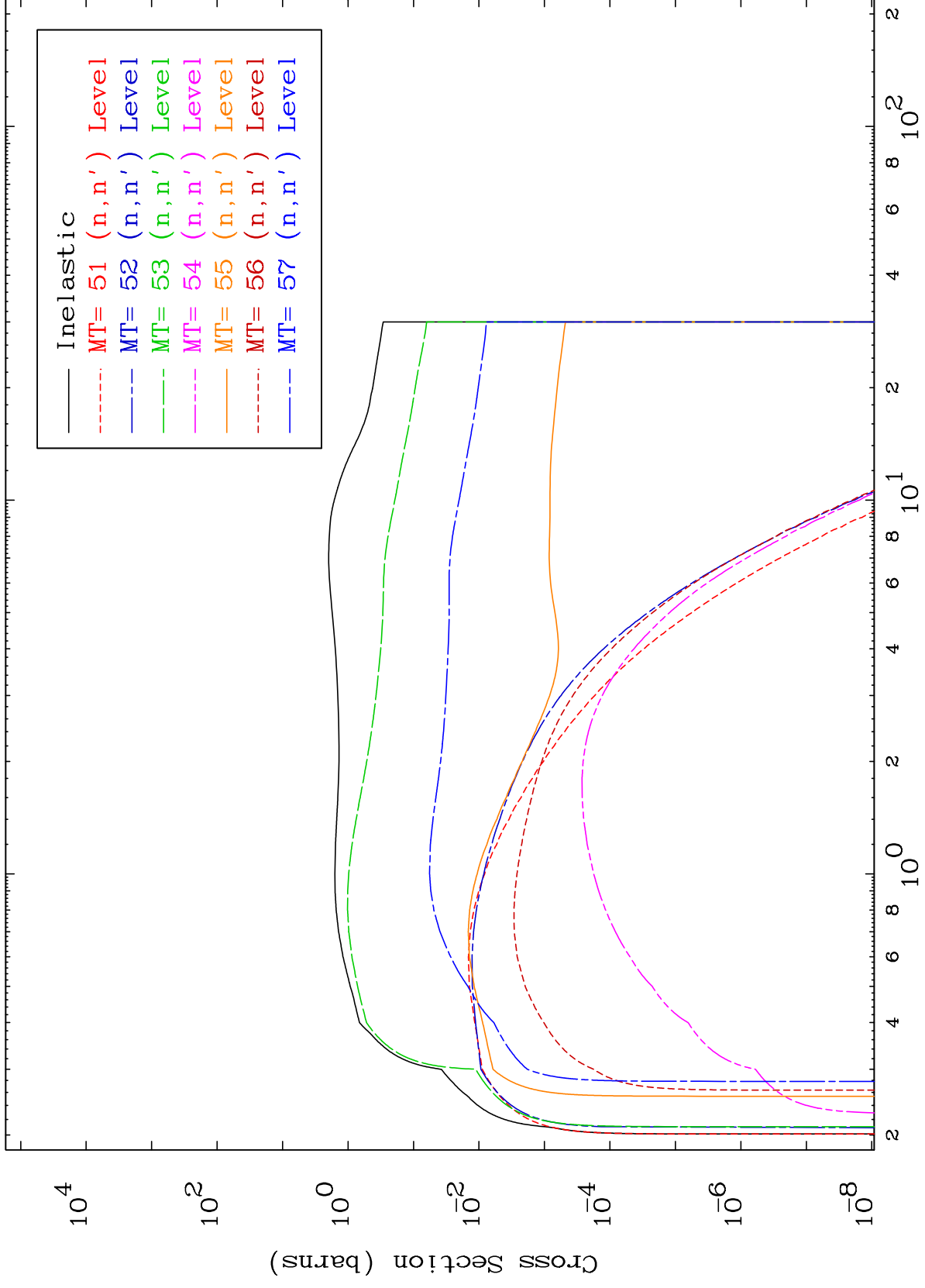


MAT 7080

(n,n') Level

71-Lu-160

293 Kelvin Cross Sections



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Incident Energy (MeV)

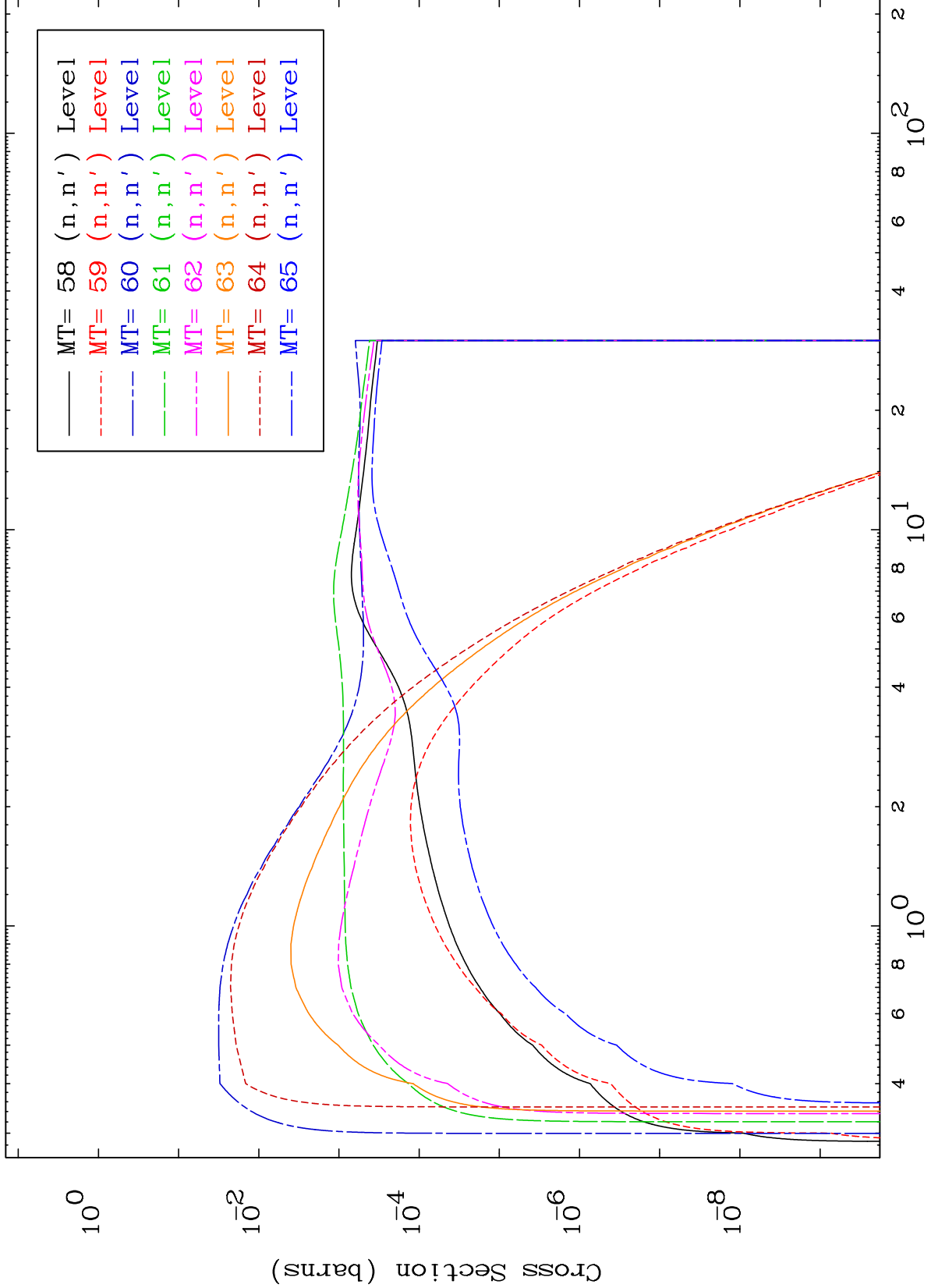
71-Lu-160

MAT 7080

(n,n') Level

293 Kelvin Cross Sections

71-Lu-160

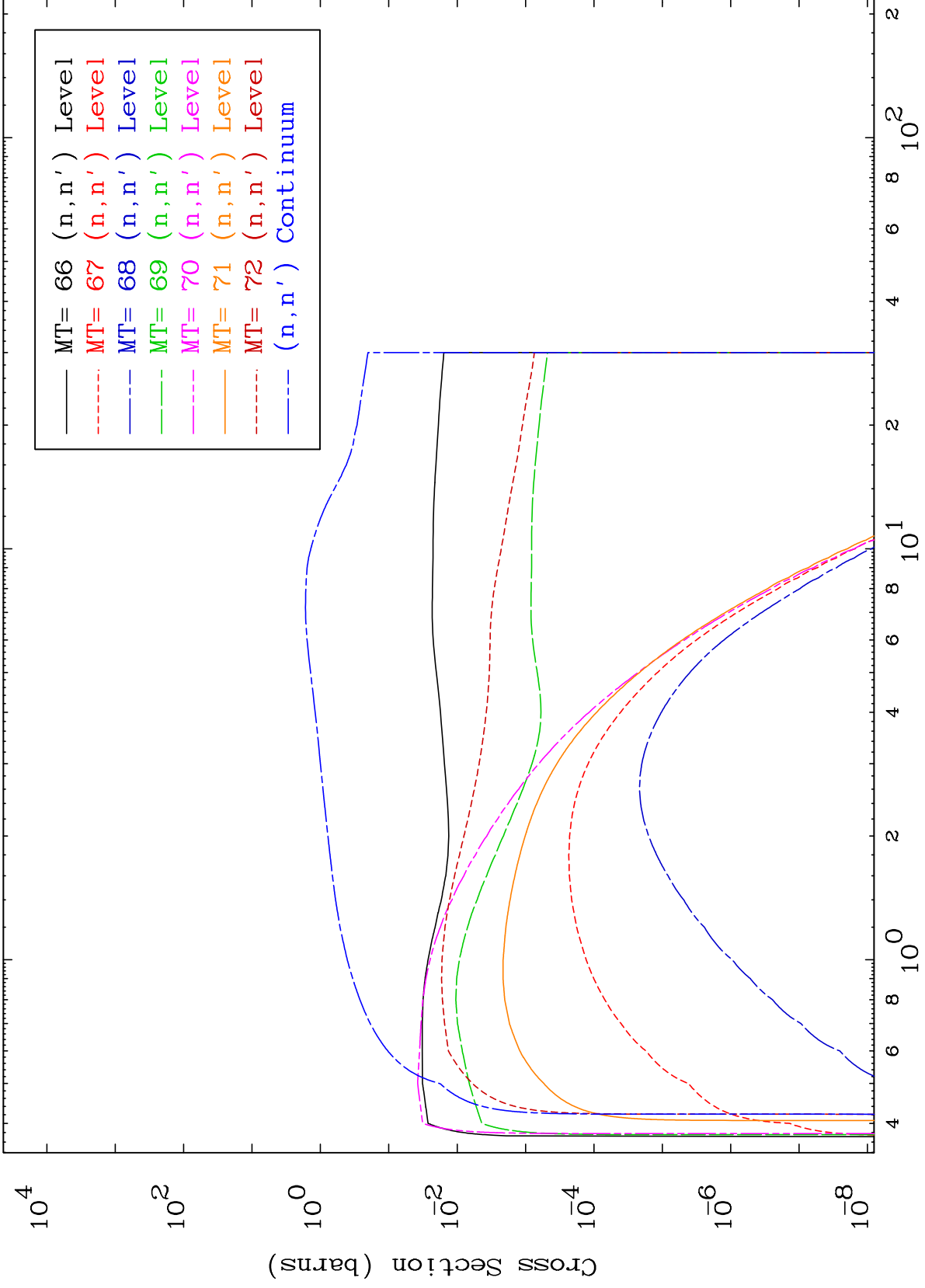


MAT 7080

(n,n') Level

71-Lu-160

293 Kelvin Cross Sections



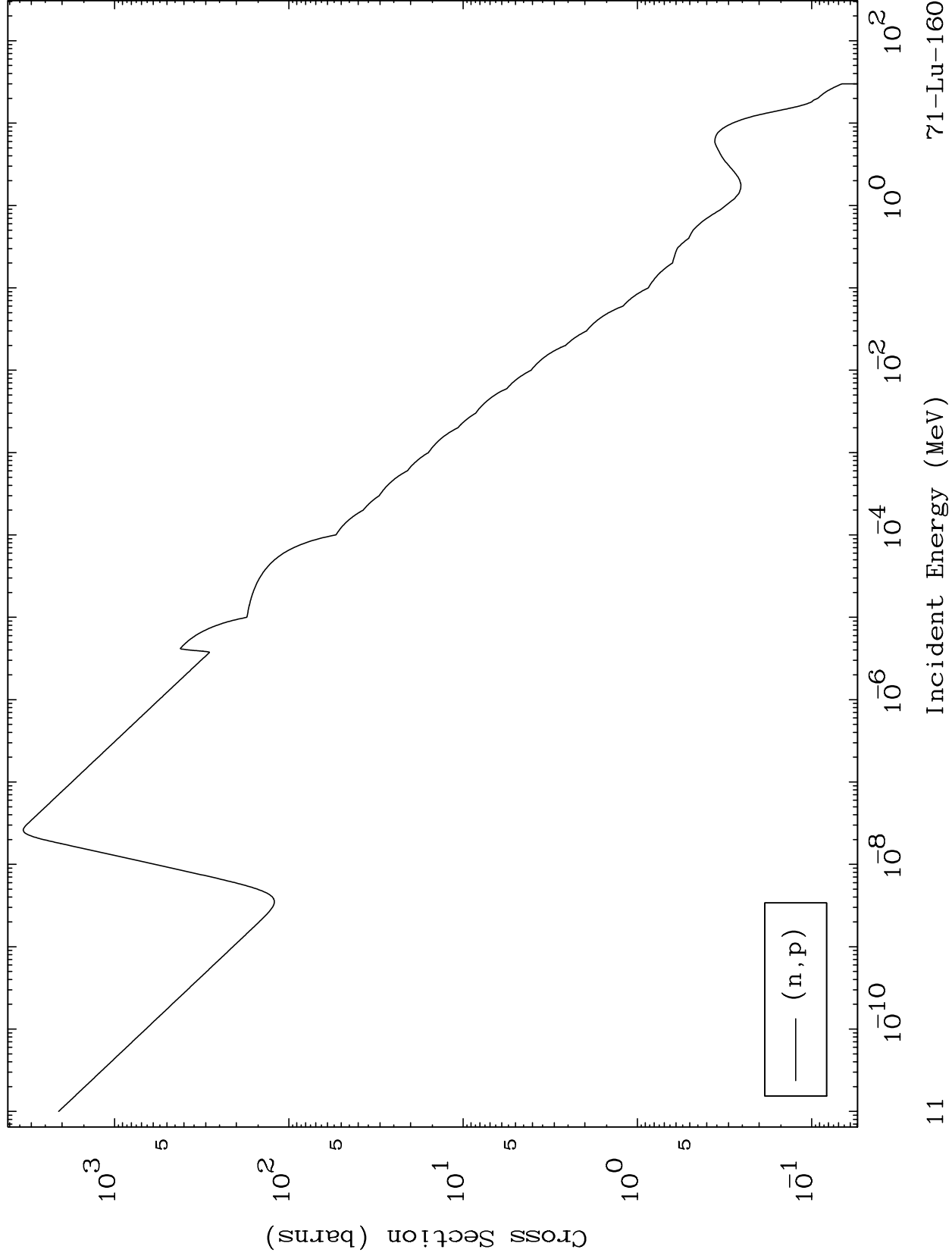
Incident Energy (MeV)

71-Lu-160

MAT 7080

(n,p) Levels  
293 Kelvin Cross Sections

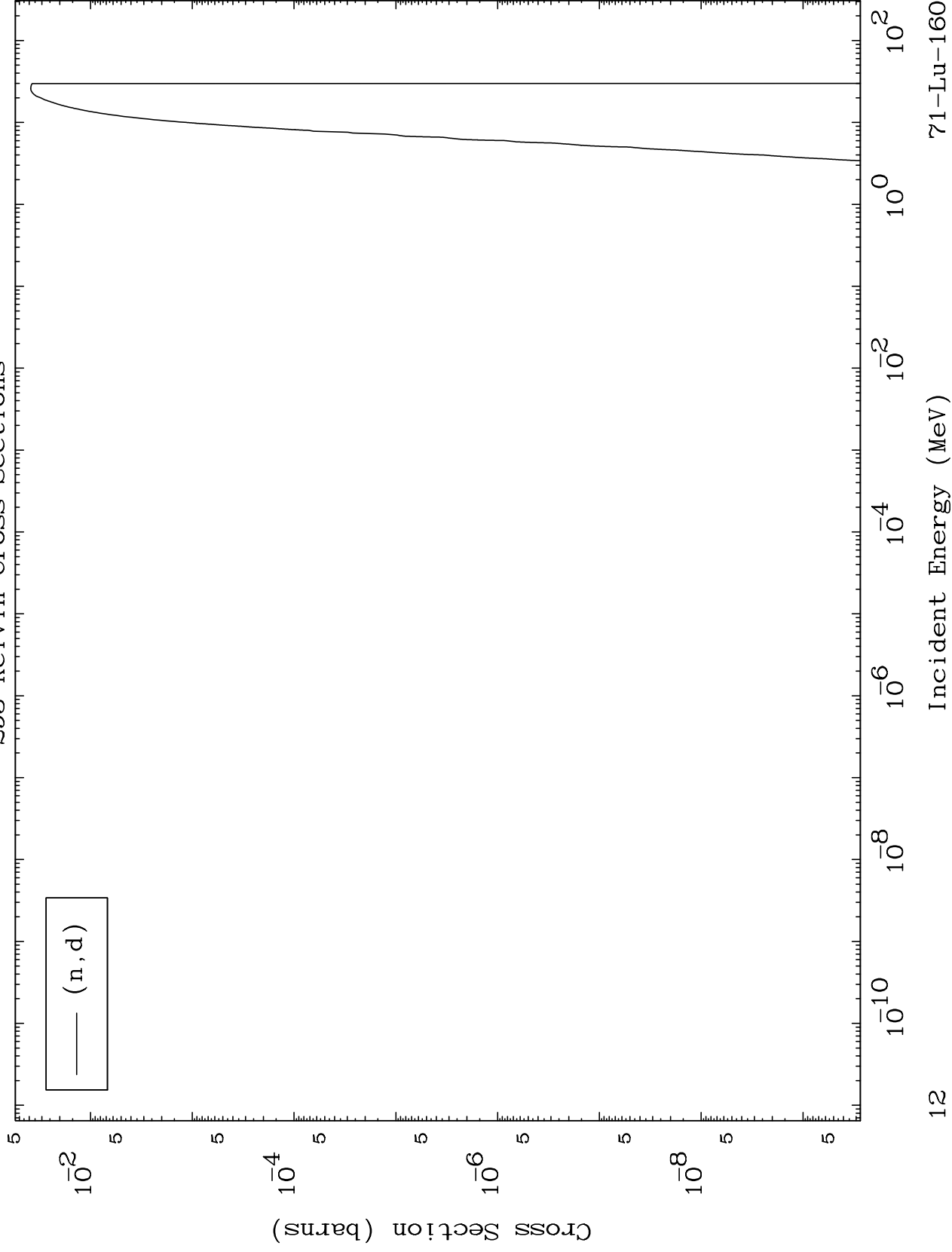
71-Lu-160



MAT 7080

(n,d) Levels  
293 Kelvin Cross Sections

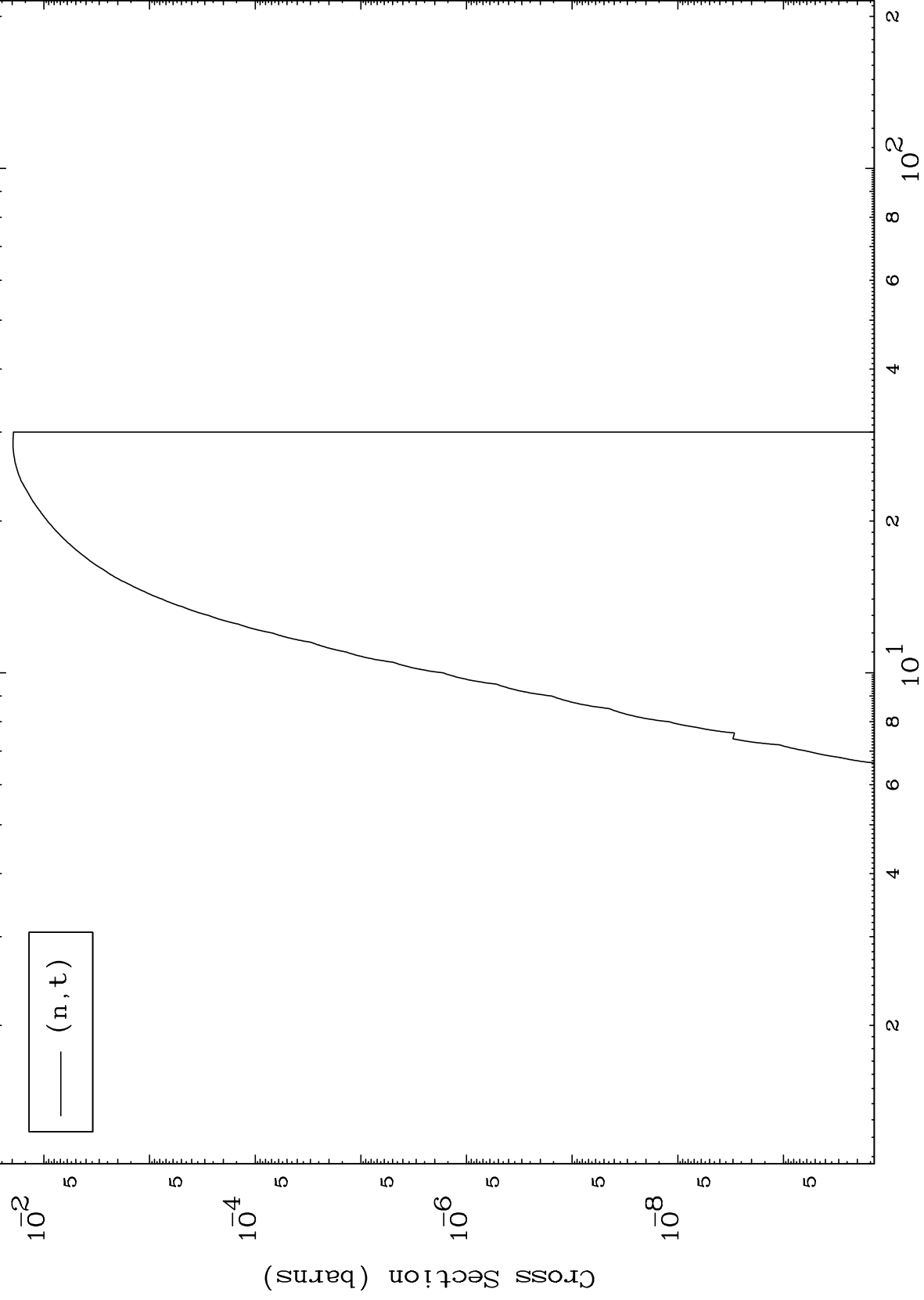
71-Lu-160



MAT 7080

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-160



13

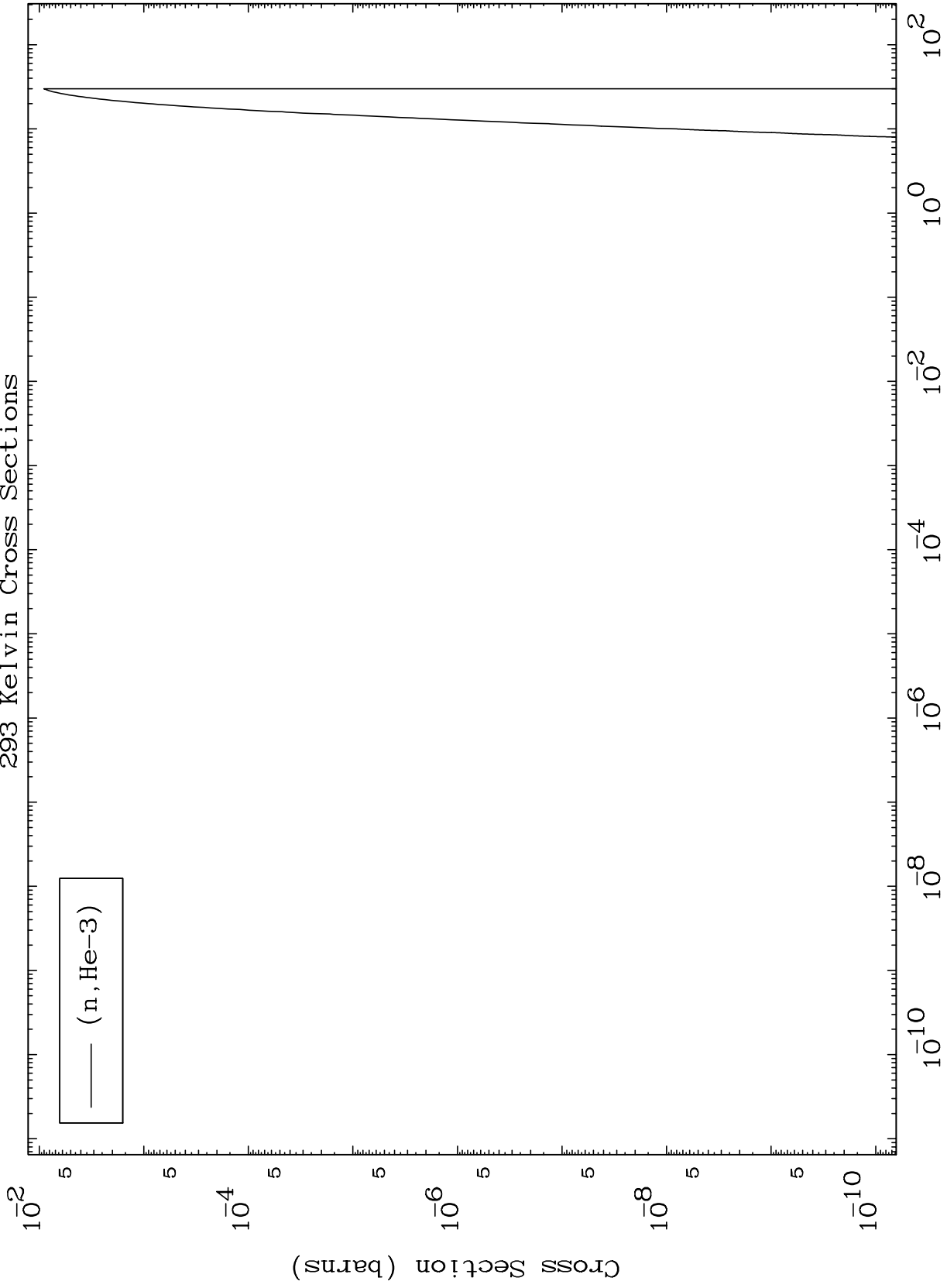
Incident Energy (MeV)

71-Lu-160

MAT 7080

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-160



14

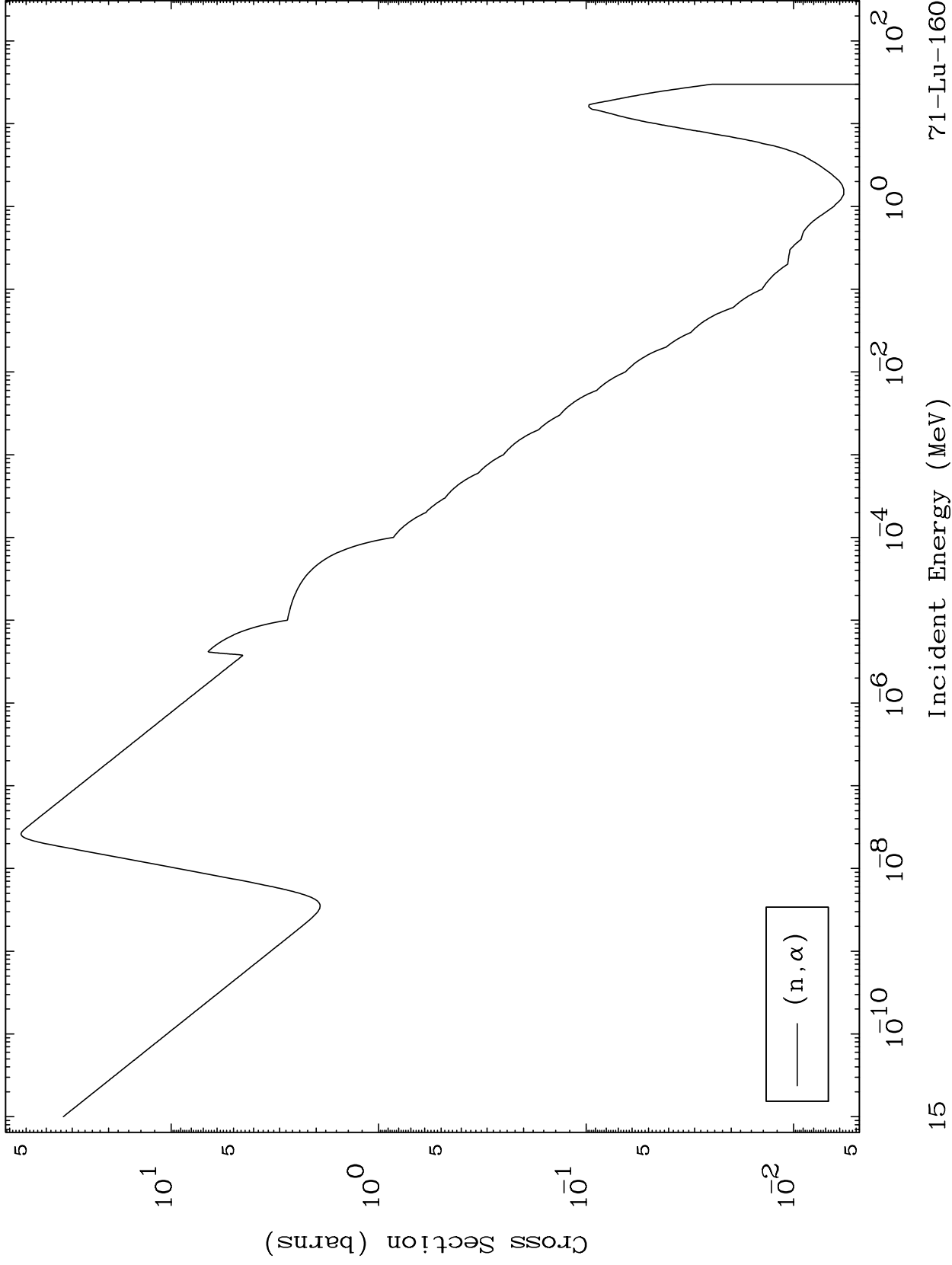
Incident Energy (MeV)

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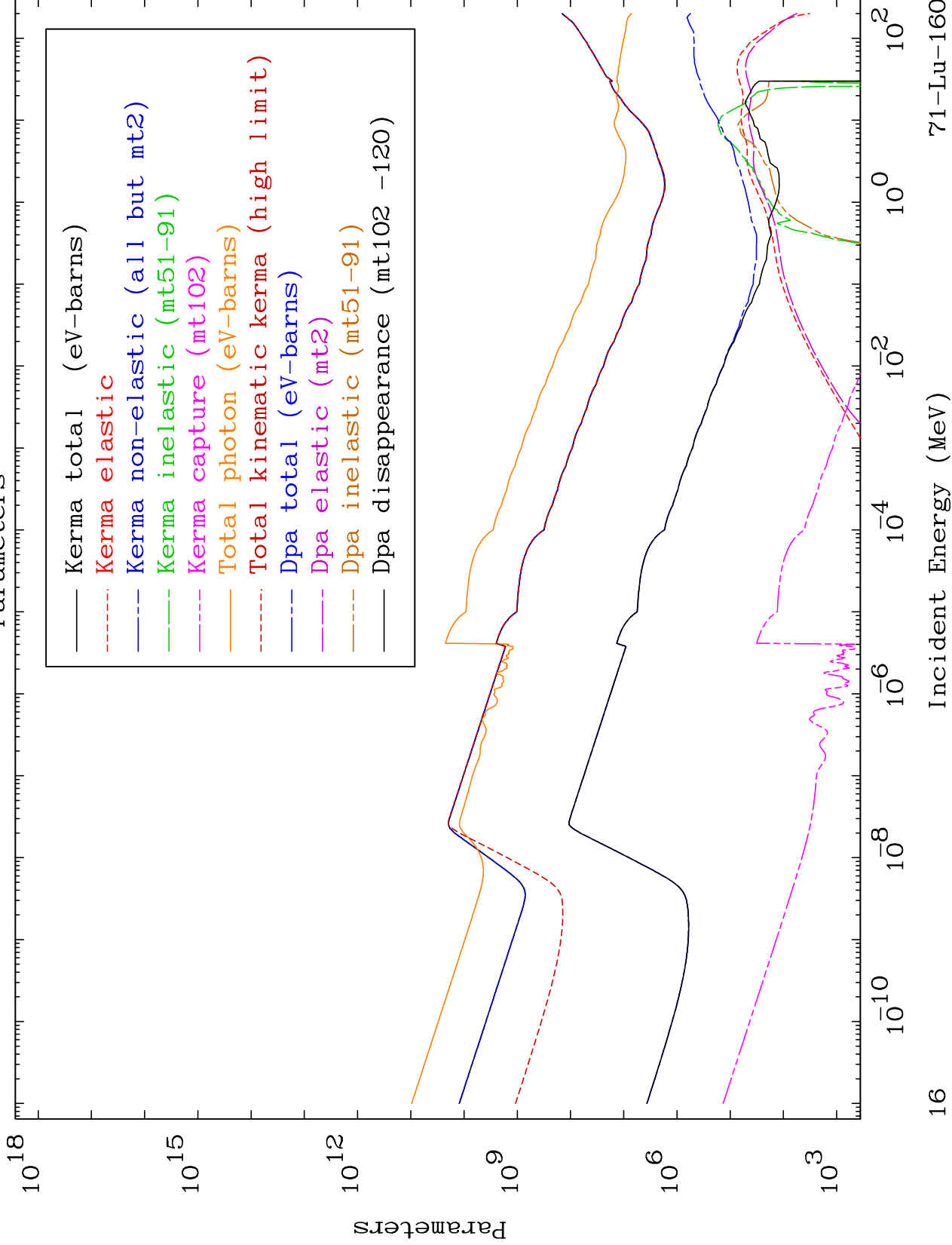
MAT 7080

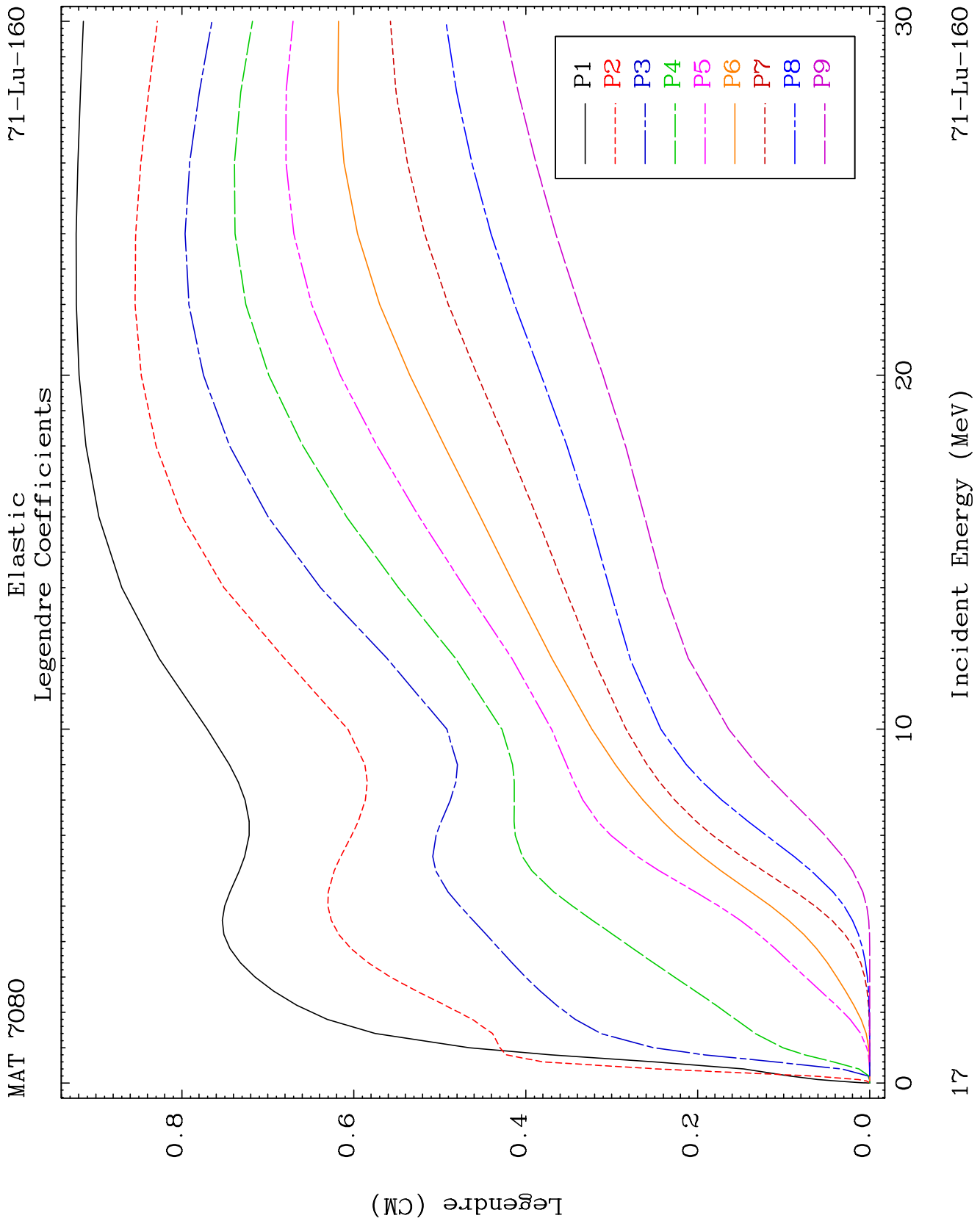
(n,α) Levels  
293 Kelvin Cross Sections

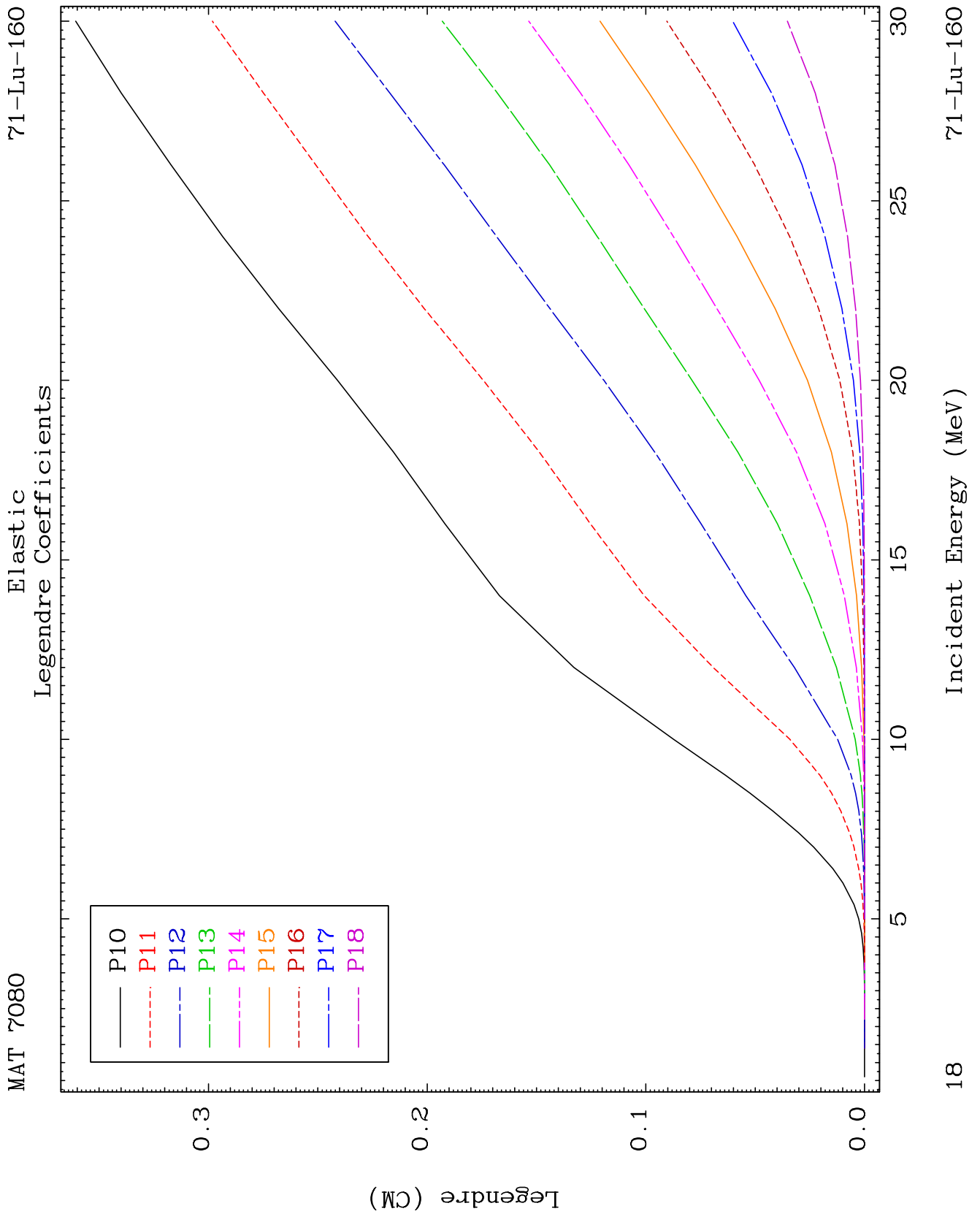
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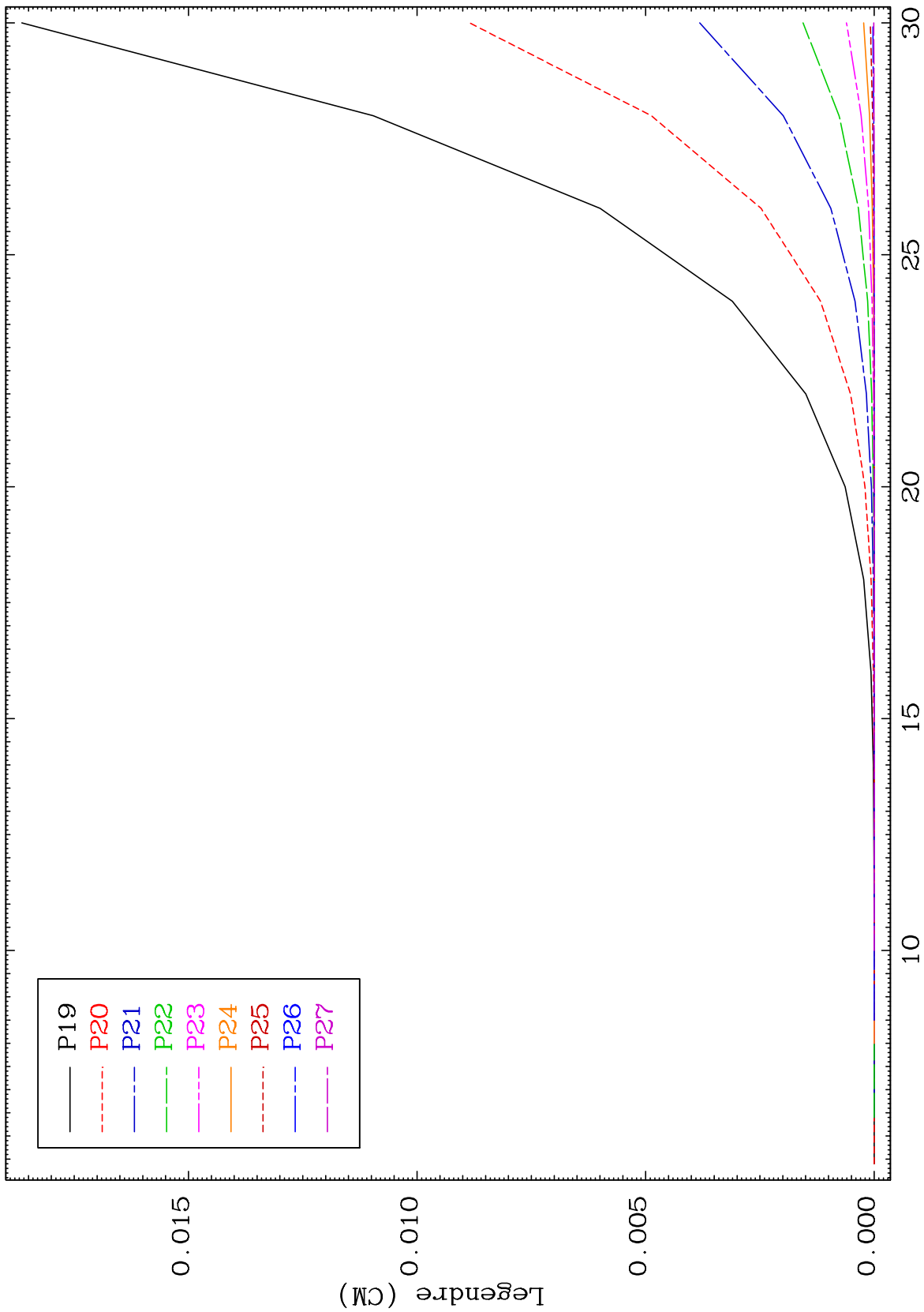




MAT 7080

Elastic Legendre Coefficients

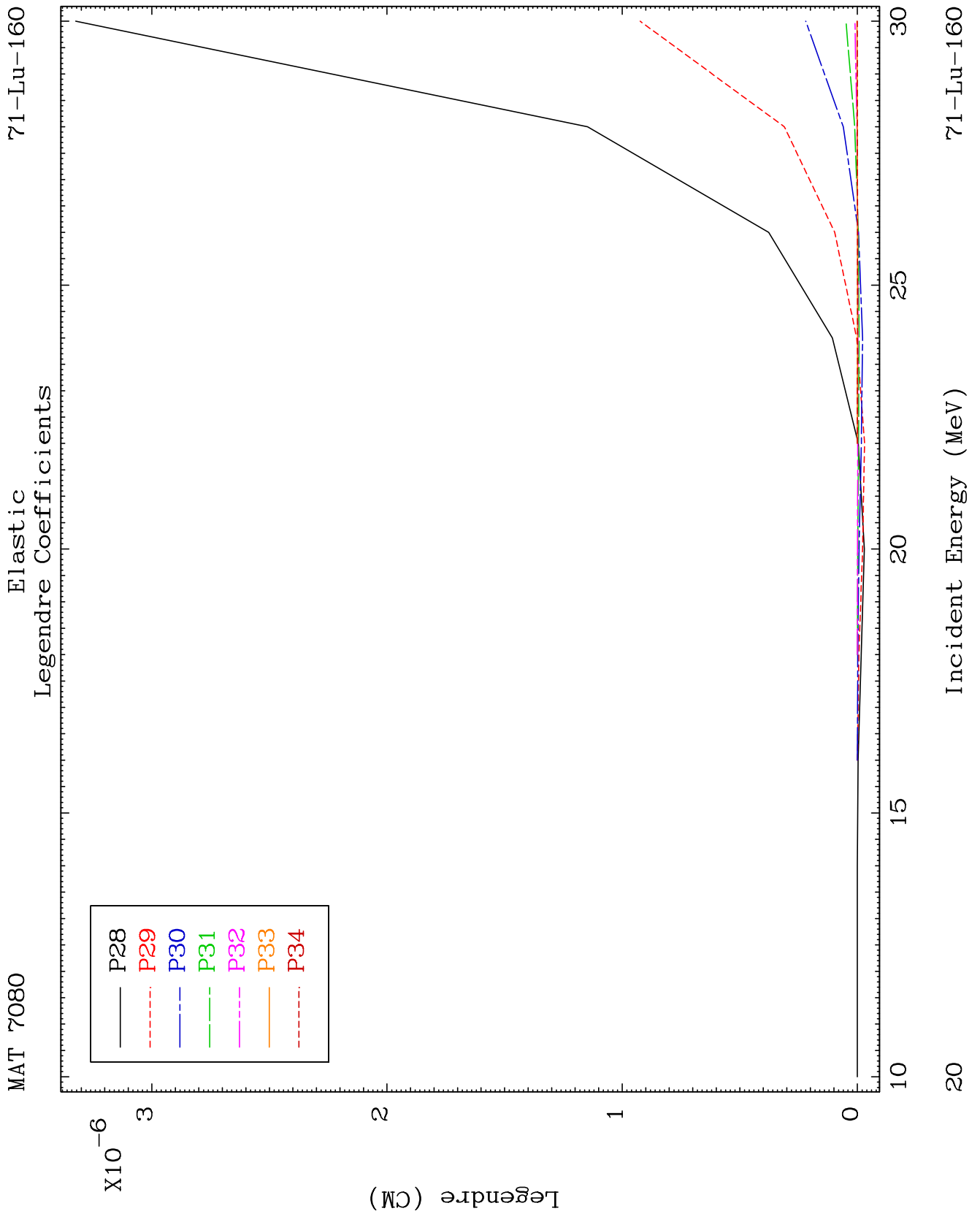
<sup>71</sup>Lu-160

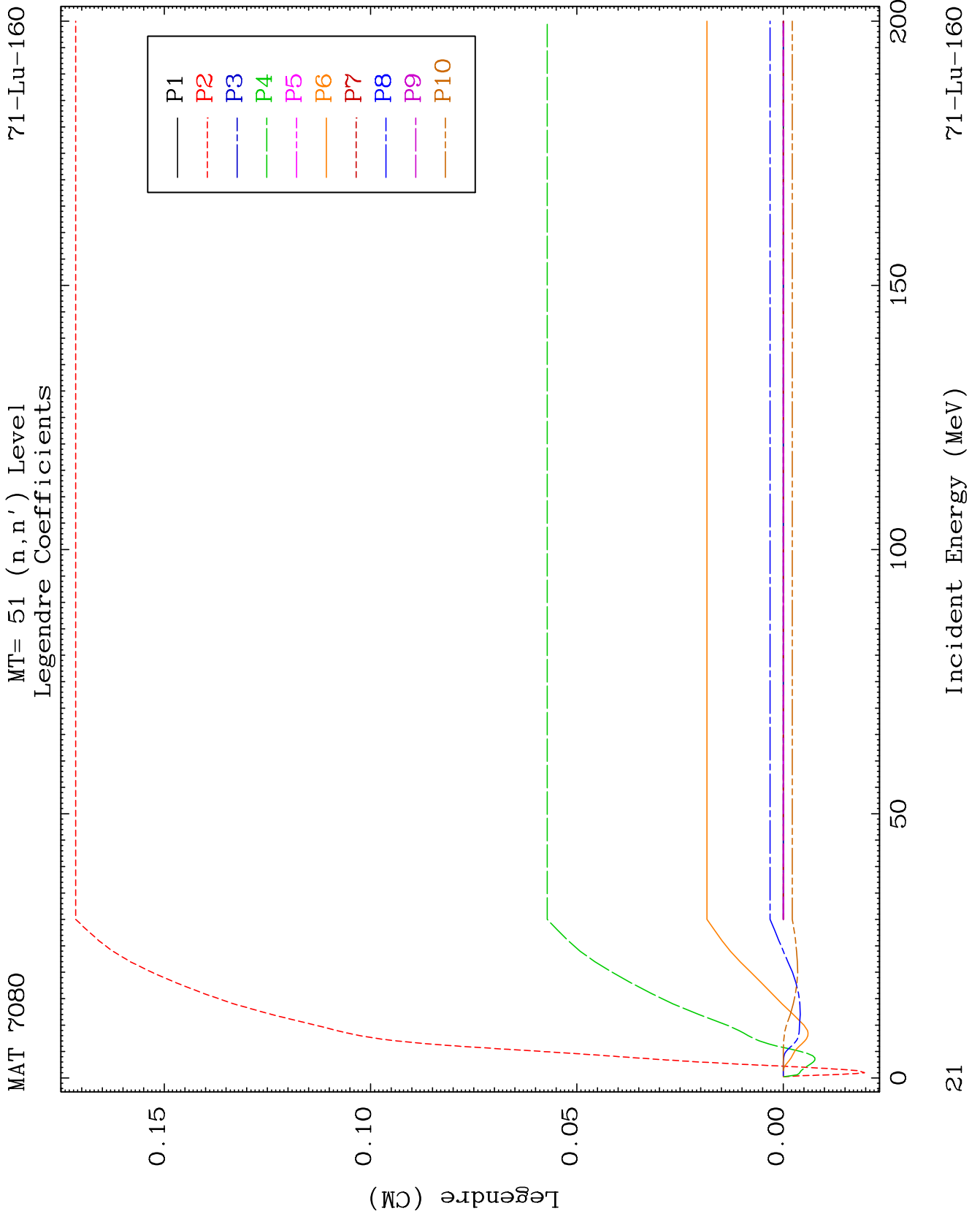


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Incident Energy (MeV)

<sup>71</sup>Lu-160

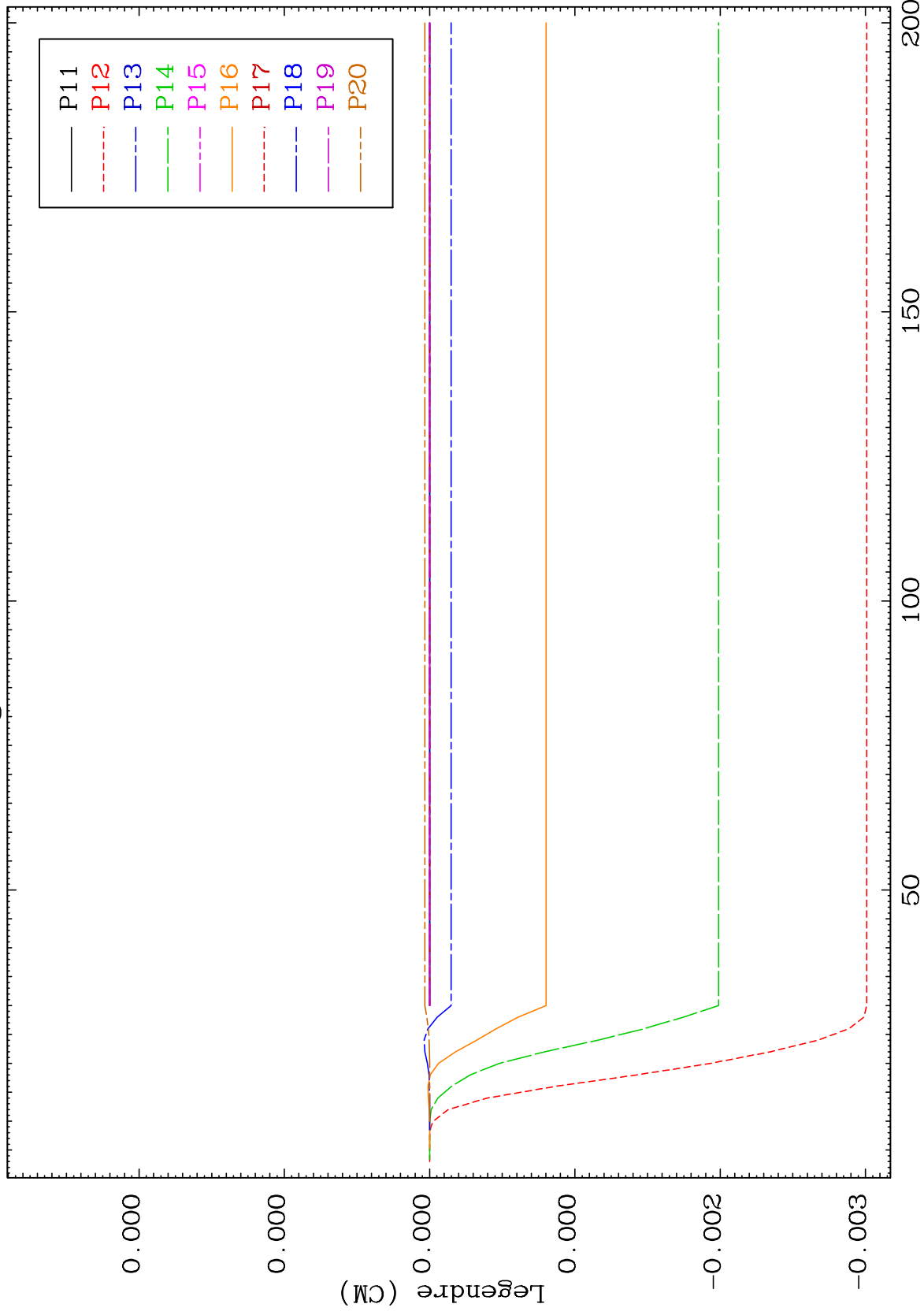




MAT 7080

MT= 51 (n,n') Level  
Legendre Coefficients

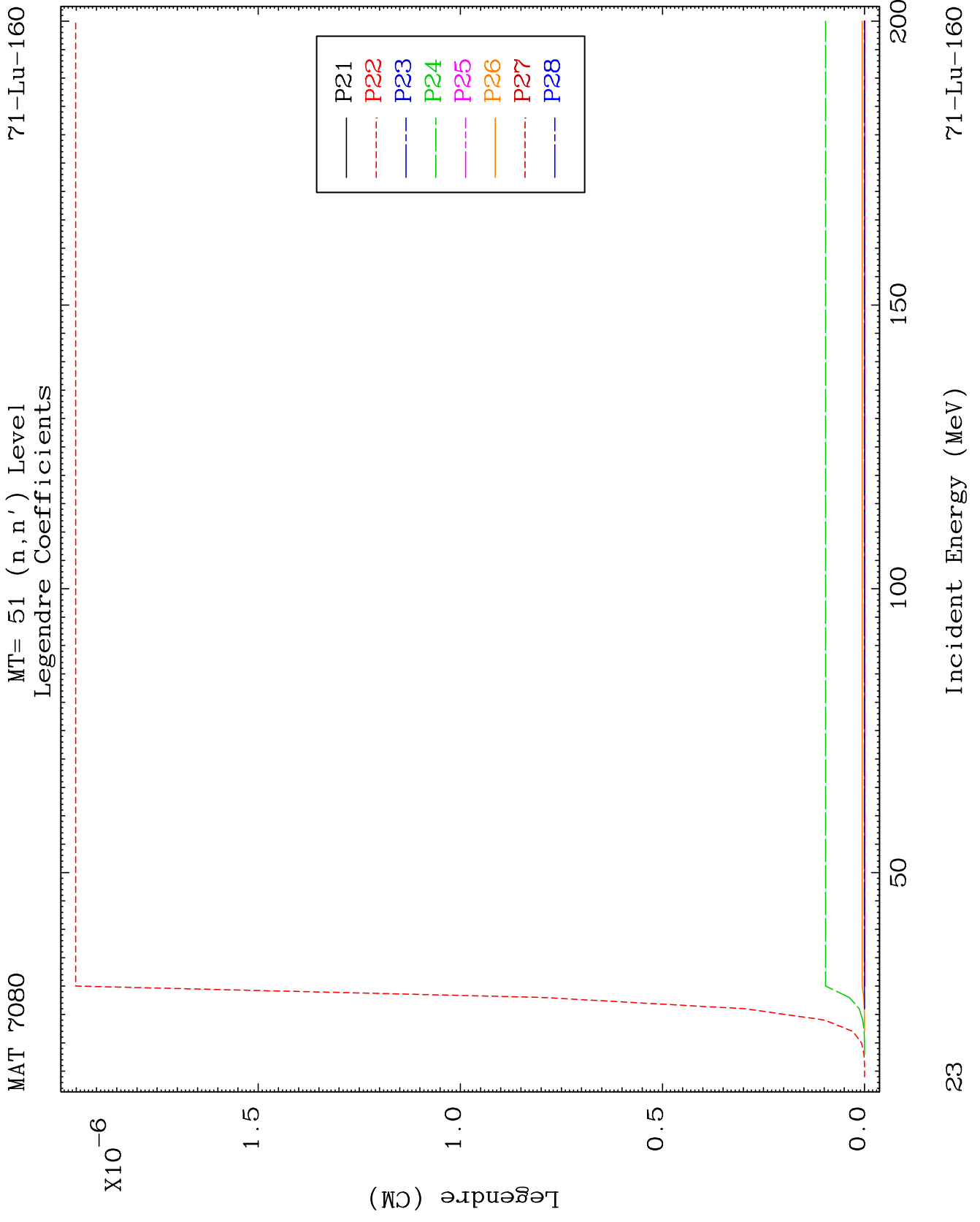
71-Lu-160



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Incident Energy (MeV)

71-Lu-160



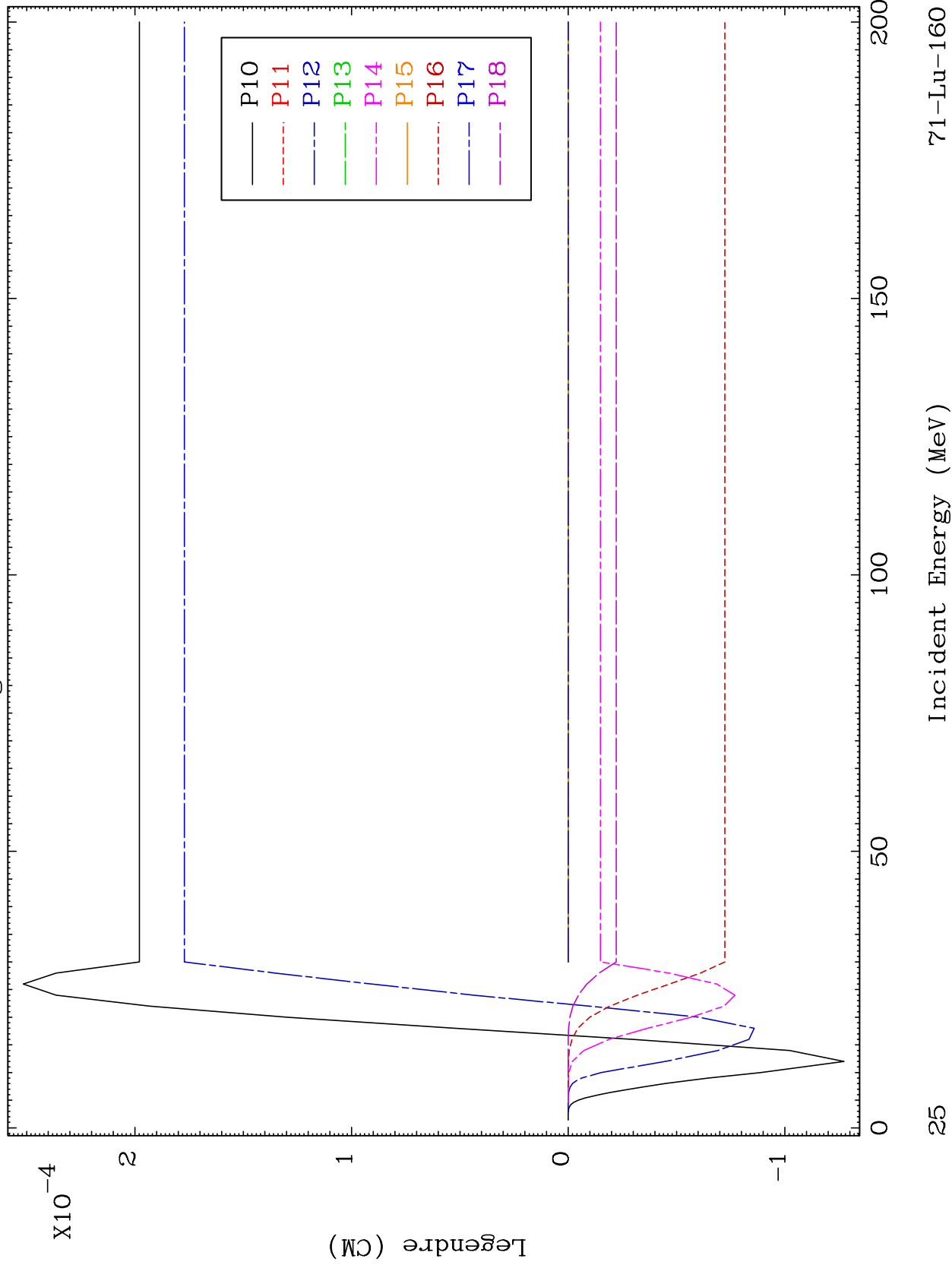




MAT 7080

MT= 52 (n,n') Level  
Legendre Coefficients

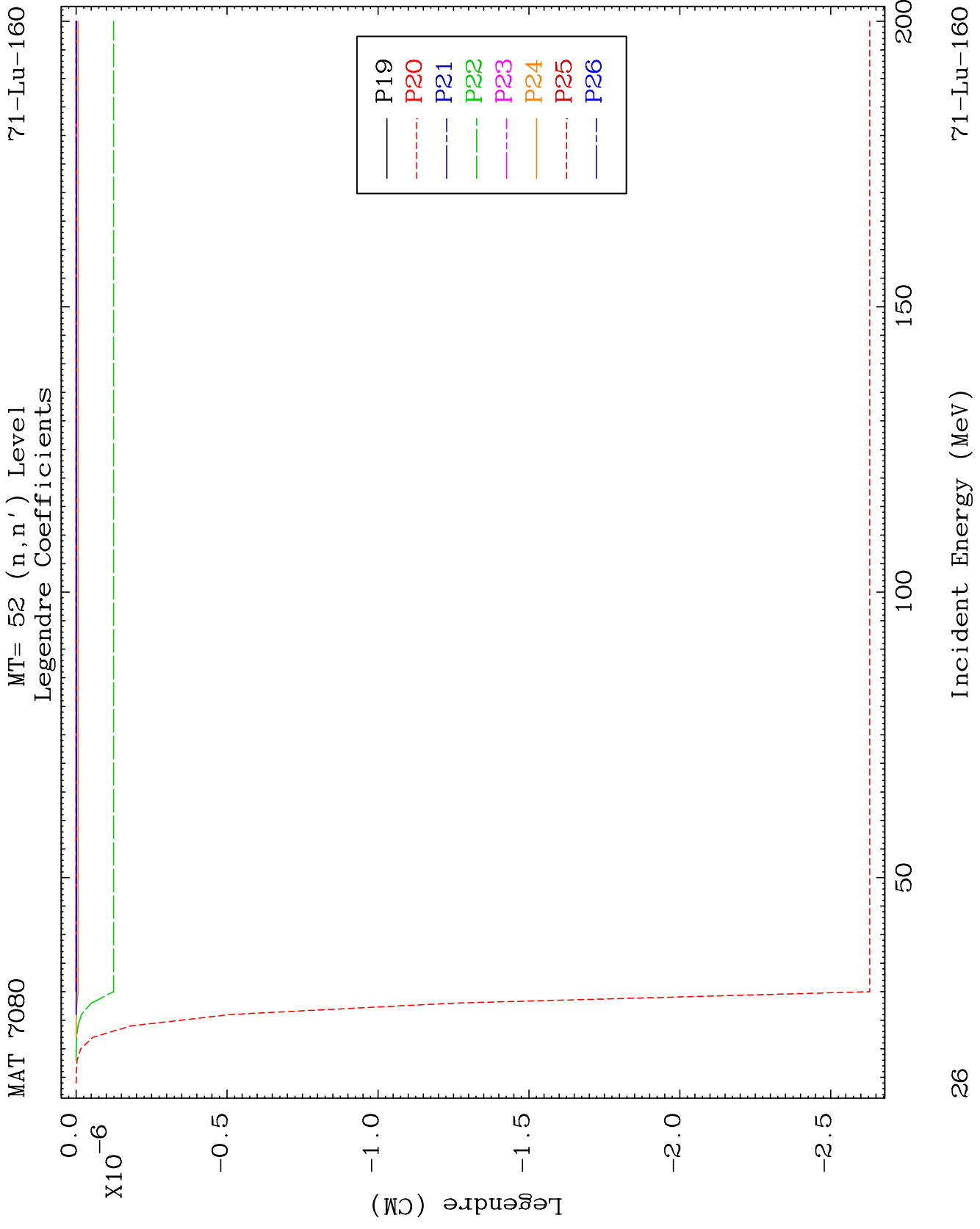
71-Lu-160

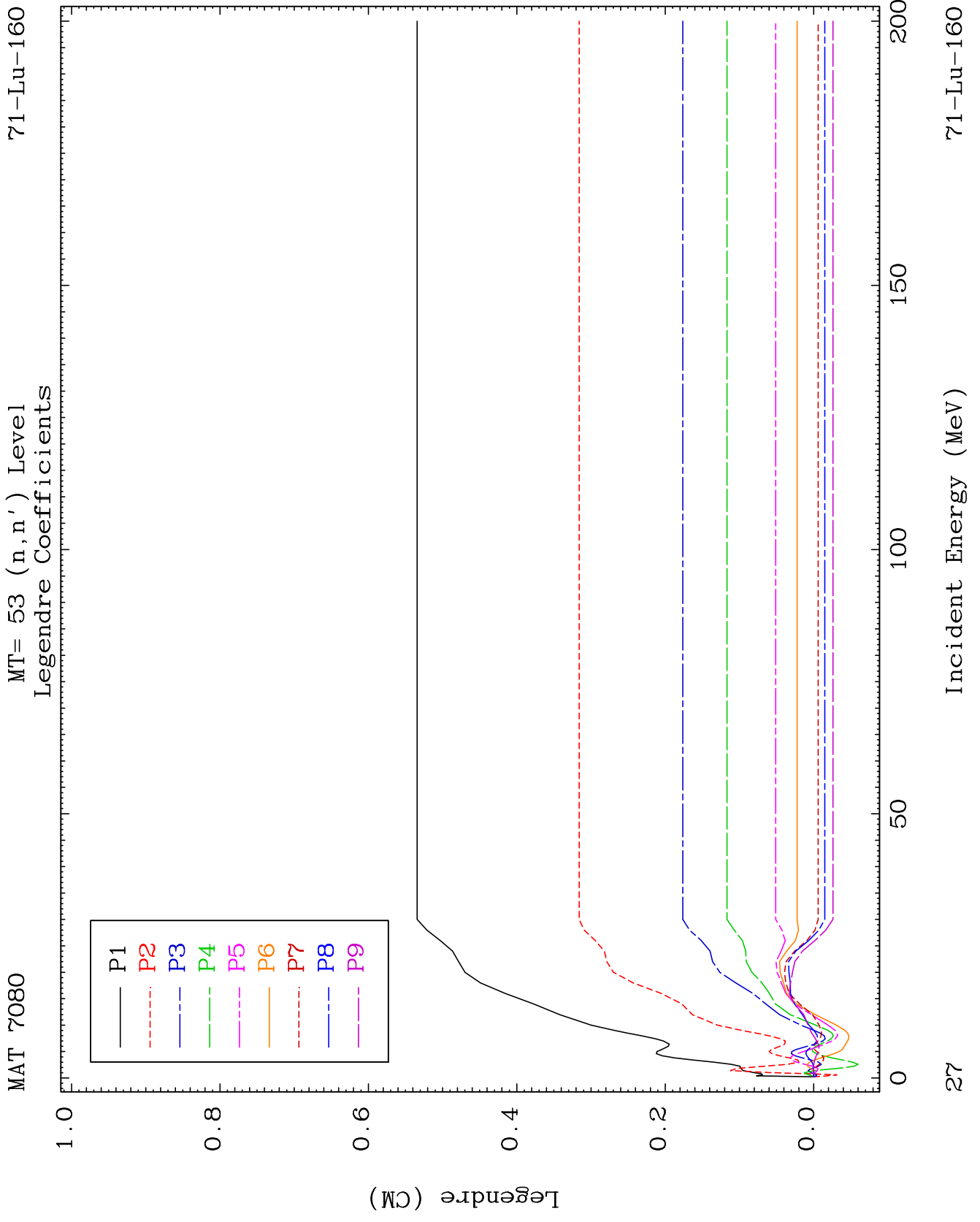


71-Lu-160

Incident Energy (MeV)

25

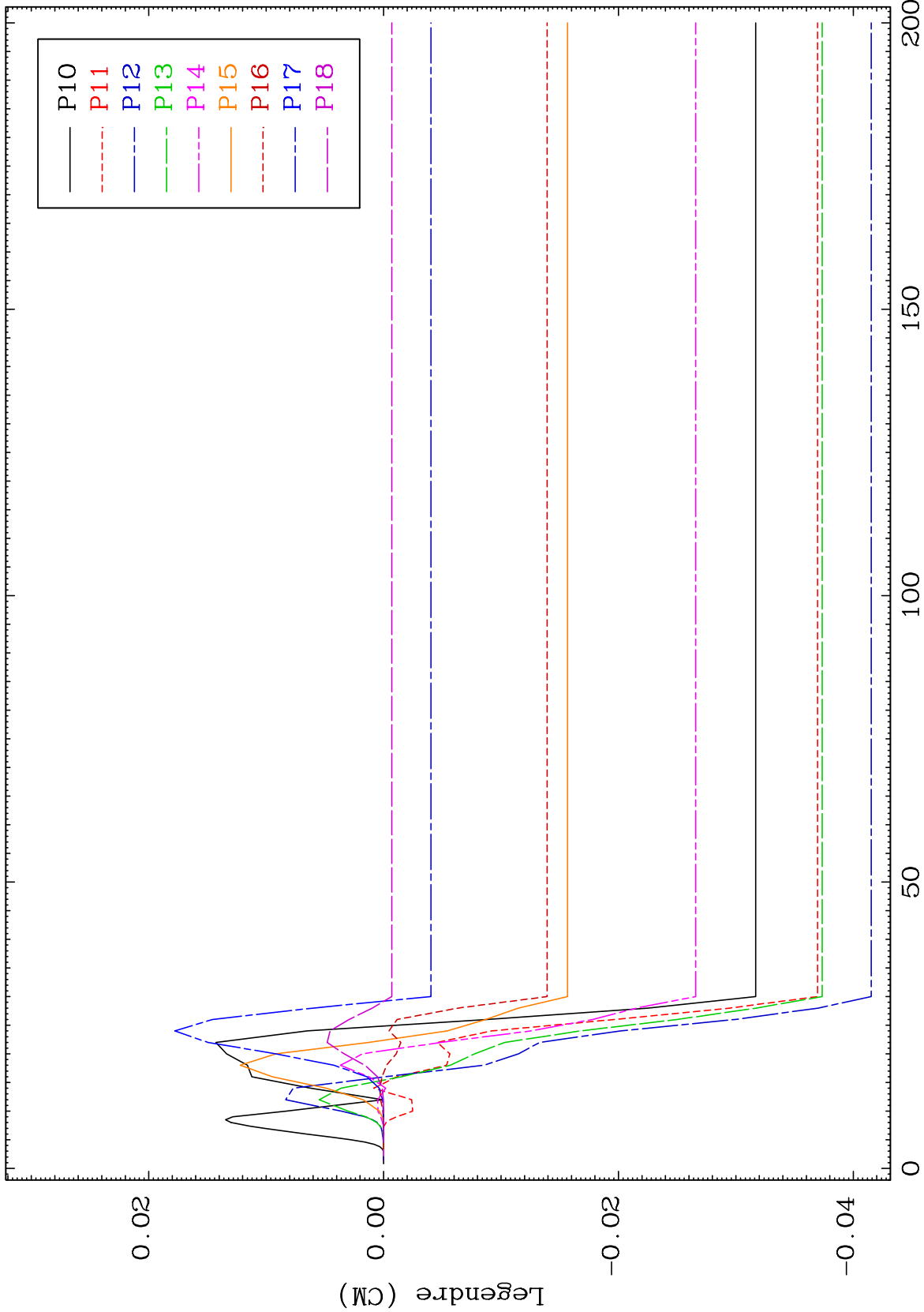




MAT 7080

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

71-Lu-160



28

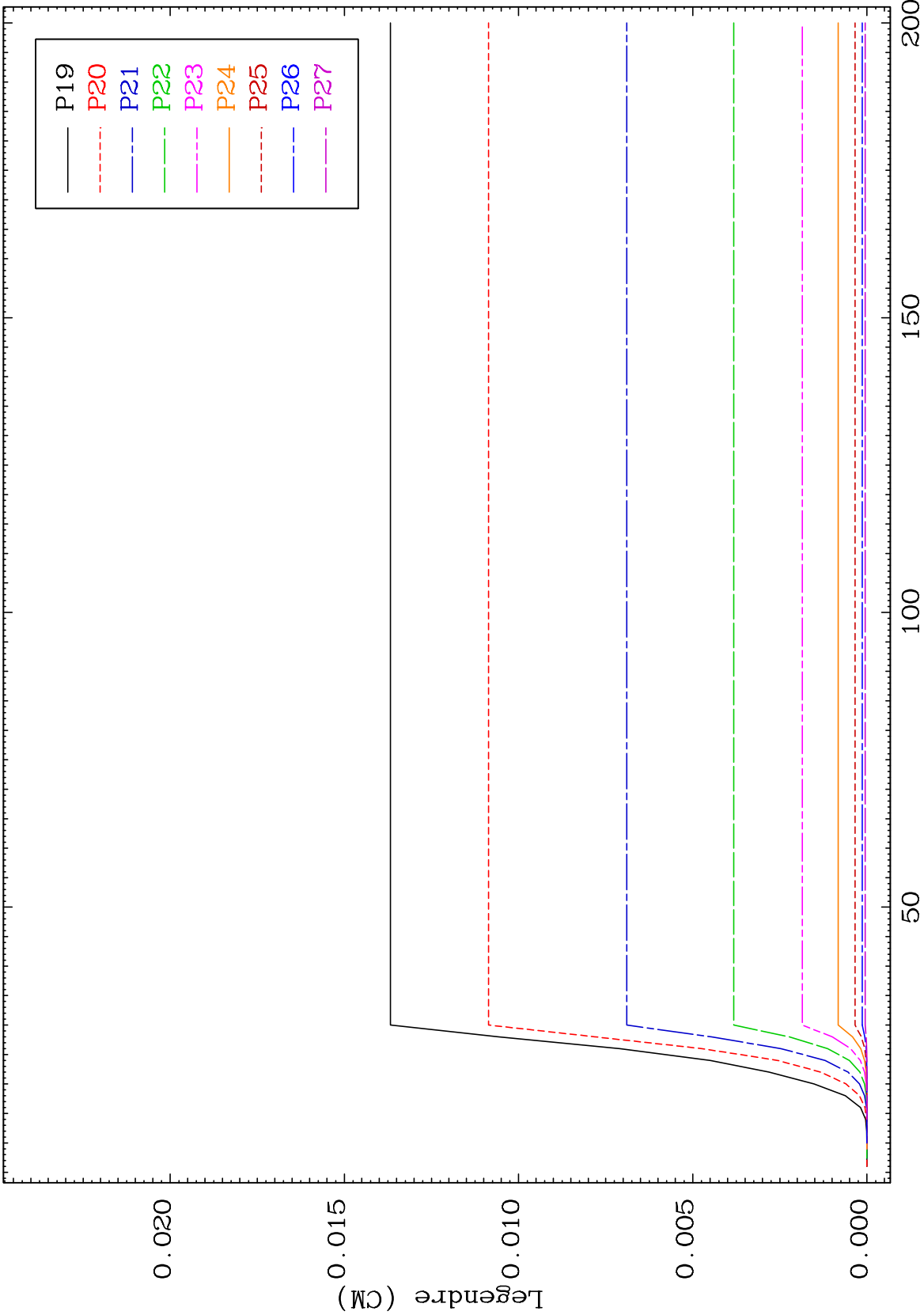
Incident Energy (MeV)

71-Lu-160

MAT 7080

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

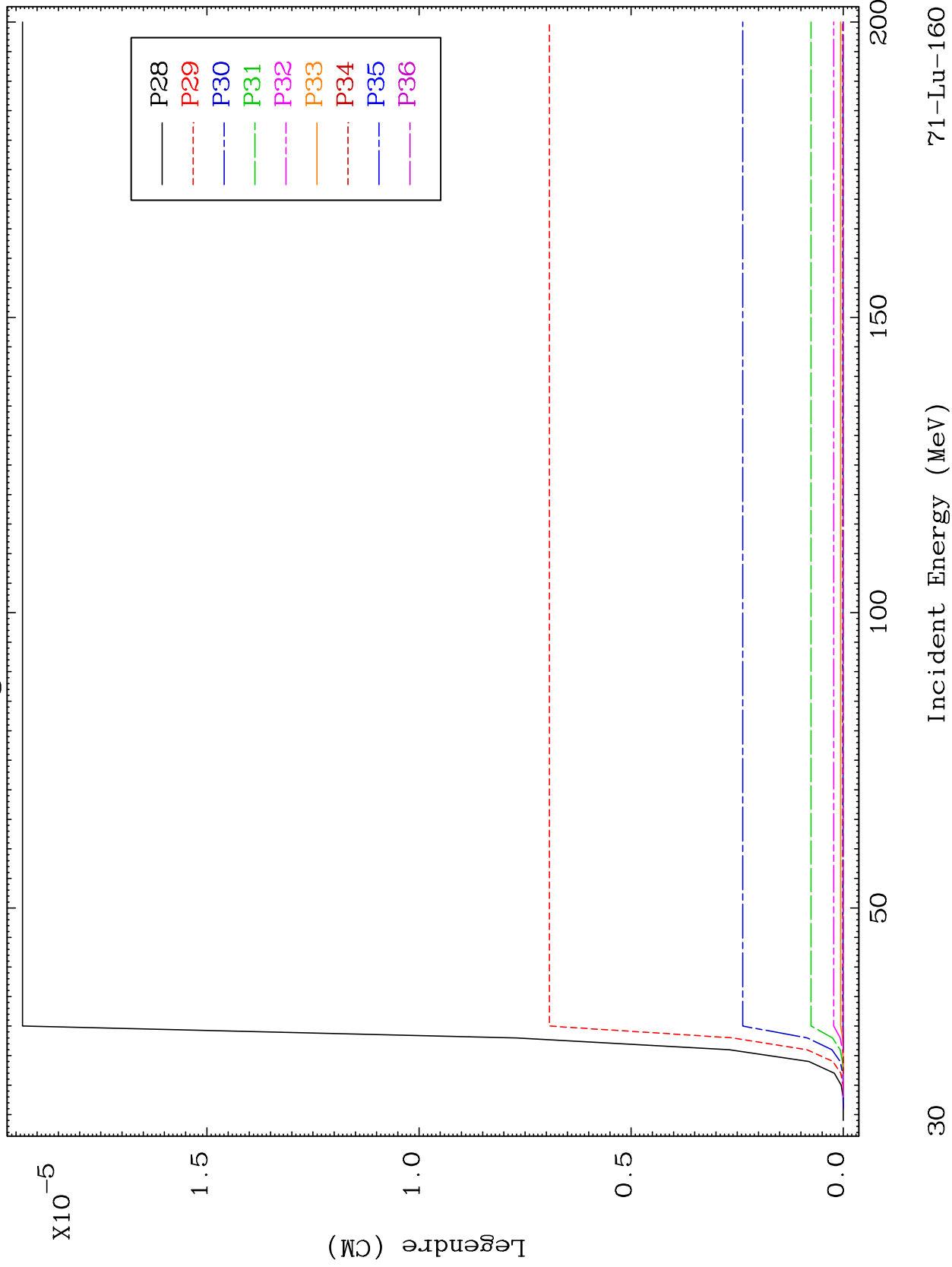
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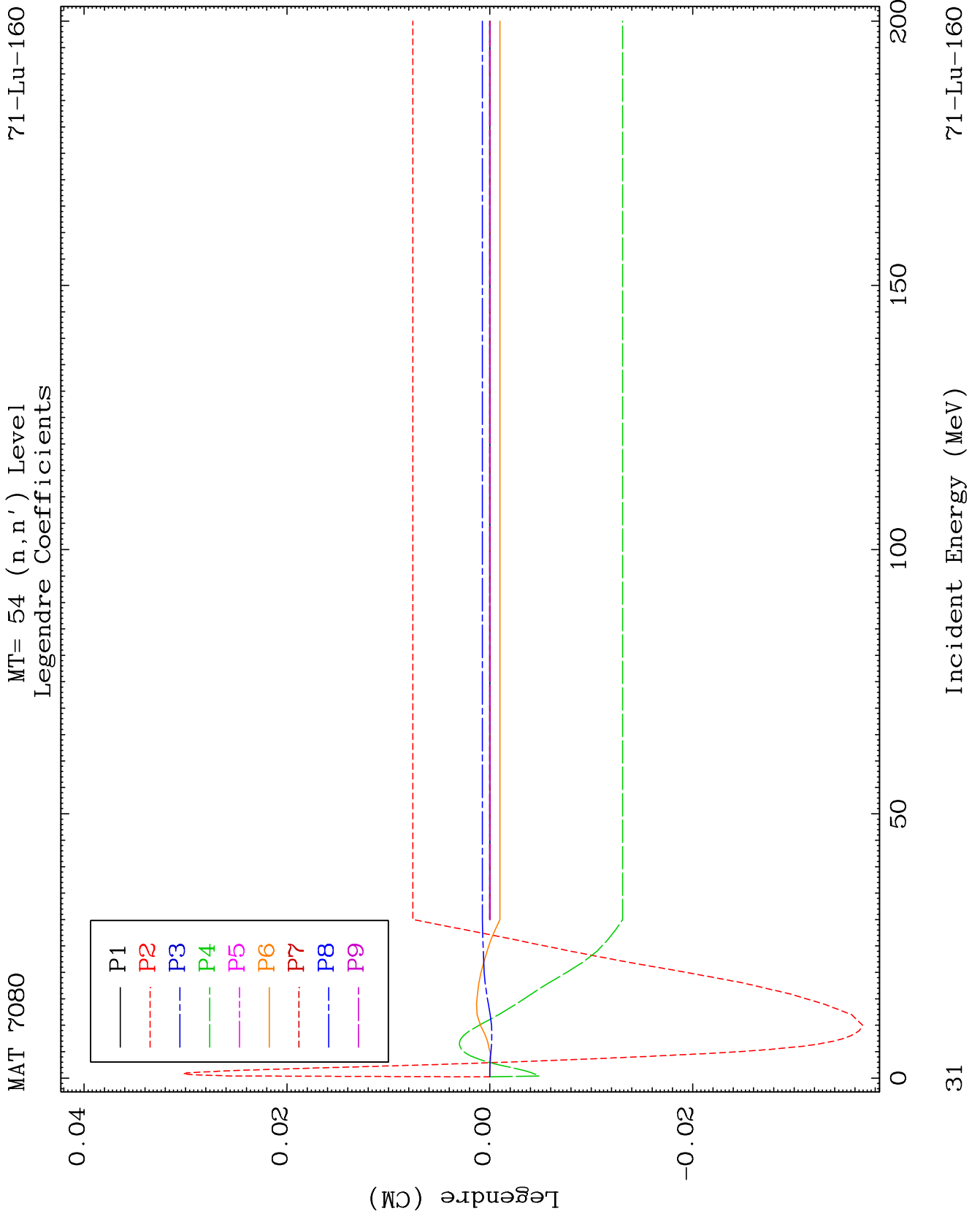


MAT 7080

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

71-Lu-160



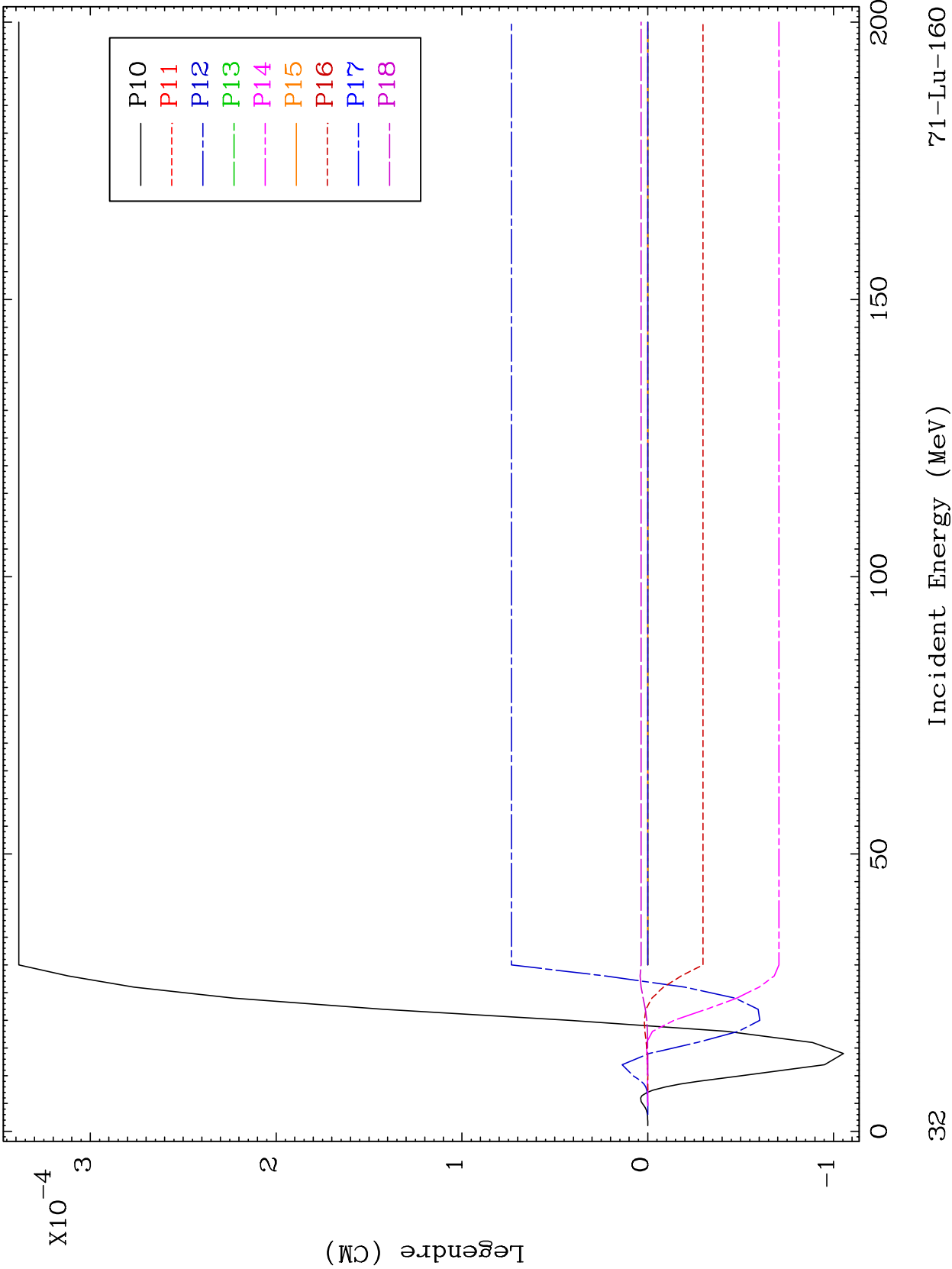




MAT 7080

MT= 54 (n,n') Level  
Legendre Coefficients

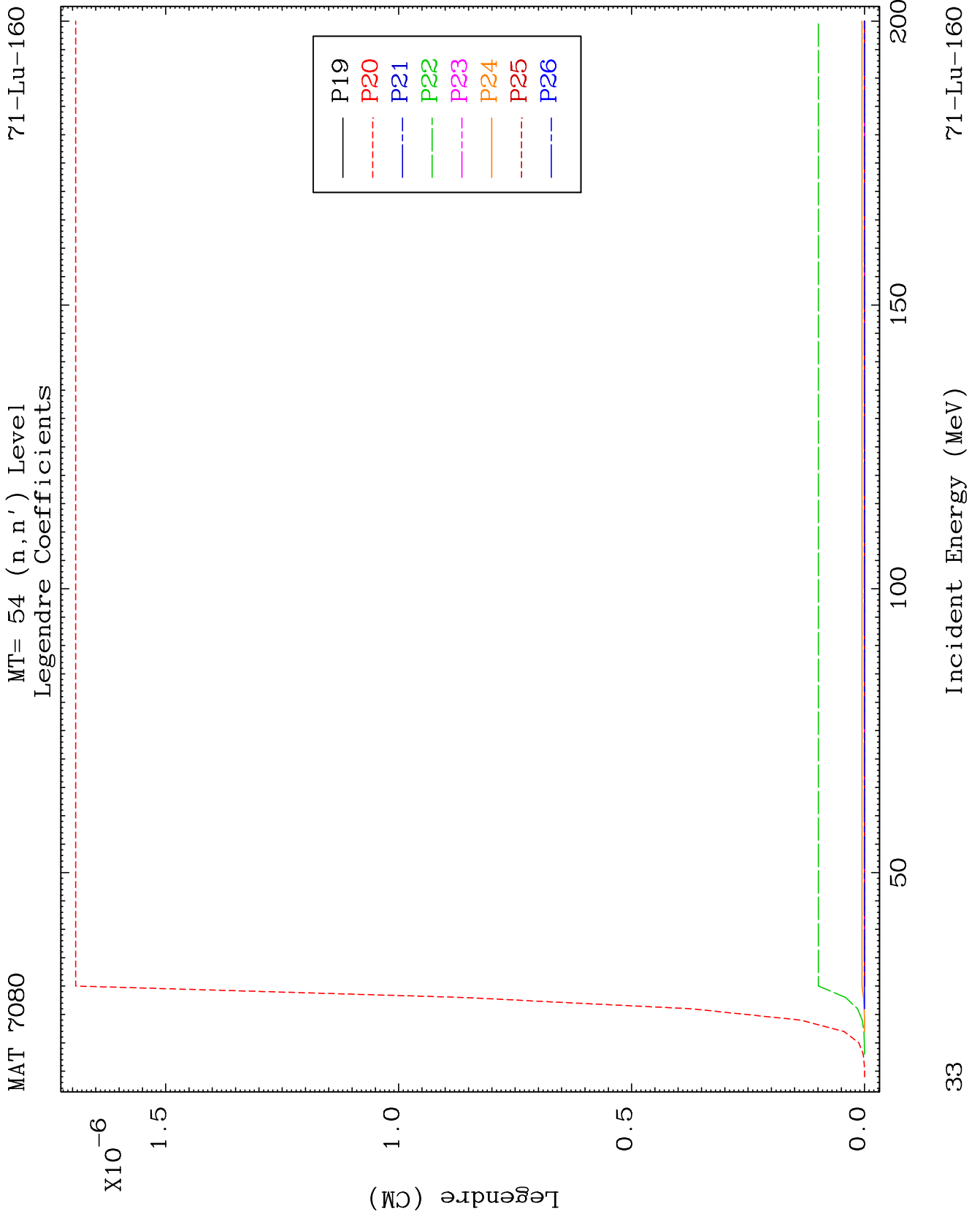
71-Lu-160



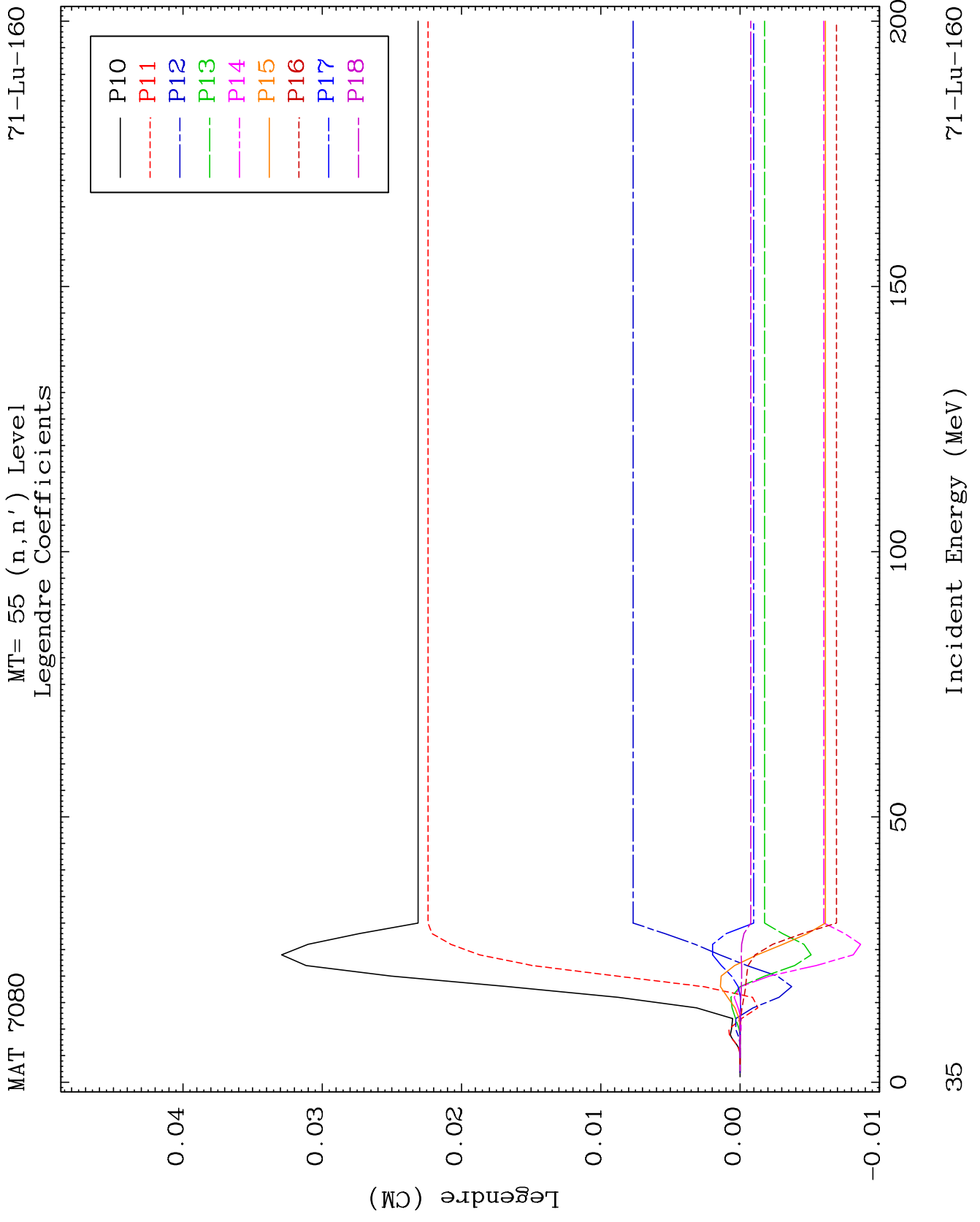
71-Lu-160

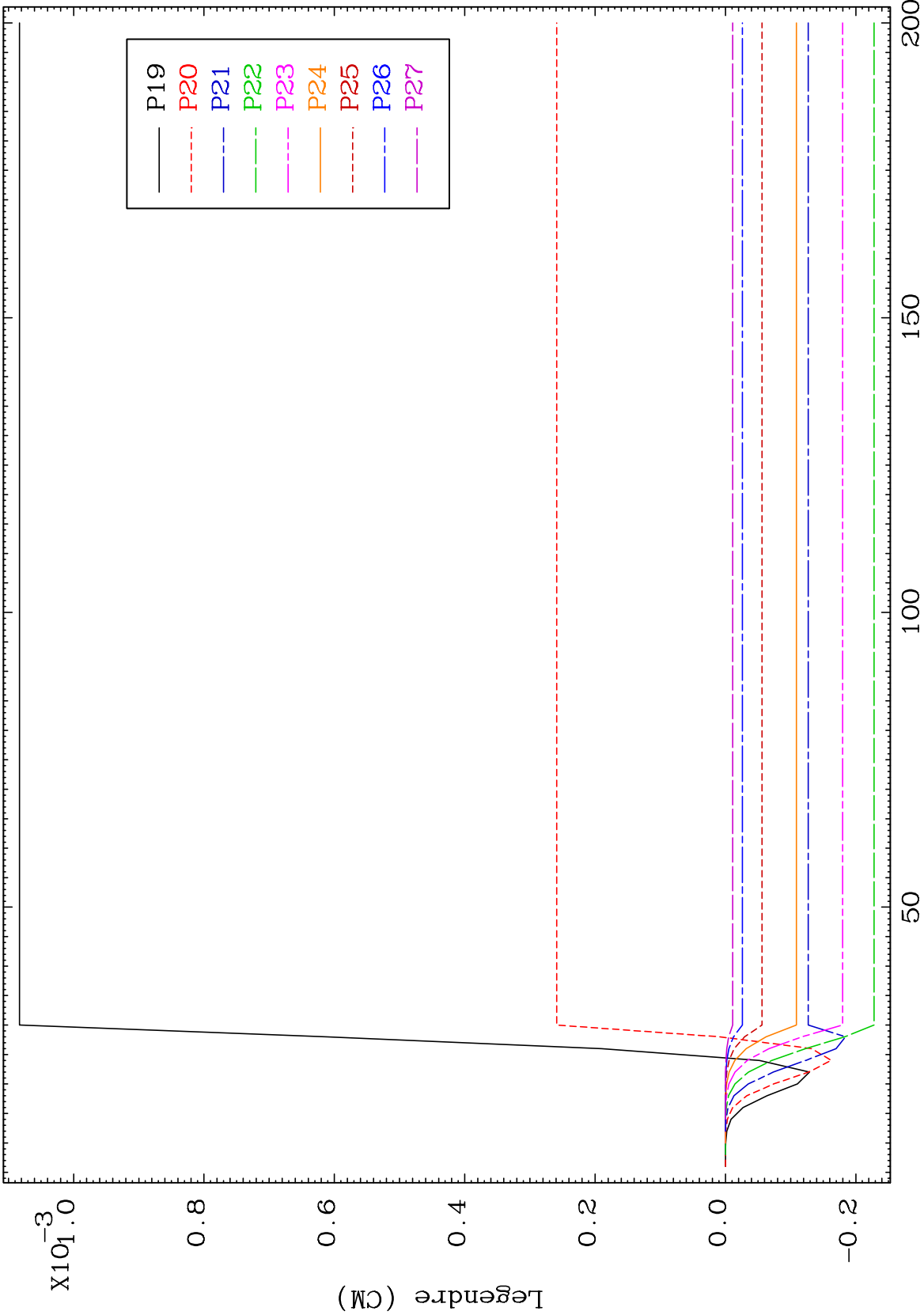
Incident Energy (MeV)

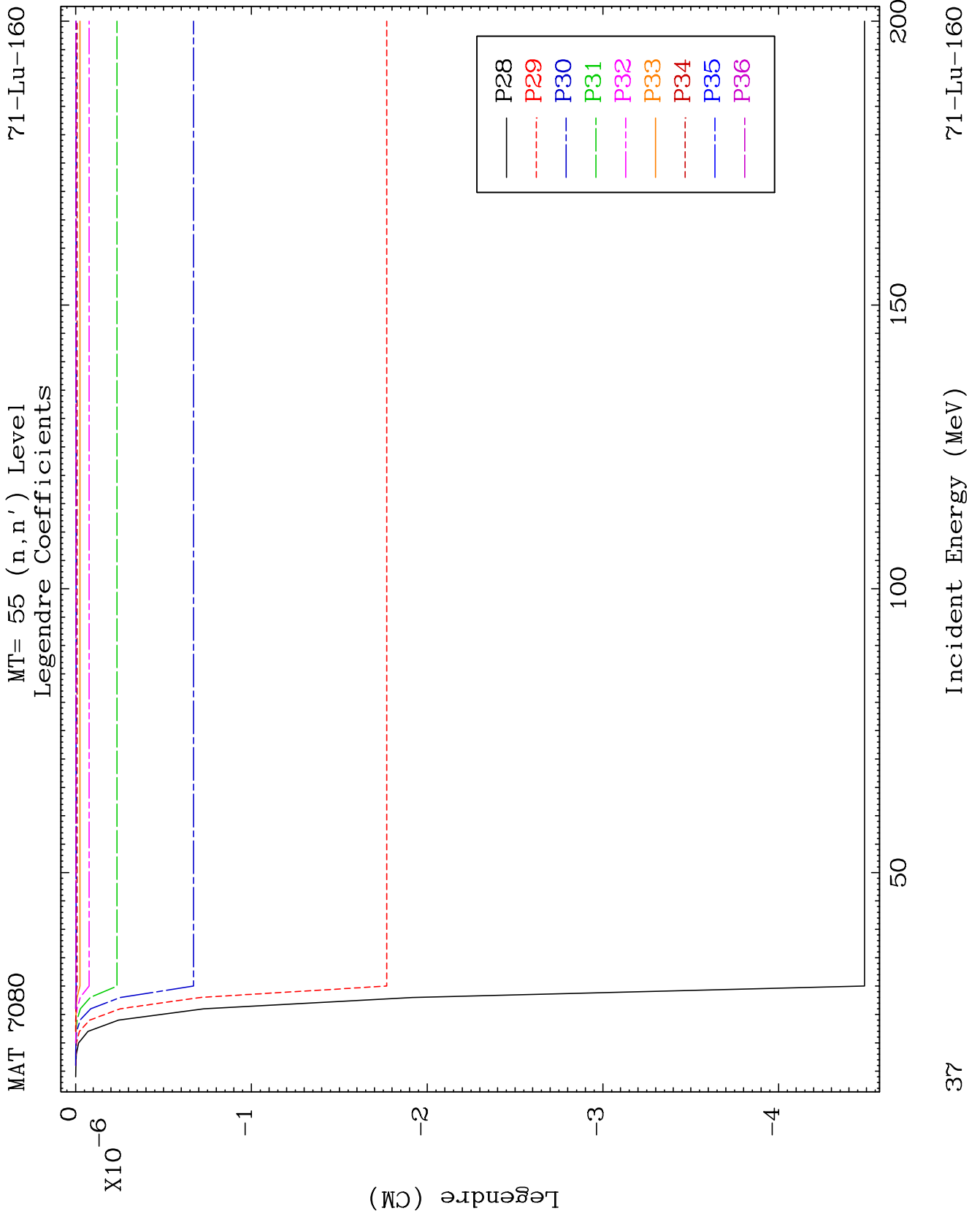
32

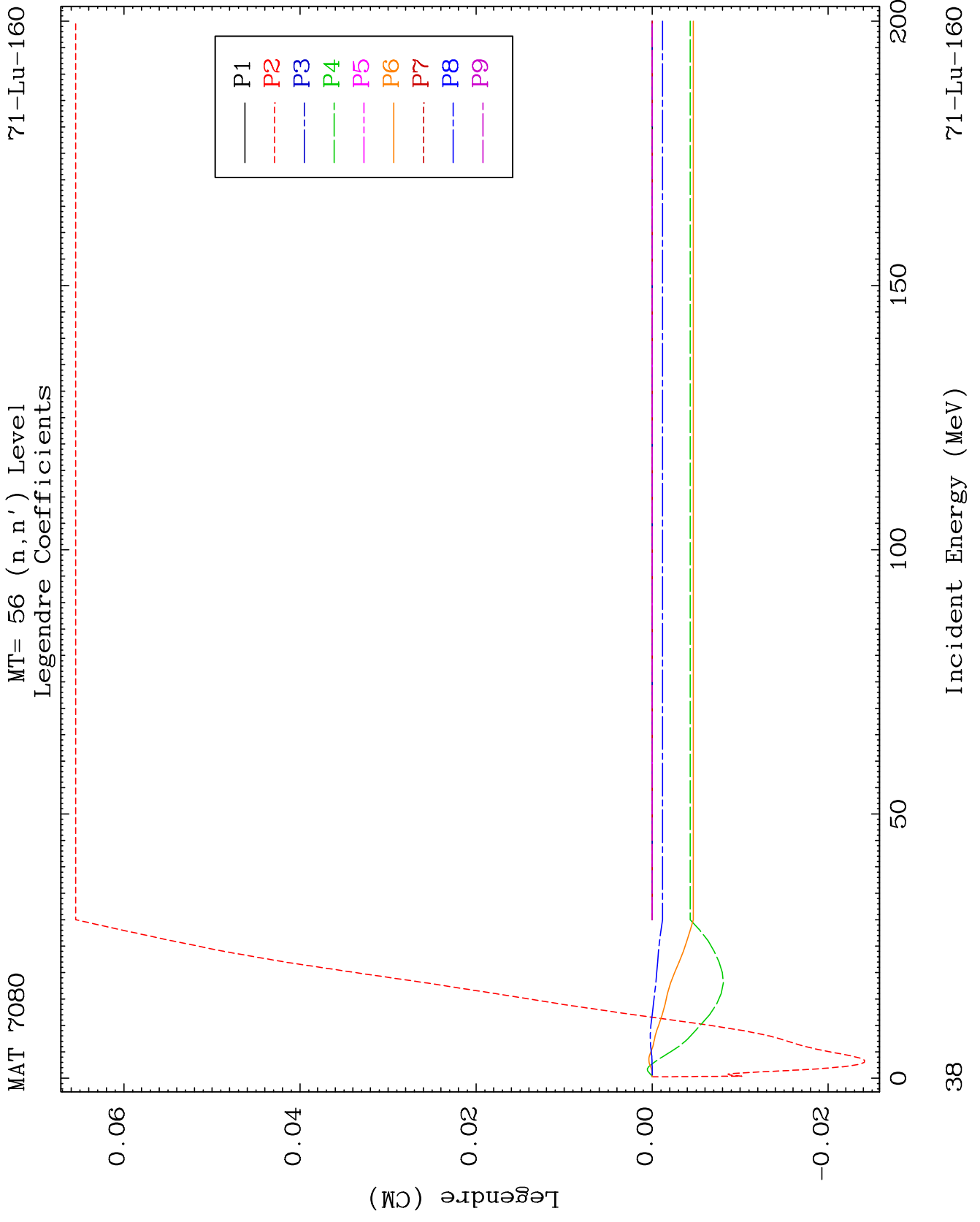








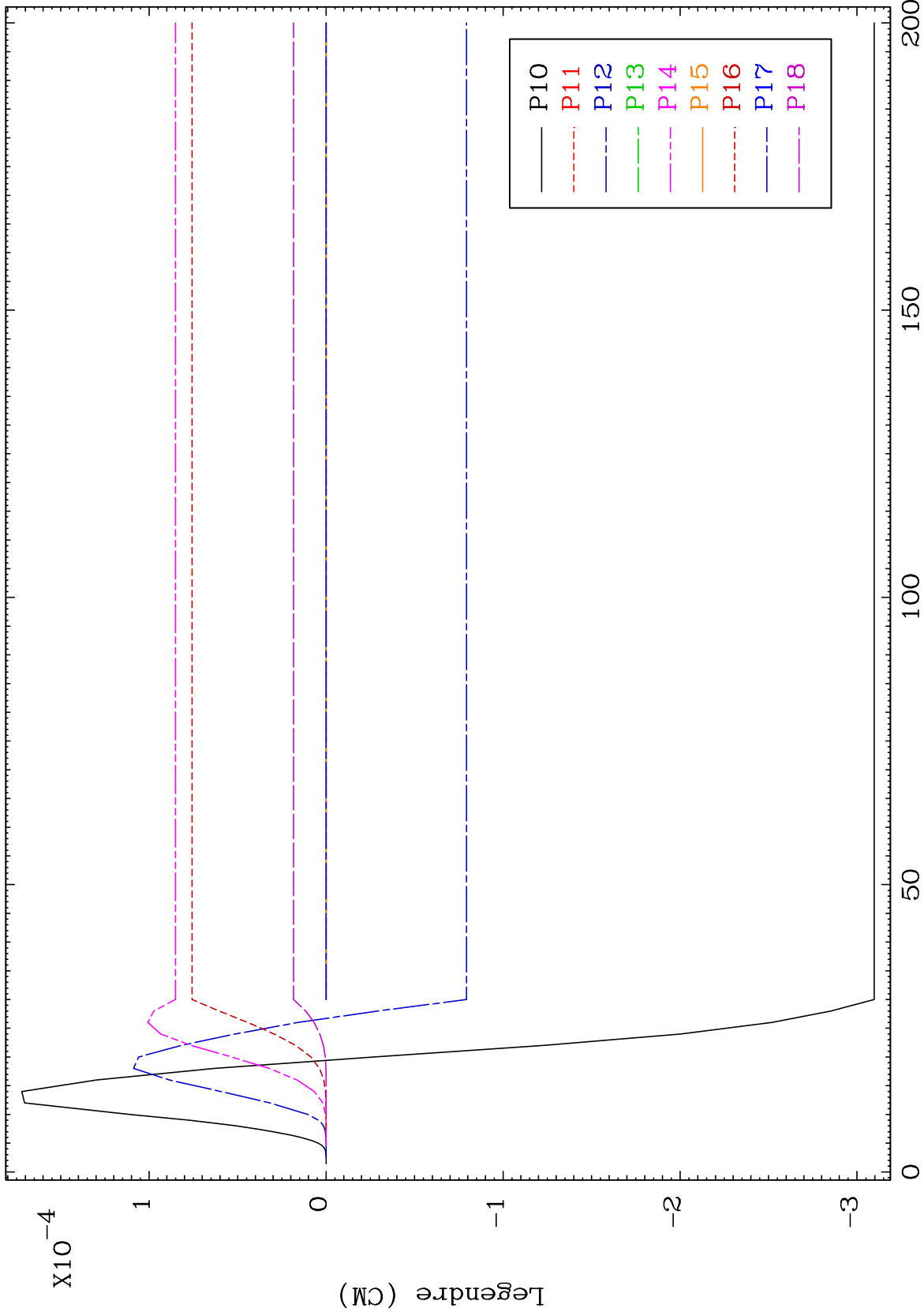




MAT 7080

MT= 56 (n,n') Level  
Legendre Coefficients

71-Lu-160

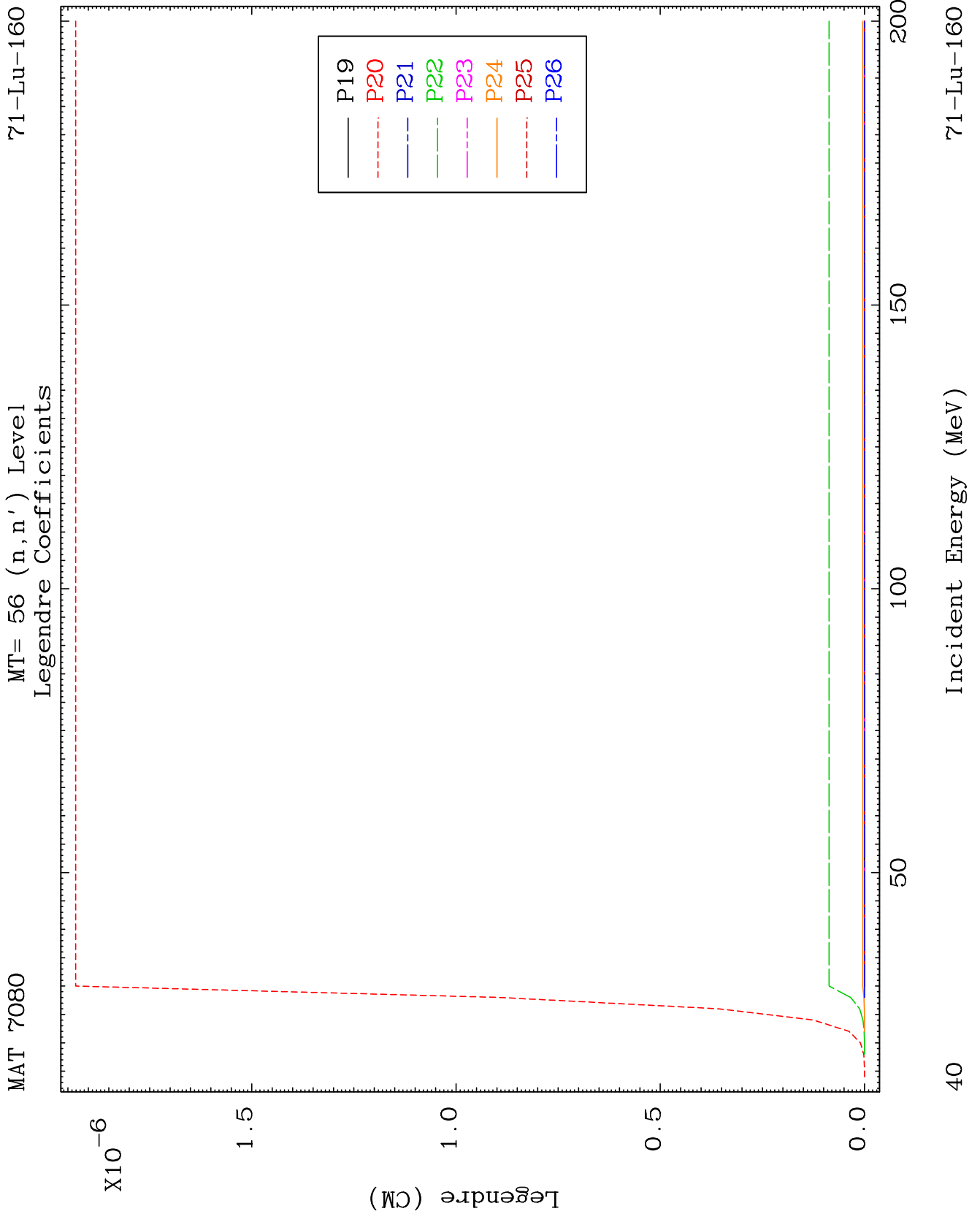


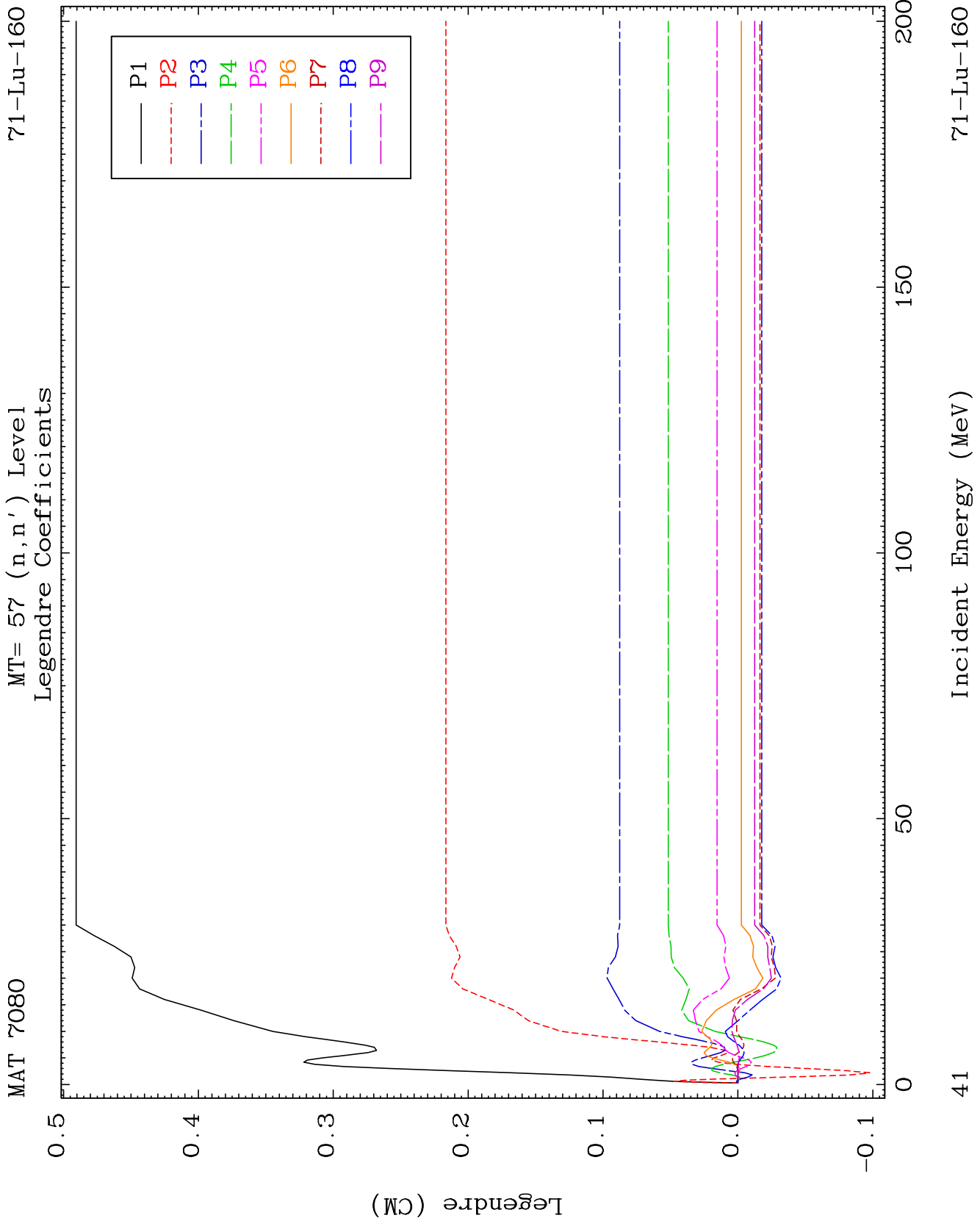
39

Incident Energy (MeV)

71-Lu-160



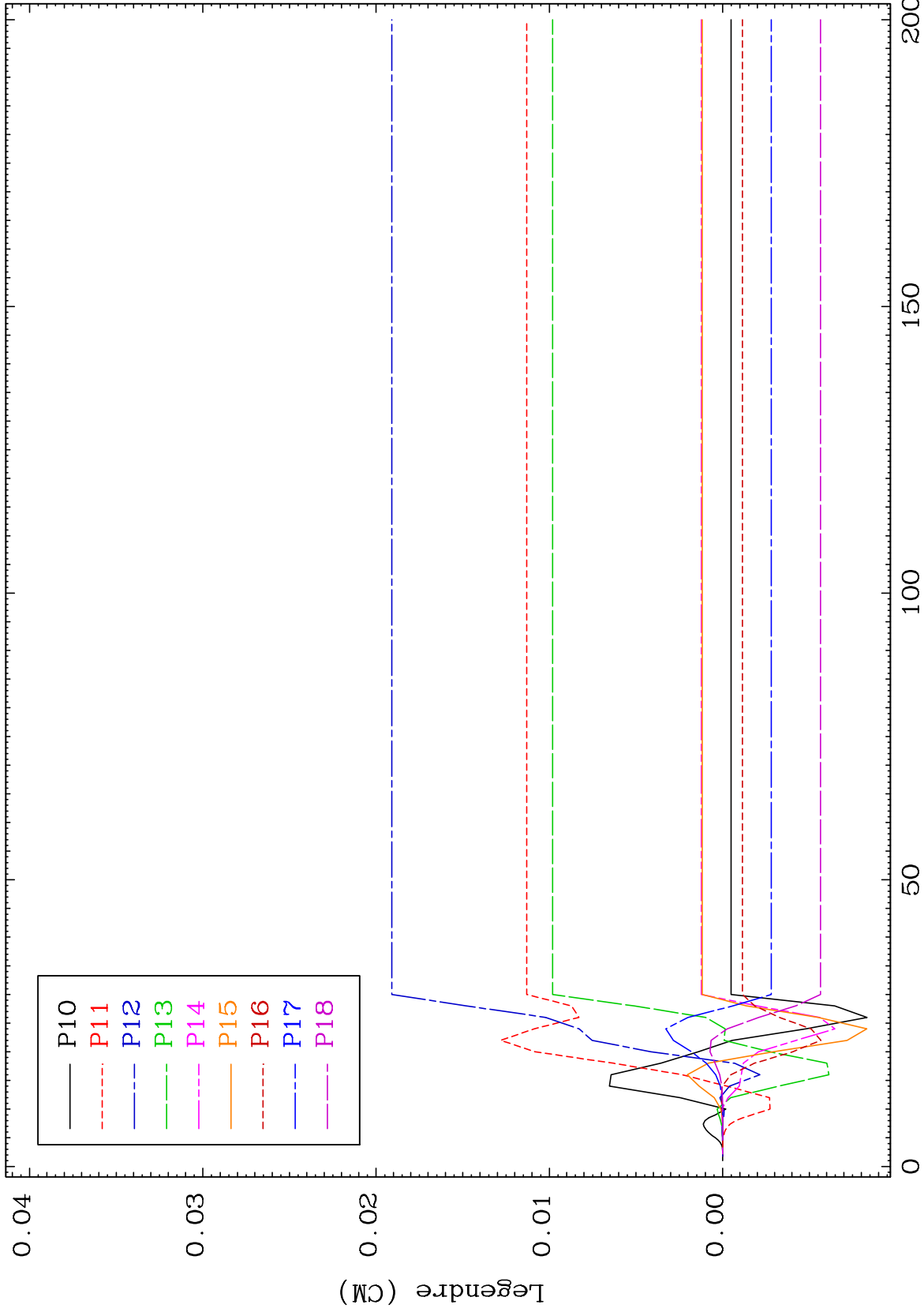




MAT 7080

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

<sup>71</sup>Lu-160



42

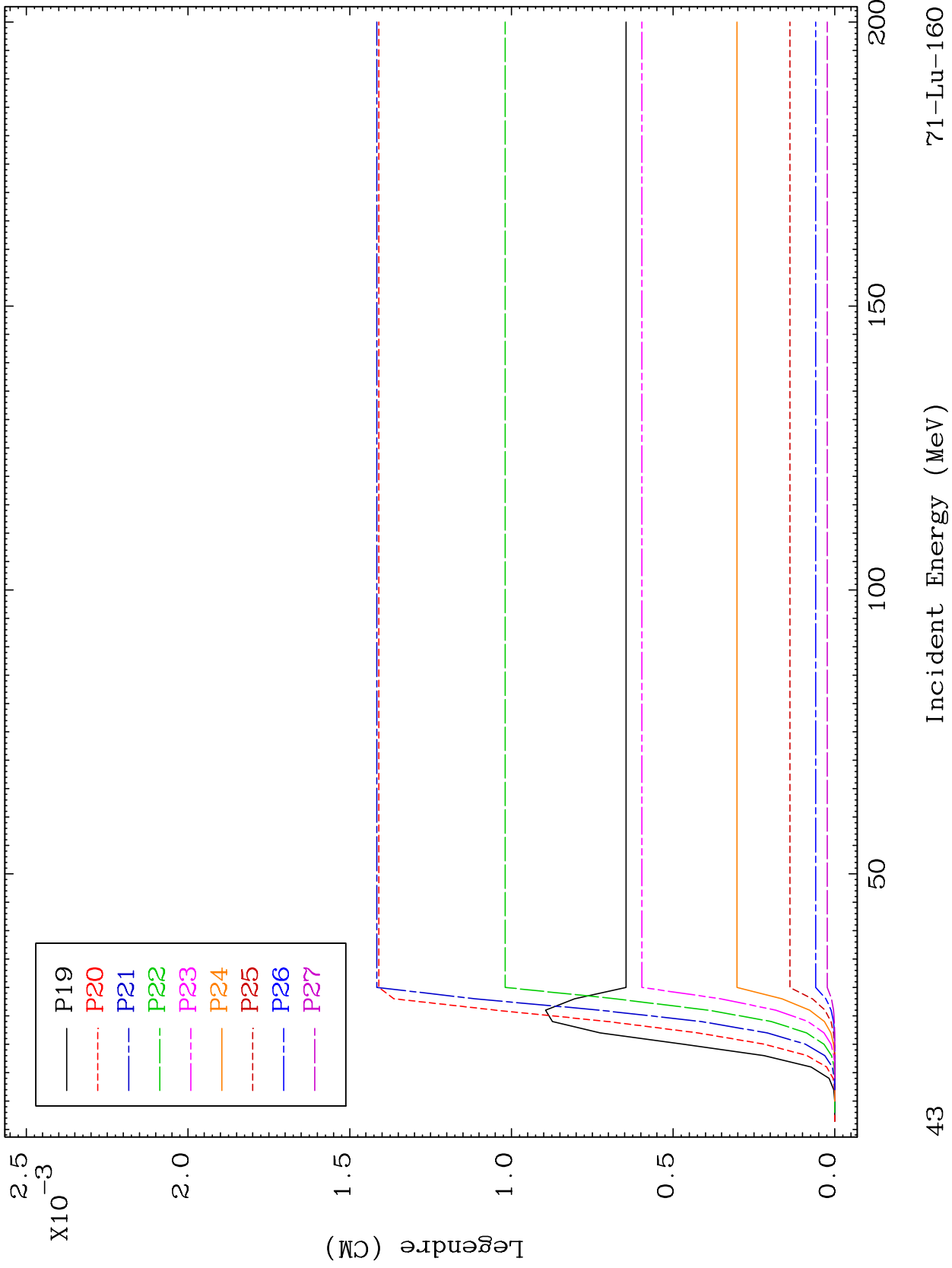
Incident Energy (MeV)

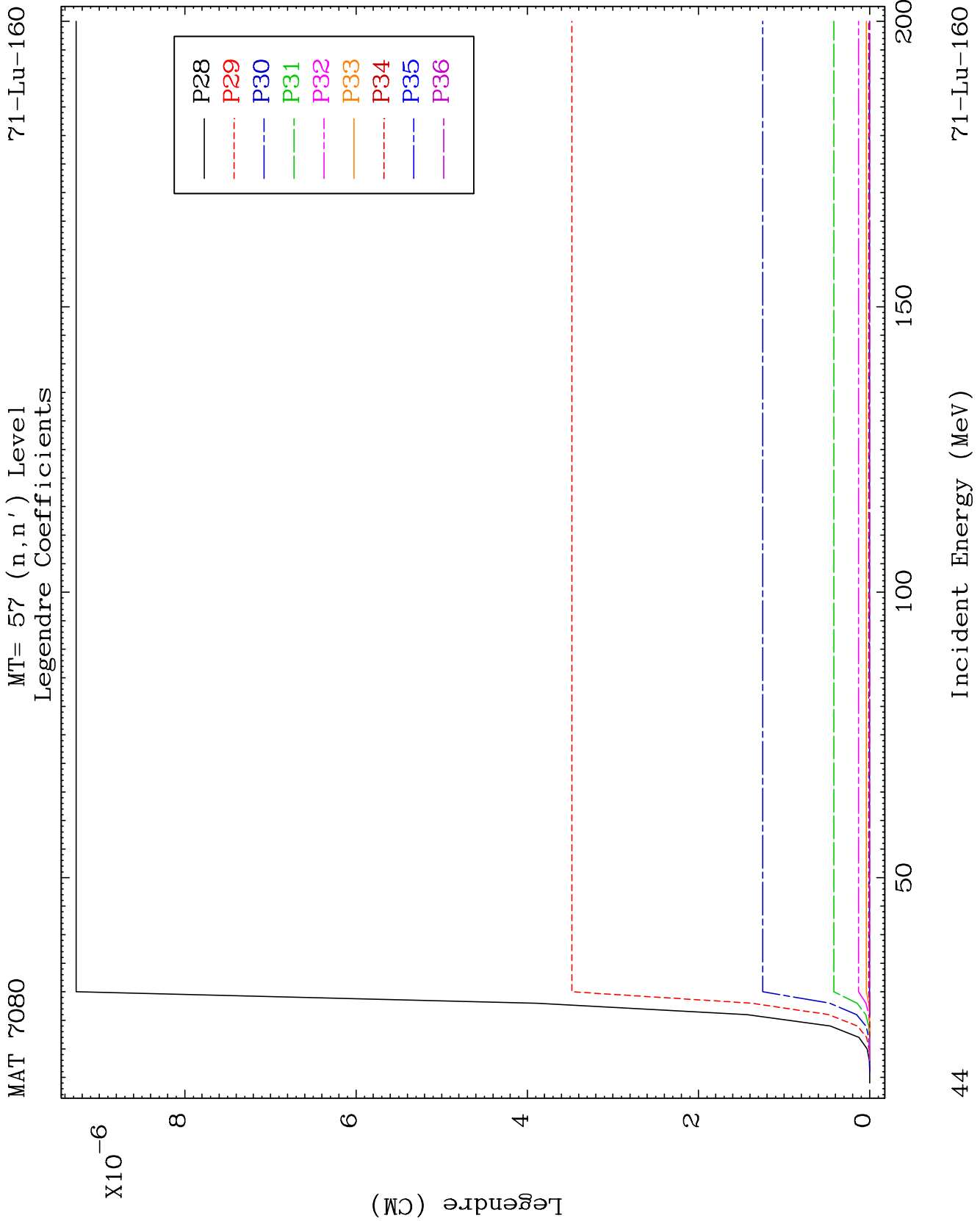
<sup>71</sup>Lu-160

MAT 7080

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

71-Lu-160



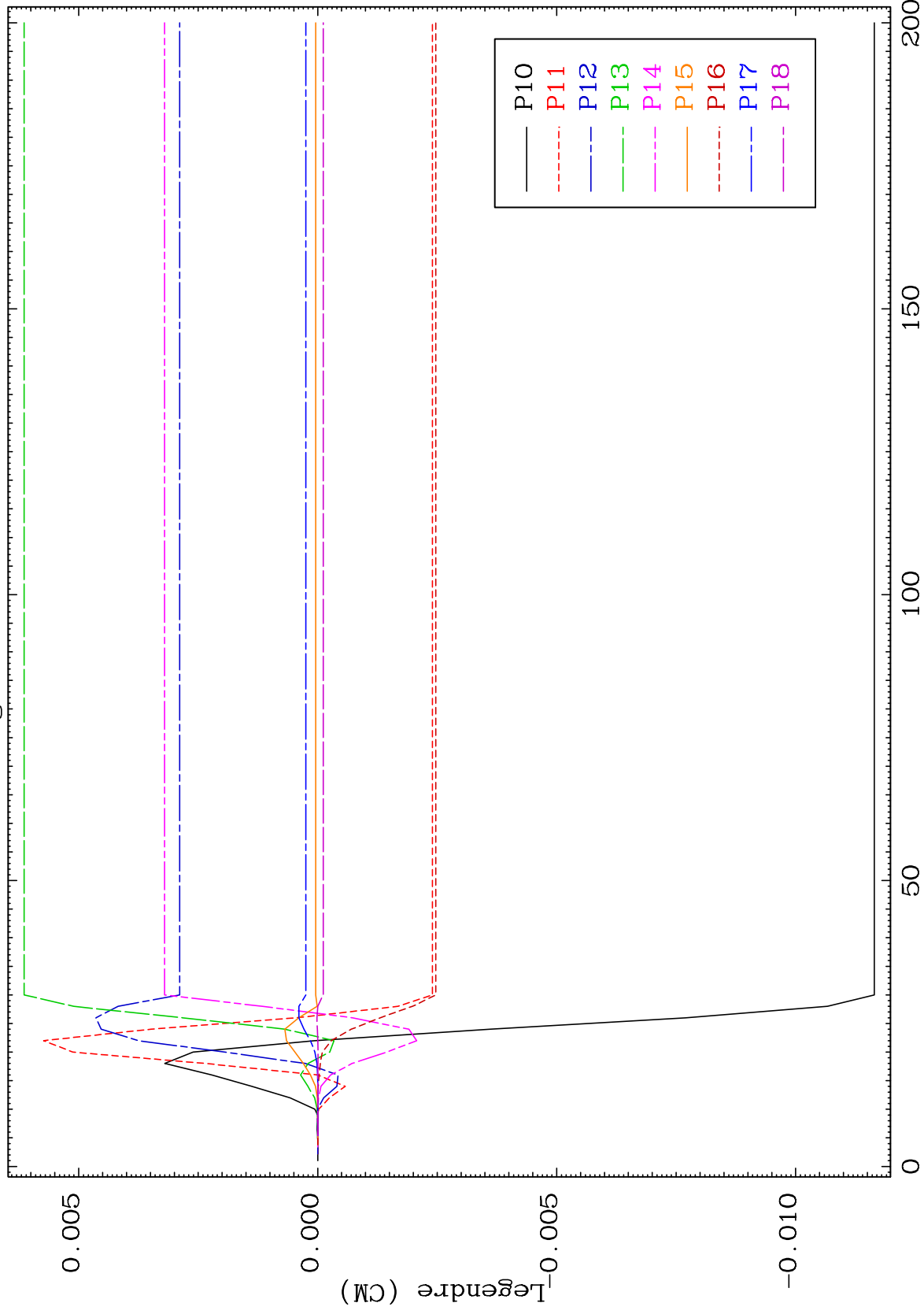




MAT 7080

MT= 58 (n,n') Level  
Legendre Coefficients

71-Lu-160



46

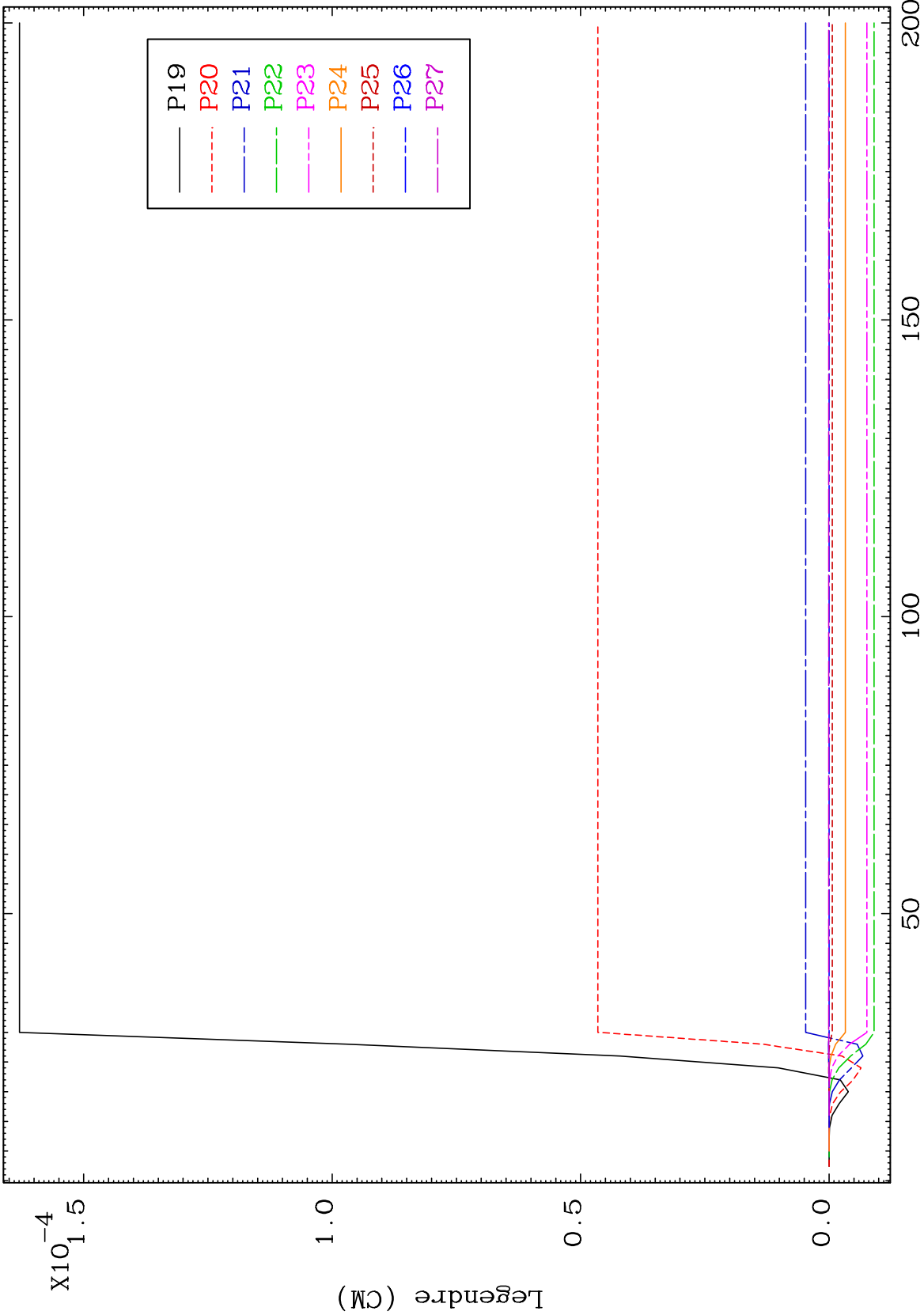
Incident Energy (MeV)

71-Lu-160

MAT 7080

MT= 58 (n,n') Level  
Legendre Coefficients

71-Lu-160

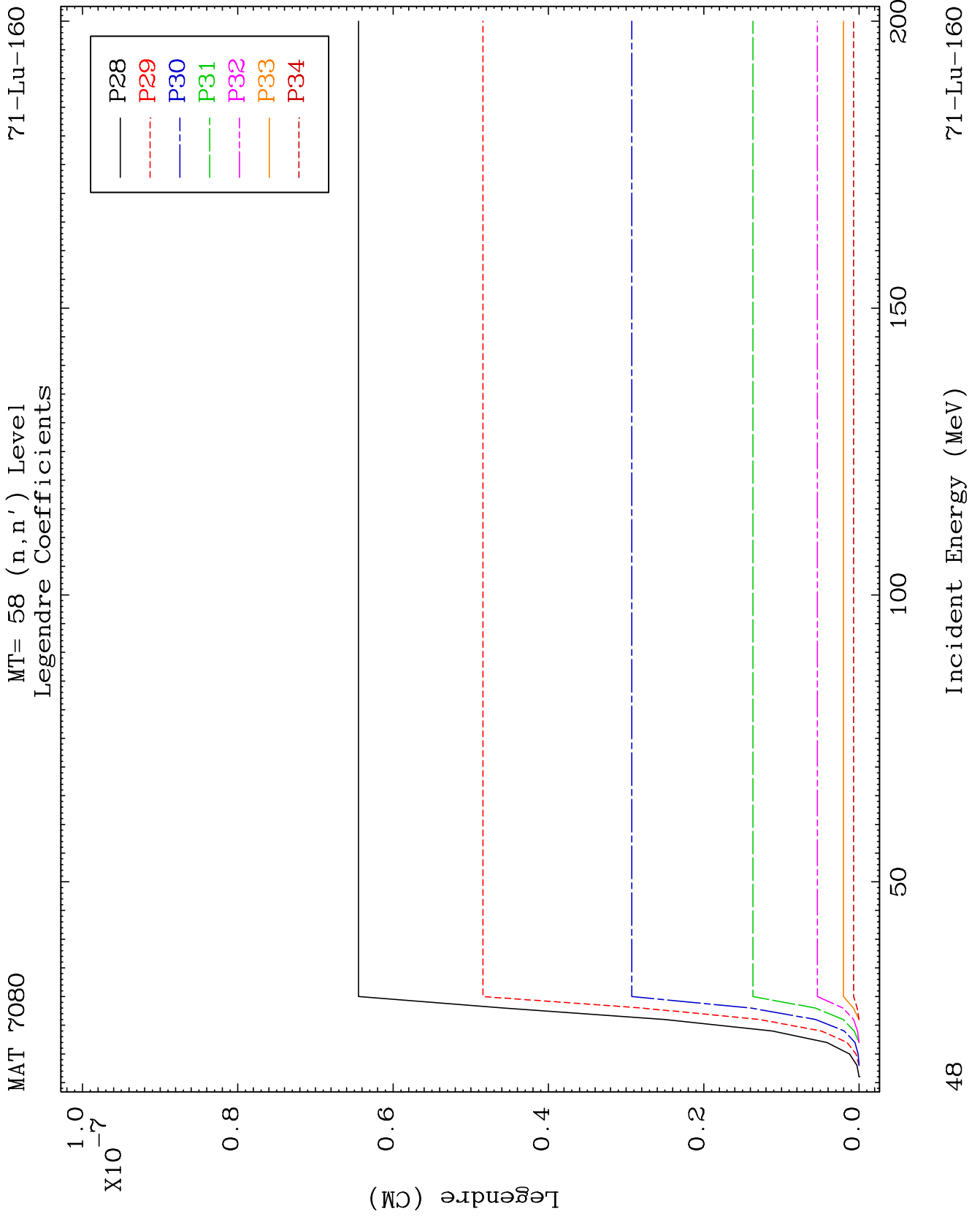


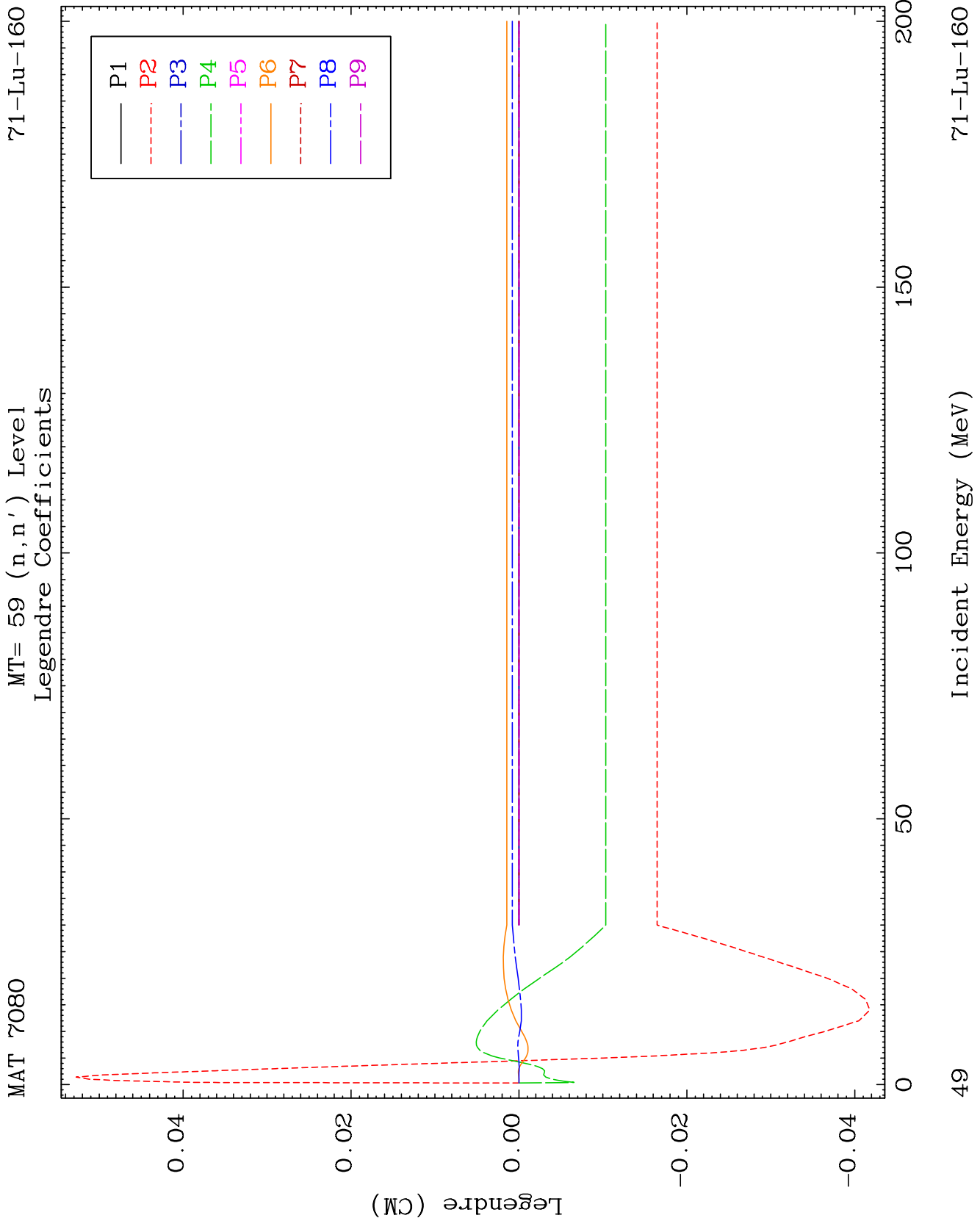
47

Incident Energy (MeV)

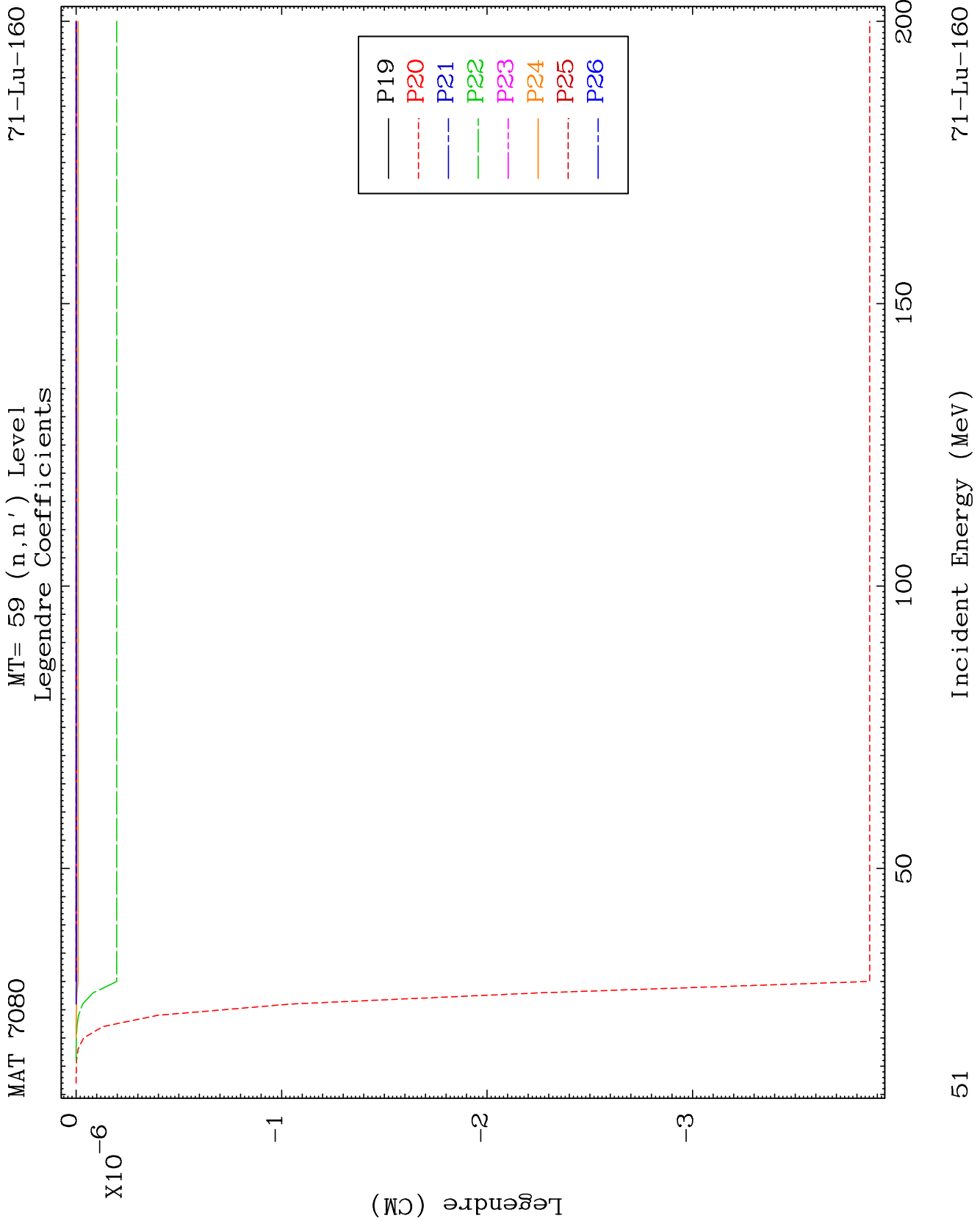
71-Lu-160

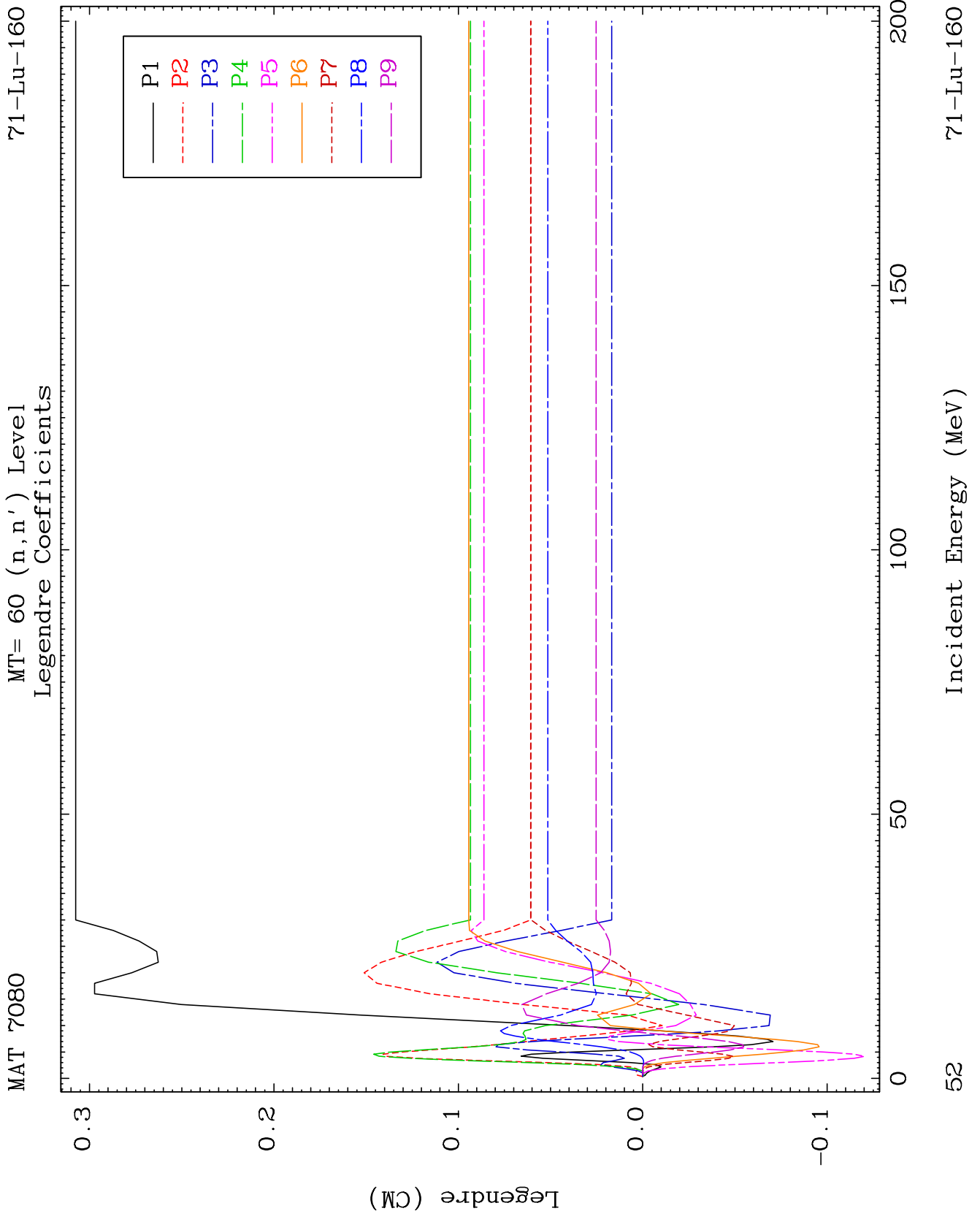


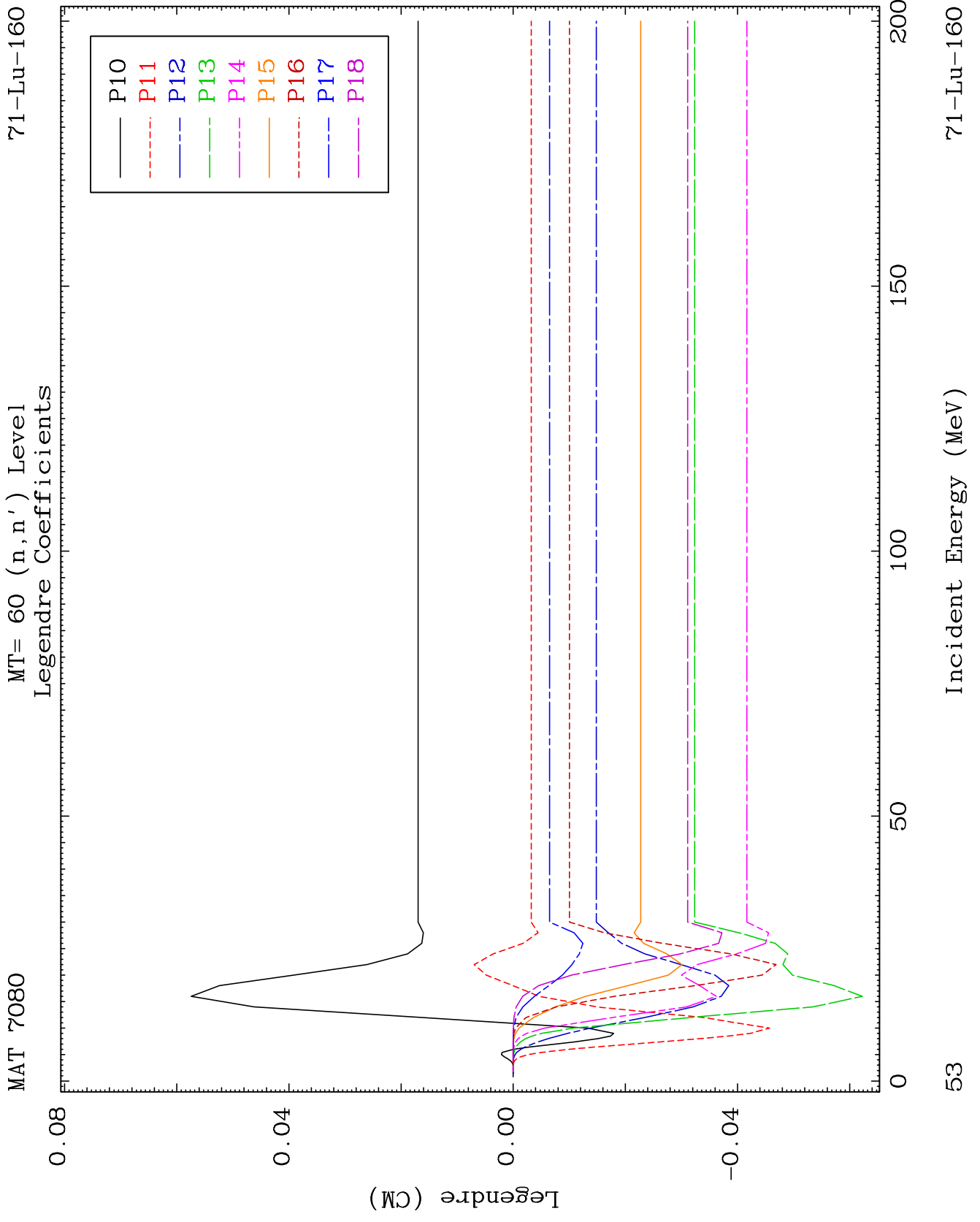


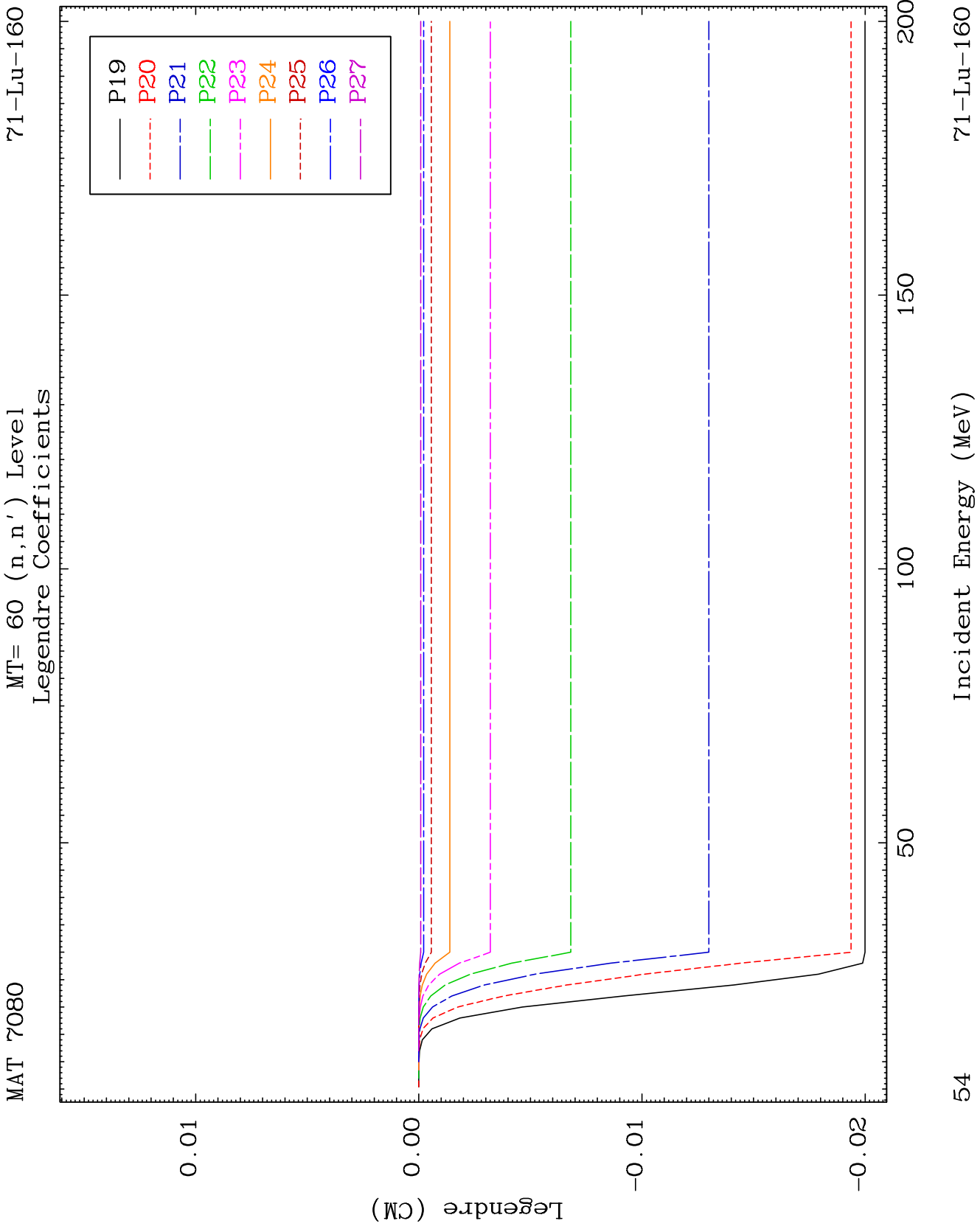


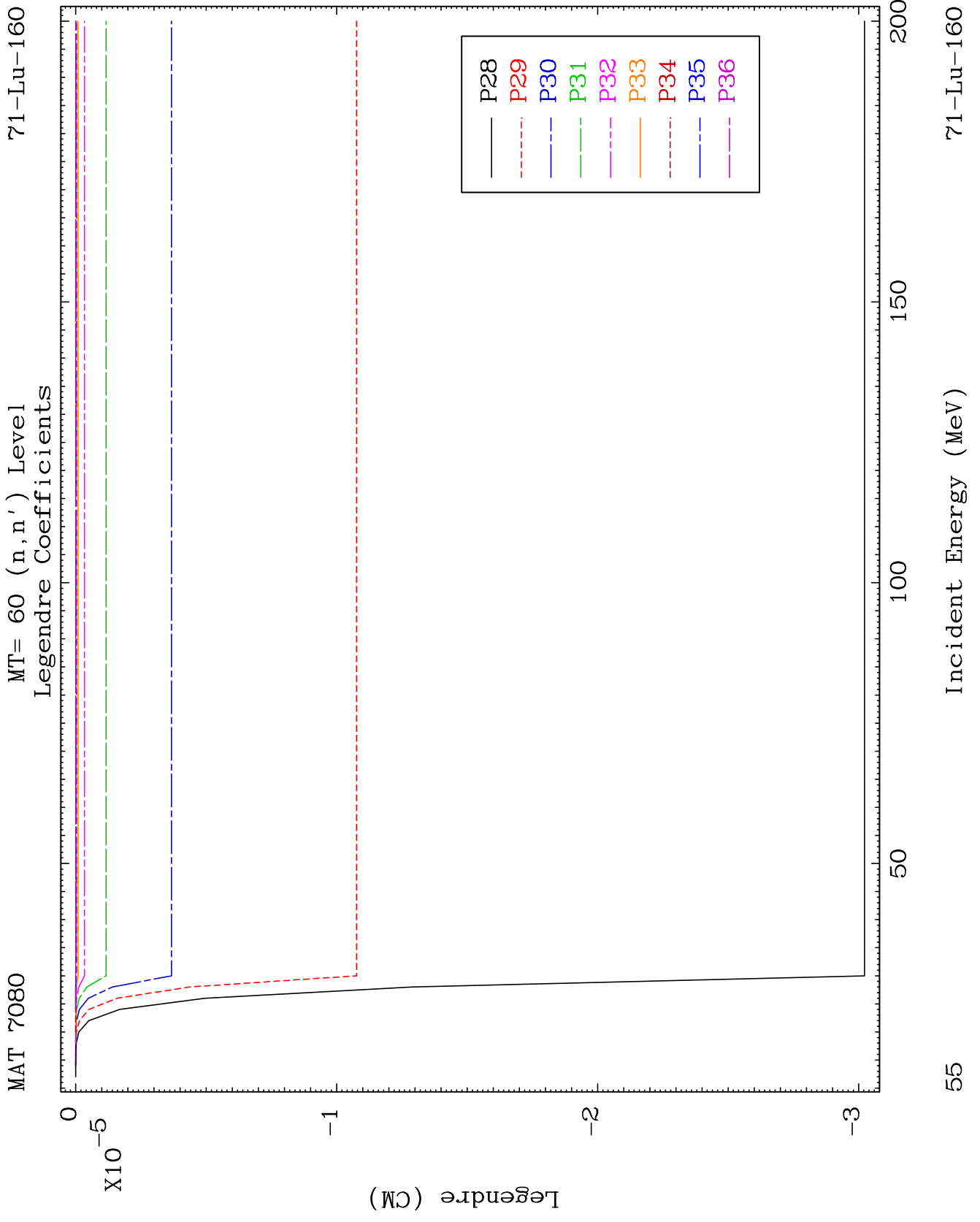




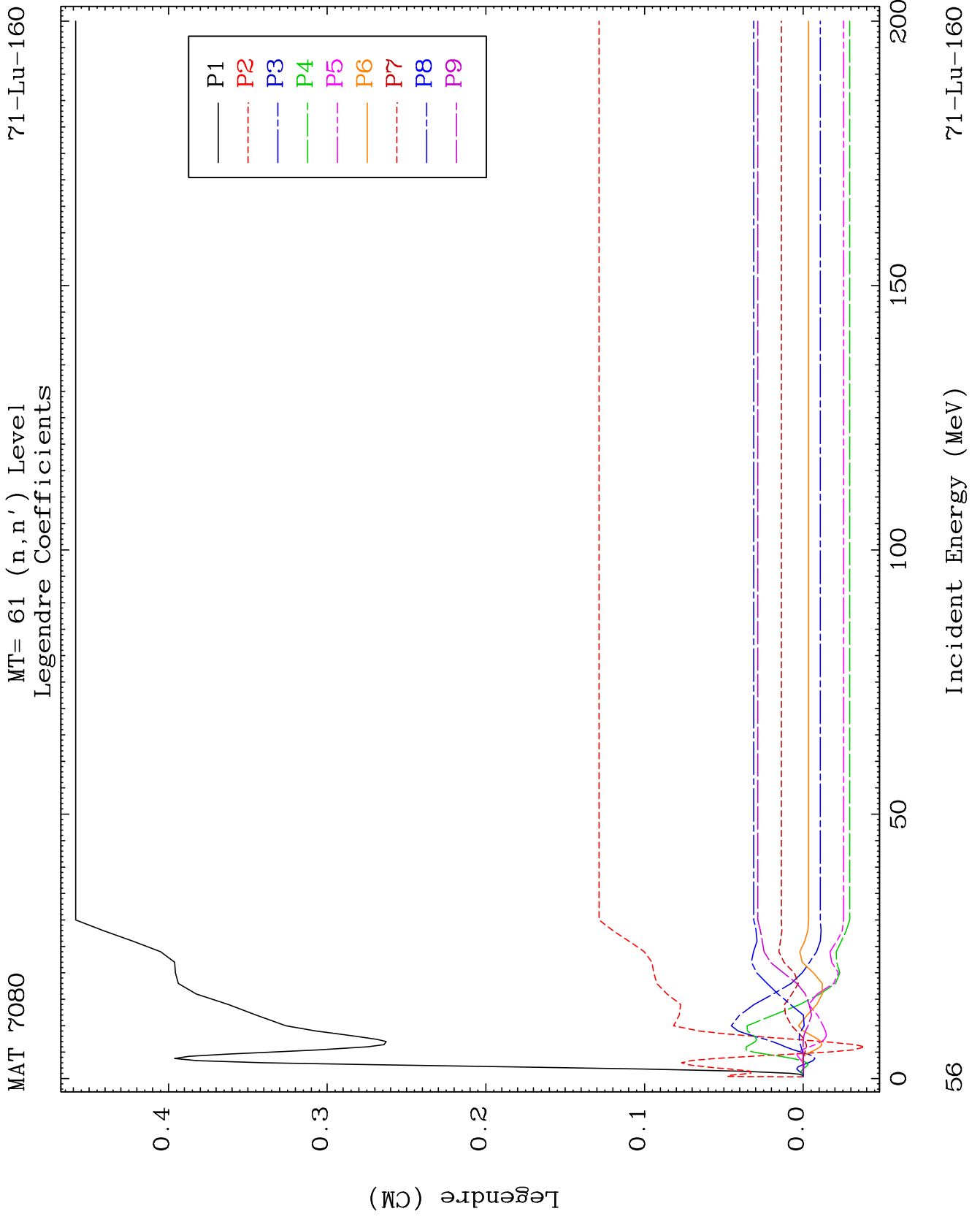


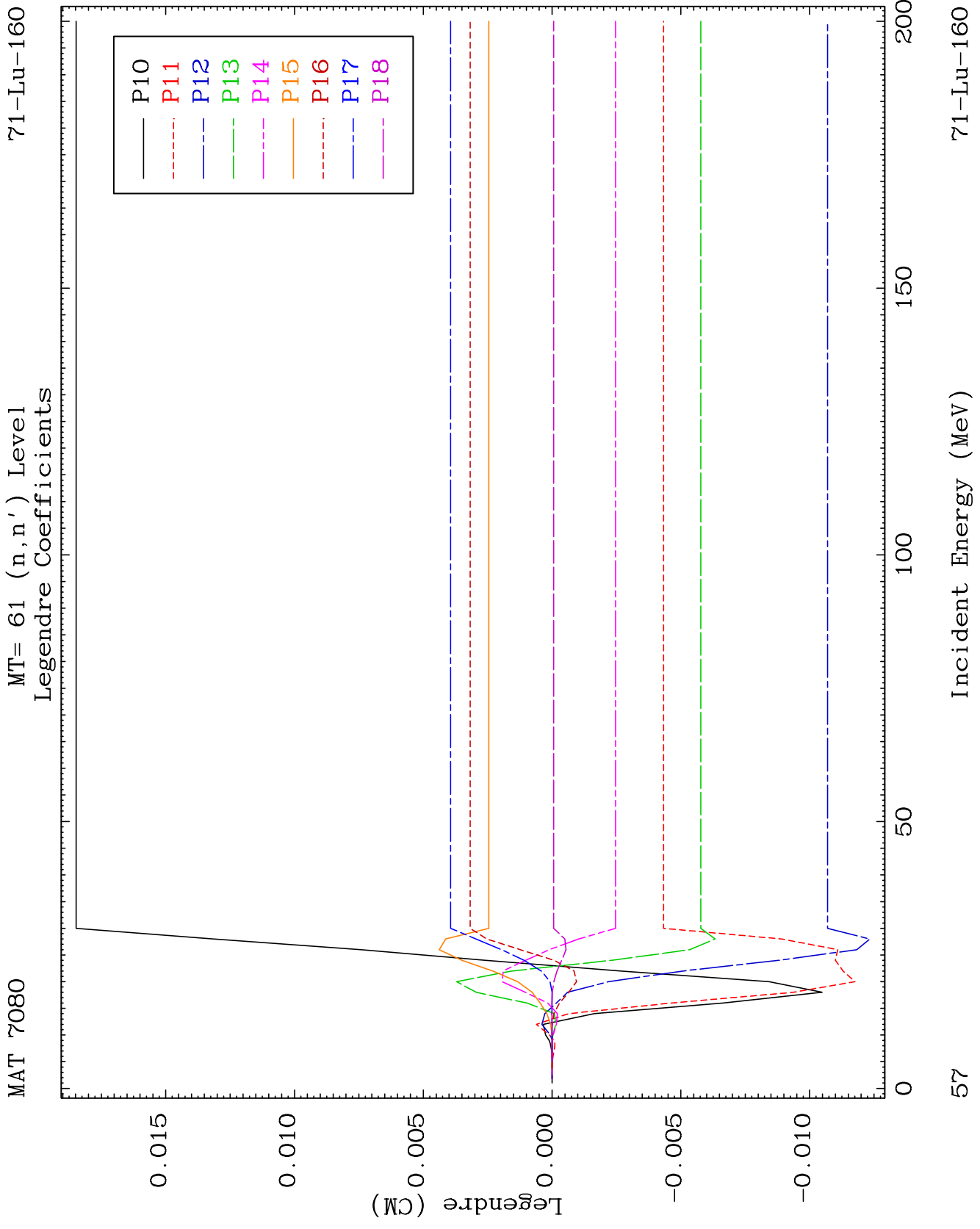


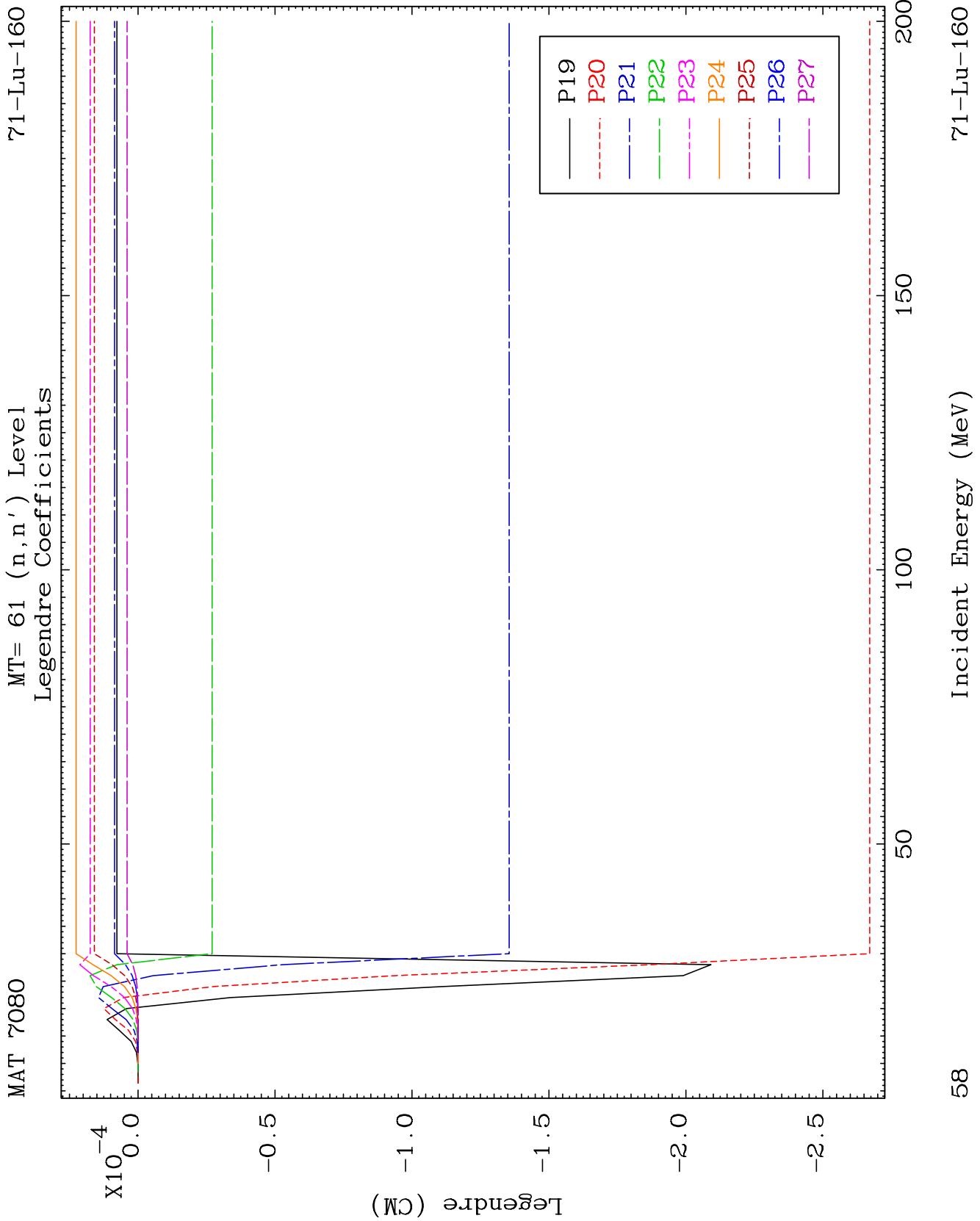




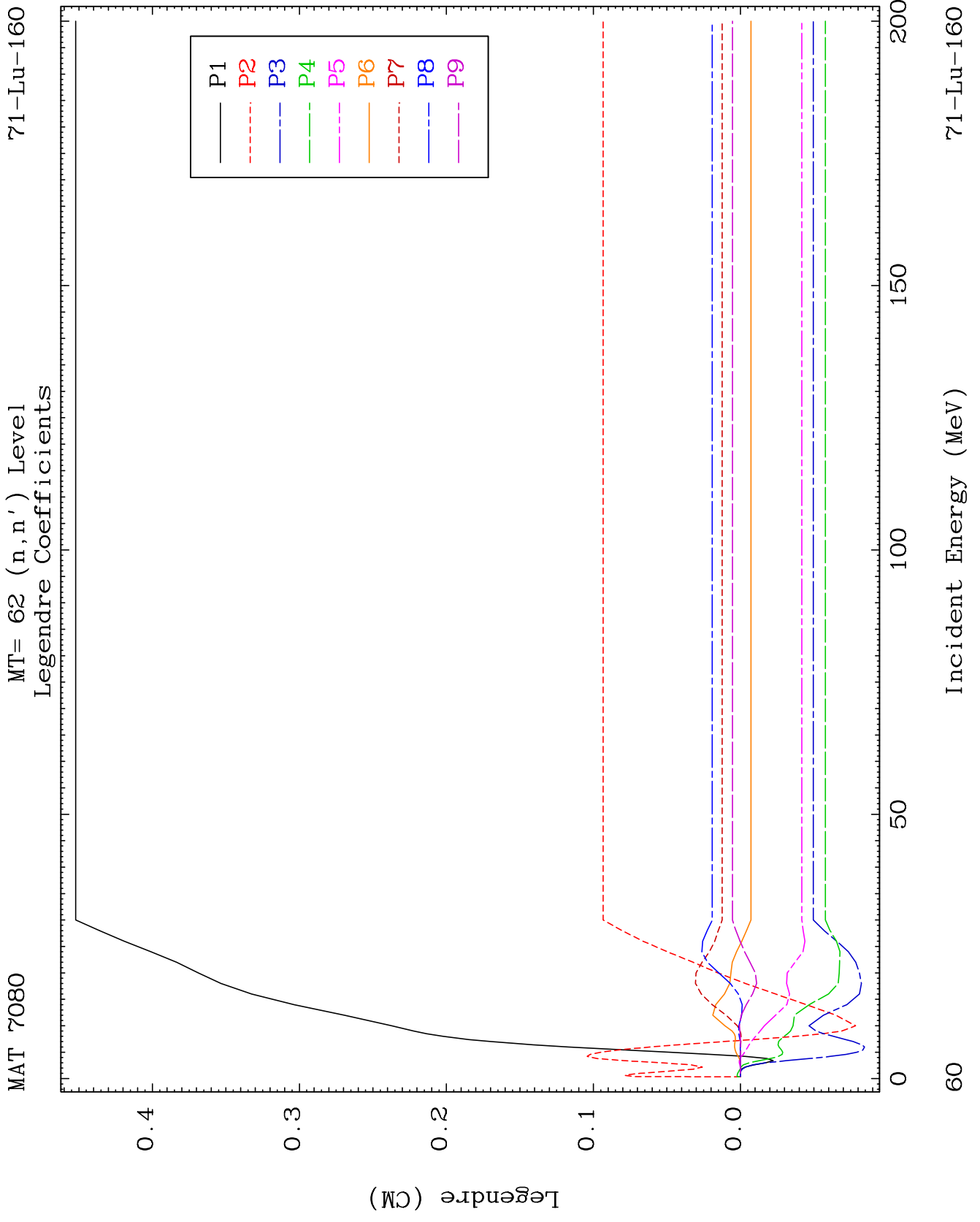








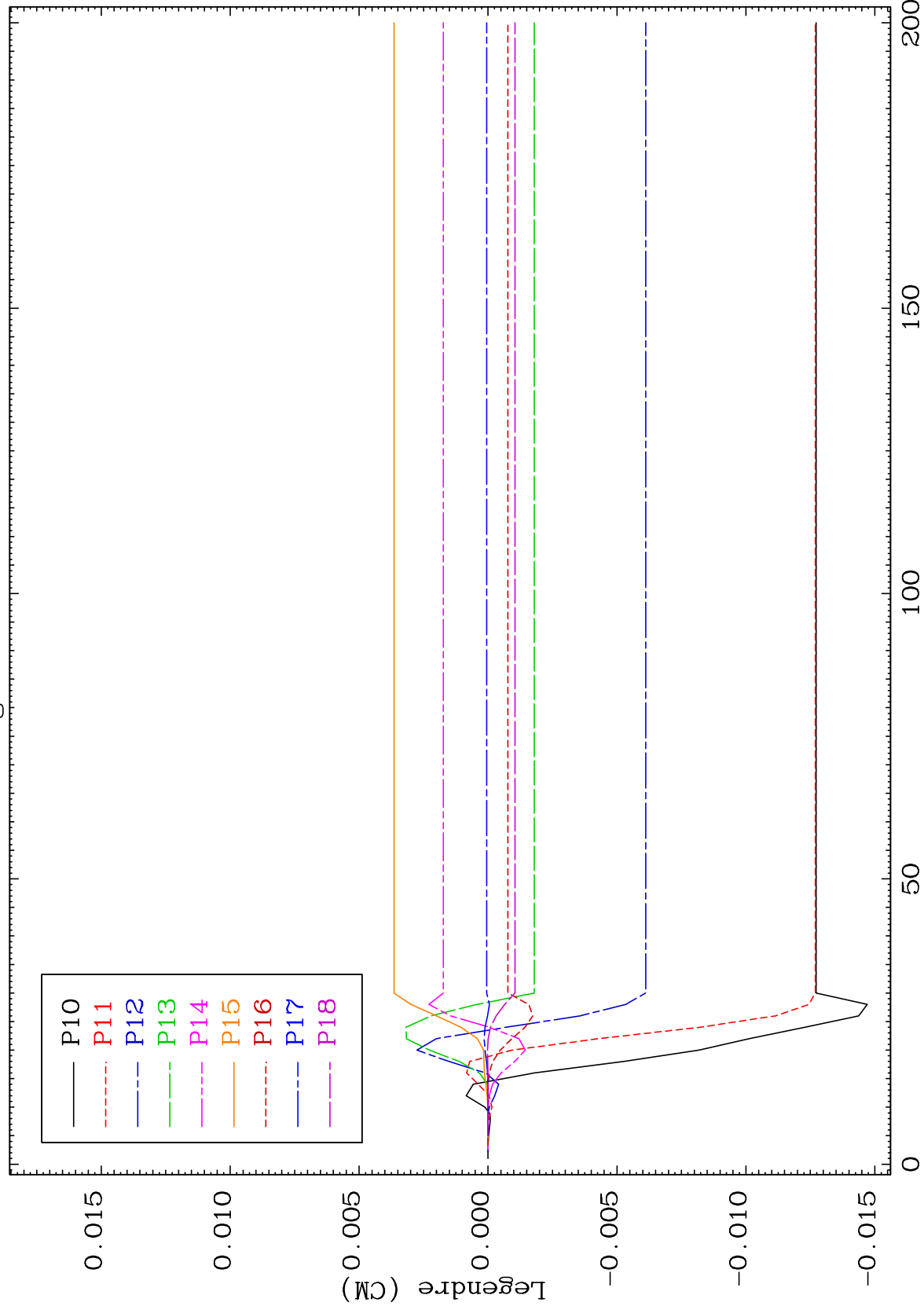




MAT 7080

MT= 62 (n,n') Level Legendre Coefficients

71-Lu-160



61

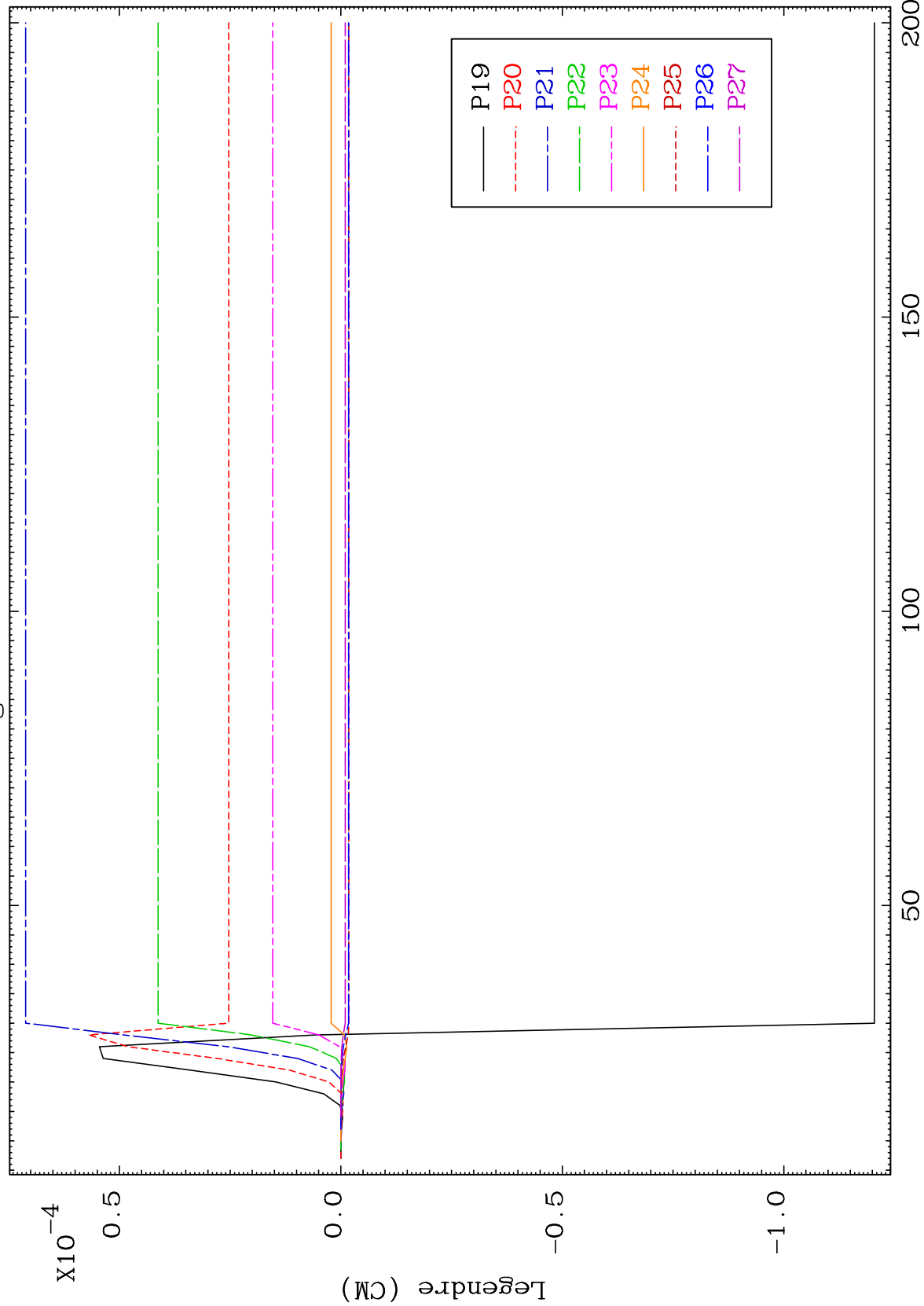
Incident Energy (MeV)

71-Lu-160

MAT 7080

MT= 62 (n,n') Level  
Legendre Coefficients

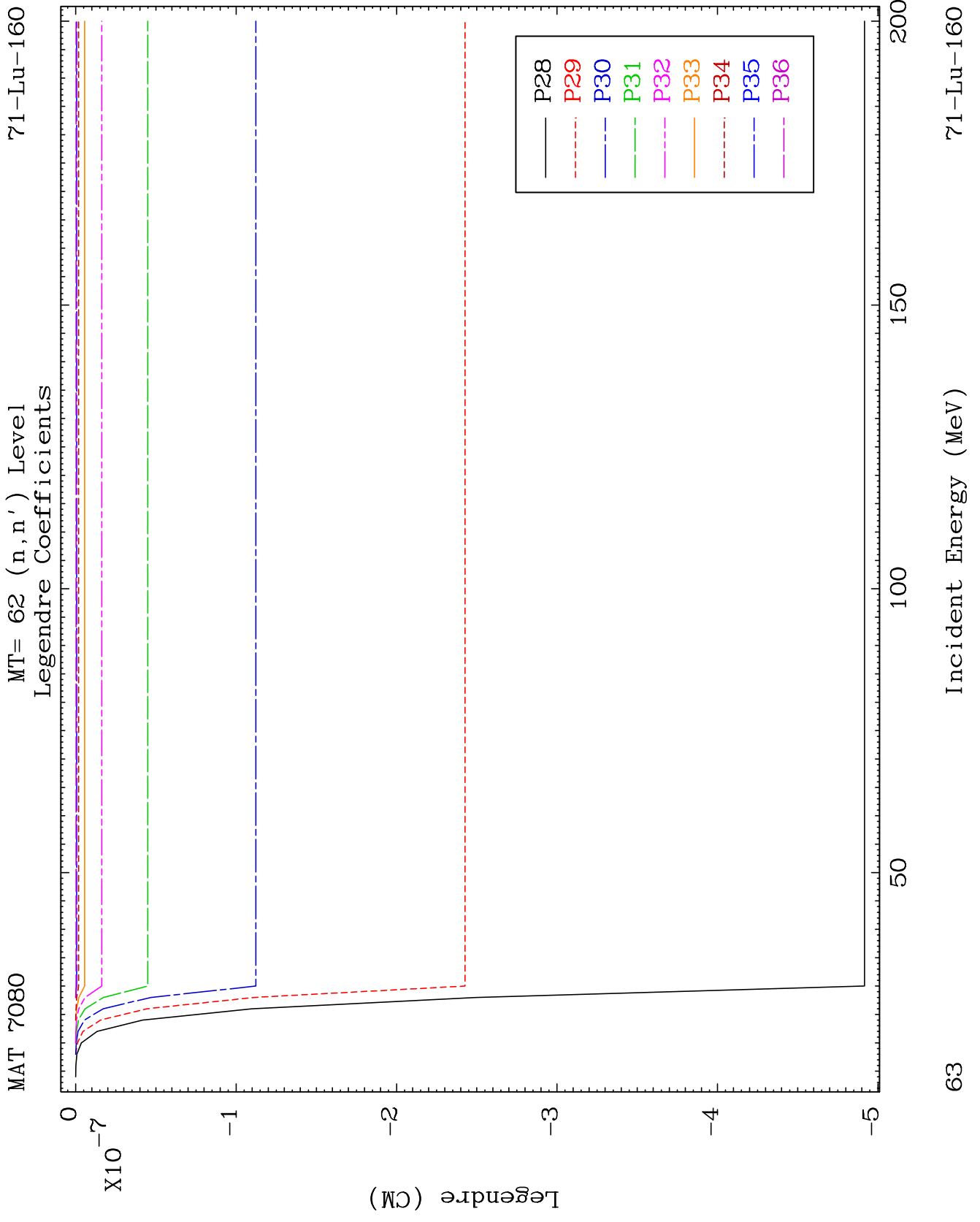
71-Lu-160



71-Lu-160

Incident Energy (MeV)

62



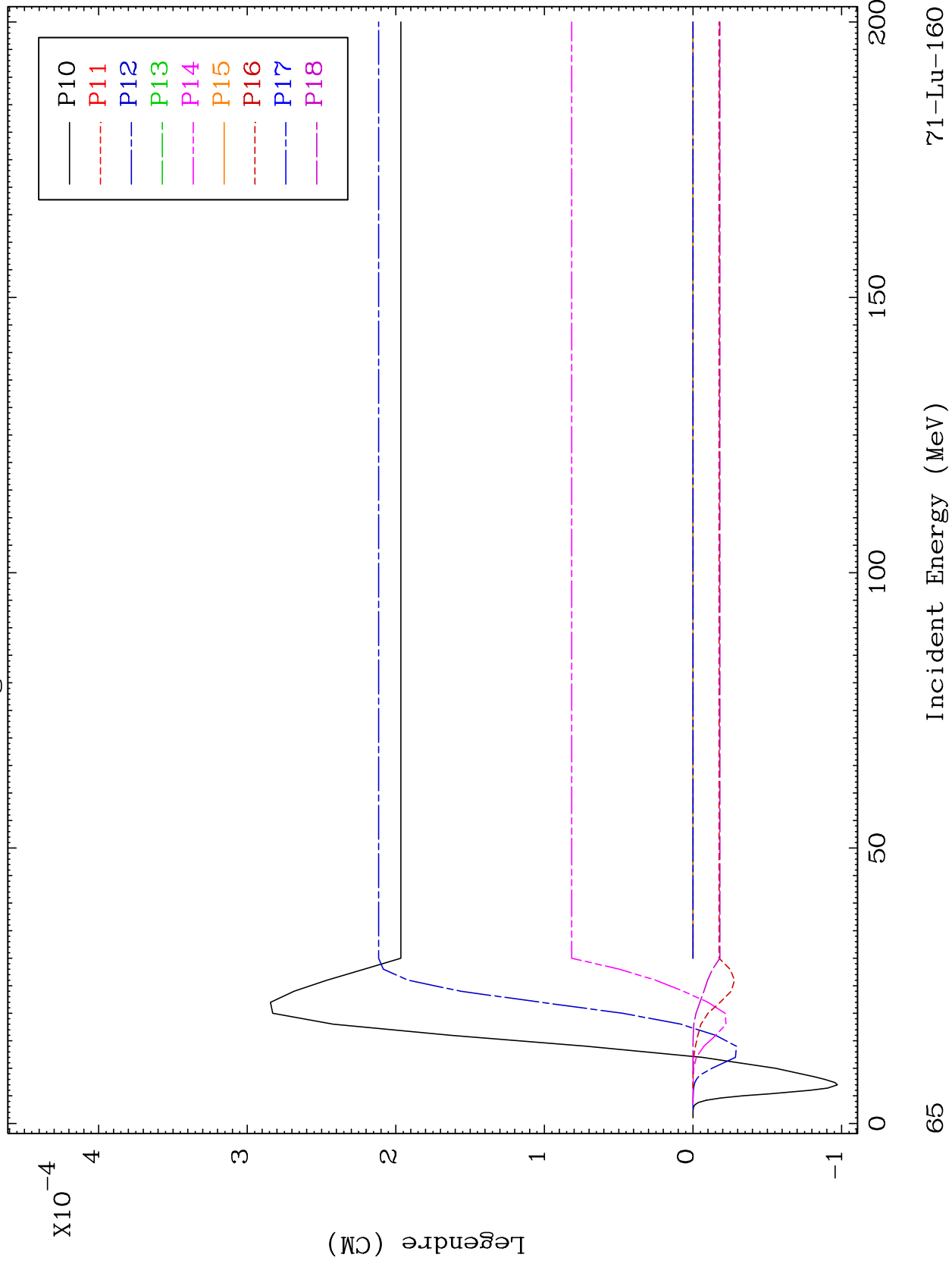




MAT 7080

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

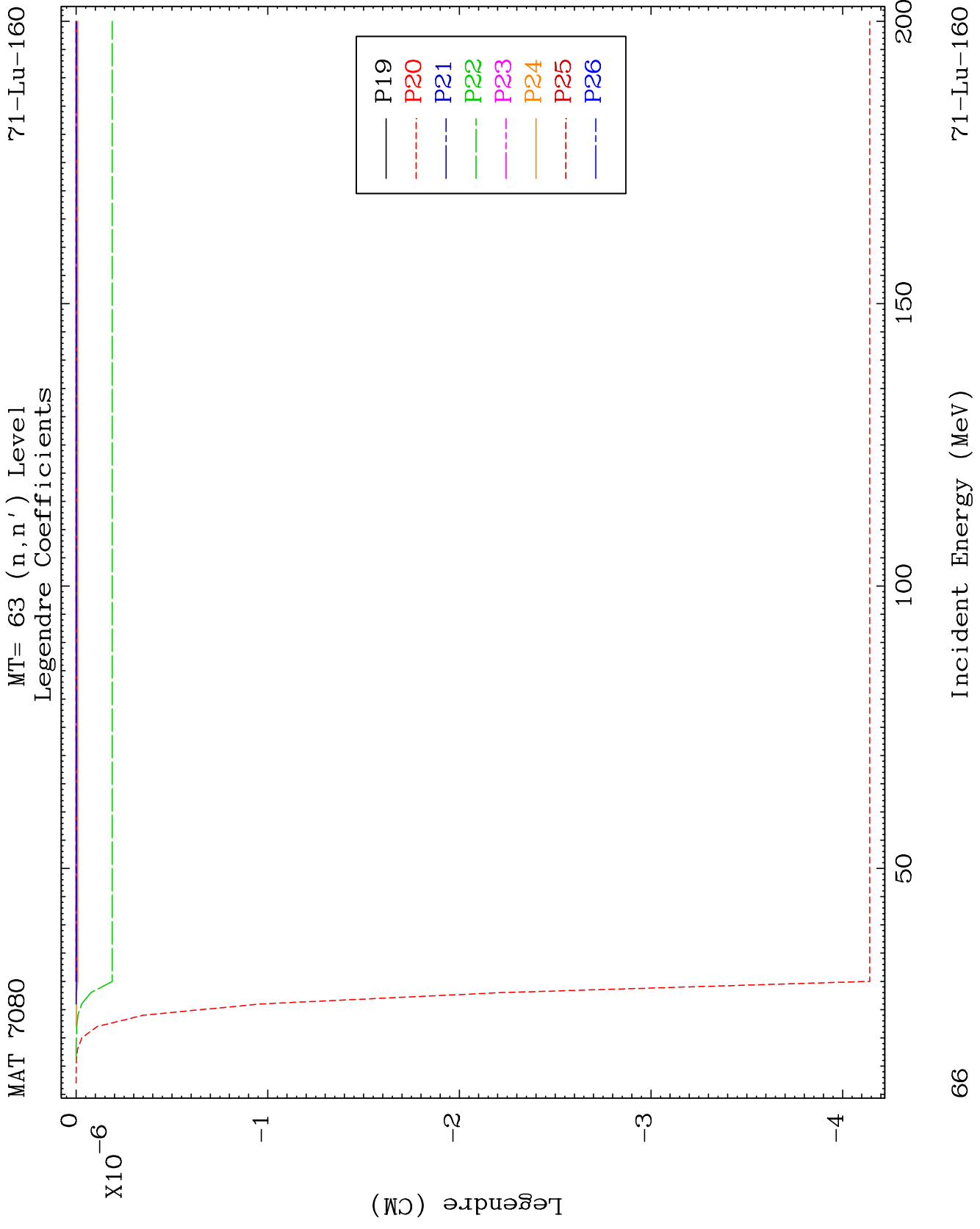
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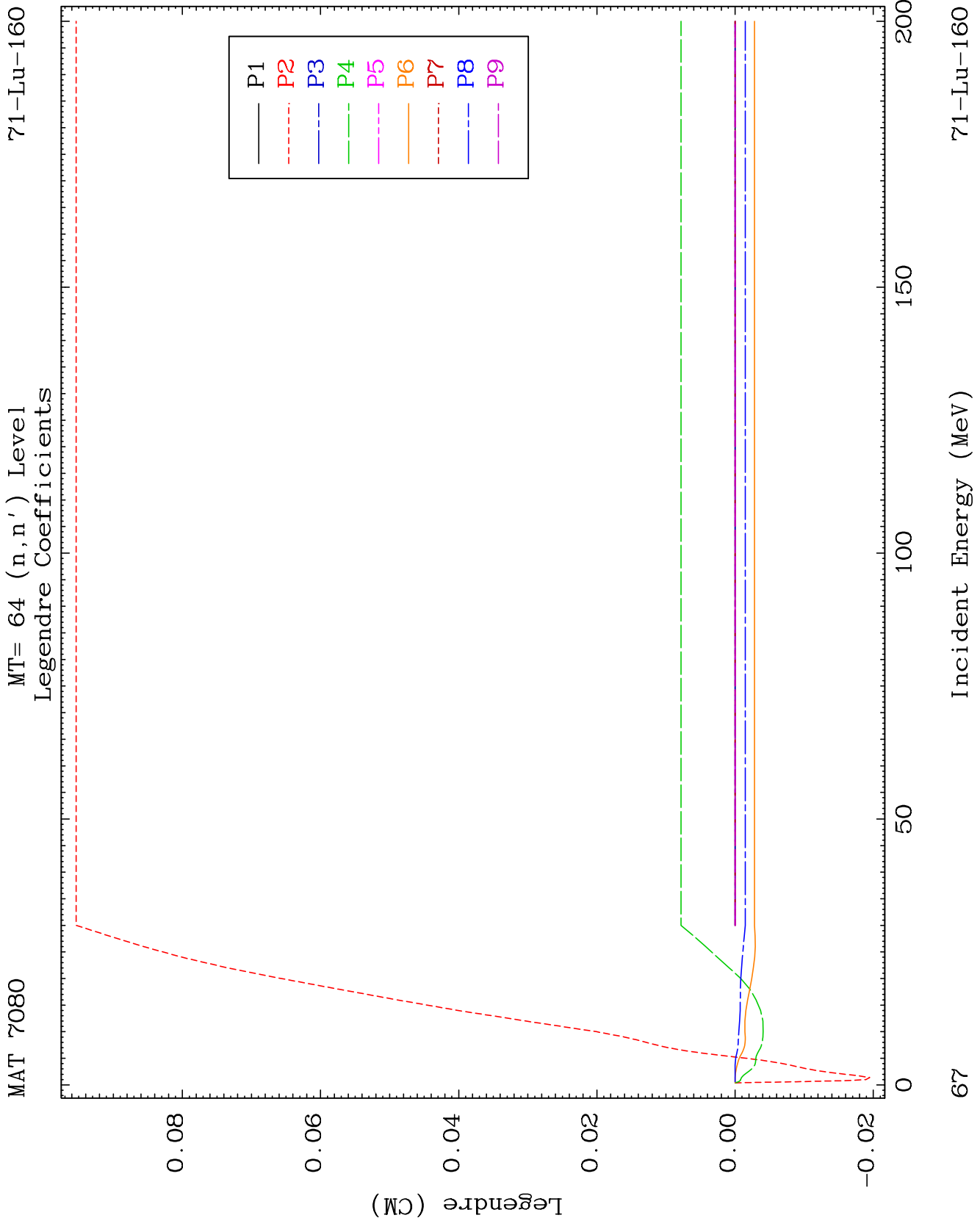


65

Incident Energy (MeV)

71-Lu-160

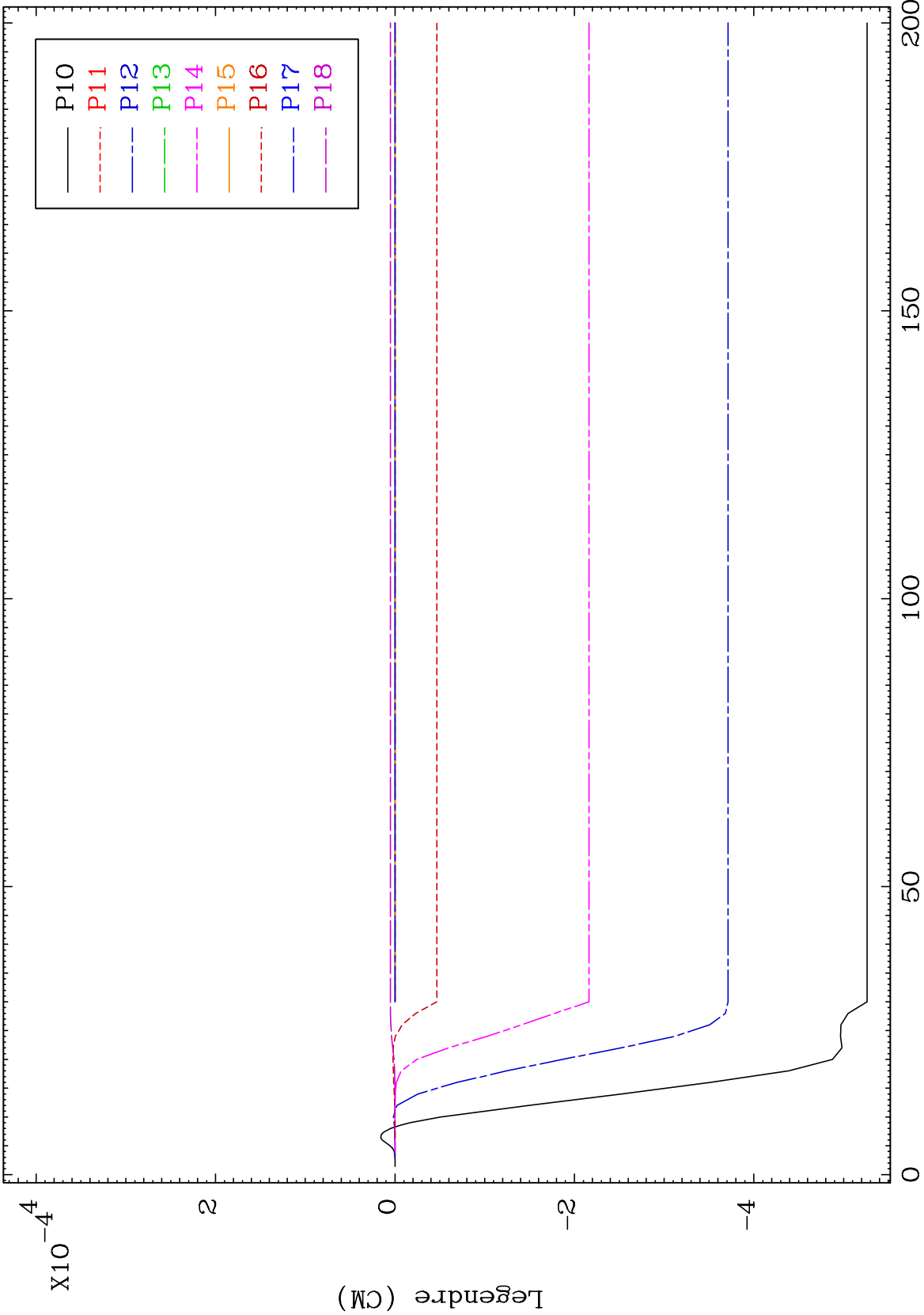




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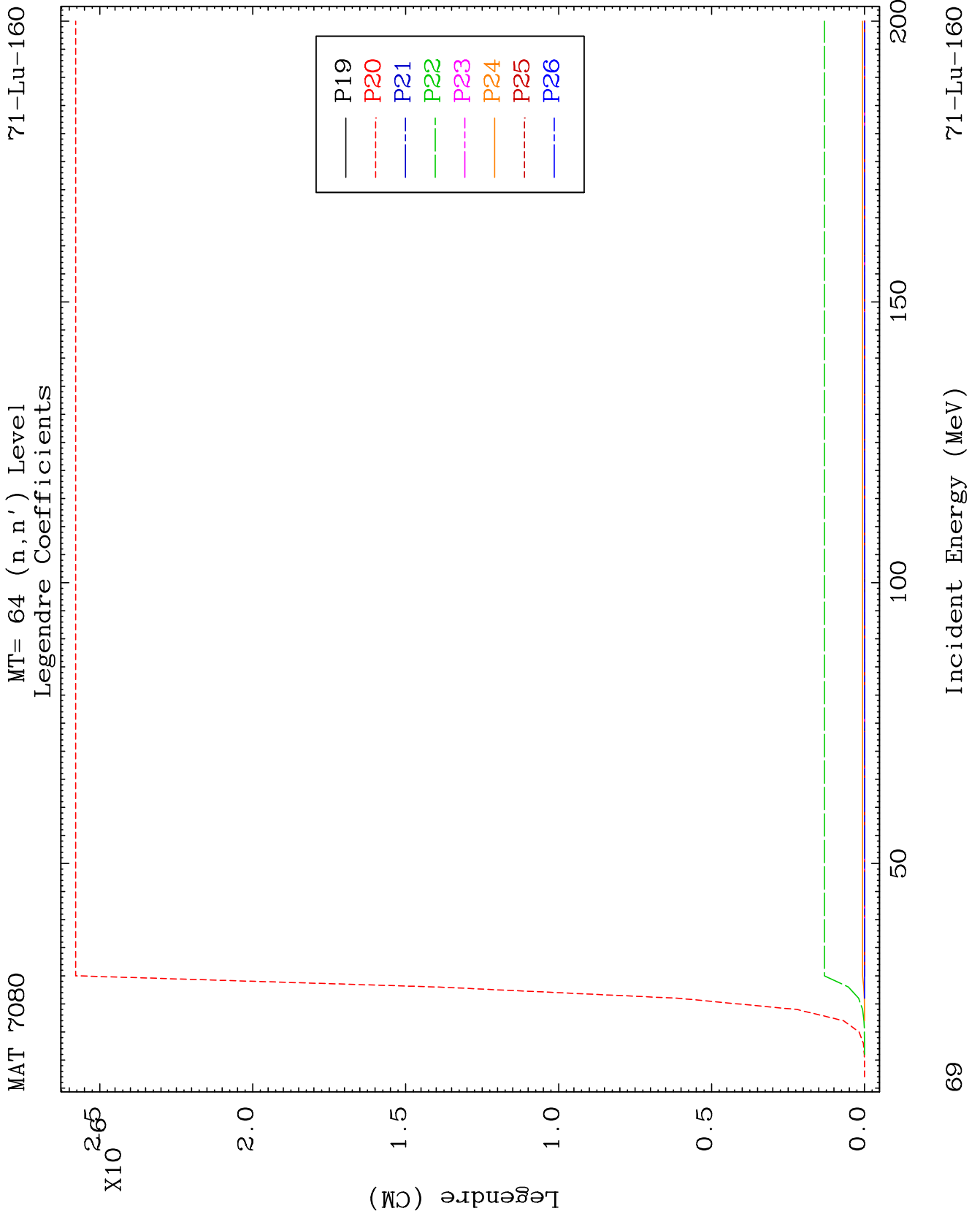
MT= 64 (n,n') Level  
Legendre Coefficients

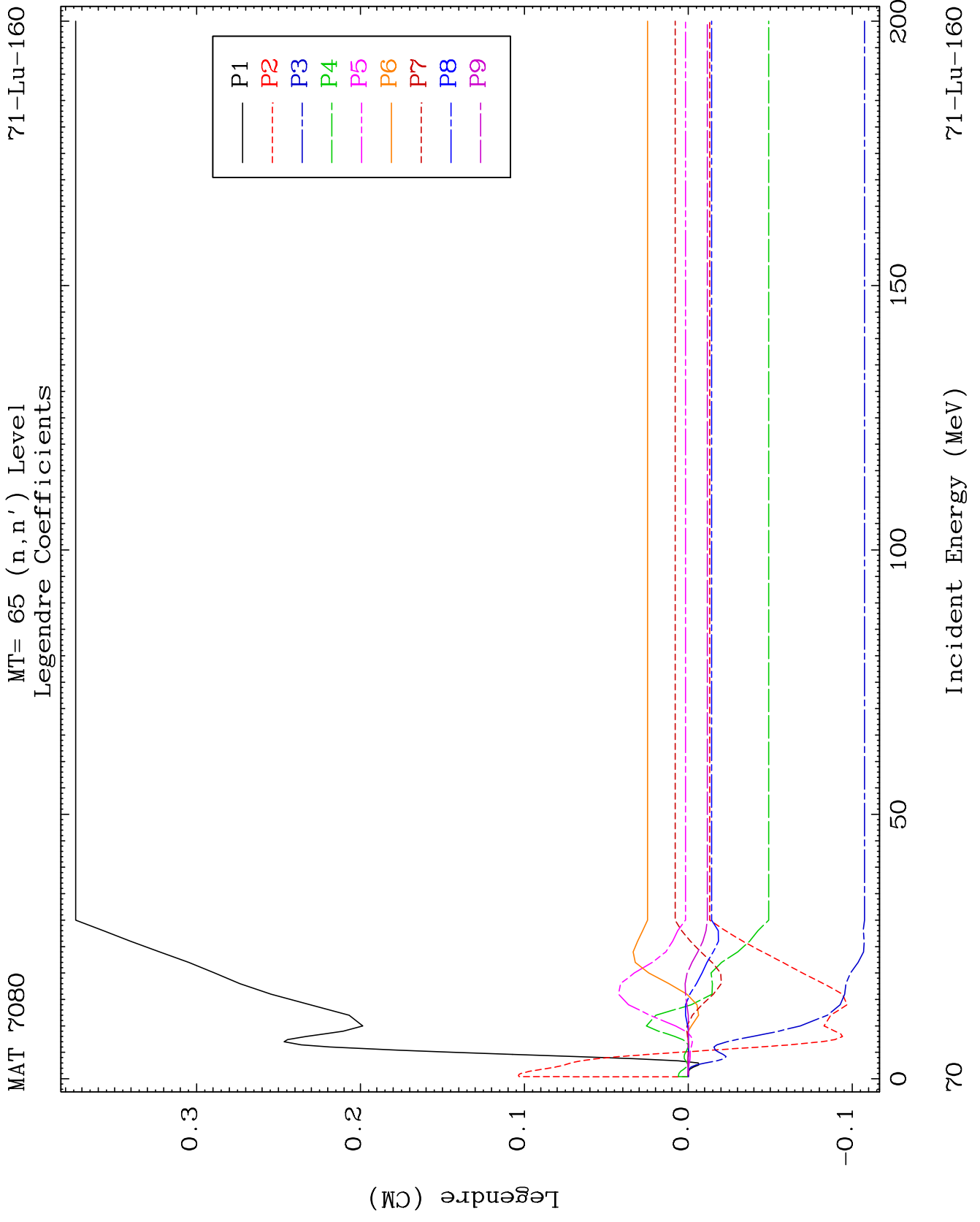
71-Lu-160



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71-Lu-160





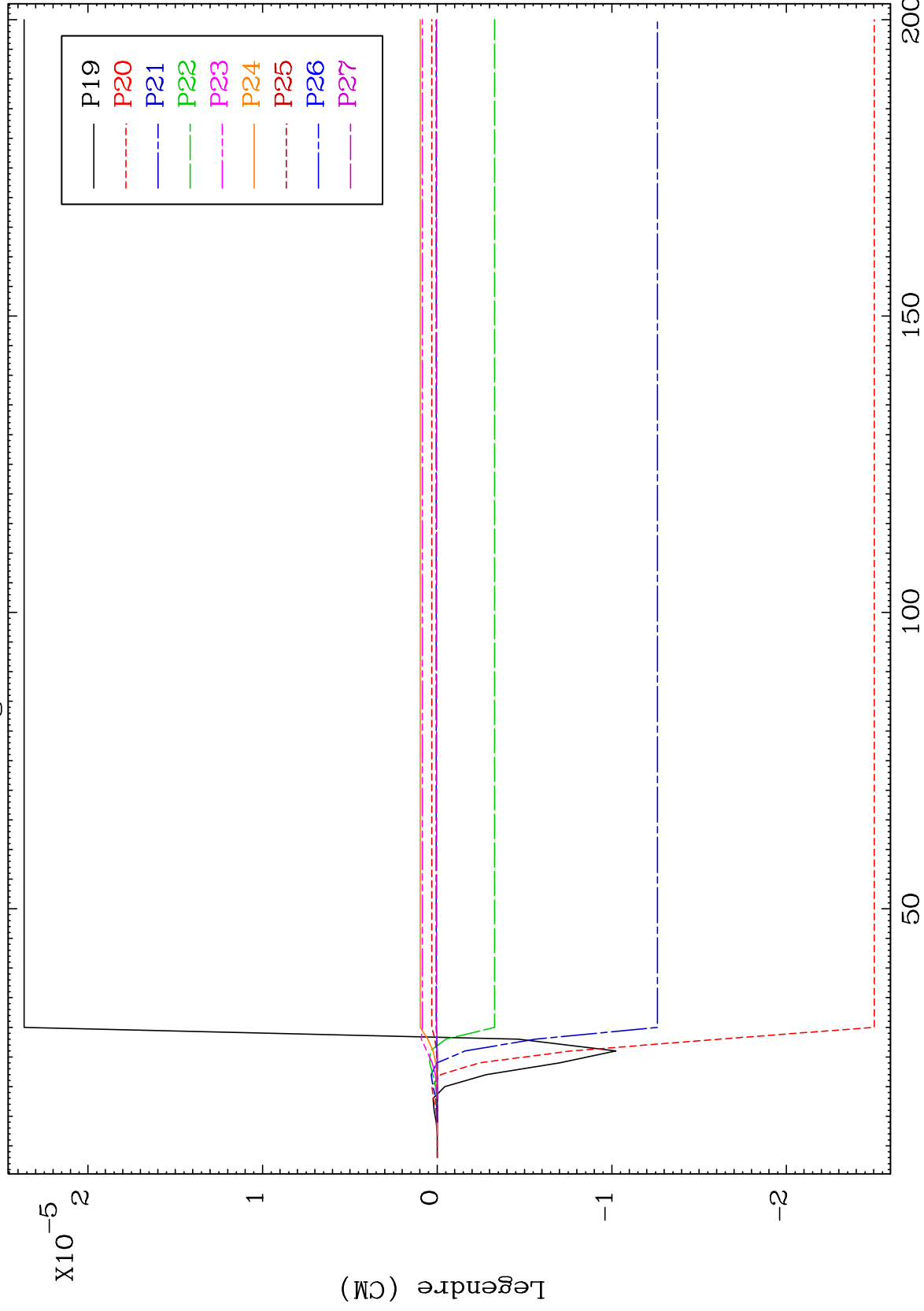




MAT 7080

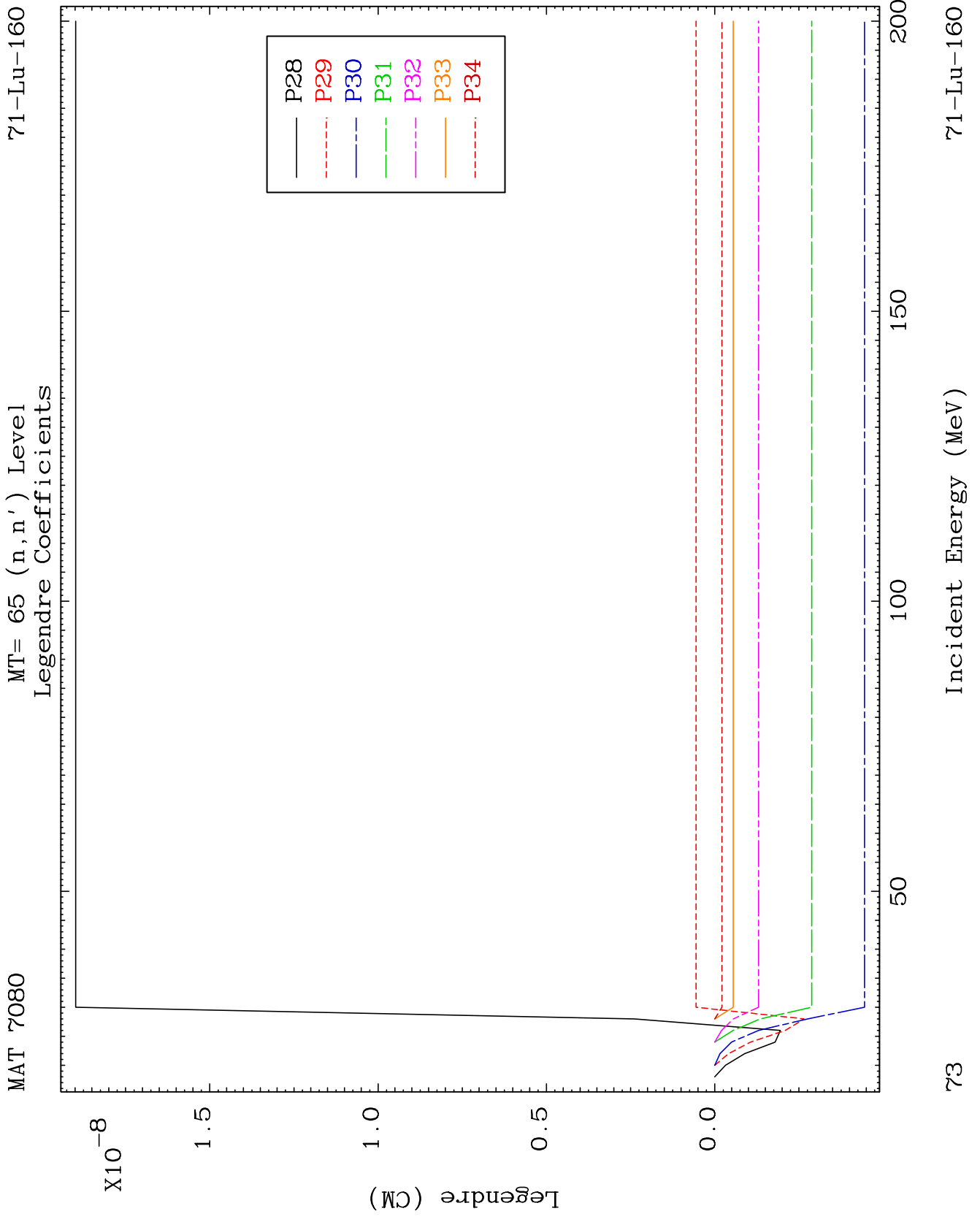
MT= 65 (n,n') Level  
Legendre Coefficients

71-Lu-160



72

71-Lu-160

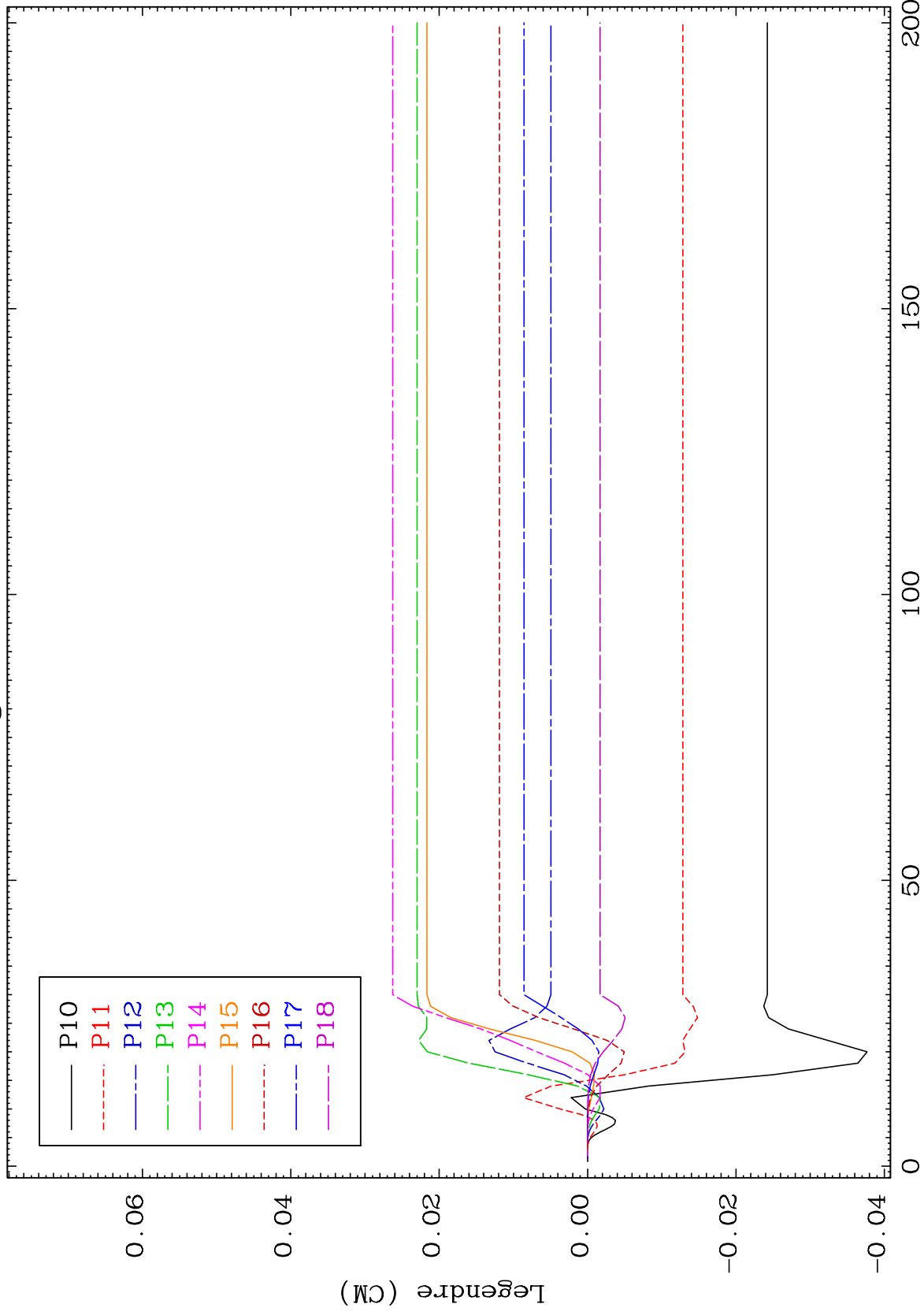




MAT 7080

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

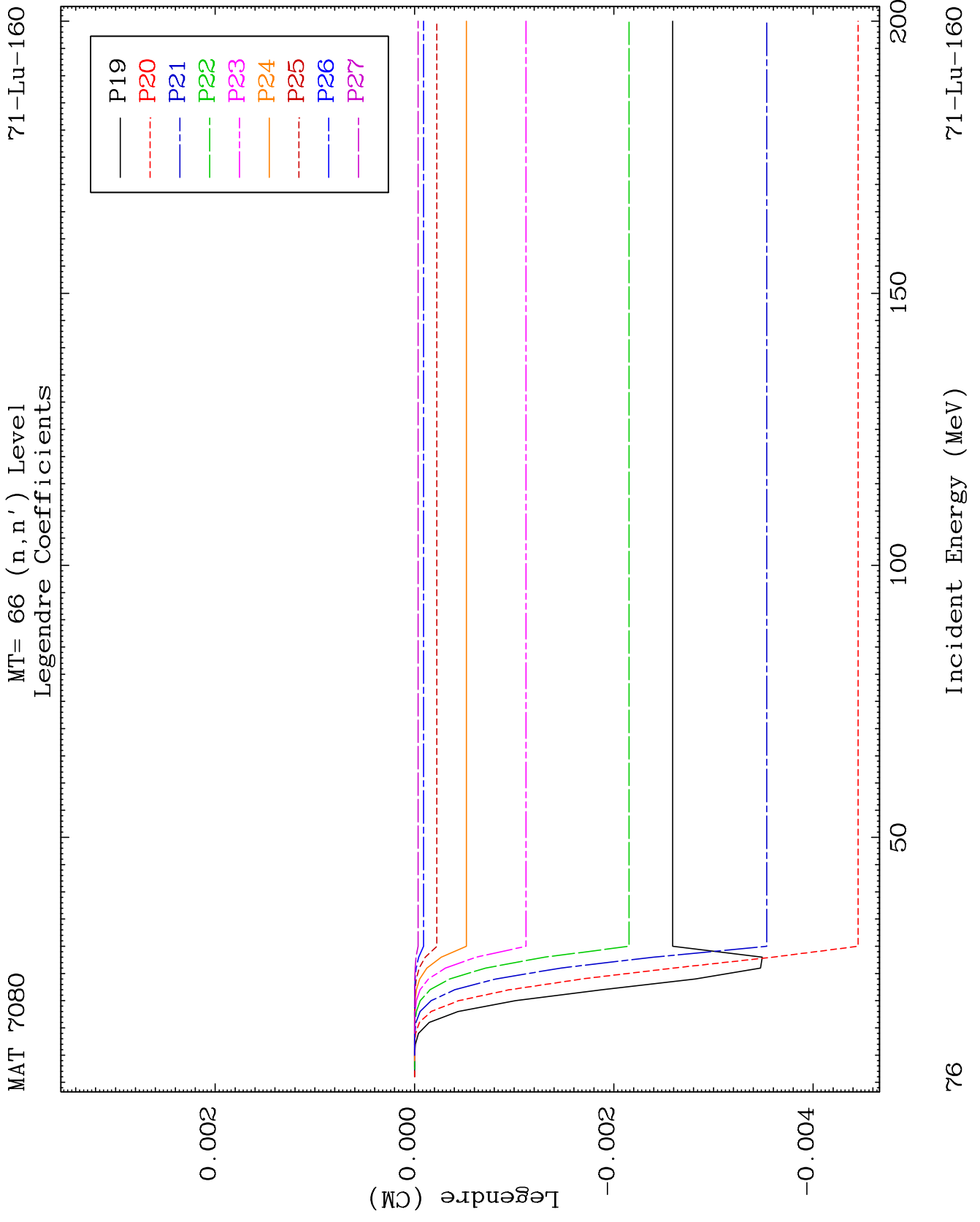
71-Lu-160

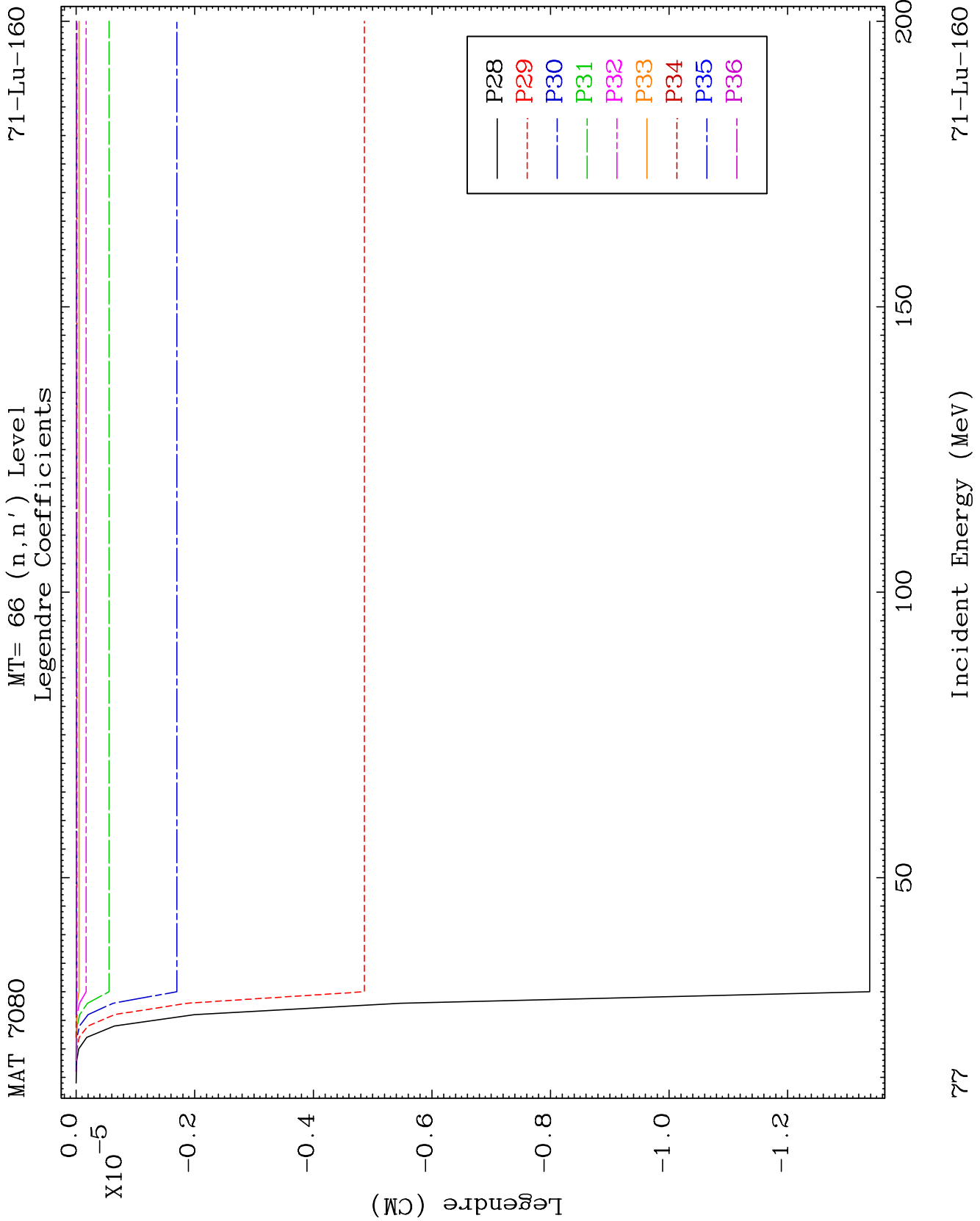


75

Incident Energy (MeV)

71-Lu-160



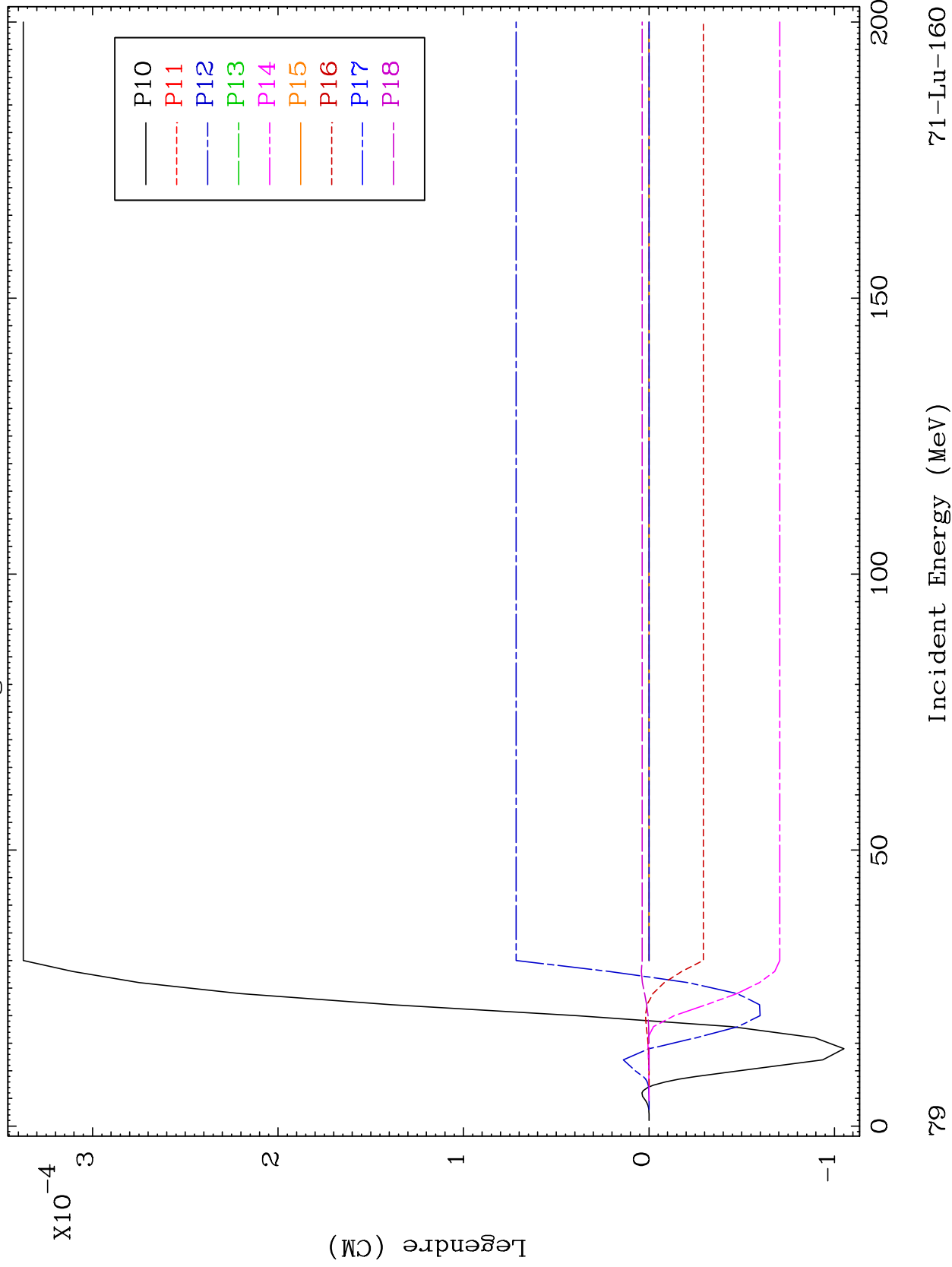




MAT 7080

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

71-Lu-160



79

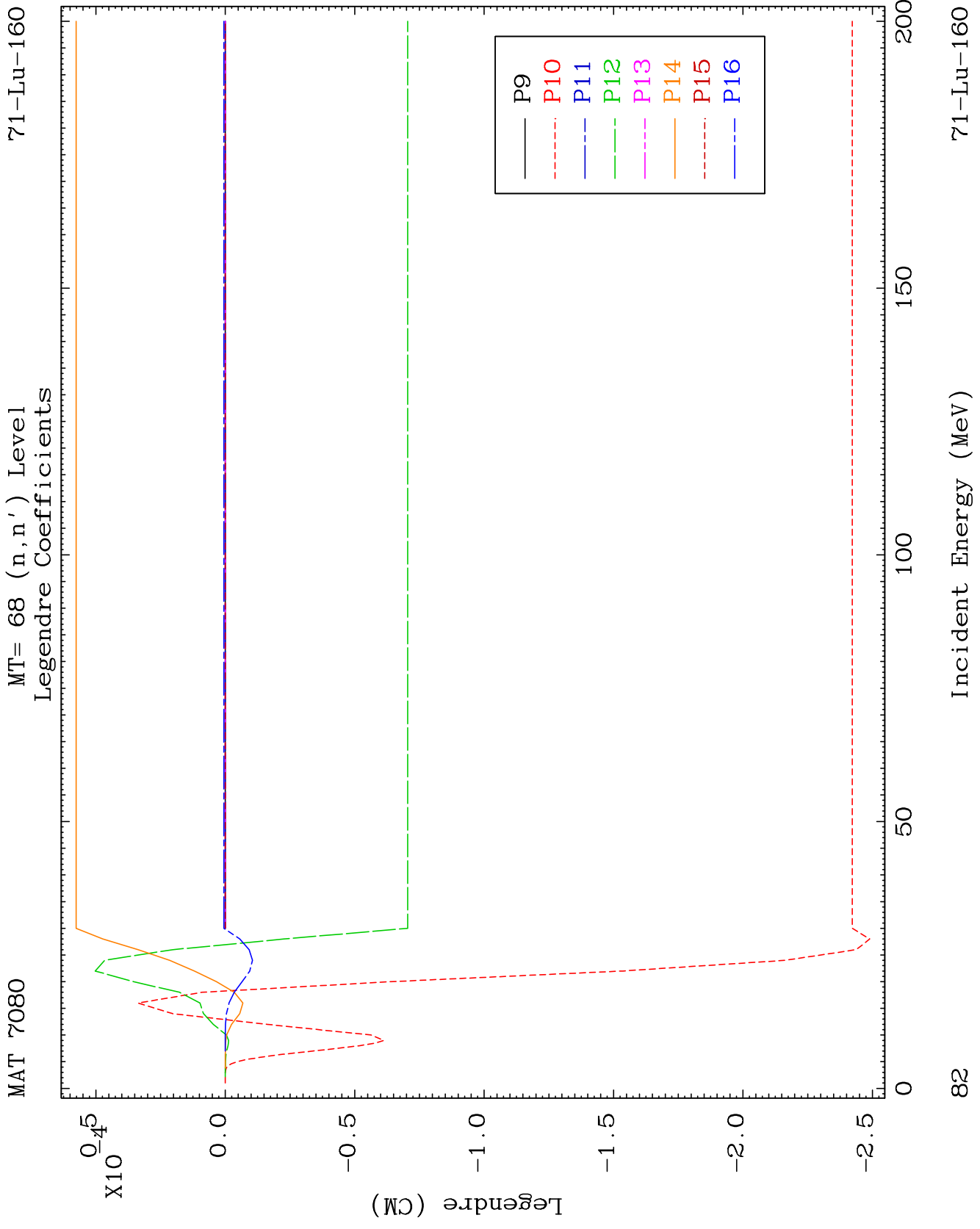
Incident Energy (MeV)

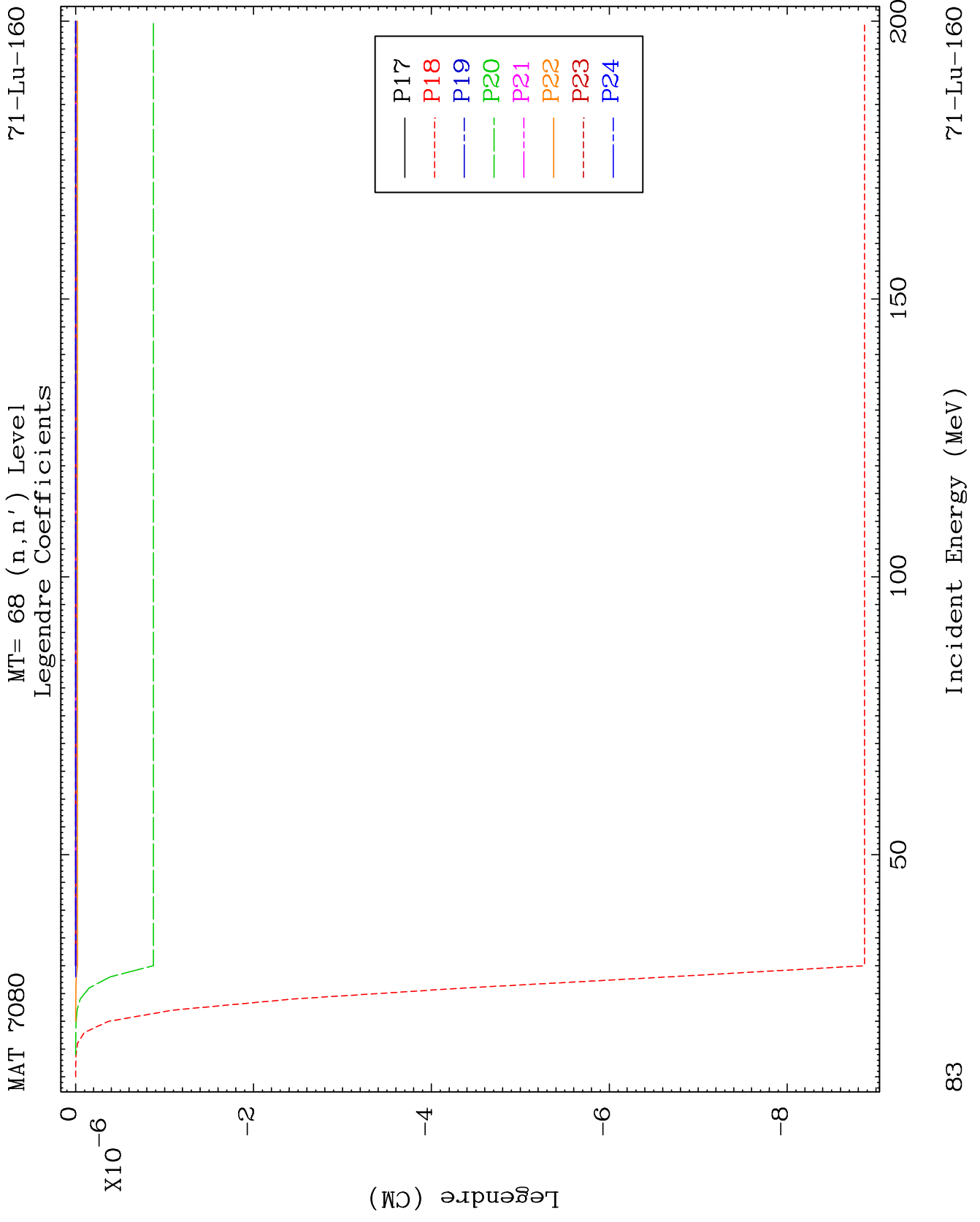
71-Lu-160



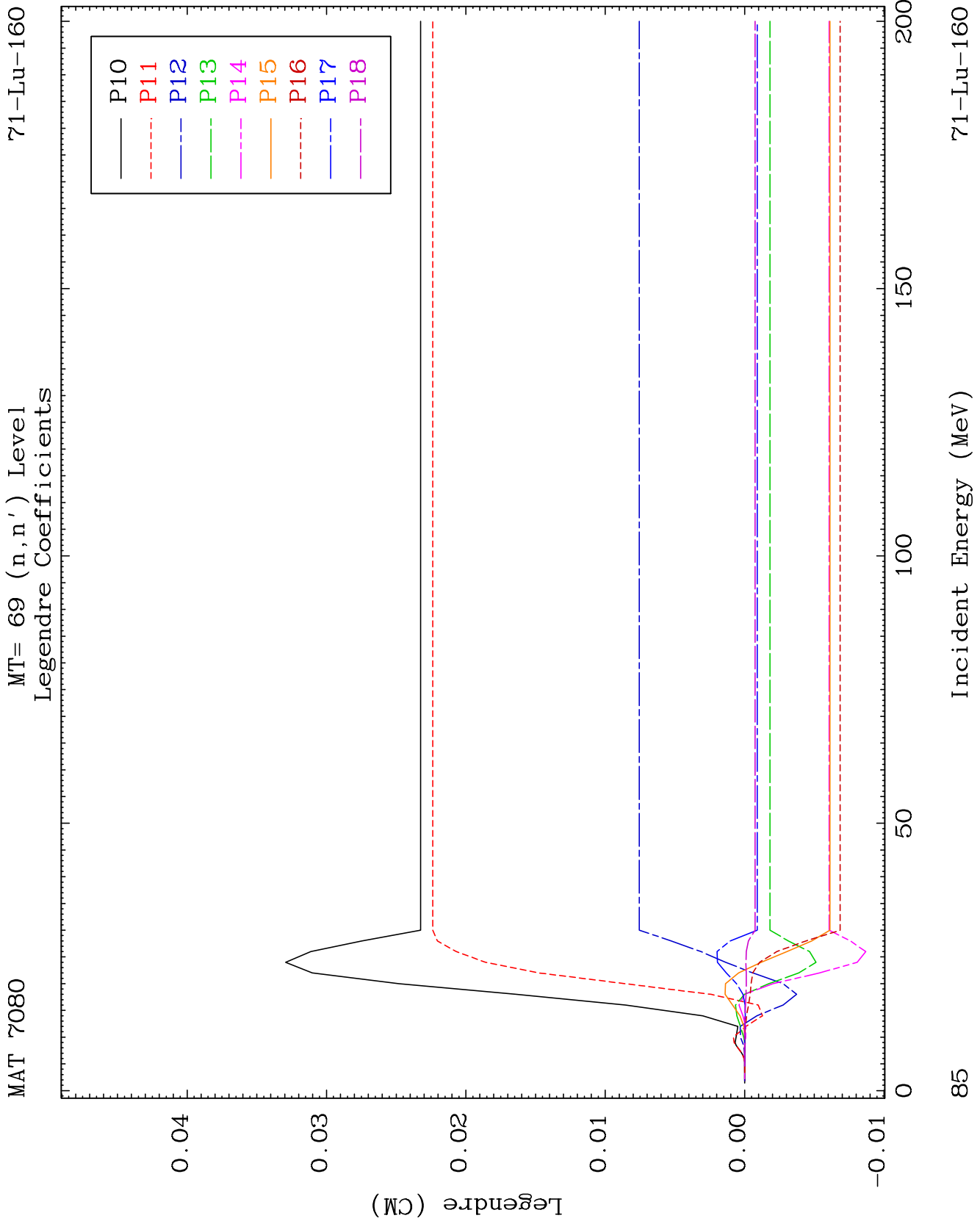


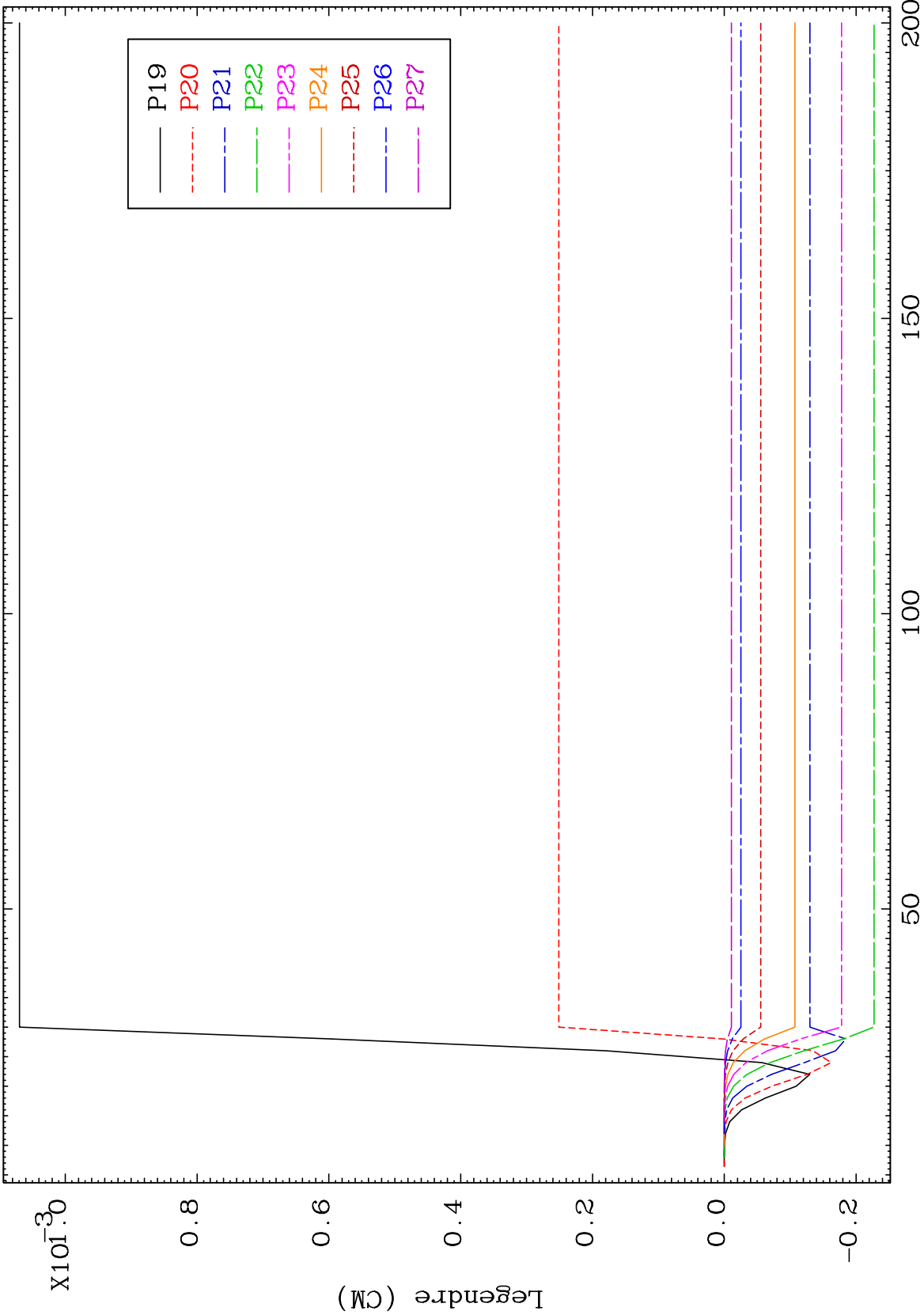


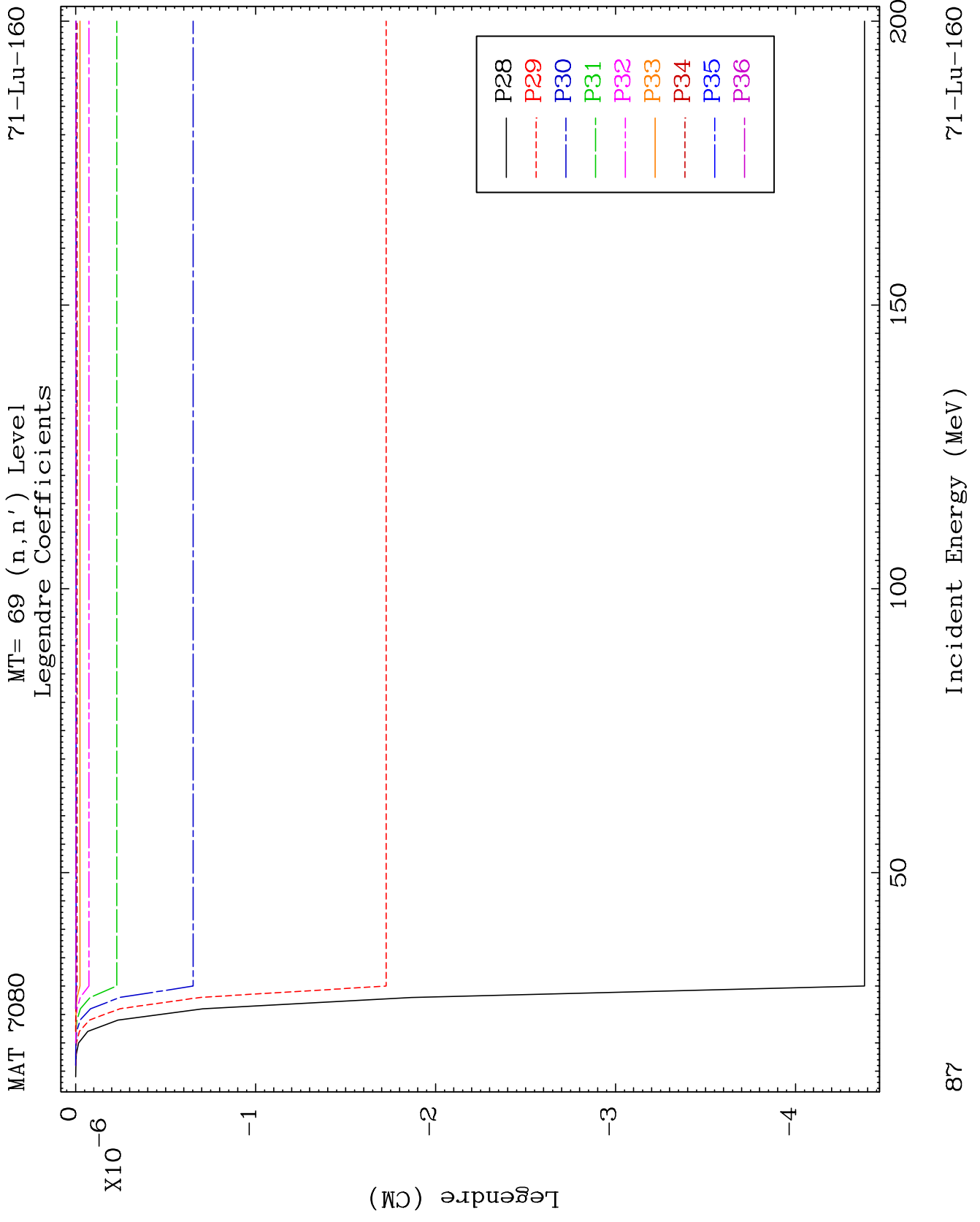




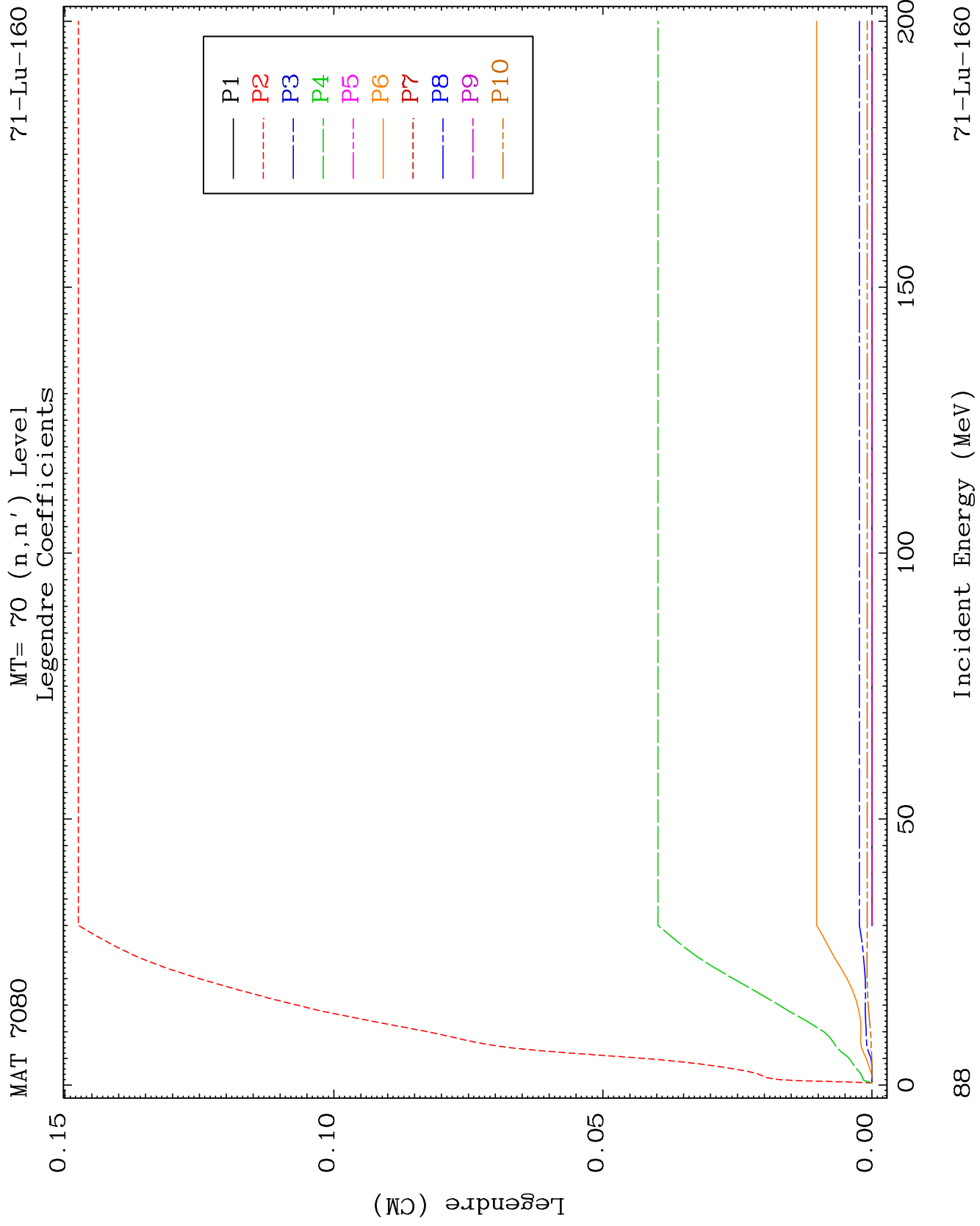


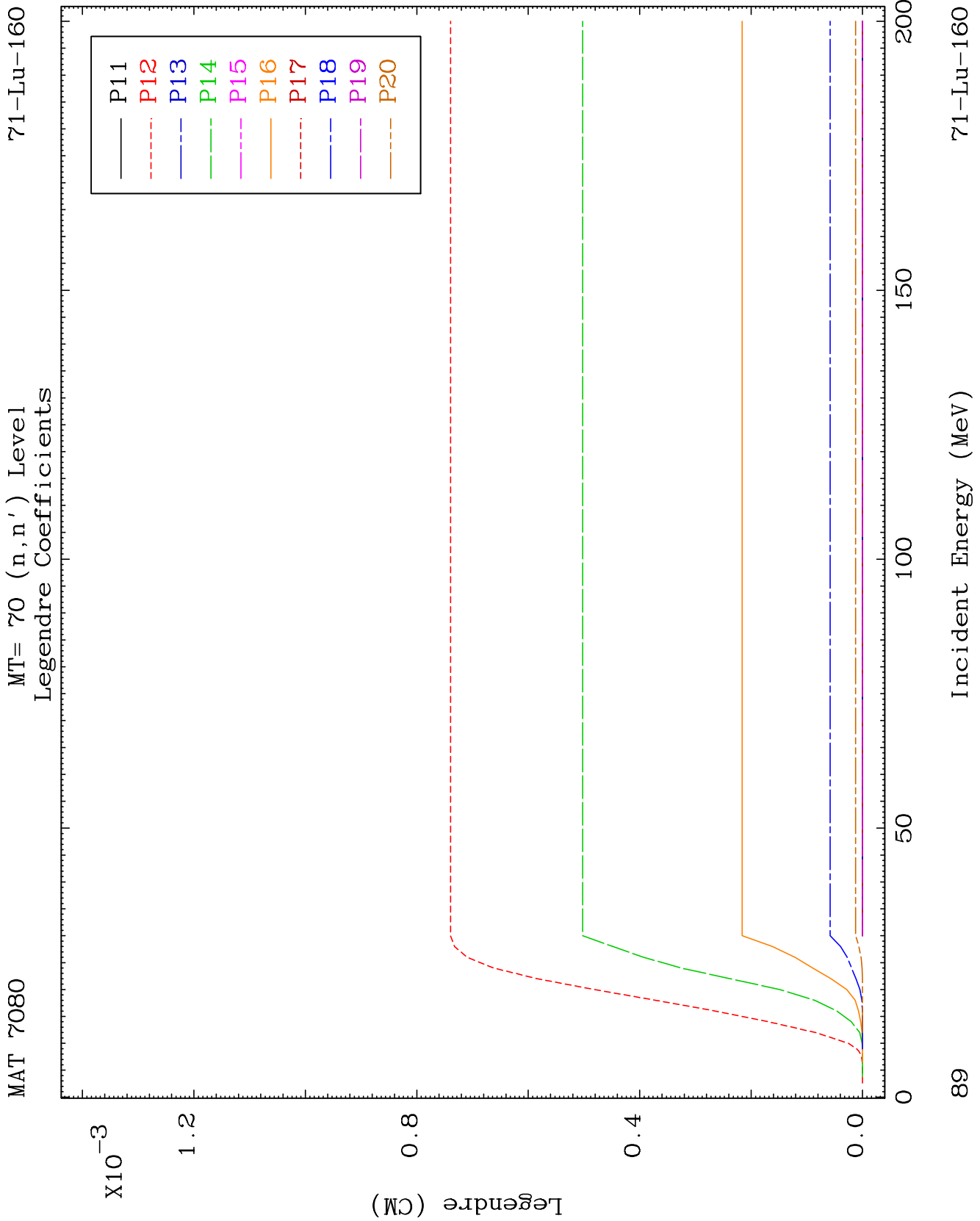


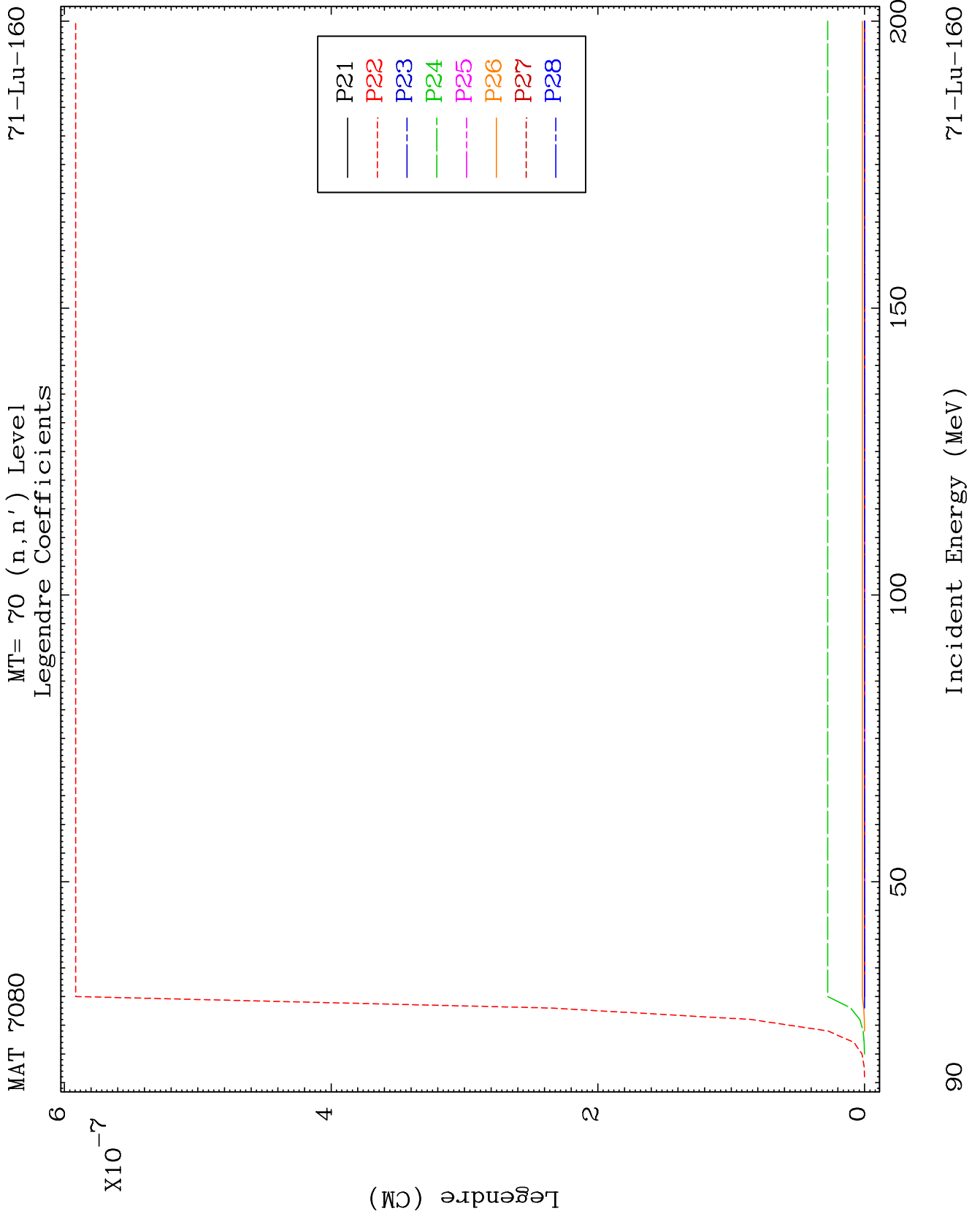










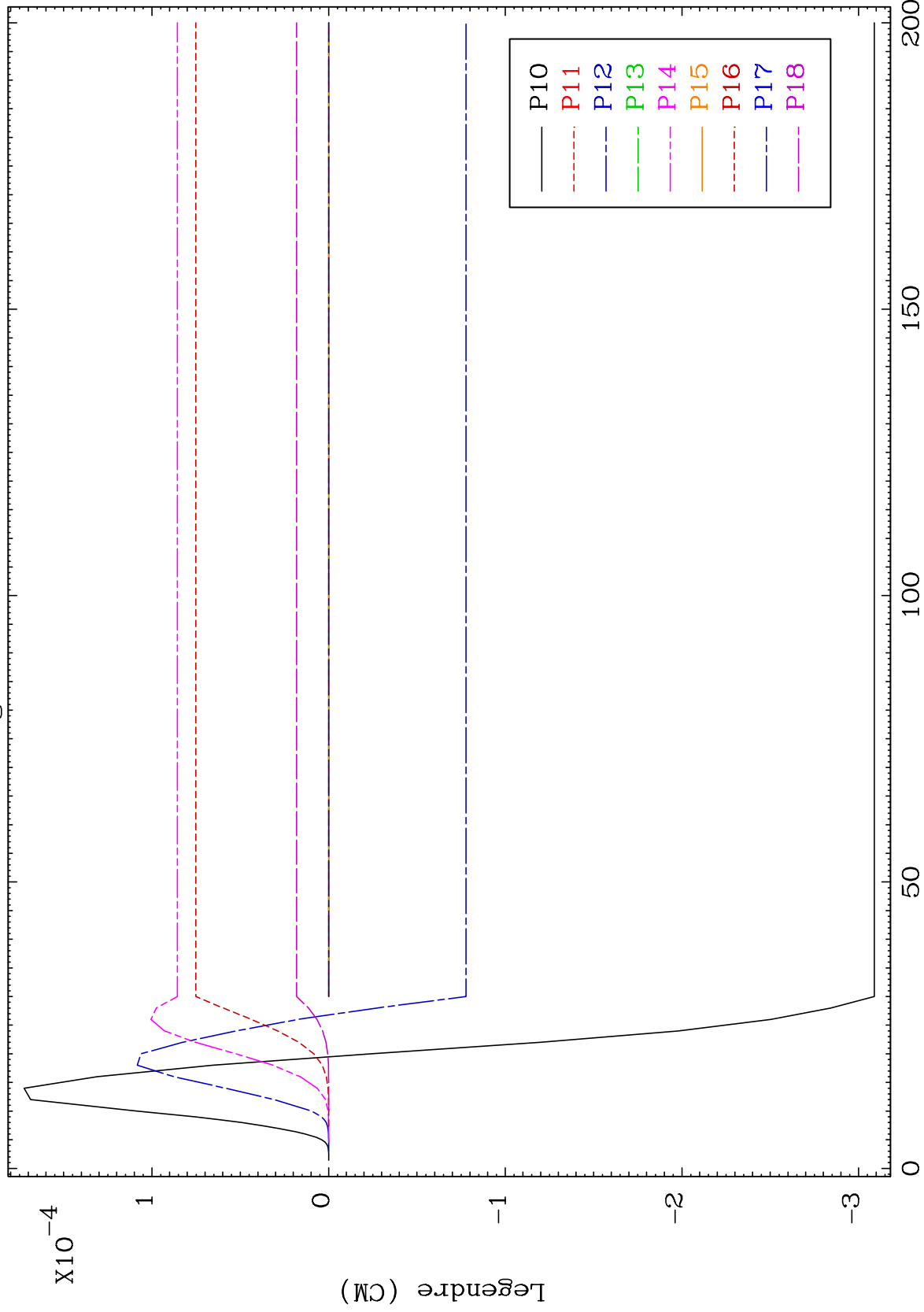




MAT 7080

MT= 71 (n,n') Level  
Legendre Coefficients

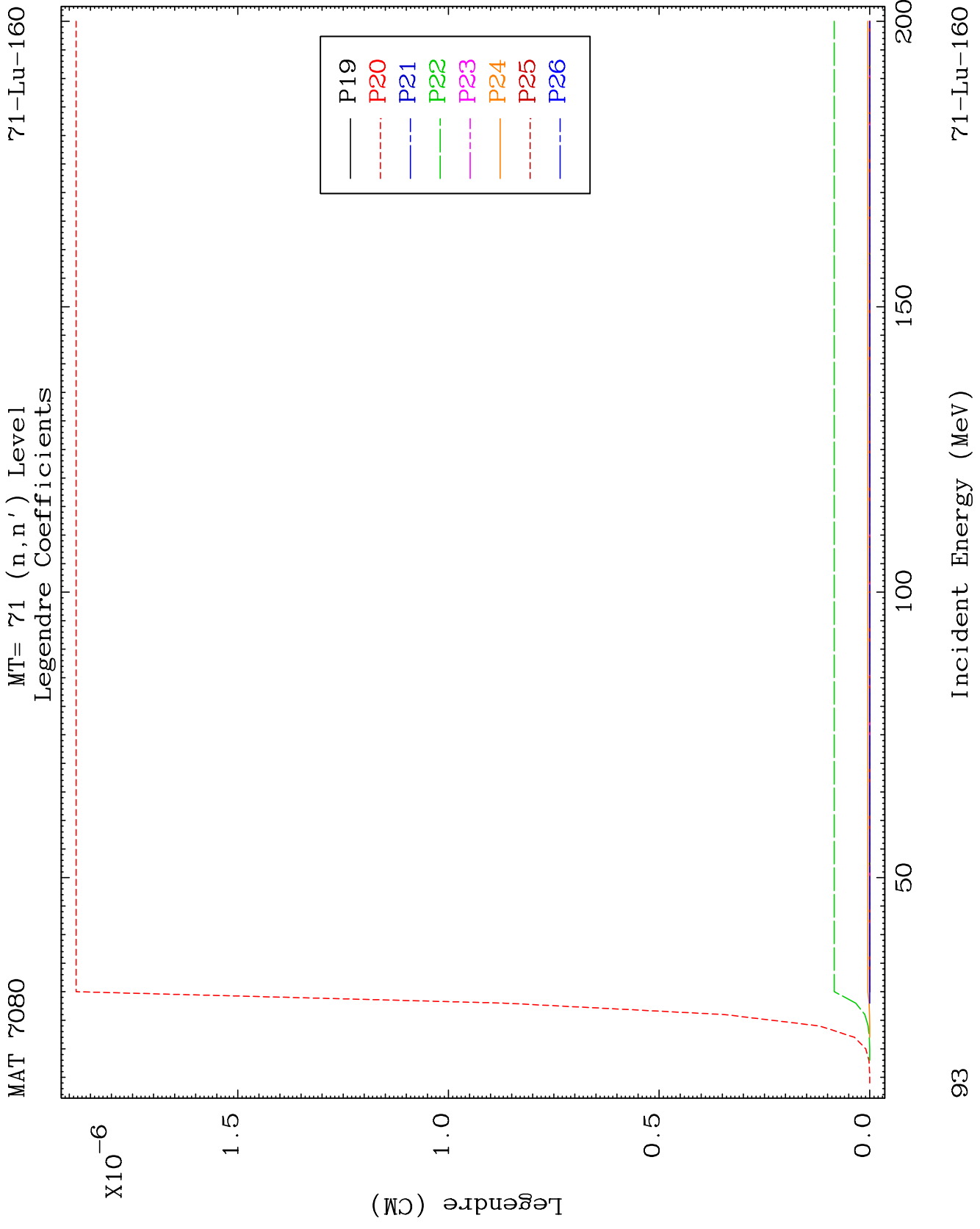
71-Lu-160



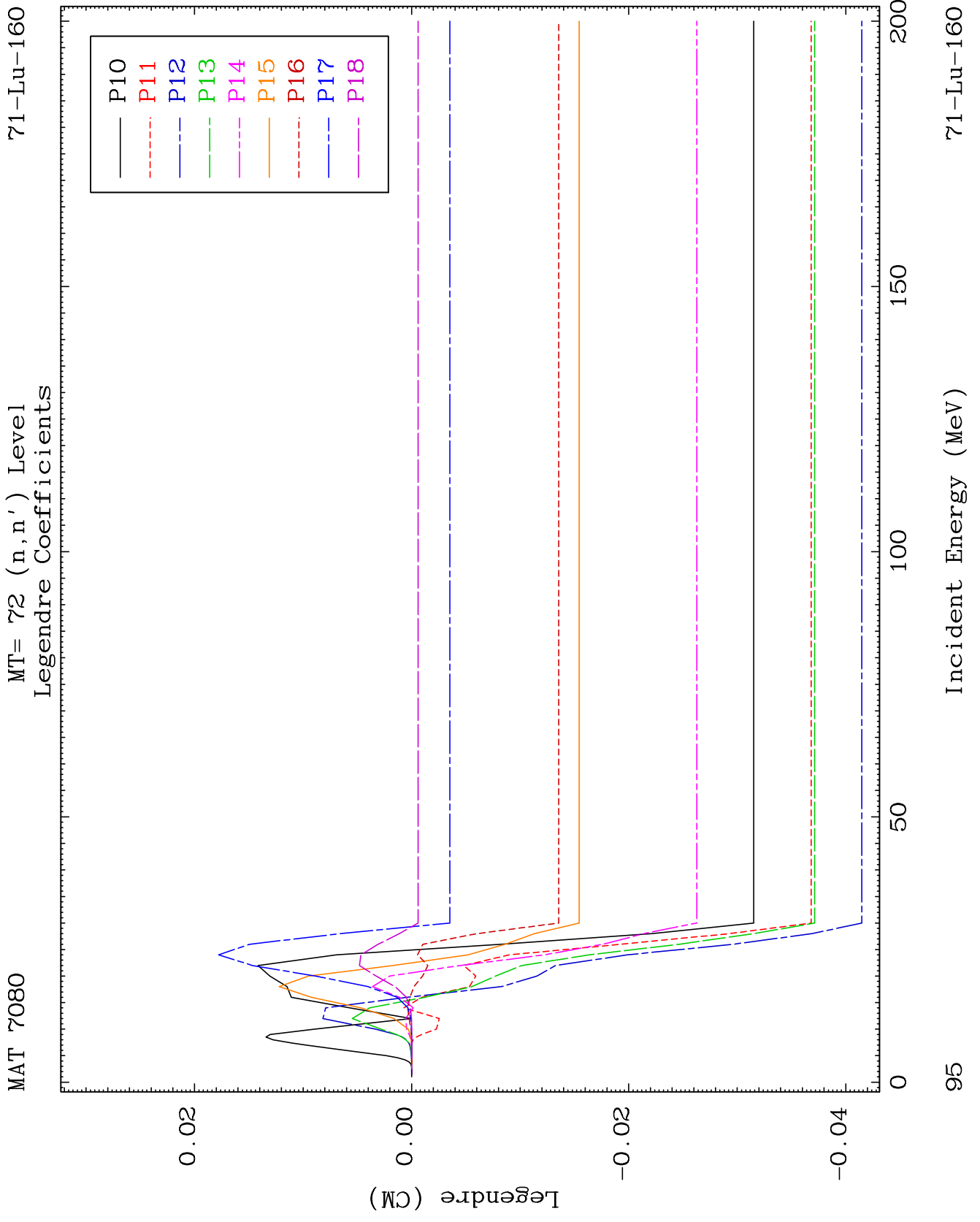
92

Incident Energy (MeV)

71-Lu-160





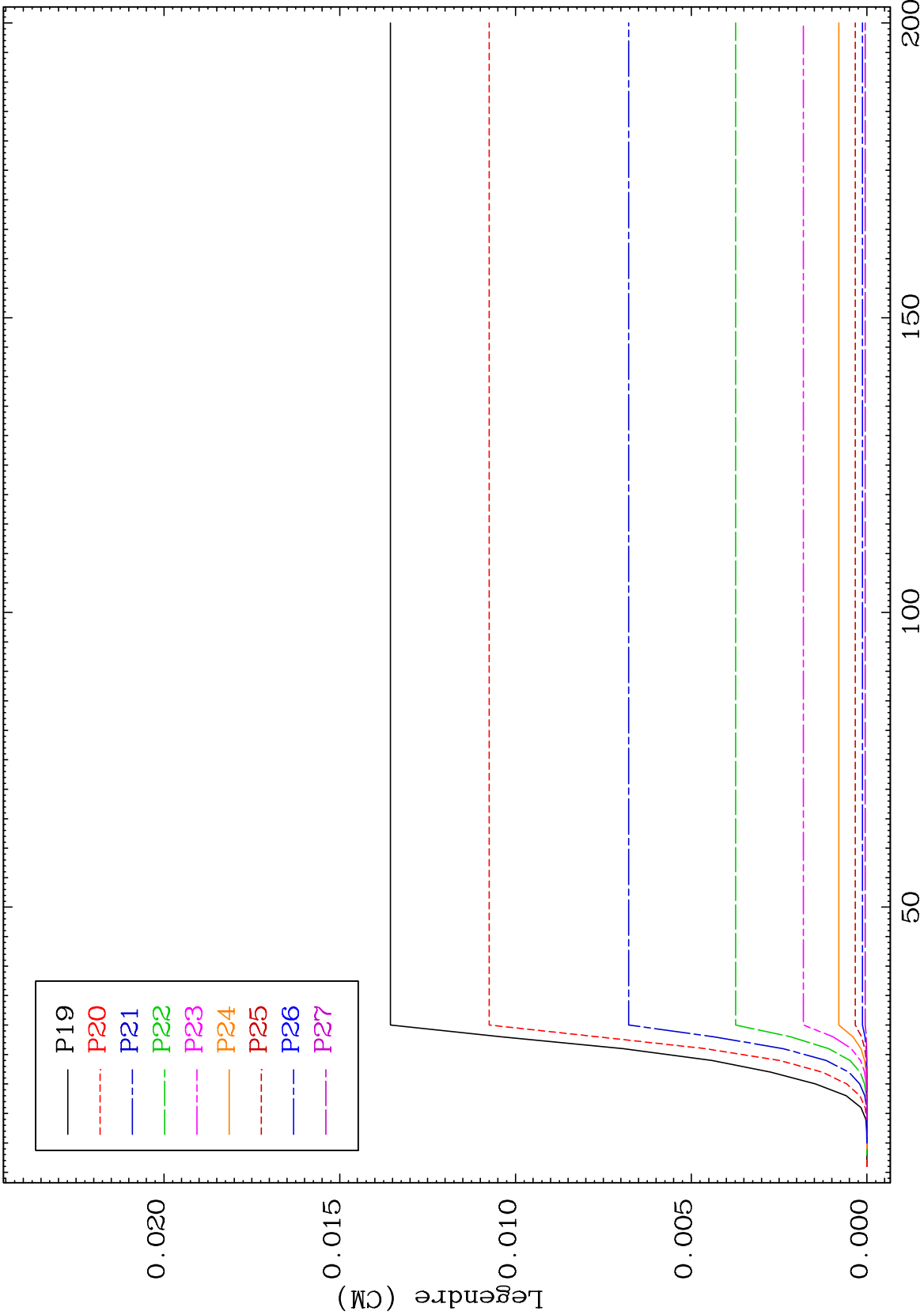




MAT 7080

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

71-Lu-160



96

Incident Energy (MeV)

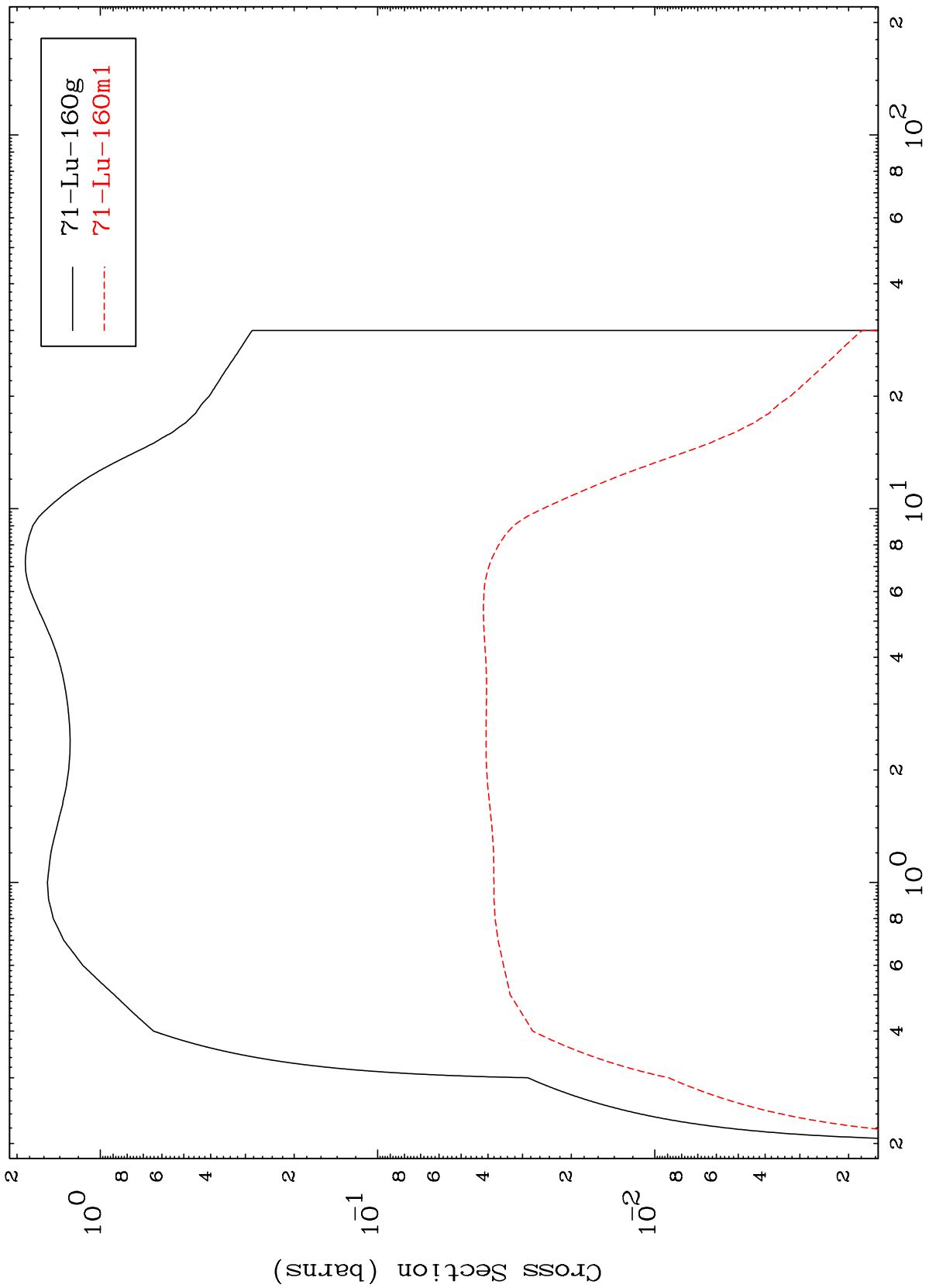
71-Lu-160



MAT 7080

71-Lu-160

Inelastic  
Radionuclide Production Cross Section



98

71-Lu-160

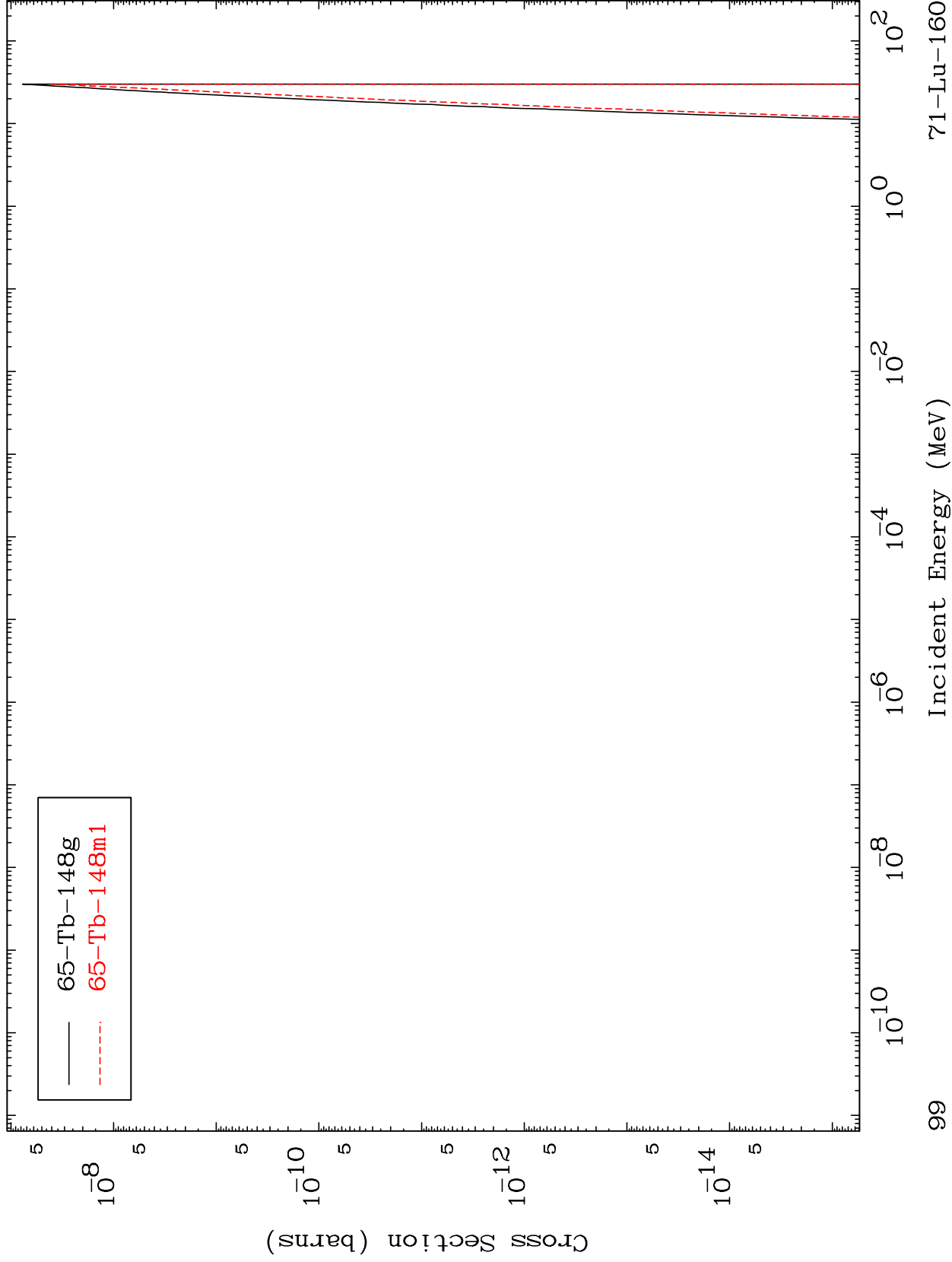
Incident Energy (MeV)

MAT 7080

(n,n') 3 $\alpha$

<sup>71</sup>Lu-160

Radionuclide Production Cross Section



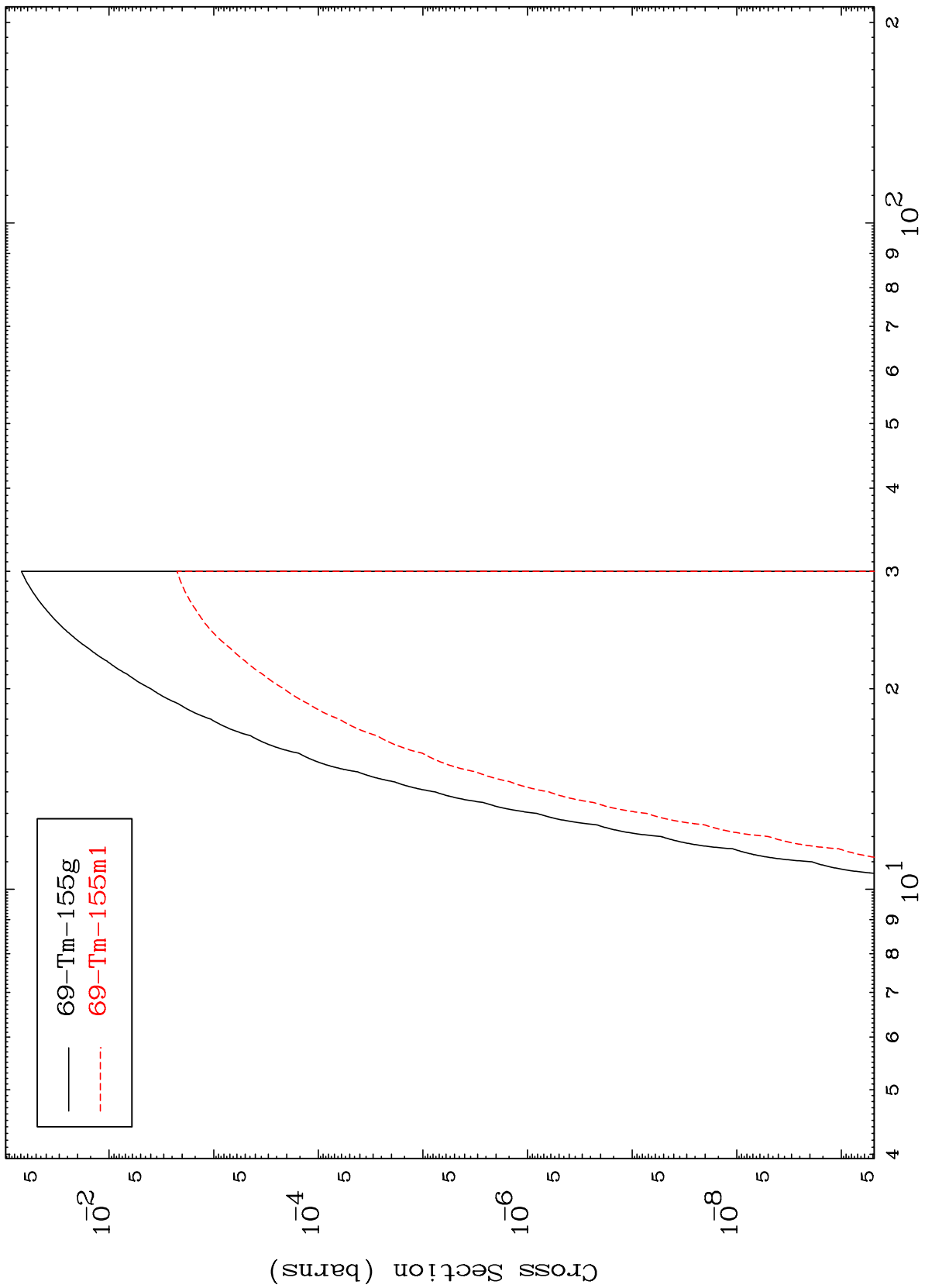
99

MAT 7080

(n,2n)  $\alpha$

71-Lu-160

Radionuclide Production Cross Section



100

Incident Energy (MeV)

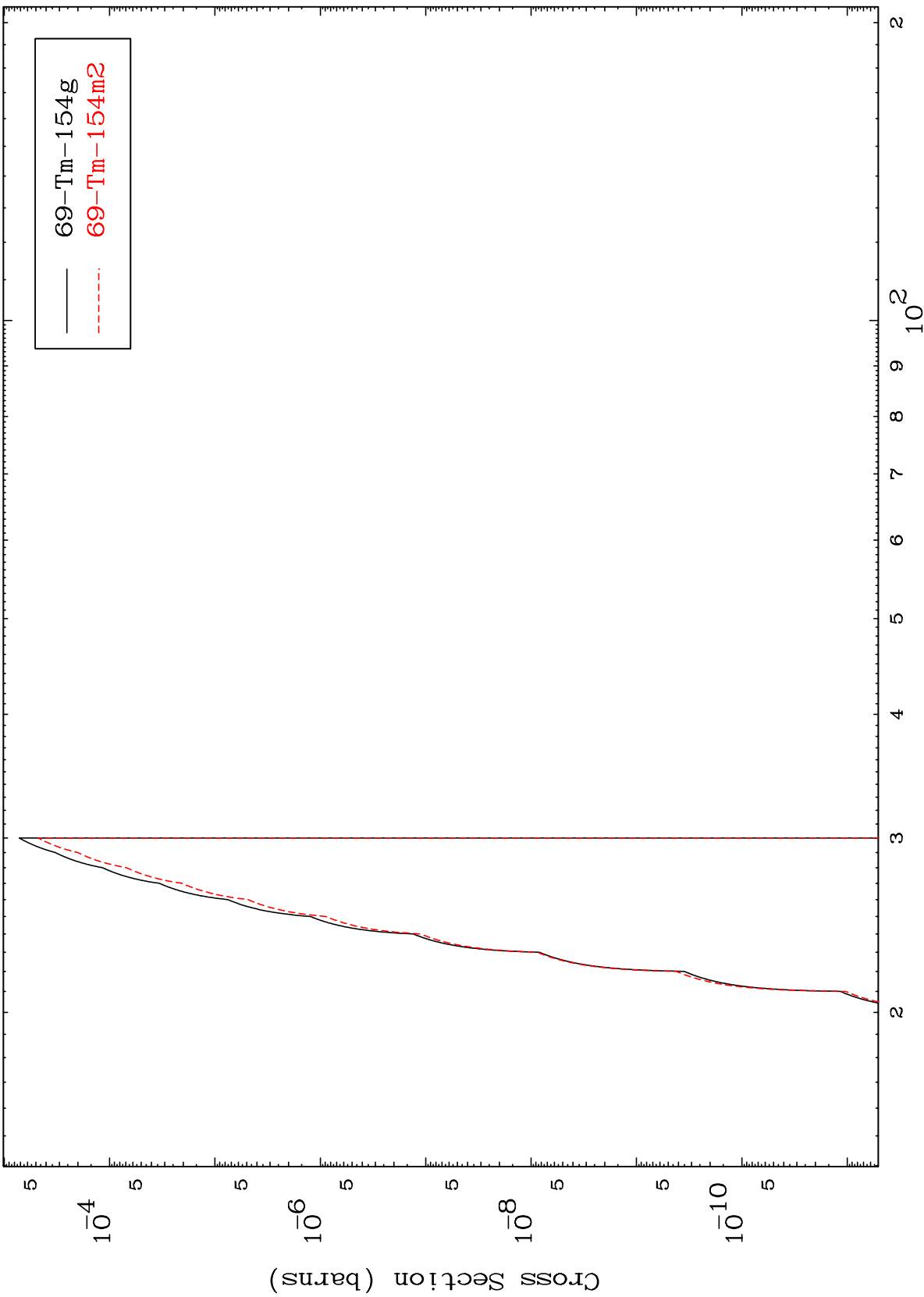
71-Lu-160

MAT 7080

(n,3n)  $\alpha$

71-Lu-160

Radionuclide Production Cross Section



69-Tm-154g  
69-Tm-154m2

101

Incident Energy (MeV)

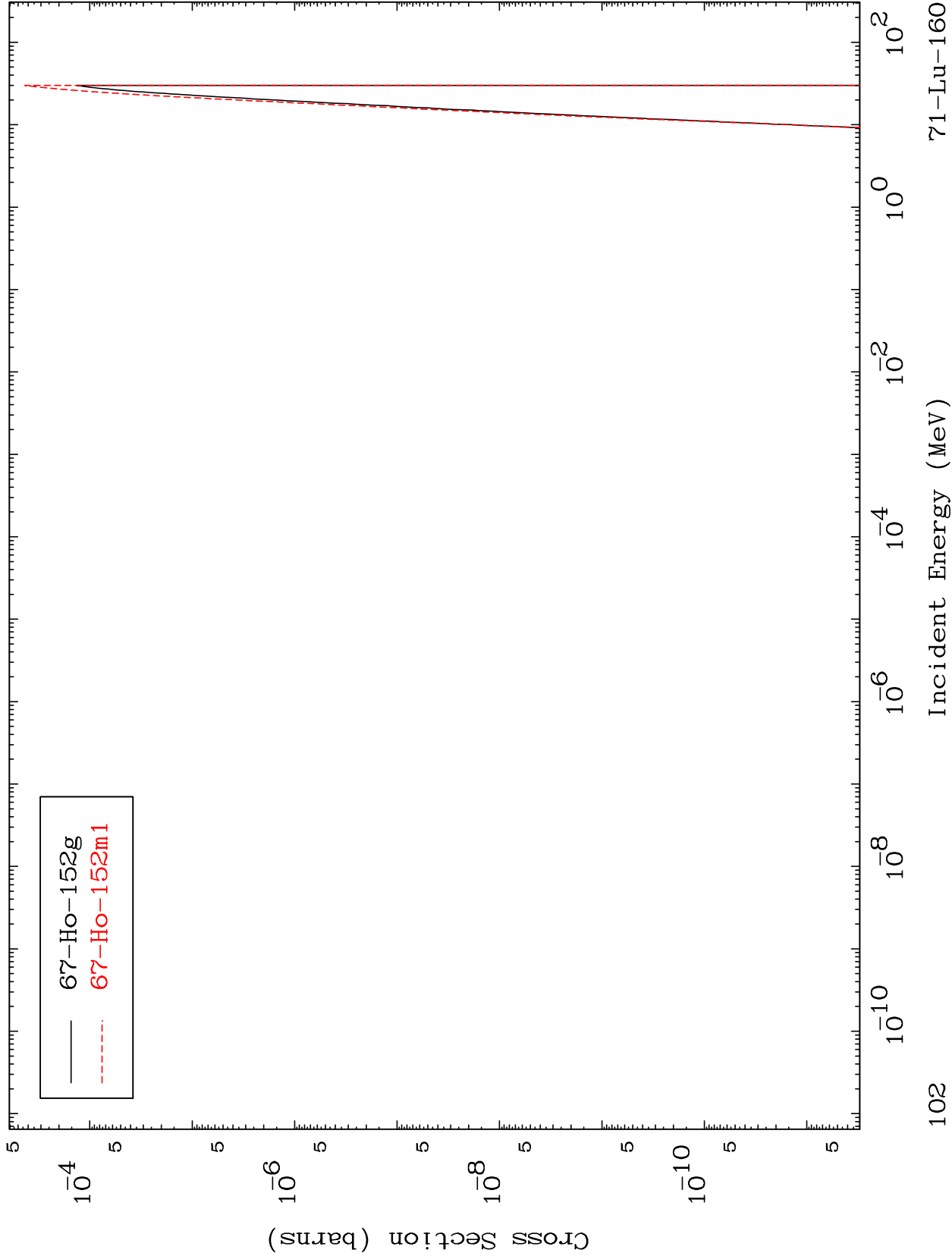
71-Lu-160

MAT 7080

(n,n') 2α

71-Lu-160

Radionuclide Production Cross Section



102

Incident Energy (MeV)

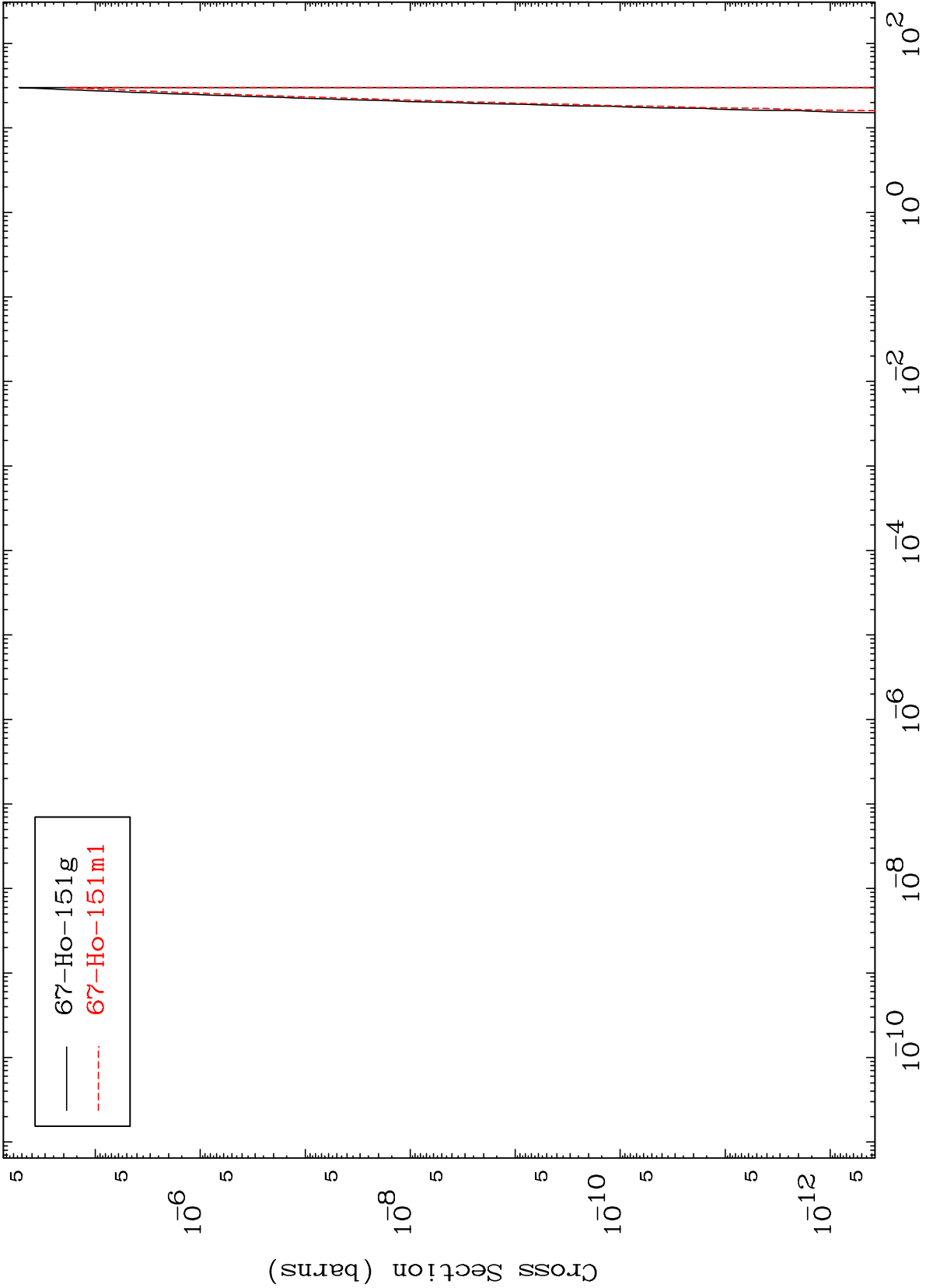
71-Lu-160

MAT 7080

(n,2n) 2α

71-Lu-160

Radionuclide Production Cross Section



103

Incident Energy (MeV)

71-Lu-160

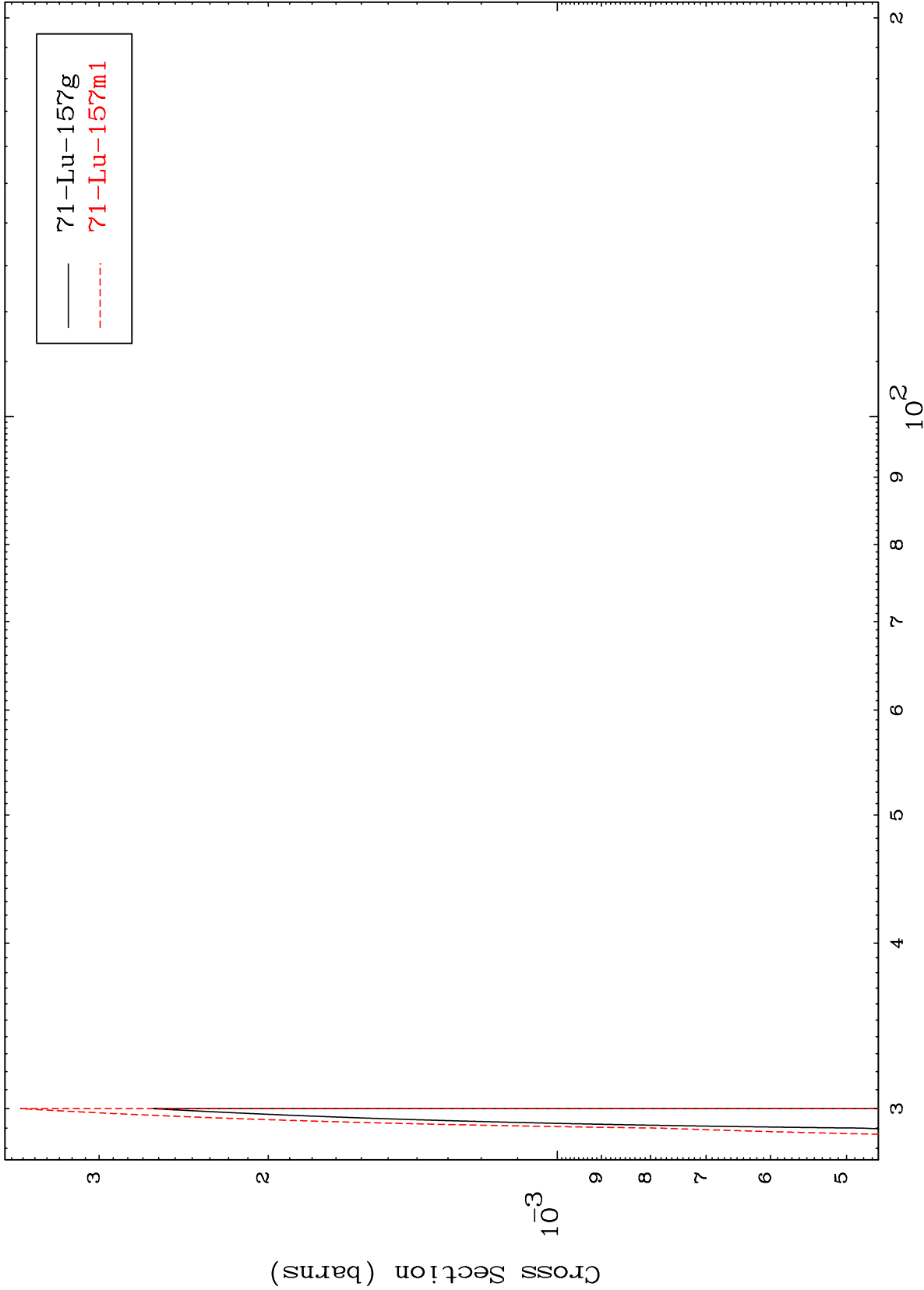


MAT 7080

(n,4n)

<sup>71</sup>Lu-160

Radionuclide Production Cross Section



— <sup>71</sup>Lu-157g  
- - - <sup>71</sup>Lu-157m1

104

Incident Energy (MeV)

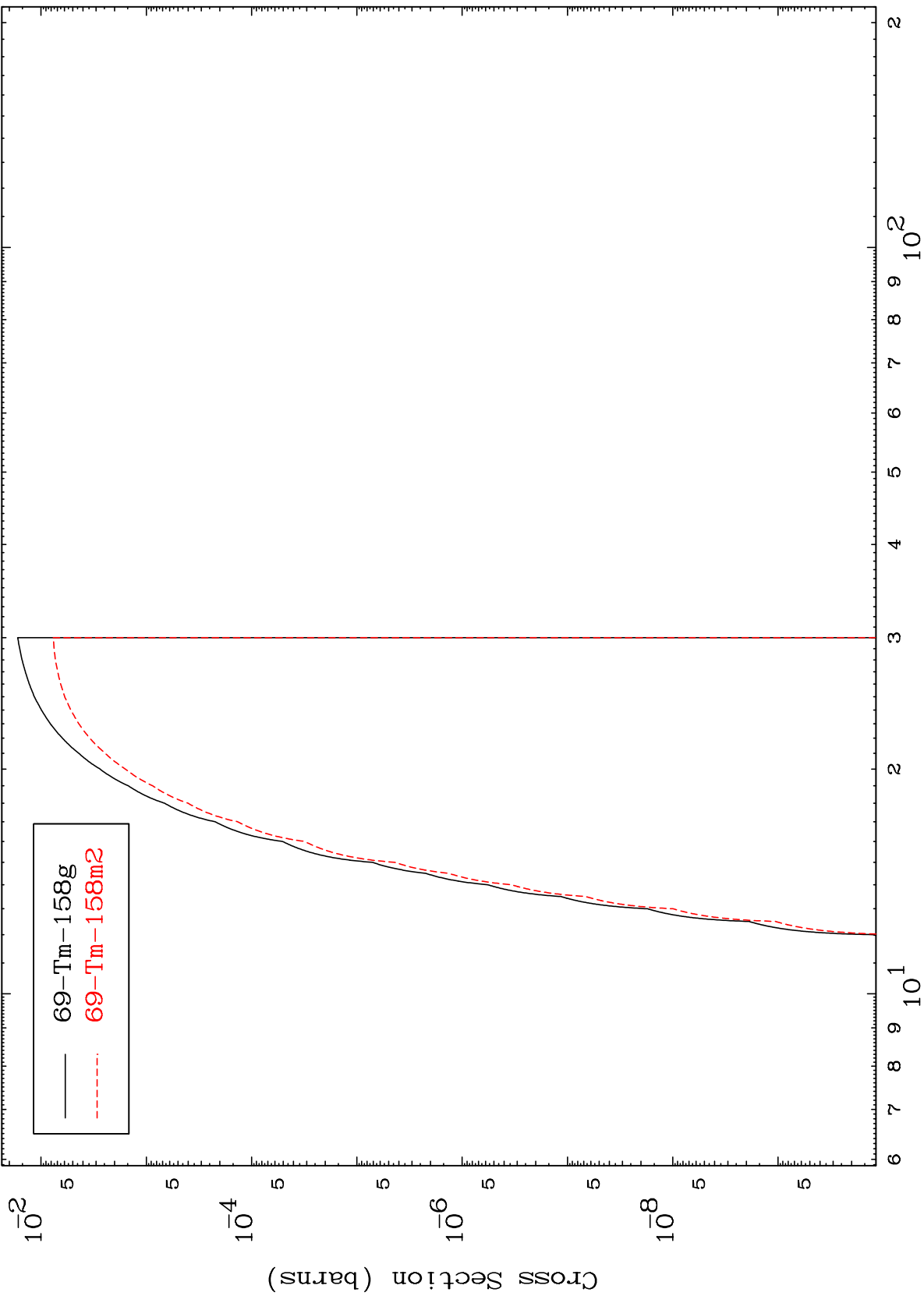
<sup>71</sup>Lu-160

MAT 7080

(n,2n) p

<sup>71</sup>Lu-160

Radionuclide Production Cross Section



105

Incident Energy (MeV)

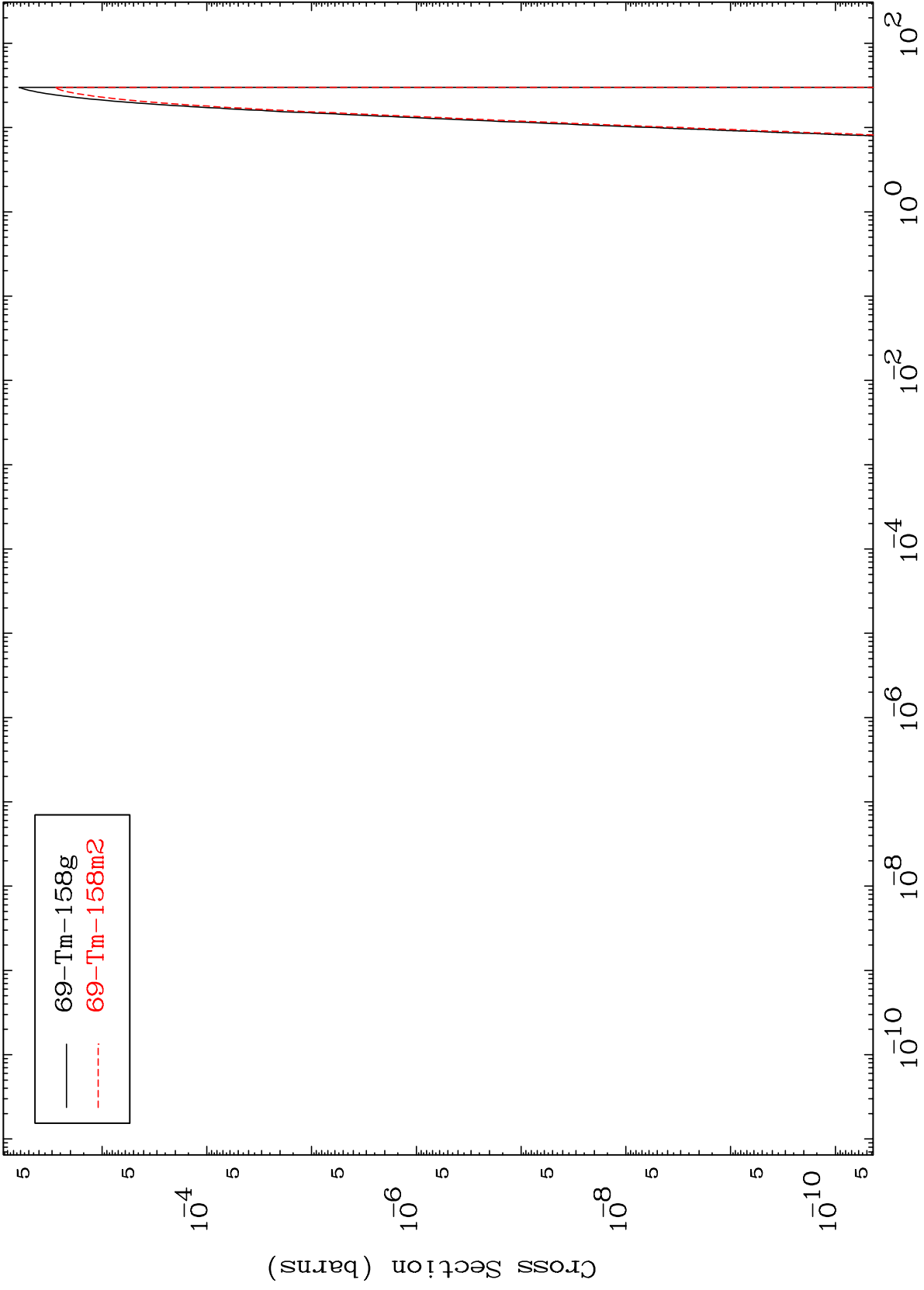
<sup>71</sup>Lu-160

MAT 7080

(n,He-3)

71-Lu-160

Radionuclide Production Cross Section



69-Tm-158g  
69-Tm-158m2

106

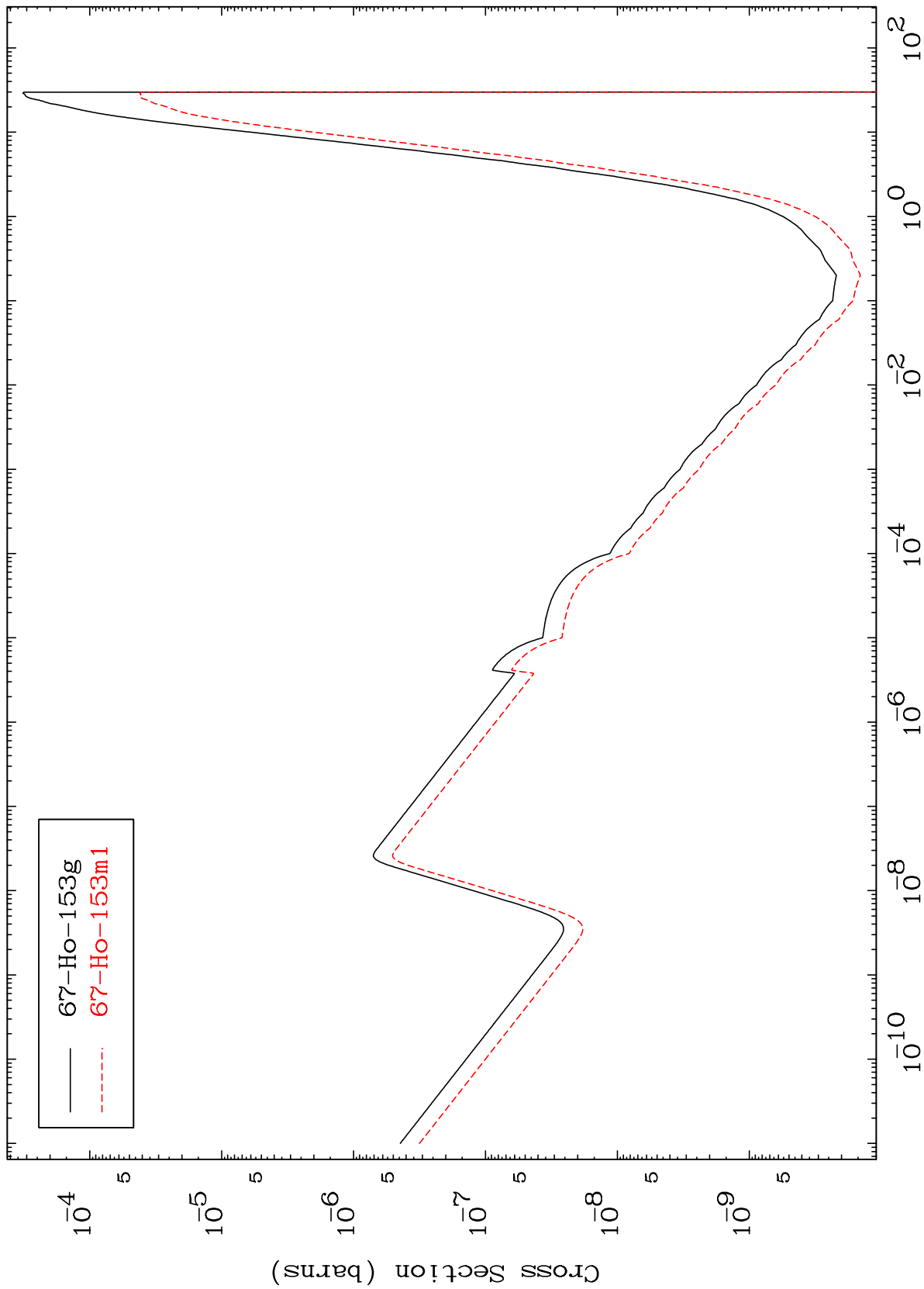
Incident Energy (MeV)

71-Lu-160

MAT 7080

71-Lu-160

Radionuclide Production Cross Section  
(n,2 $\alpha$ )



107

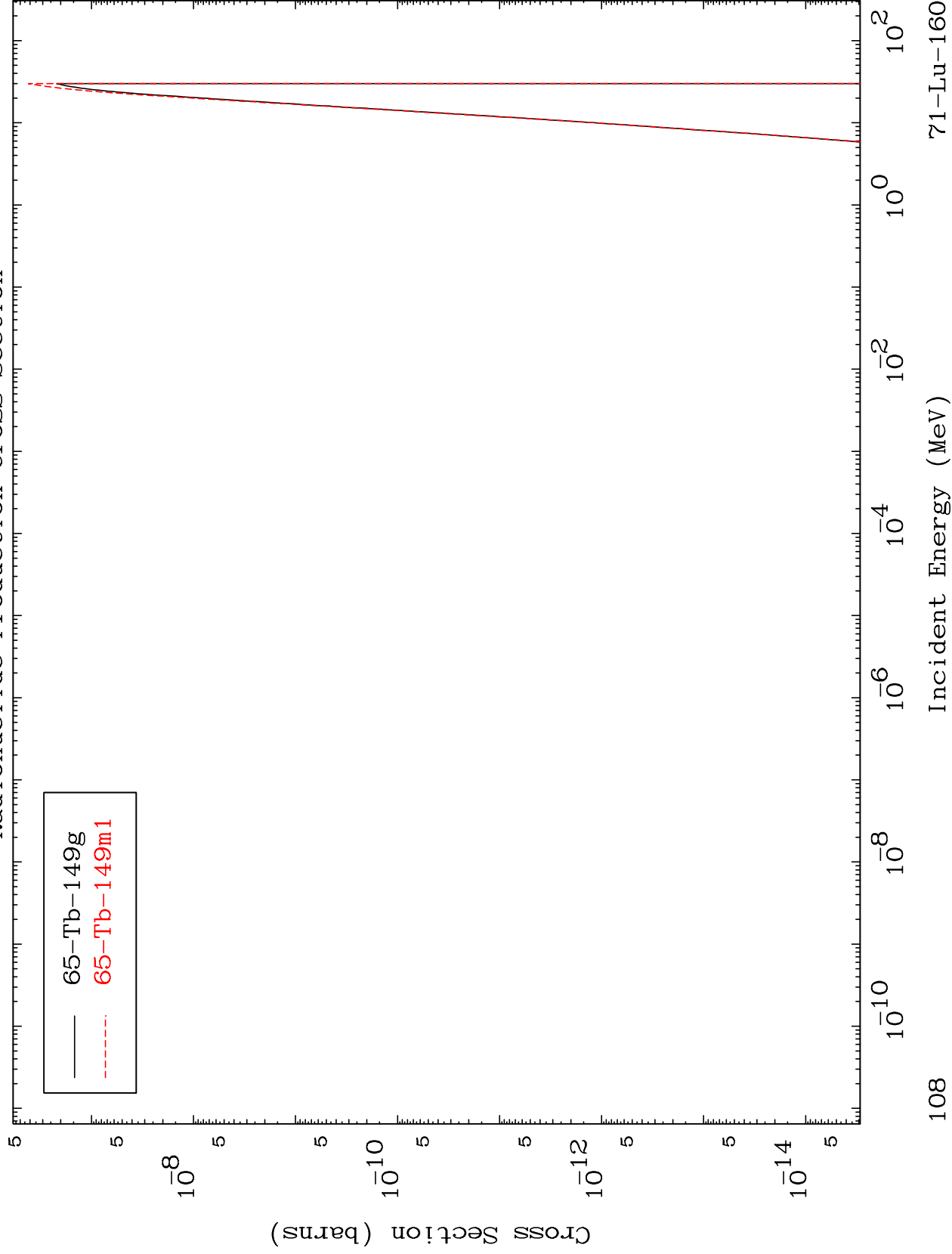
71-Lu-160

MAT 7080

(n, 3 $\alpha$ )

<sup>71</sup>Lu-160

Radionuclide Production Cross Section



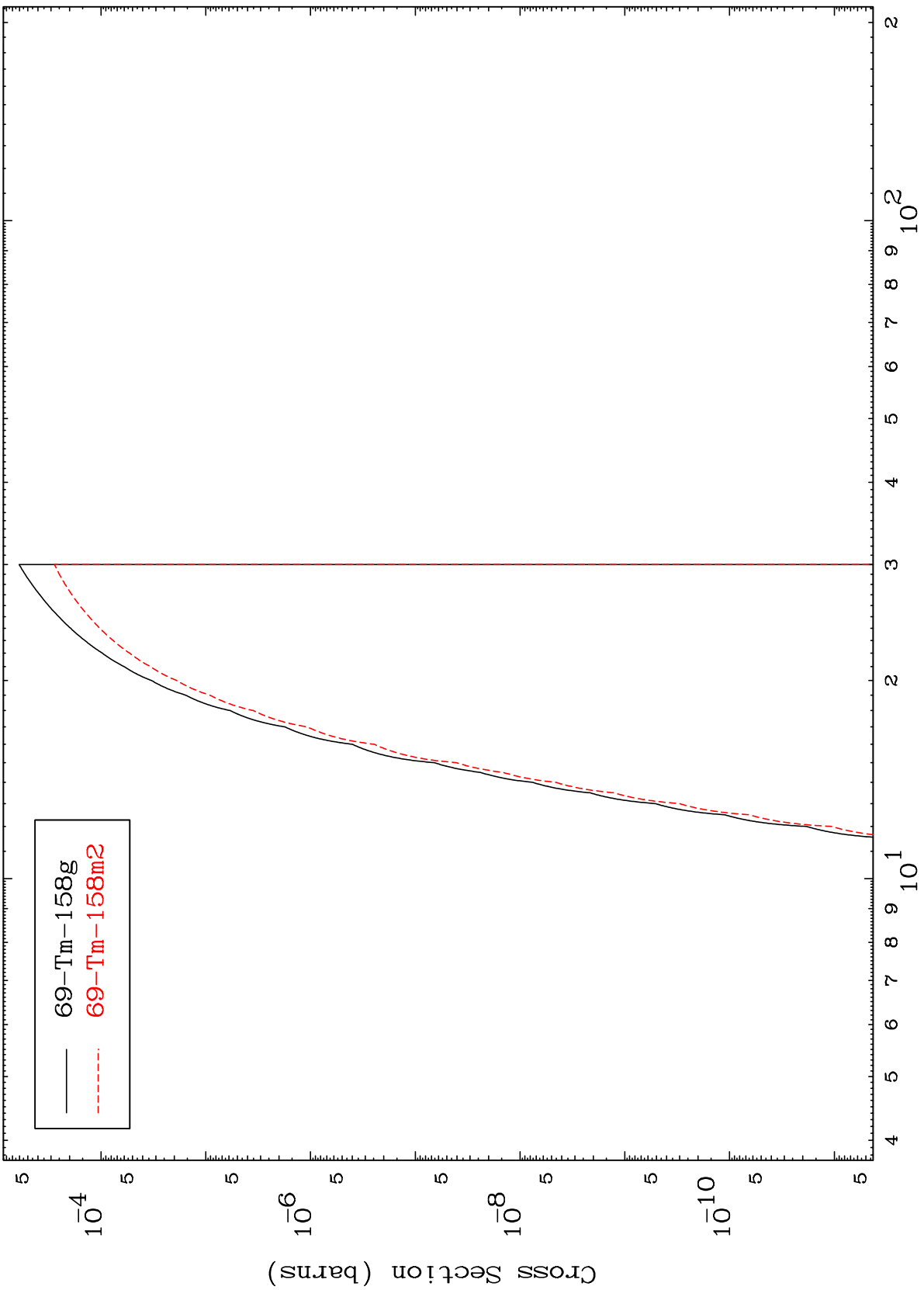
108

MAT 7080

(n,p) d

71-Lu-160

Radionuclide Production Cross Section



69-Tm-158g  
69-Tm-158m2

109

Incident Energy (MeV)

71-Lu-160