

Program EVALPLOT  
(Version 2021-1)

by

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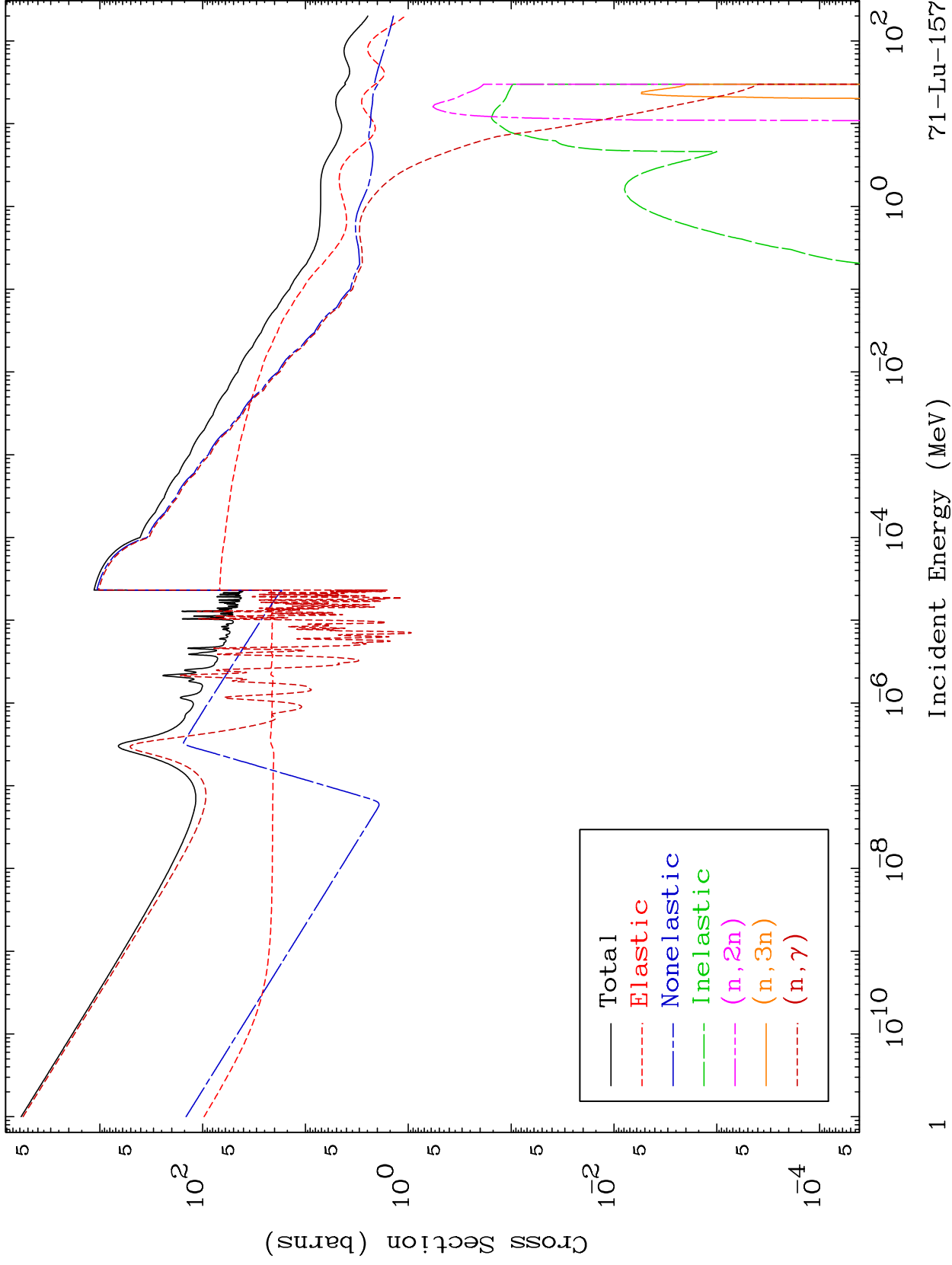
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Press Mouse Button to Start

MAT 7071

Neutron Major  
293 Kelvin Cross Sections

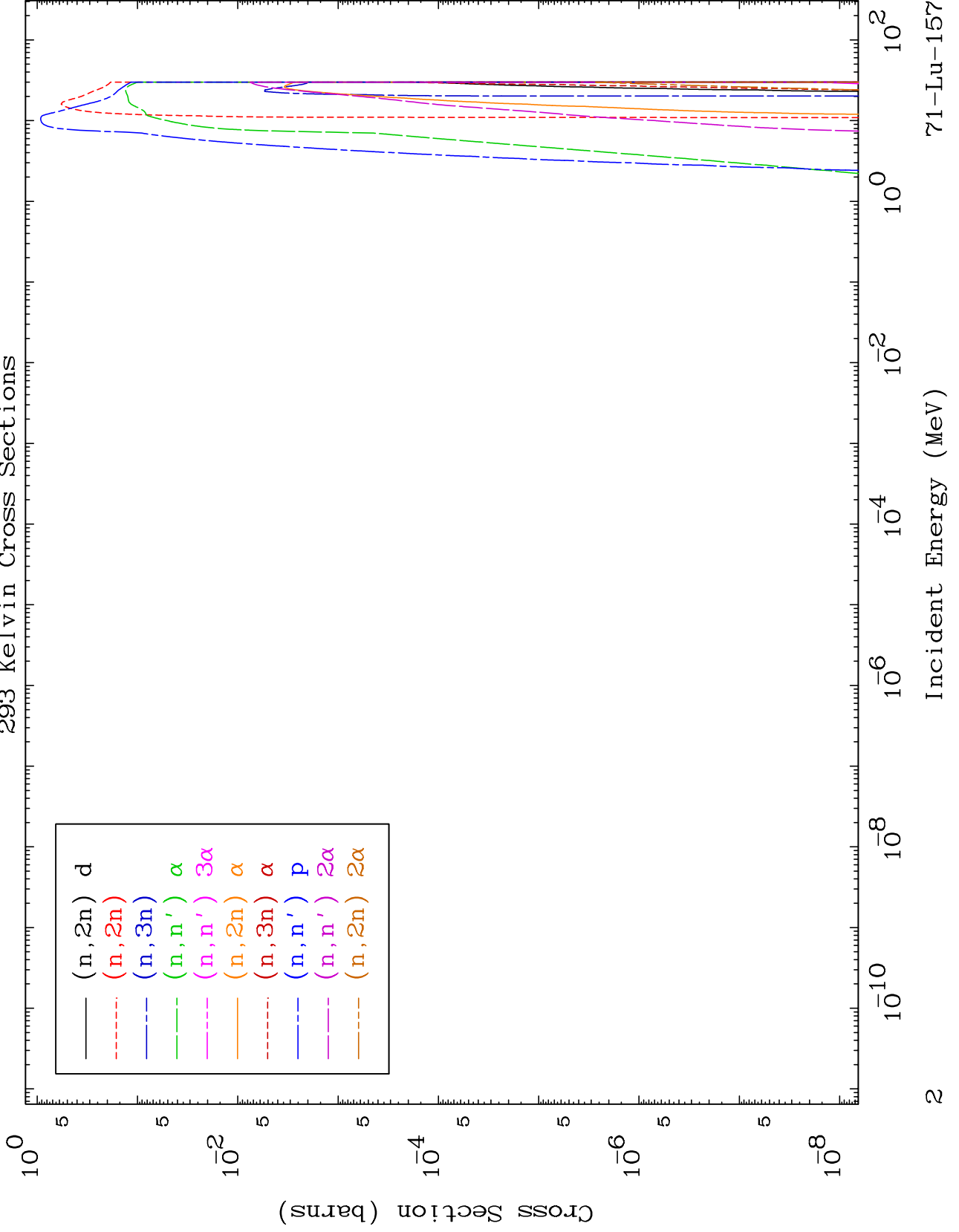
71-Lu-157

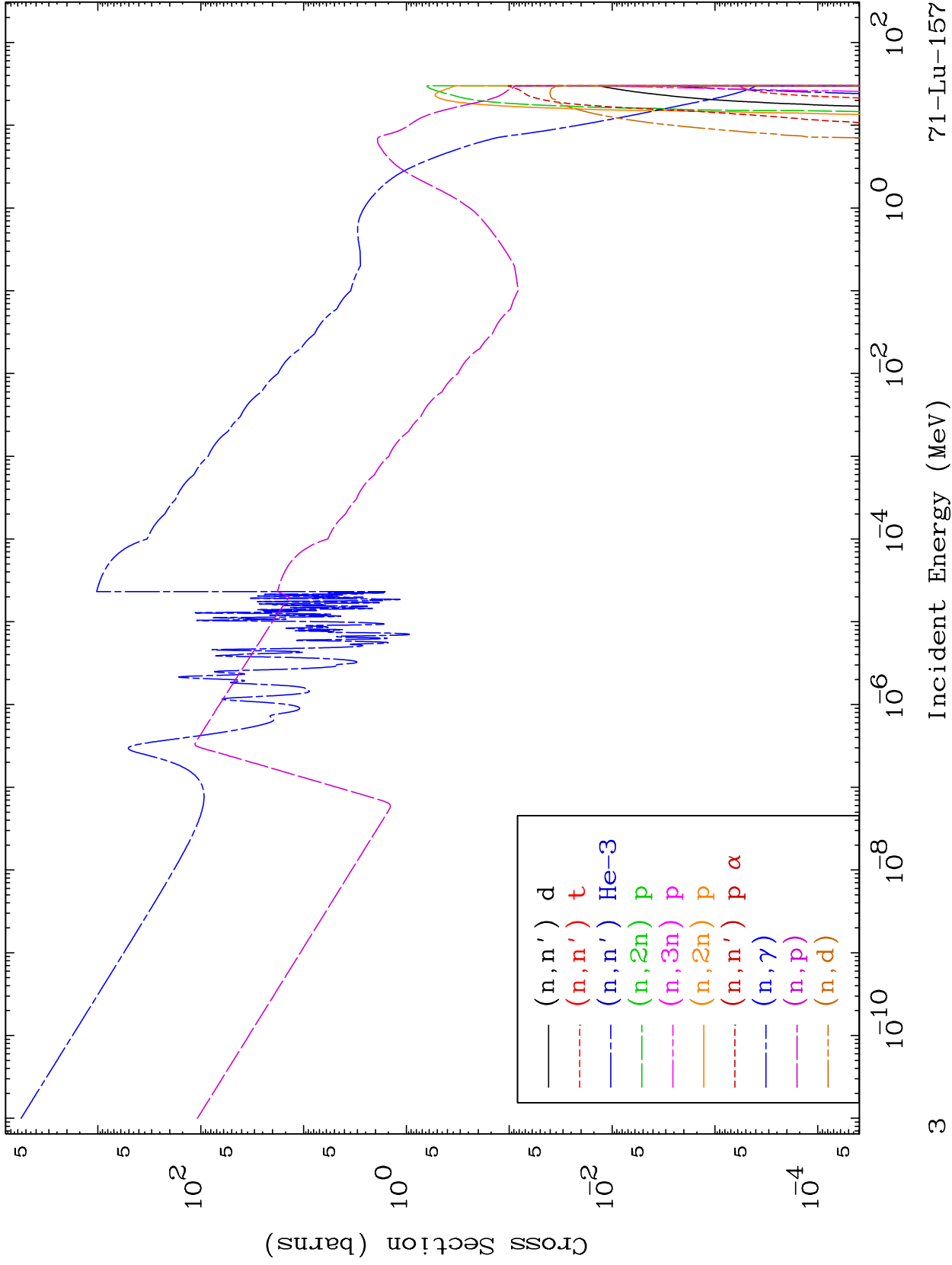


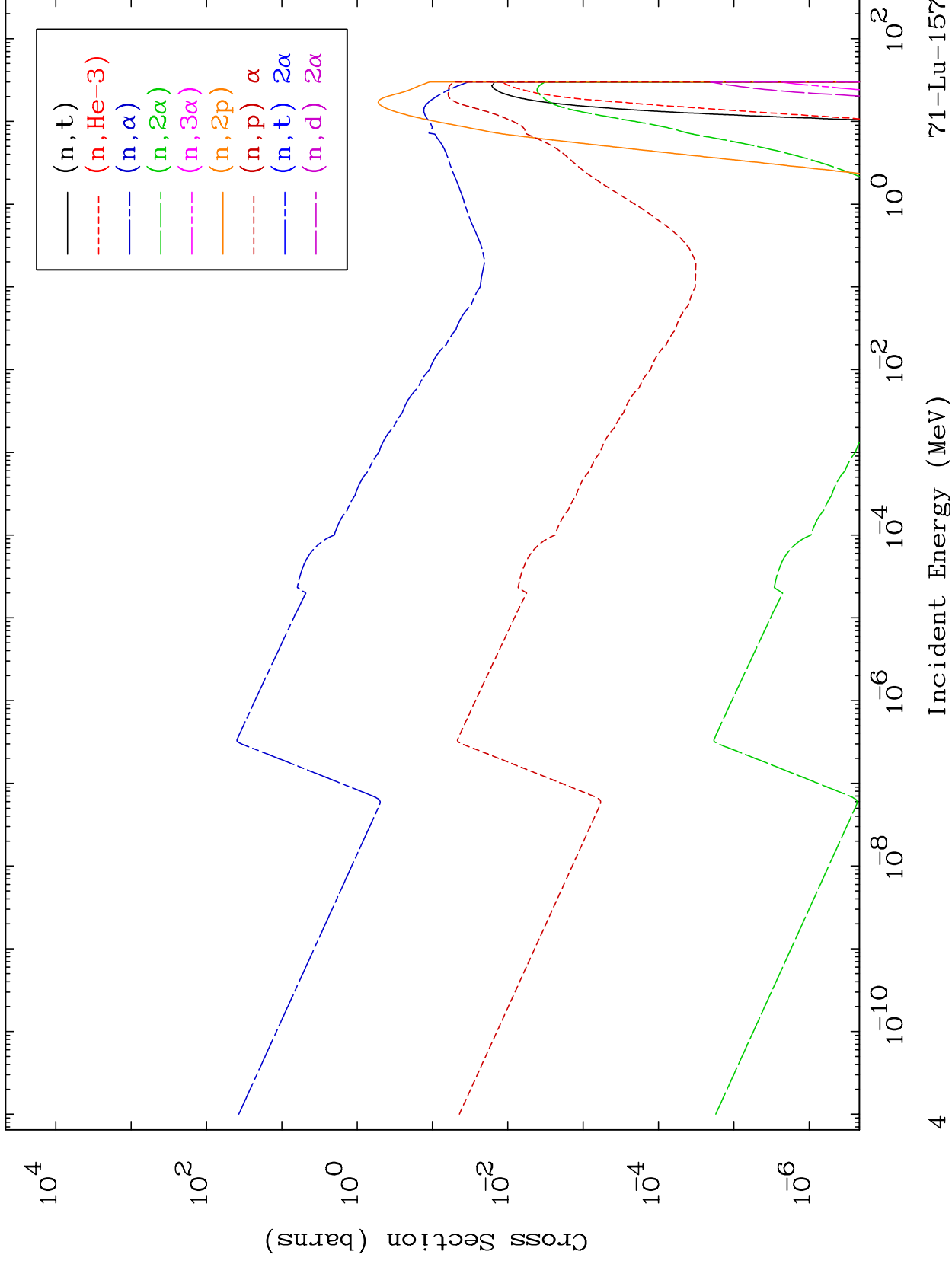
MAT 7071

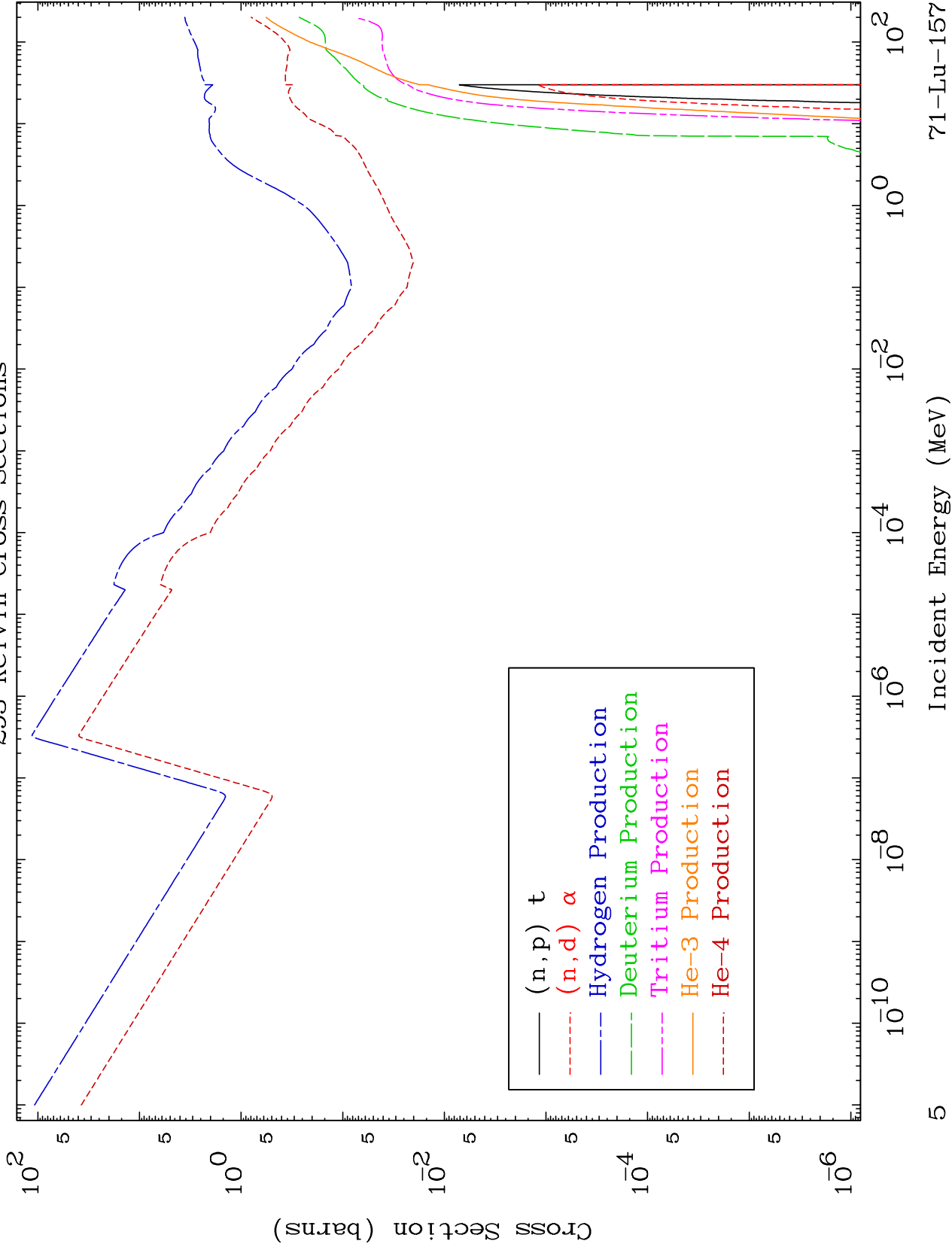
Neutron Absorption  
293 Kelvin Cross Sections

71-Lu-157





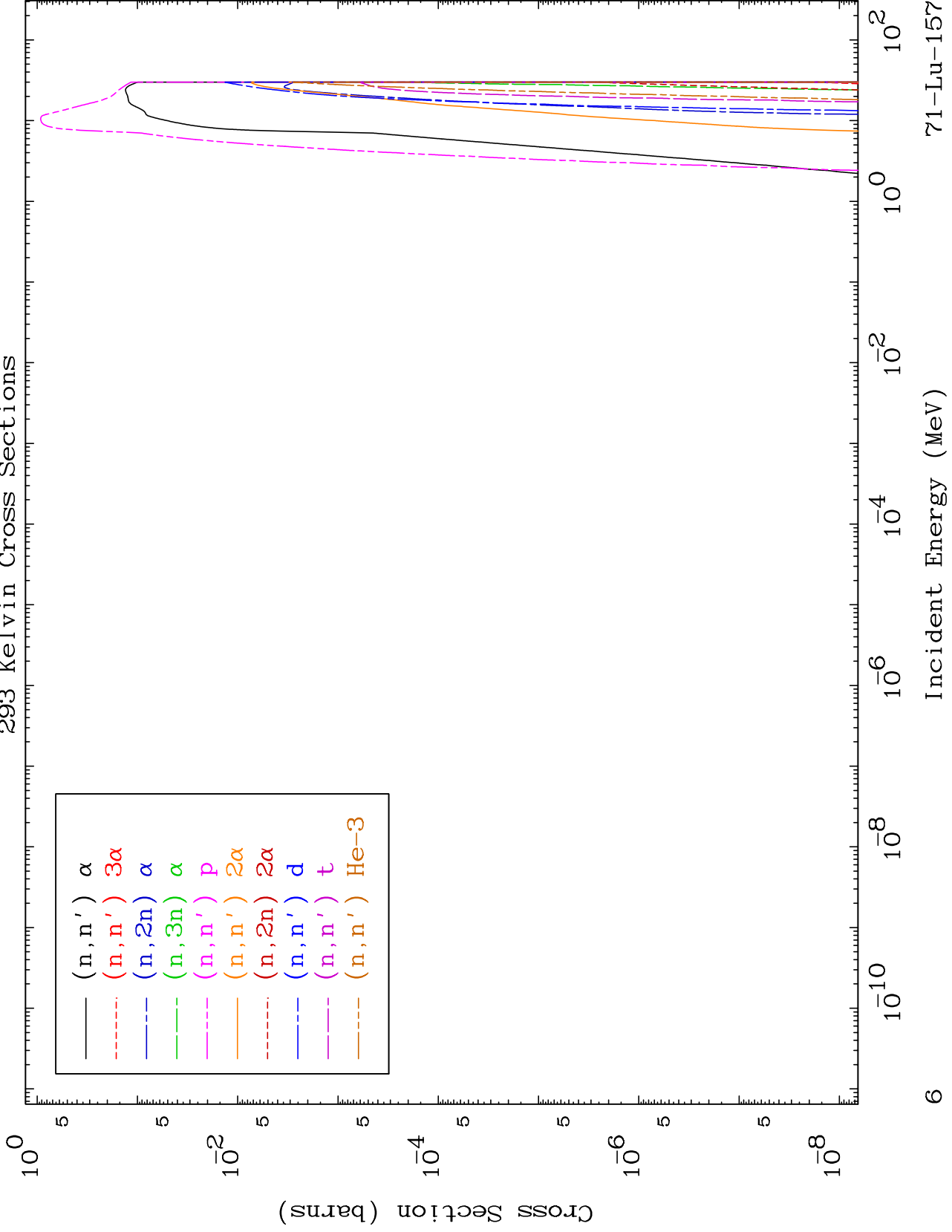


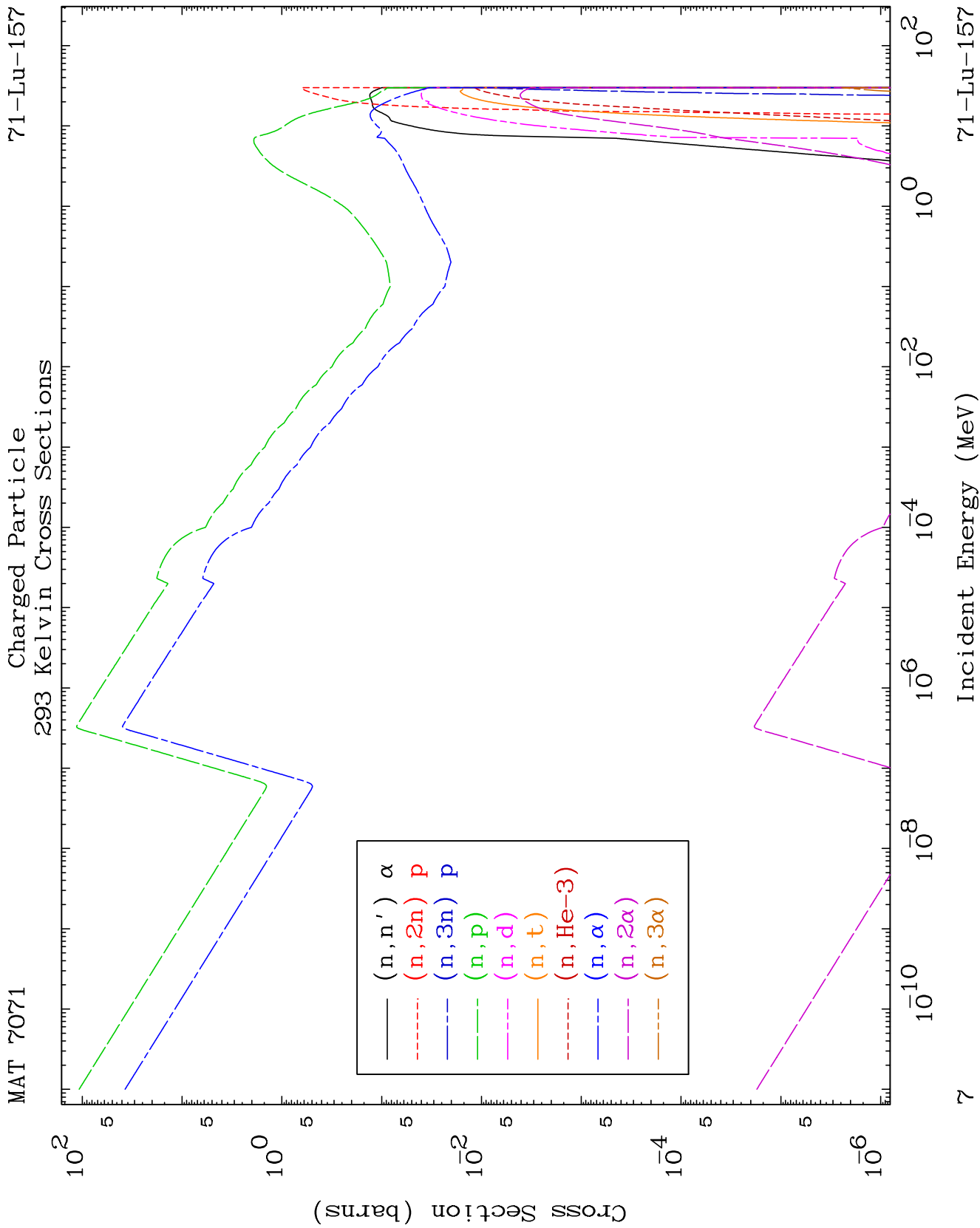


MAT 7071

Charged Particle  
293 Kelvin Cross Sections

71-Lu-157

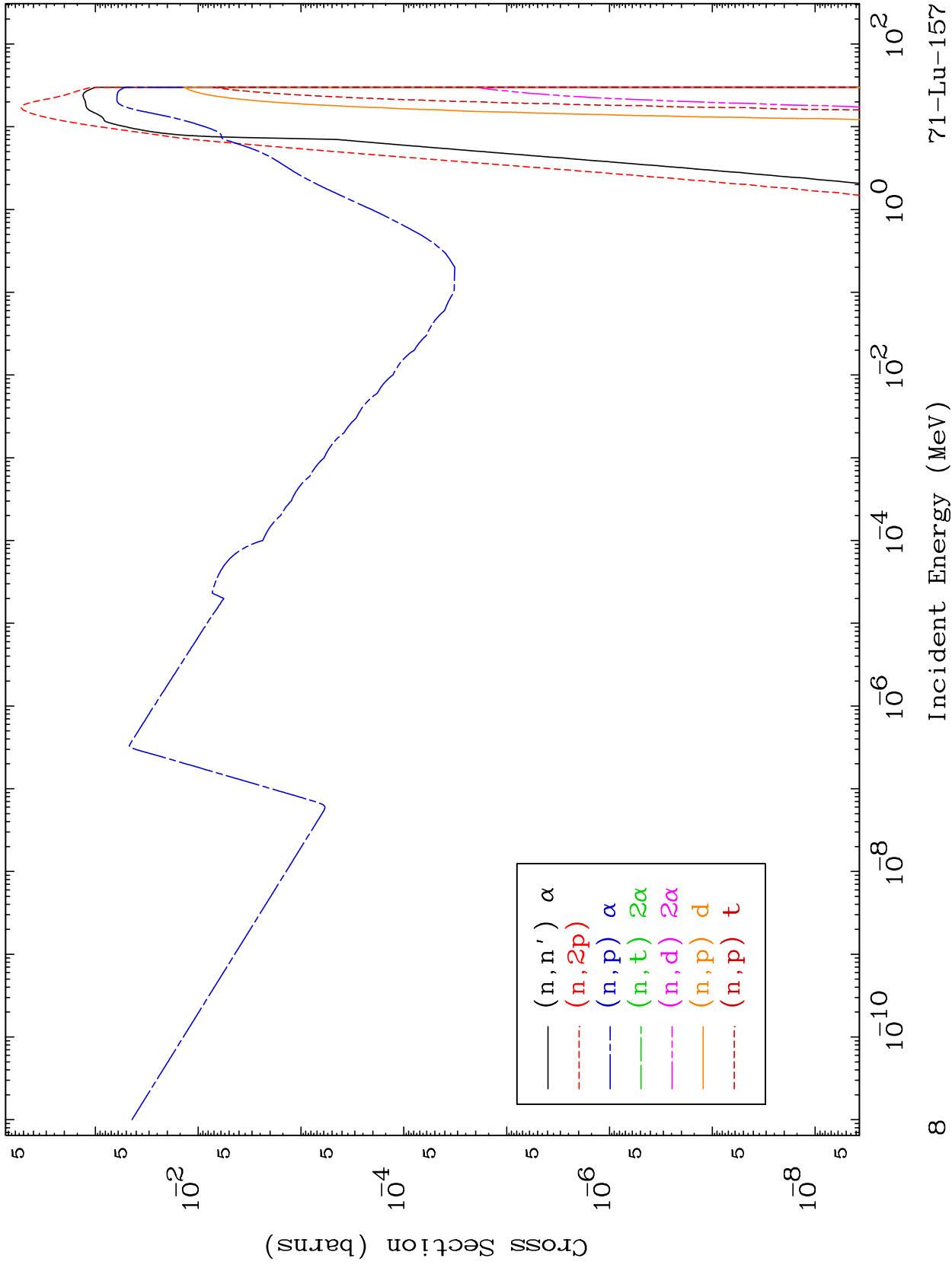




MAT 7071

Charged Particle  
293 Kelvin Cross Sections

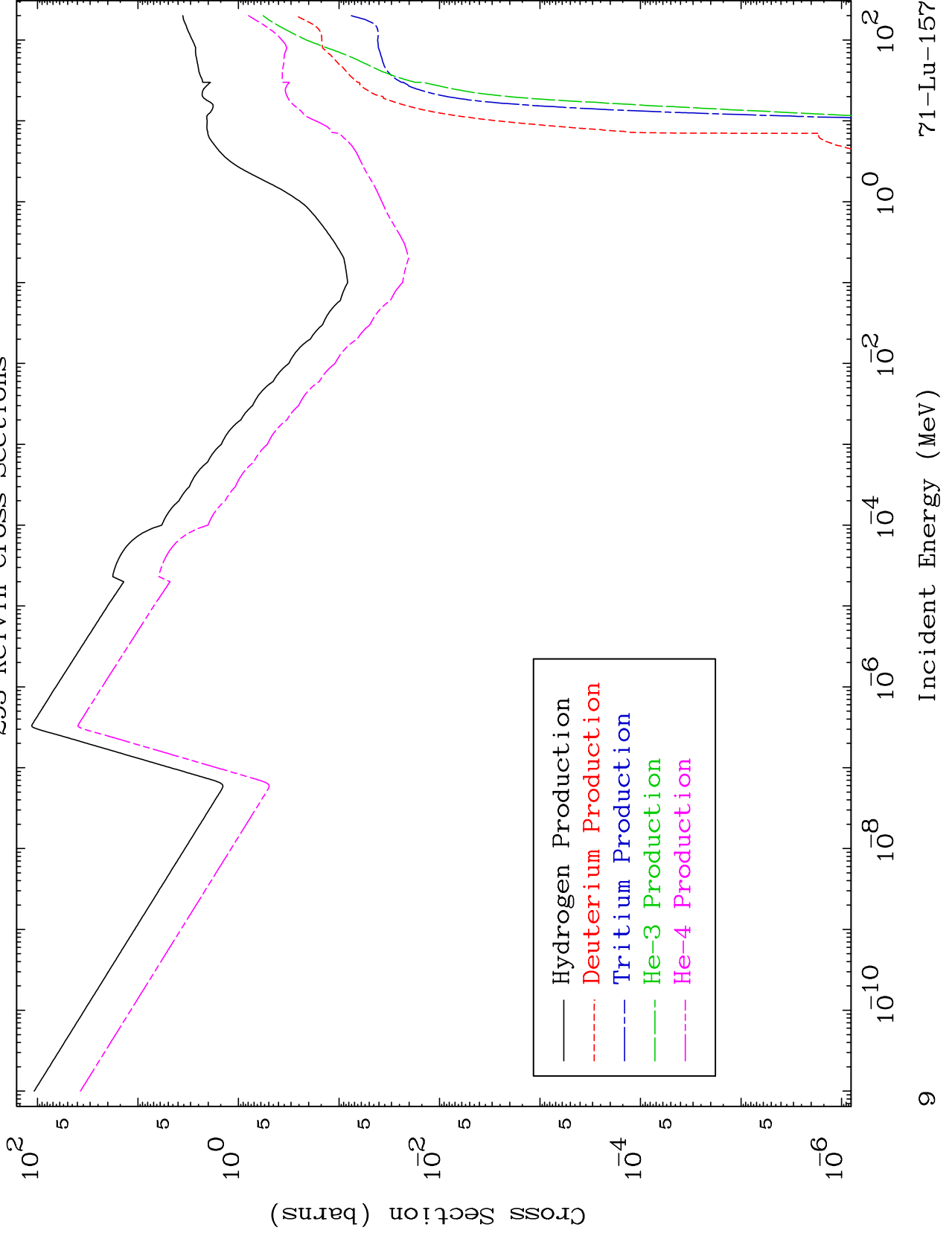
71-Lu-157



MAT 7071

Particle Production  
293 Kelvin Cross Sections

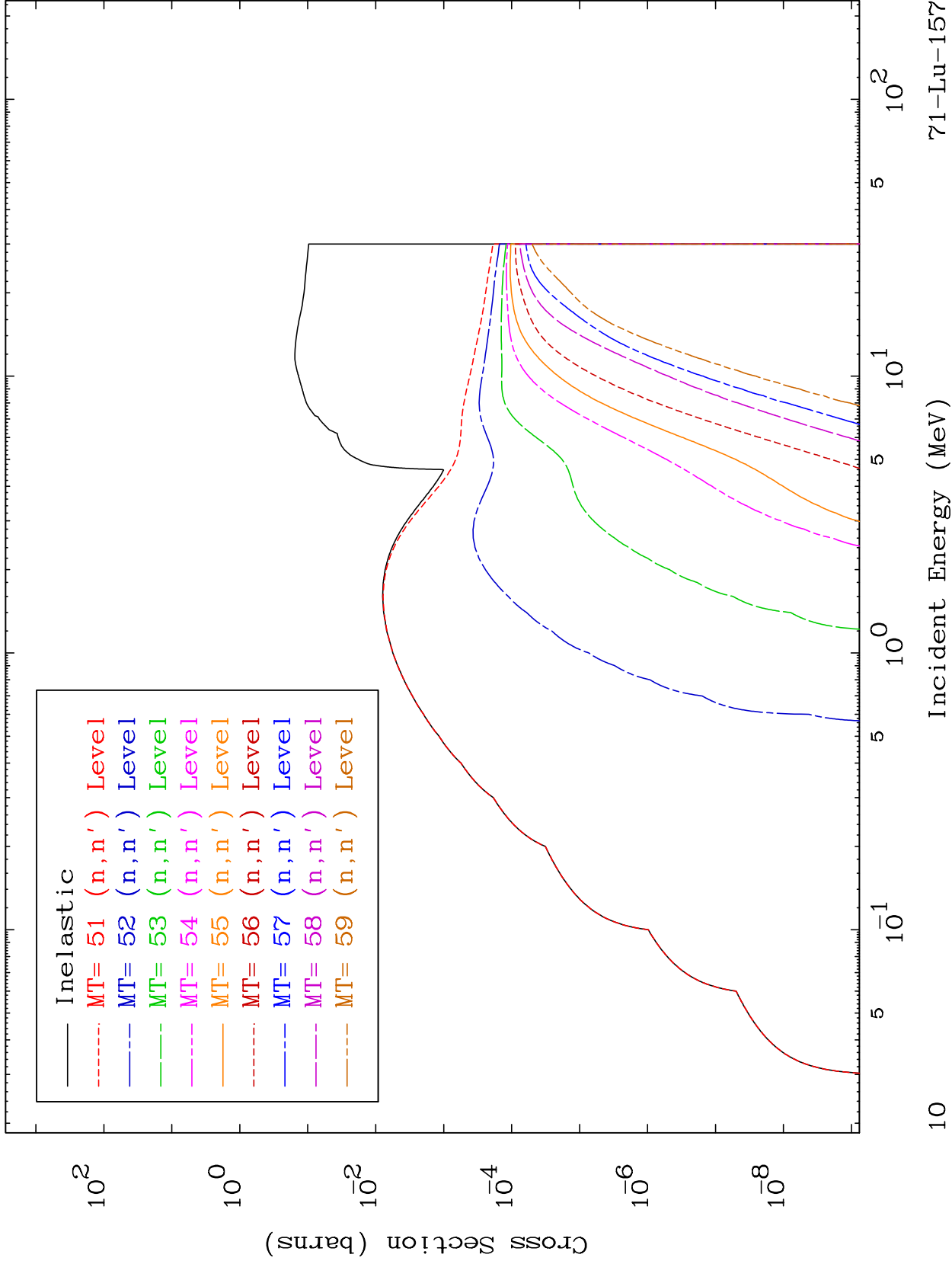
71-Lu-157



MAT 7071

293 Kelvin Cross Sections  
(n,n') Levels

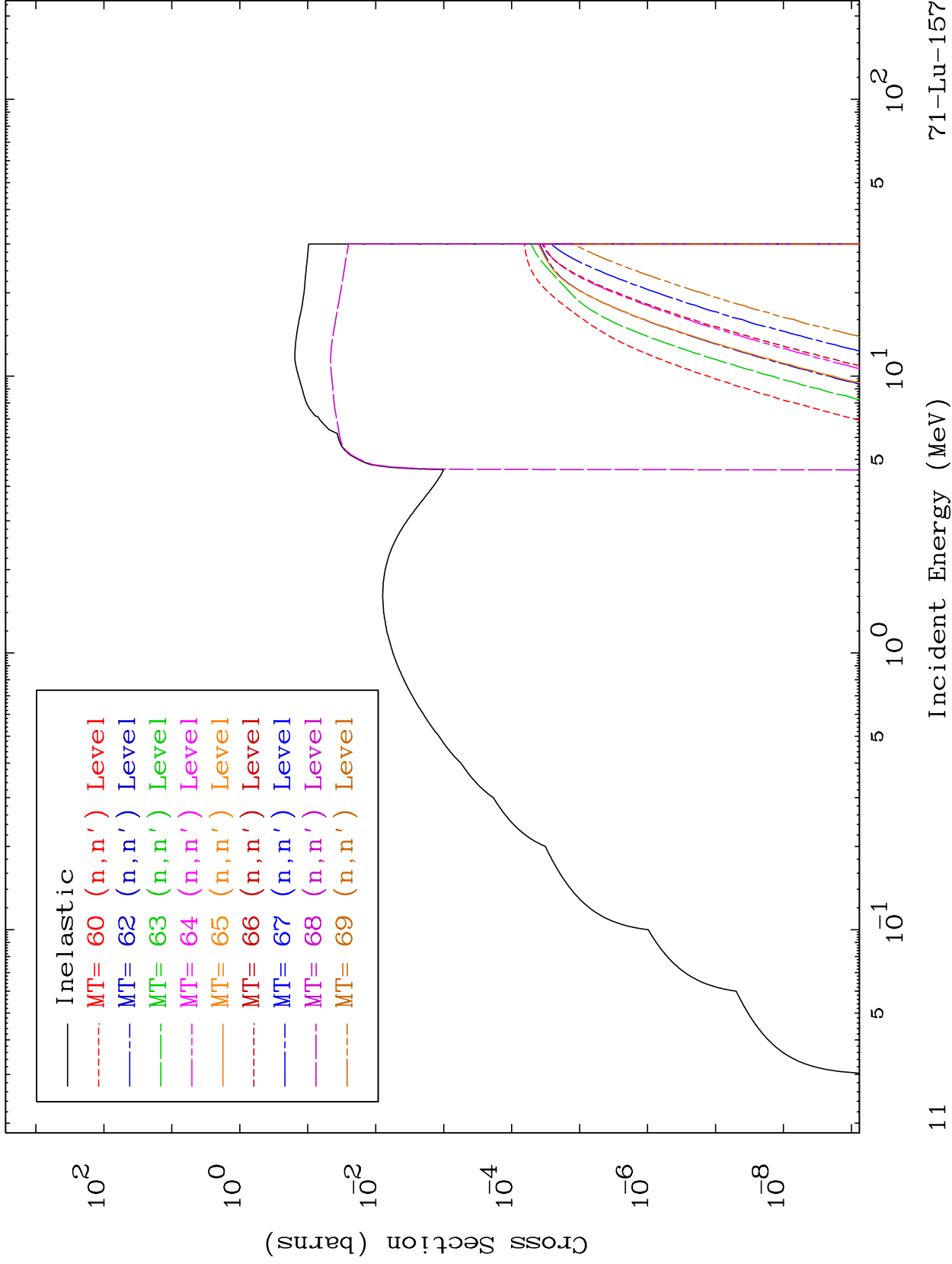
71-Lu-157



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Incident Energy (MeV)

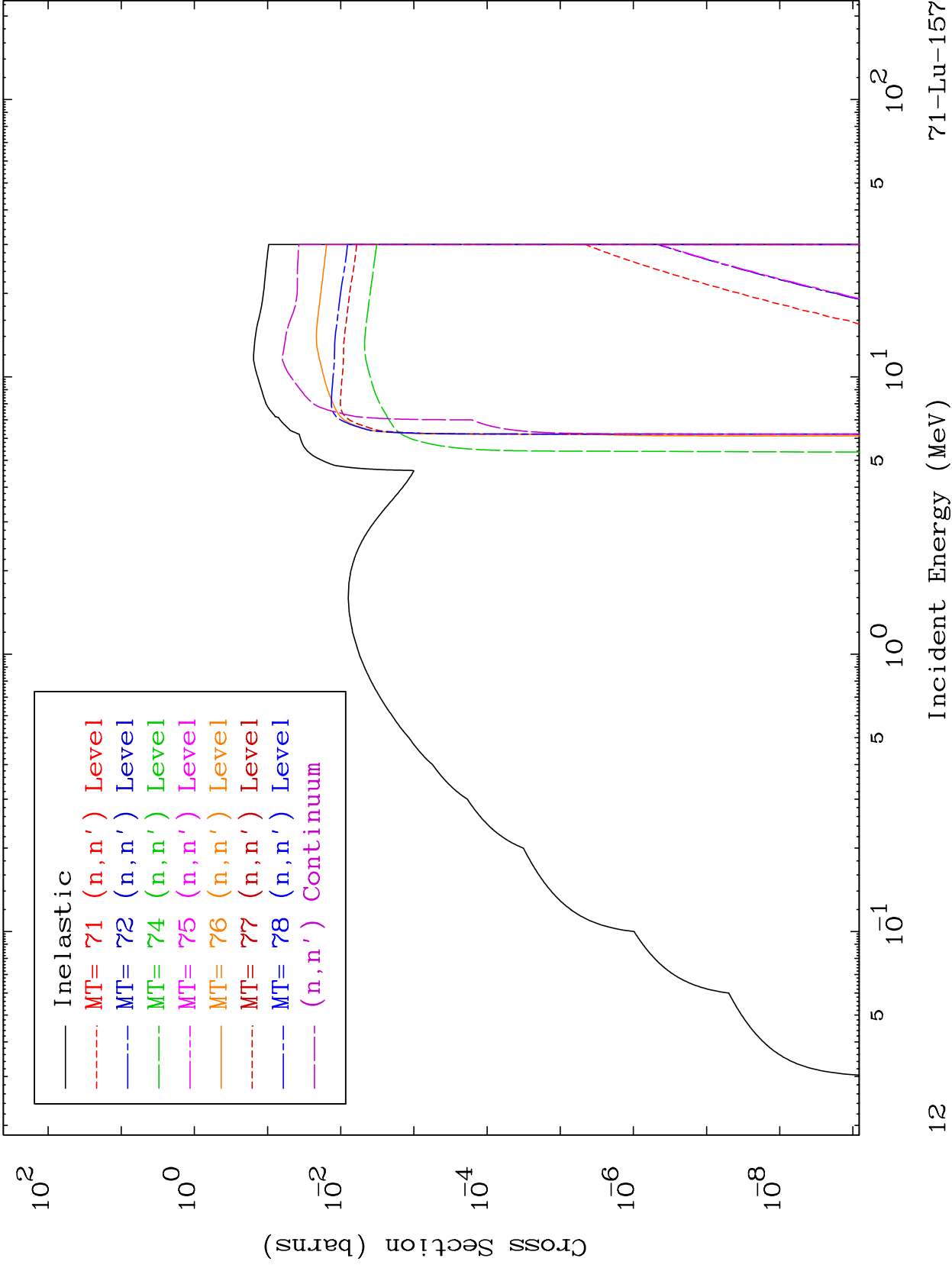
71-Lu-157



MAT 7071

293 (n,n') Levels

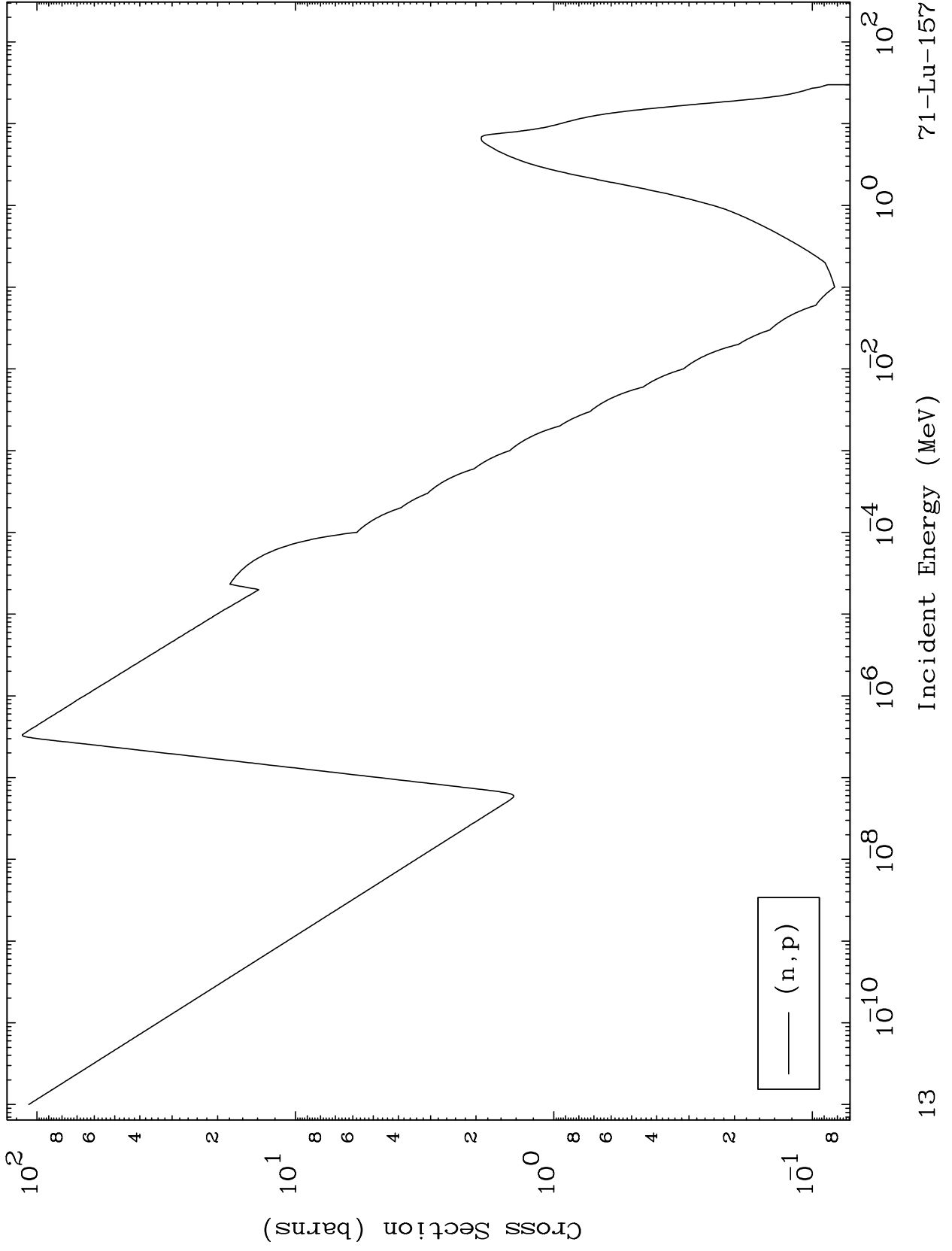
71-Lu-157



MAT 7071

(n,p) Levels  
293 Kelvin Cross Sections

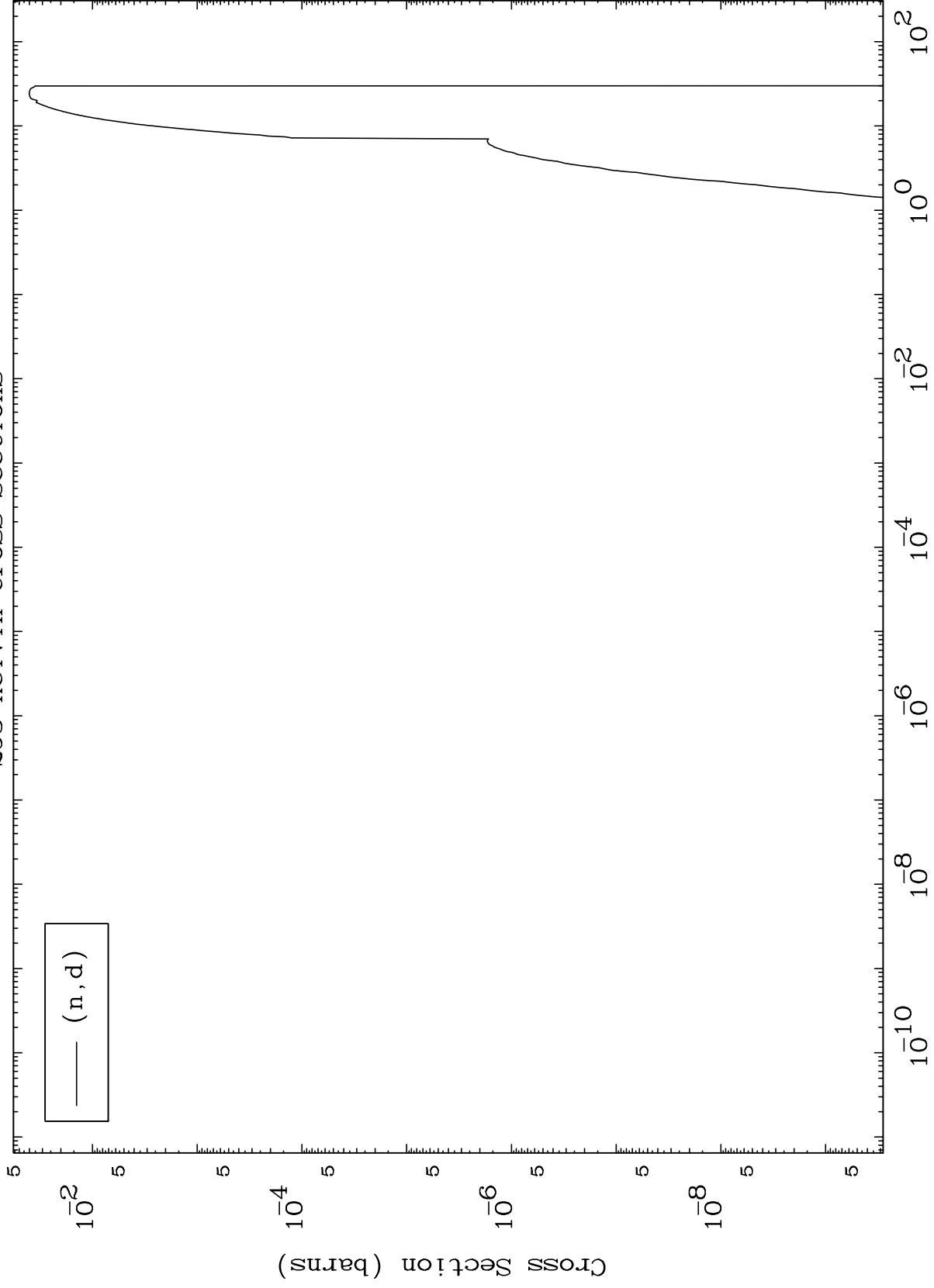
71-Lu-157



MAT 7071

(n,d) Levels  
293 Kelvin Cross Sections

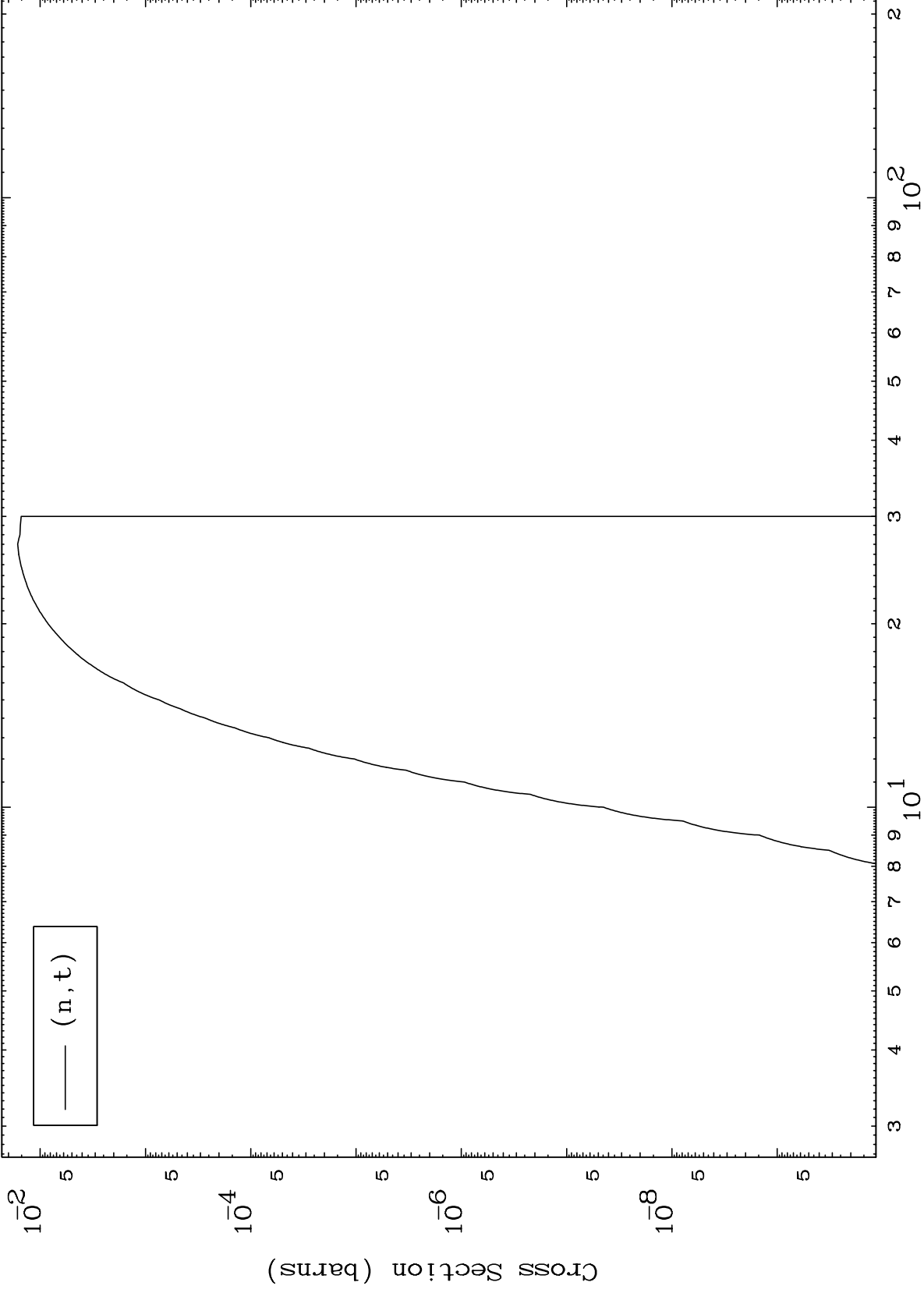
71-Lu-157



MAT 7071

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-157



15

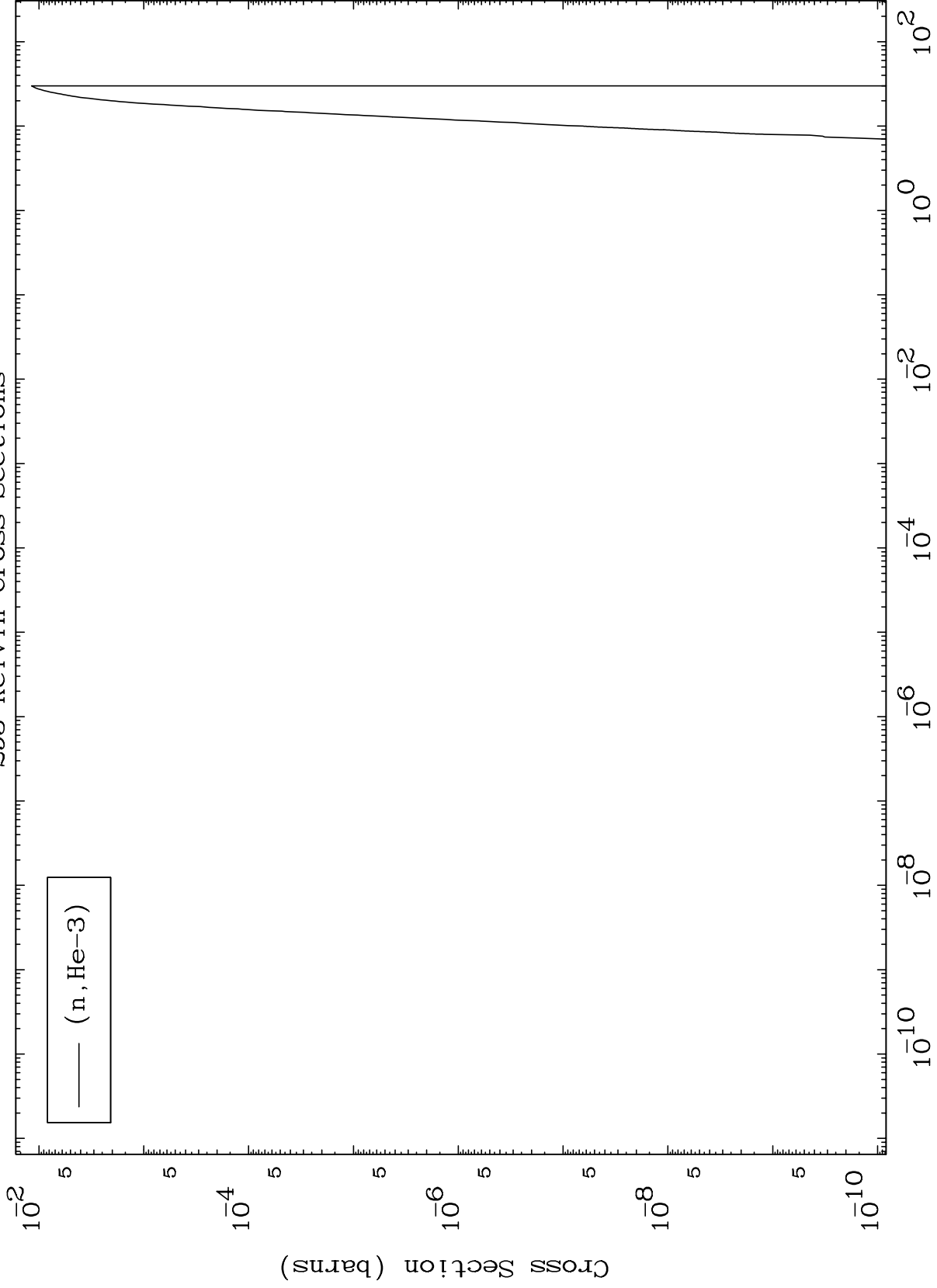
Incident Energy (MeV)

71-Lu-157

MAT 7071

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-157



16

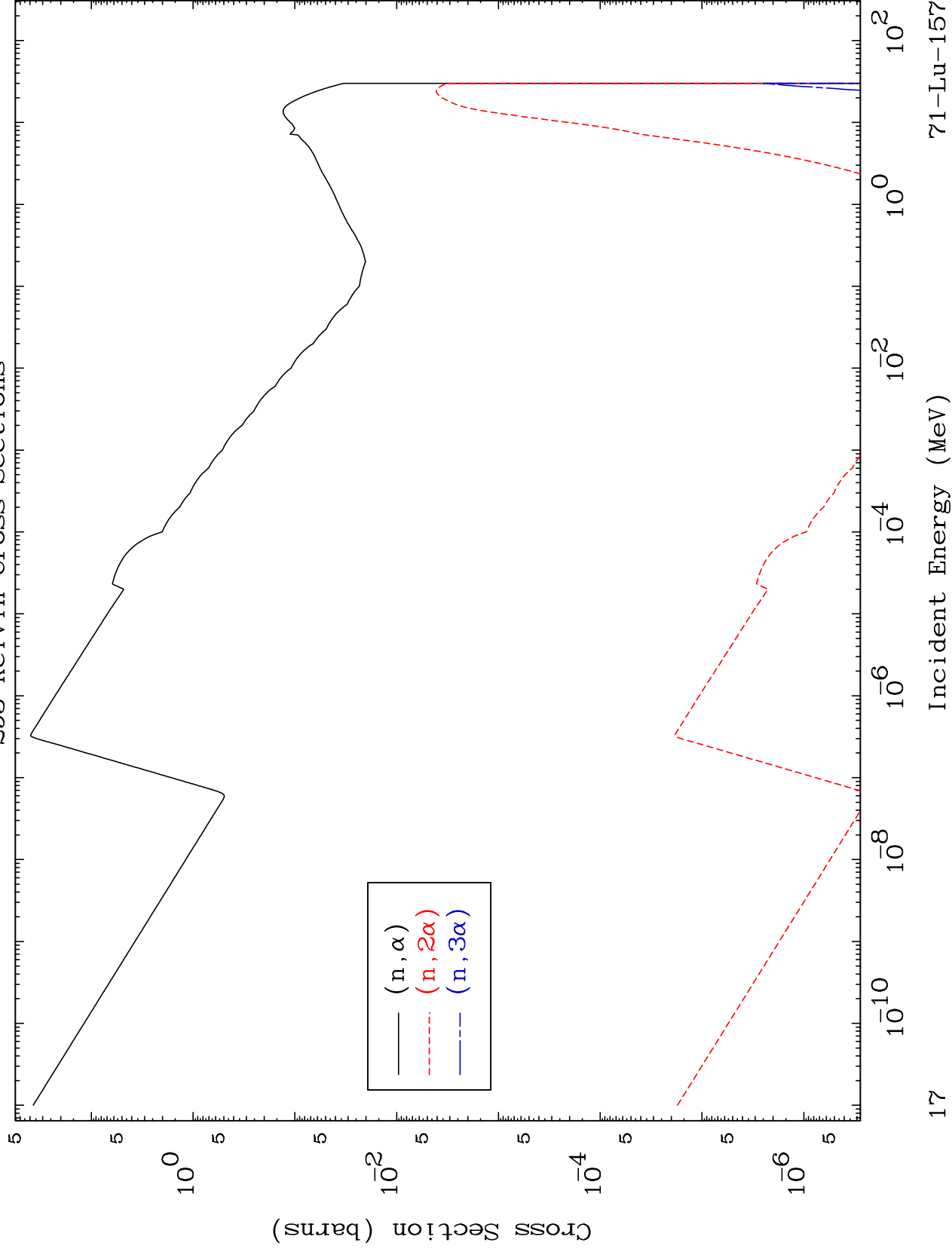
Incident Energy (MeV)

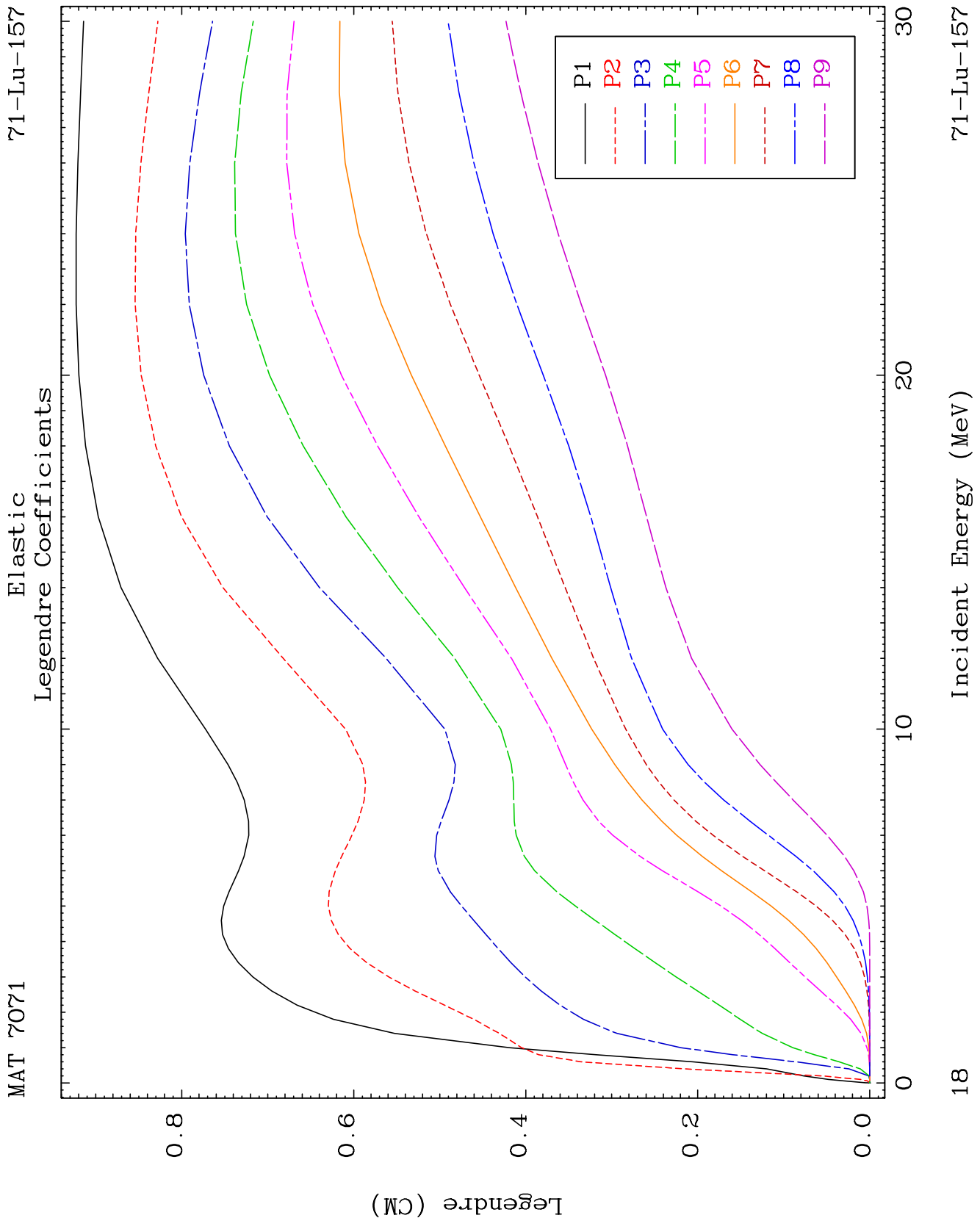
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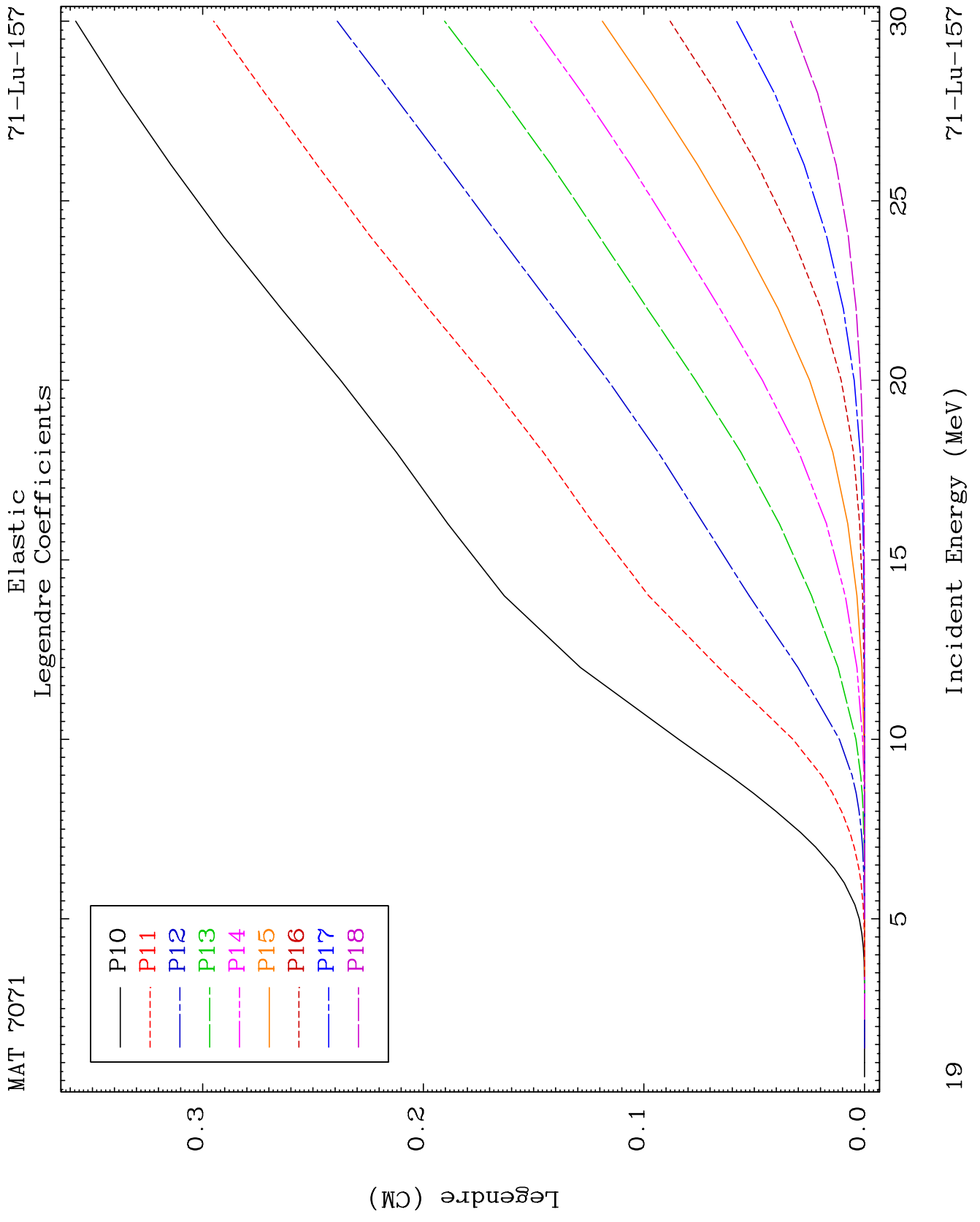
MAT 7071

(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-157







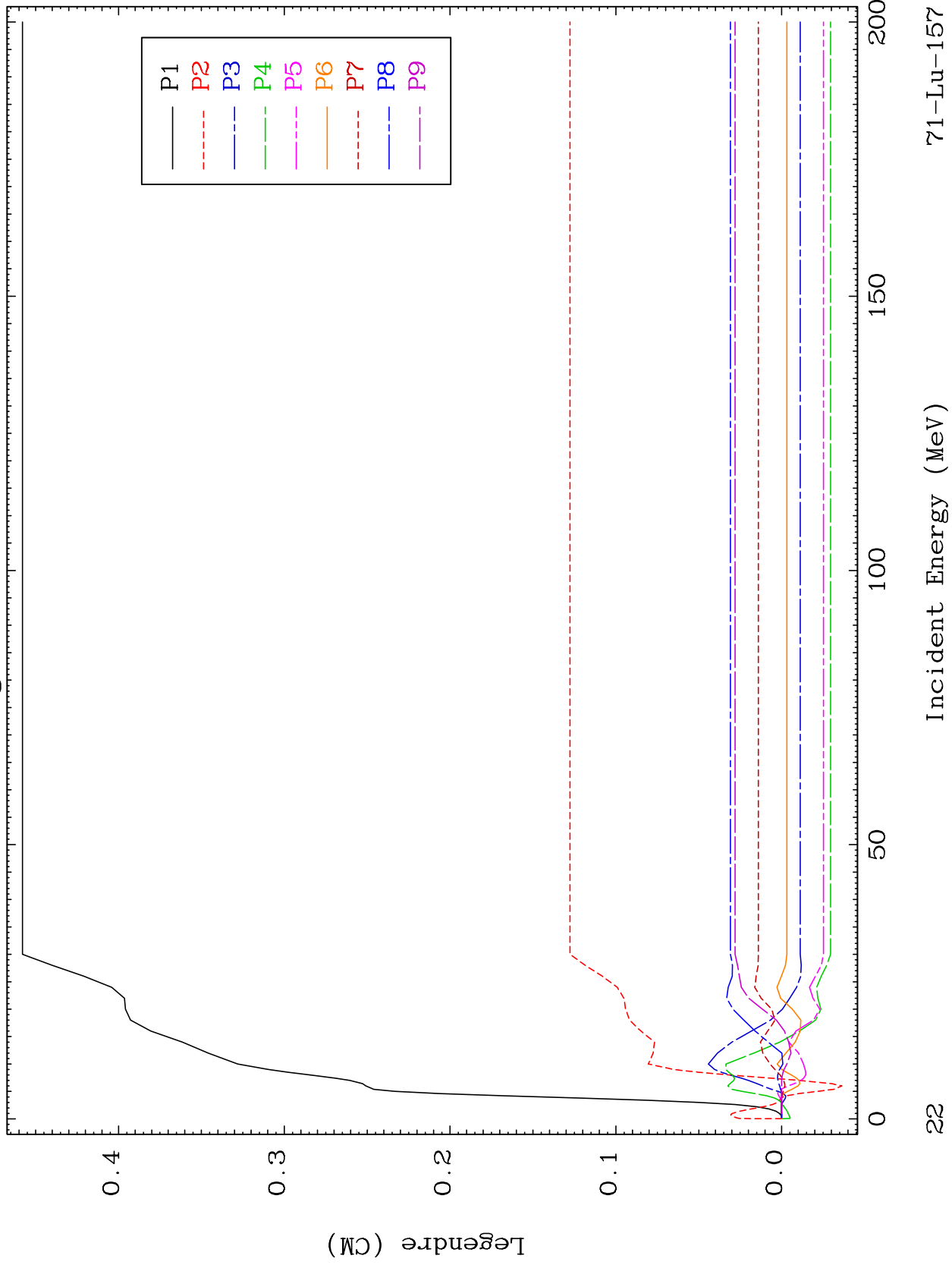




MAT 7071

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

71-Lu-157



71-Lu-157

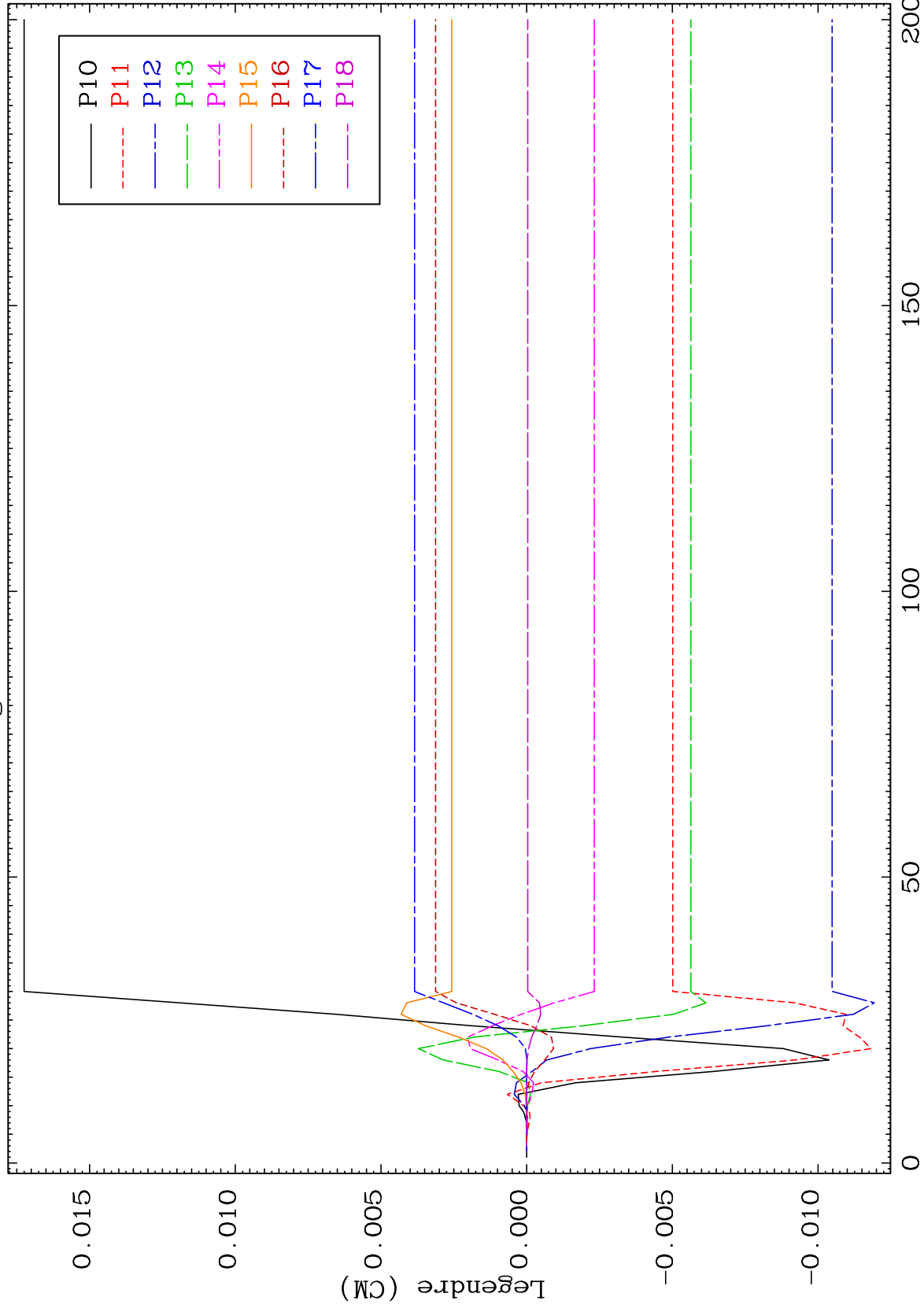
Incident Energy (MeV)

22

MAT 7071

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

71-Lu-157



23

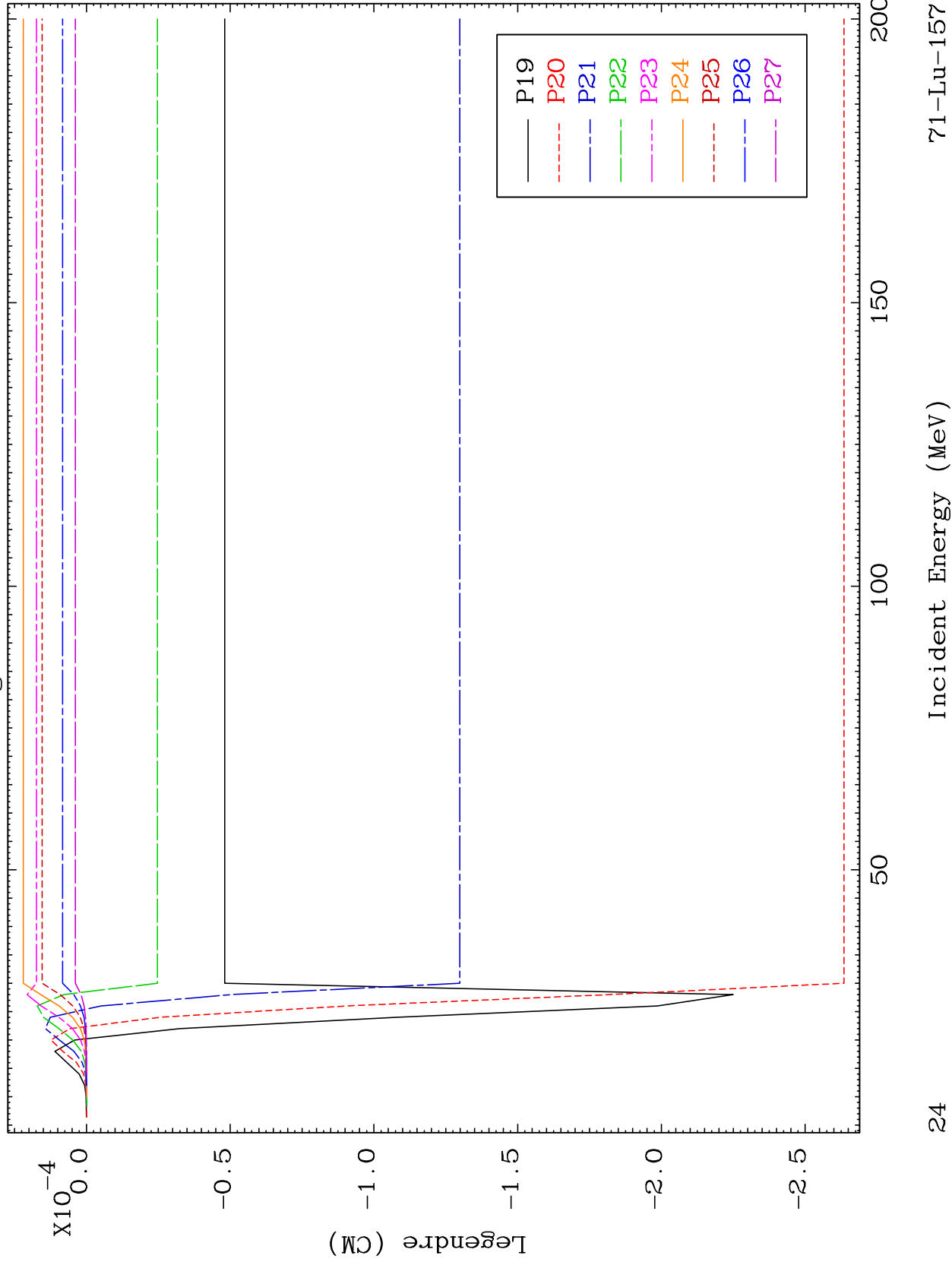
Incident Energy (MeV)

71-Lu-157

MAT 7071

71-Lu-157

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



24

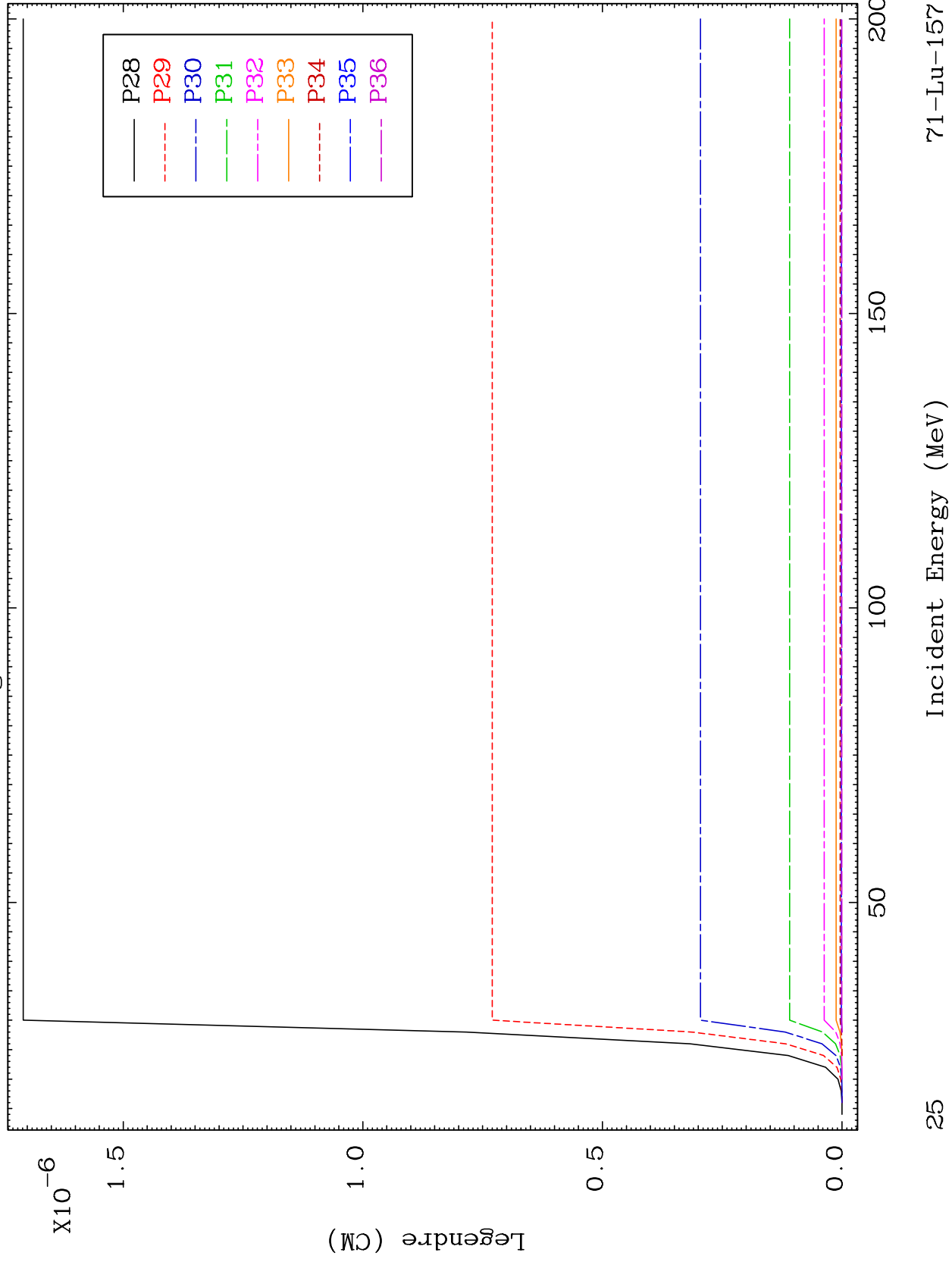
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

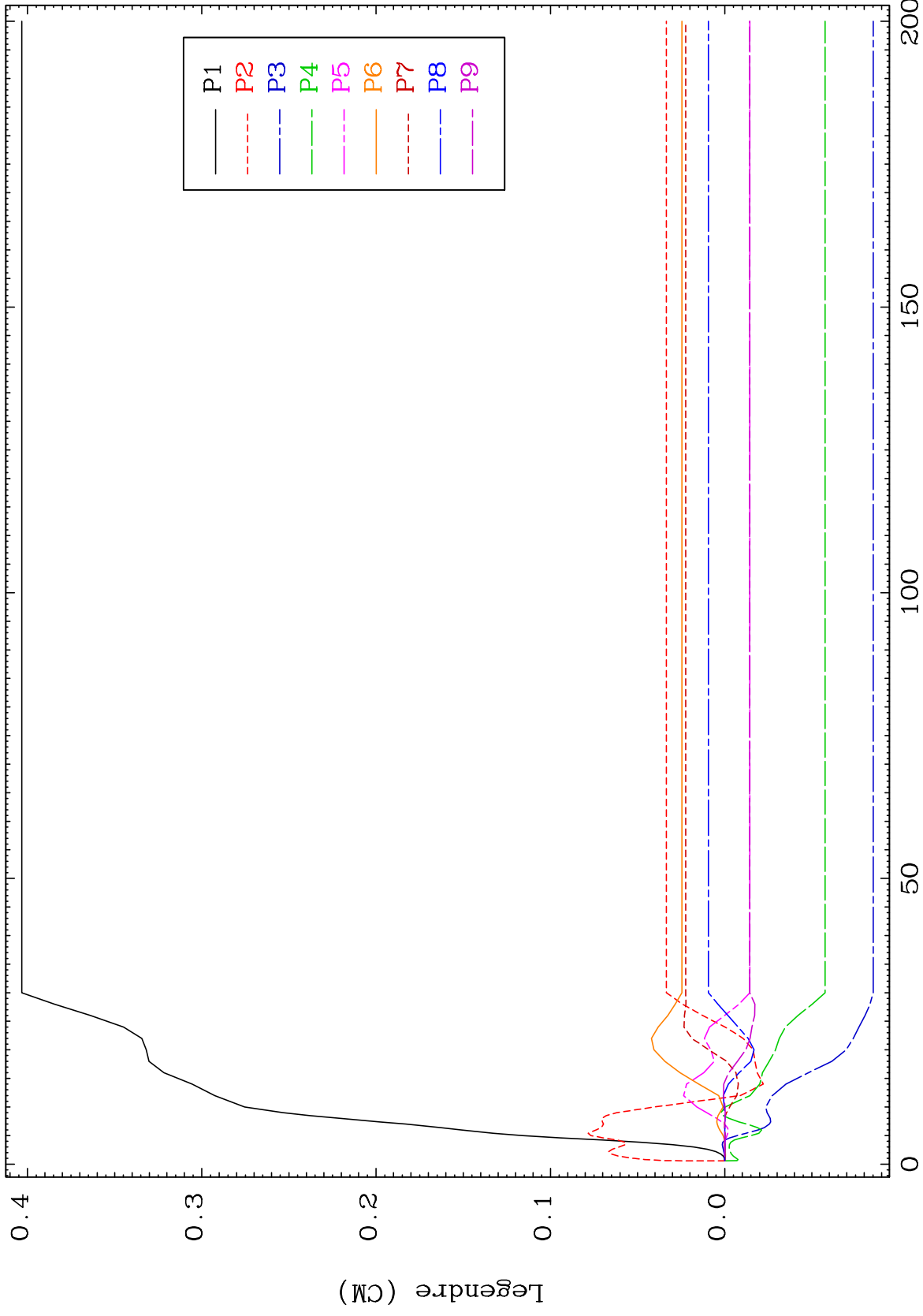
71-Lu-157



MAT 7071

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

71-Lu-157



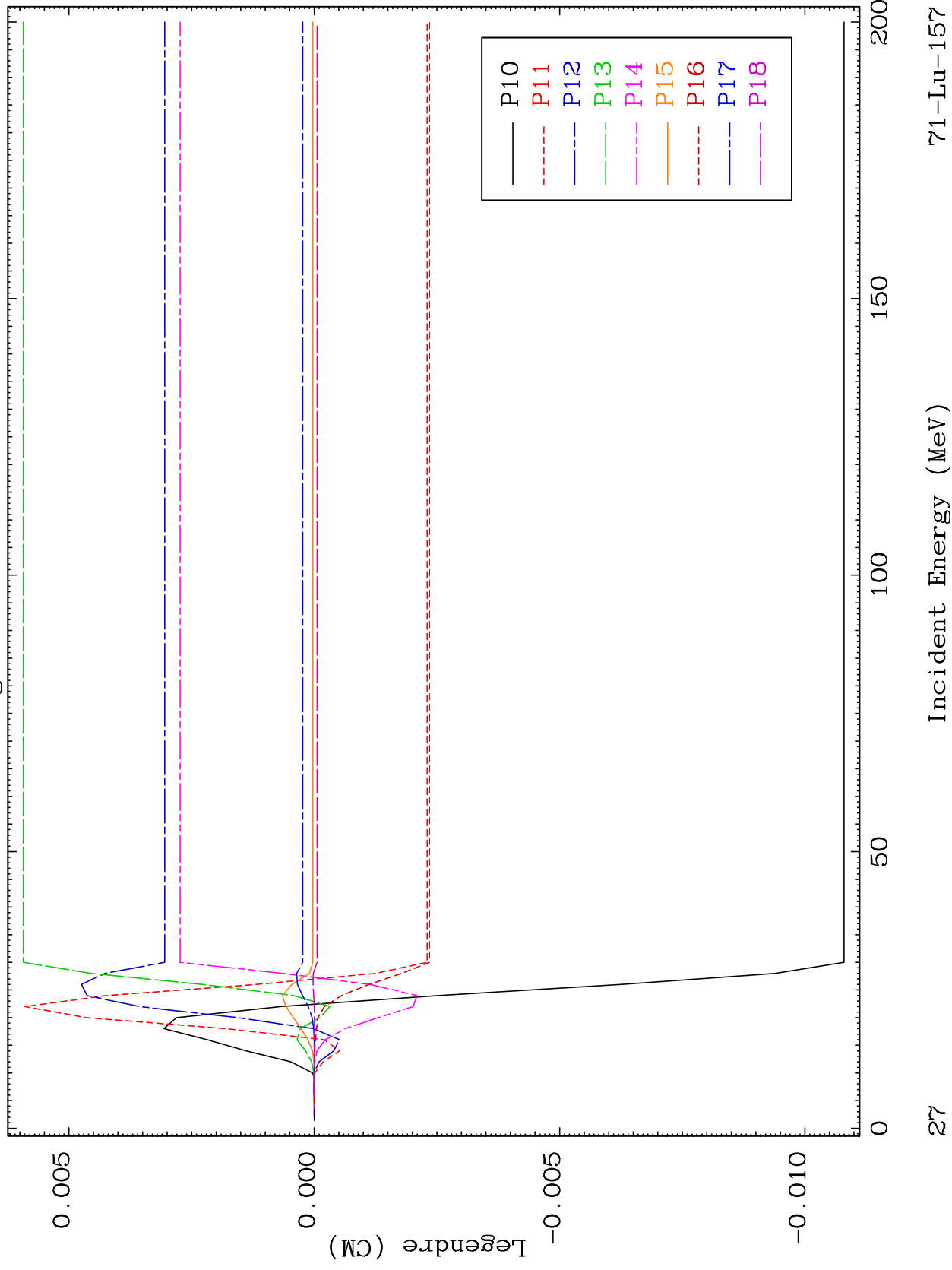
26

71-Lu-157

MAT 7071

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

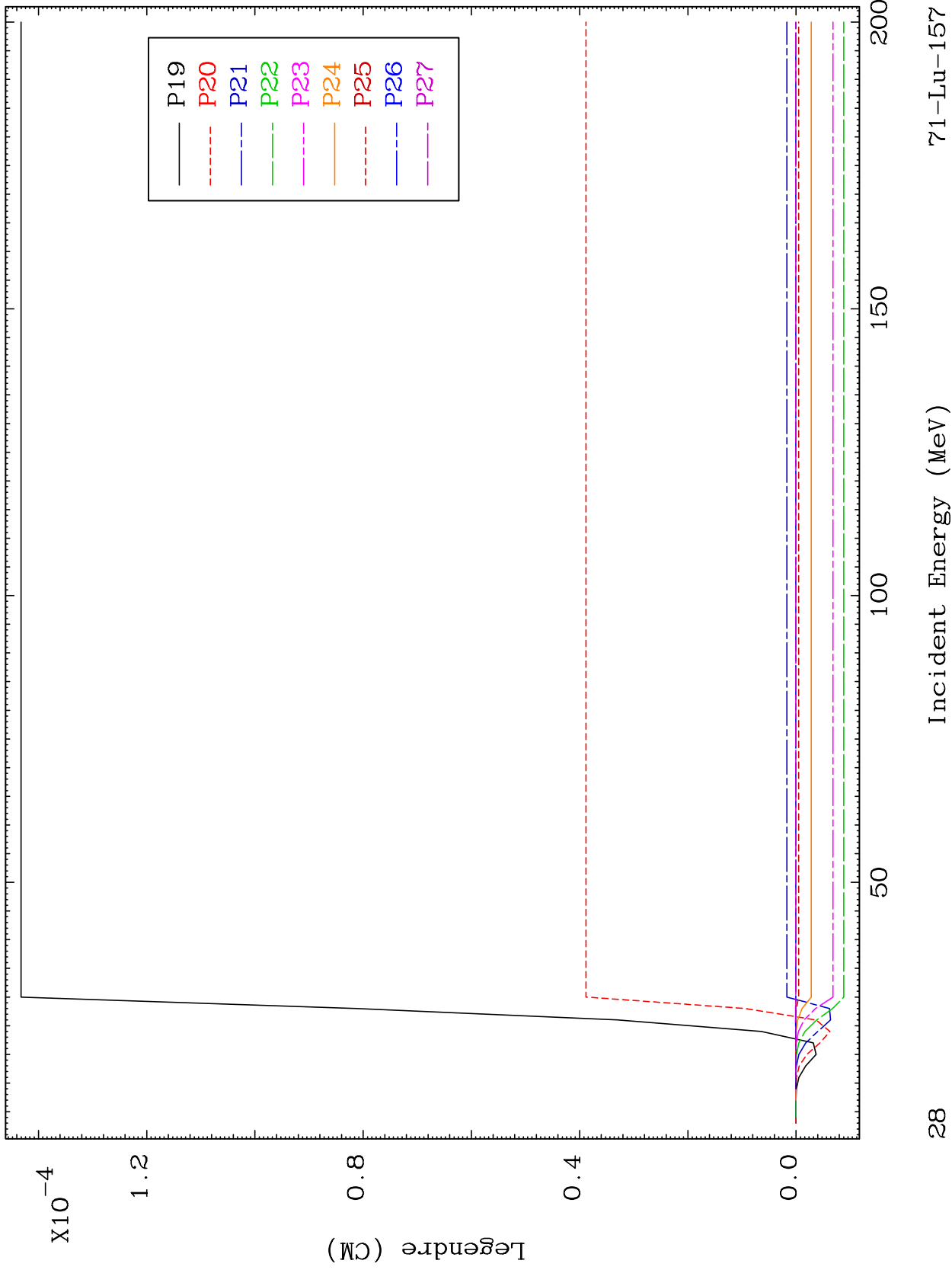
71-Lu-157



71-Lu-157

Incident Energy (MeV)

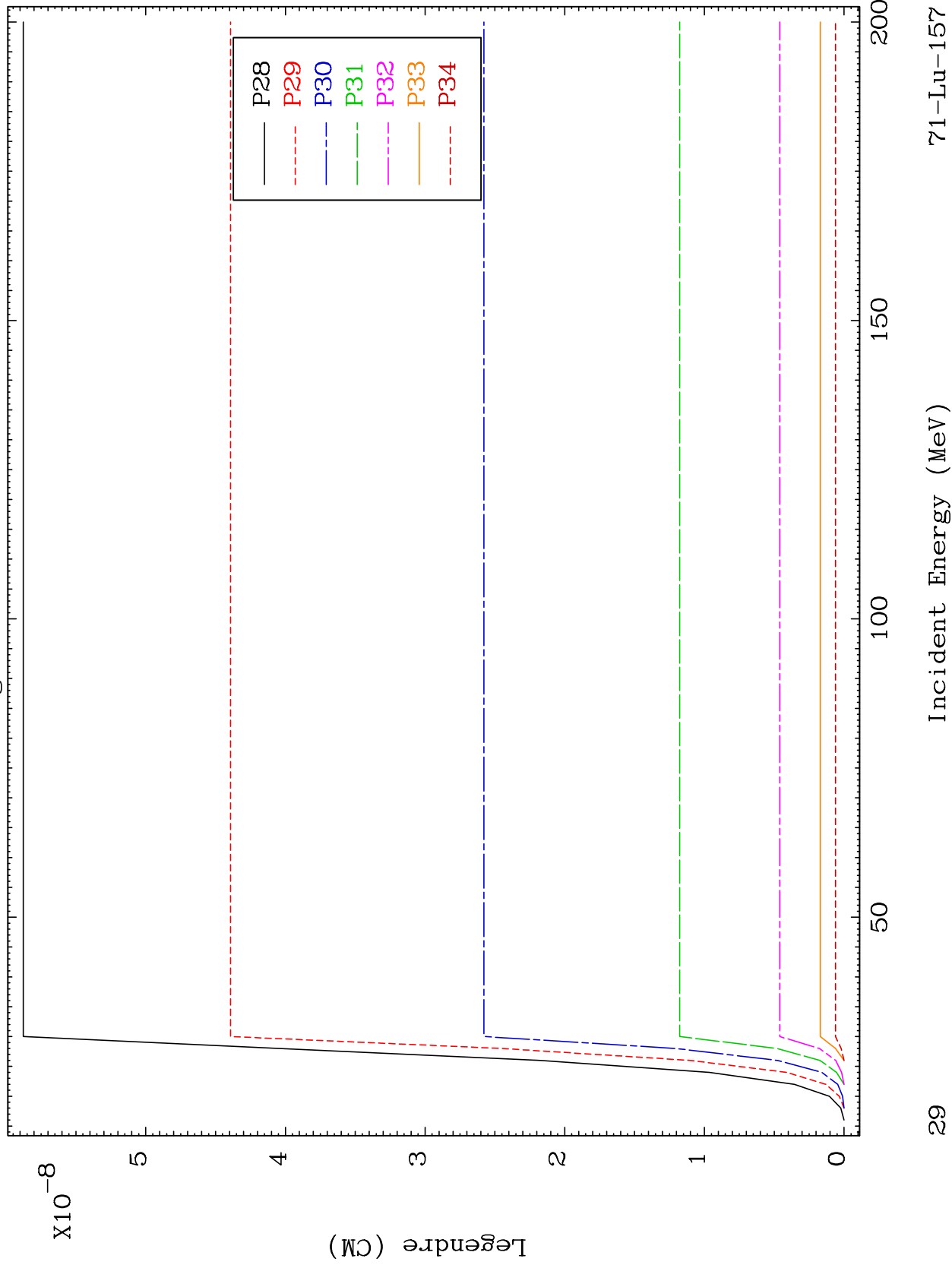
27



MAT 7071

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

71-Lu-157



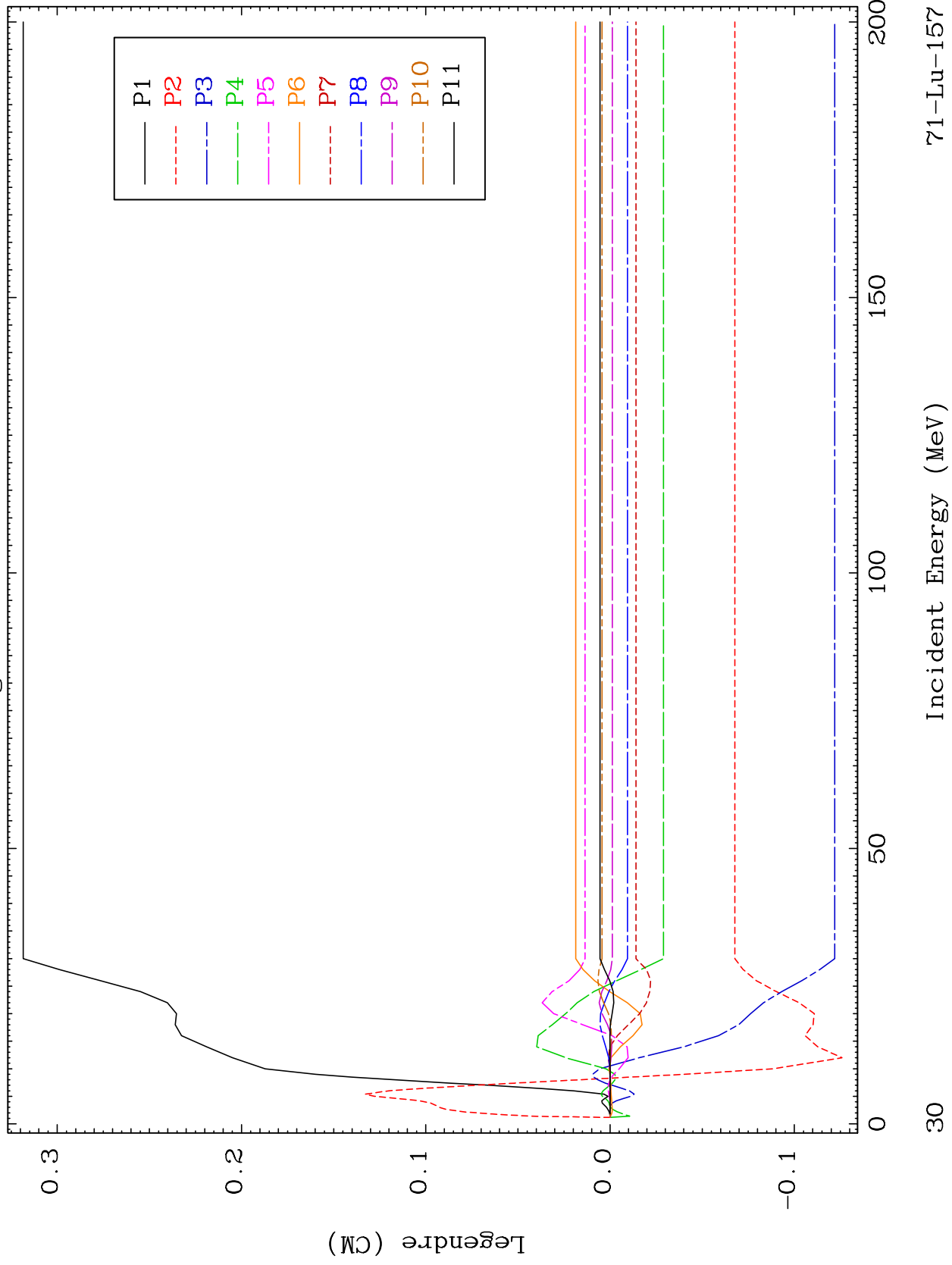
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71-Lu-157

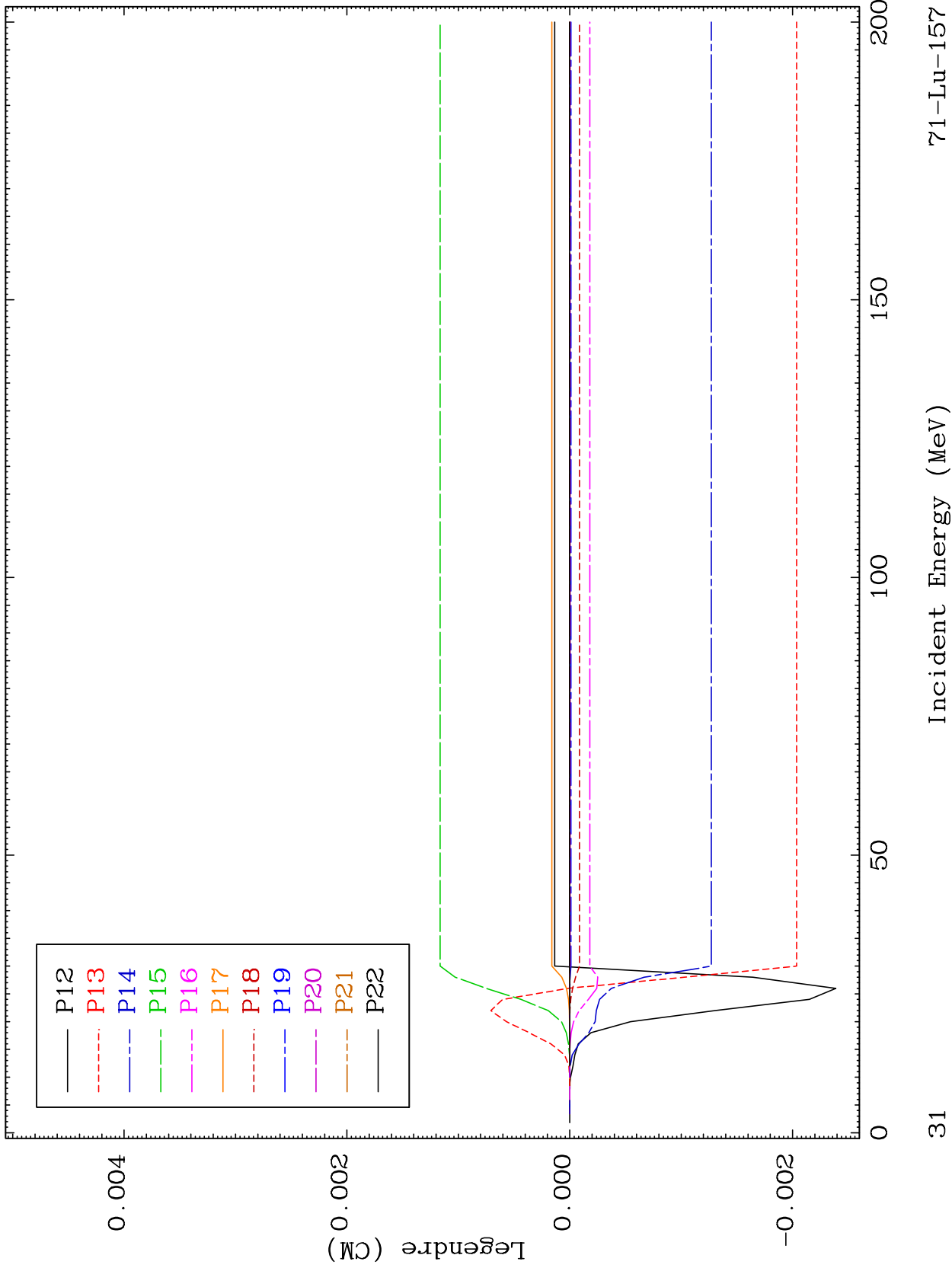
MAT 7071

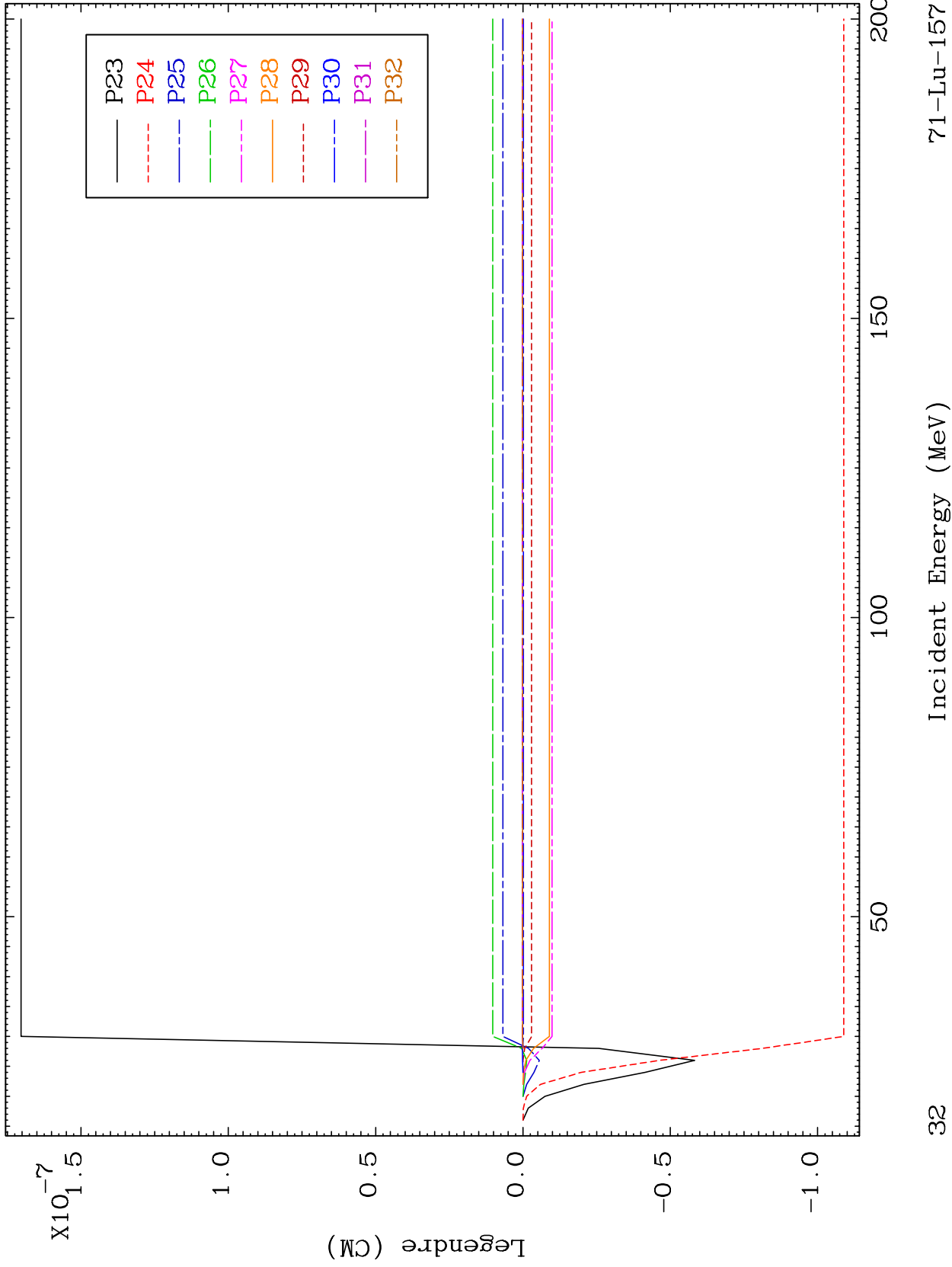
MT= 53 (n,n') Level  
Legendre Coefficients

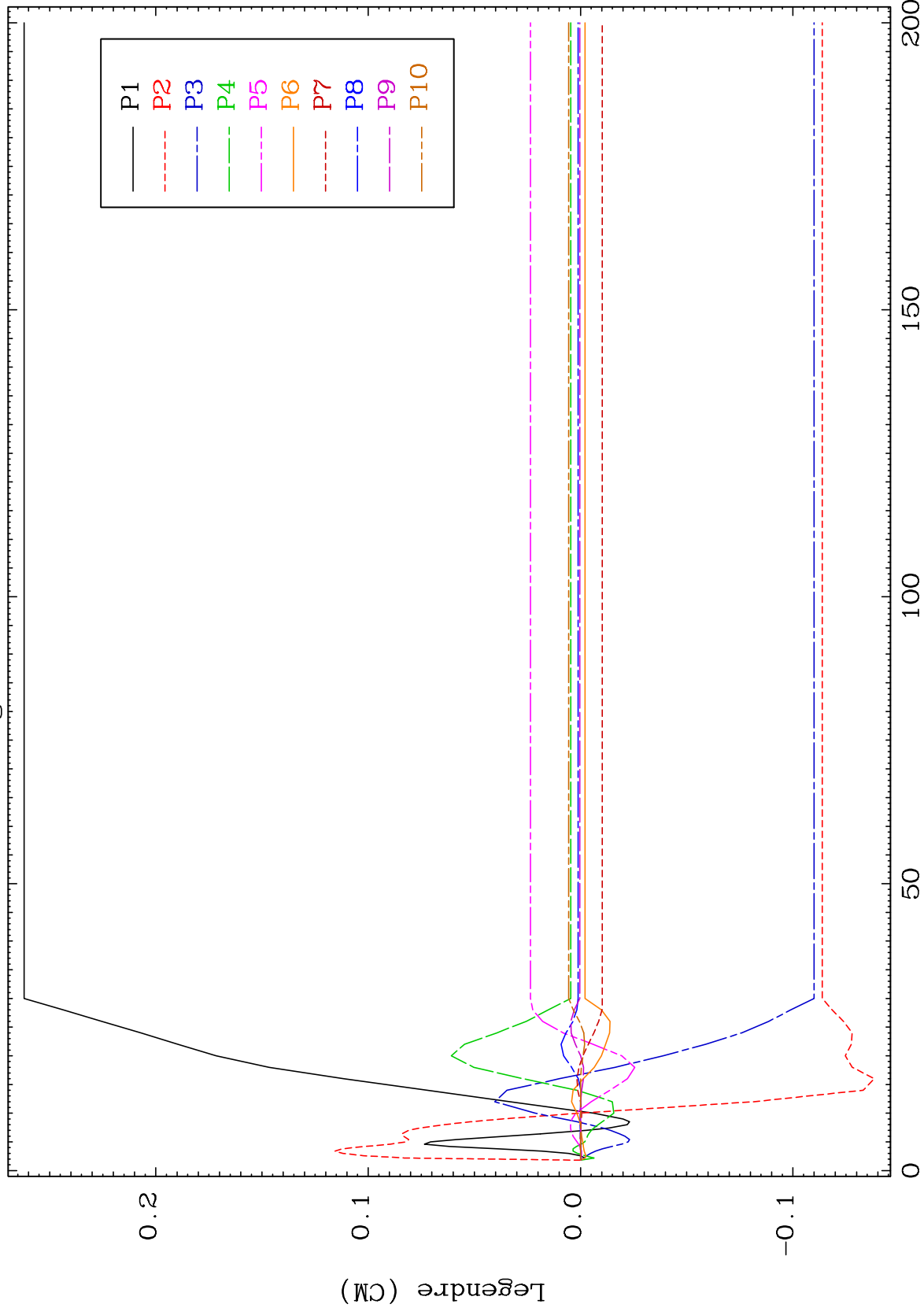
71-Lu-157



71-Lu-157



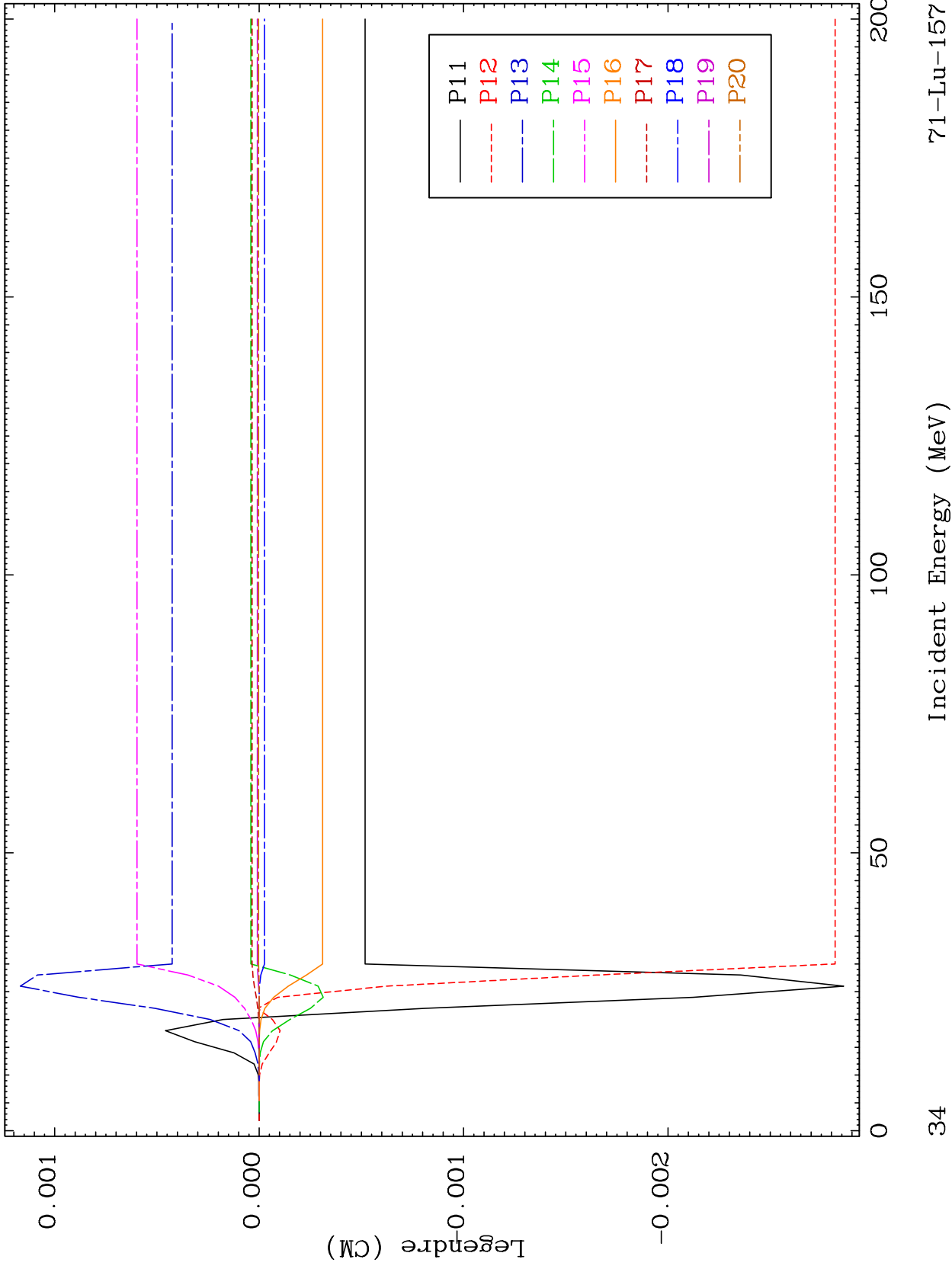




MAT 7071

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

71-Lu-157



34

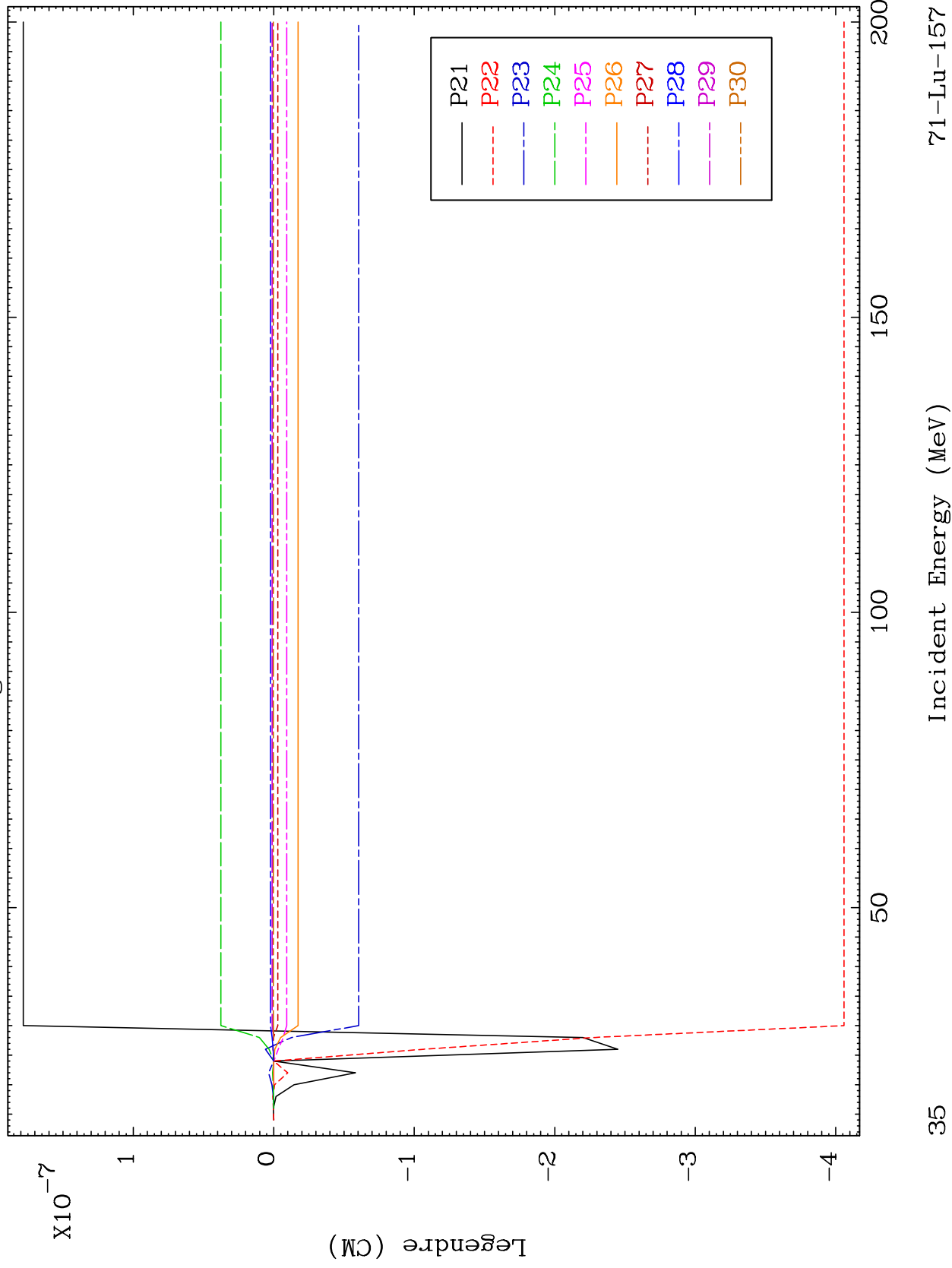
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



35

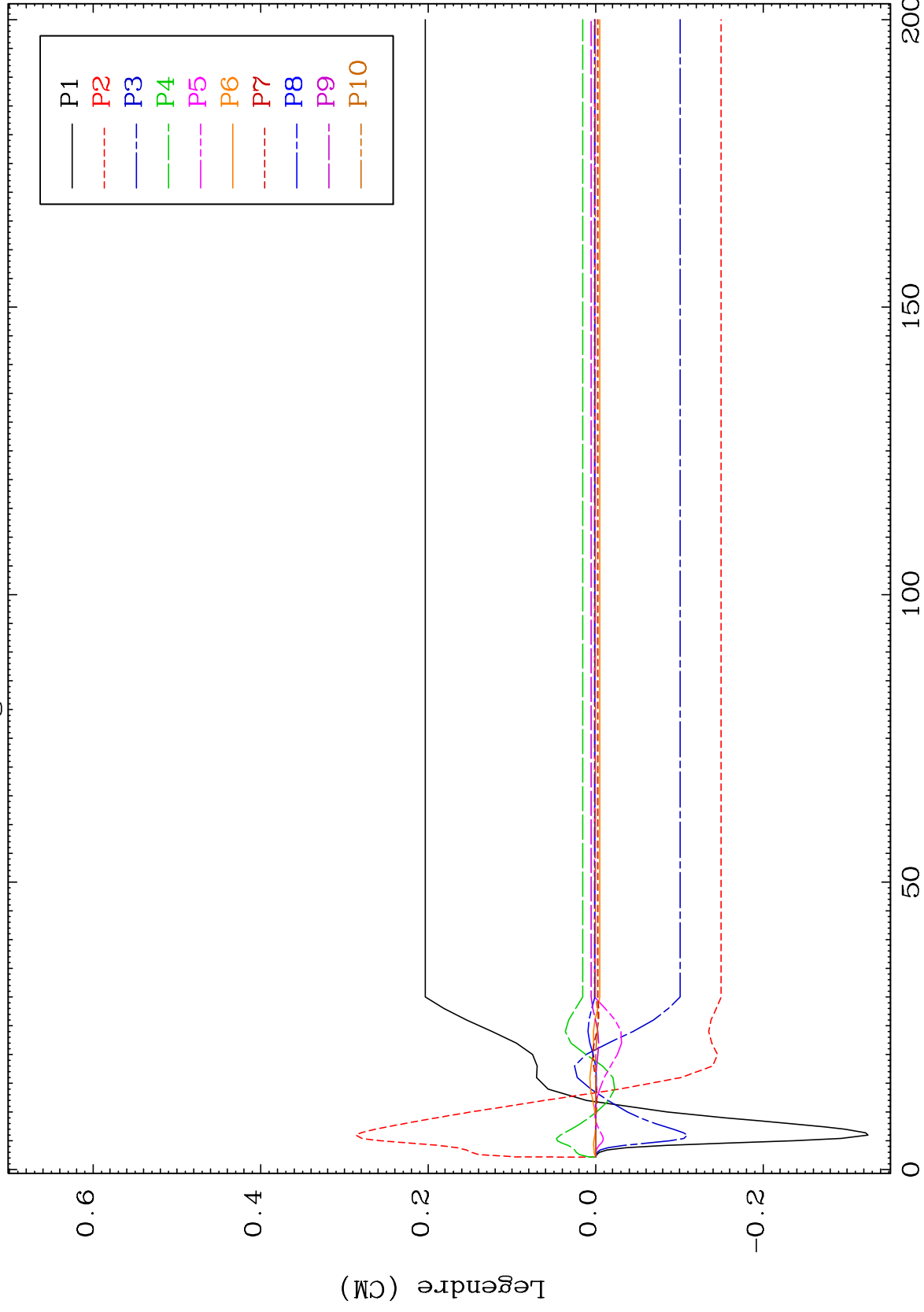
Incident Energy (MeV)

71-Lu-157

MAT 7071

MT= 55 (n,n') Level  
Legendre Coefficients

71-Lu-157



36

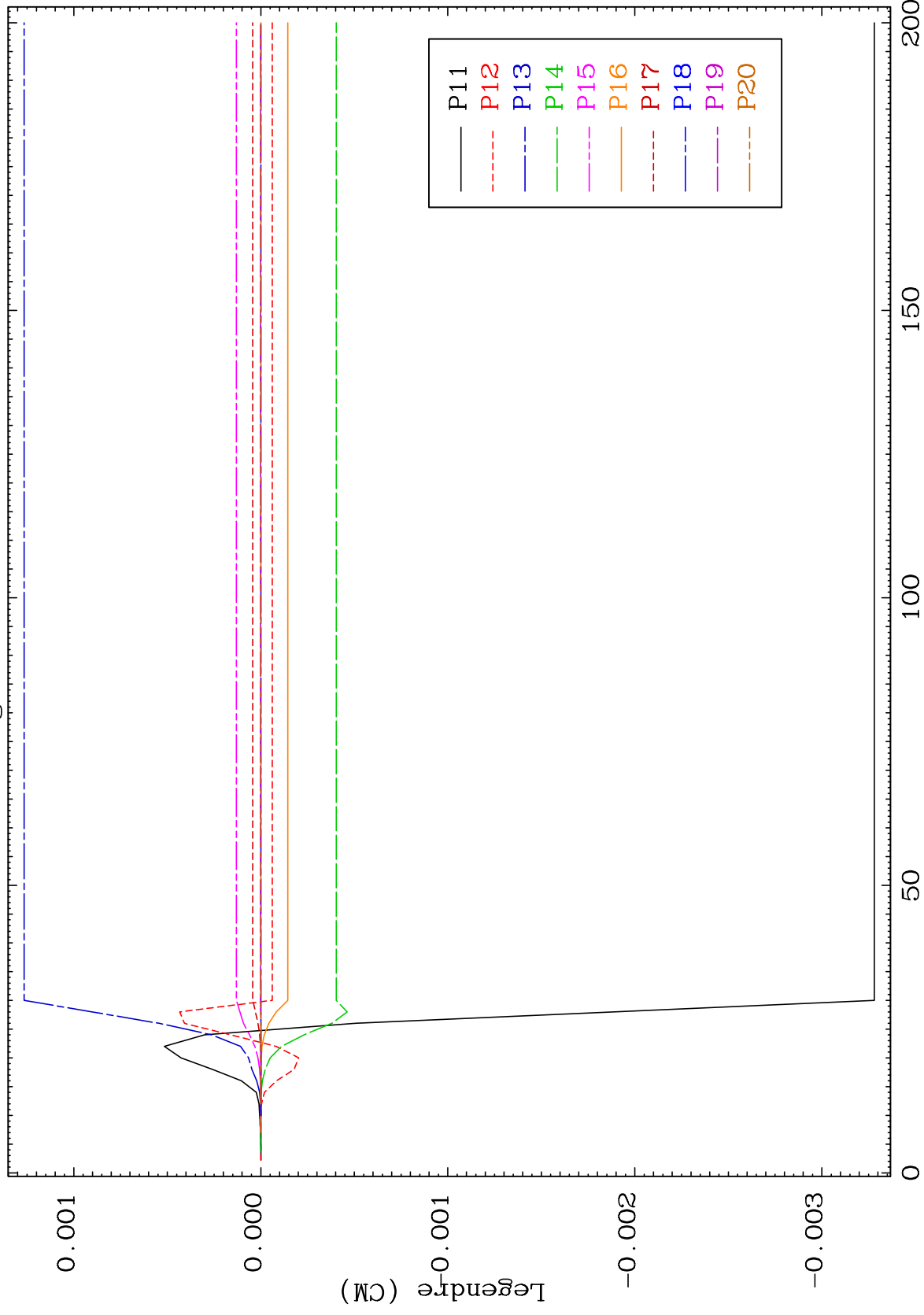
Incident Energy (MeV)

71-Lu-157

MAT 7071

MT= 55 (n,n') Level  
Legendre Coefficients

71-Lu-157



37

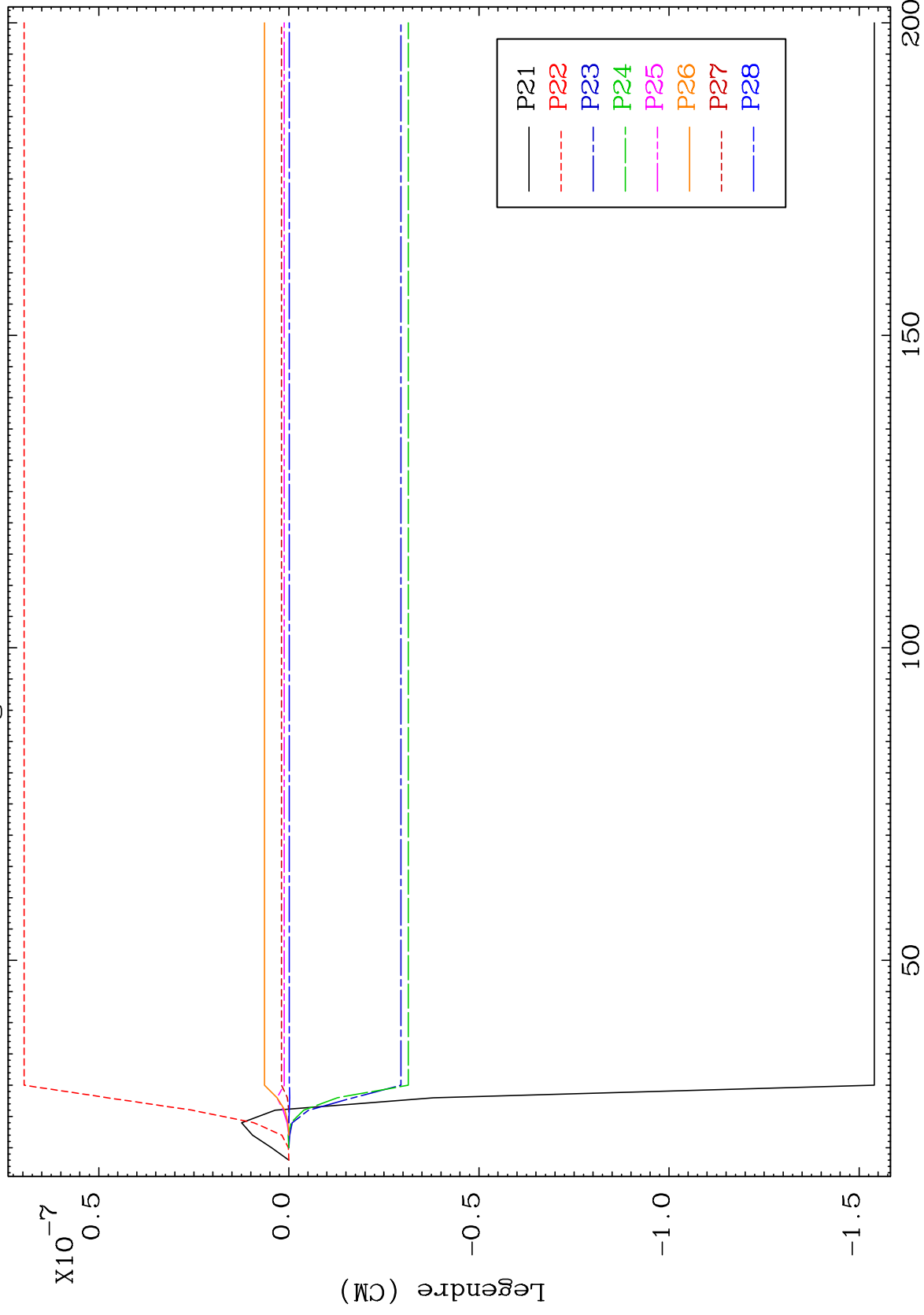
Incident Energy (MeV)

71-Lu-157

MAT 7071

71-Lu-157

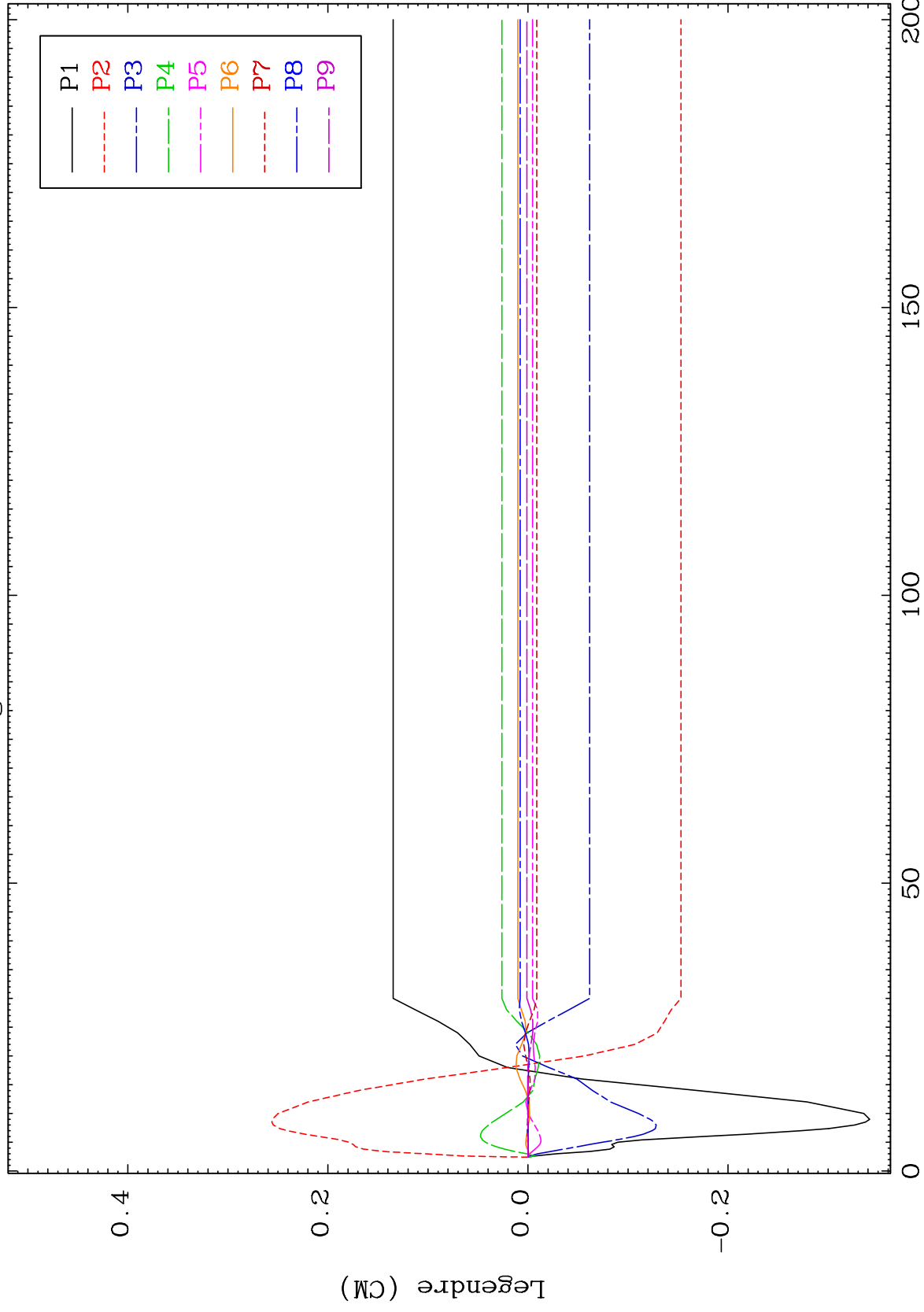
MT= 55 (n,n') Level  
Legendre Coefficients



MAT 7071

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

71-Lu-157



39

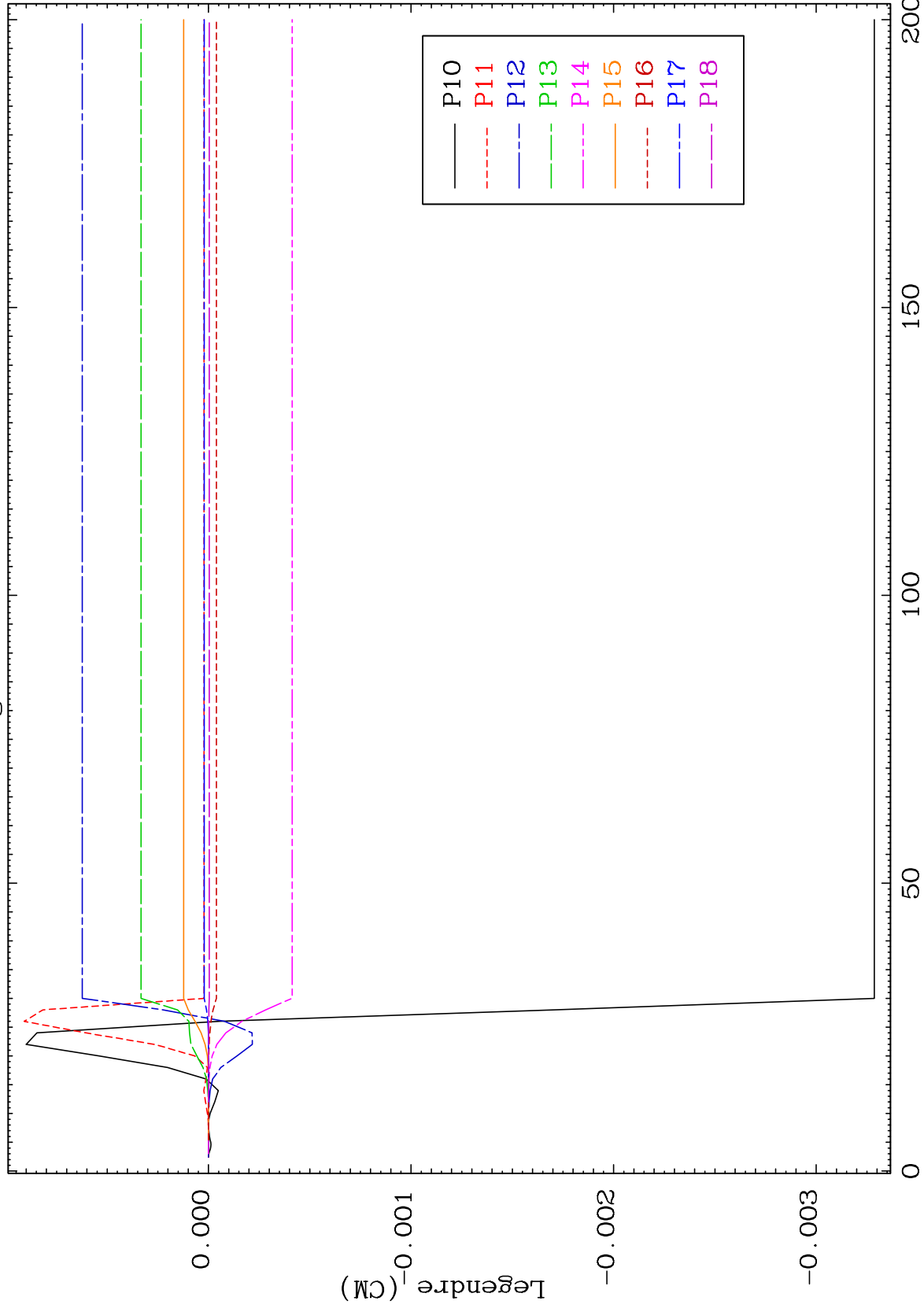
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



40

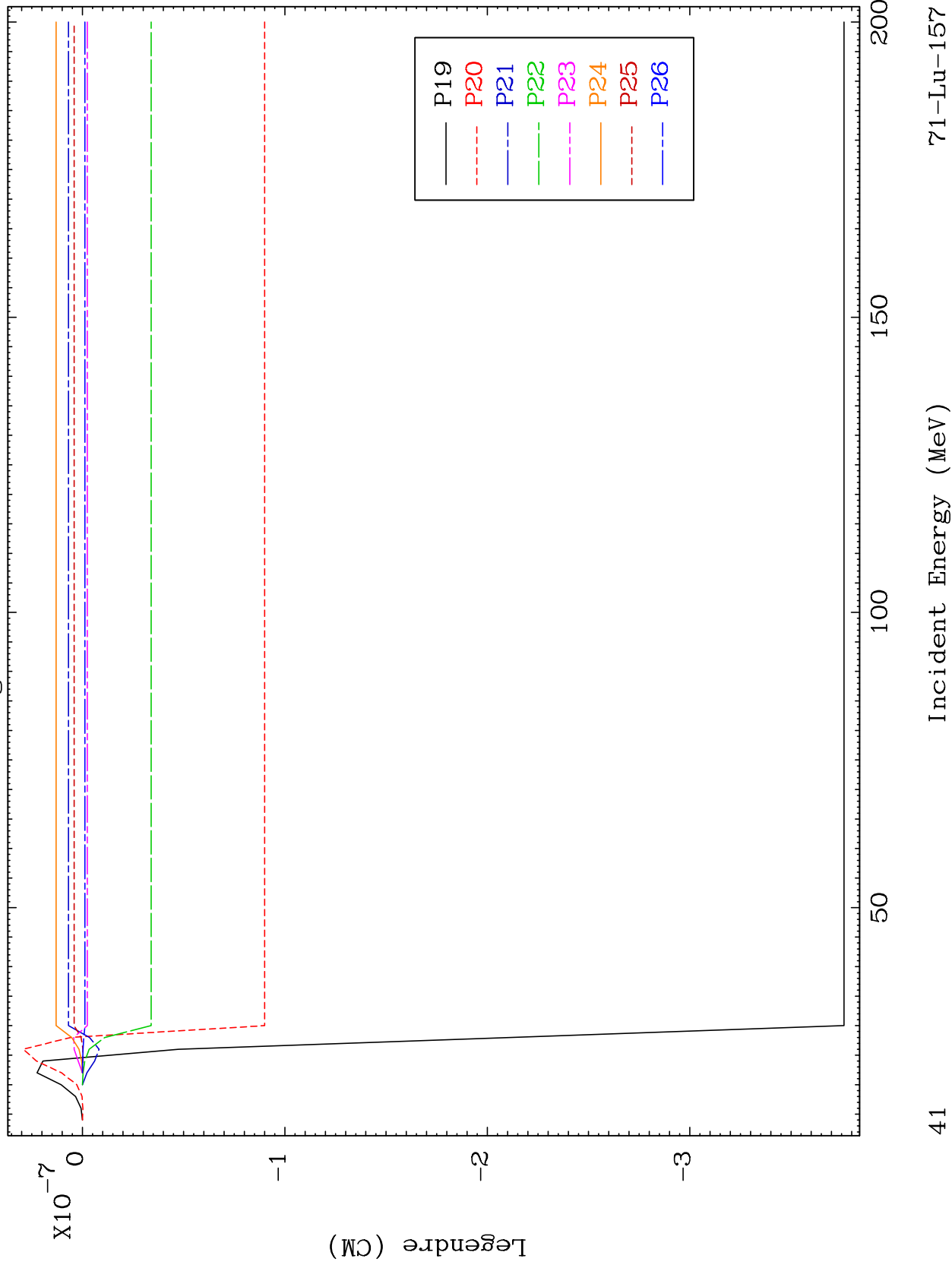
Incident Energy (MeV)

71-Lu-157

MAT 7071

71-Lu-157

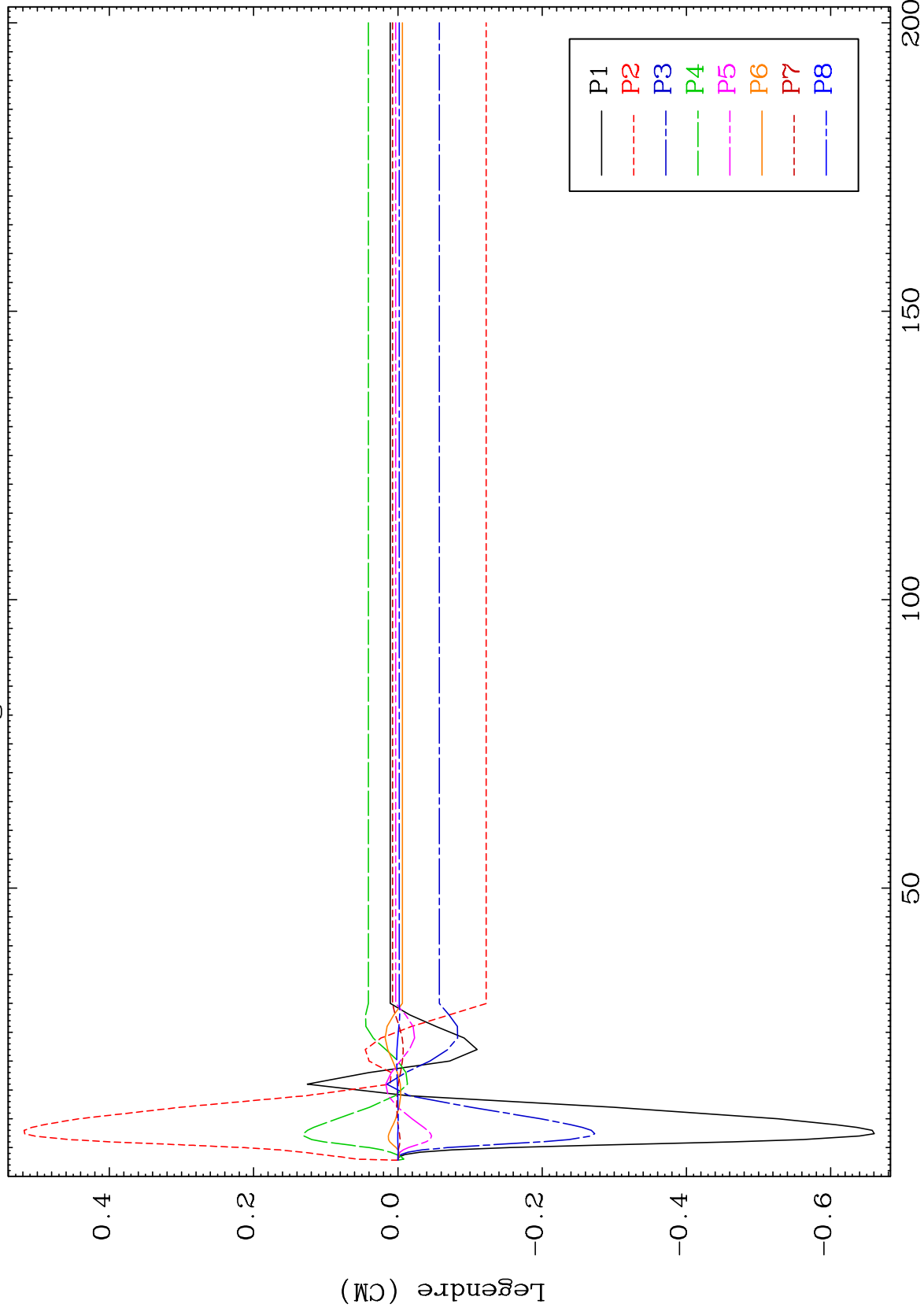
MT= 56 (n,n') Level  
Legendre Coefficients



41

Incident Energy (MeV)

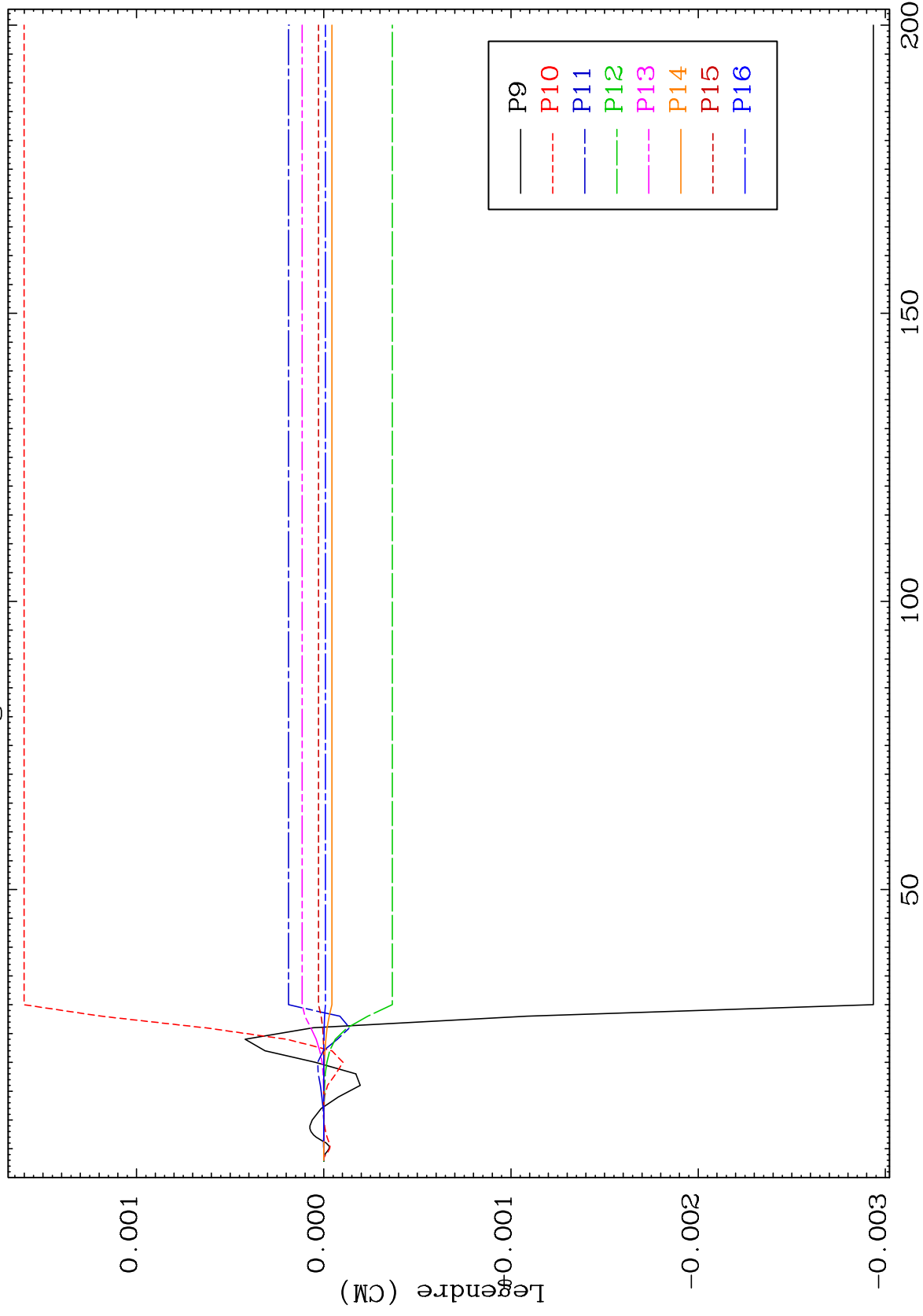
71-Lu-157



MAT 7071

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

71-Lu-157



43

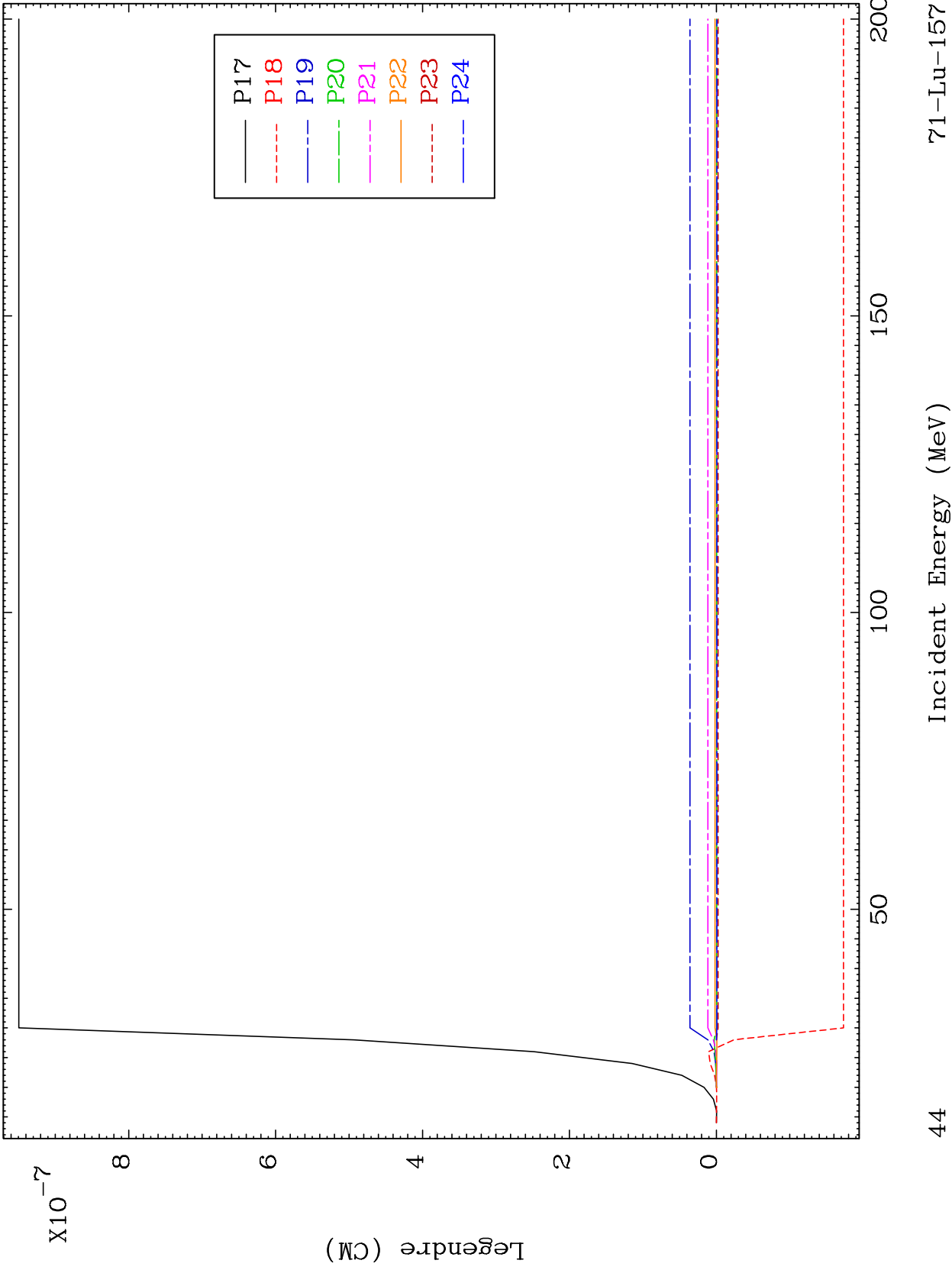
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

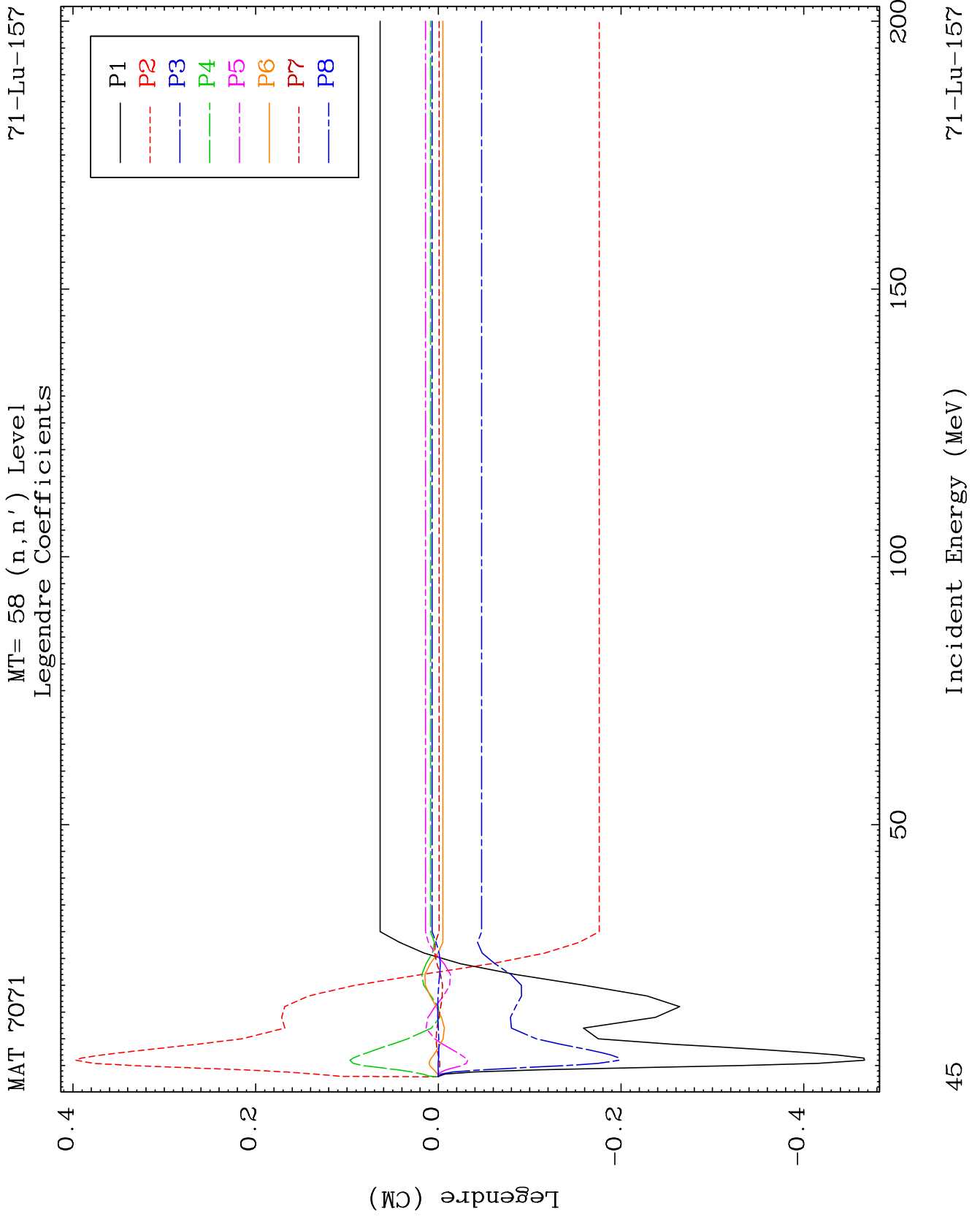
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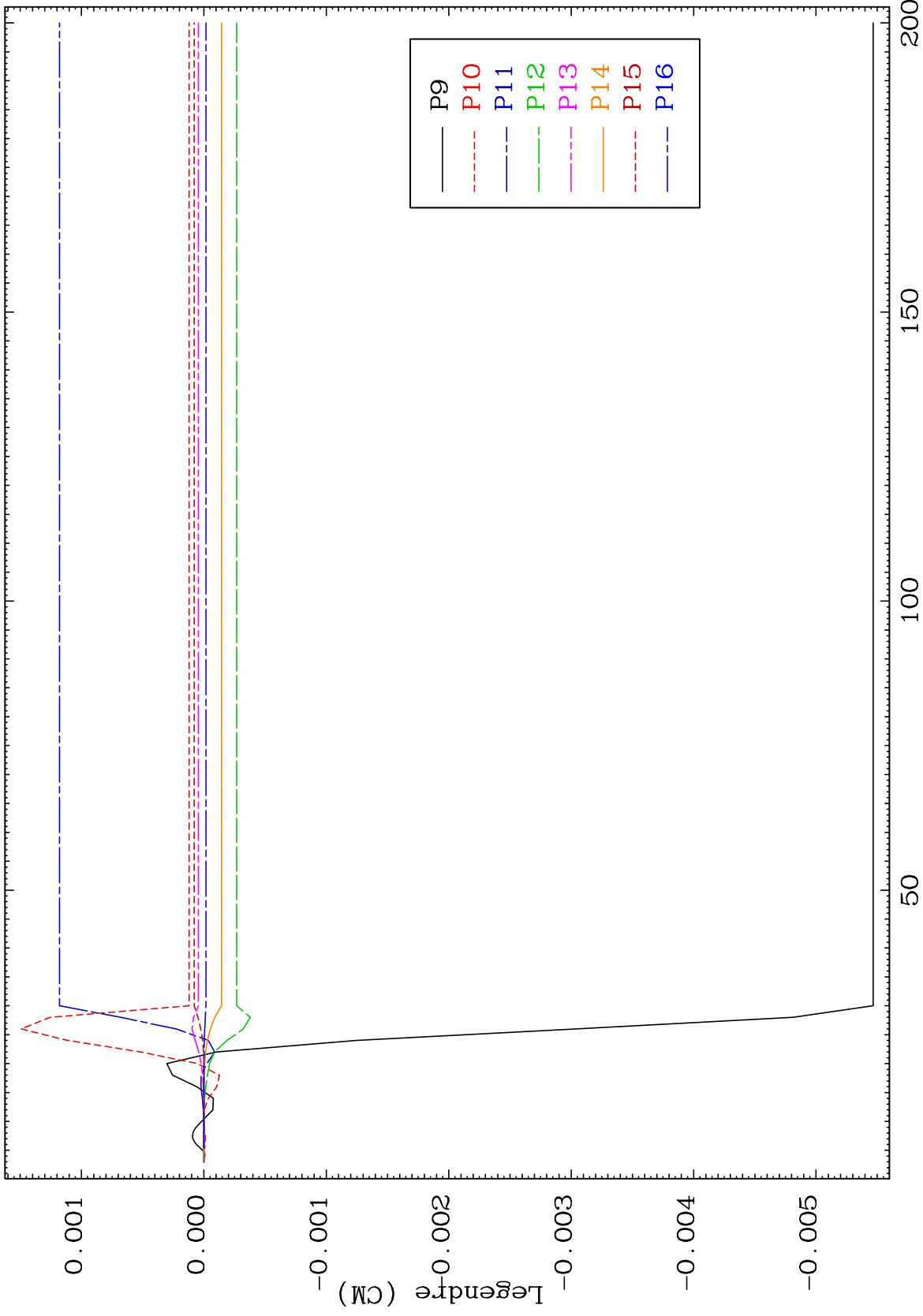


44

Incident Energy (MeV)

71-Lu-157

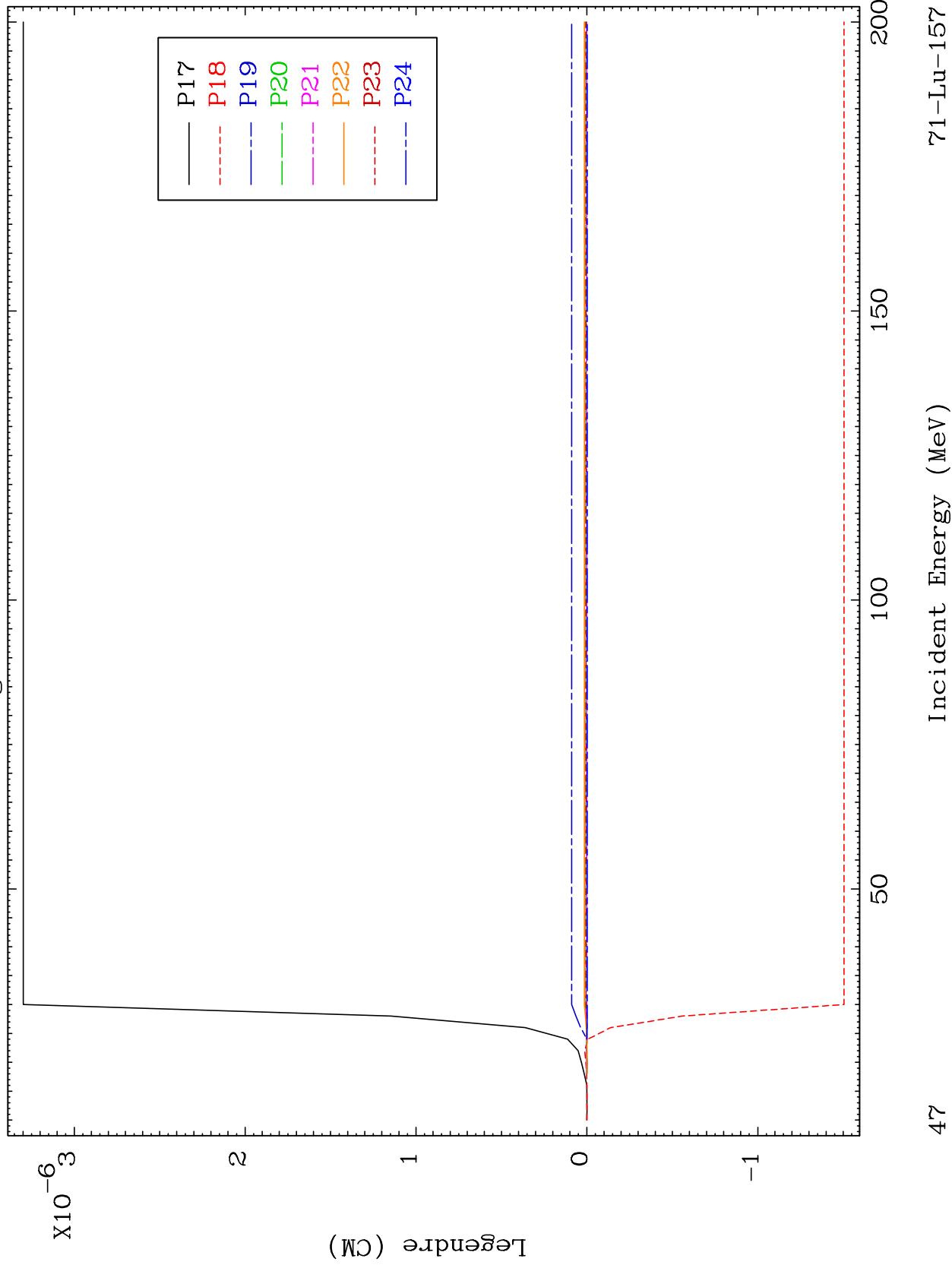




MAT 7071

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

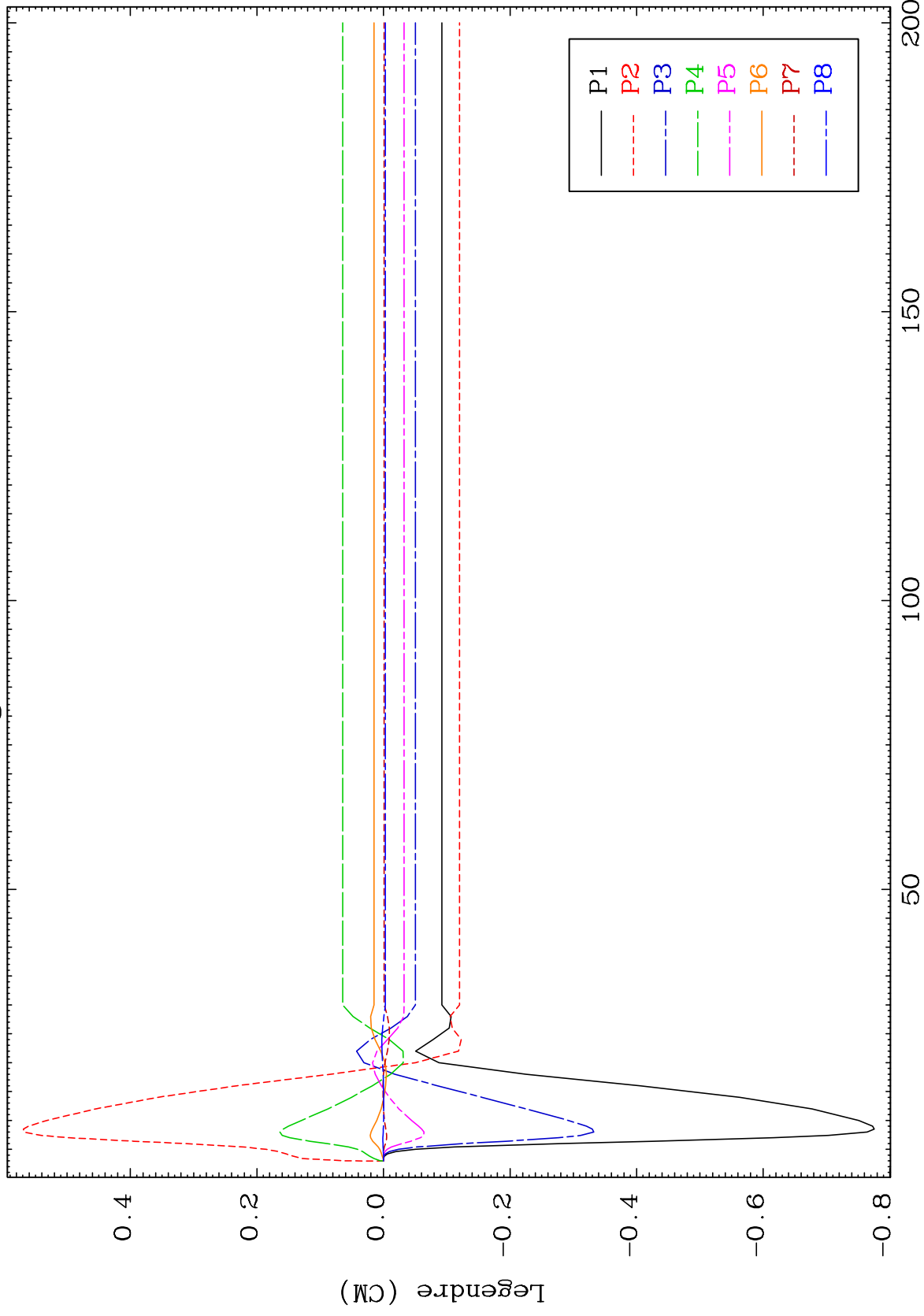
71-Lu-157



MAT 7071

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

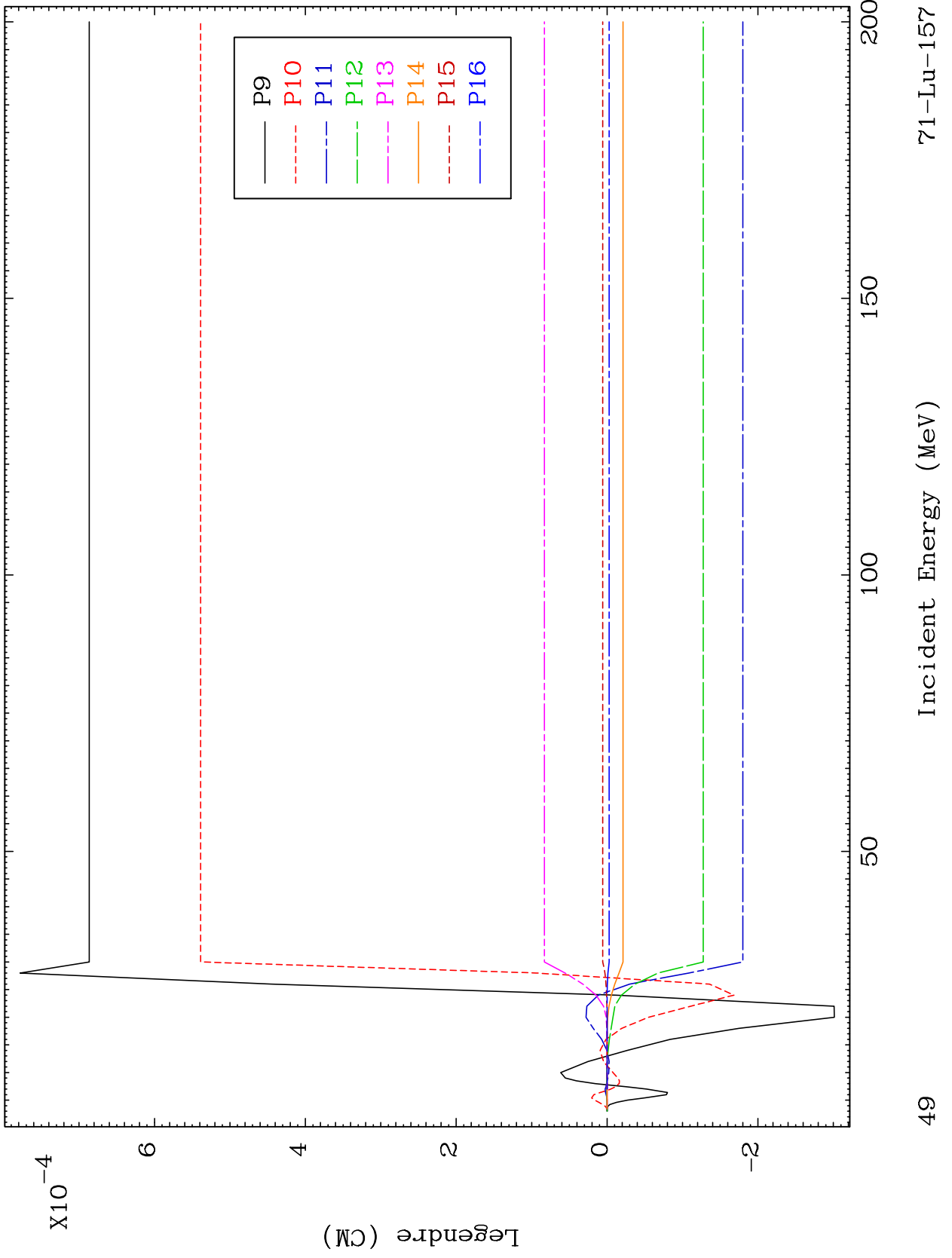
71-Lu-157



48

Incident Energy (MeV)

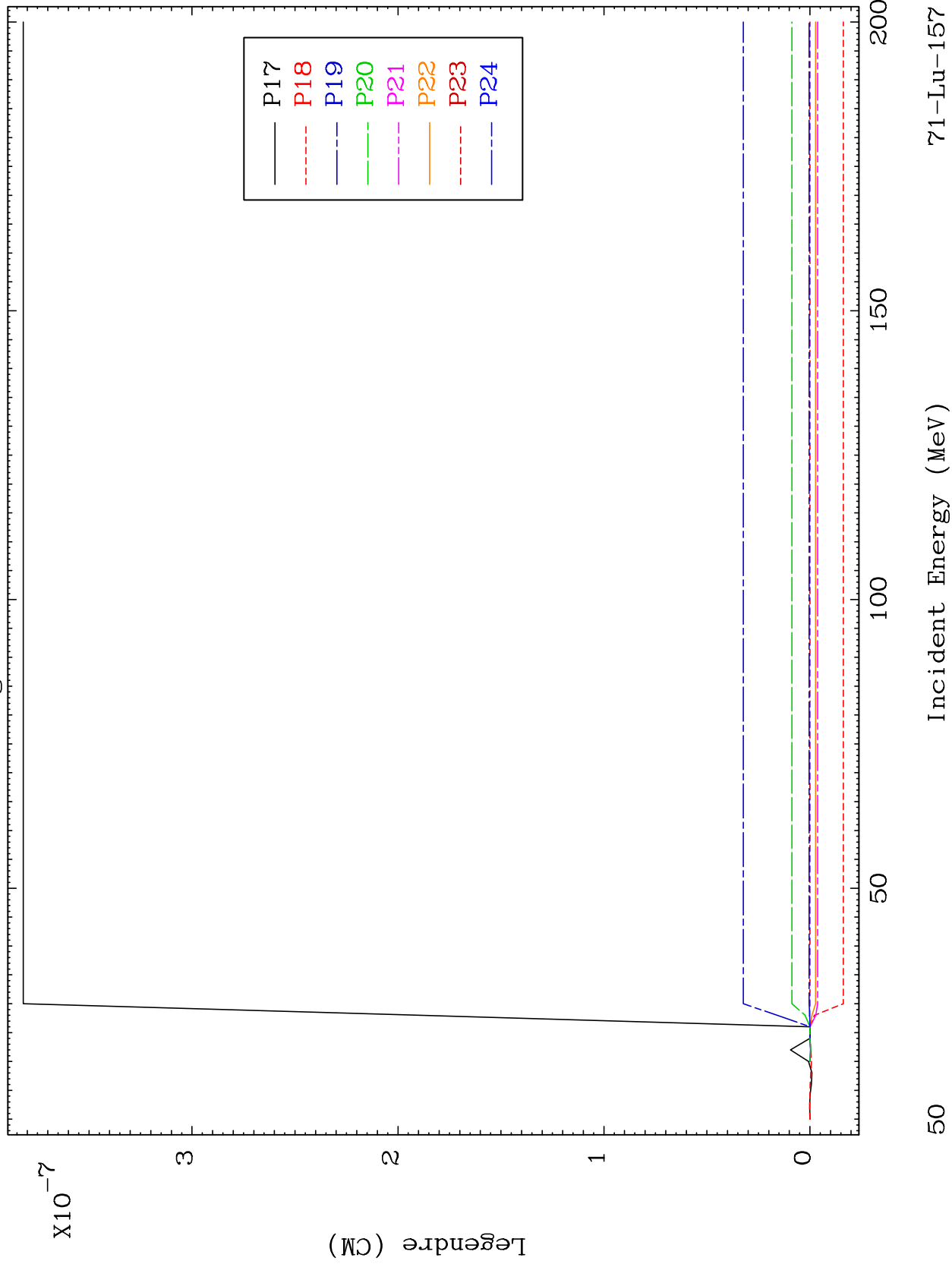
71-Lu-157



MAT 7071

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

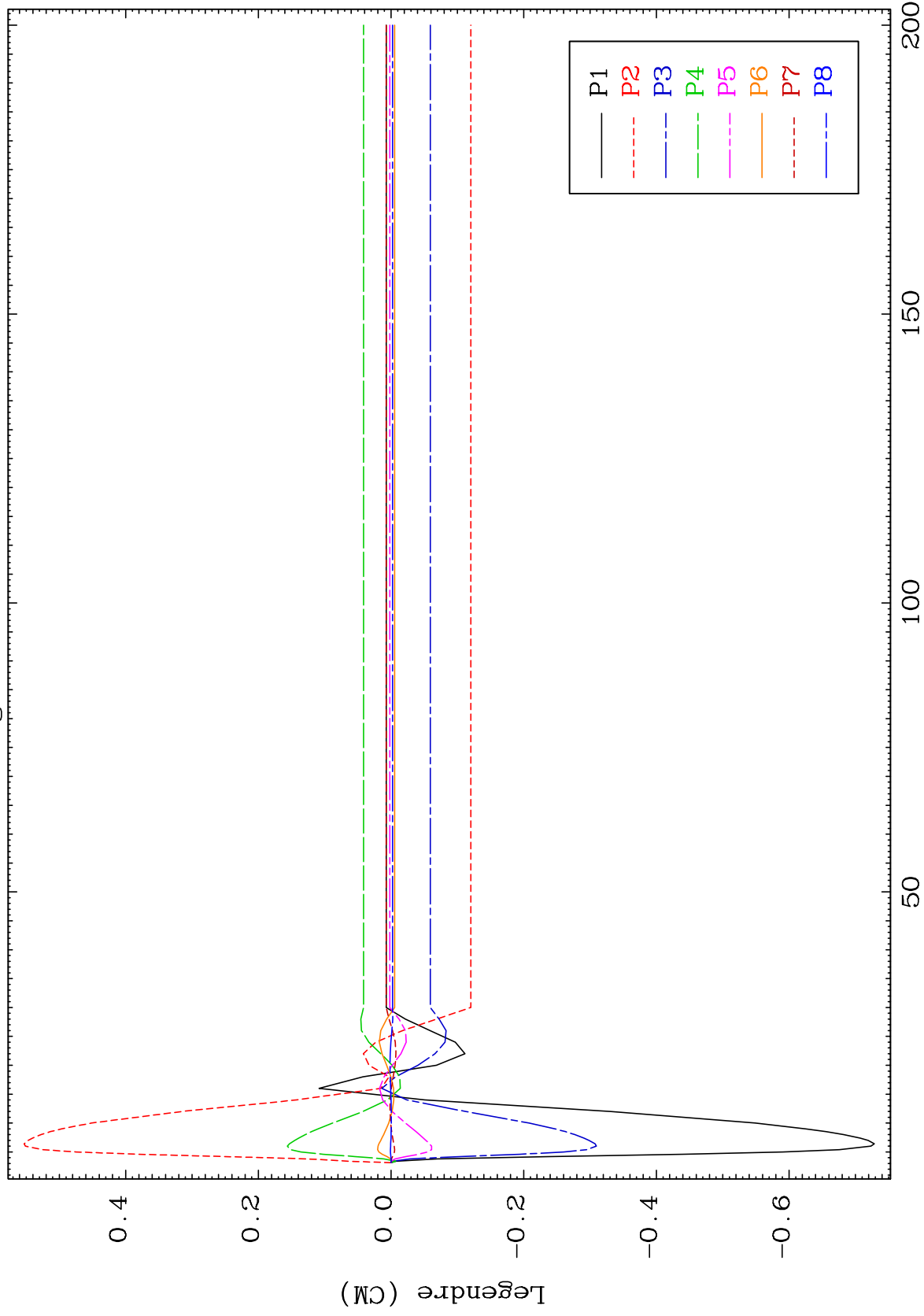
71-Lu-157



MAT 7071

MT= 60 (n,n') Level  
Legendre Coefficients

71-Lu-157



51

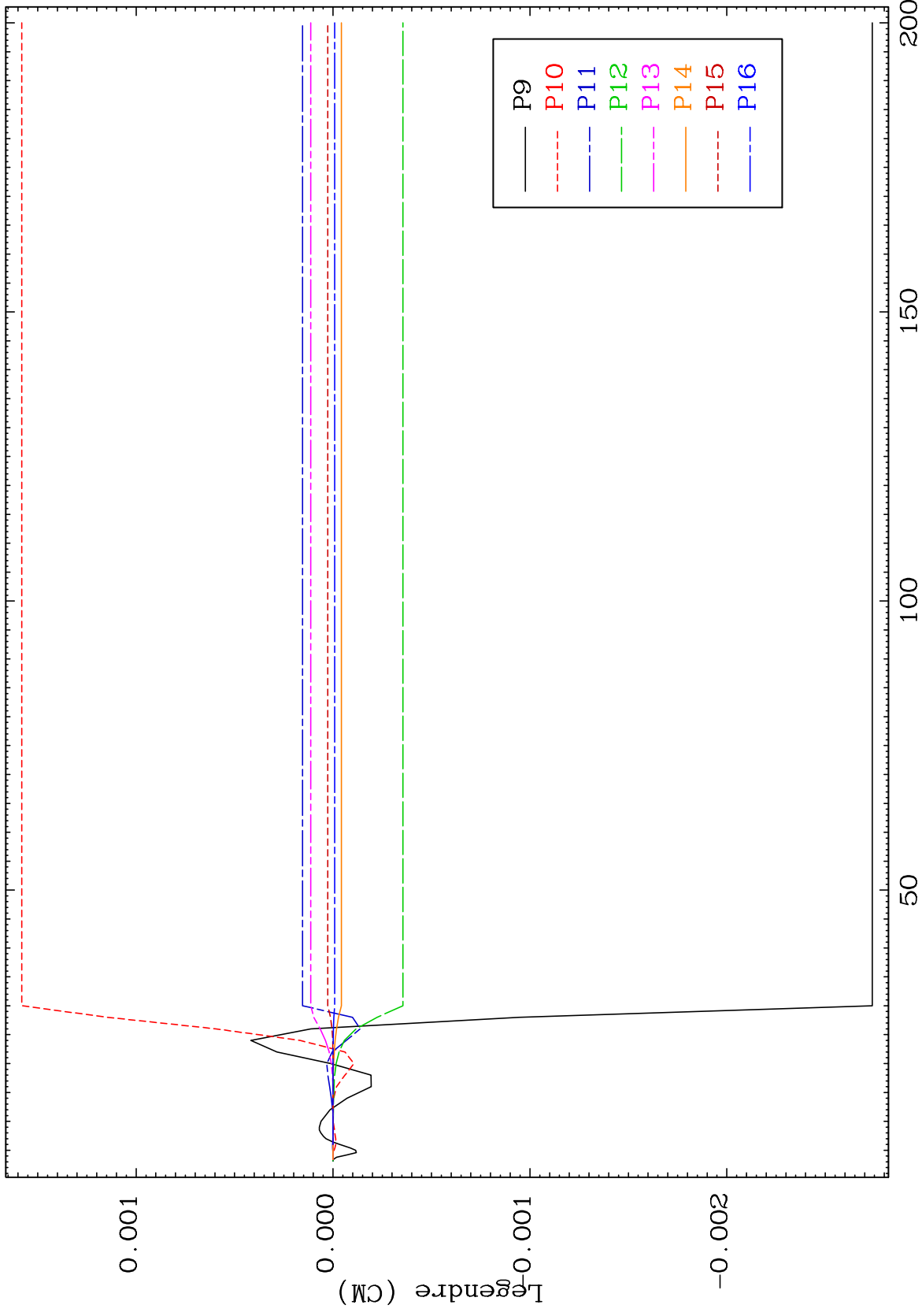
Incident Energy (MeV)

71-Lu-157

MAT 7071

MT= 60 (n,n') Level  
Legendre Coefficients

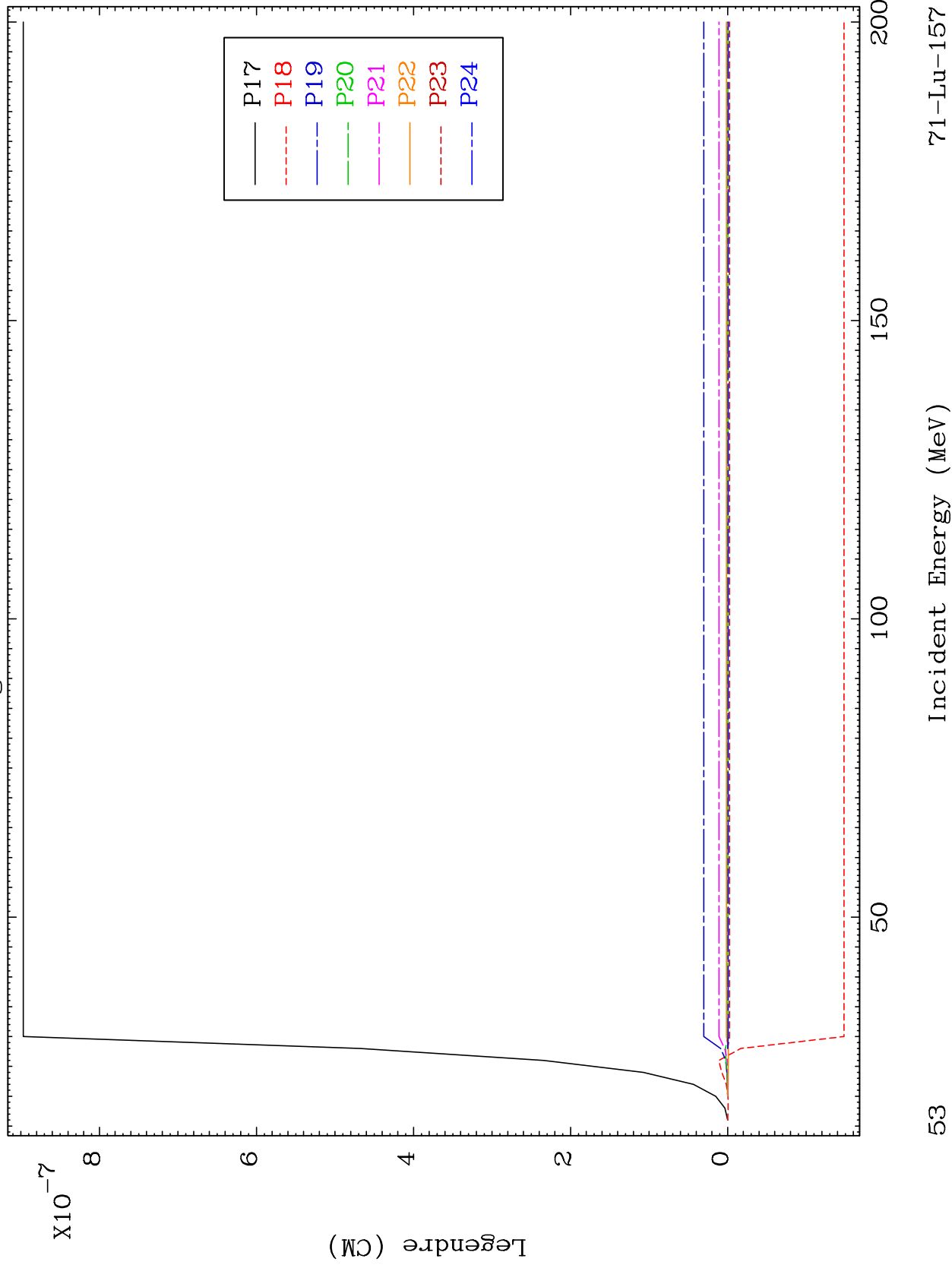
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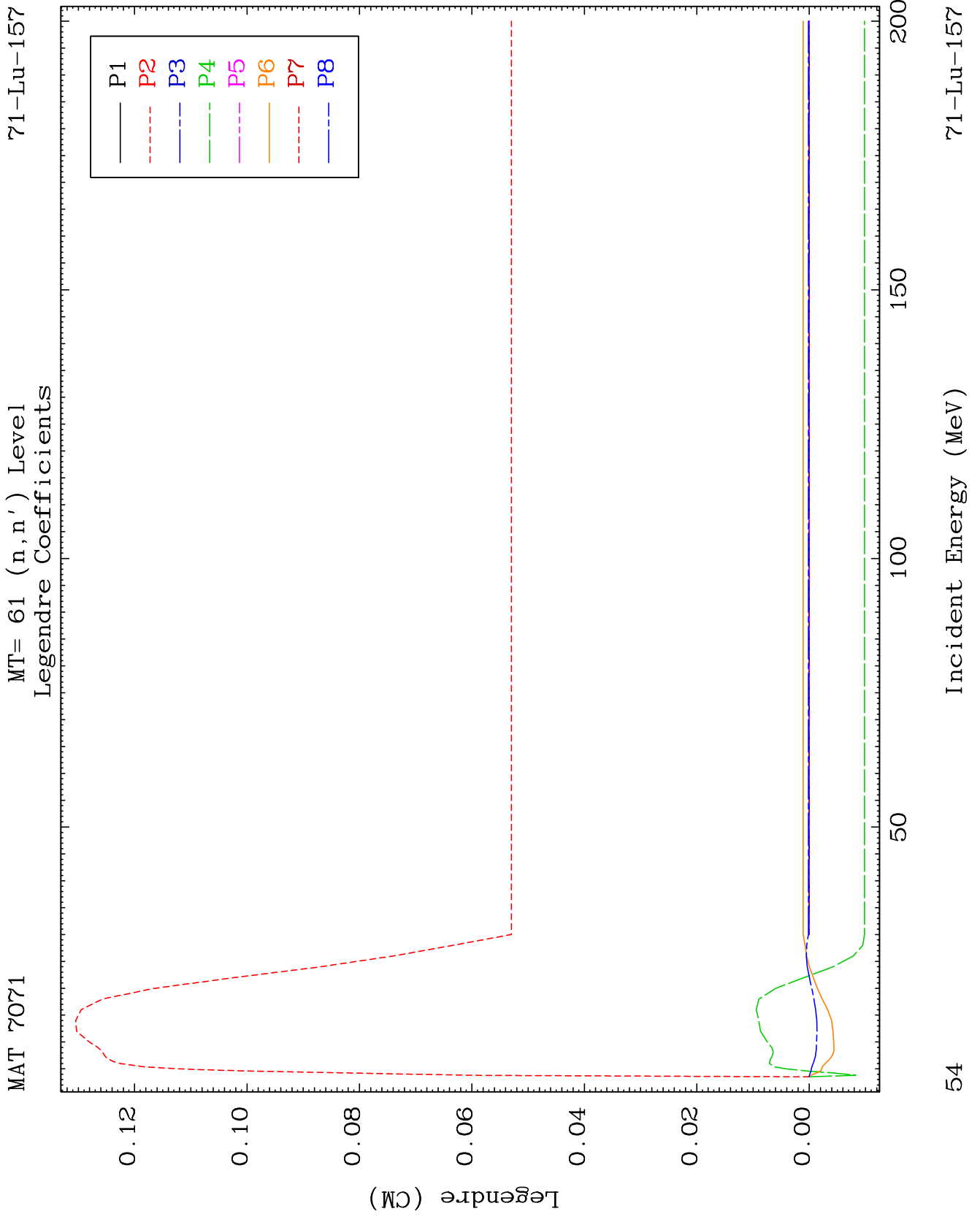


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Incident Energy (MeV)

71-Lu-157

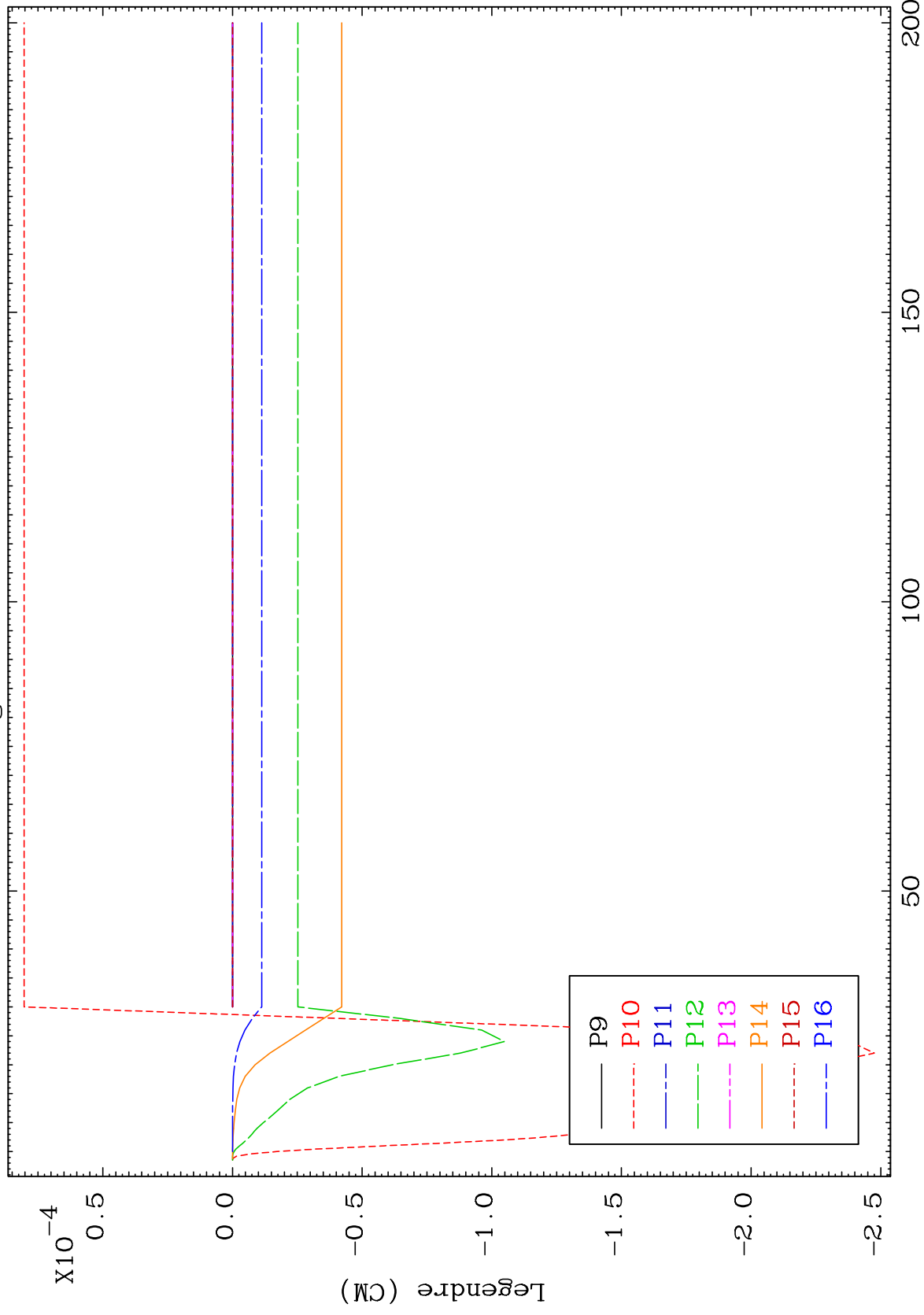




MAT 7071

MT= 61 (n,n') Level  
Legendre Coefficients

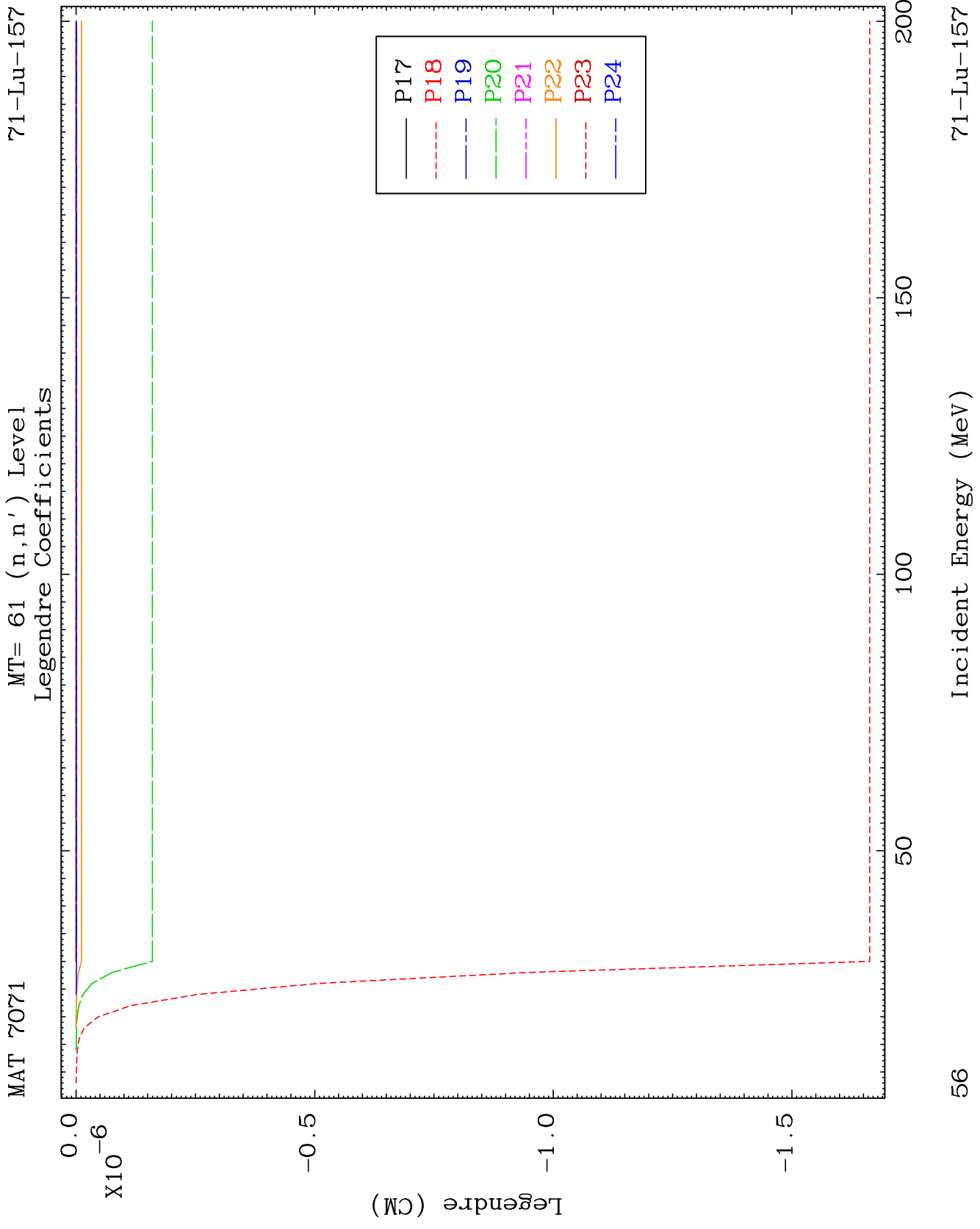
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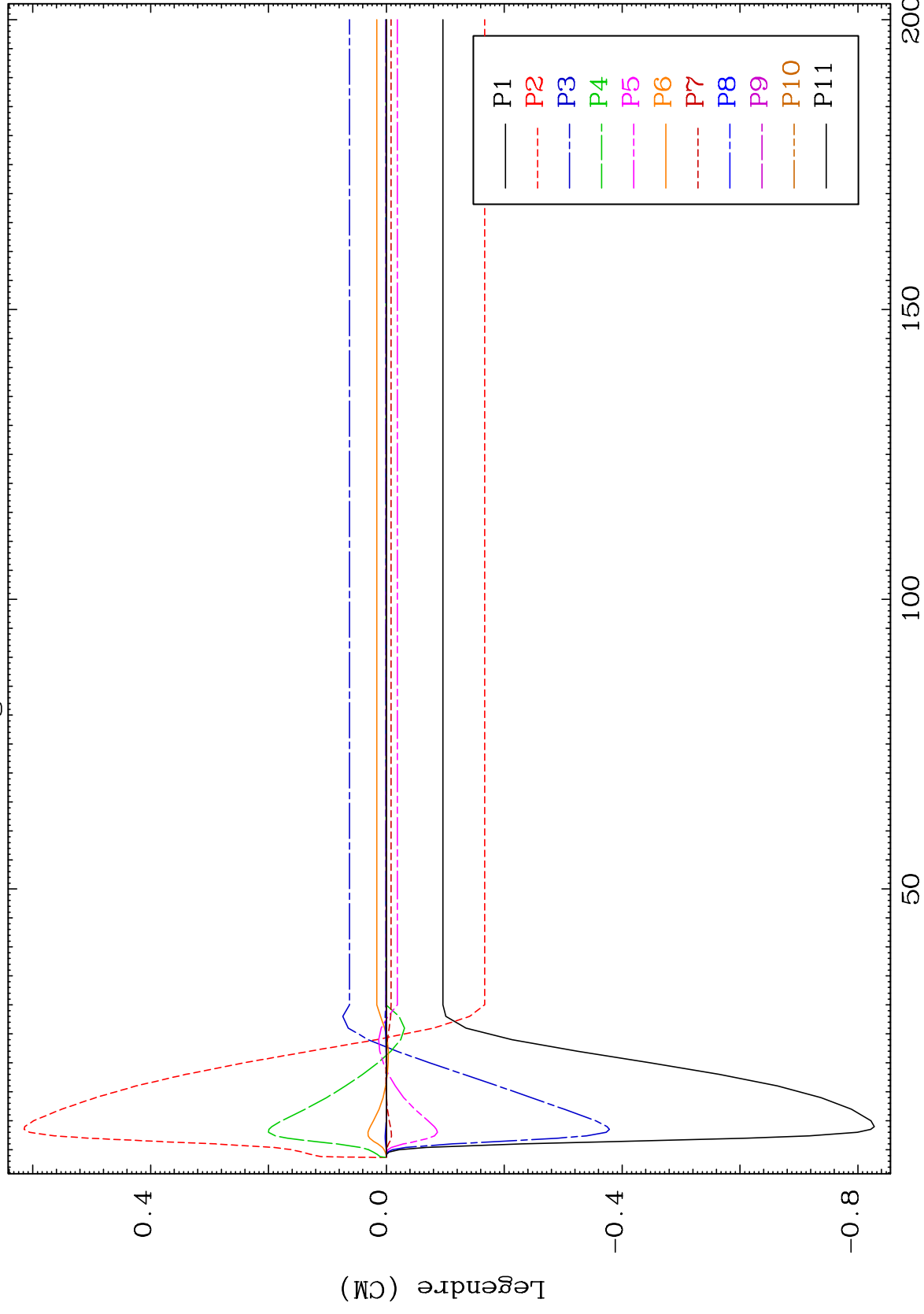


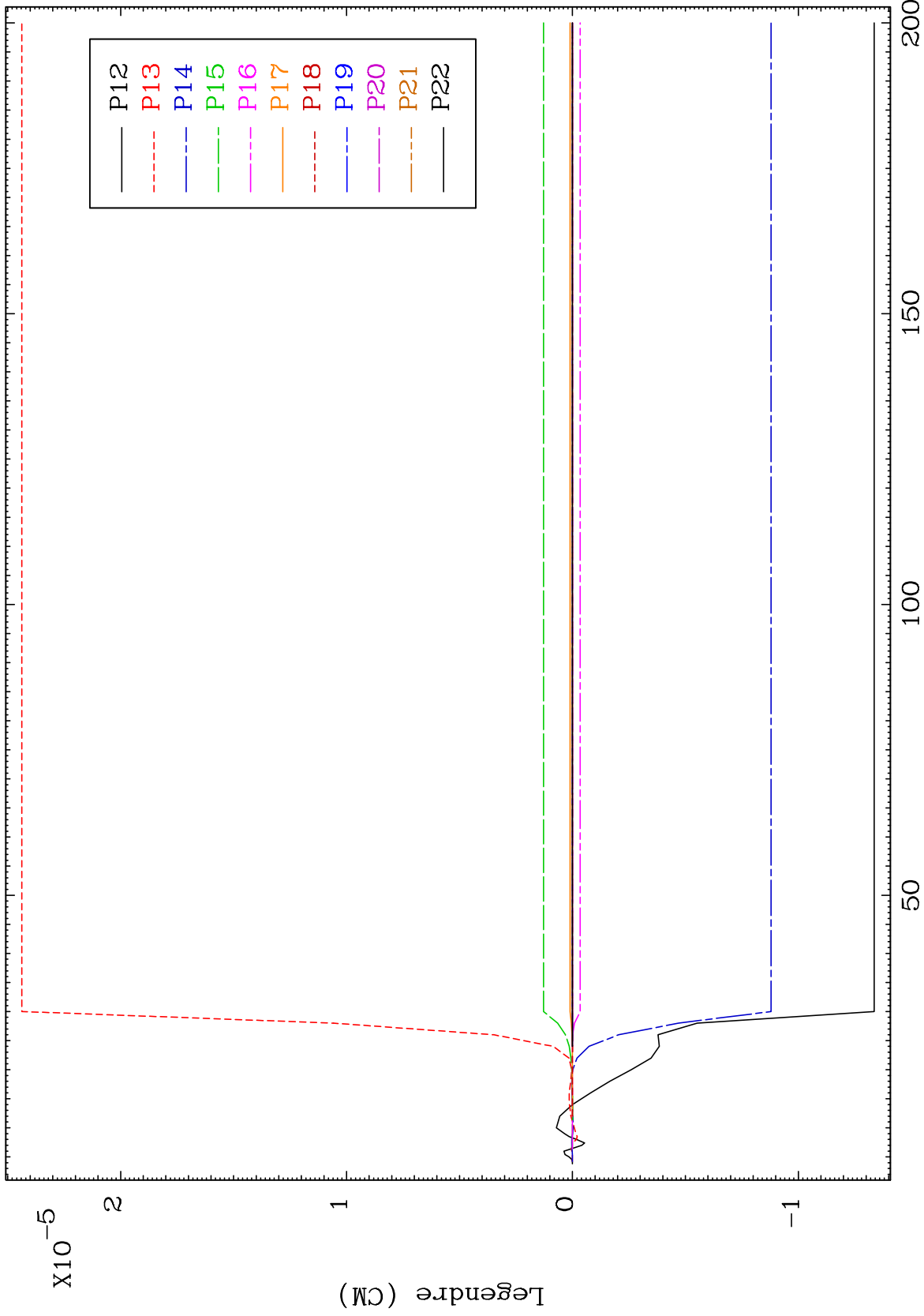
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Incident Energy (MeV)

71-Lu-157



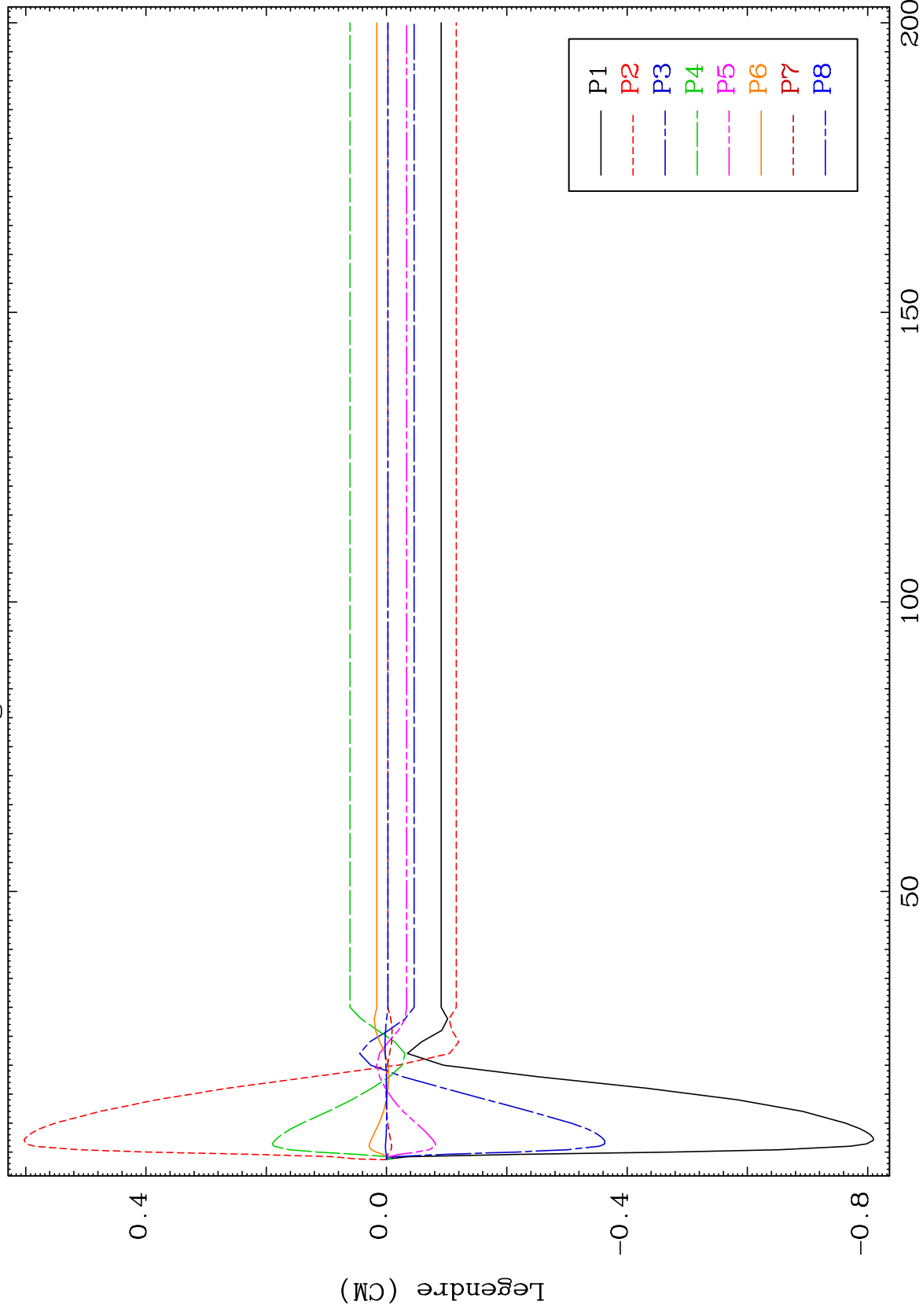




MAT 7071

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

71-Lu-157



71-Lu-157

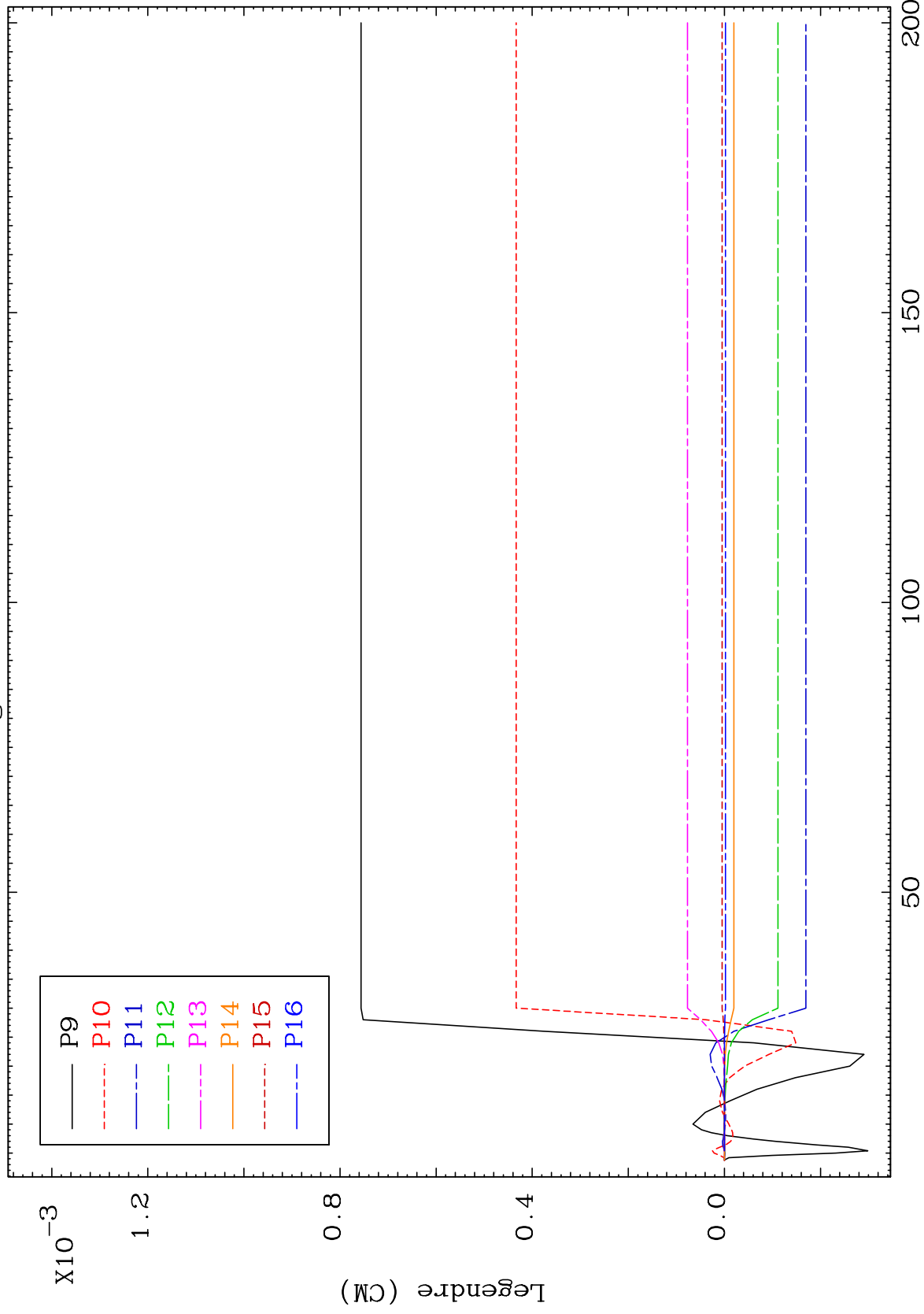
Incident Energy (MeV)

59

MAT 7071

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

71-Lu-157



60

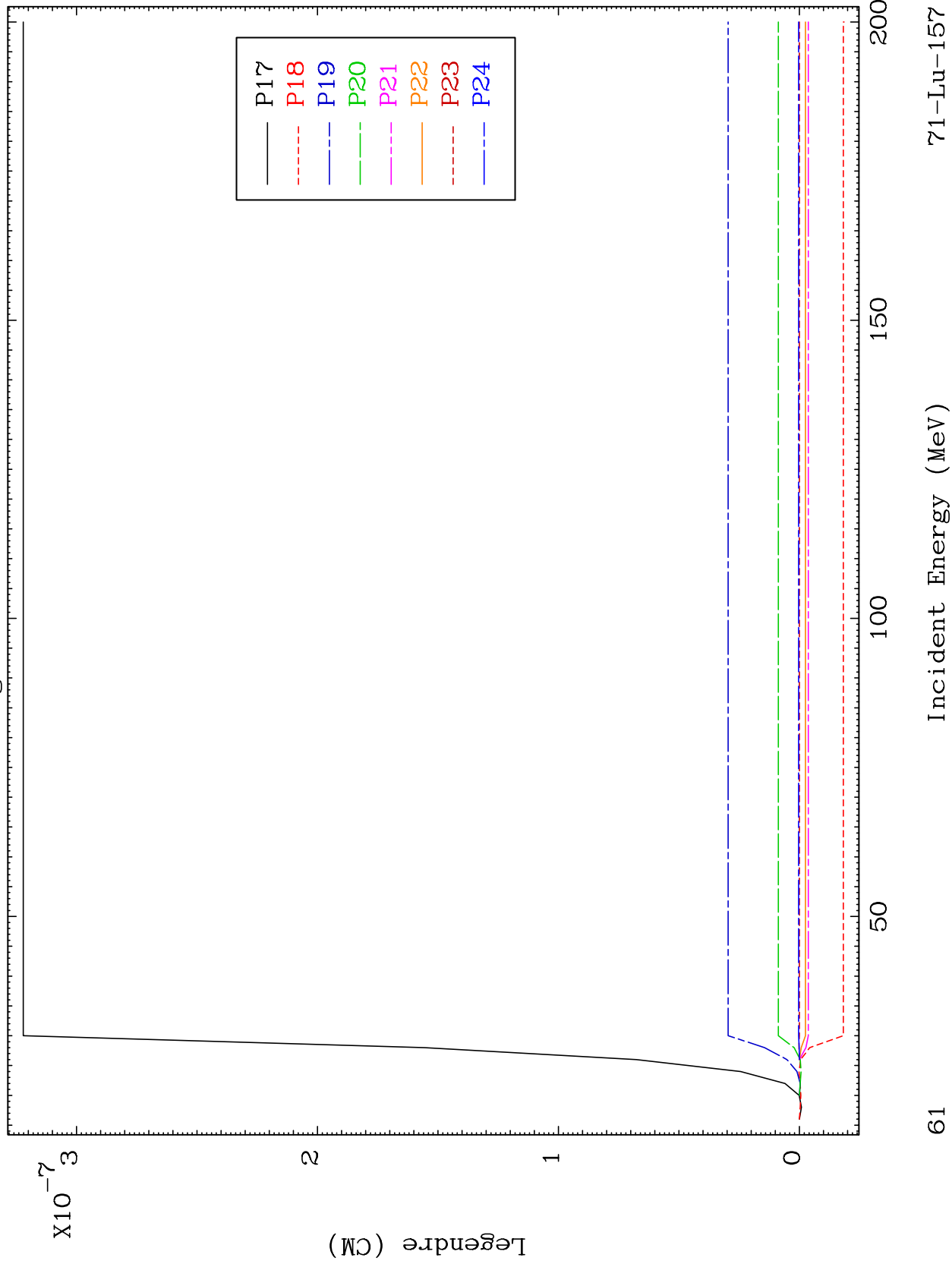
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



61

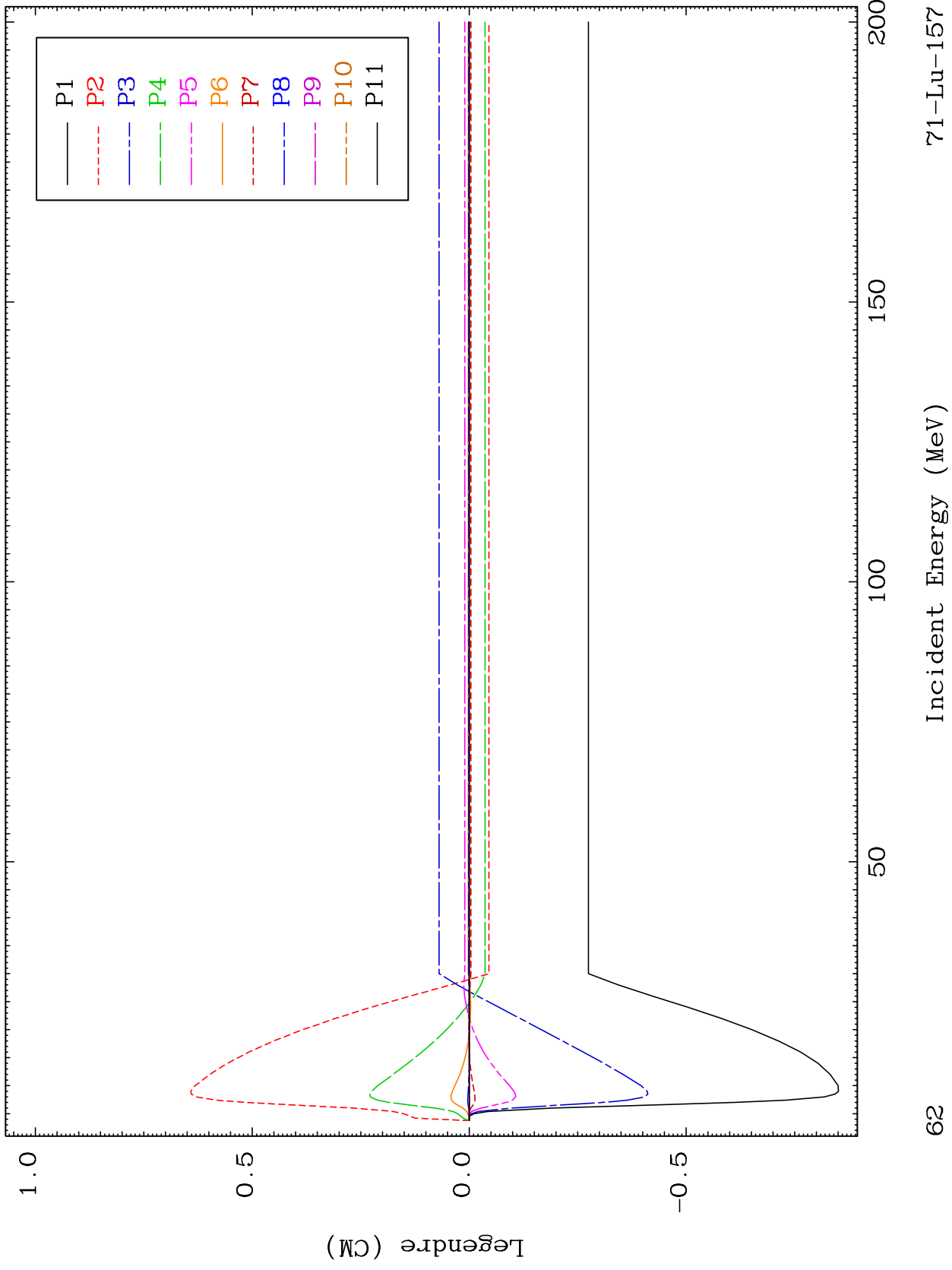
Incident Energy (MeV)

71-Lu-157

MAT 7071

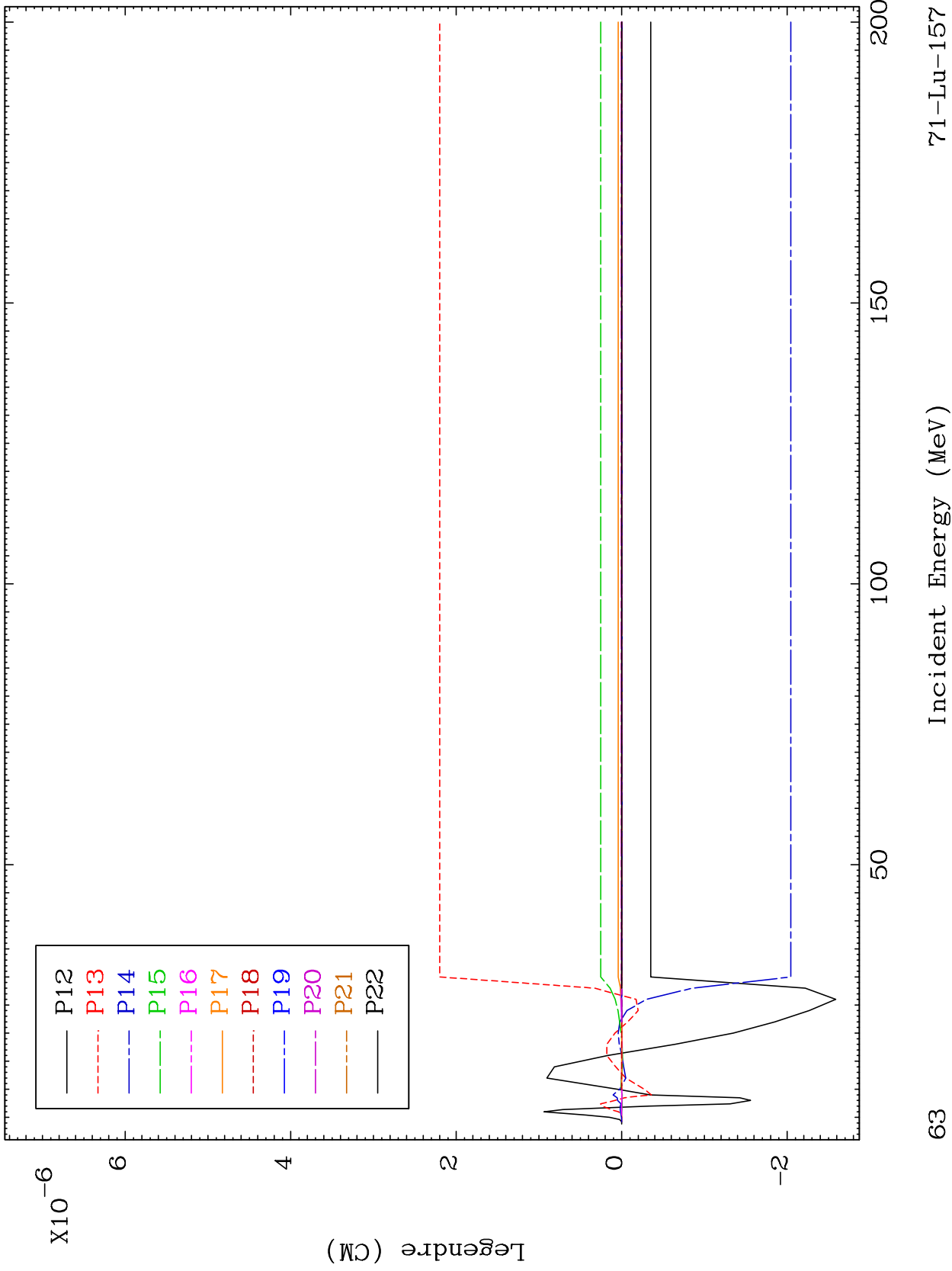
MT= 64 (n,n') Level  
Legendre Coefficients

71-Lu-157



62

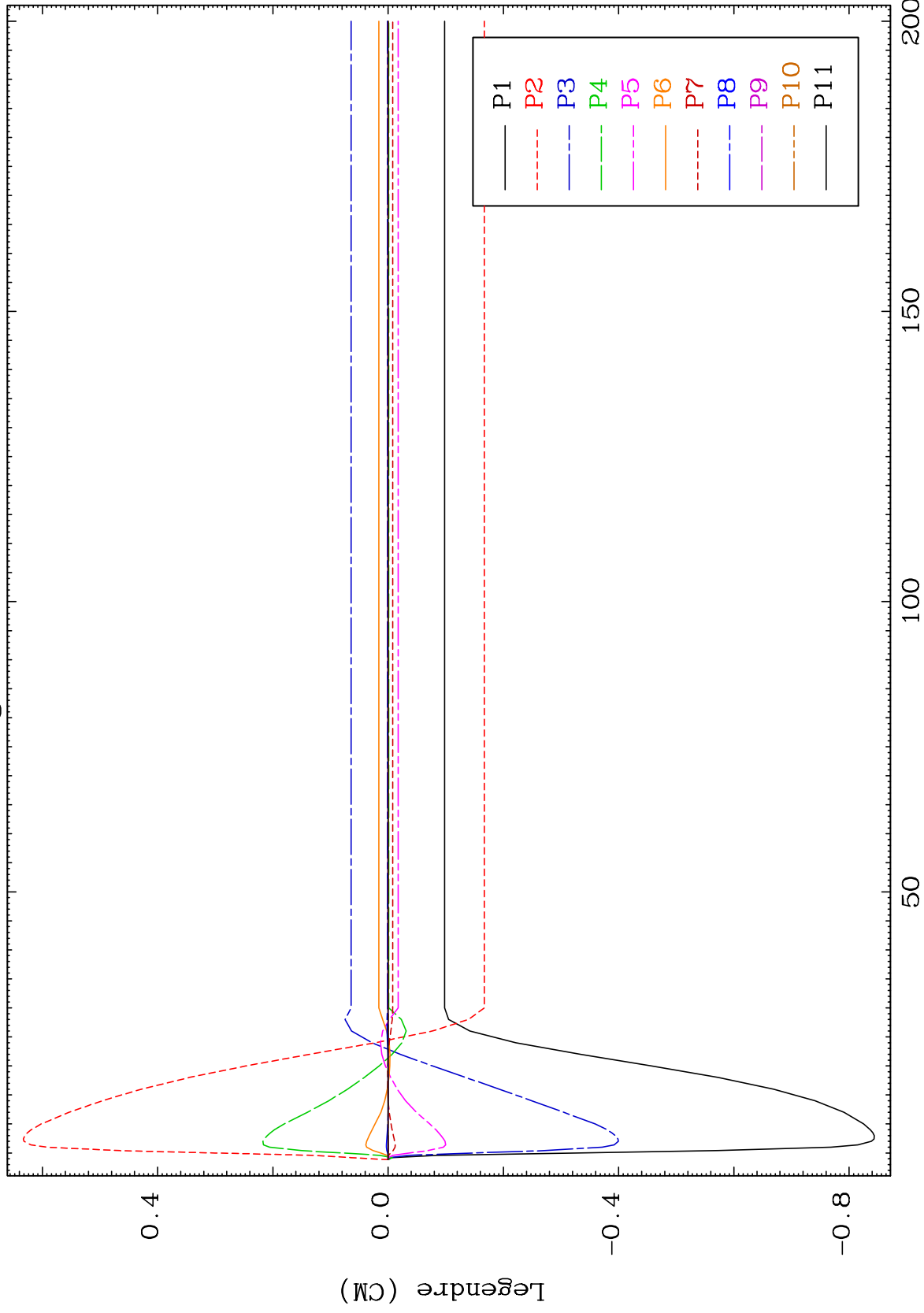
71-Lu-157



MAT 7071

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

71-Lu-157



64

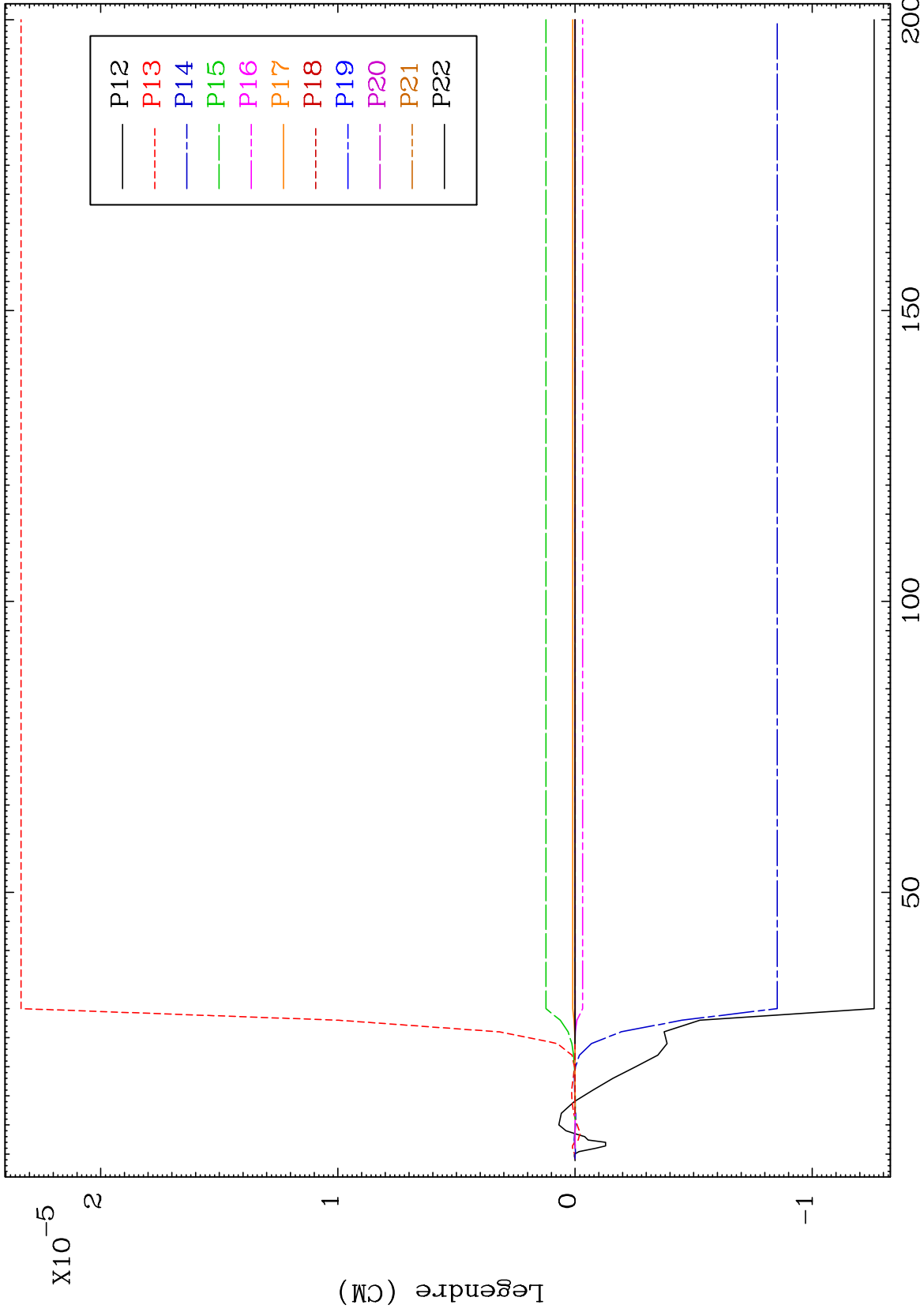
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



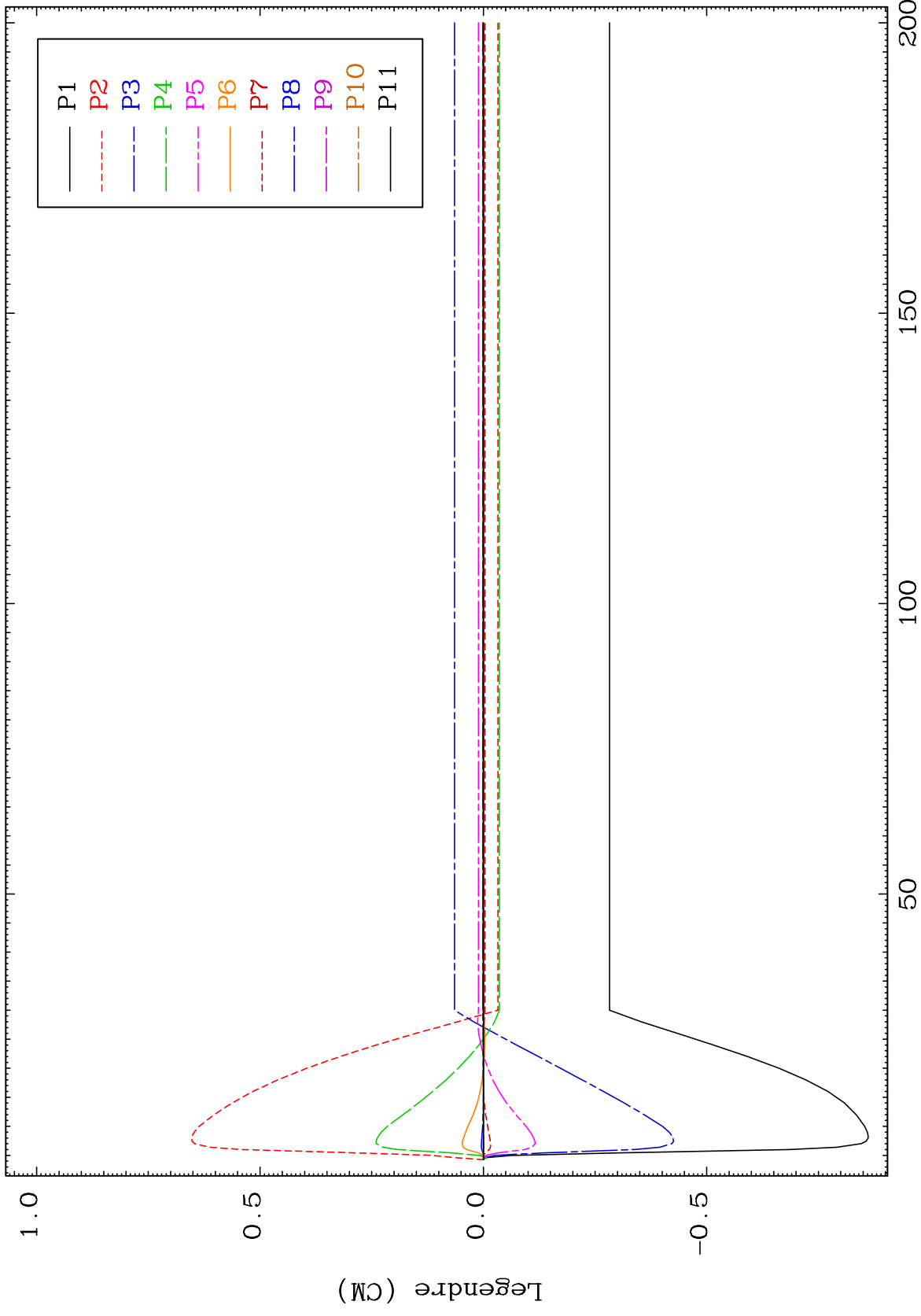
65

71-Lu-157

MAT 7071

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

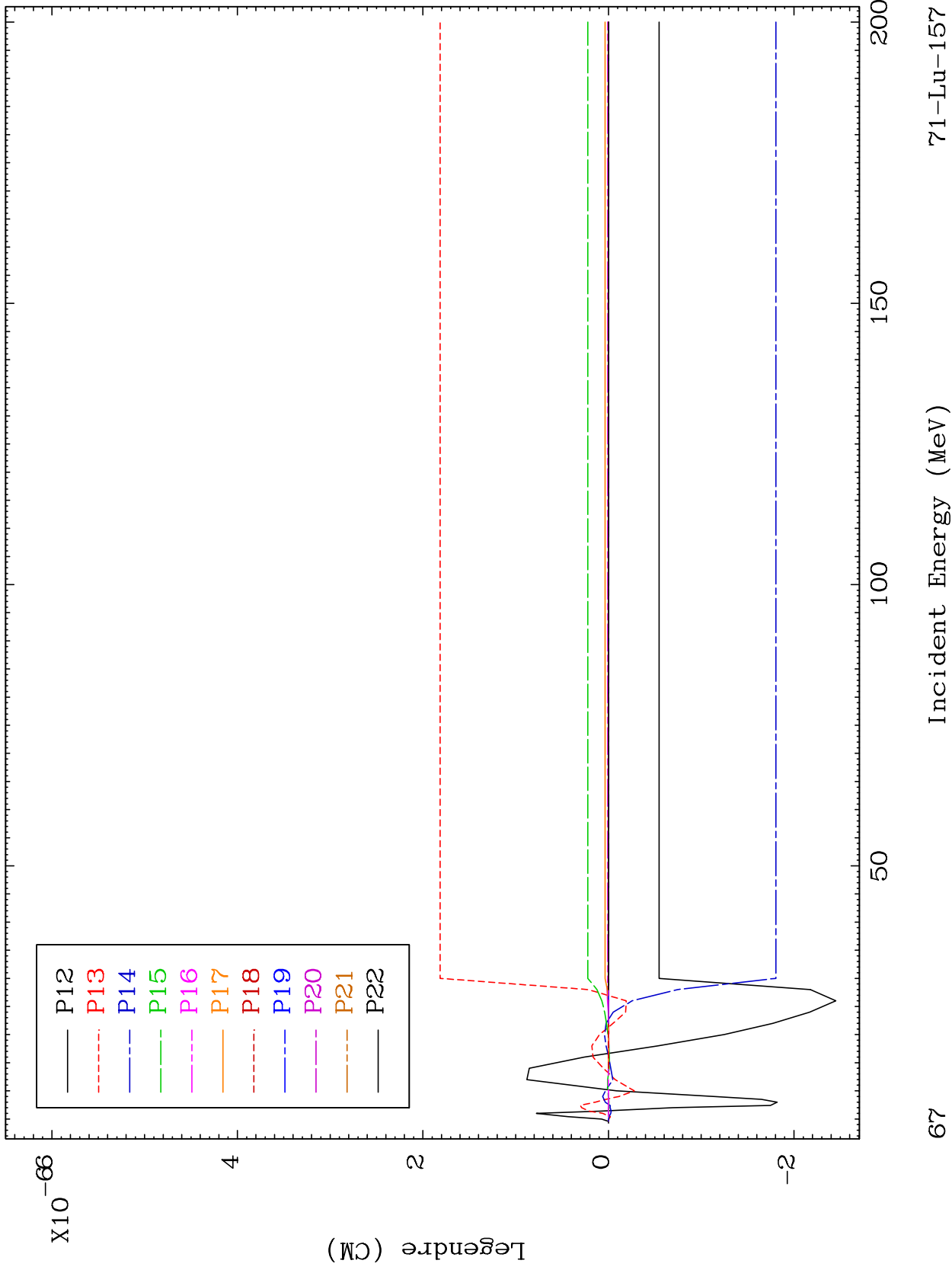
71-Lu-157



66

Incident Energy (MeV)

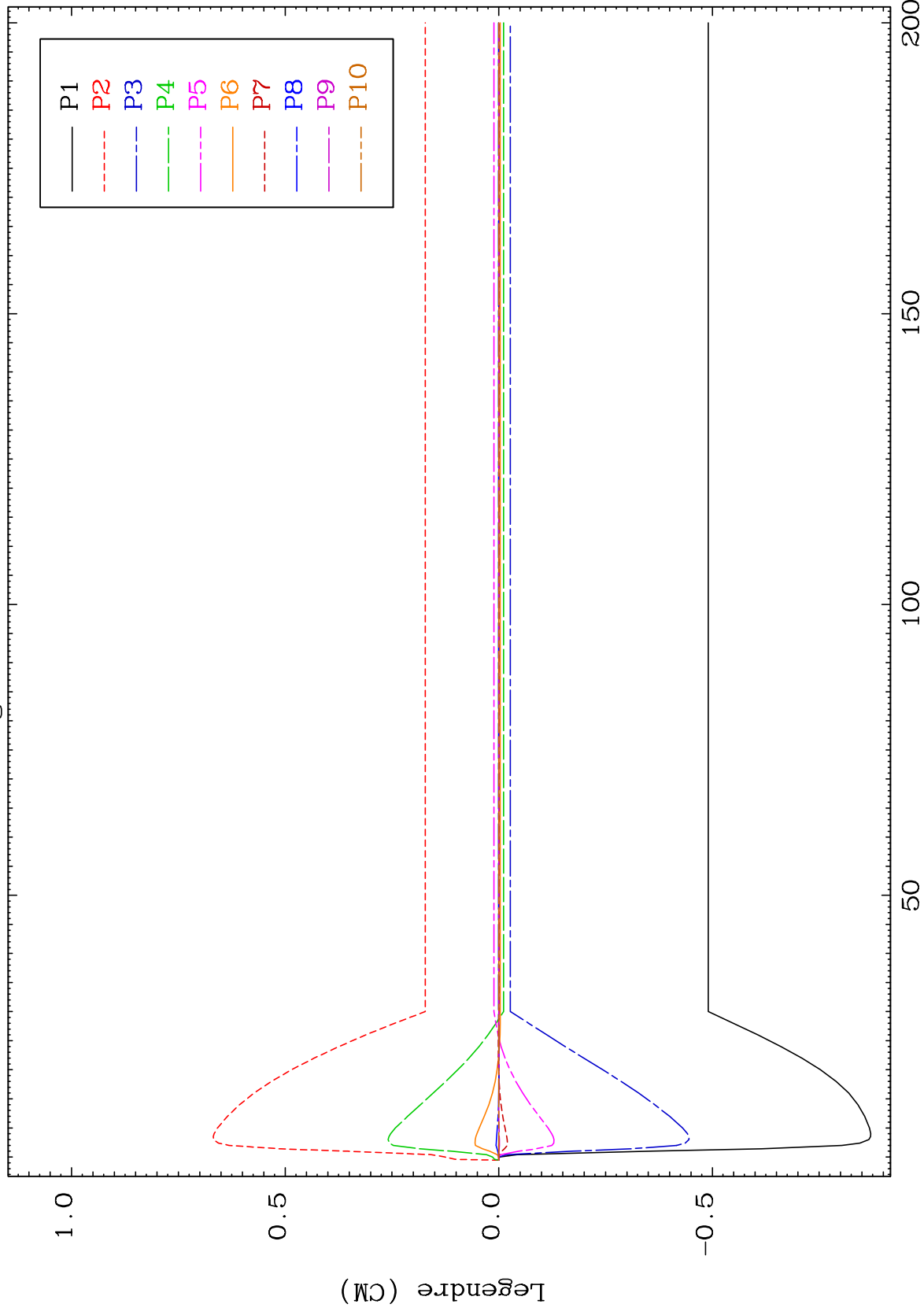
71-Lu-157



MAT 7071

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

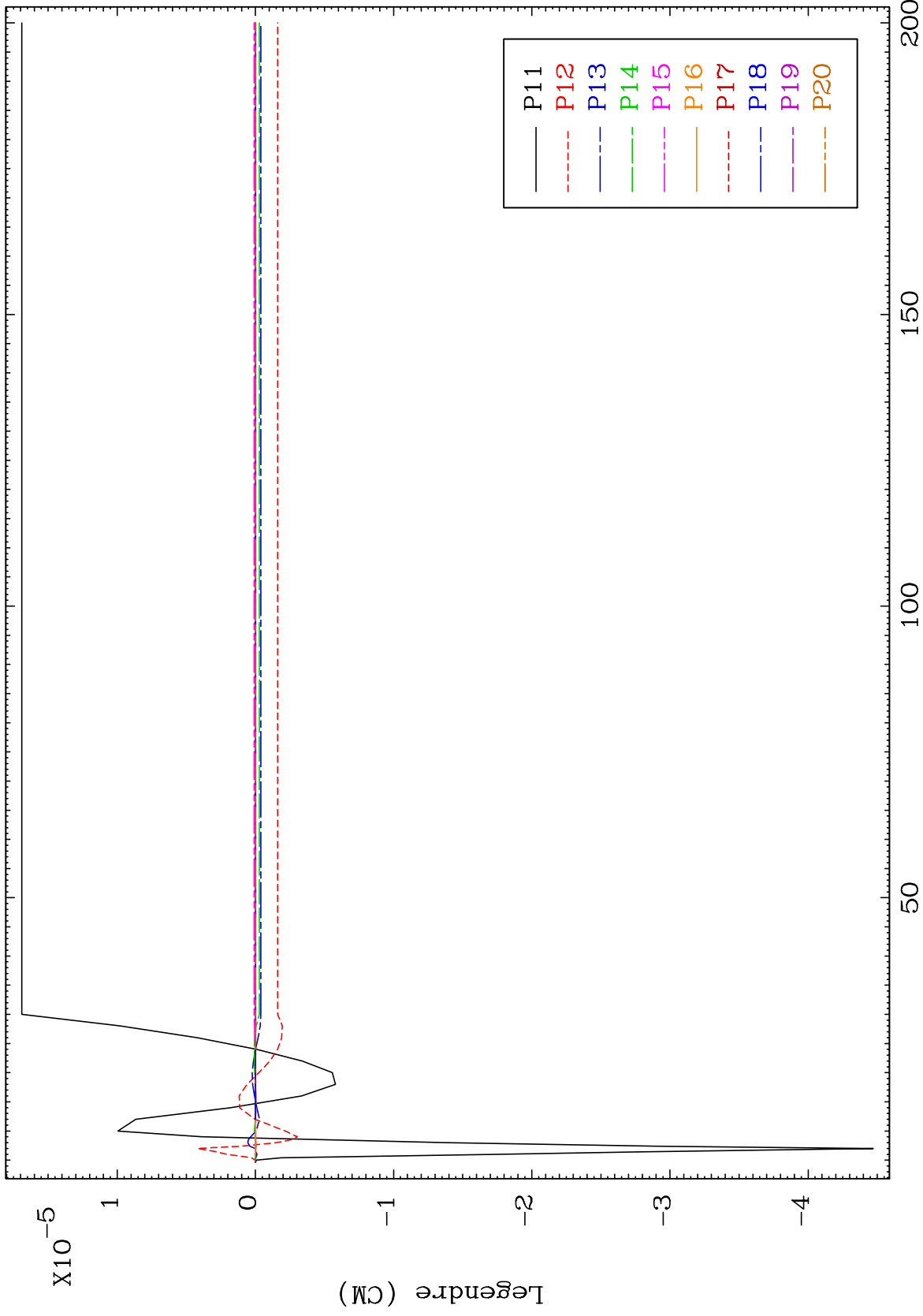
71-Lu-157

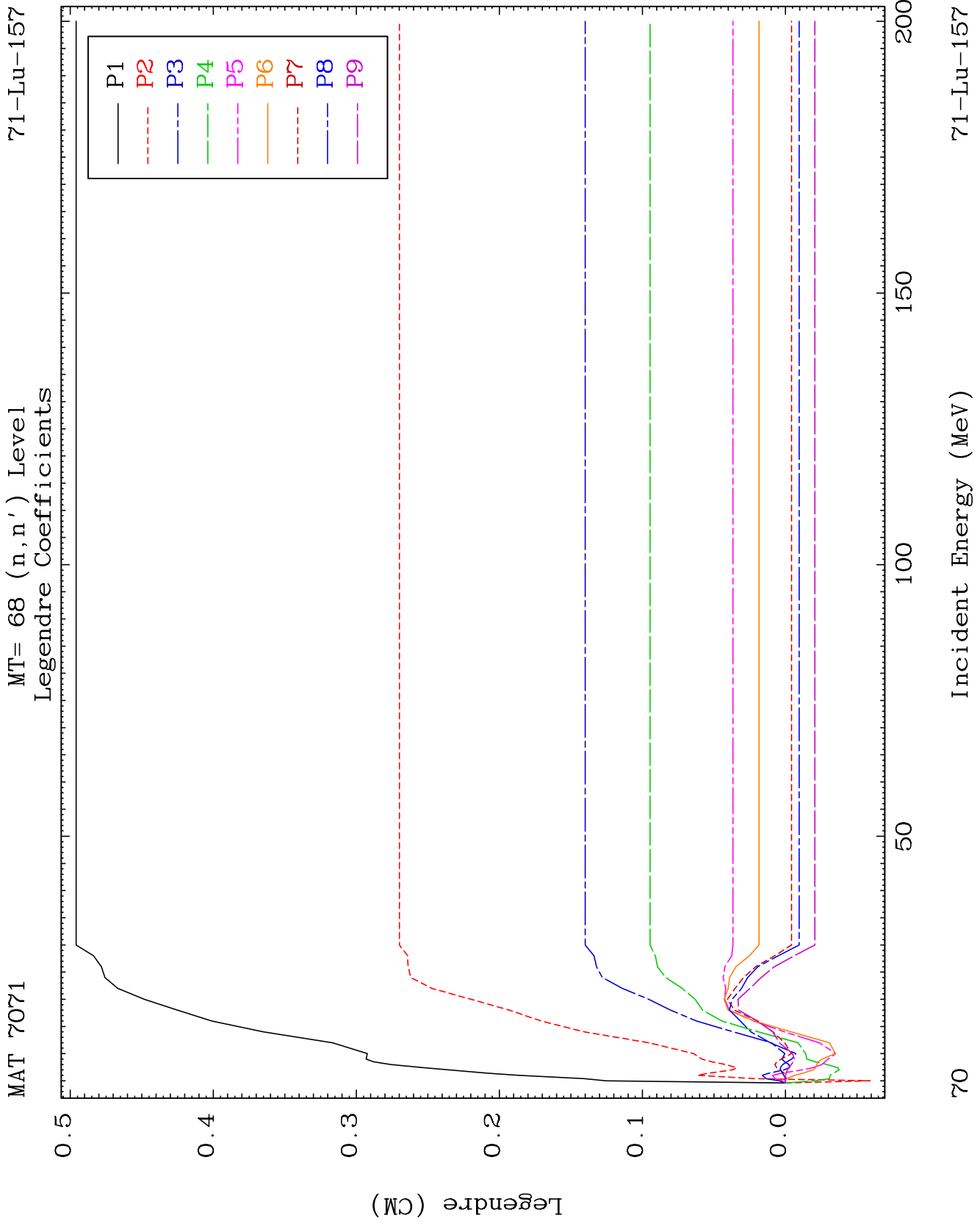


68

Incident Energy (MeV)

71-Lu-157

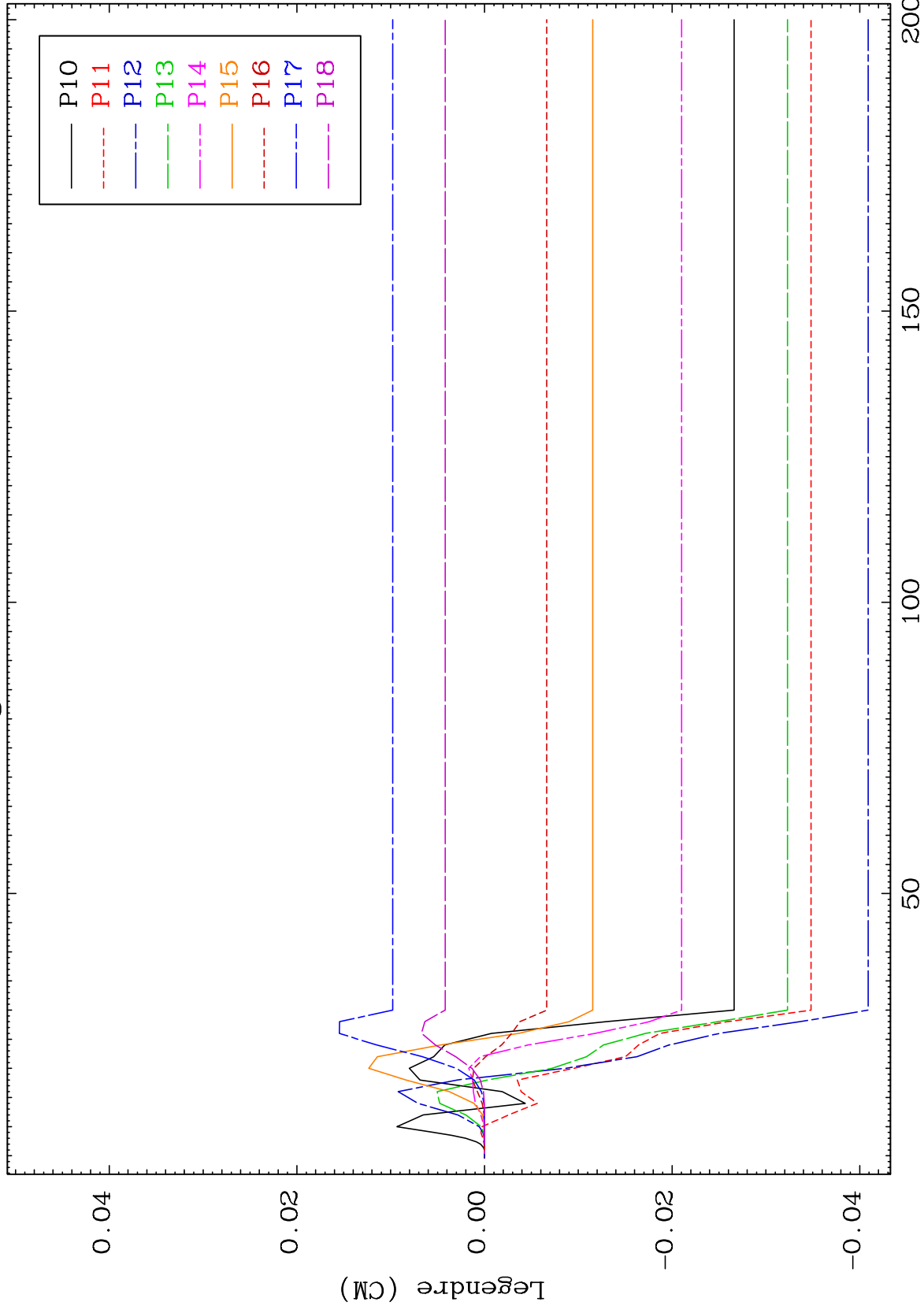




MAT 7071

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

71-Lu-157



71

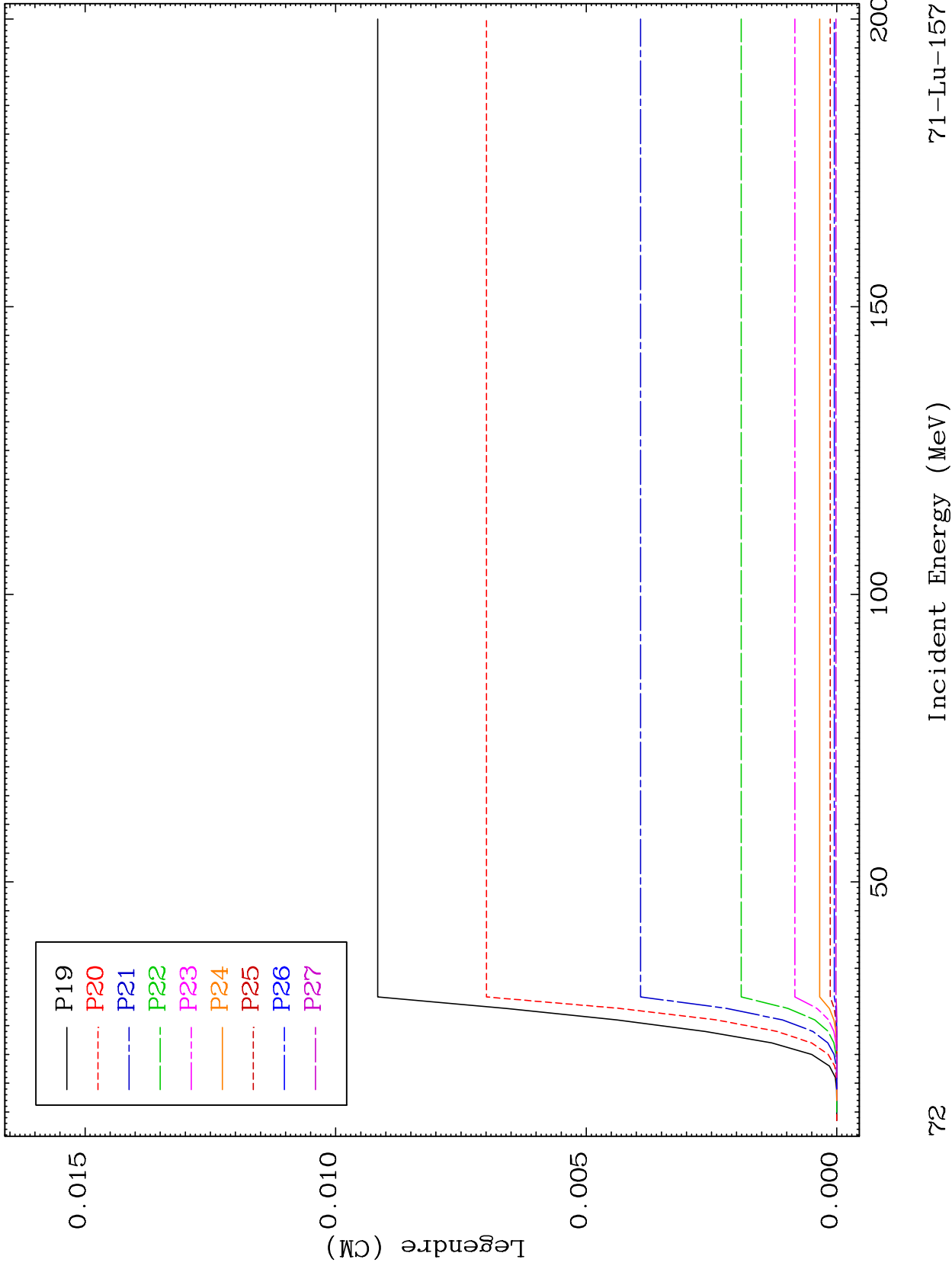
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

71-Lu-157



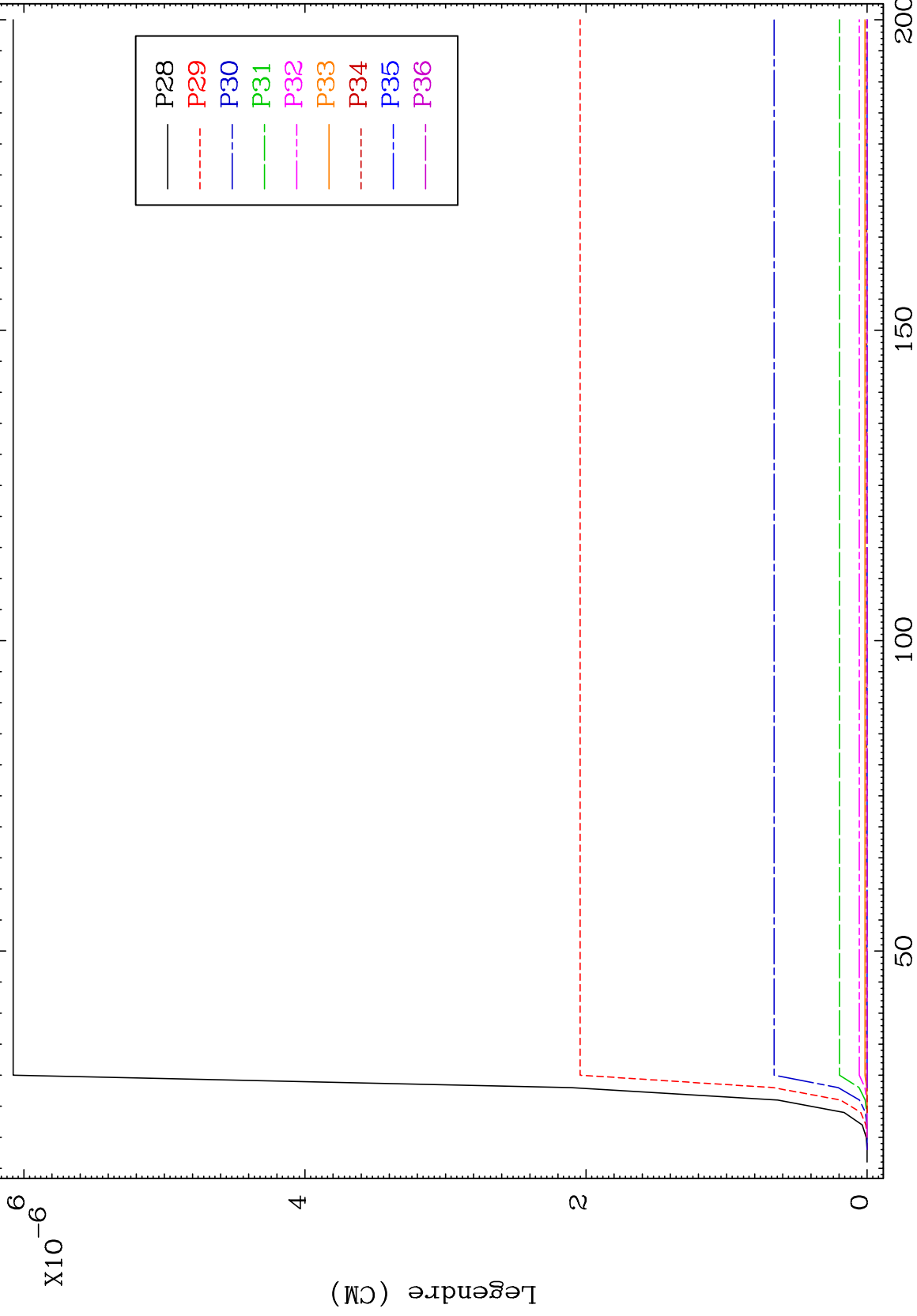
72

71-Lu-157

MAT 7071

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

71-Lu-157



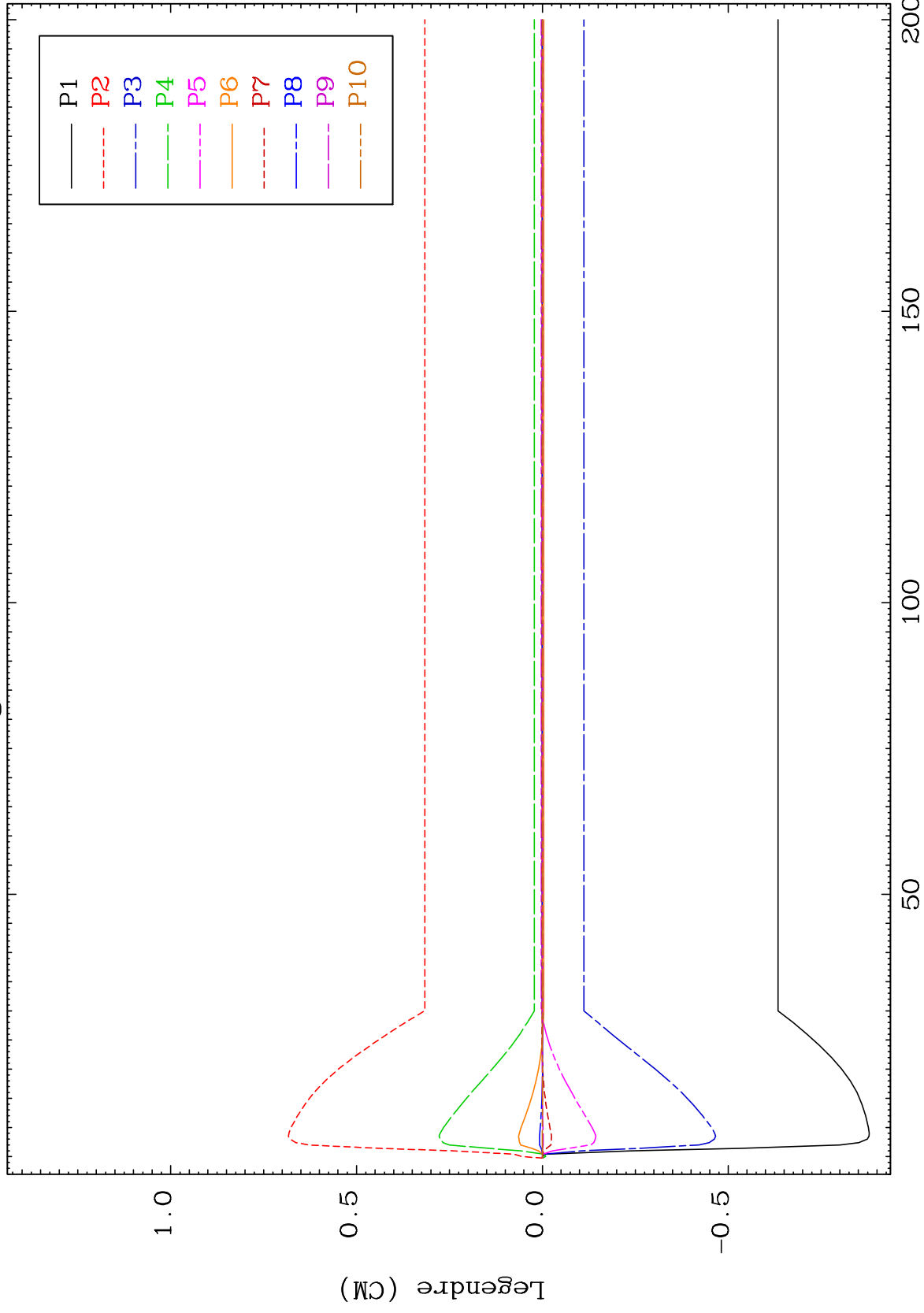
73

71-Lu-157

MAT 7071

MT= 69 (n,n') Level  
Legendre Coefficients

71-Lu-157



74

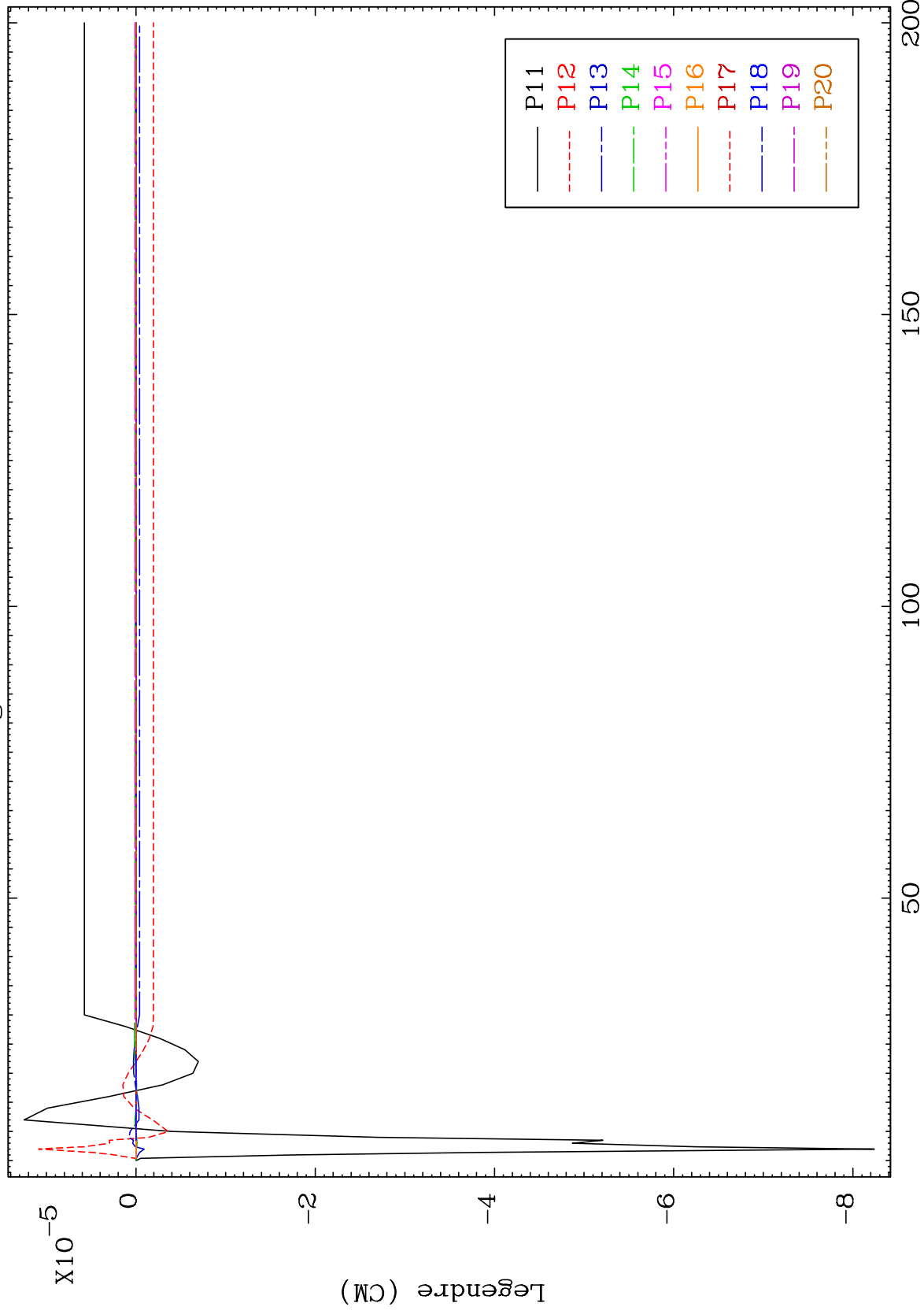
Incident Energy (MeV)

71-Lu-157

MAT 7071

MT= 69 (n,n') Level  
Legendre Coefficients

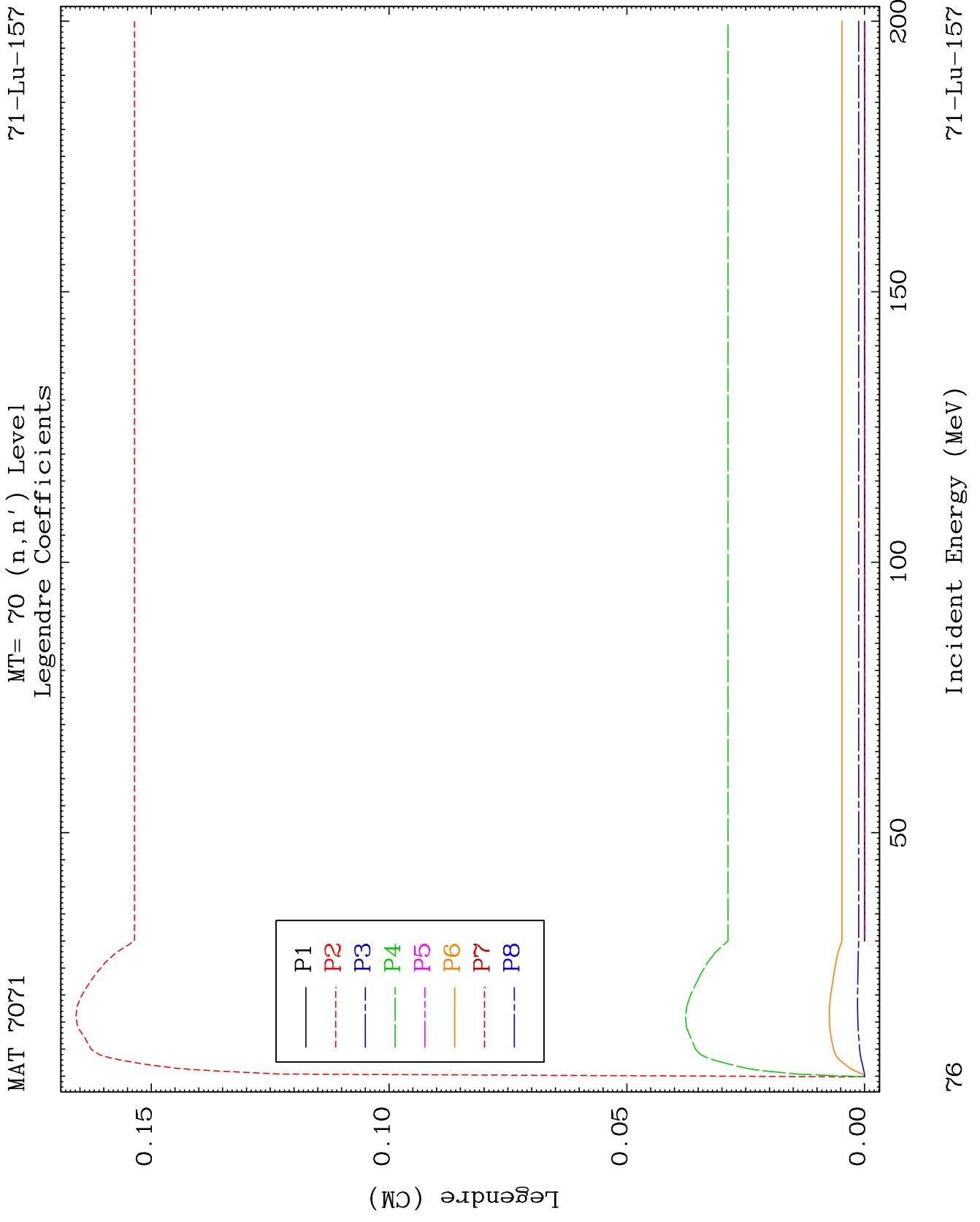
71-Lu-157



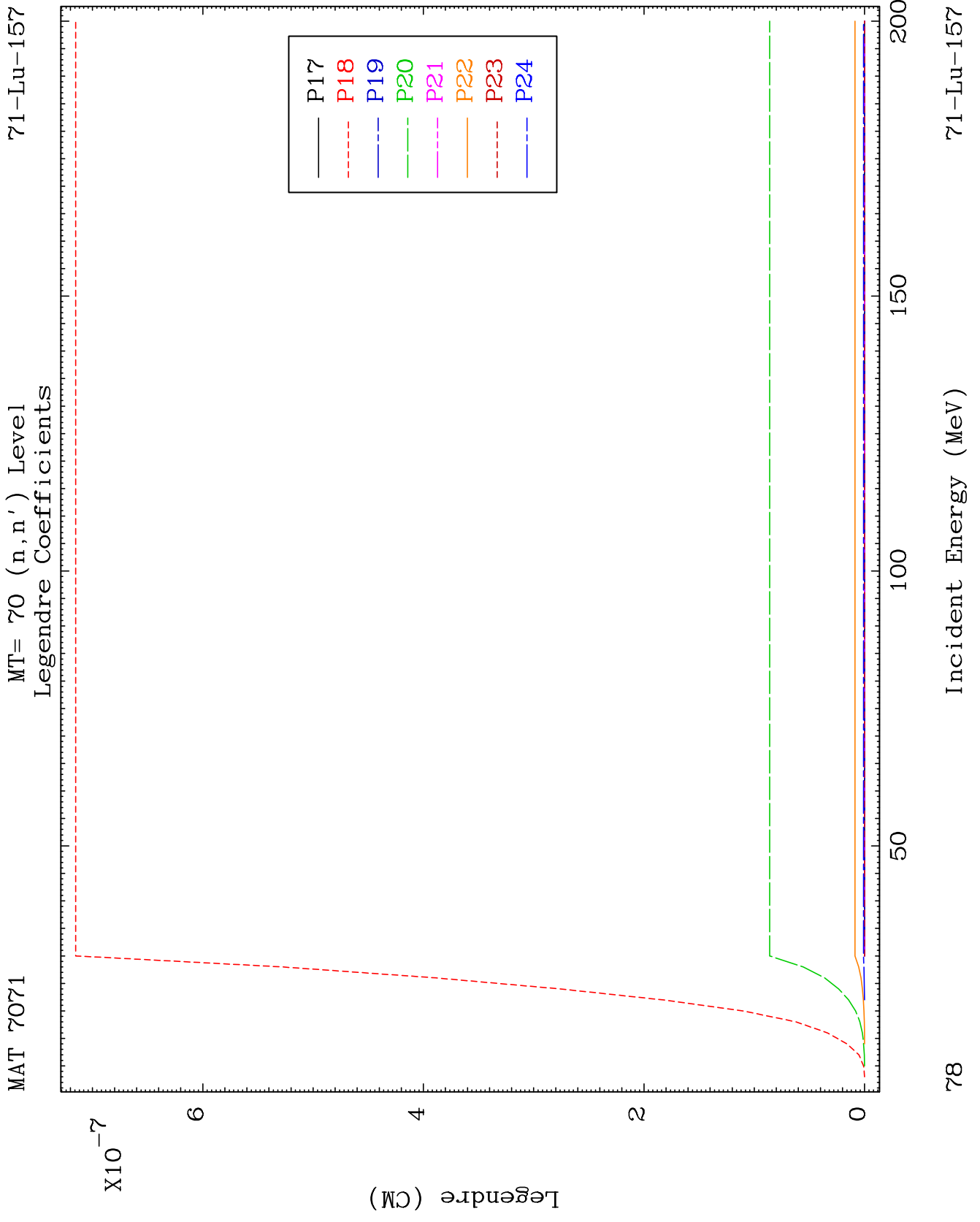
75

Incident Energy (MeV)

71-Lu-157



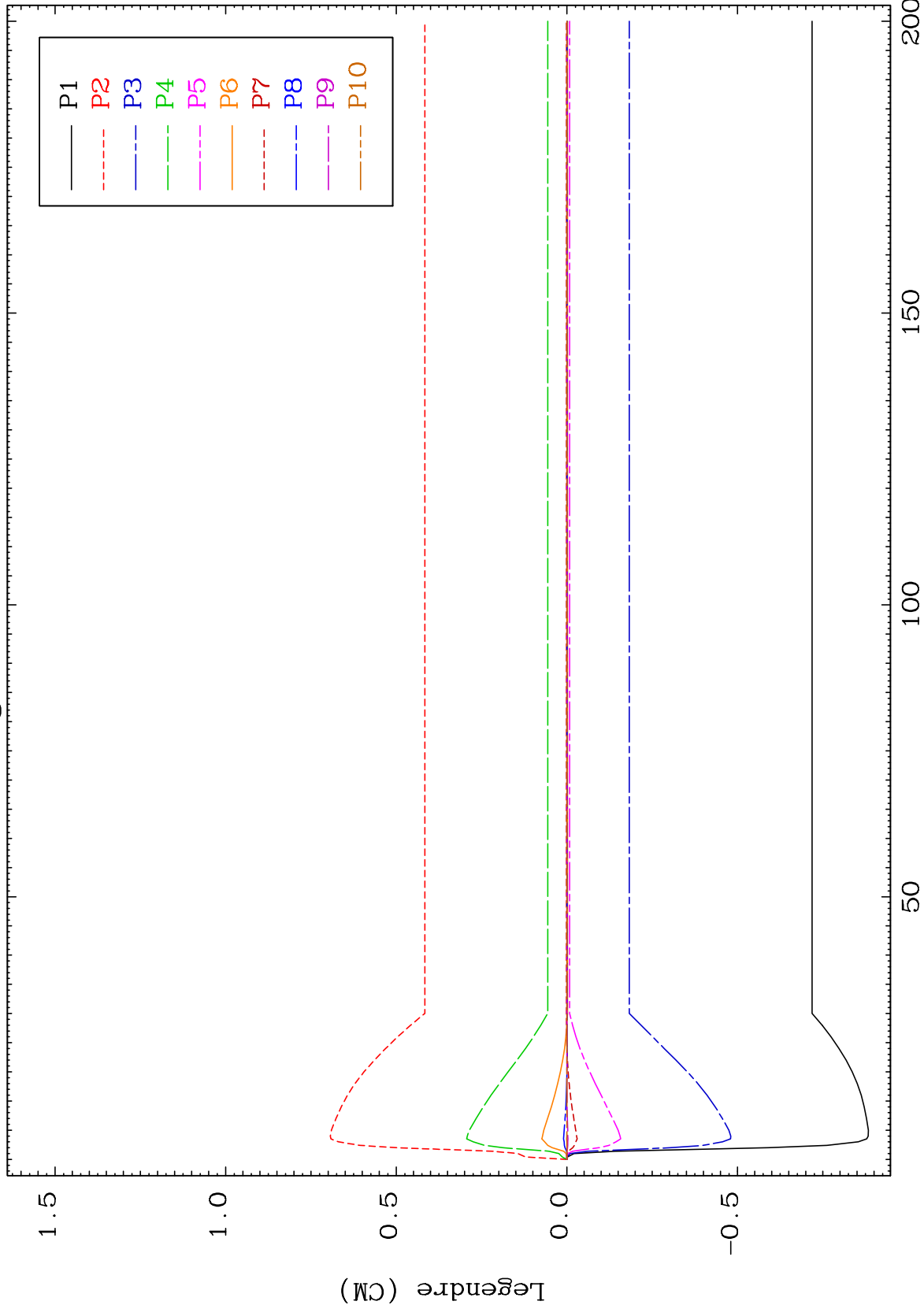




MAT 7071

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

71-Lu-157



79

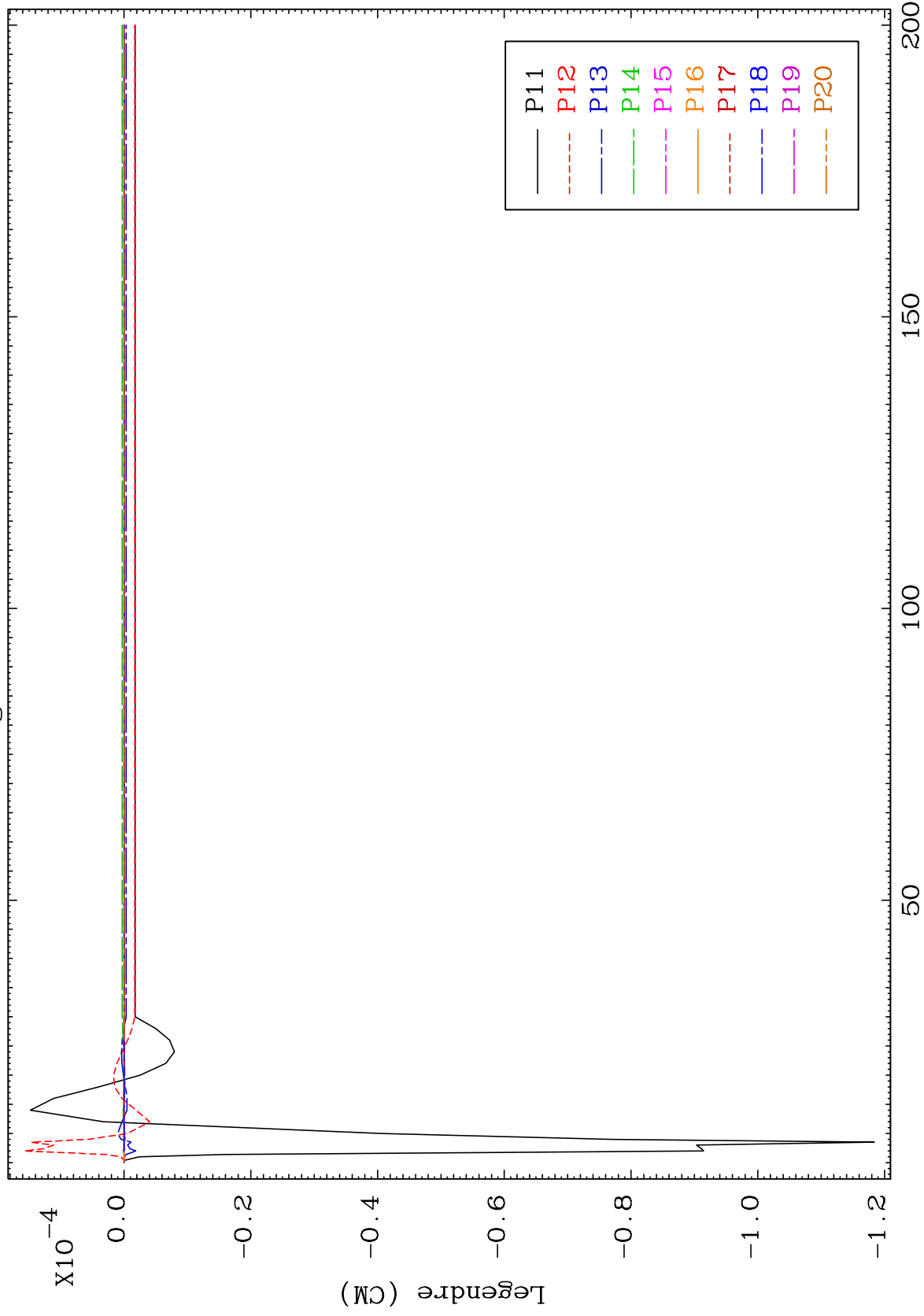
Incident Energy (MeV)

71-Lu-157

MAT 7071

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

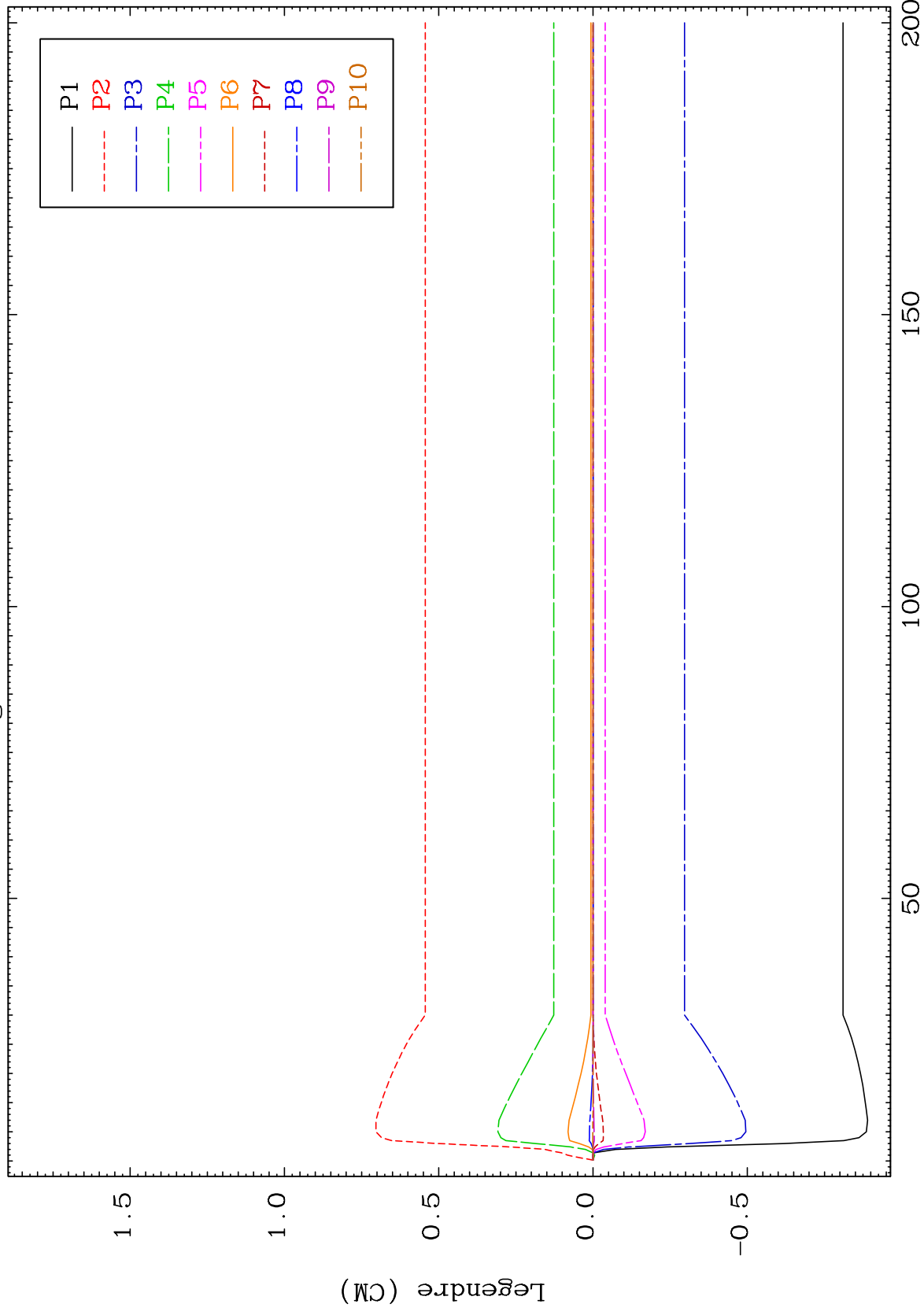
71-Lu-157



80

Incident Energy (MeV)

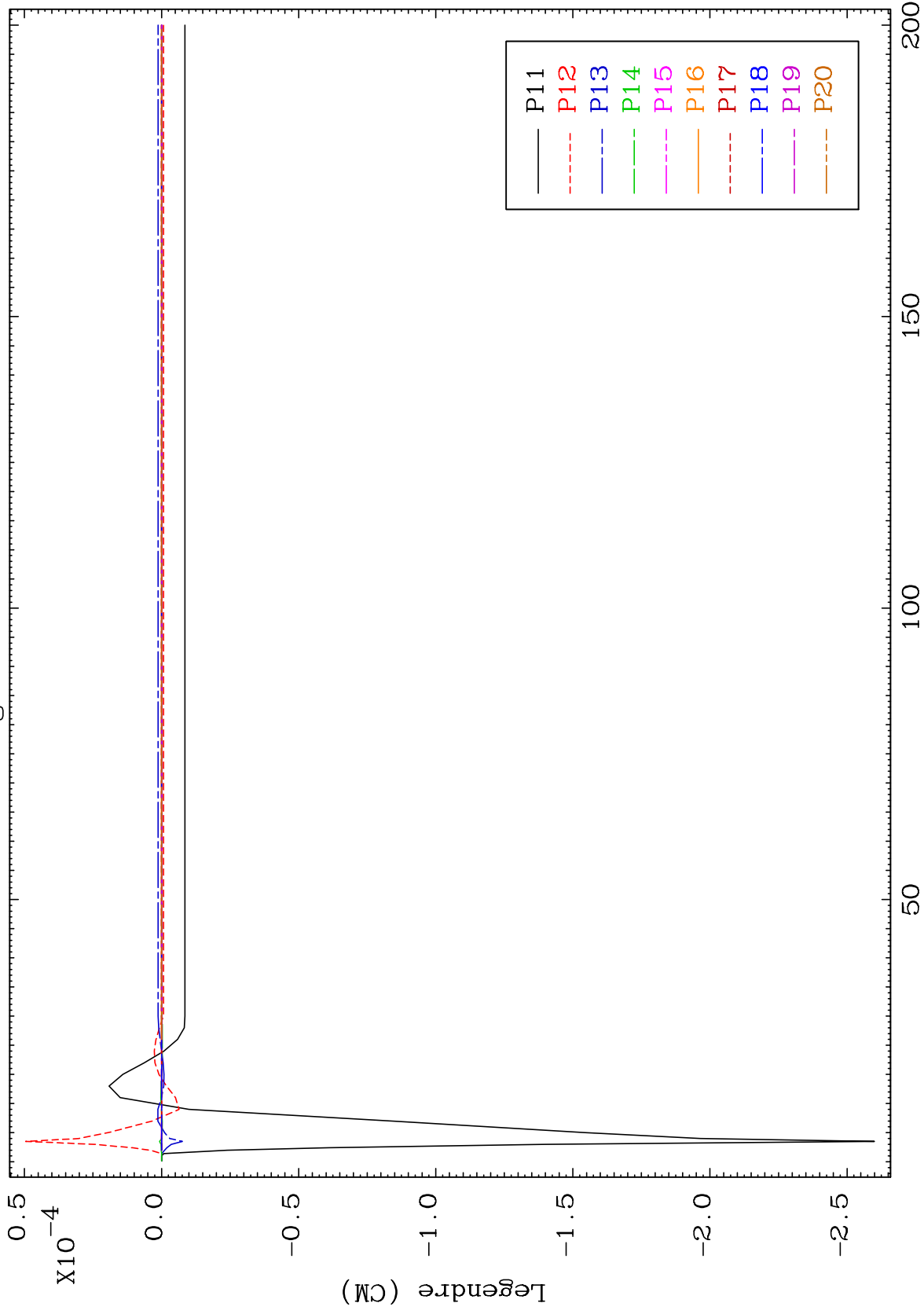
71-Lu-157



MAT 7071

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

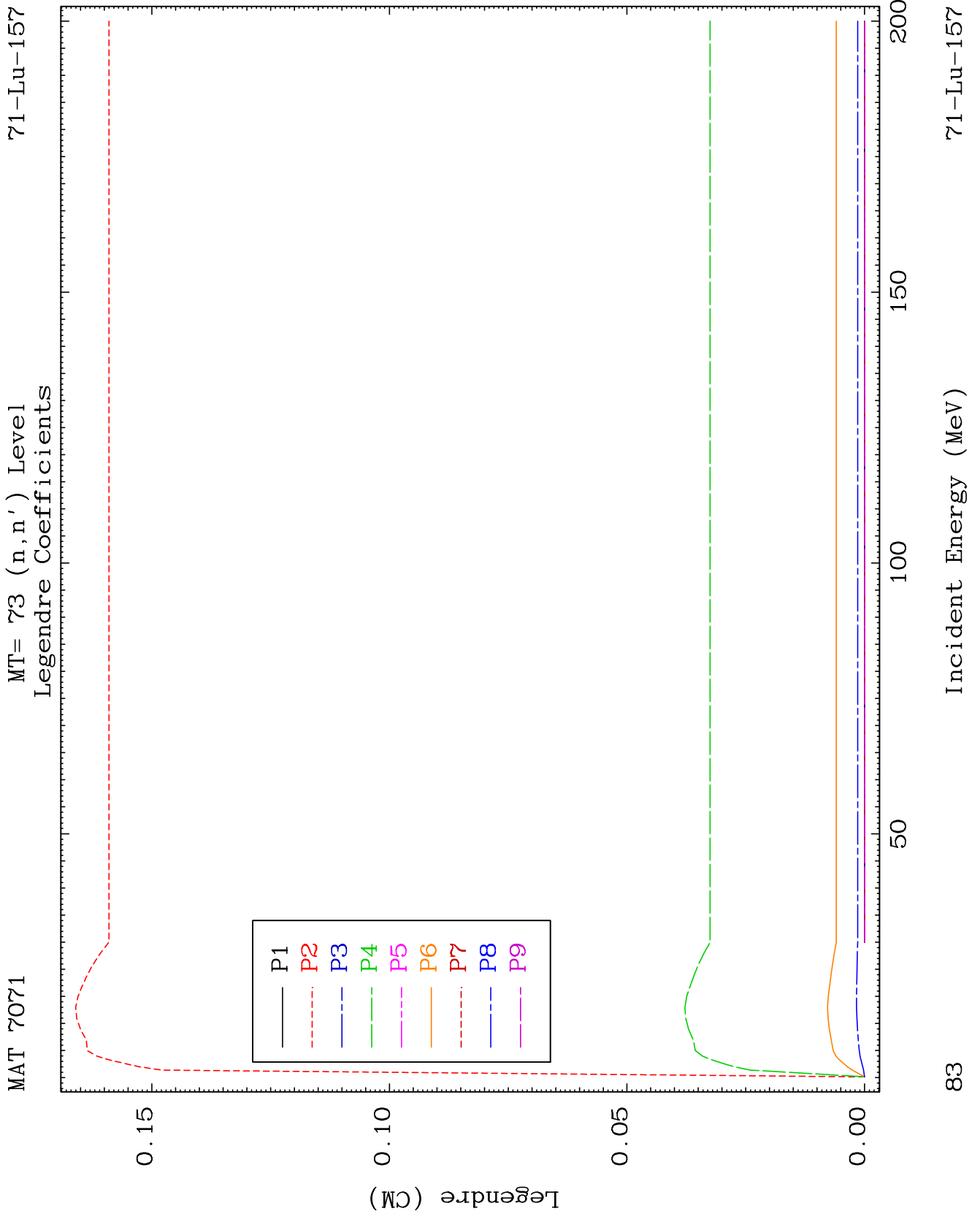
71-Lu-157



82

Incident Energy (MeV)

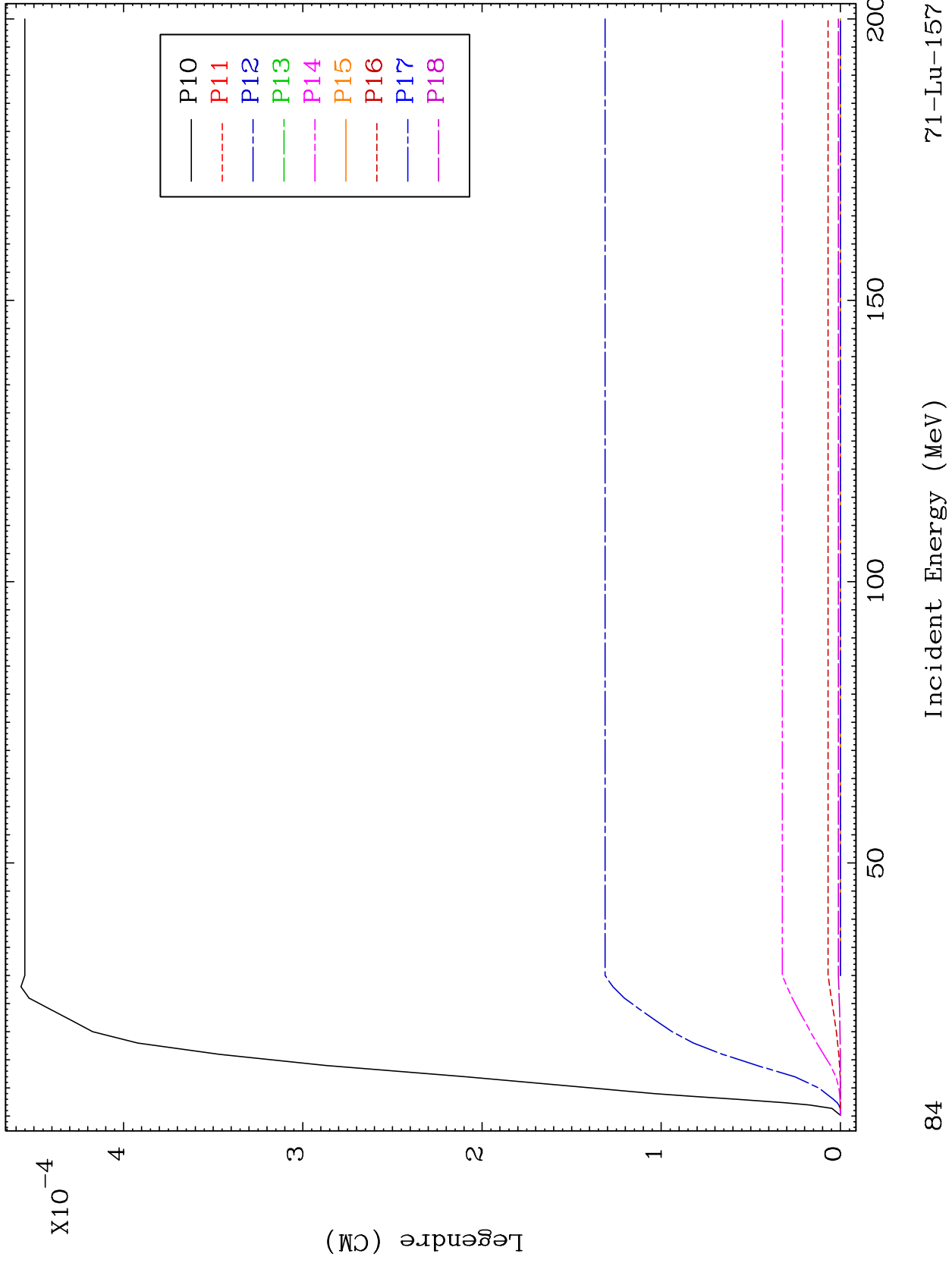
71-Lu-157



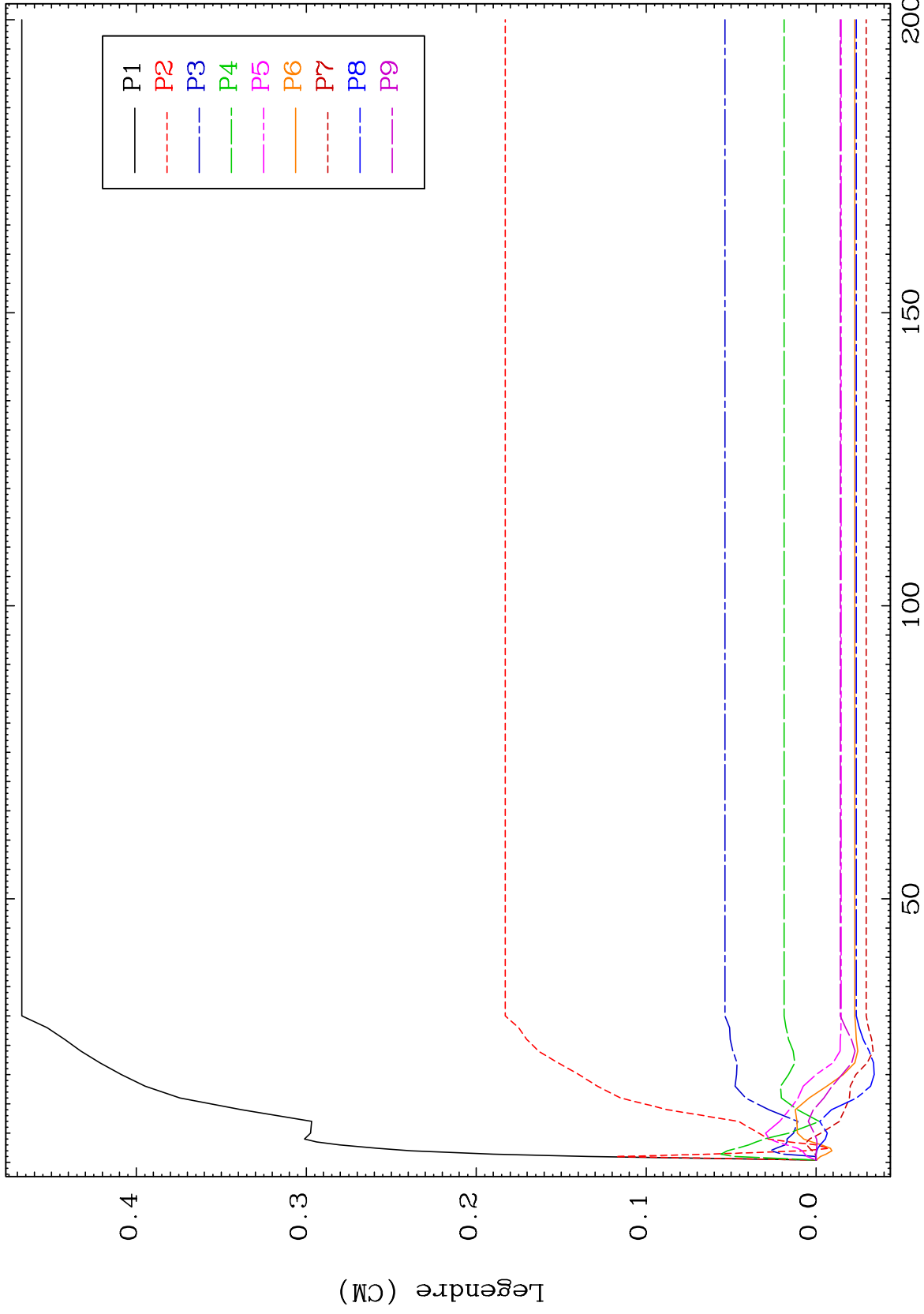
MAT 7071

MT= 73 (n,n') Level  
Legendre Coefficients

71-Lu-157



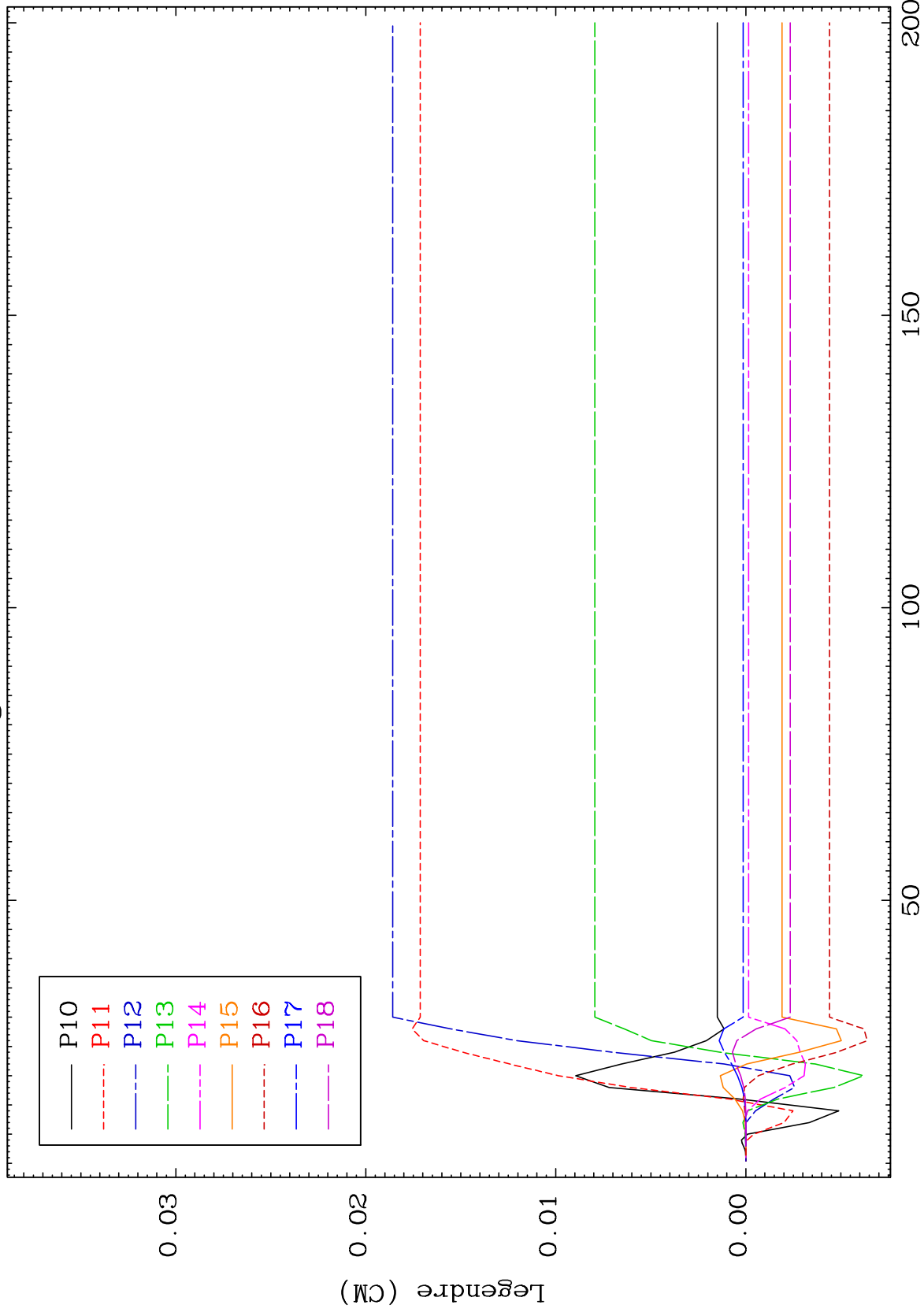




MAT 7071

MT= 74 (n,n') Level  
Legendre Coefficients

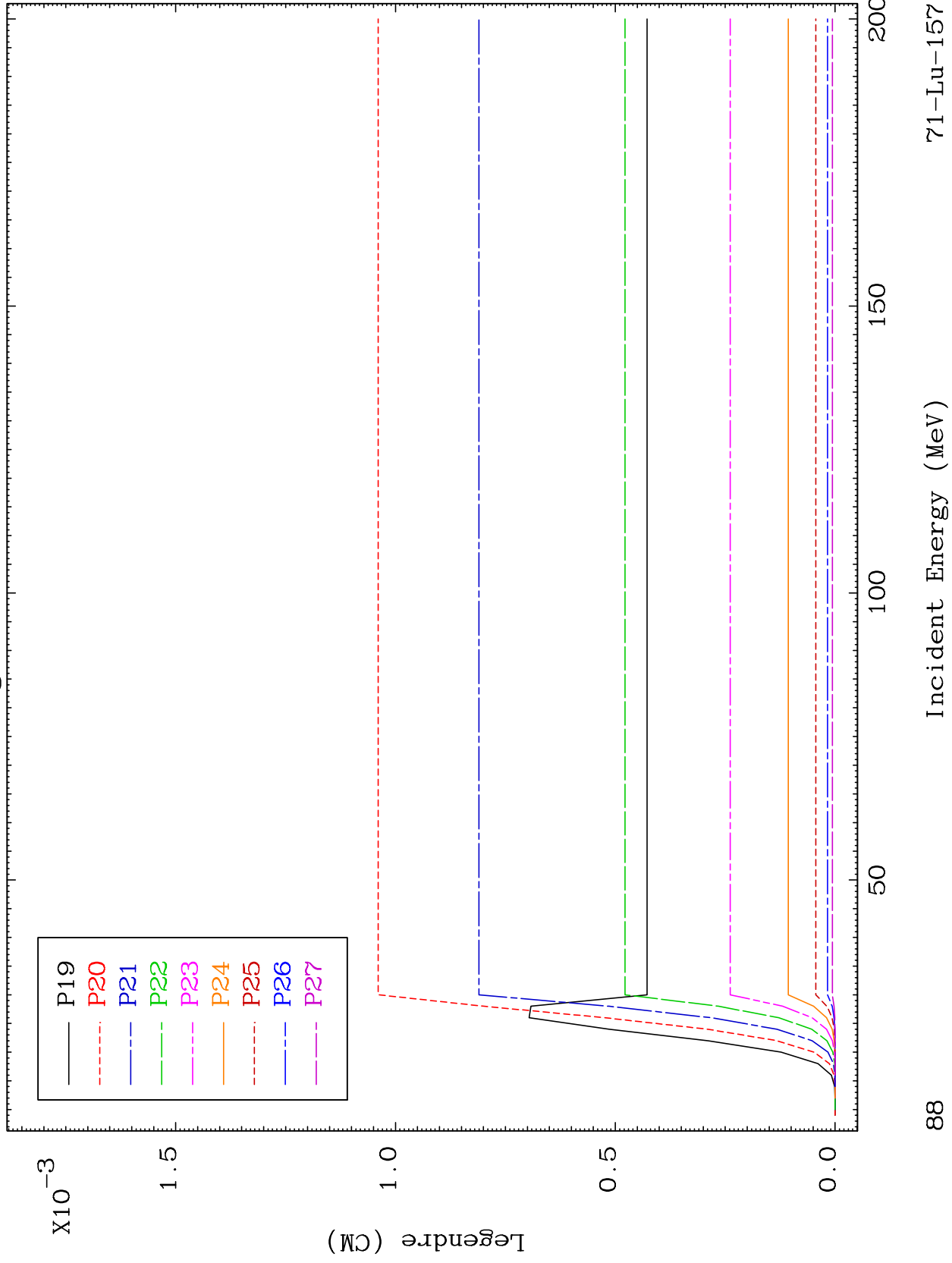
71-Lu-157

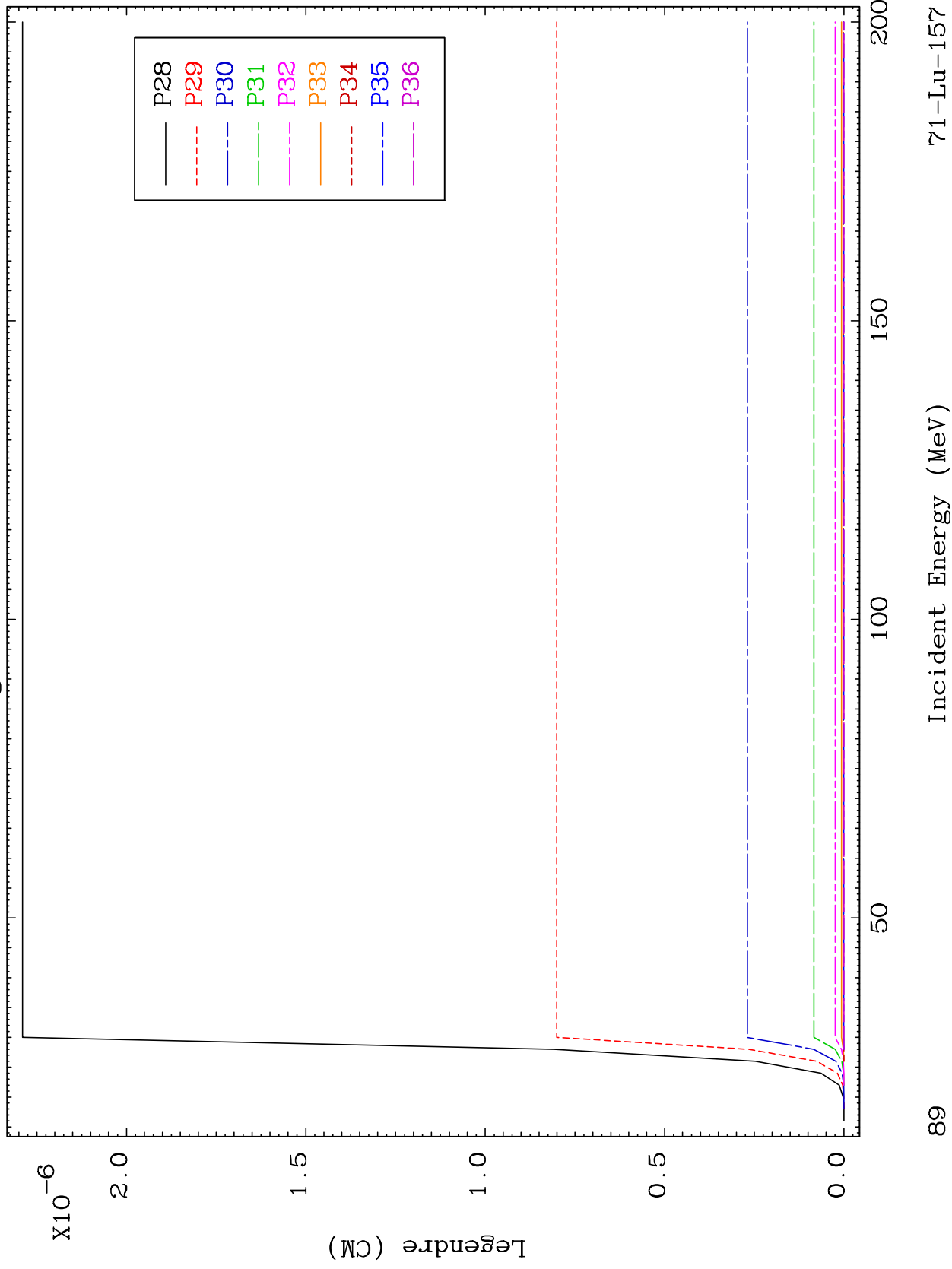


87

Incident Energy (MeV)

71-Lu-157

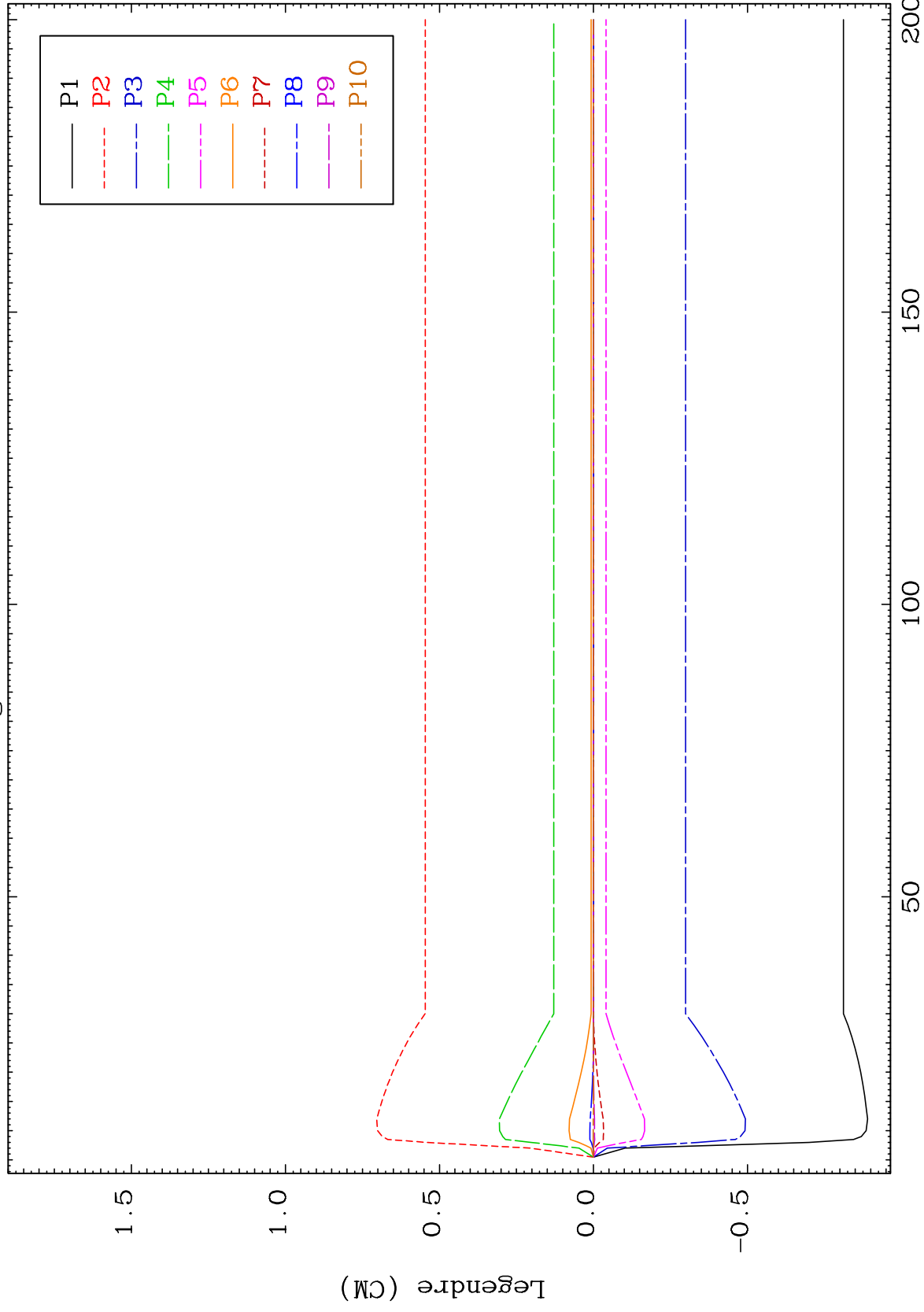




MAT 7071

MT= 75 (n,n') Level  
Legendre Coefficients

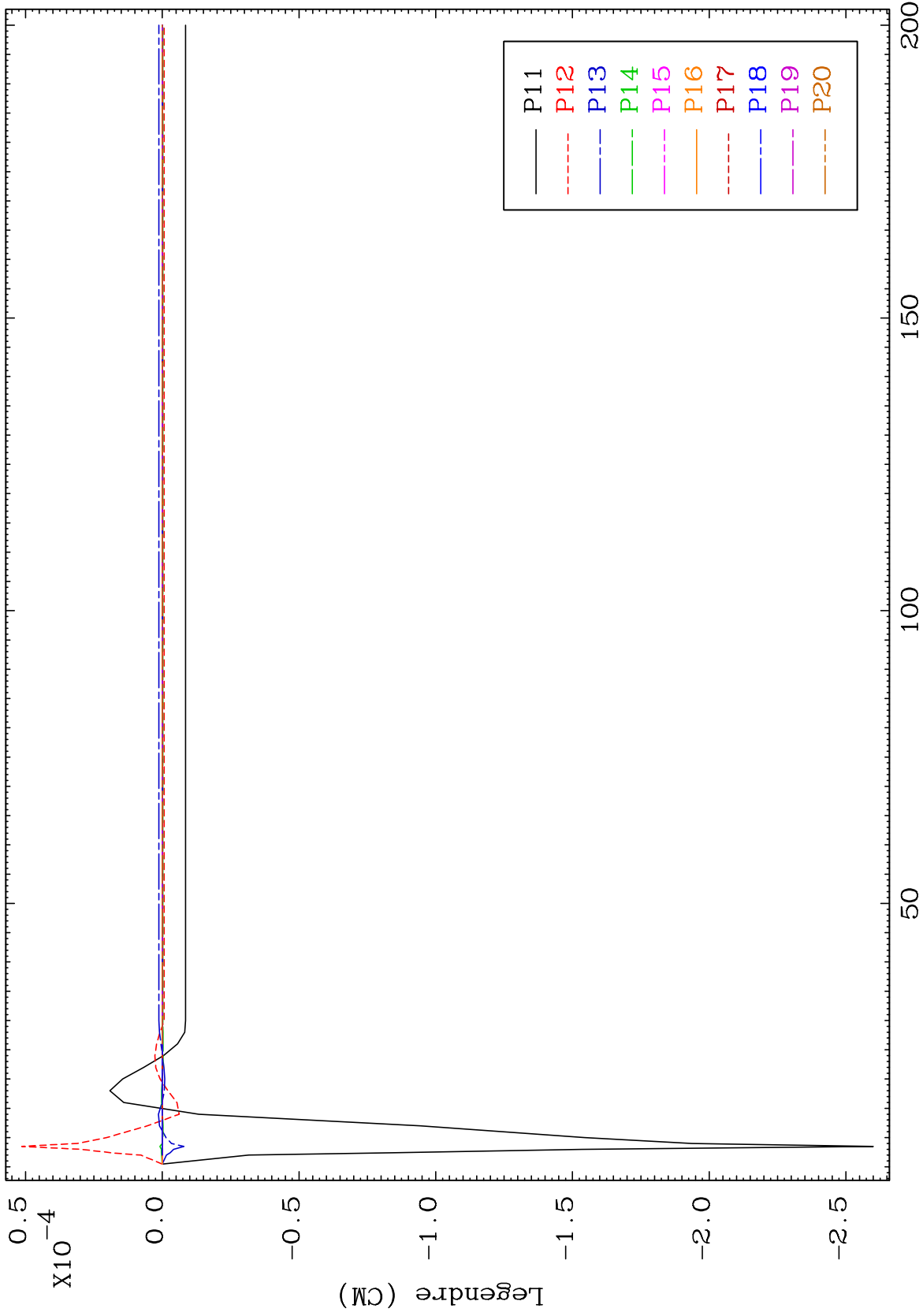
71-Lu-157



90

Incident Energy (MeV)

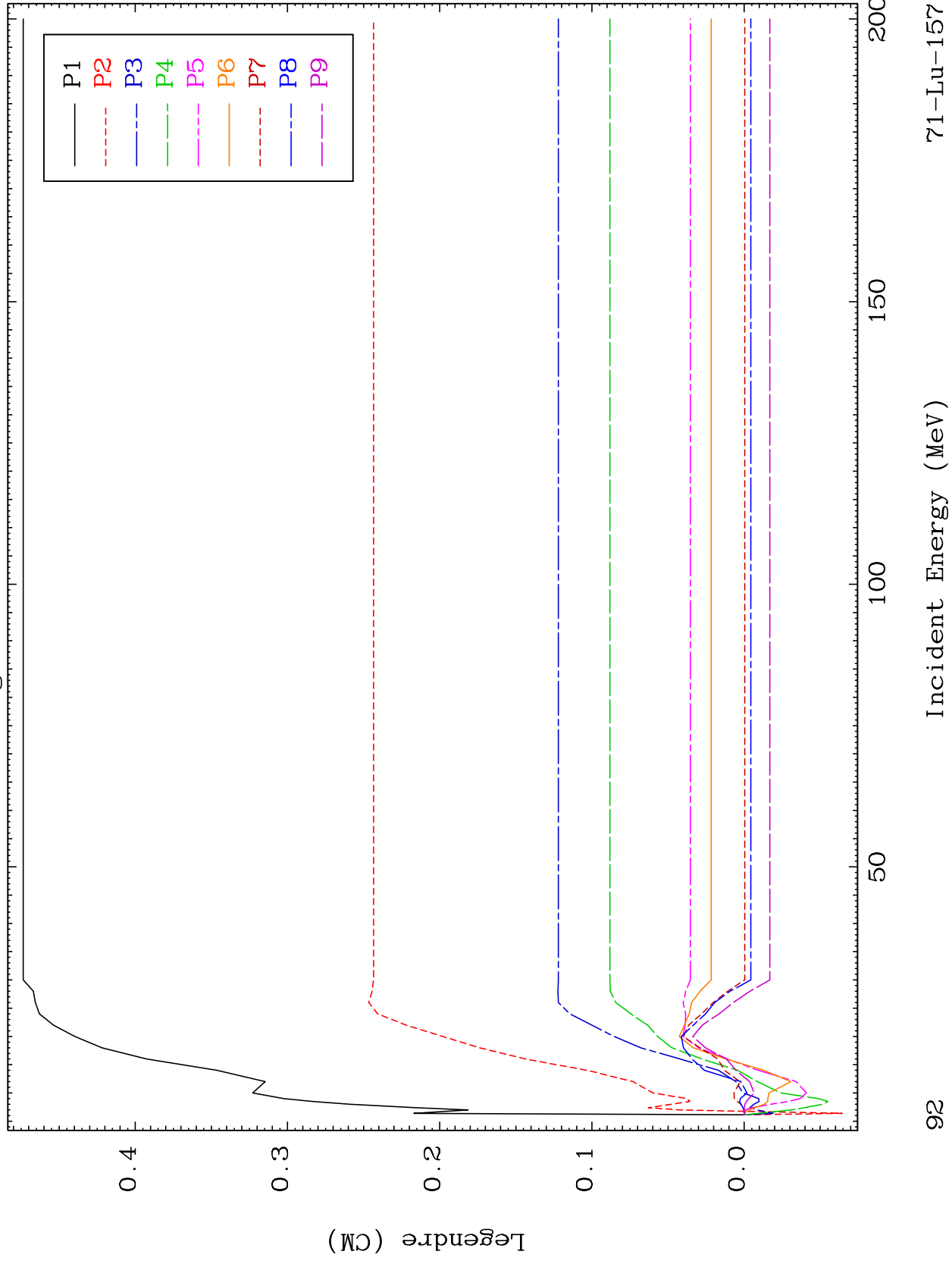
71-Lu-157



MAT 7071

MT= 76 (n,n') Level  
Legendre Coefficients

71-Lu-157



71-Lu-157

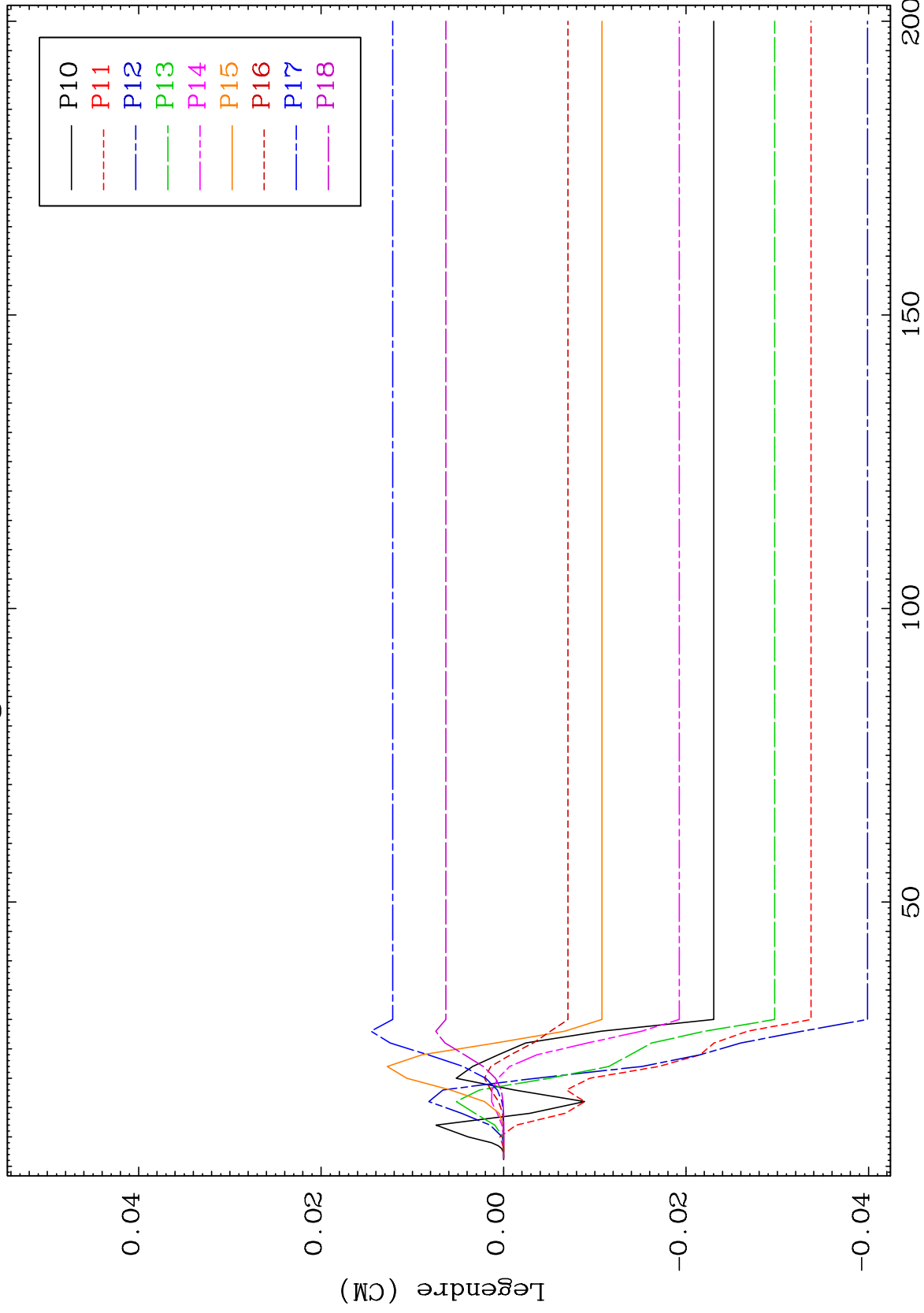
Incident Energy (MeV)

92

MAT 7071

MT= 76 (n,n') Level  
Legendre Coefficients

71-Lu-157



93

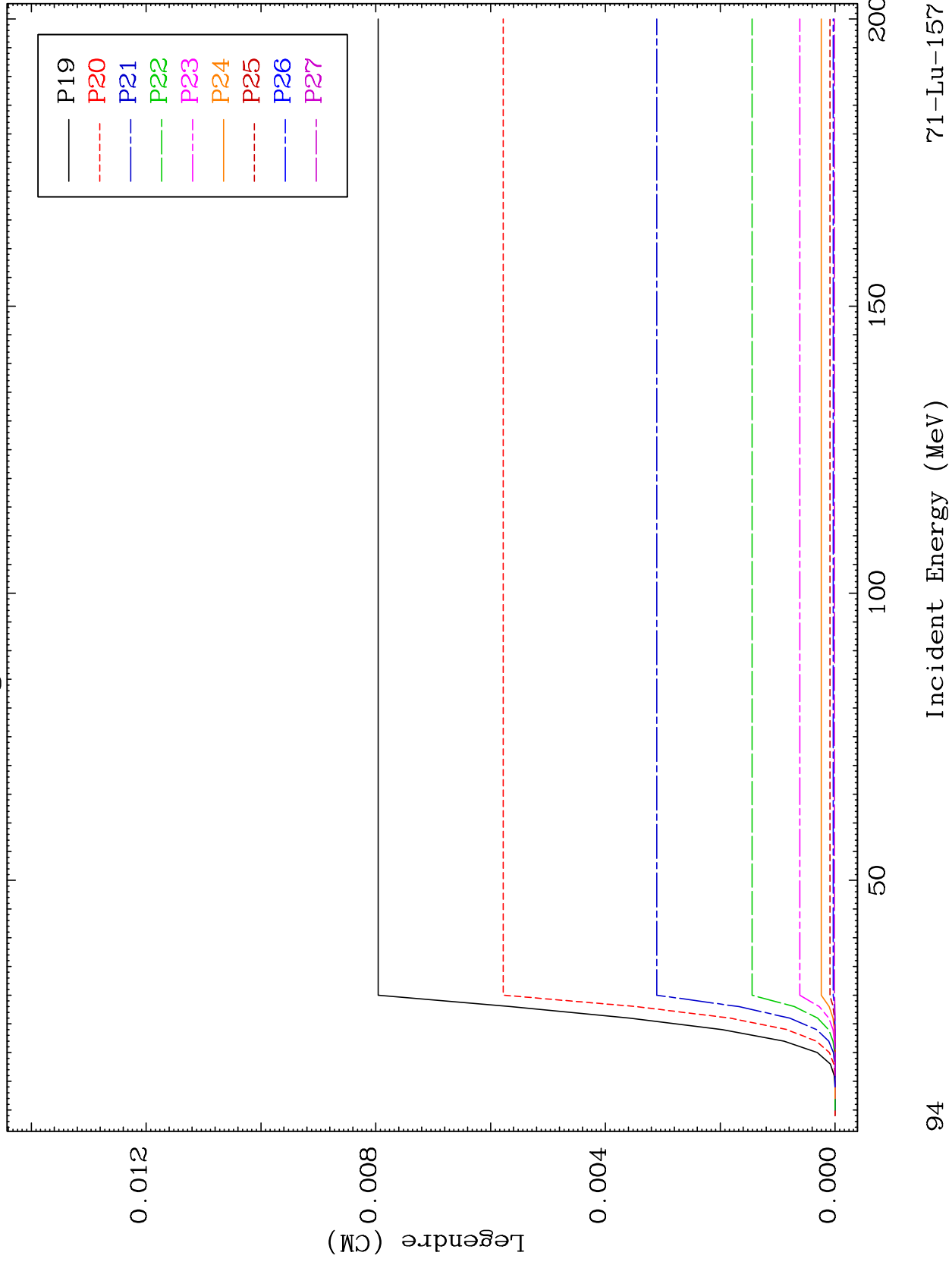
Incident Energy (MeV)

71-Lu-157

MAT 7071

MT= 76 (n,n') Level  
Legendre Coefficients

71-Lu-157



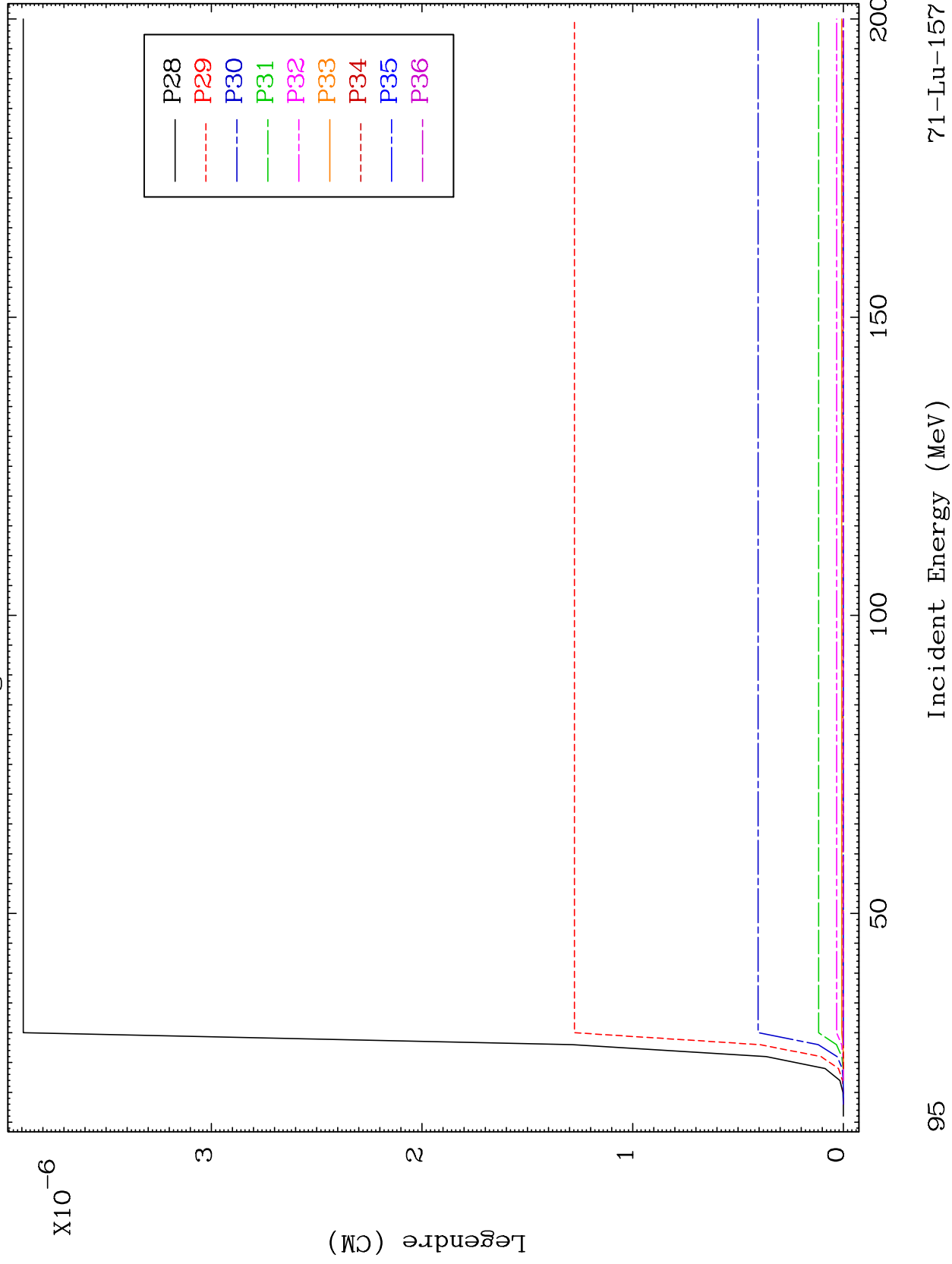
94

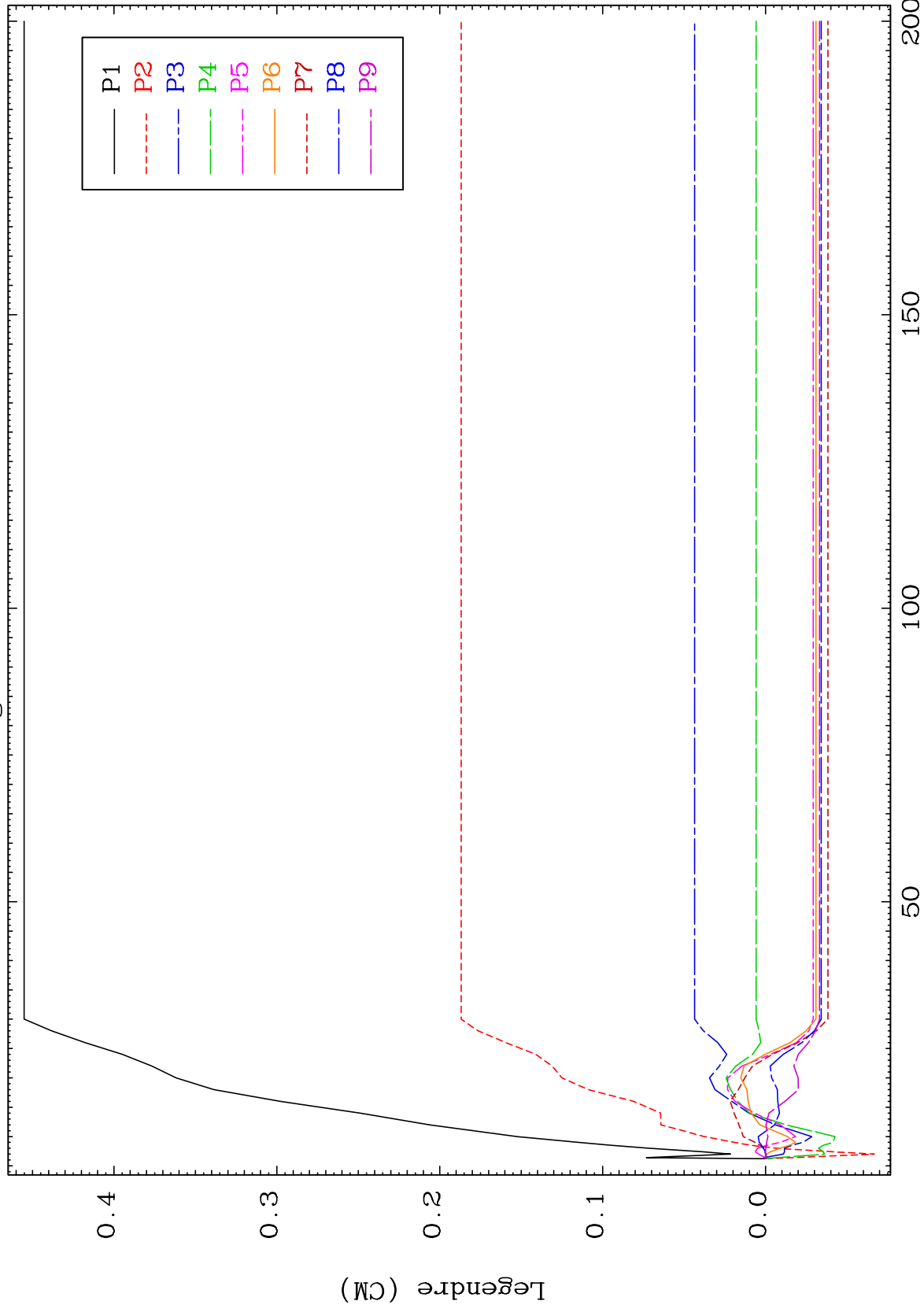
71-Lu-157

MAT 7071

MT= 76 (n,n') Level  
Legendre Coefficients

71-Lu-157

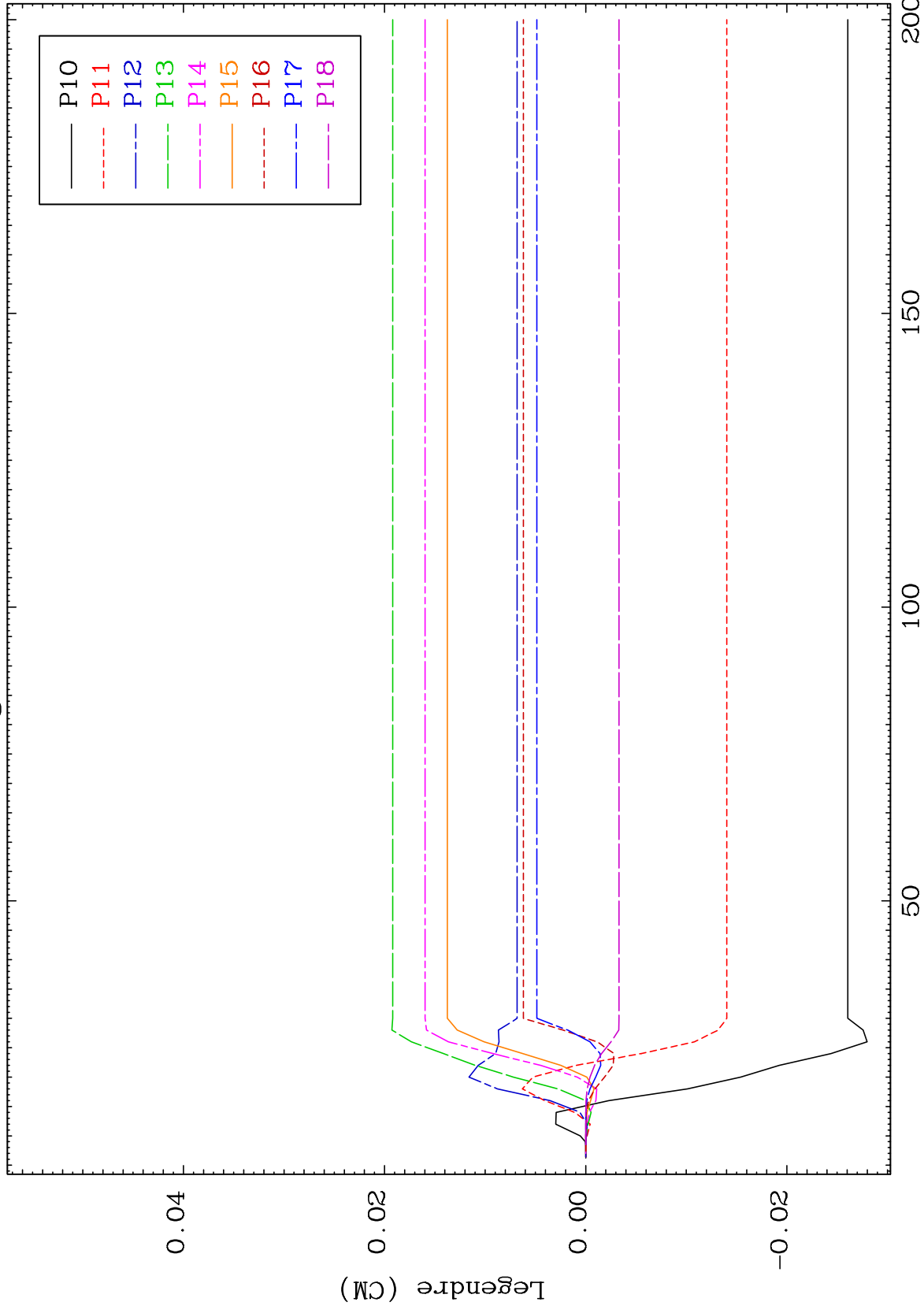




MAT 7071

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

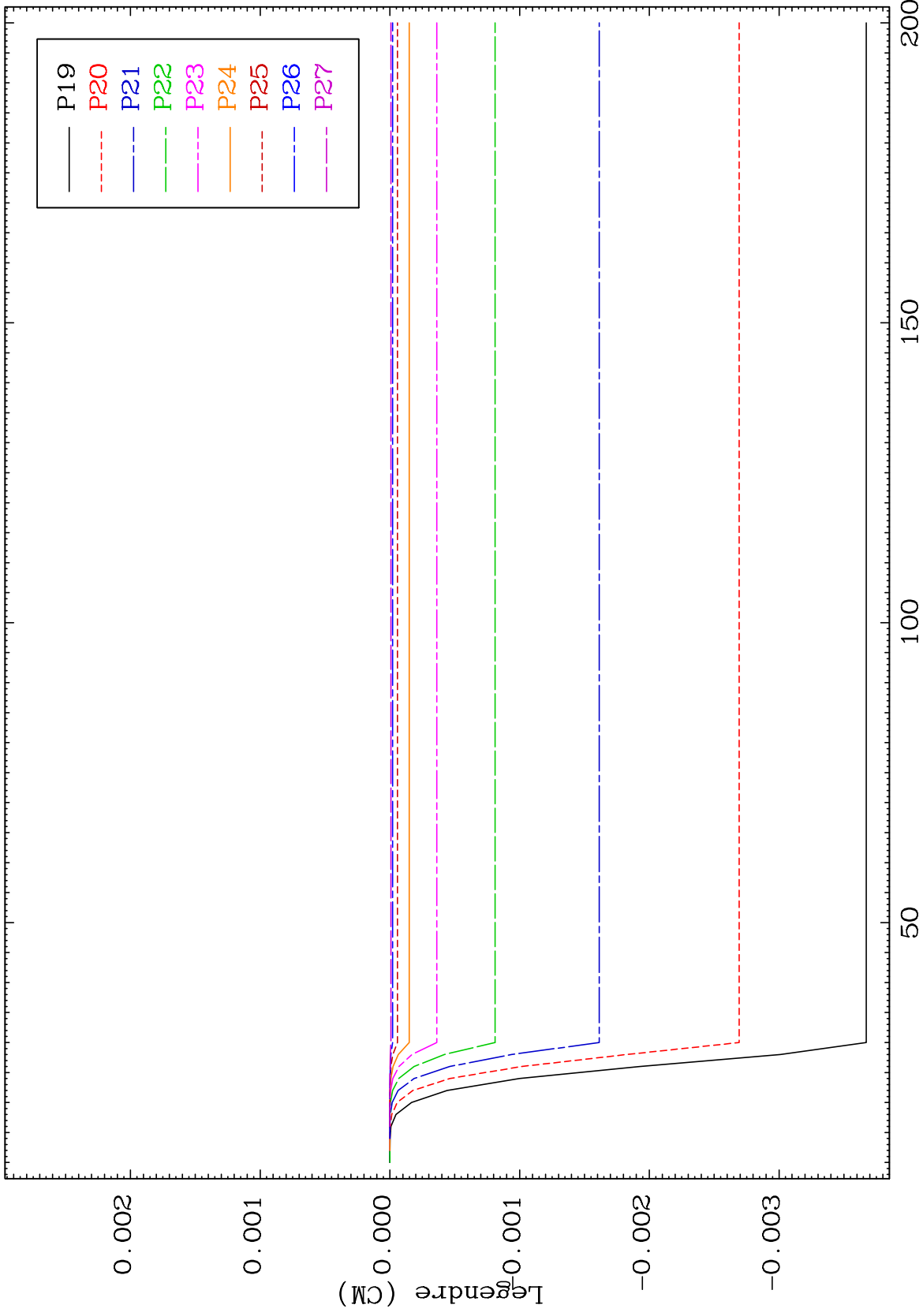
71-Lu-157

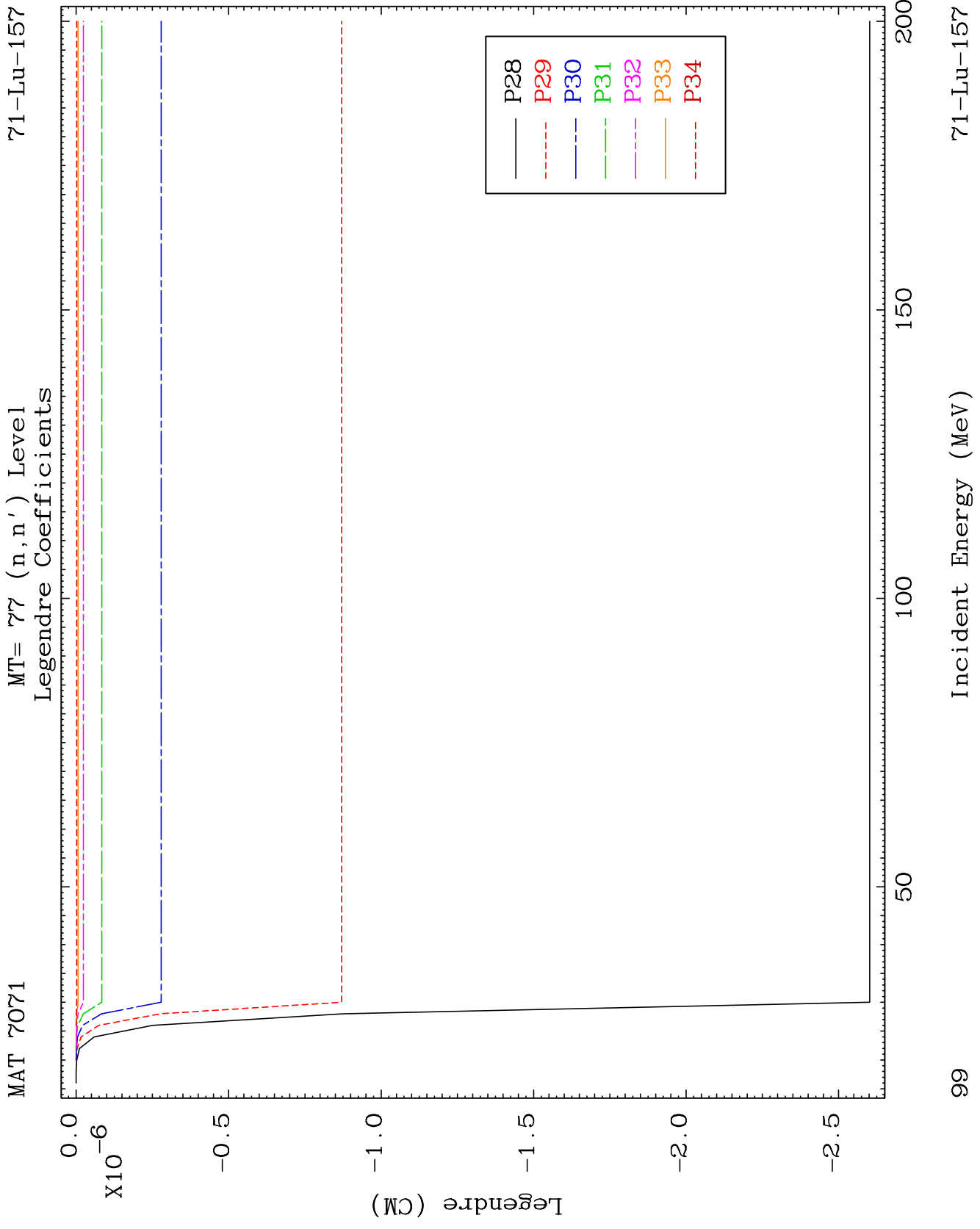


97

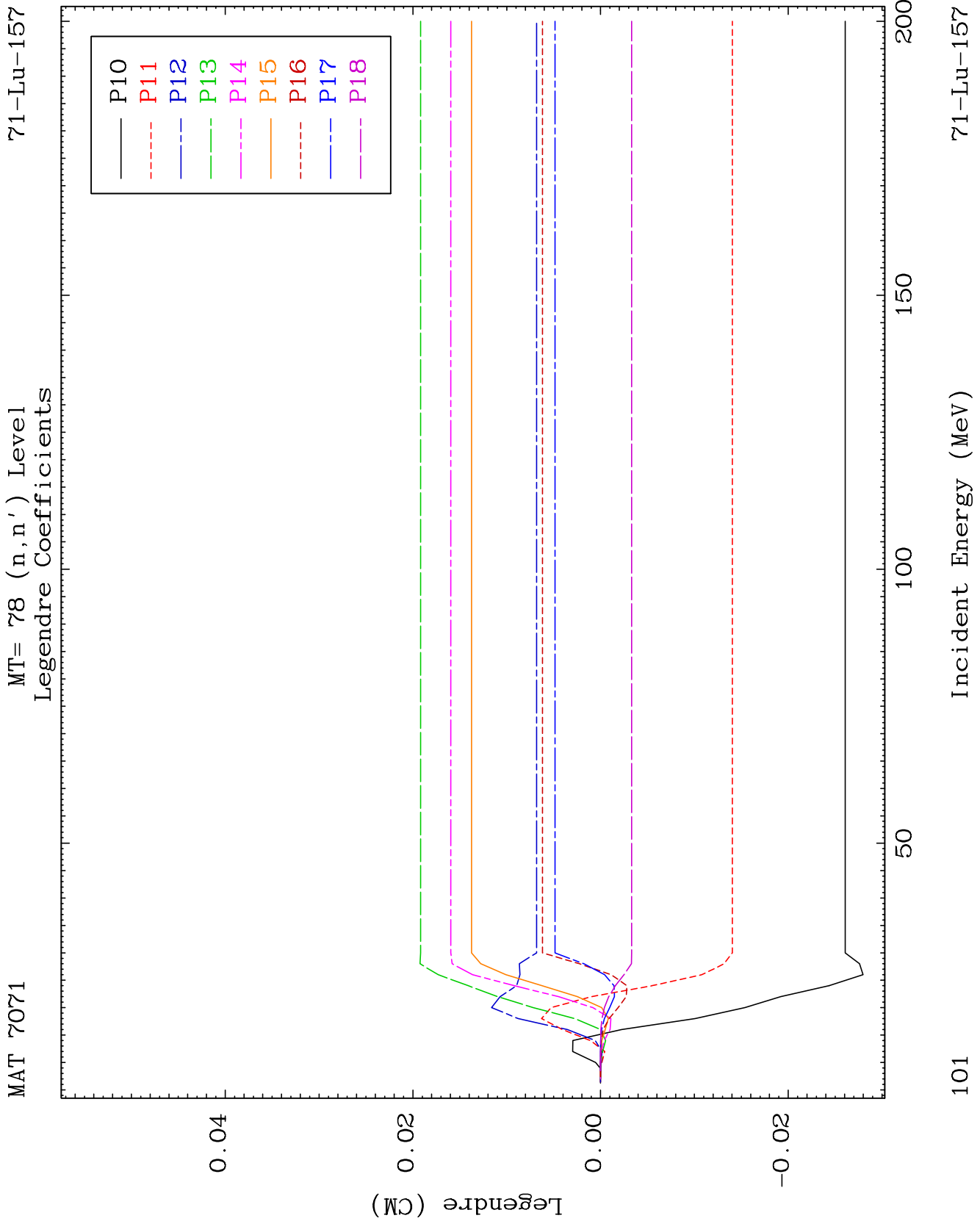
Incident Energy (MeV)

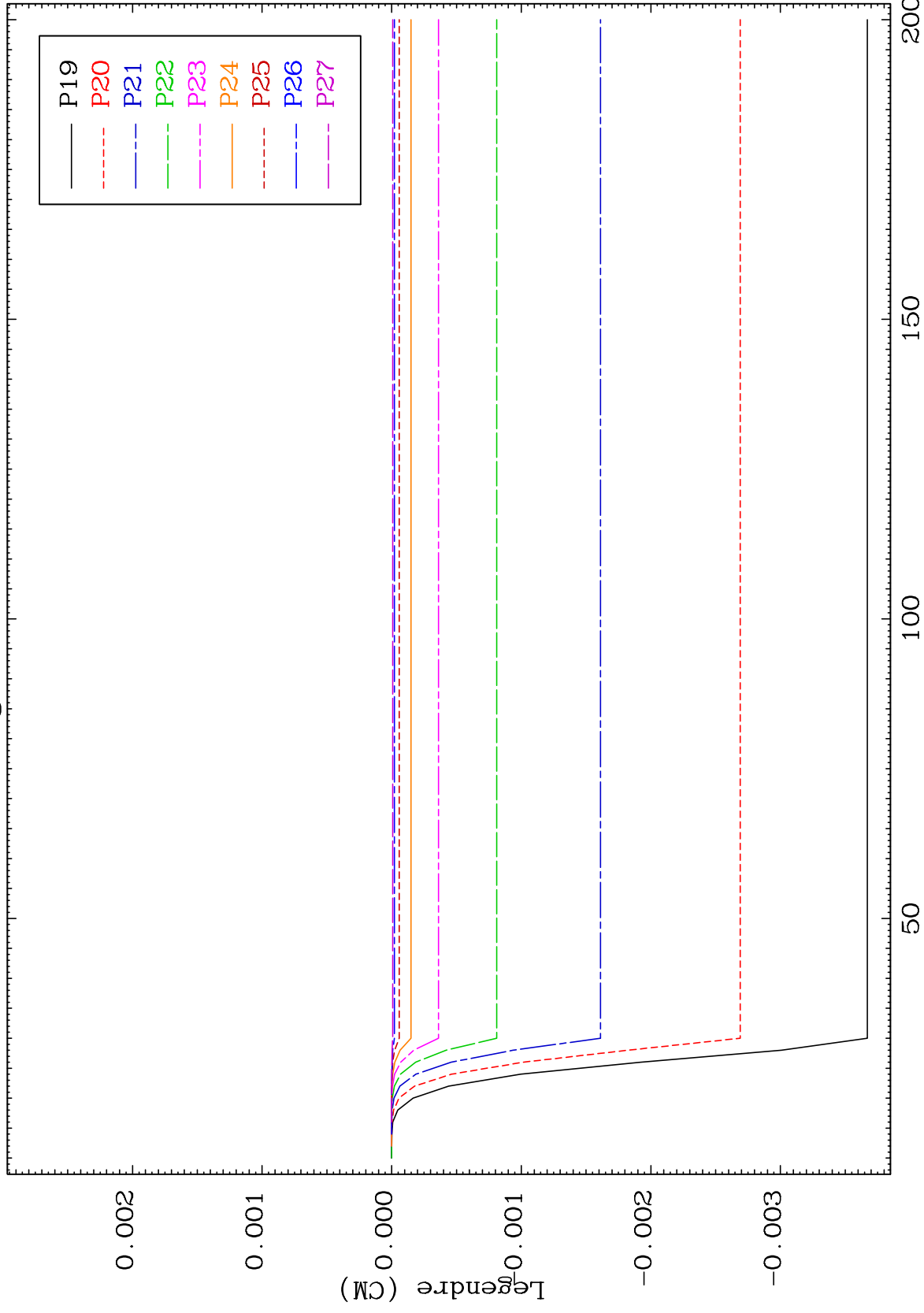
71-Lu-157

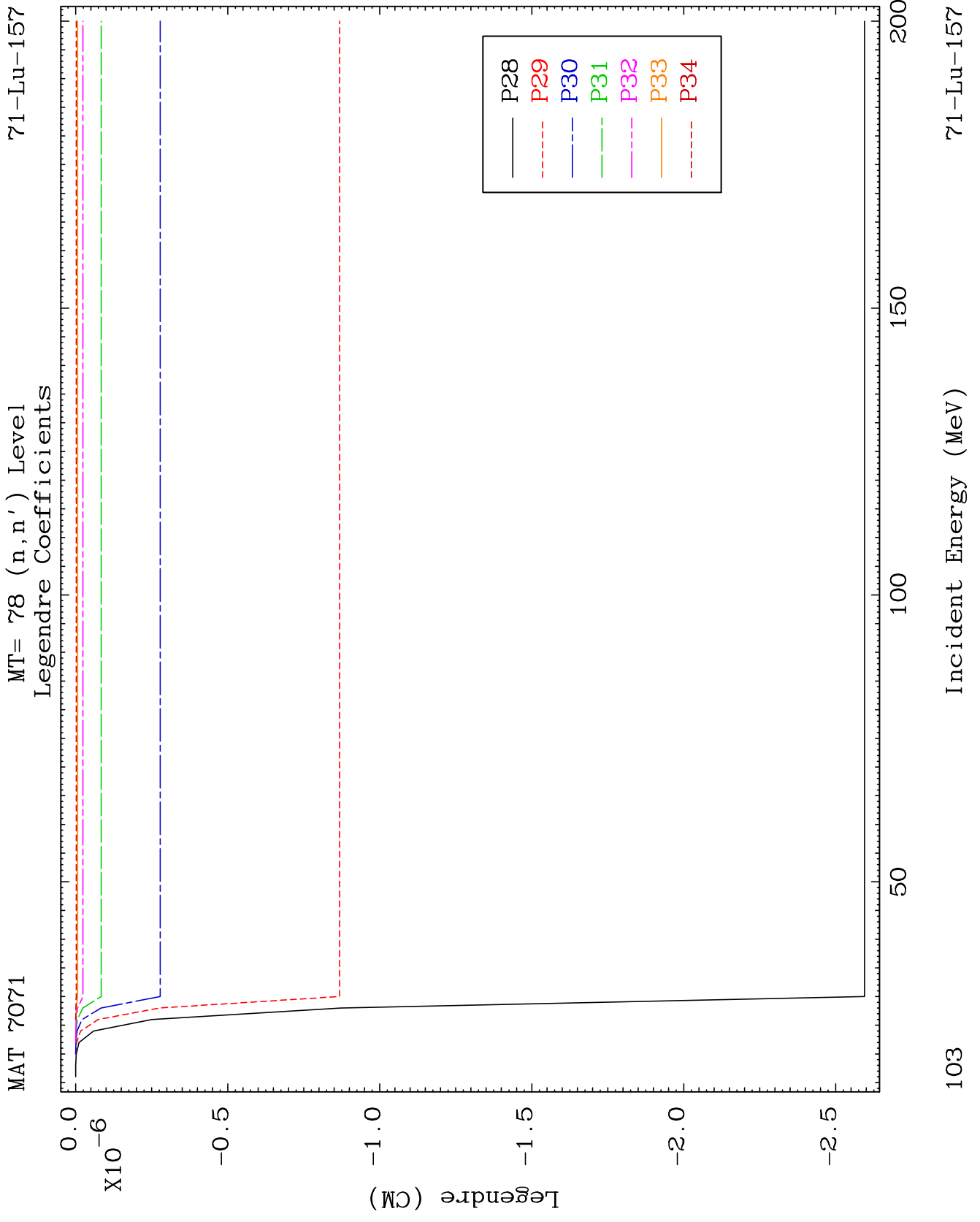








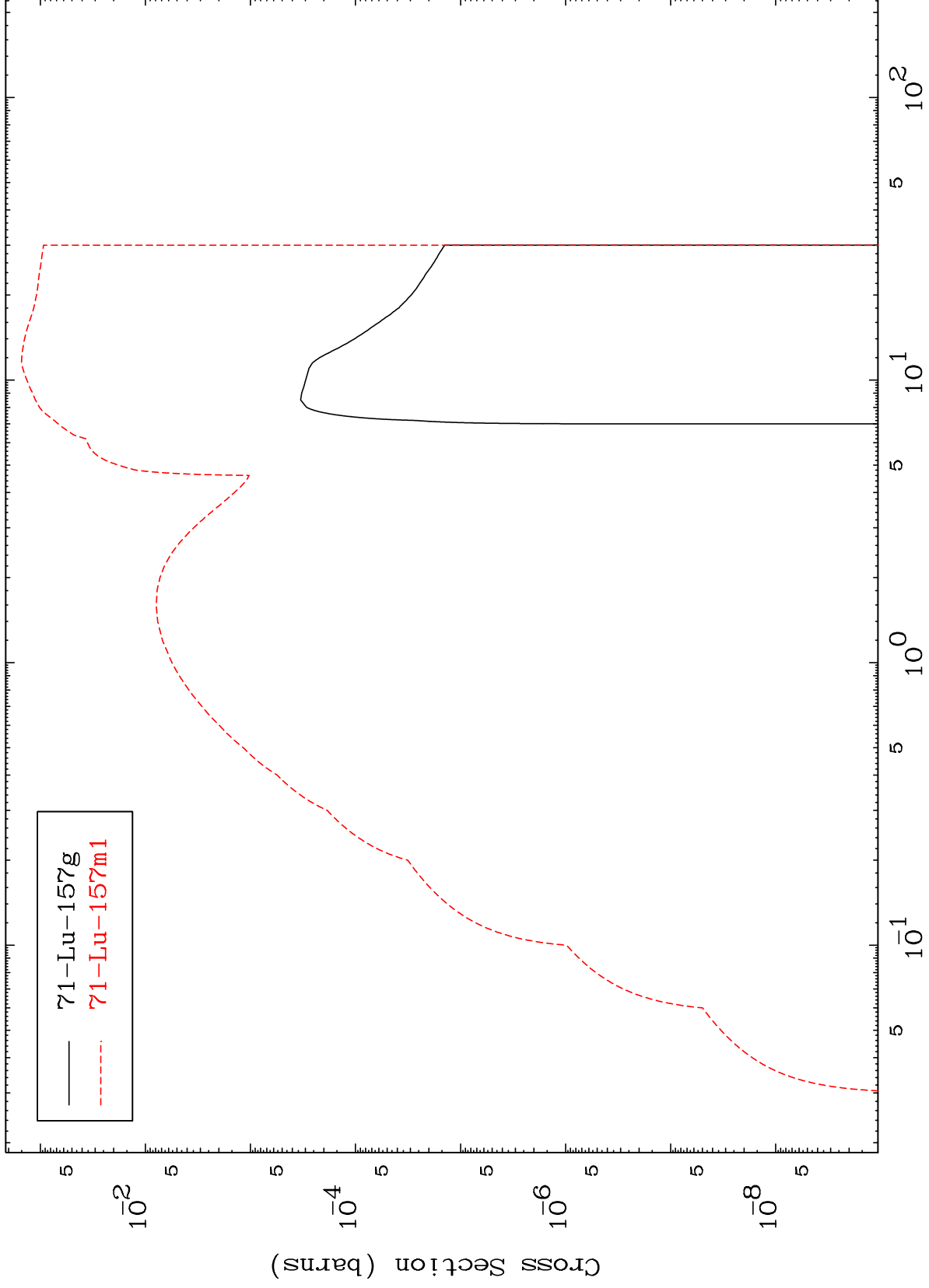




MAT 7071

71-Lu-157

Inelastic  
Radionuclide Production Cross Section



104

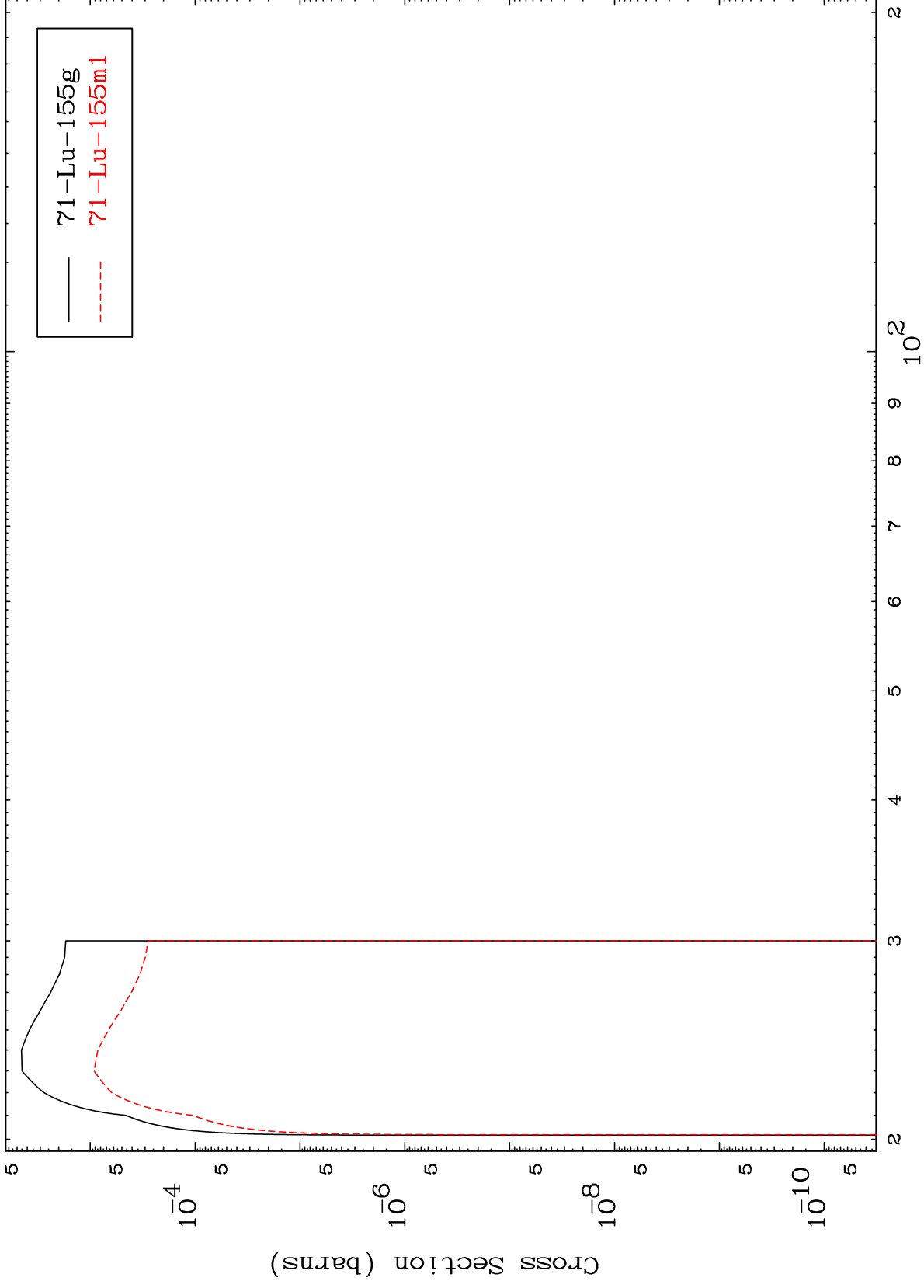
71-Lu-157

MAT 7071

(n,3n)

<sup>71</sup>Lu-157

Radionuclide Production Cross Section



105

Incident Energy (MeV)

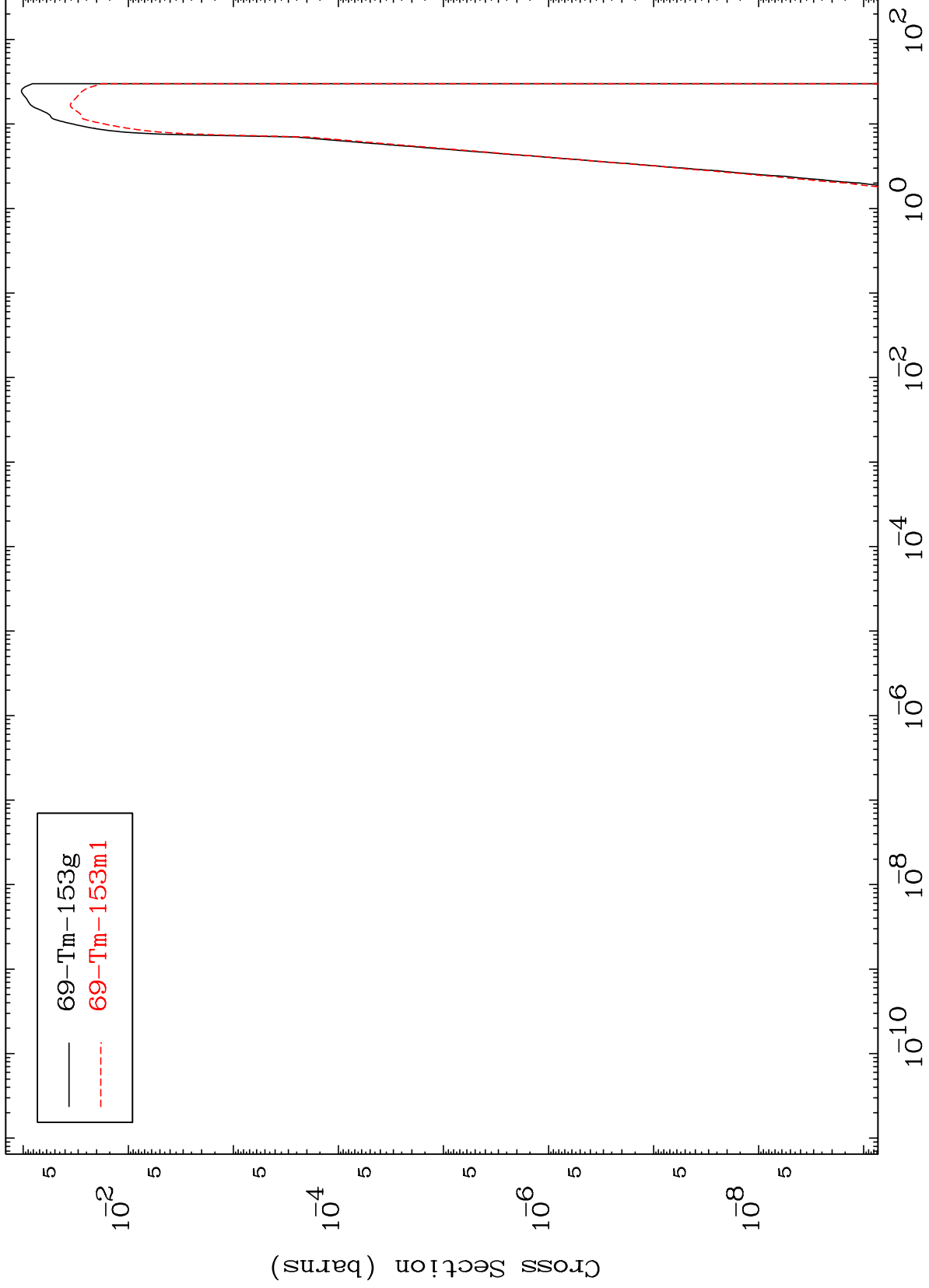
<sup>71</sup>Lu-157

MAT 7071

$(n, n') \alpha$

71-Lu-157

Radionuclide Production Cross Section



69-Tm-153g  
69-Tm-153m1

106

Incident Energy (MeV)

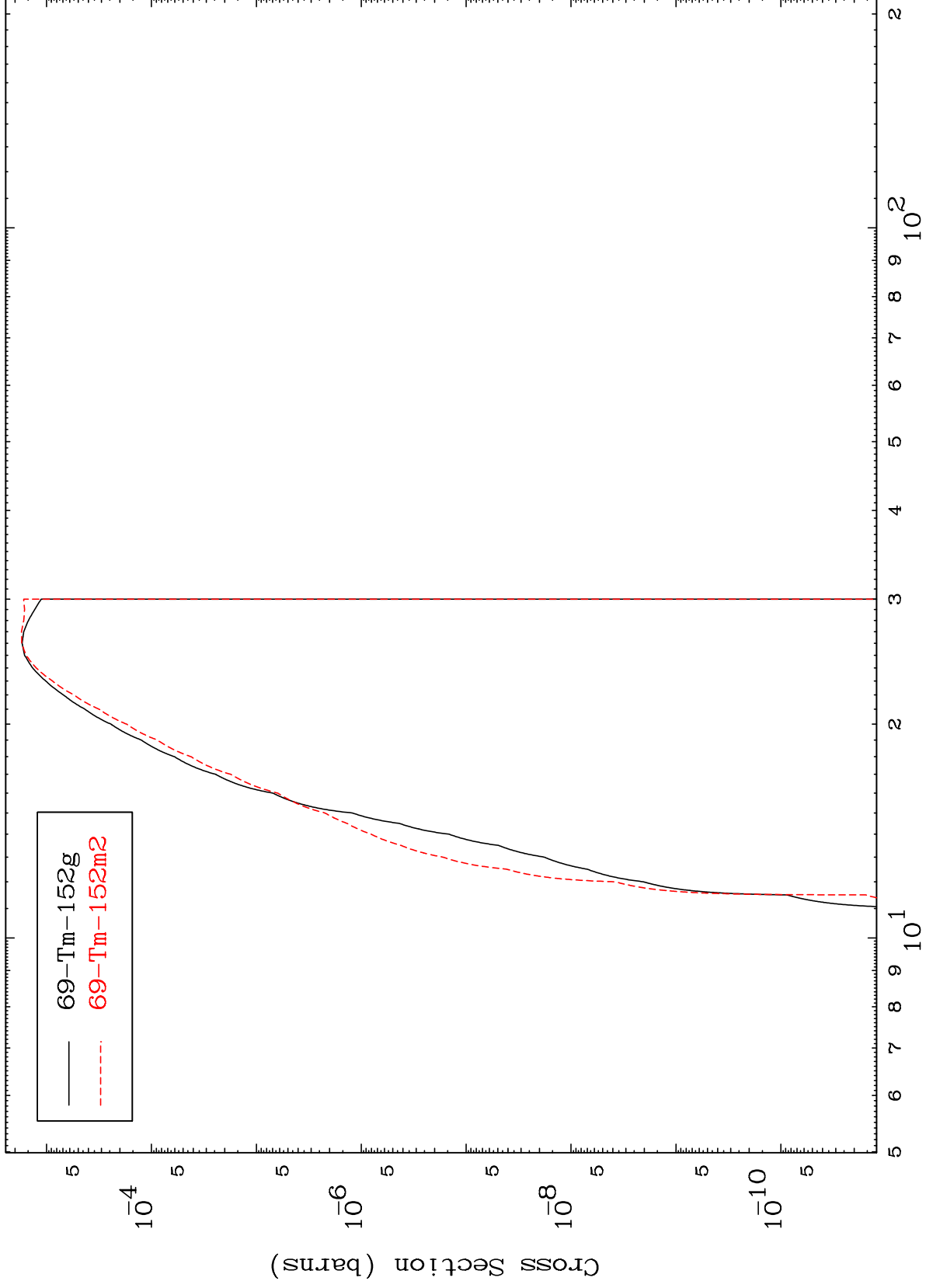
71-Lu-157

MAT 7071

71-Lu-157

(n,2n)  $\alpha$

Radionuclide Production Cross Section

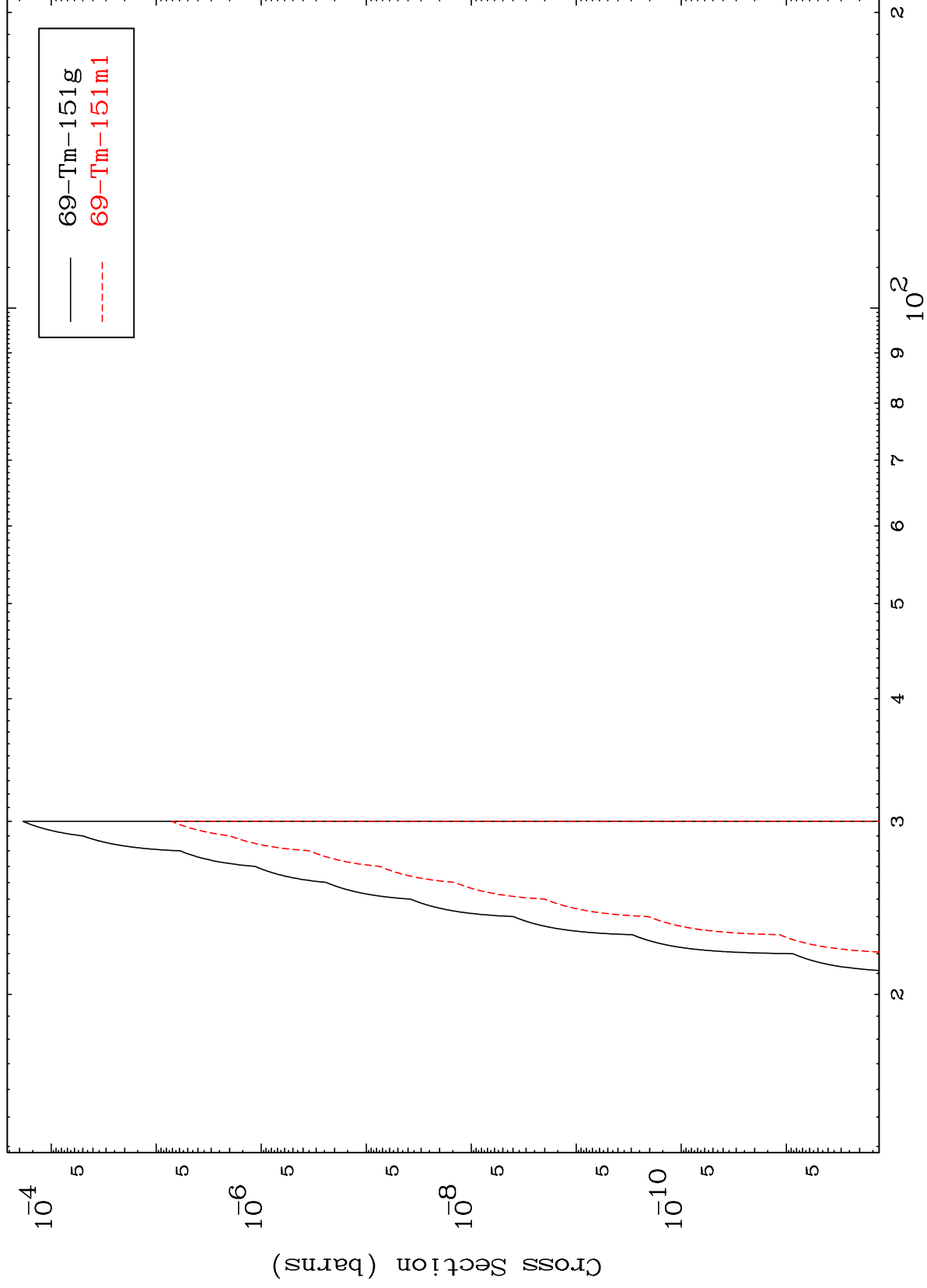


107

Incident Energy (MeV)

71-Lu-157

Radionuclide Production Cross Section

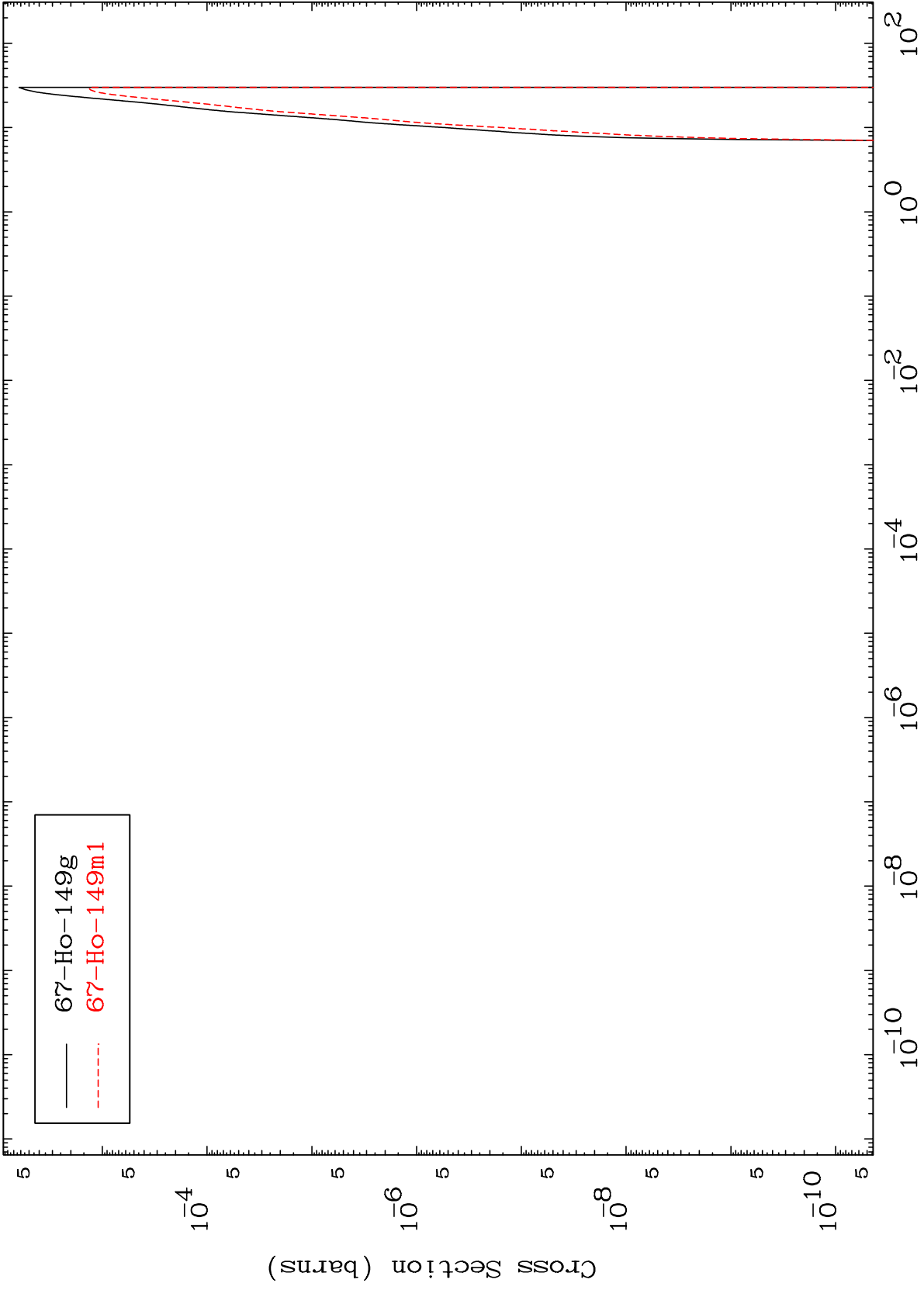


MAT 7071

(n,n') 2α

71-Lu-157

Radionuclide Production Cross Section



109

Incident Energy (MeV)

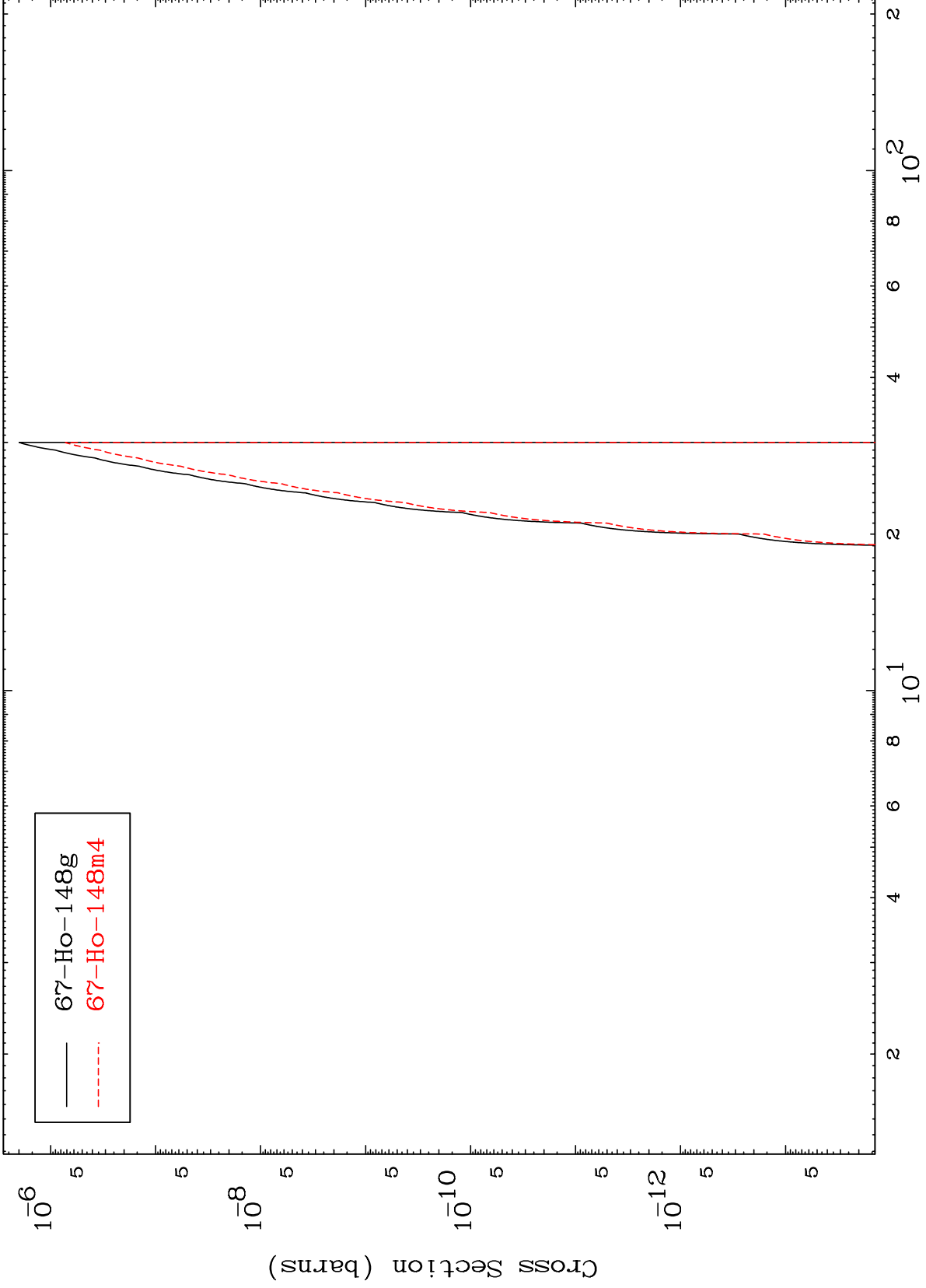
71-Lu-157

MAT 7071

(n,2n) 2α

71-Lu-157

Radionuclide Production Cross Section



67-Ho-148g  
67-Ho-148m4

110

Incident Energy (MeV)

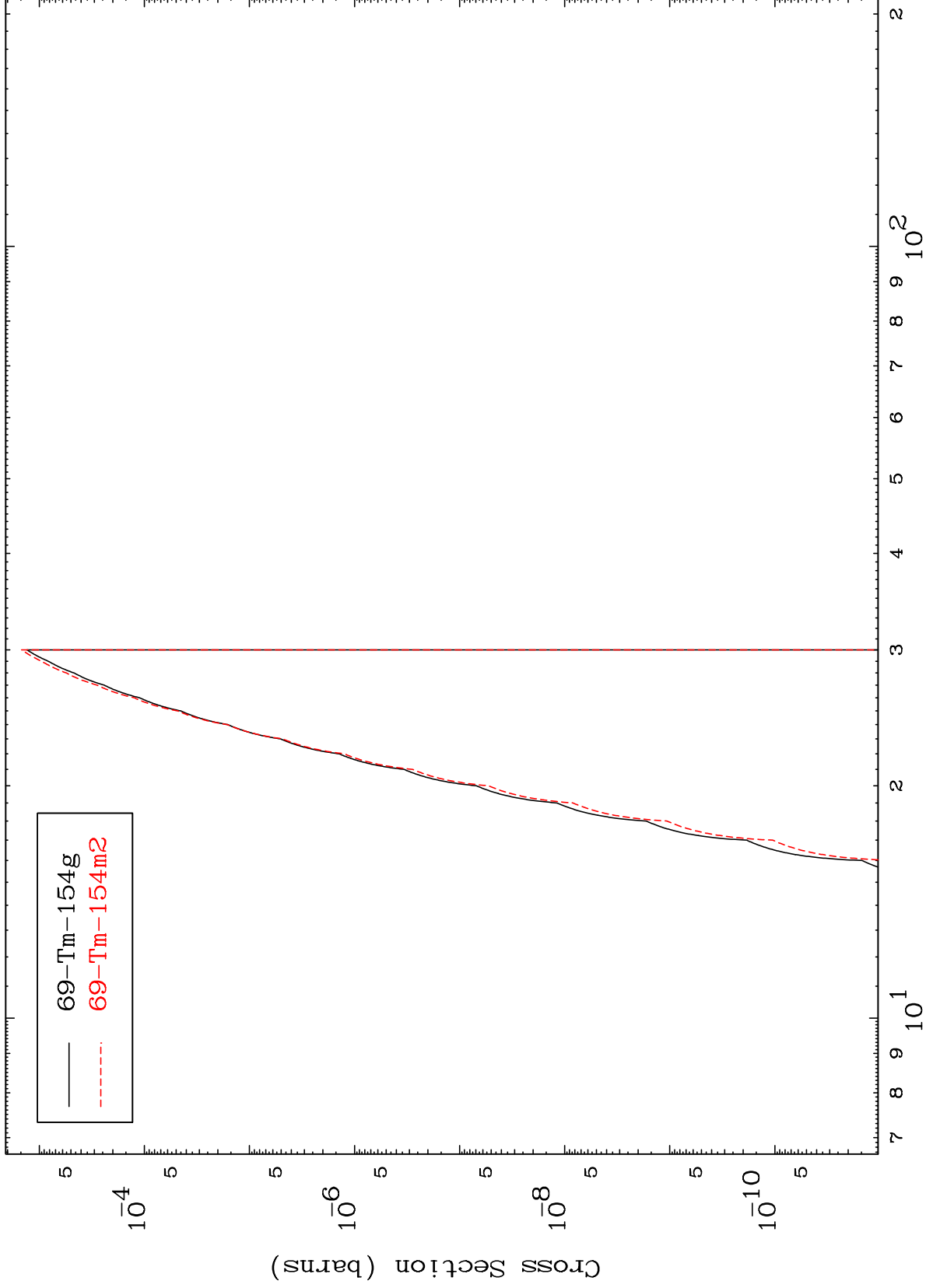
71-Lu-157

MAT 7071

(n,n') He-3

71-Lu-157

Radionuclide Production Cross Section



111

Incident Energy (MeV)

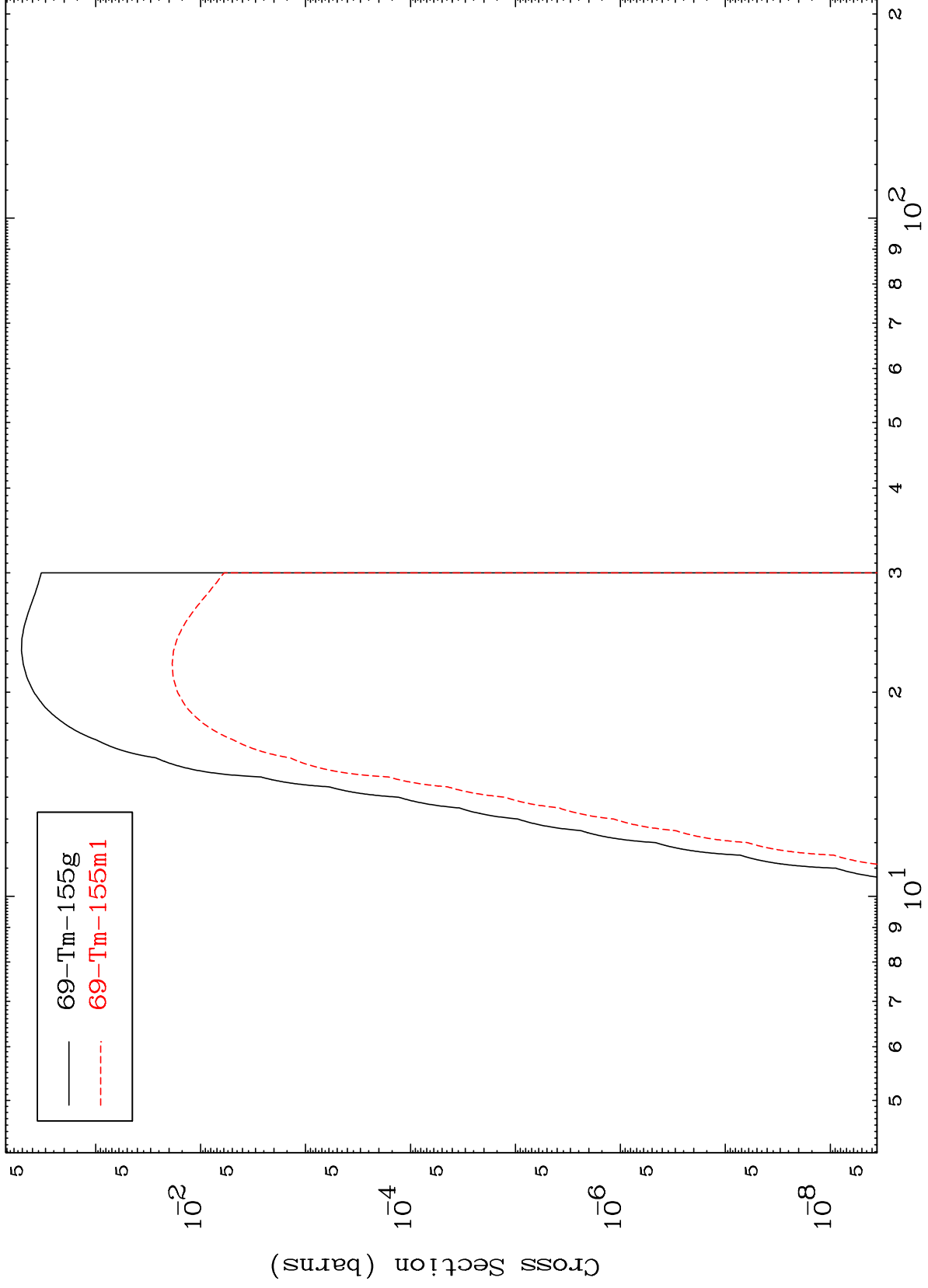
71-Lu-157

MAT 7071

(n,2n) p

71-Lu-157

Radionuclide Production Cross Section



69-Tm-155g  
69-Tm-155m1

112

Incident Energy (MeV)

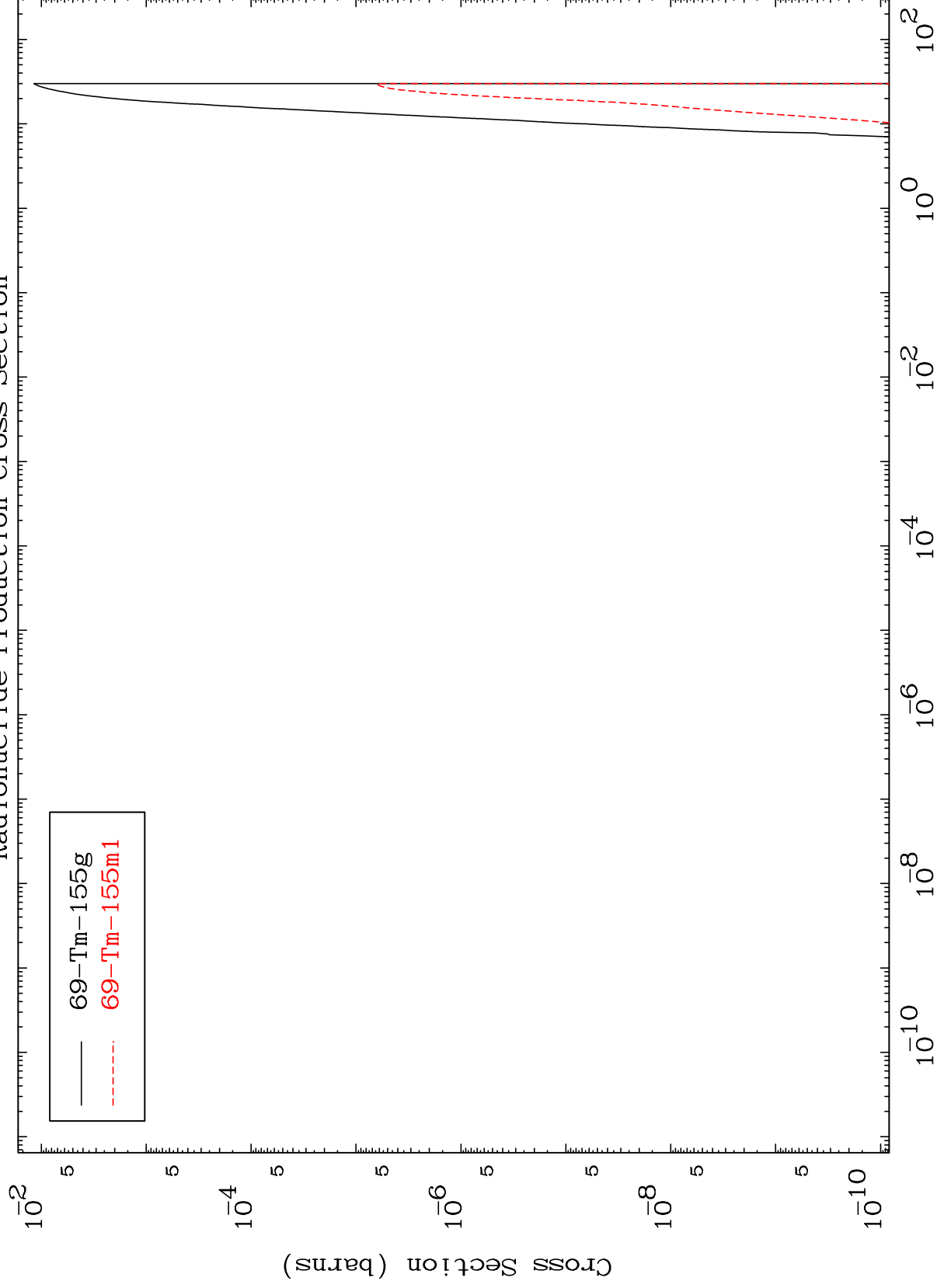
71-Lu-157

MAT 7071

(n,He-3)

71-Lu-157

Radionuclide Production Cross Section

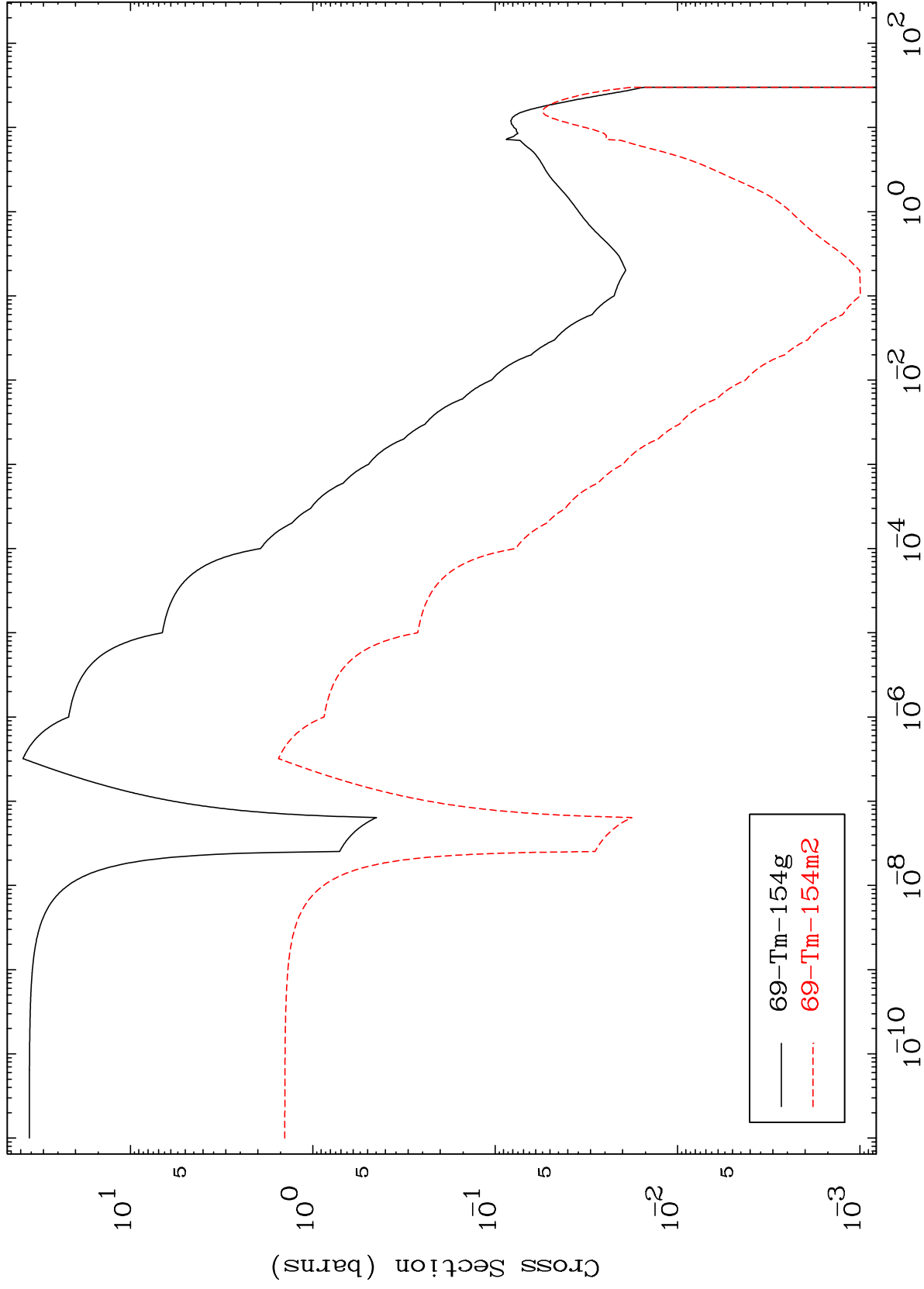


113

Incident Energy (MeV)

71-Lu-157

Radionuclide Production Cross Section (n,α)

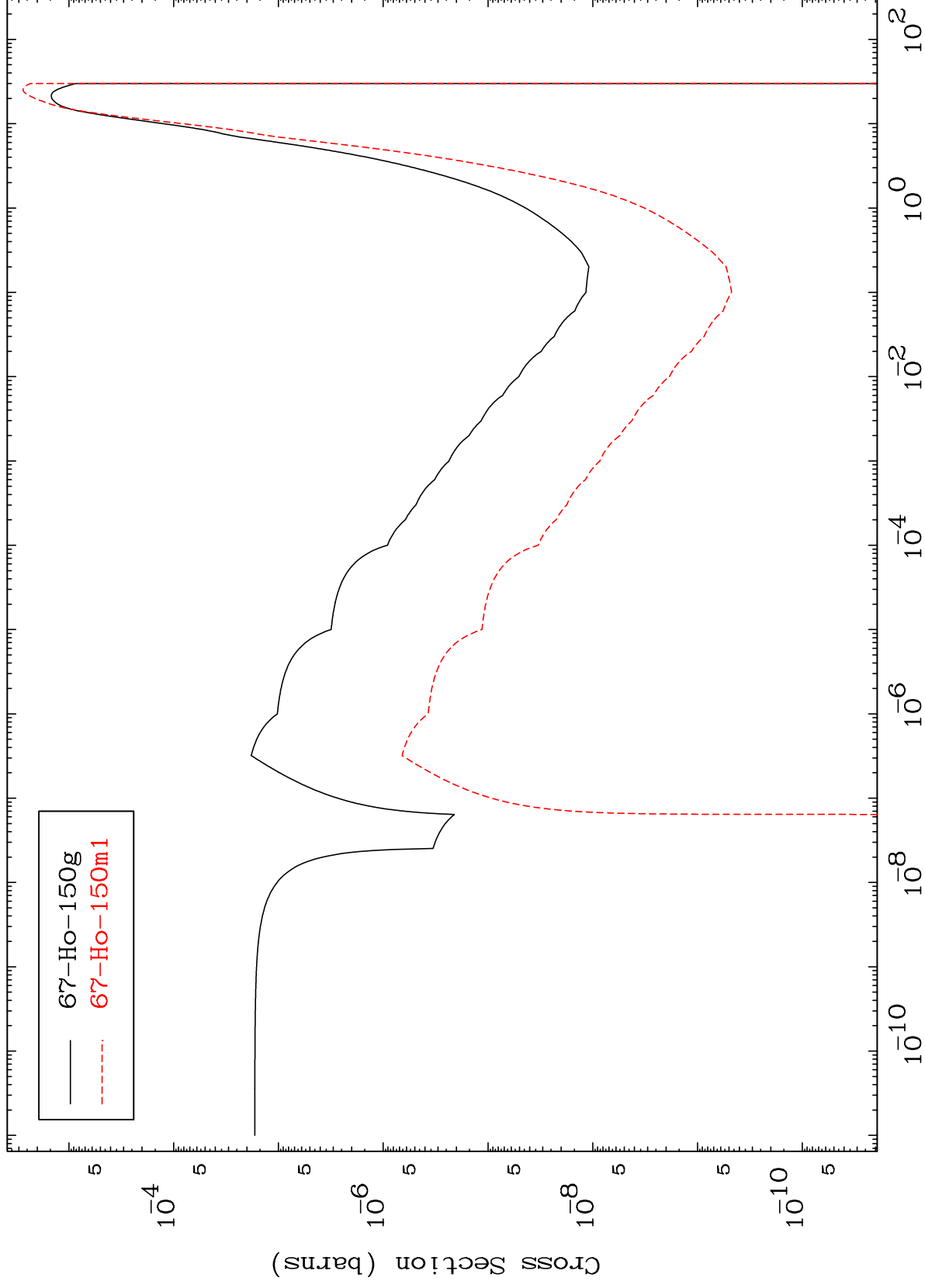


MAT 7071

(n,2α)

71-Lu-157

Radionuclide Production Cross Section



115

Incident Energy (MeV)

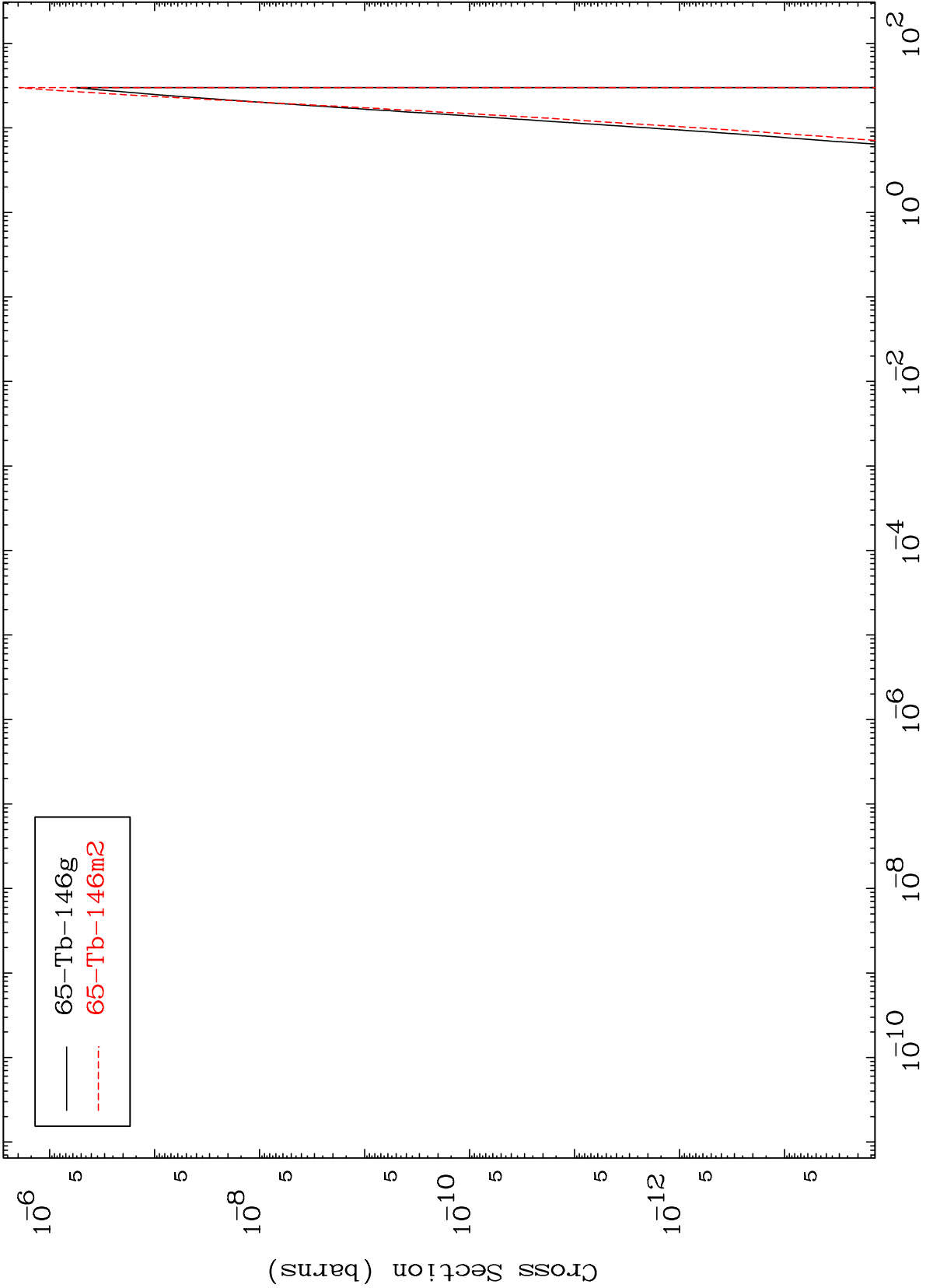
71-Lu-157

MAT 7071

(n,3 $\alpha$ )

<sup>71</sup>Lu-157

Radionuclide Production Cross Section



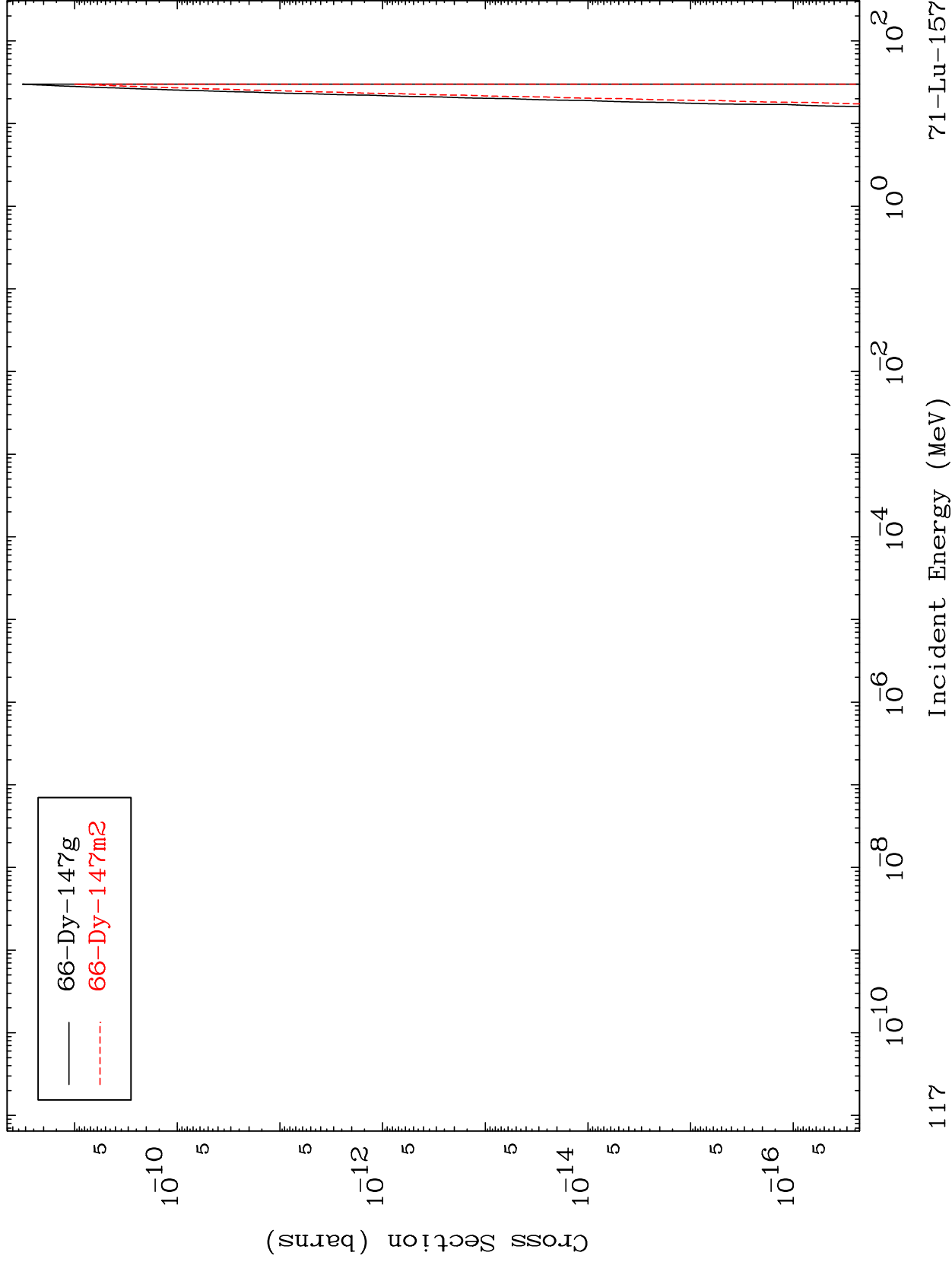
— 65-Tb-146g  
- - - 65-Tb-146m2

MAT 7071

$(n, t) 2\alpha$

$^{71}\text{Lu-157}$

Radionuclide Production Cross Section

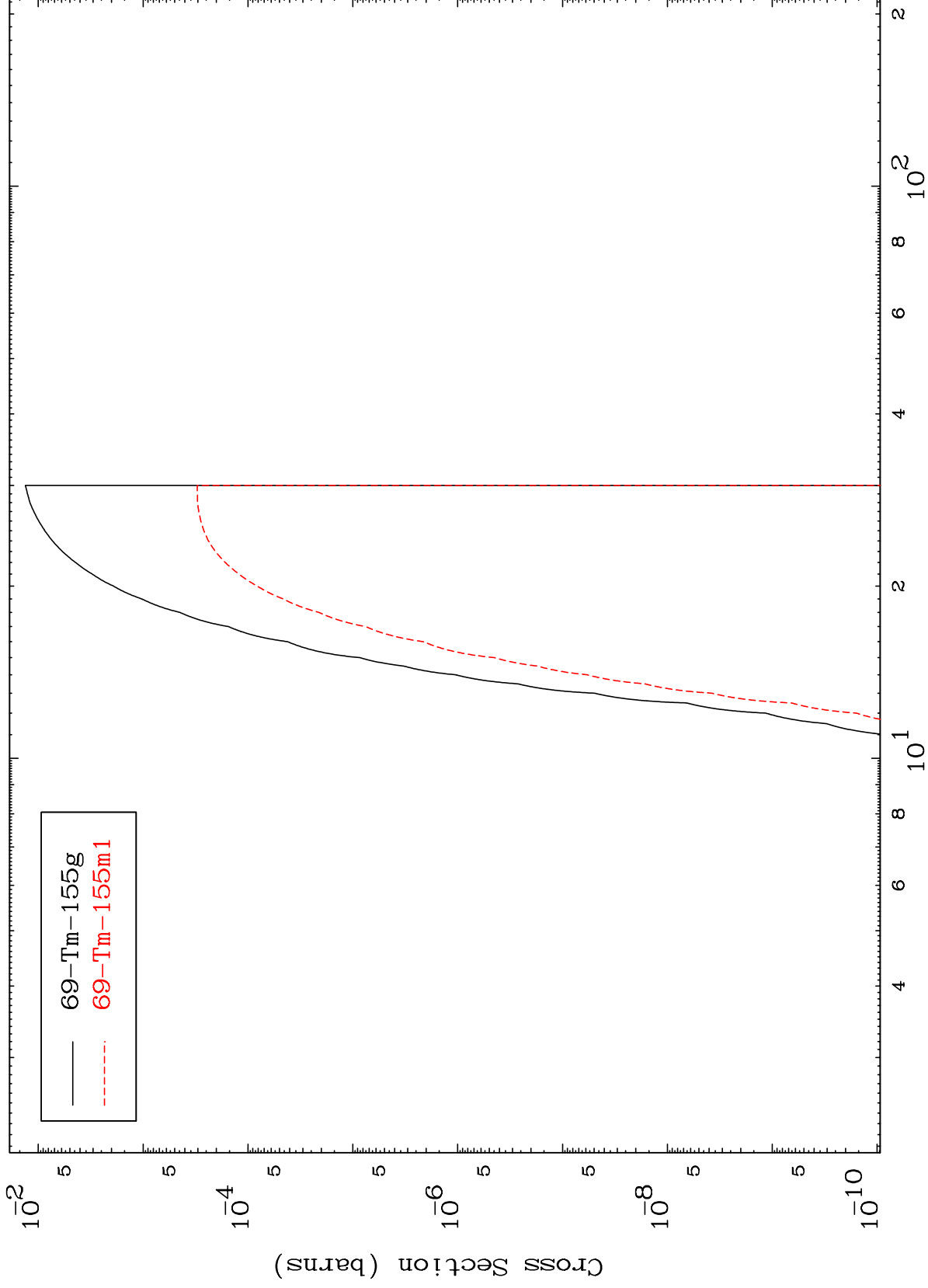


MAT 7071

(n,p) d

71-Lu-157

Radionuclide Production Cross Section



118

Incident Energy (MeV)

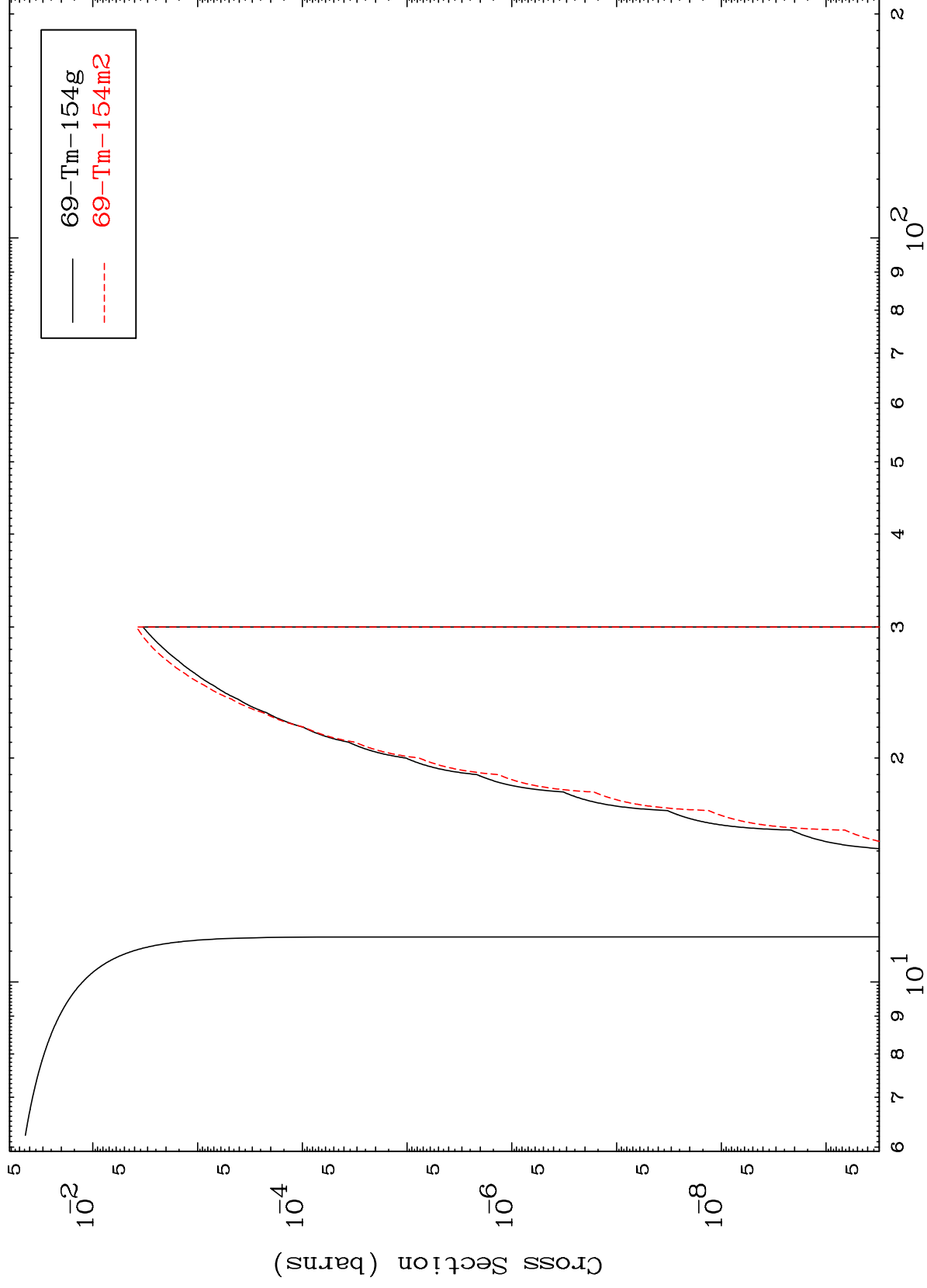
71-Lu-157

MAT 7071

(n,p) t

71-Lu-157

Radionuclide Production Cross Section



119

Incident Energy (MeV)

71-Lu-157