

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

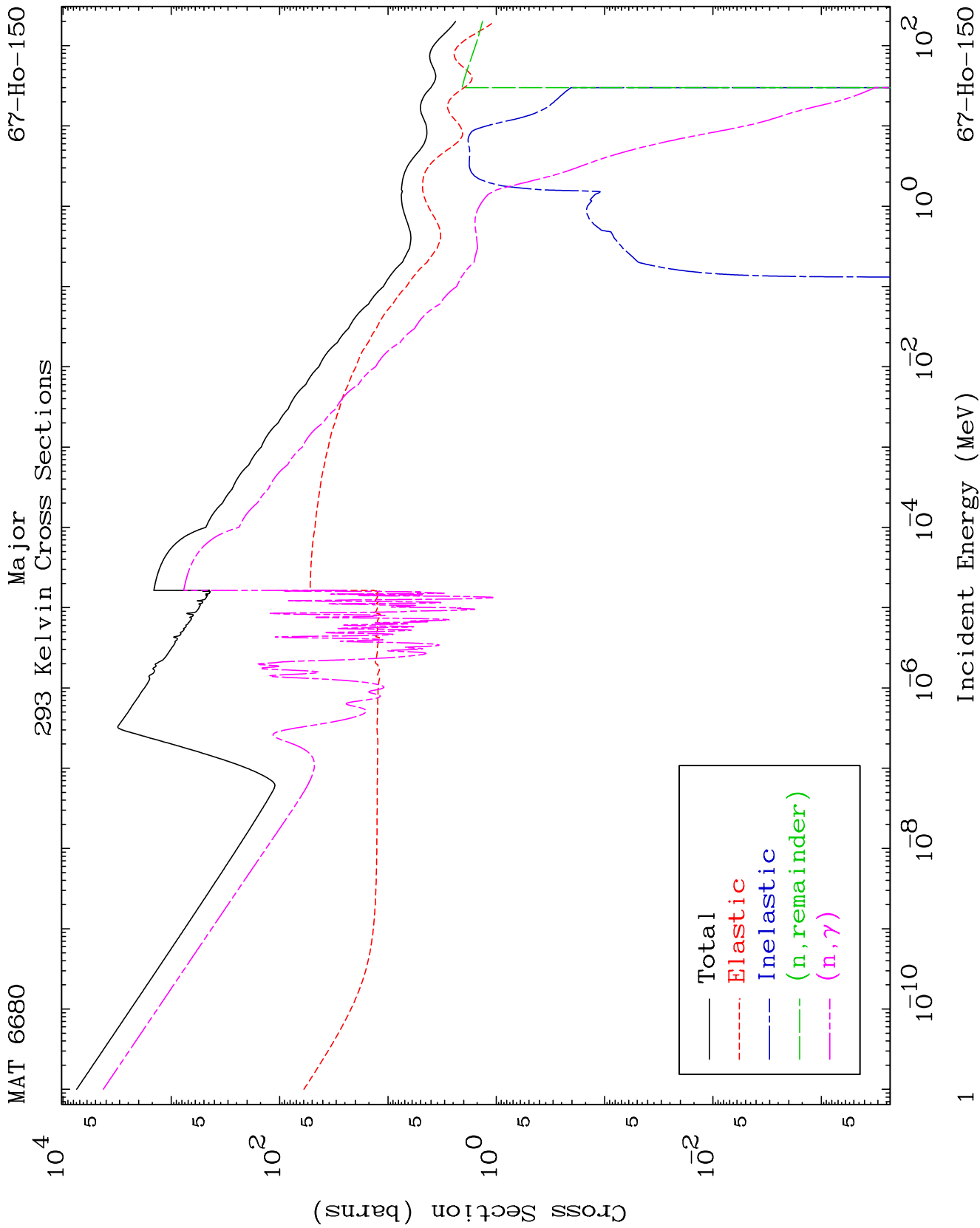
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

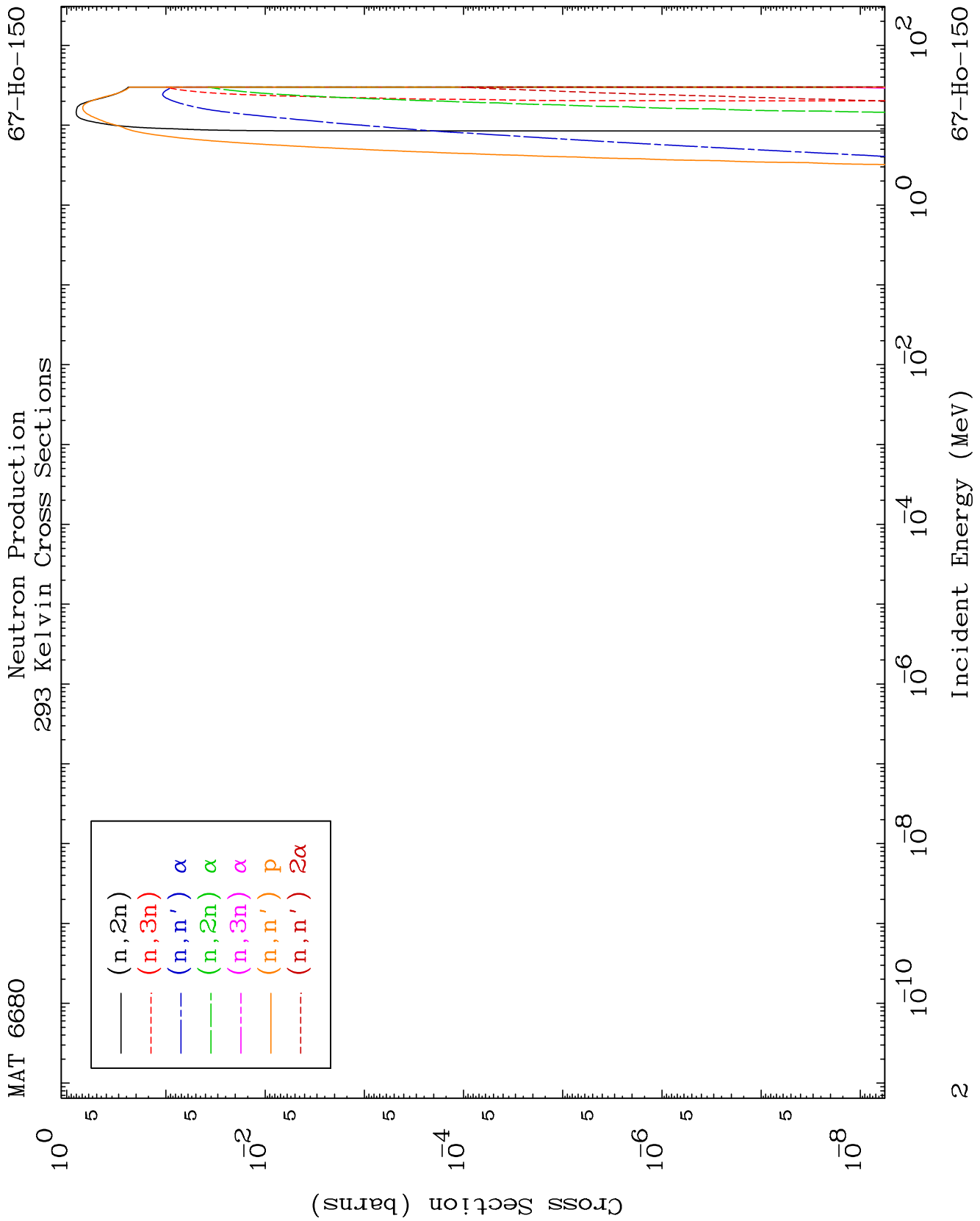
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

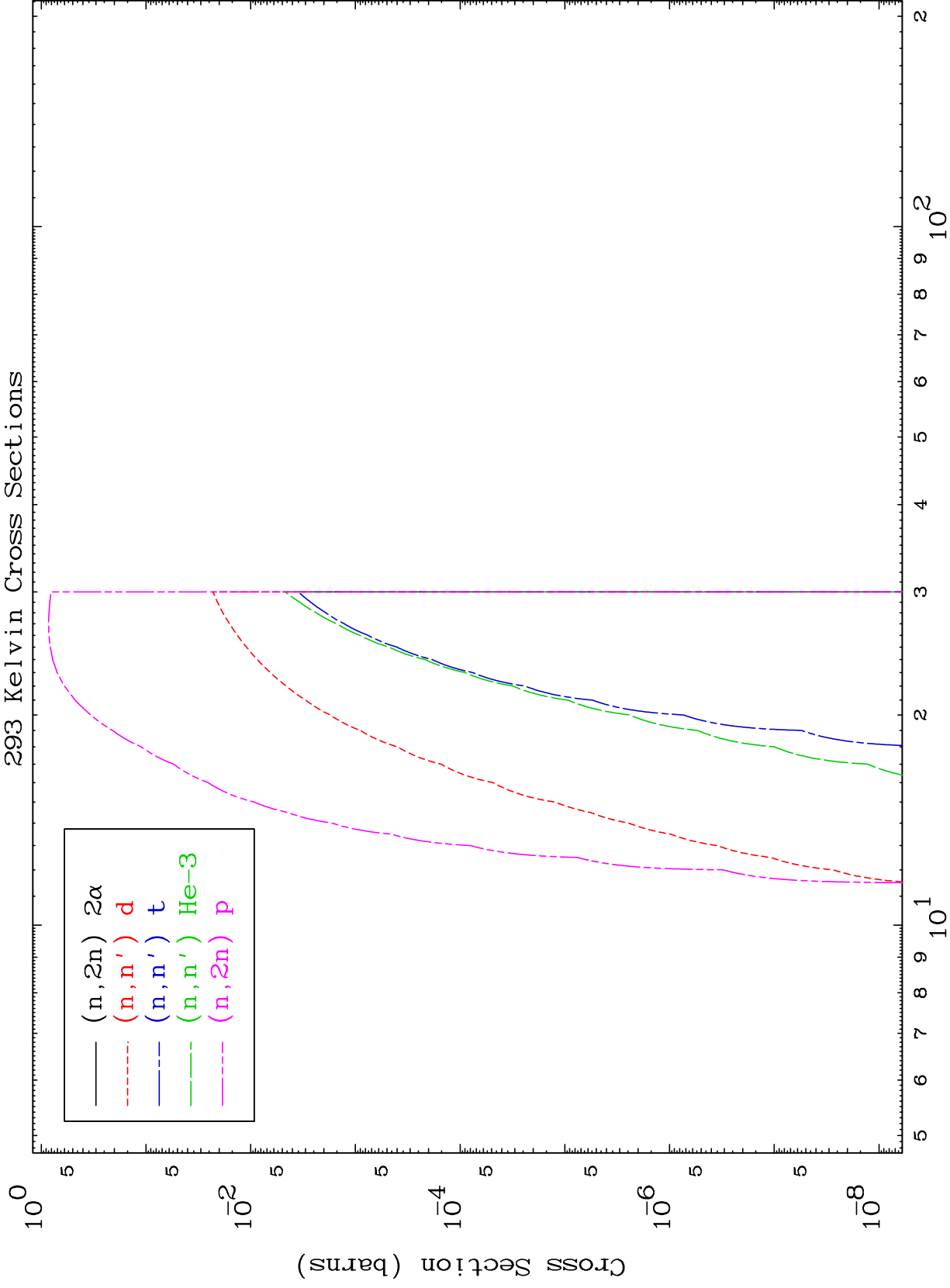




MAT 6680

Neutron Production  
293 Kelvin Cross Sections

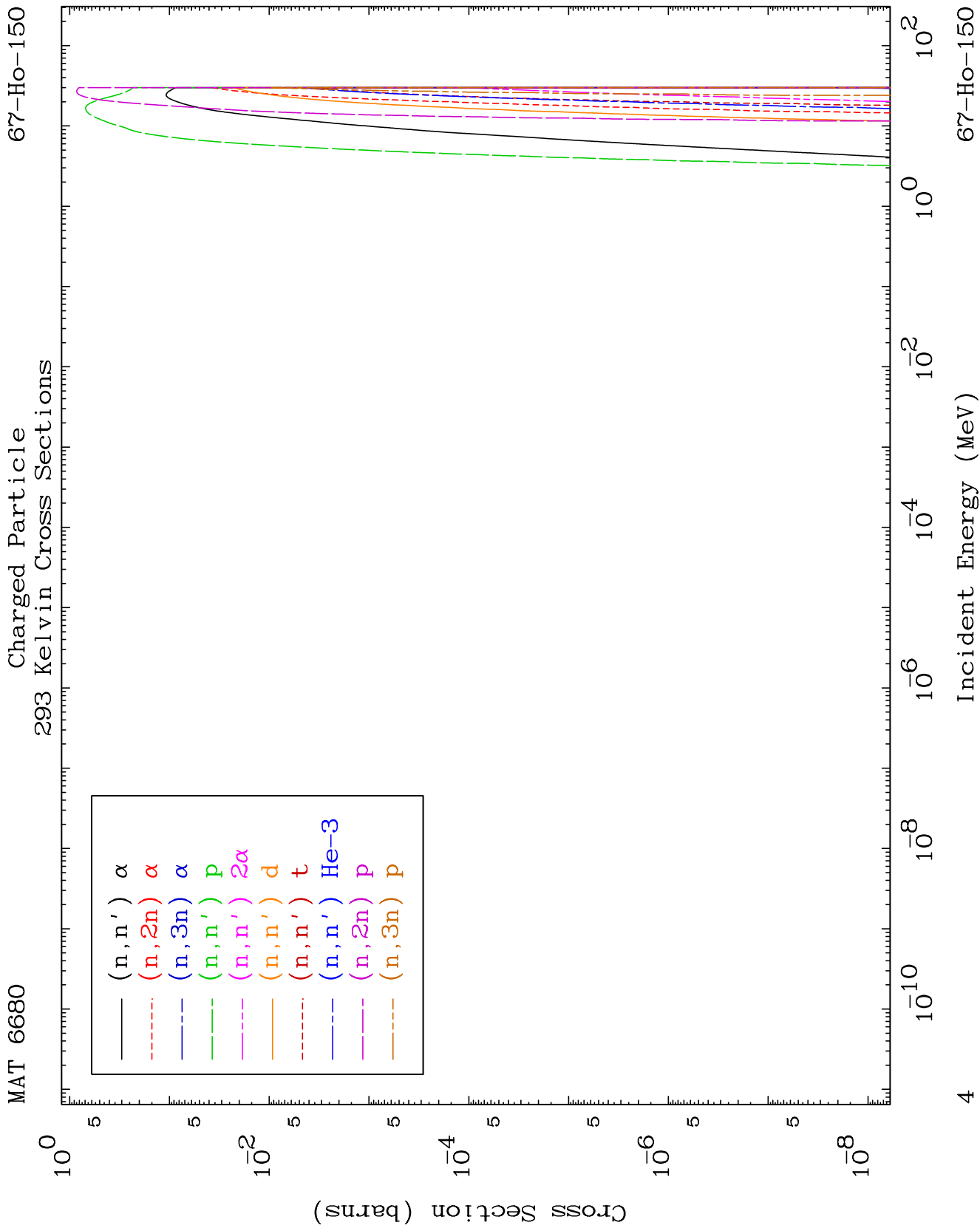
67-Ho-150



3

Incident Energy (MeV)

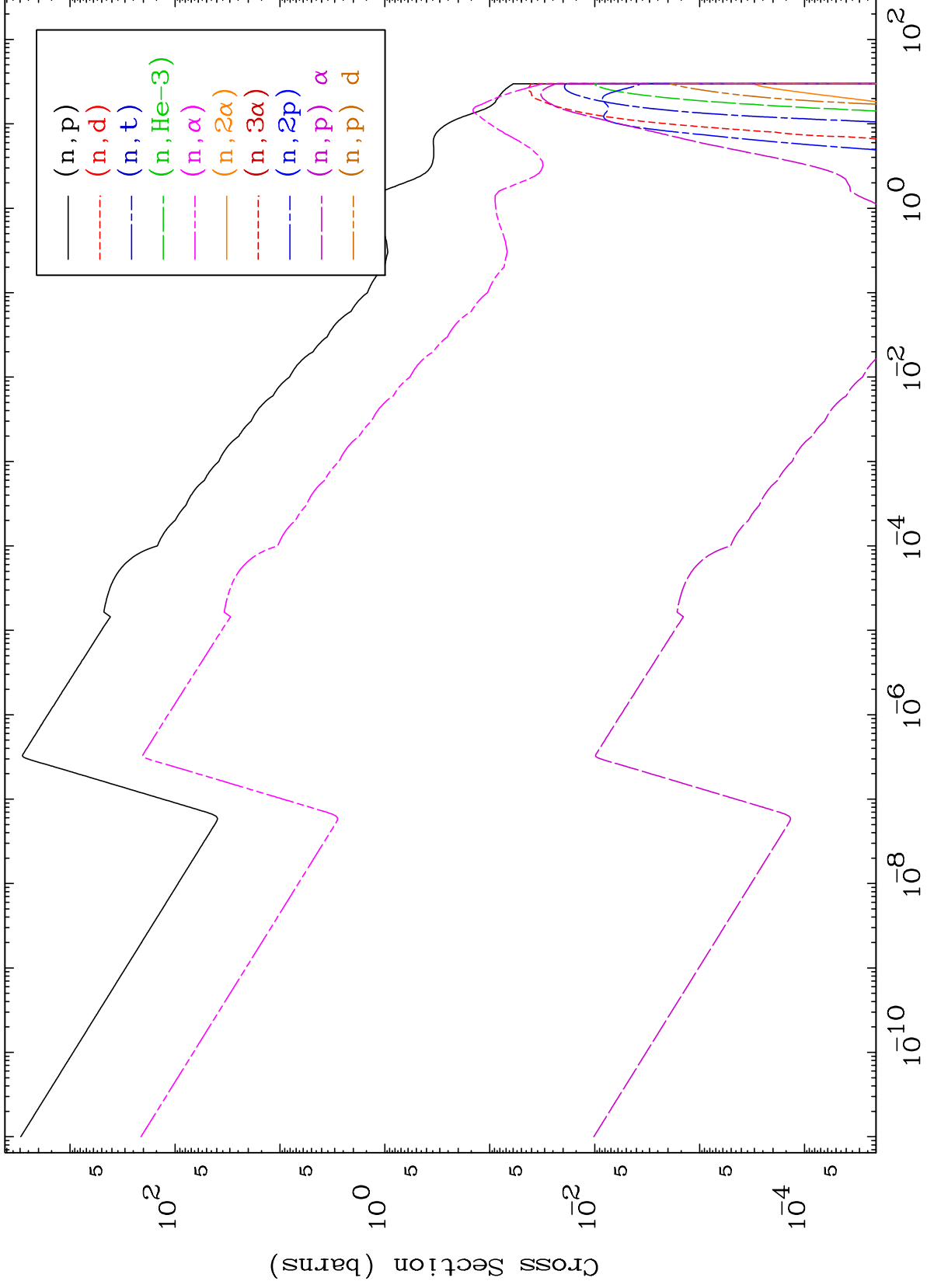
67-Ho-150



MAT 6680

Charged Particle  
293 Kelvin Cross Sections

67-Ho-150



5

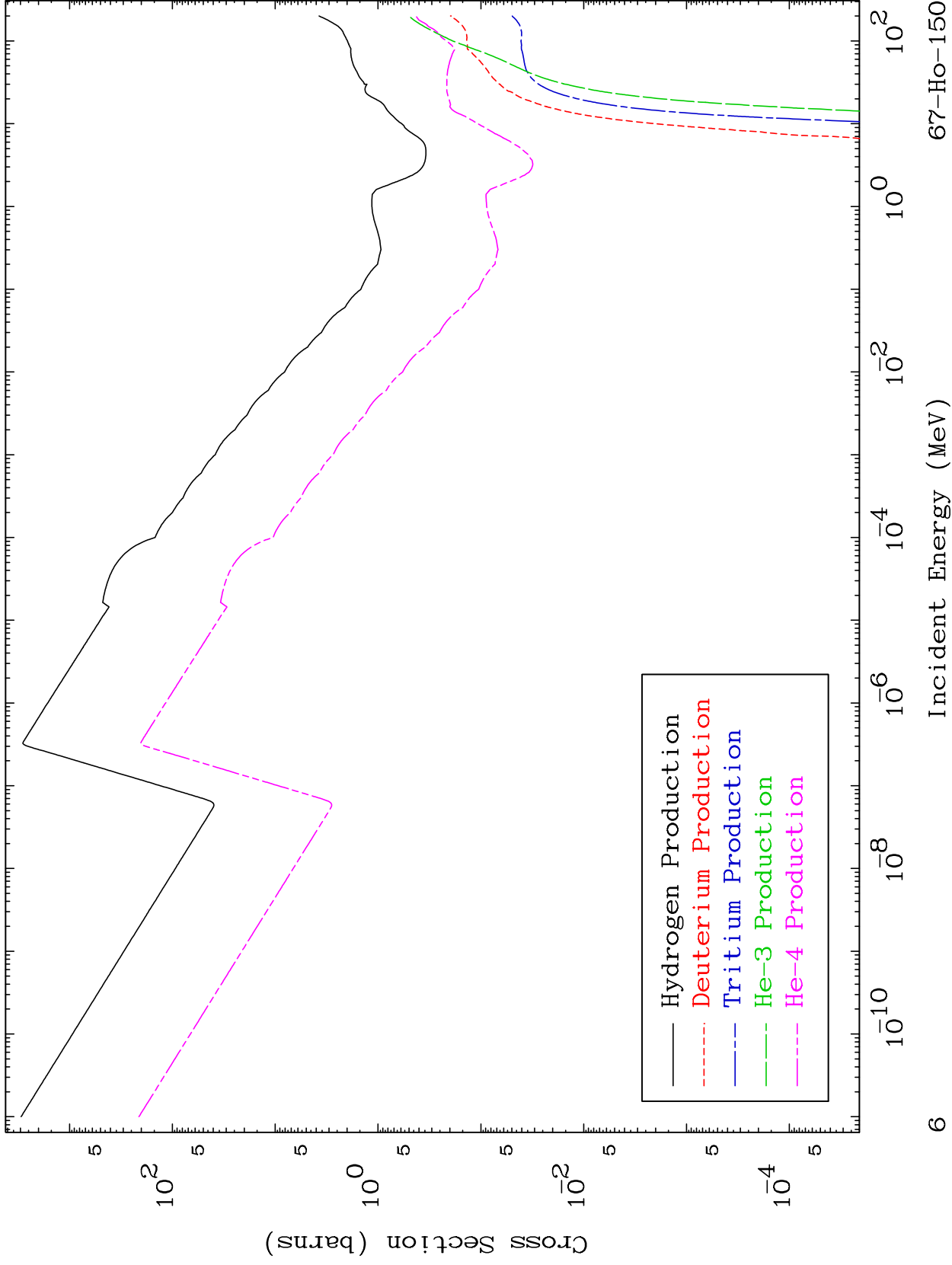
Incident Energy (MeV)

67-Ho-150

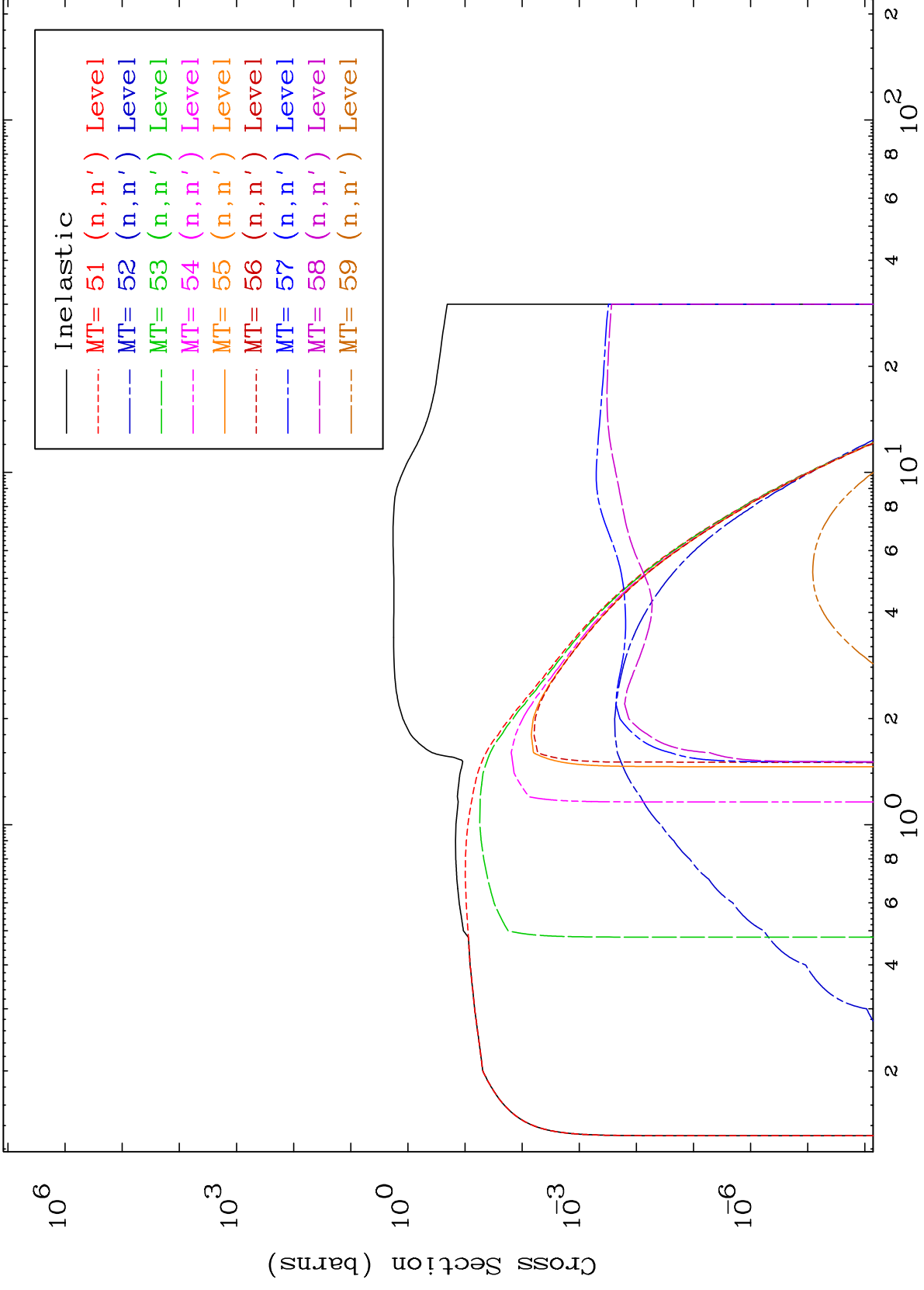
MAT 6680

Particle Production  
293 Kelvin Cross Sections

67-Ho-150



293 Kelvin Cross Sections



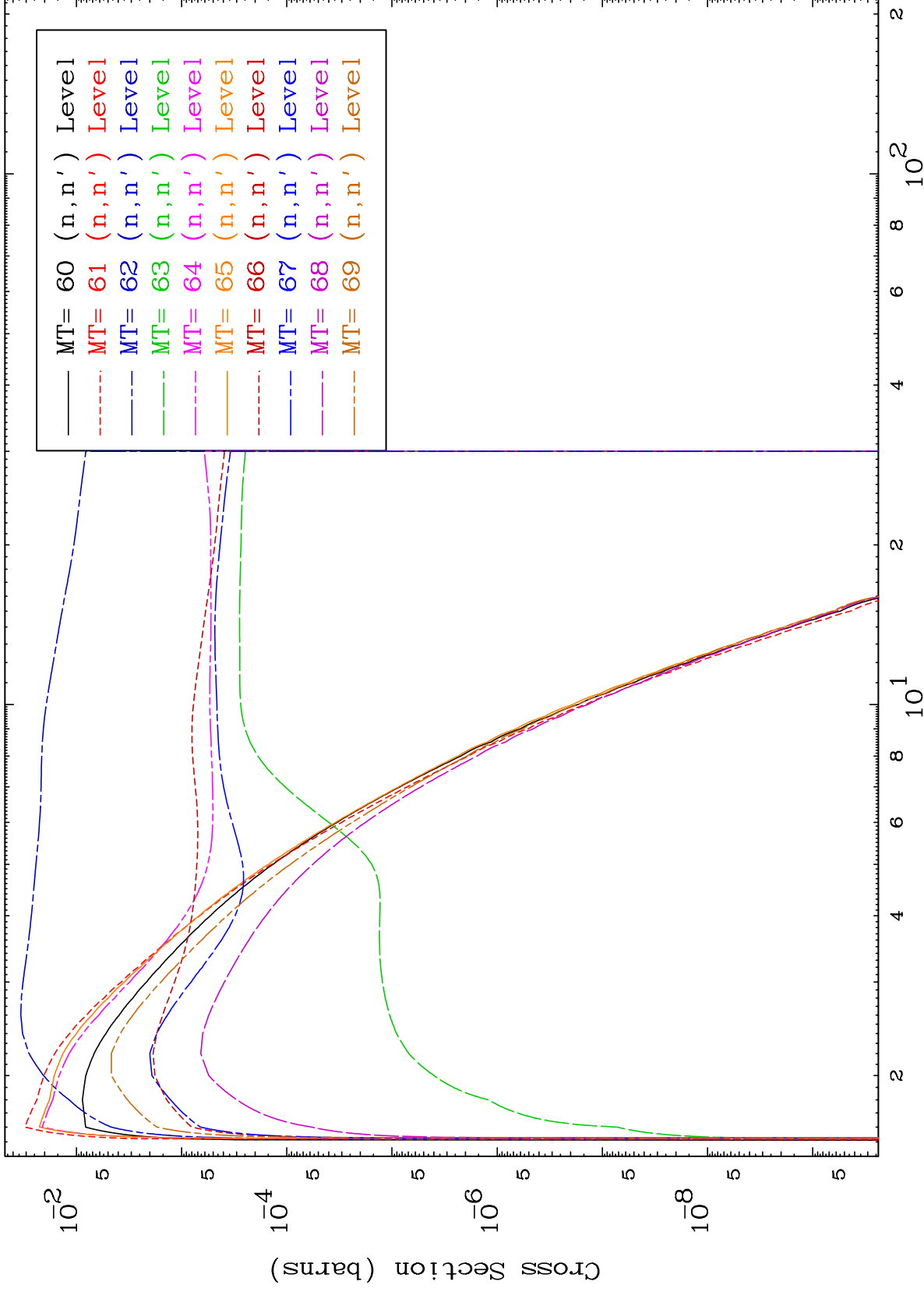


MAT 6680

(n,n') Level

67-Ho-150

293 Kelvin Cross Sections

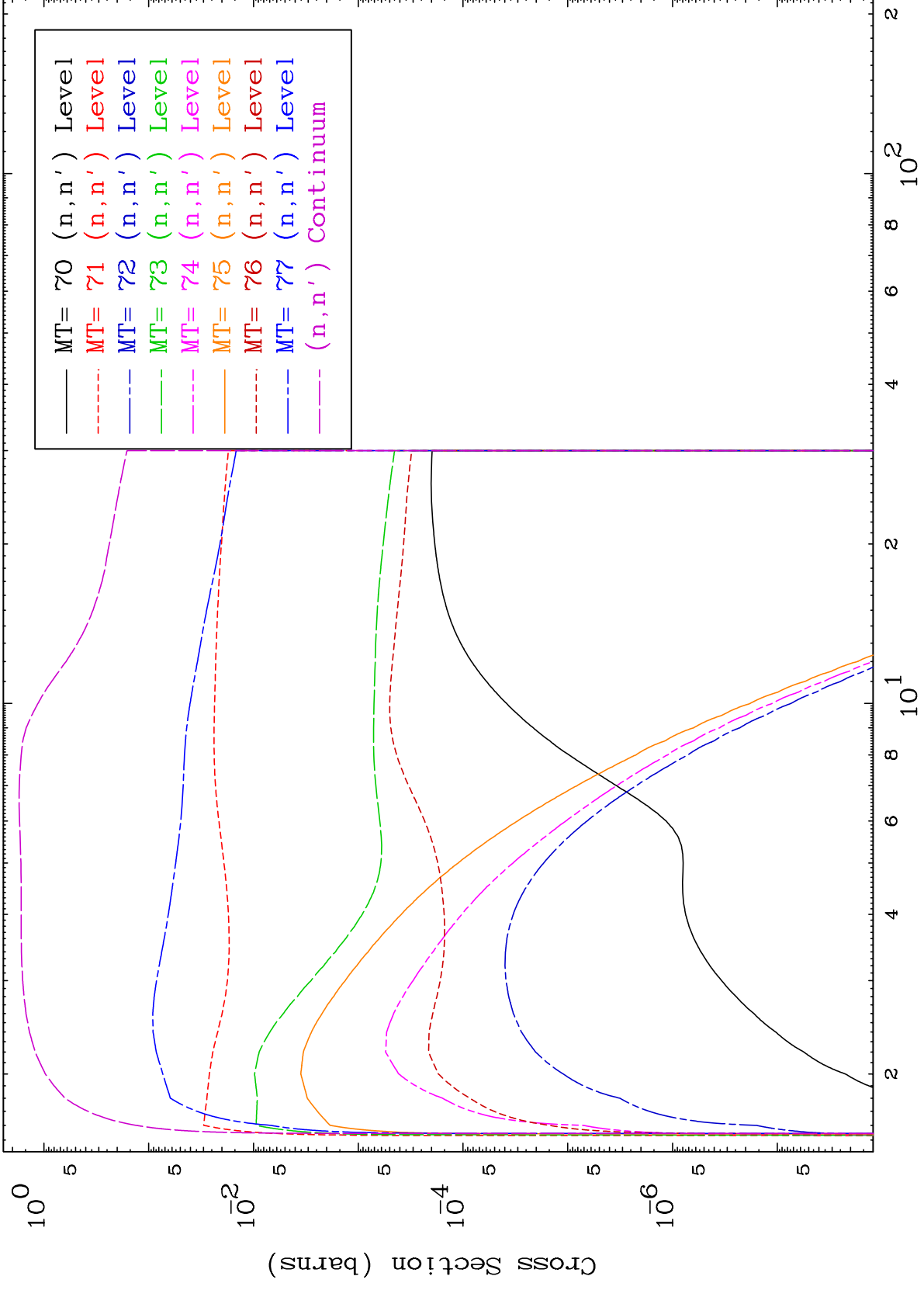


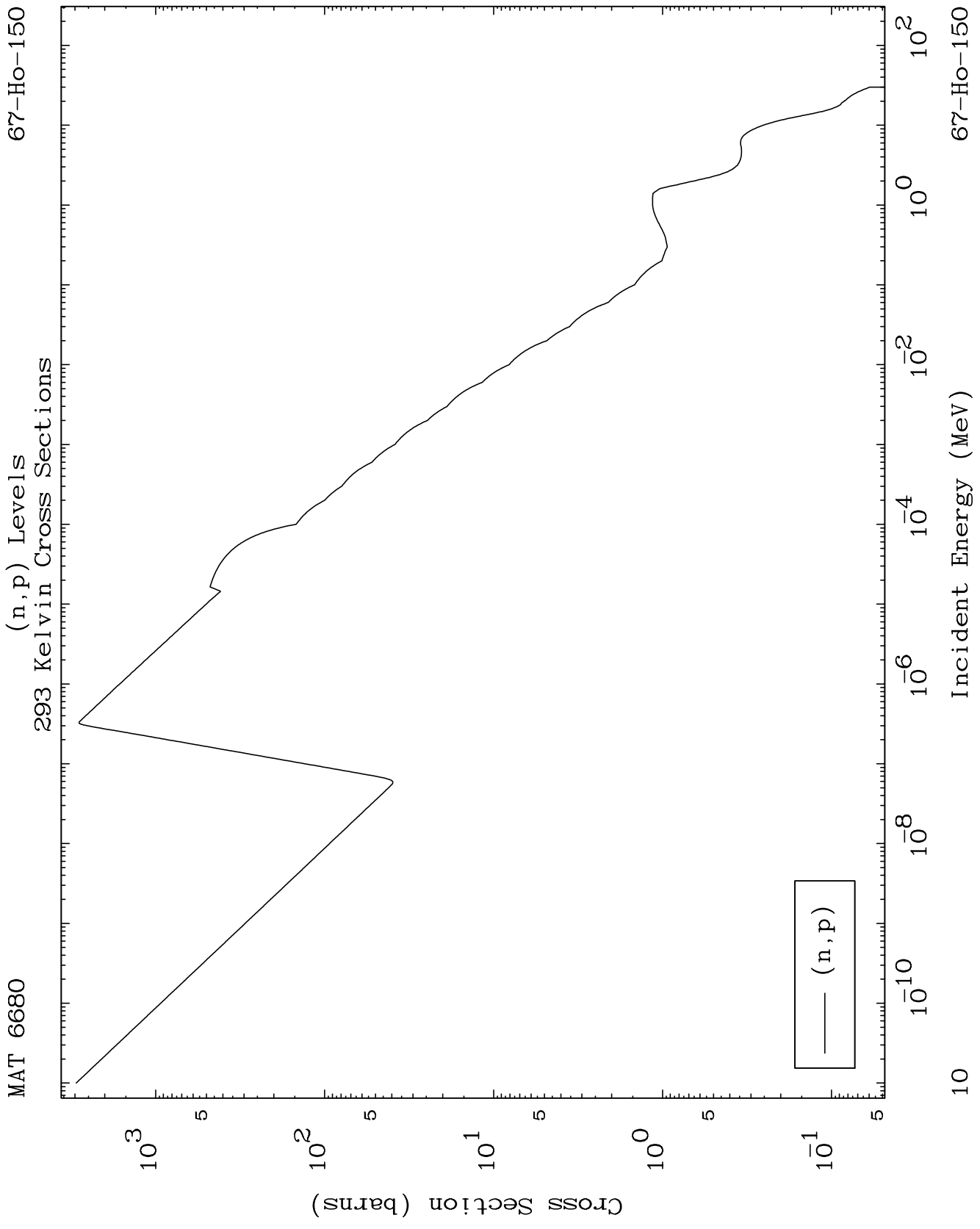
8

Incident Energy (MeV)

67-Ho-150

293 Kelvin Cross Sections

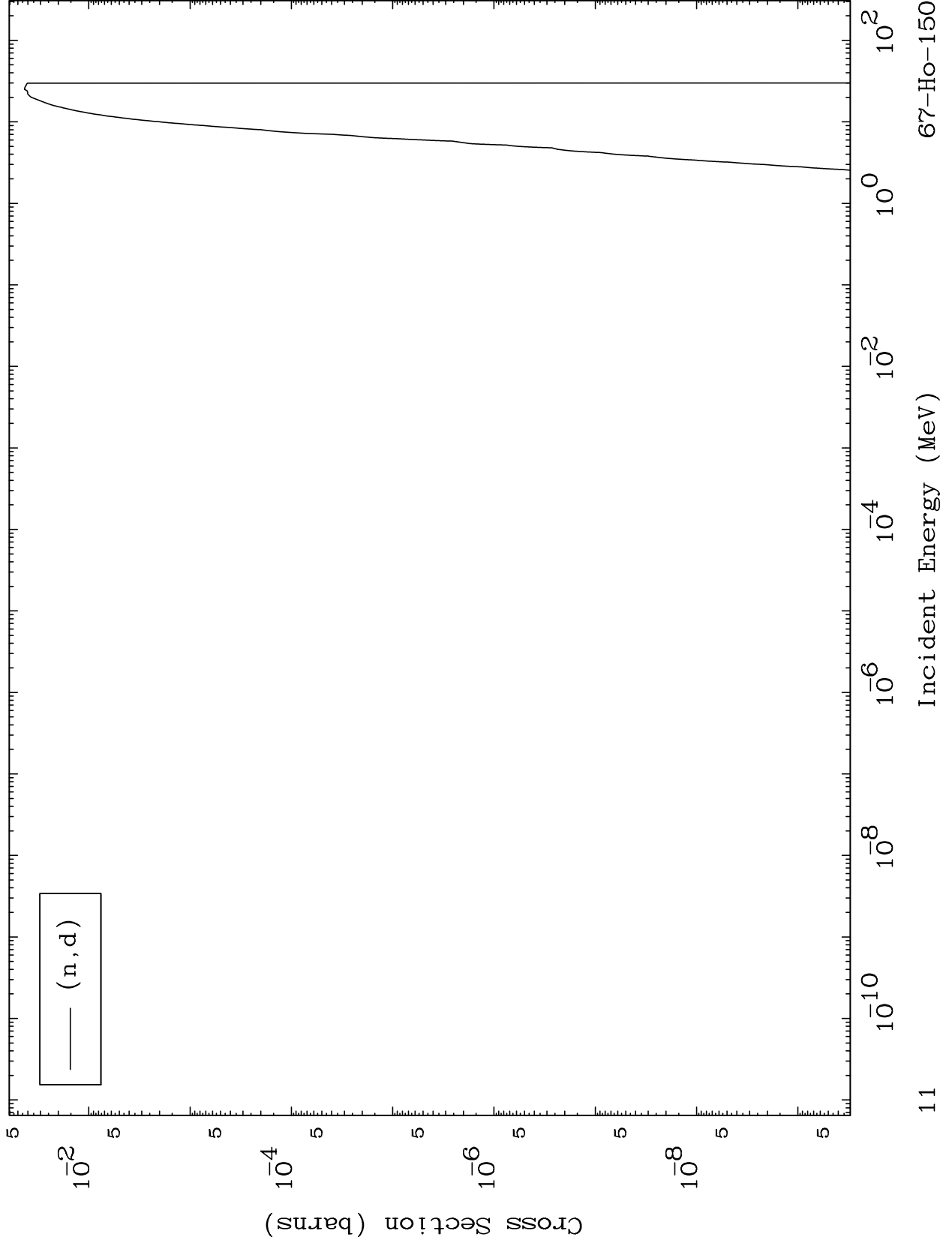




MAT 6680

(n,d) Levels  
293 Kelvin Cross Sections

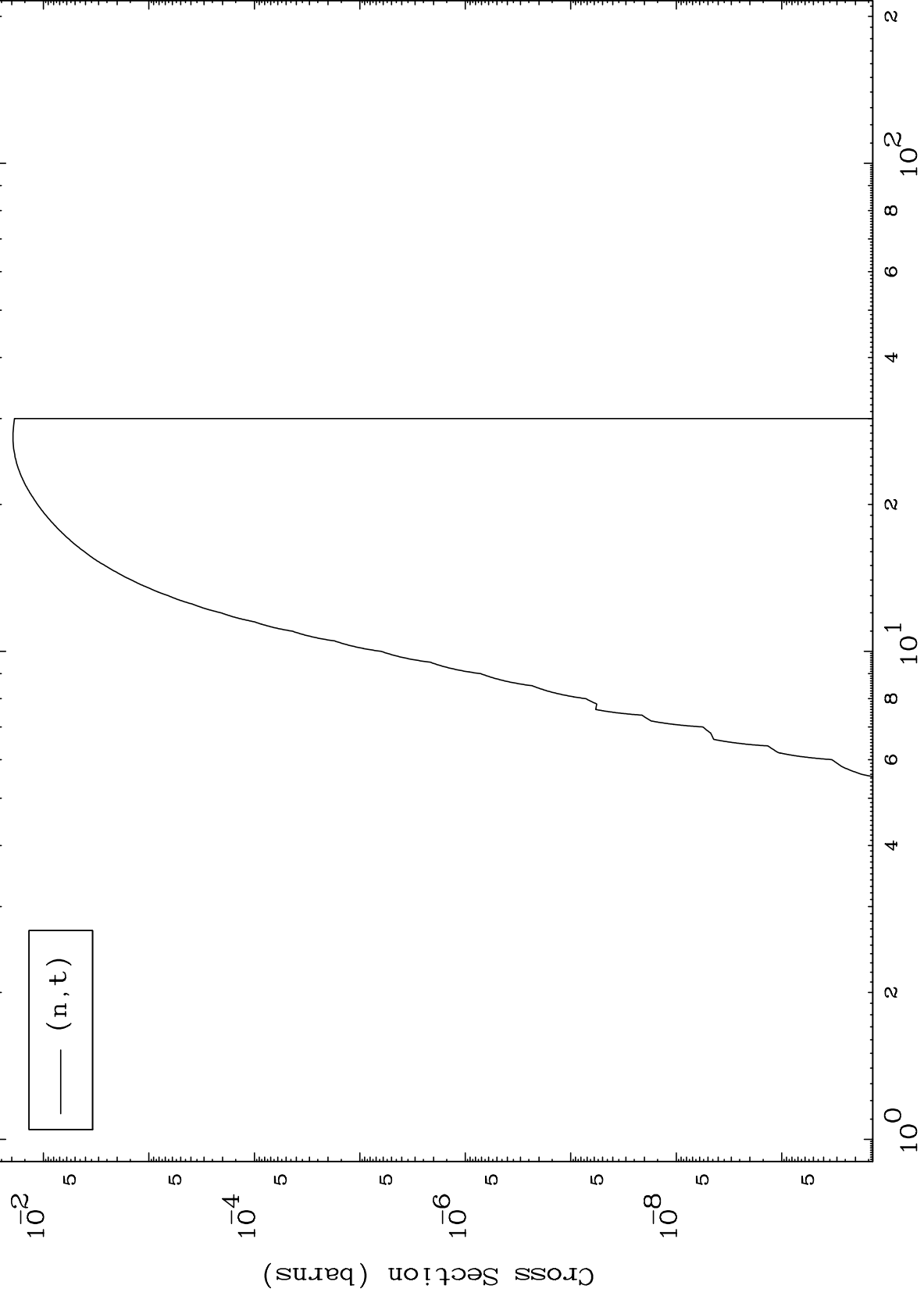
67-Ho-150



MAT 6680

(n,t) Levels  
293 Kelvin Cross Sections

67-Ho-150



67-Ho-150

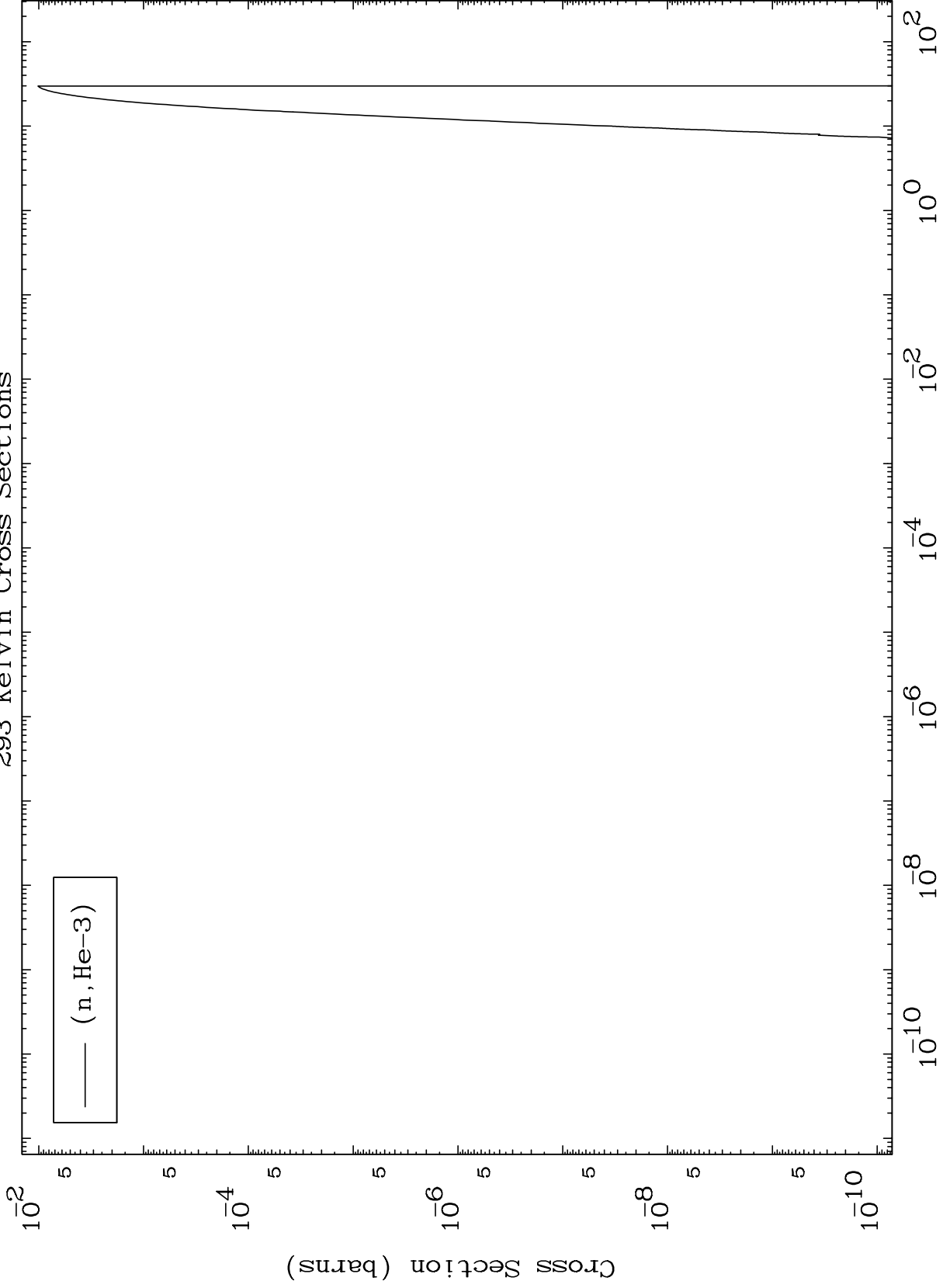
Incident Energy (MeV)

12

MAT 6680

(n,He3) Levels  
293 Kelvin Cross Sections

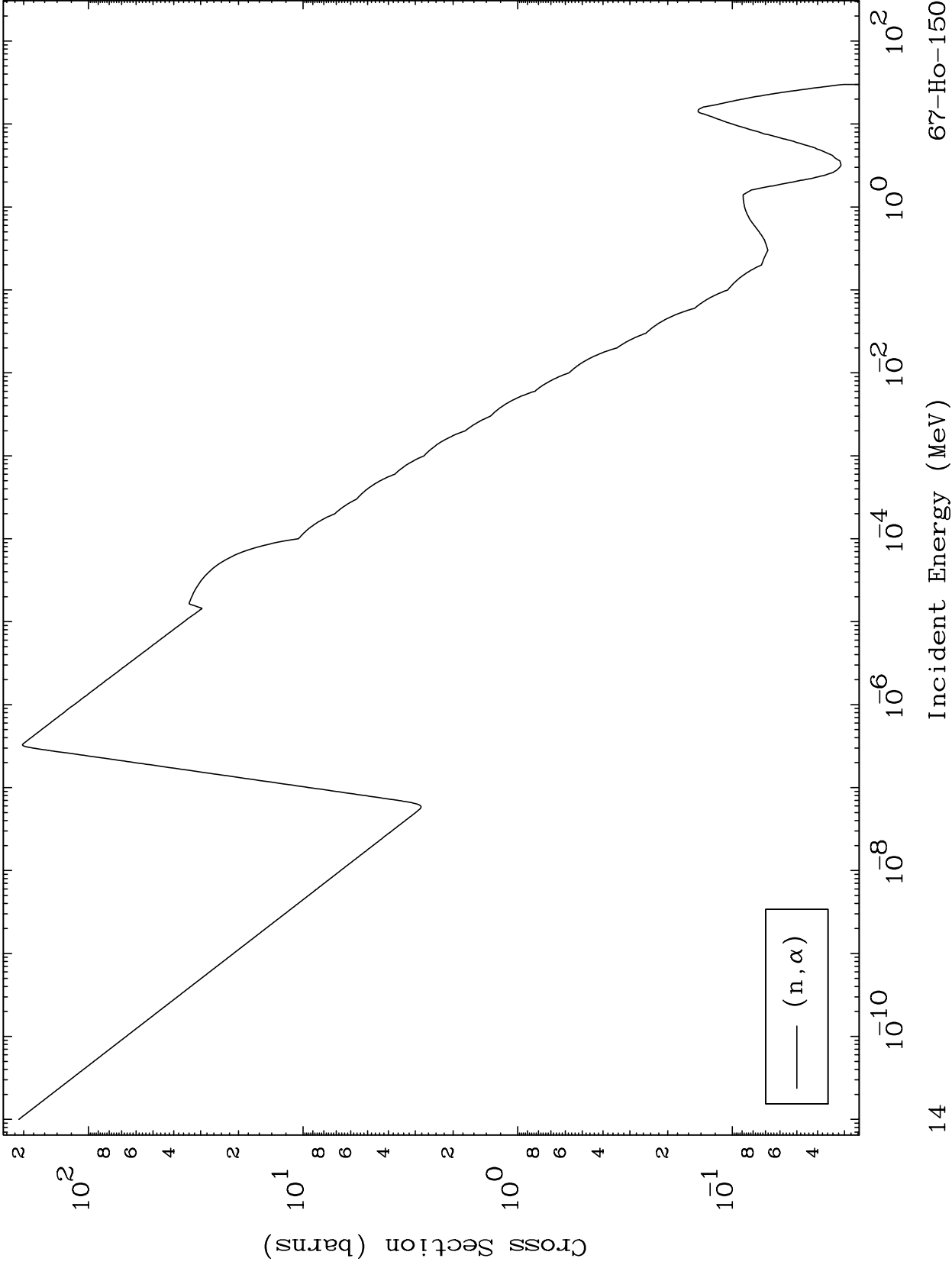
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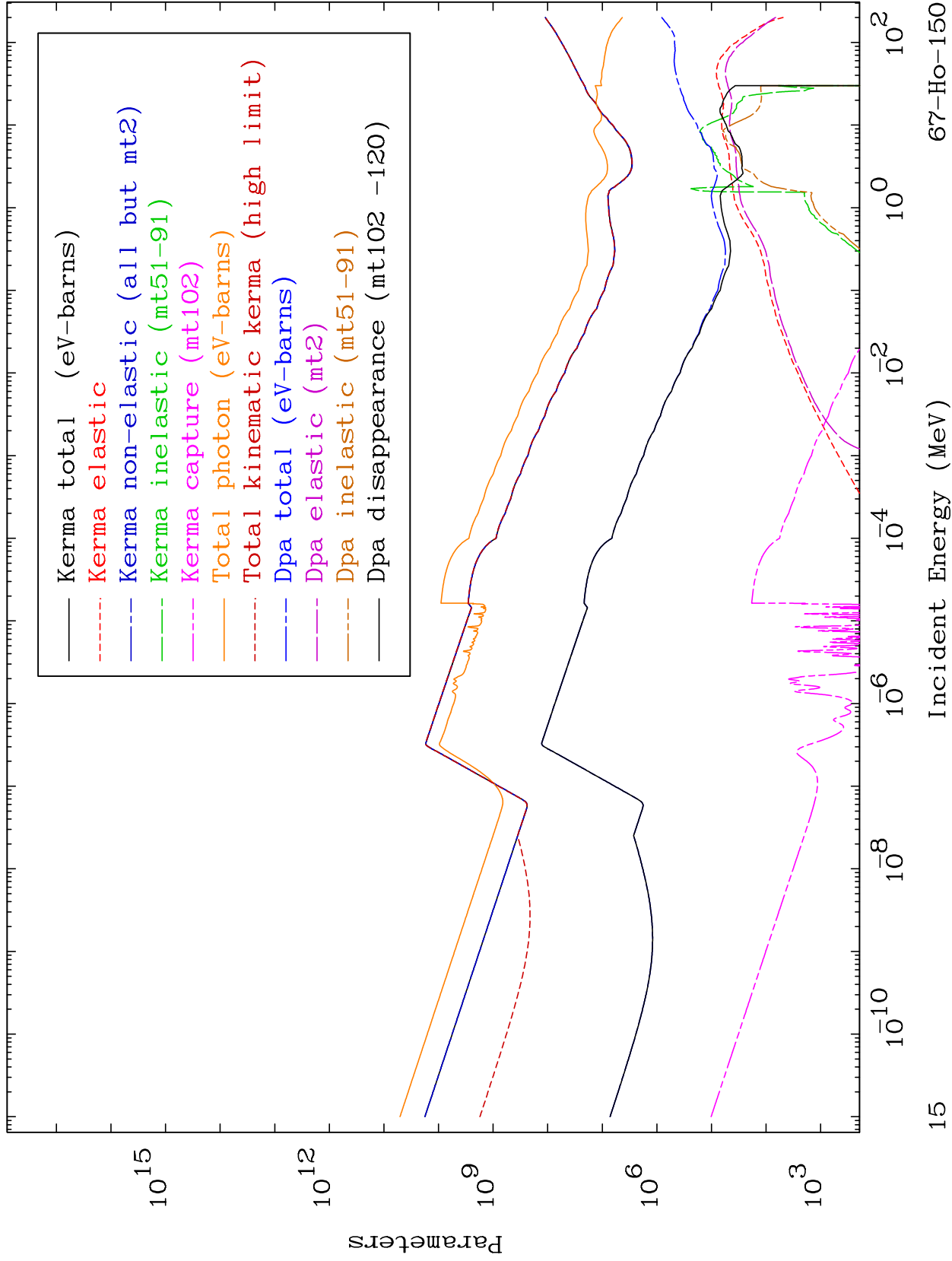


MAT 6680

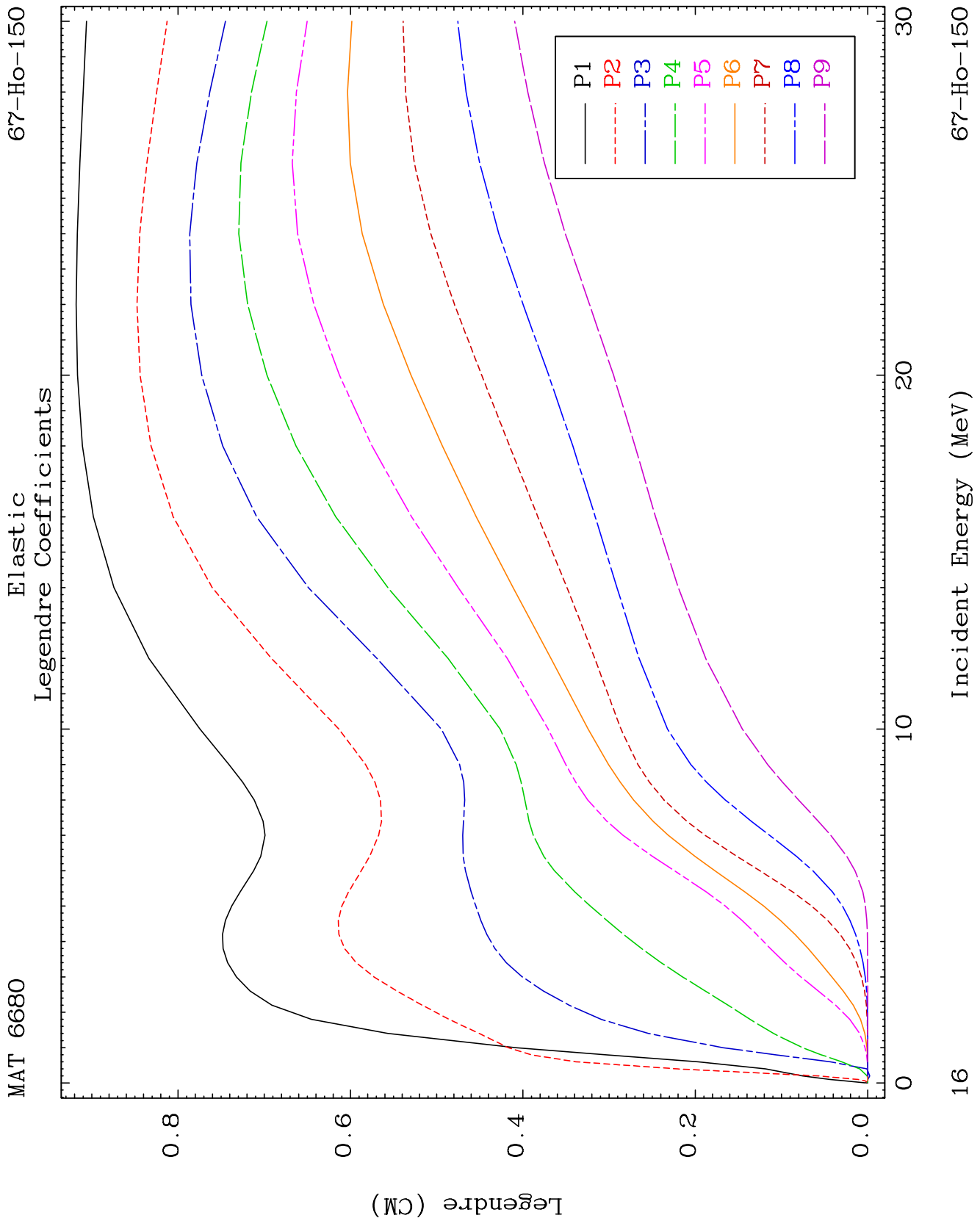
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

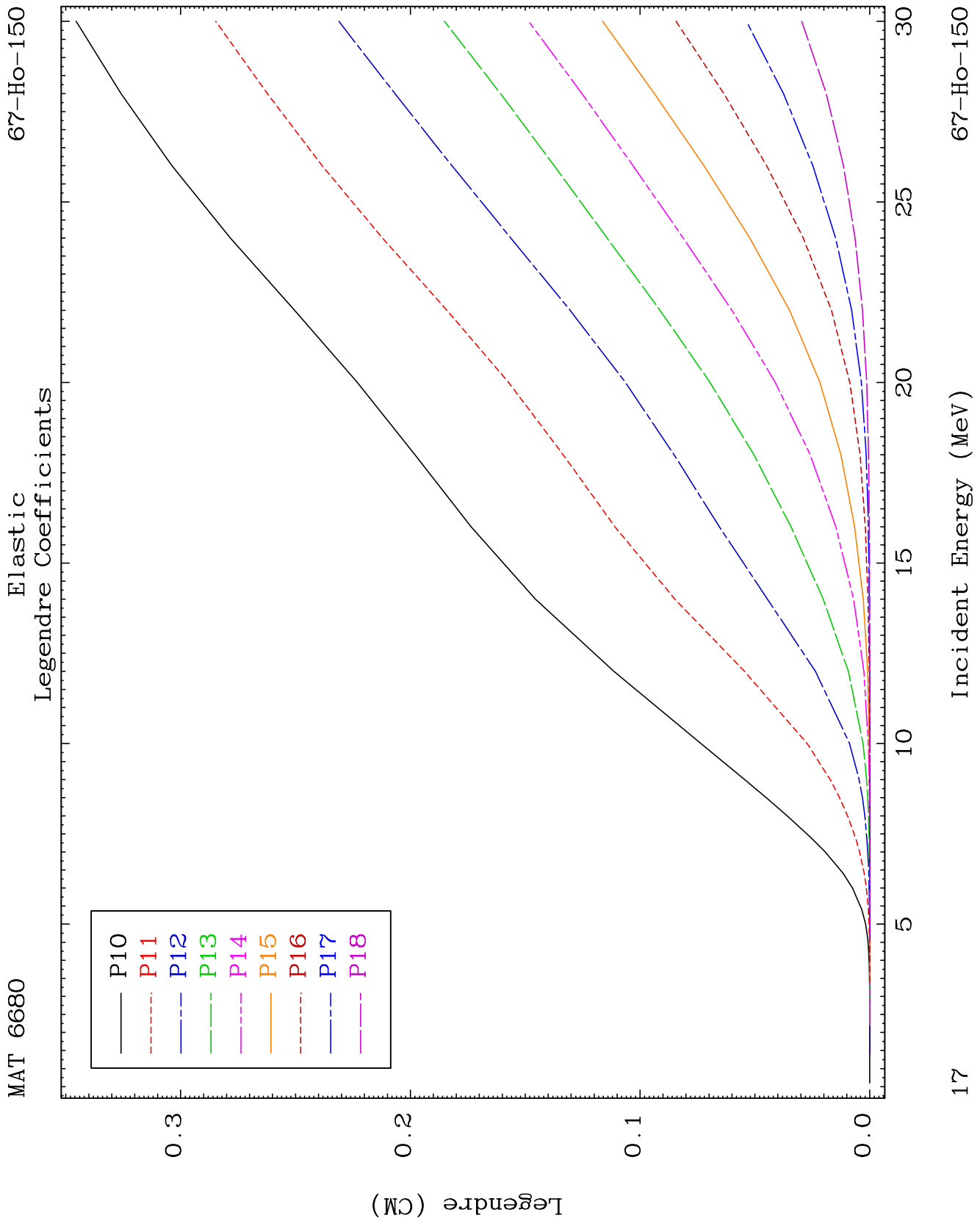
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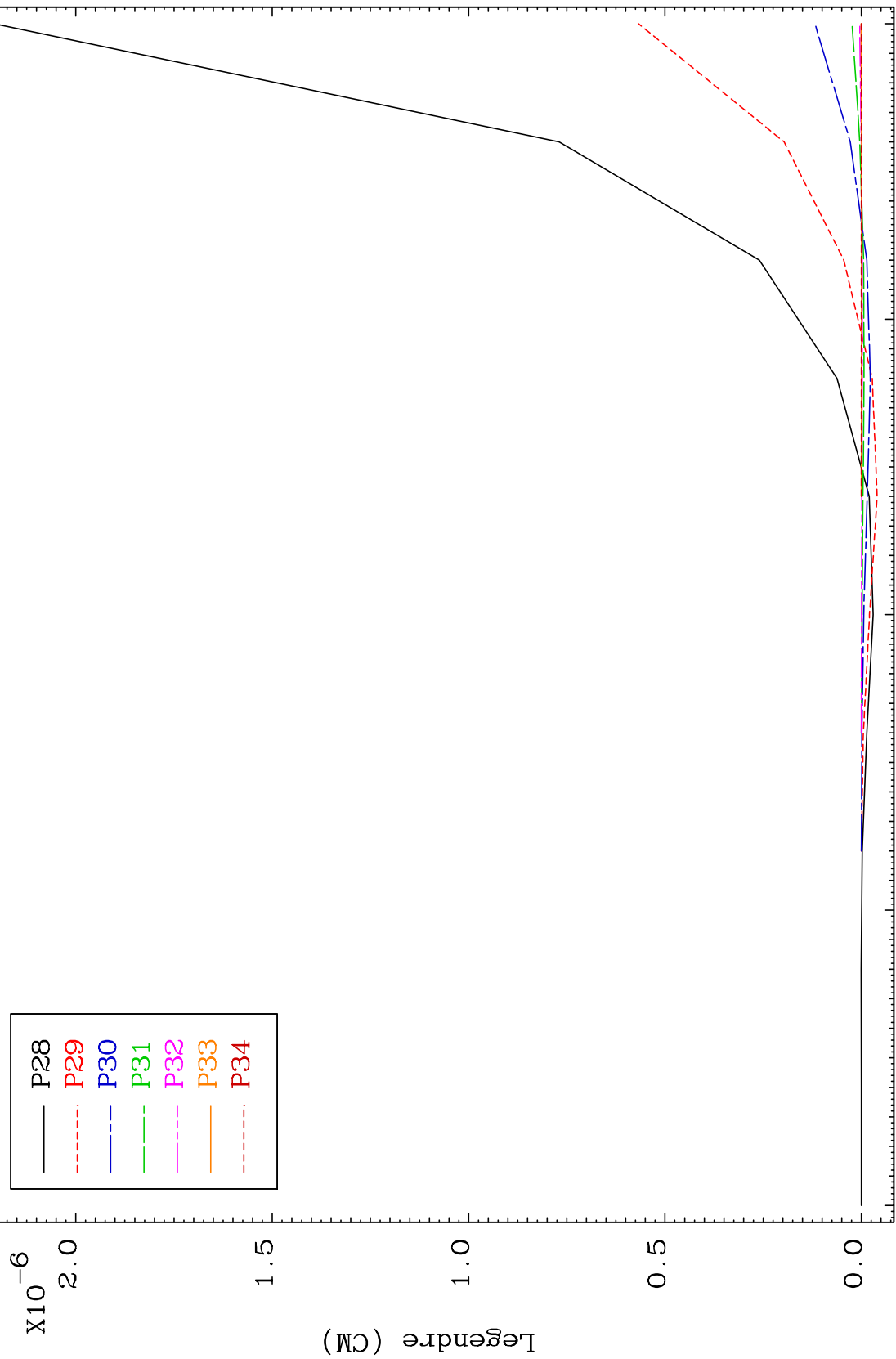
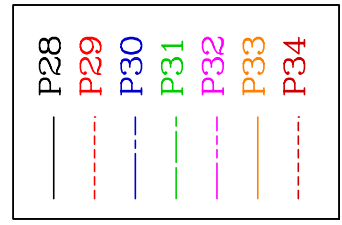




MAT 6680

Elastic Legendre Coefficients

67-Ho-150

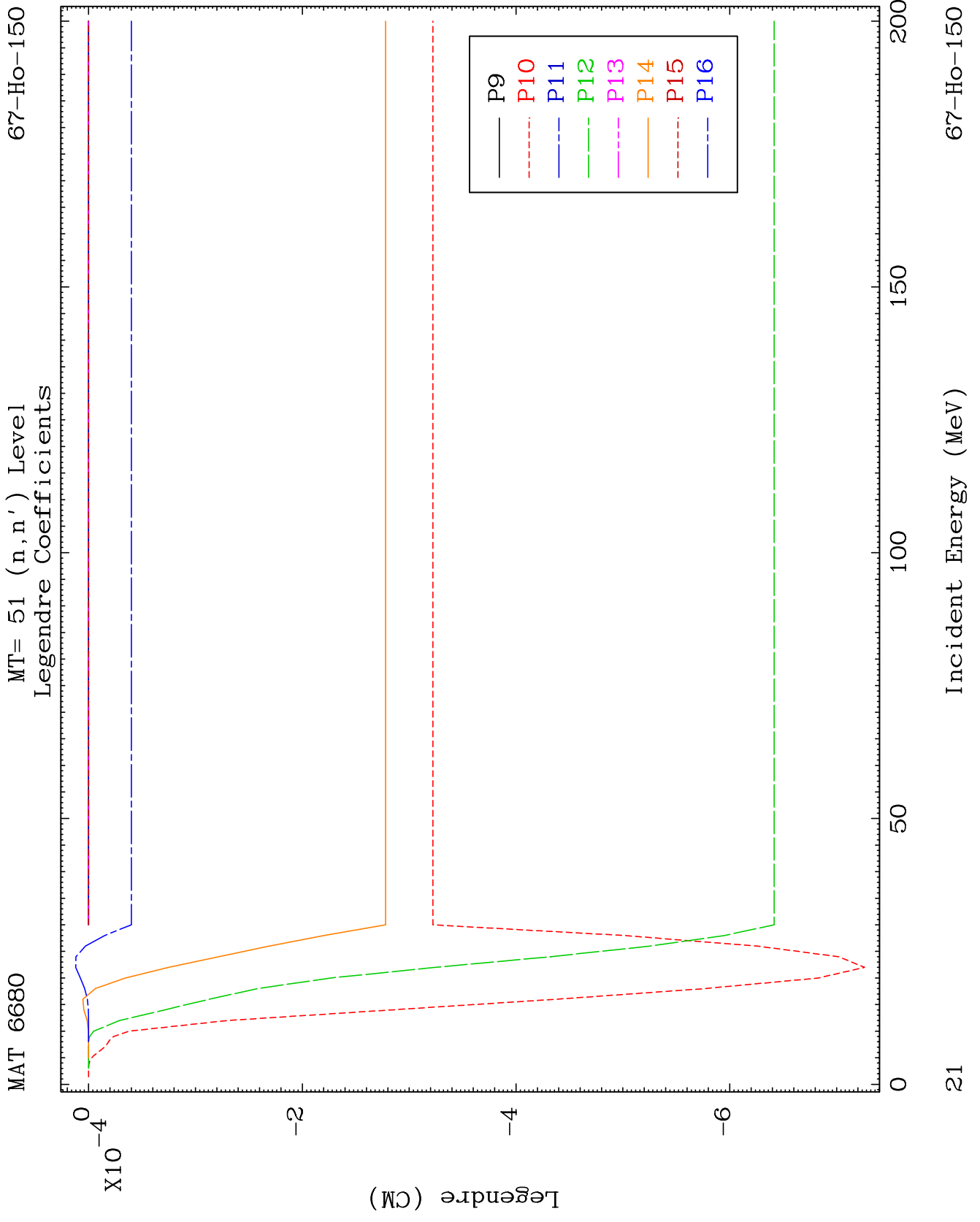


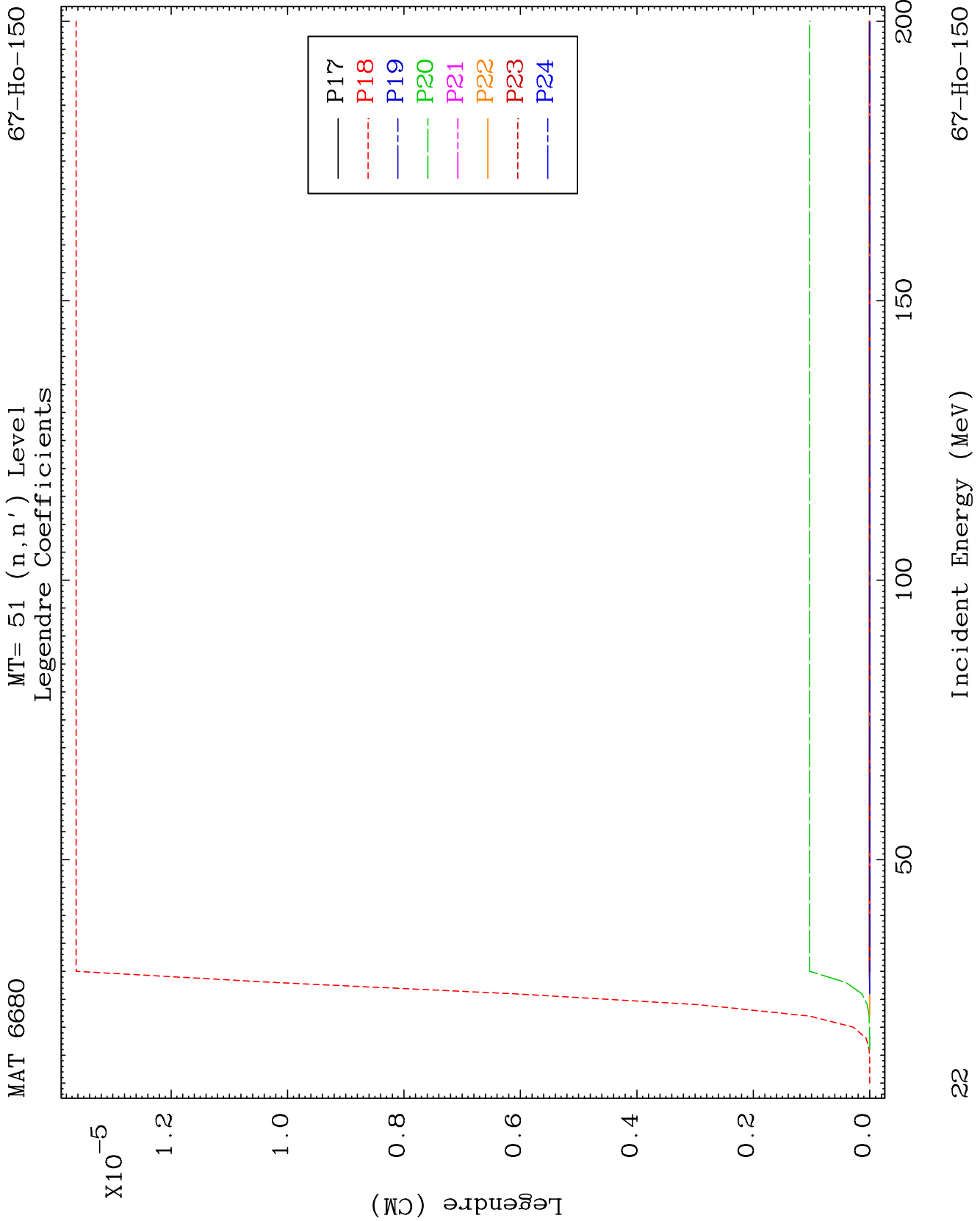
19

Incident Energy (MeV)

67-Ho-150







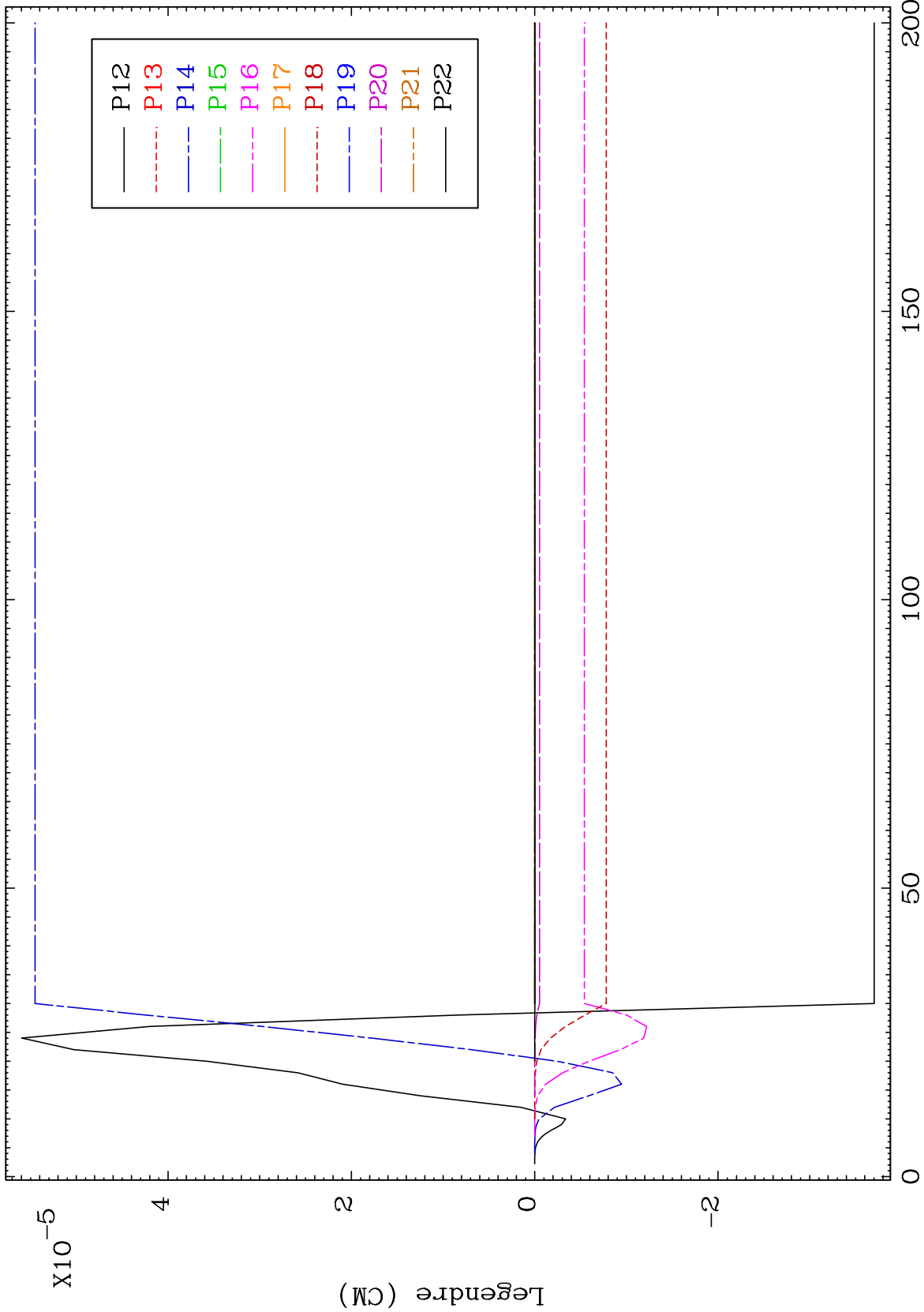




MAT 6680

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

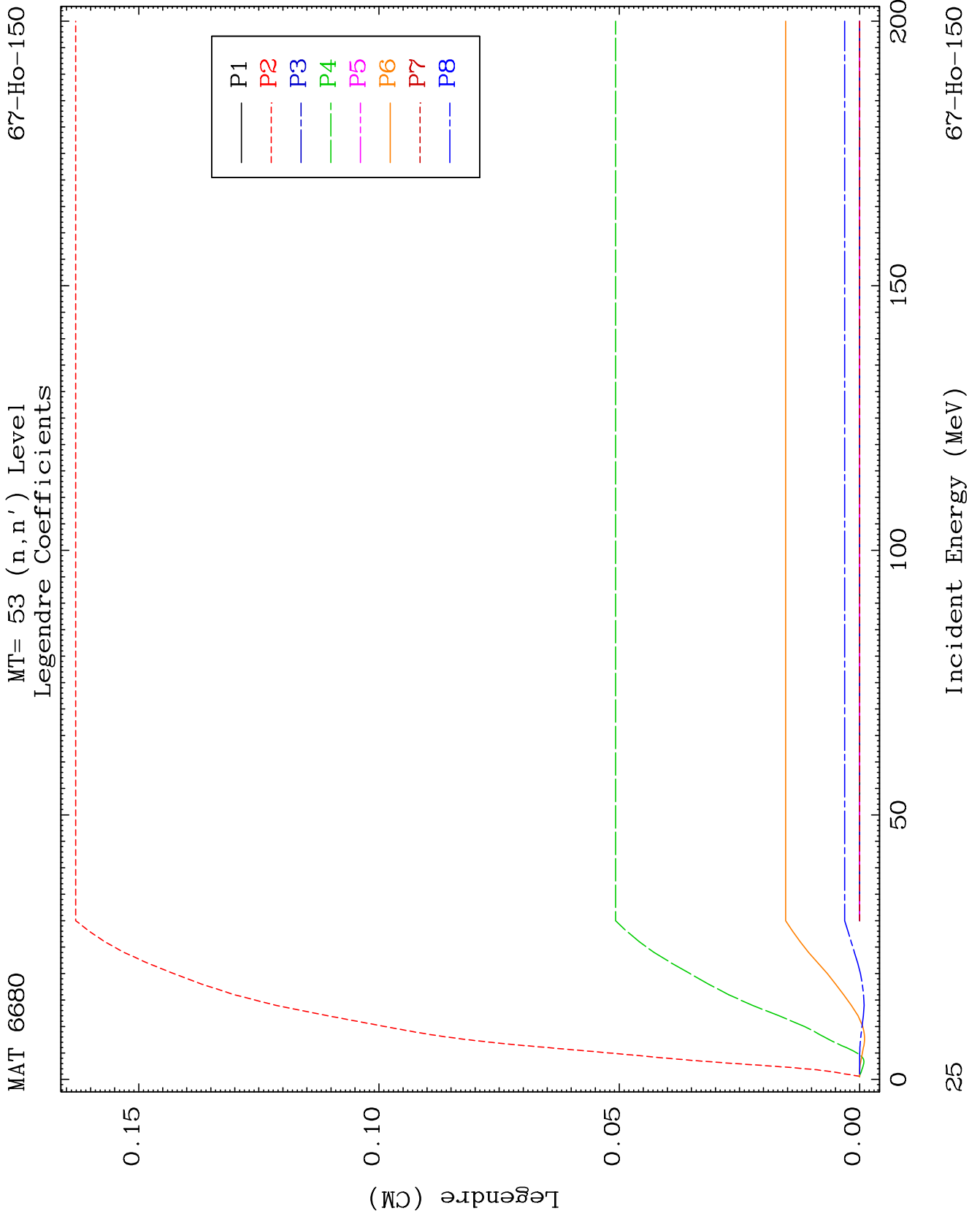
67-Ho-150

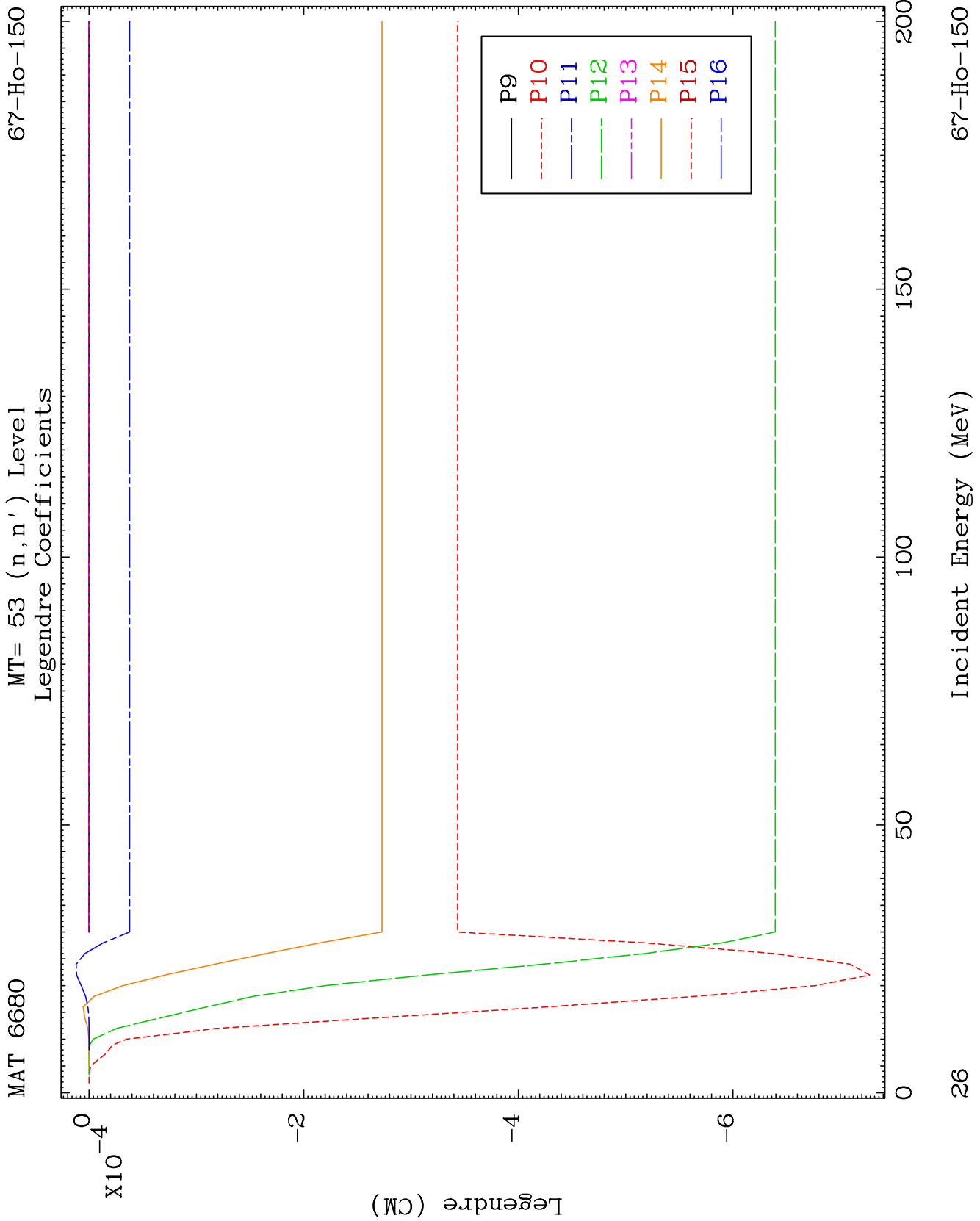


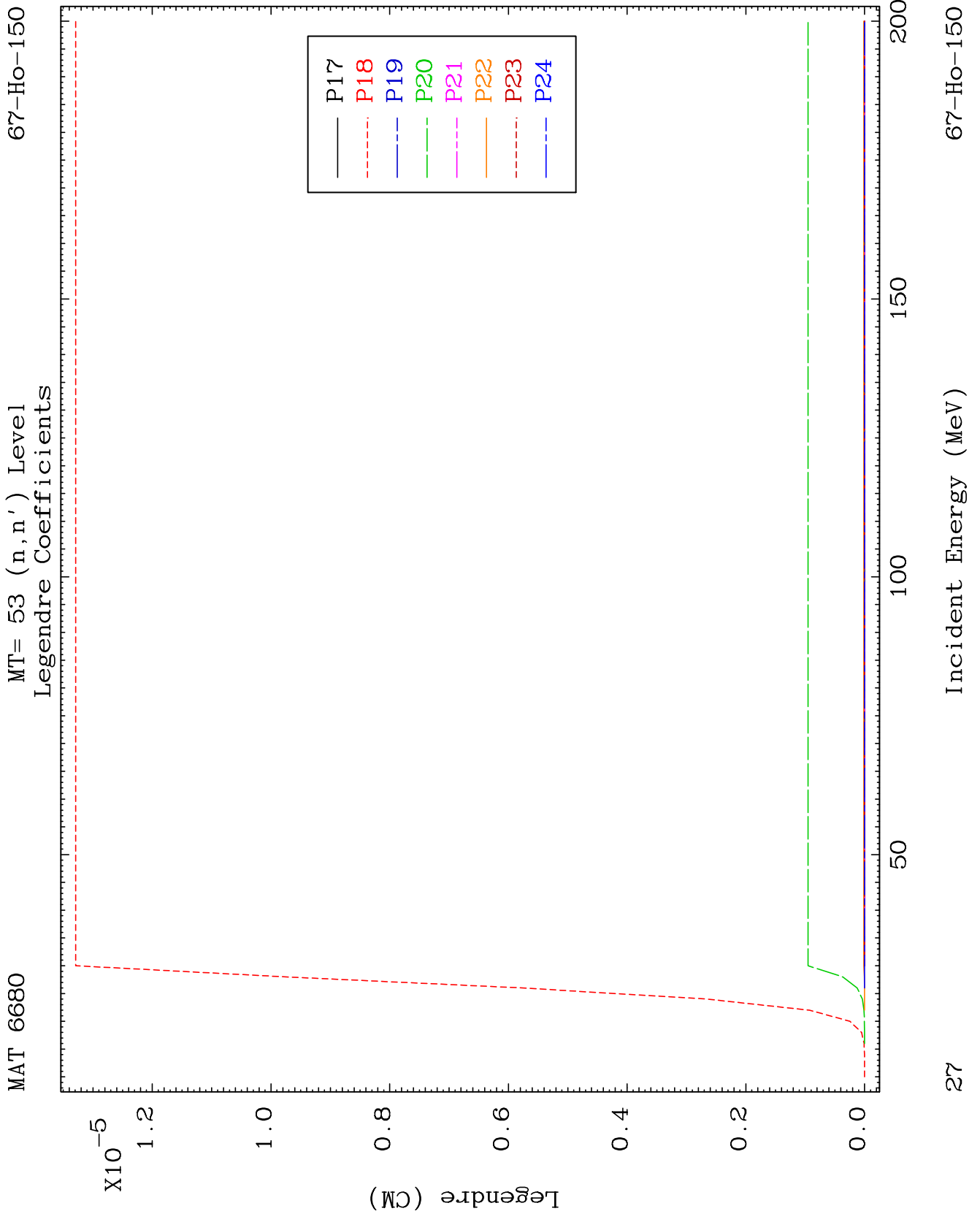
24

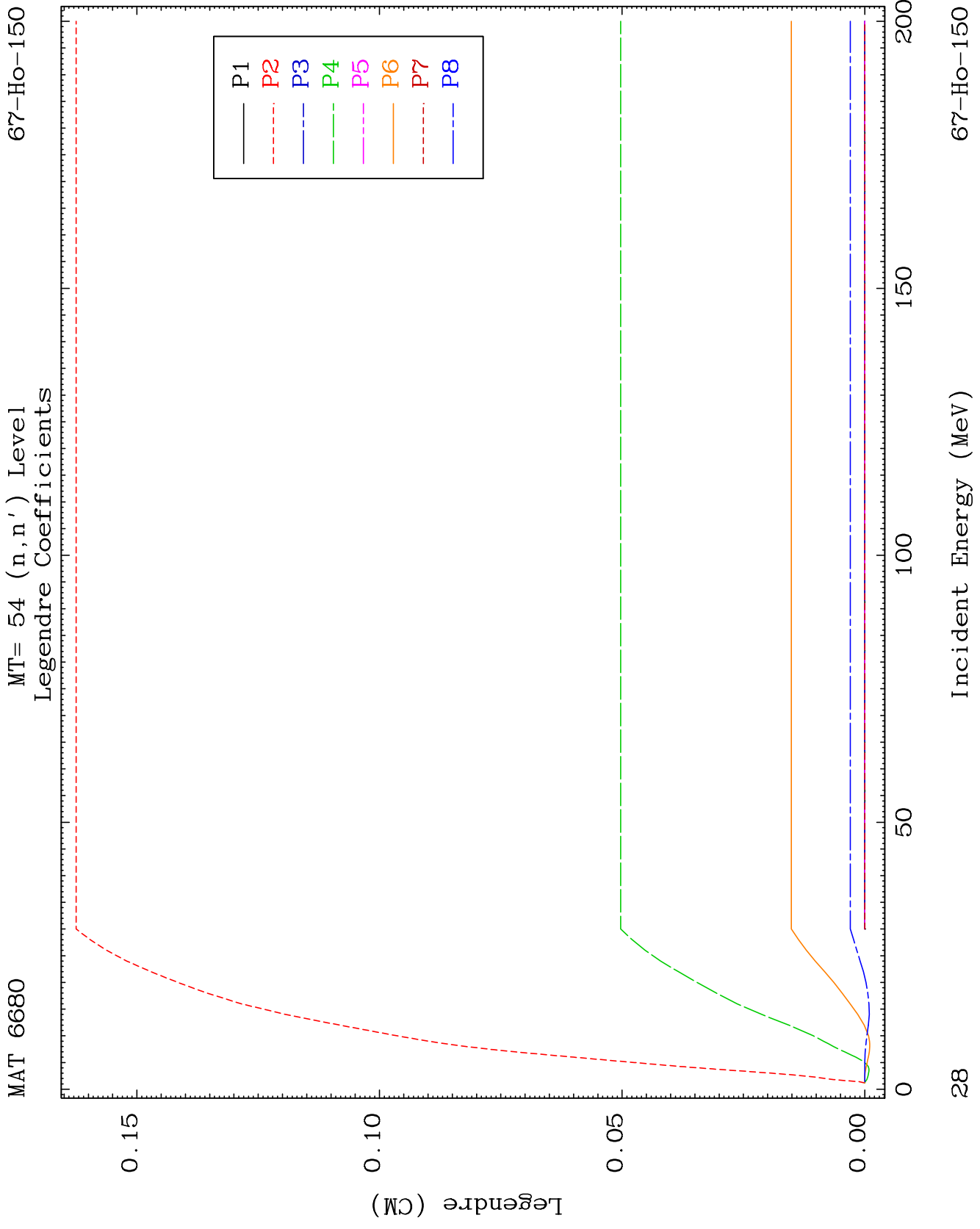
Incident Energy (MeV)

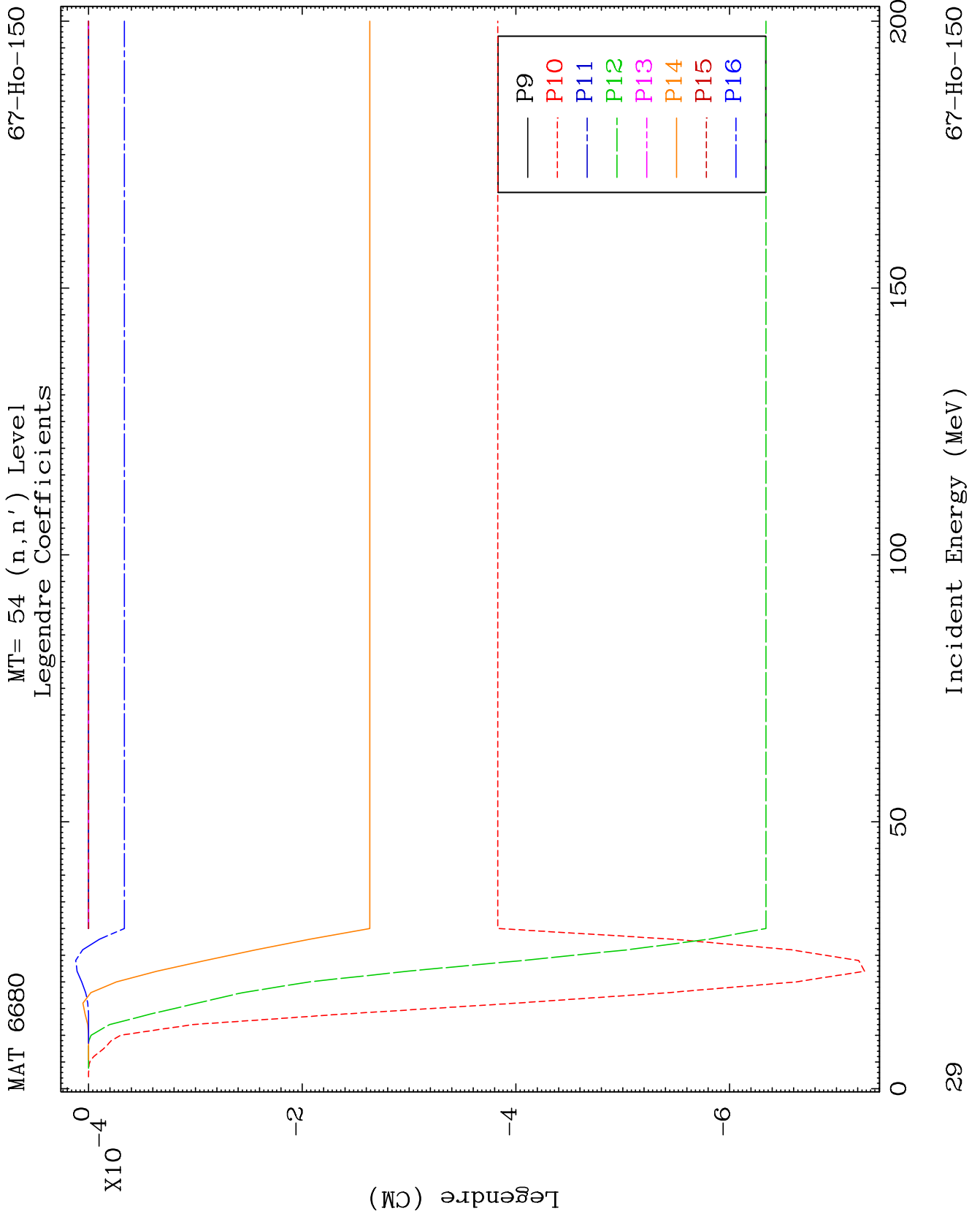
67-Ho-150













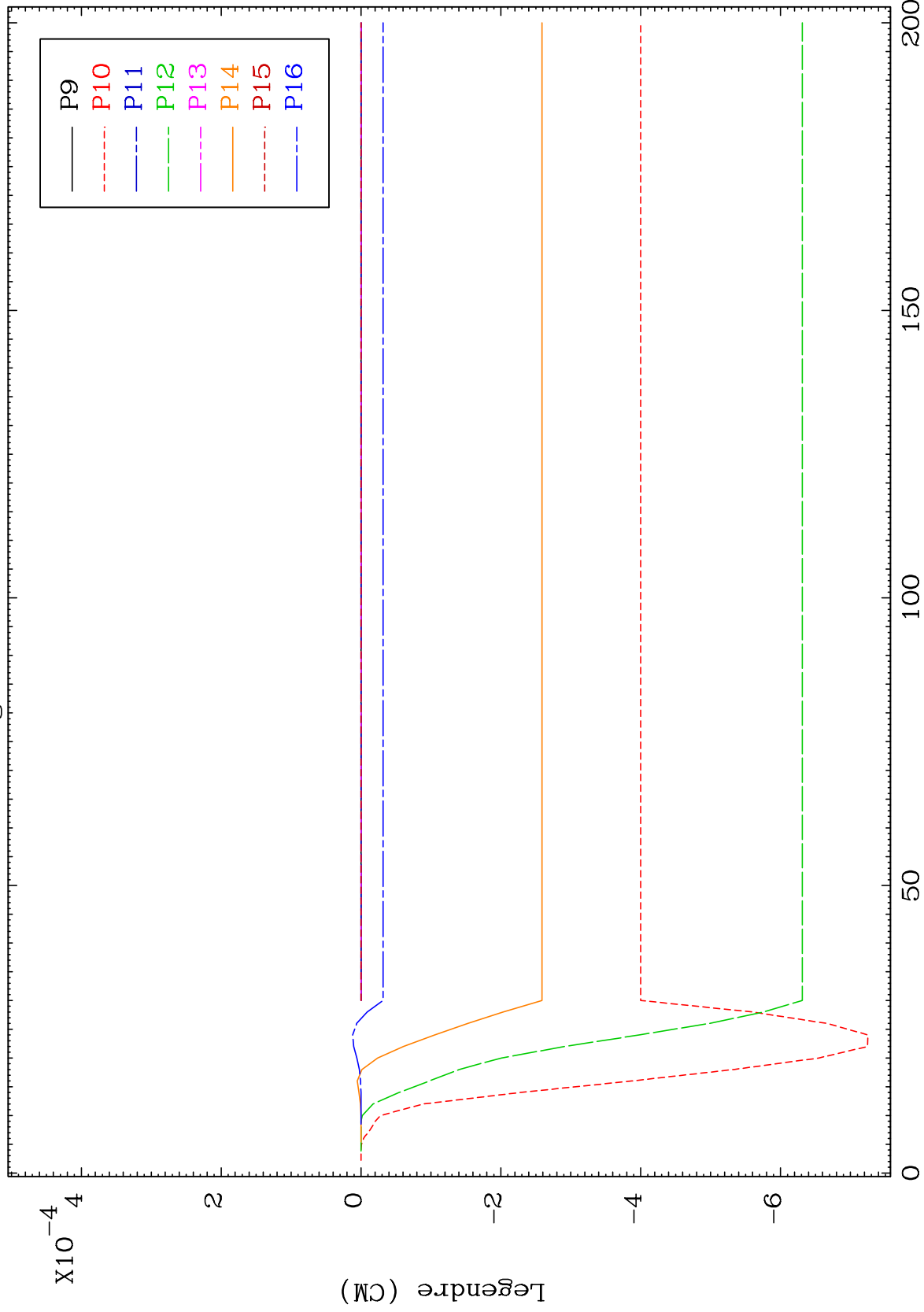




MAT 6680

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

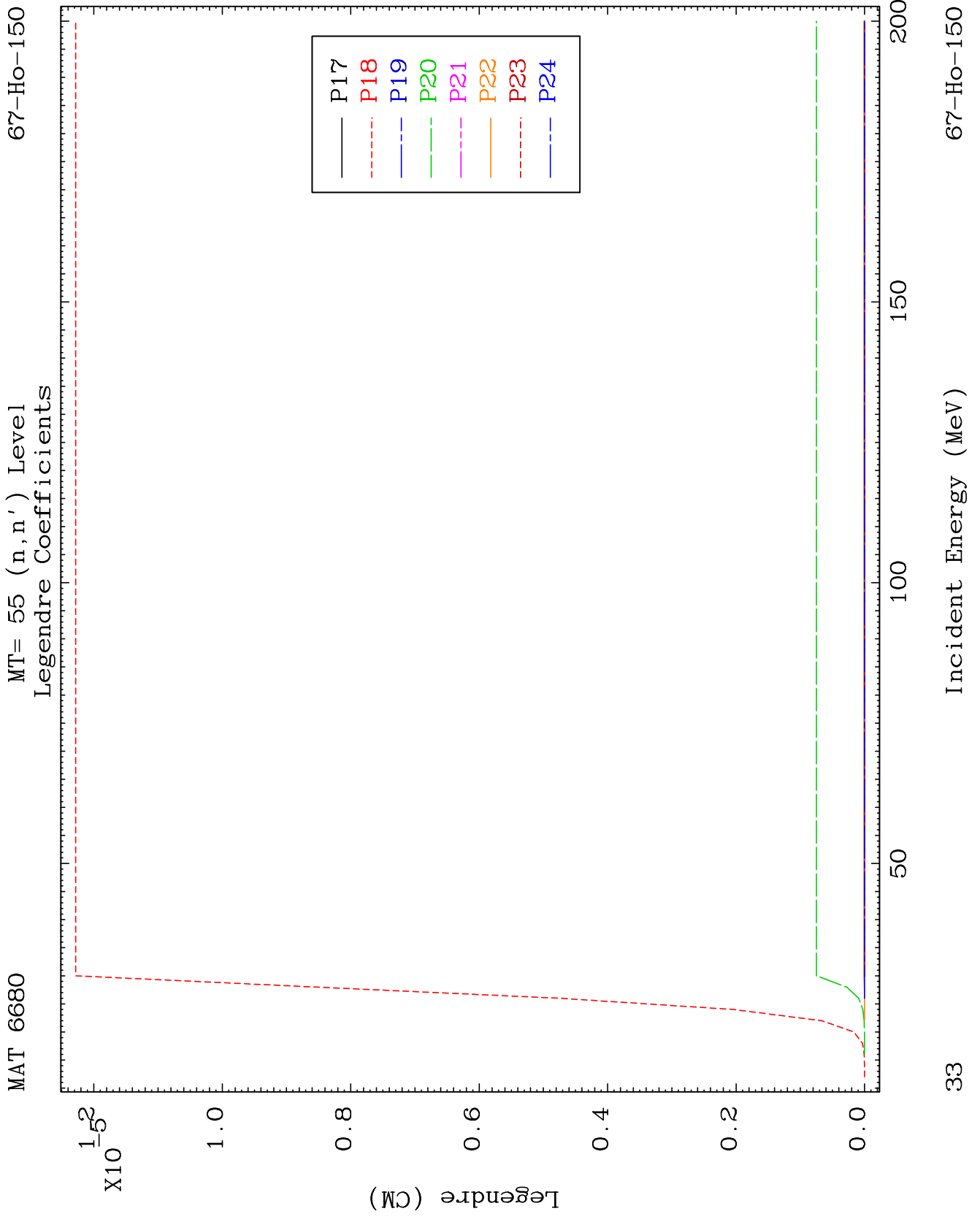
67-Ho-150



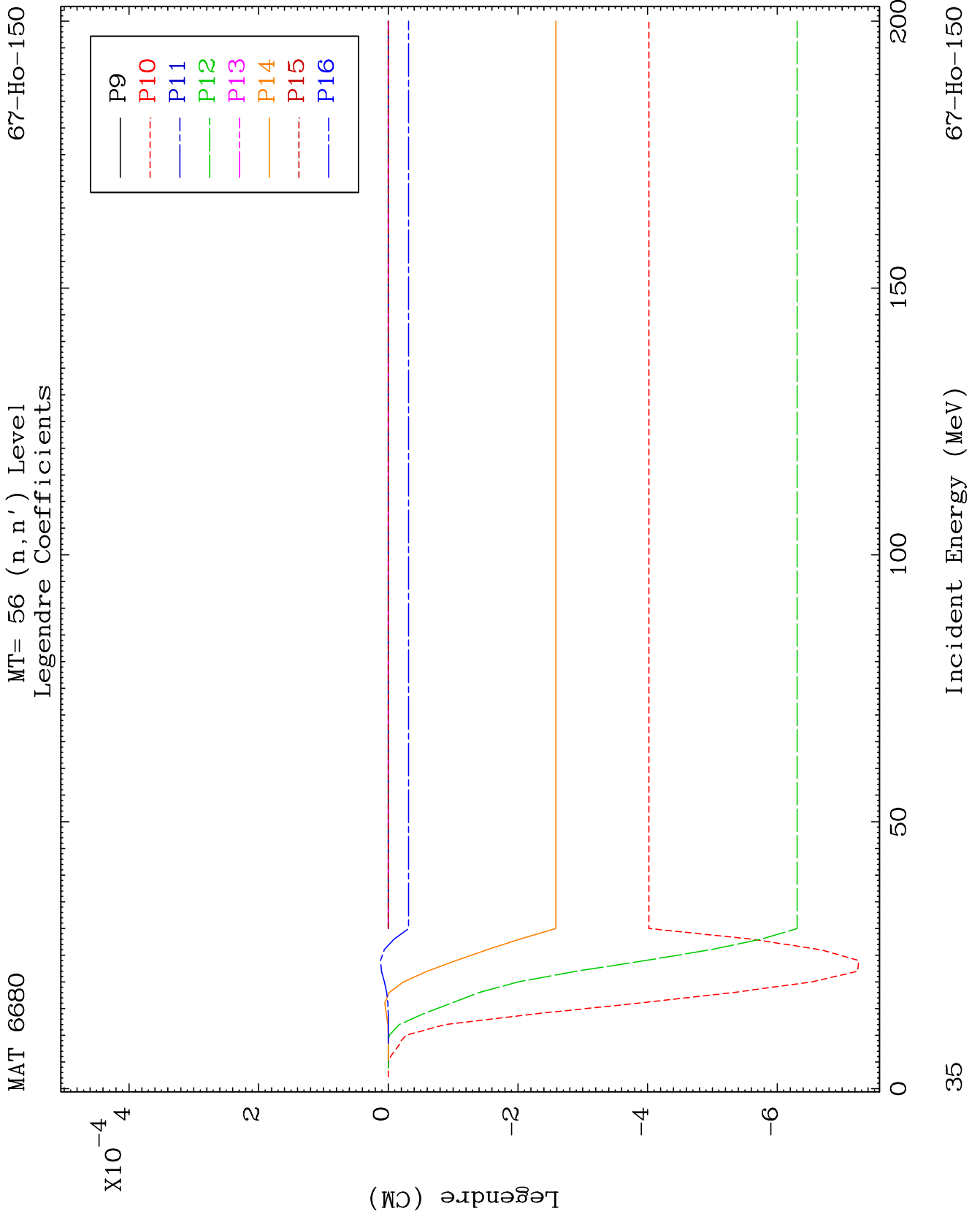
32

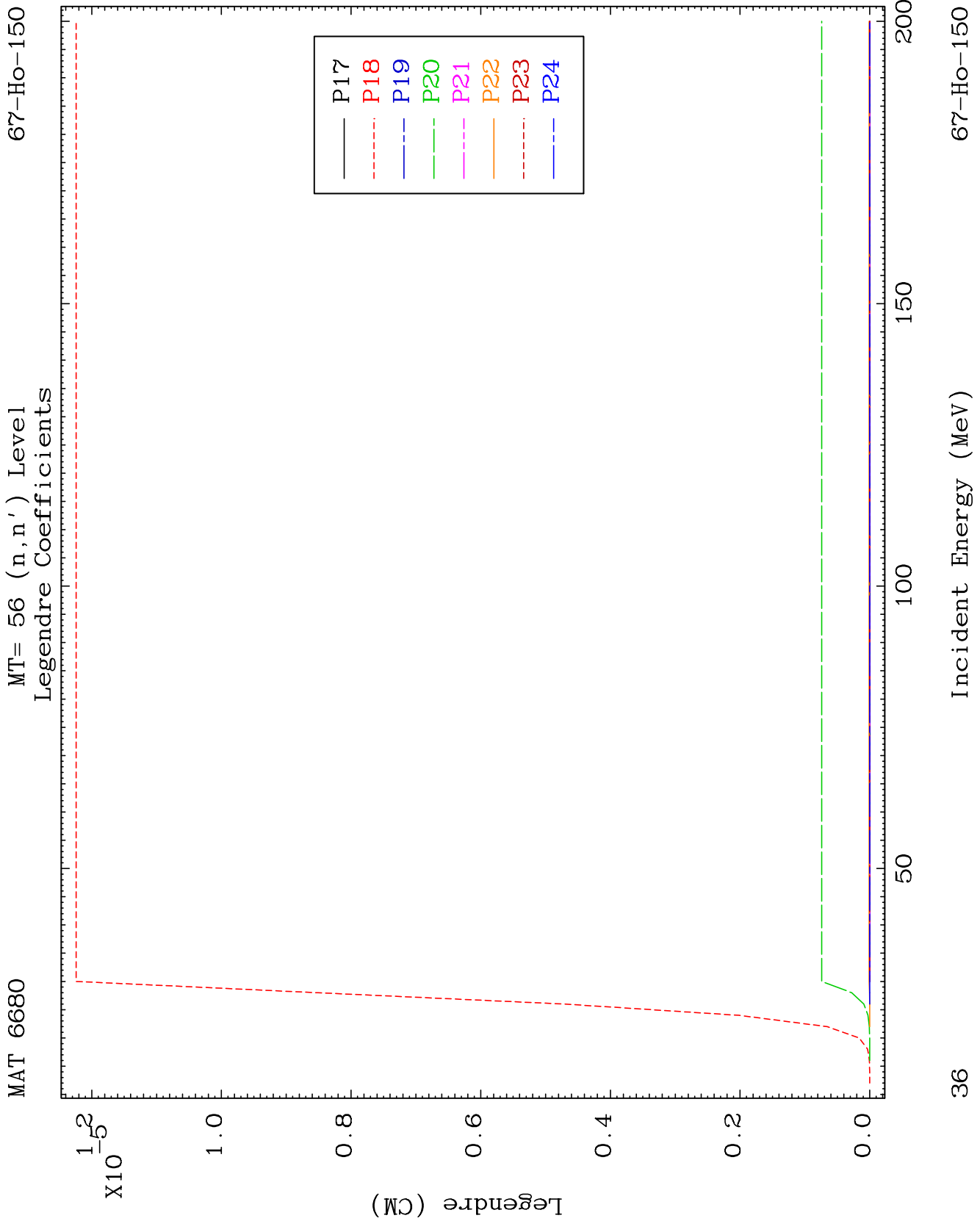
Incident Energy (MeV)

67-Ho-150





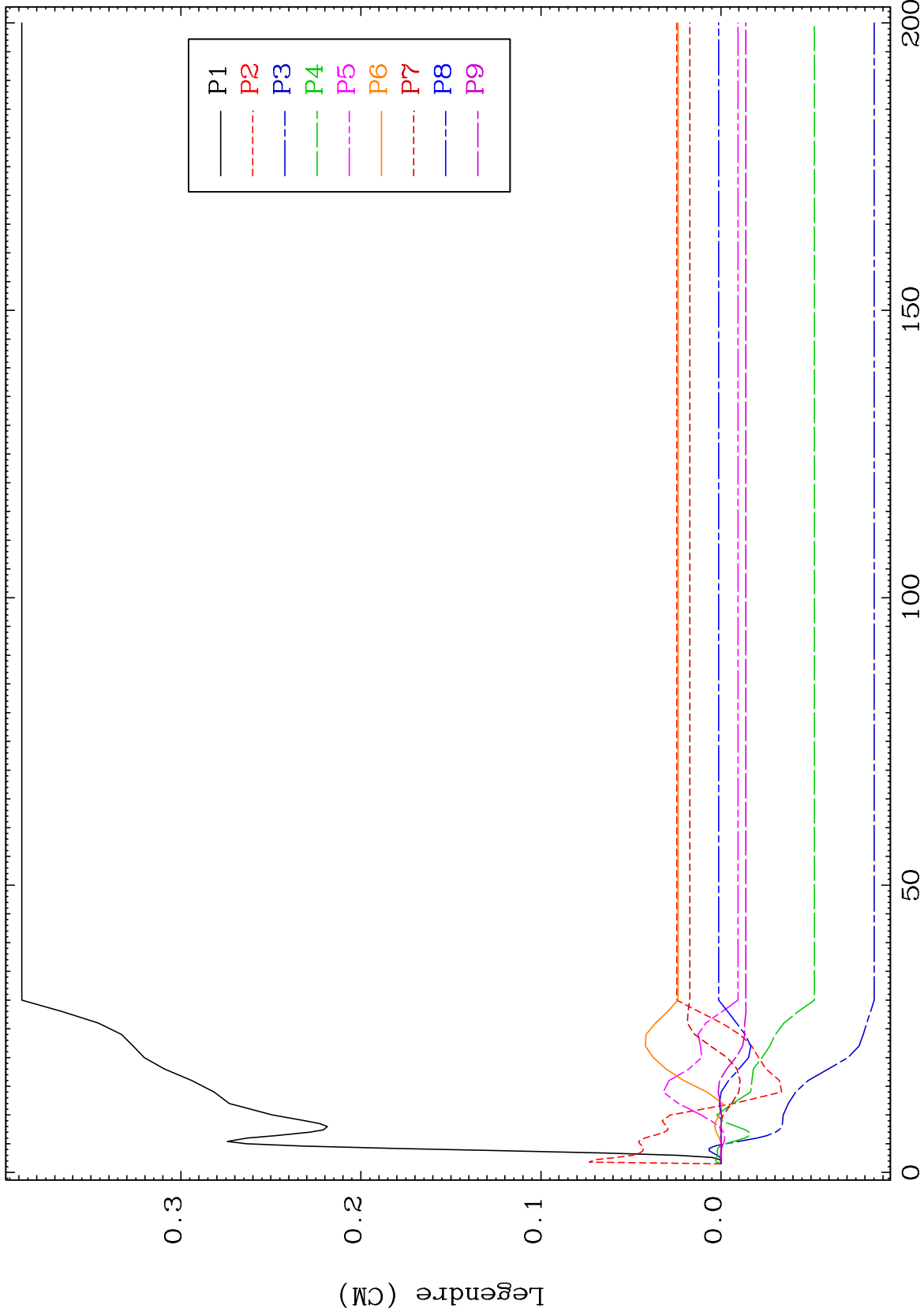




MAT 6680

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

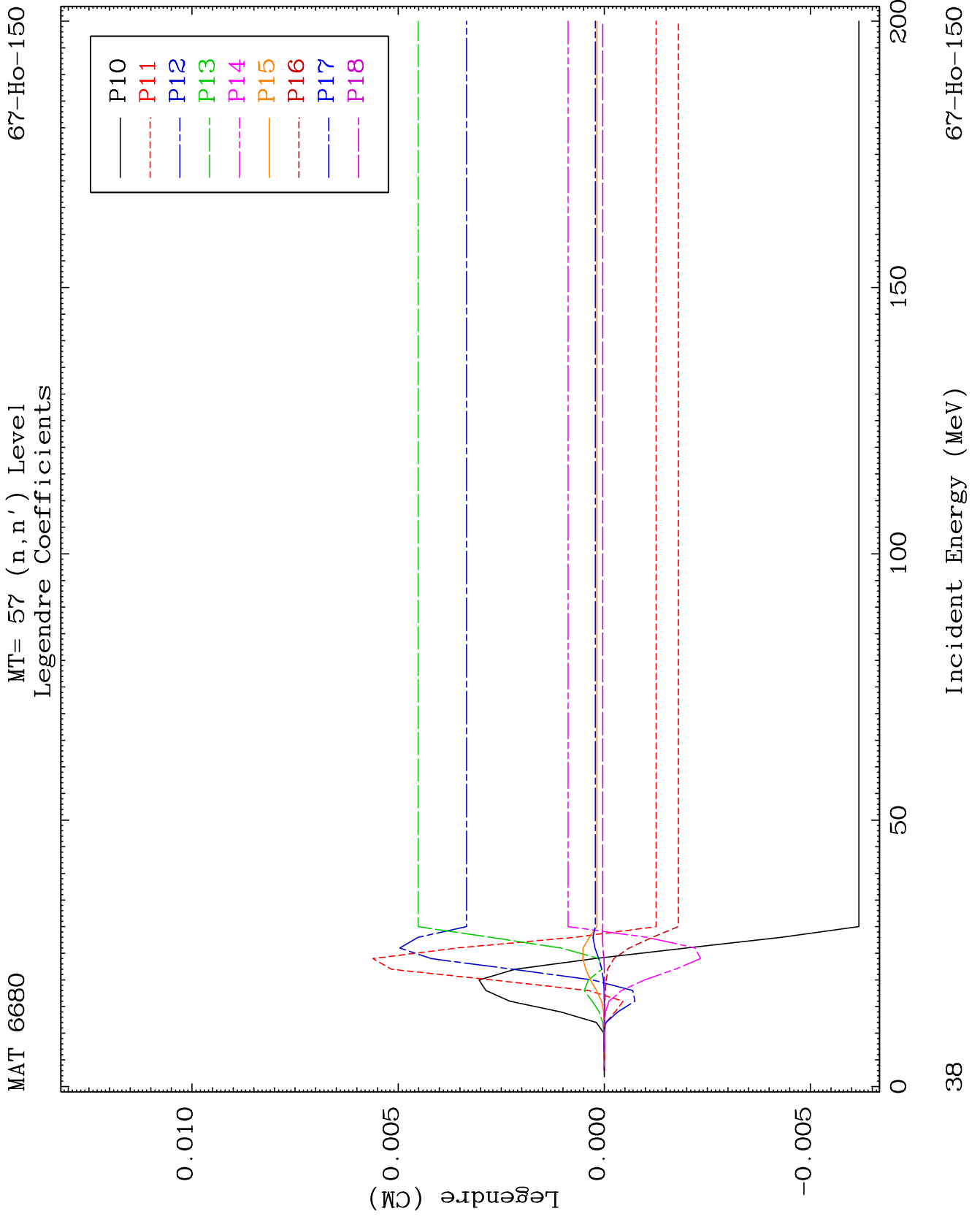
67-Ho-150



37

Incident Energy (MeV)

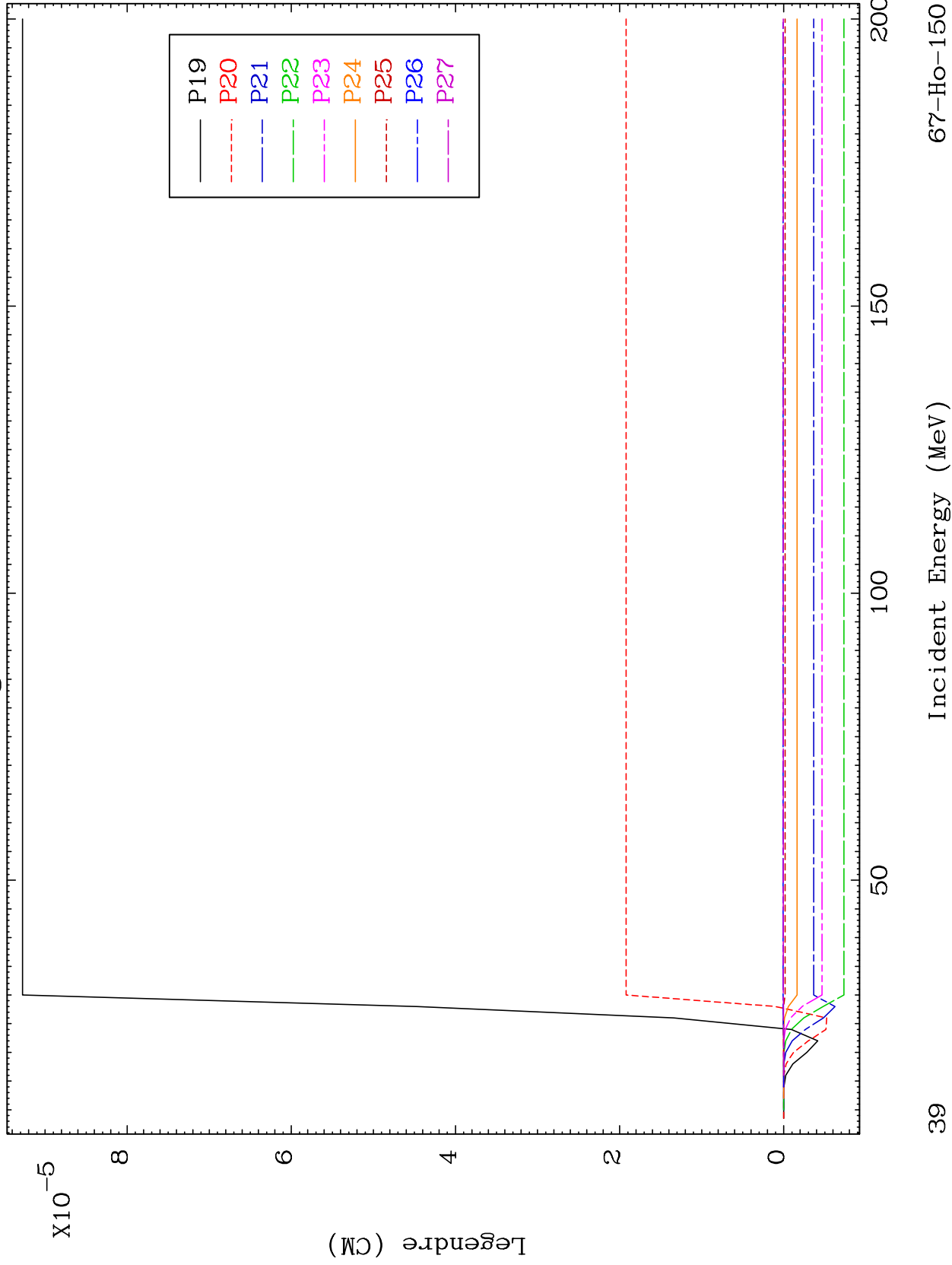
67-Ho-150



MAT 6680

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

67-Ho-150

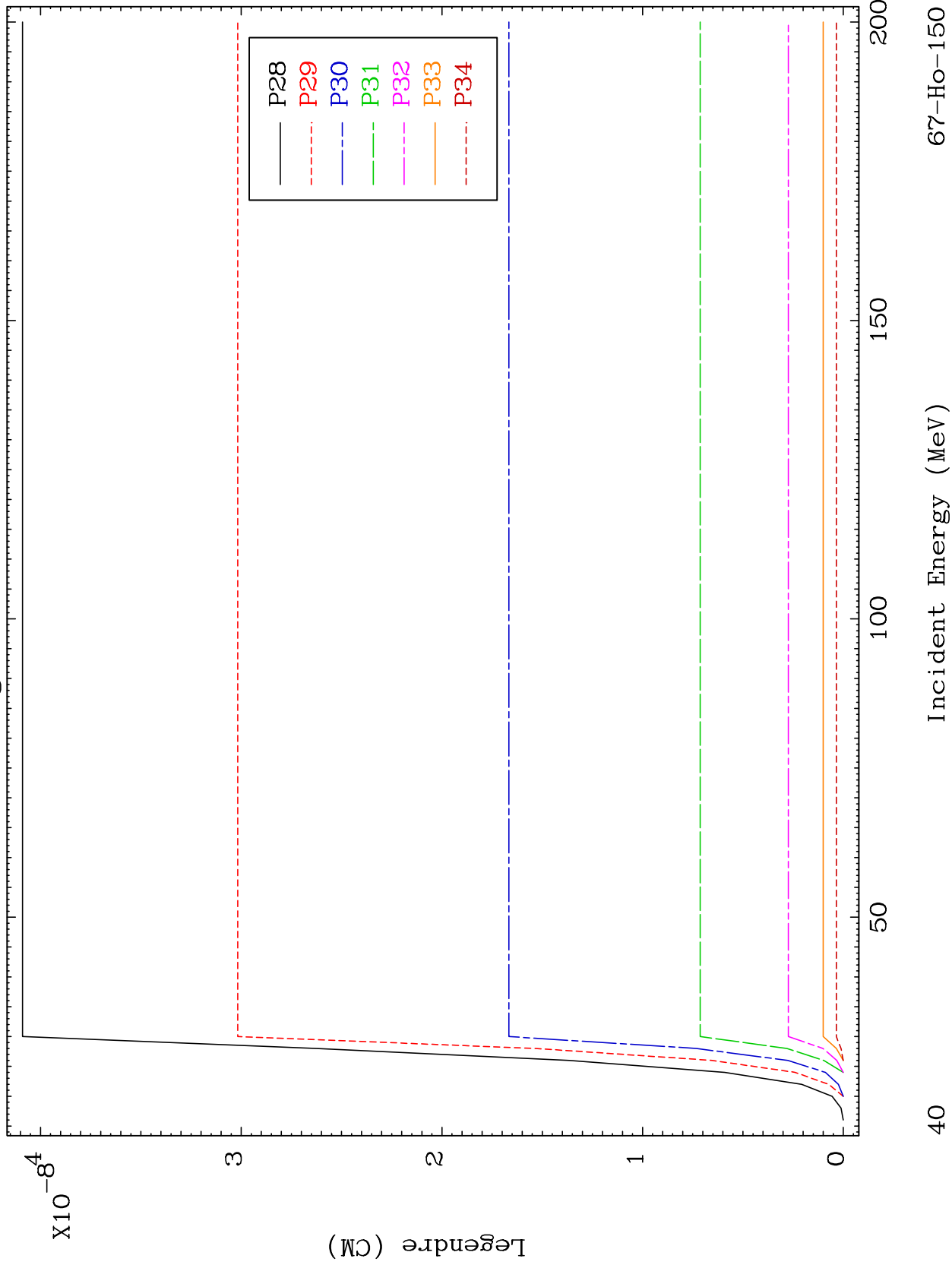


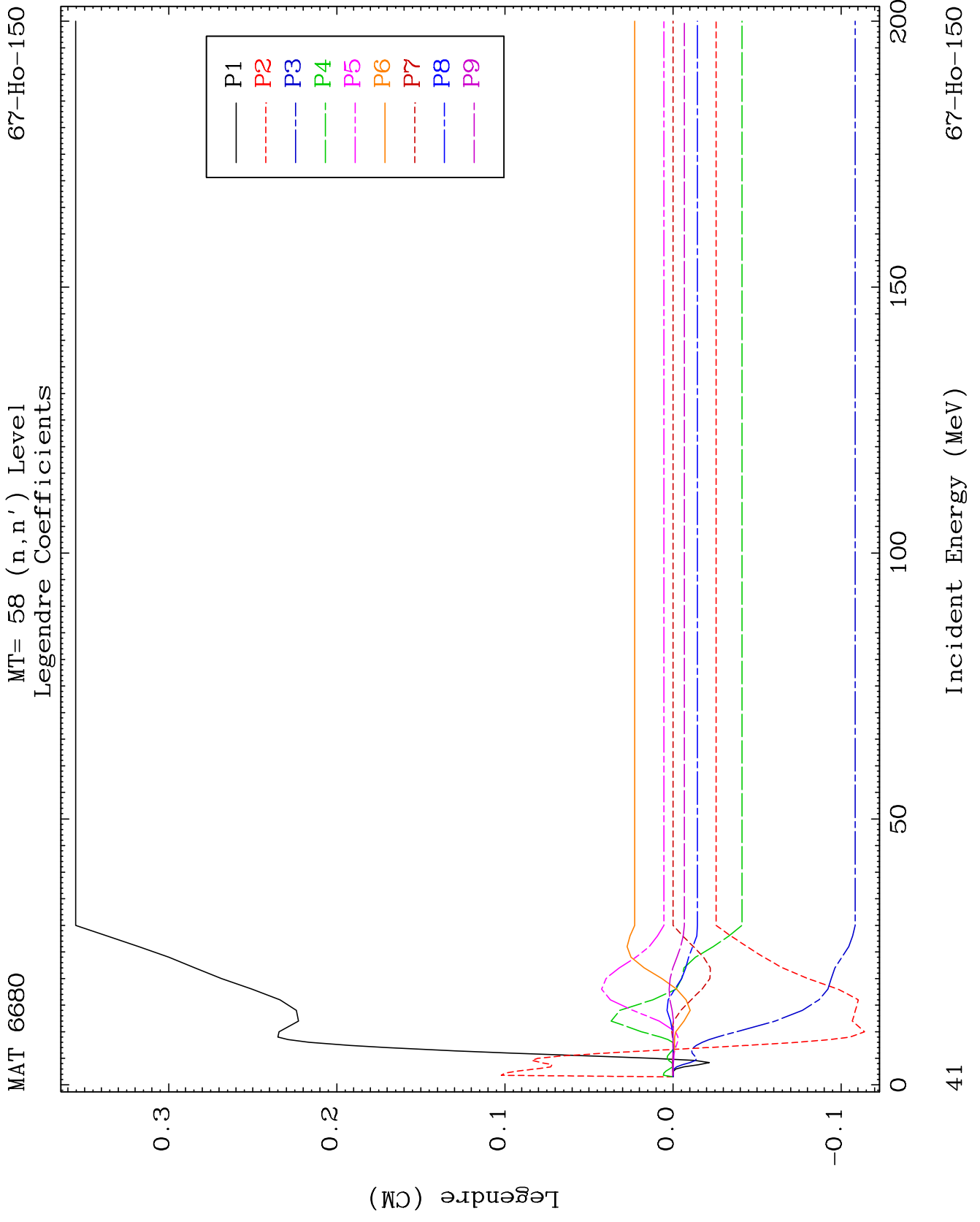


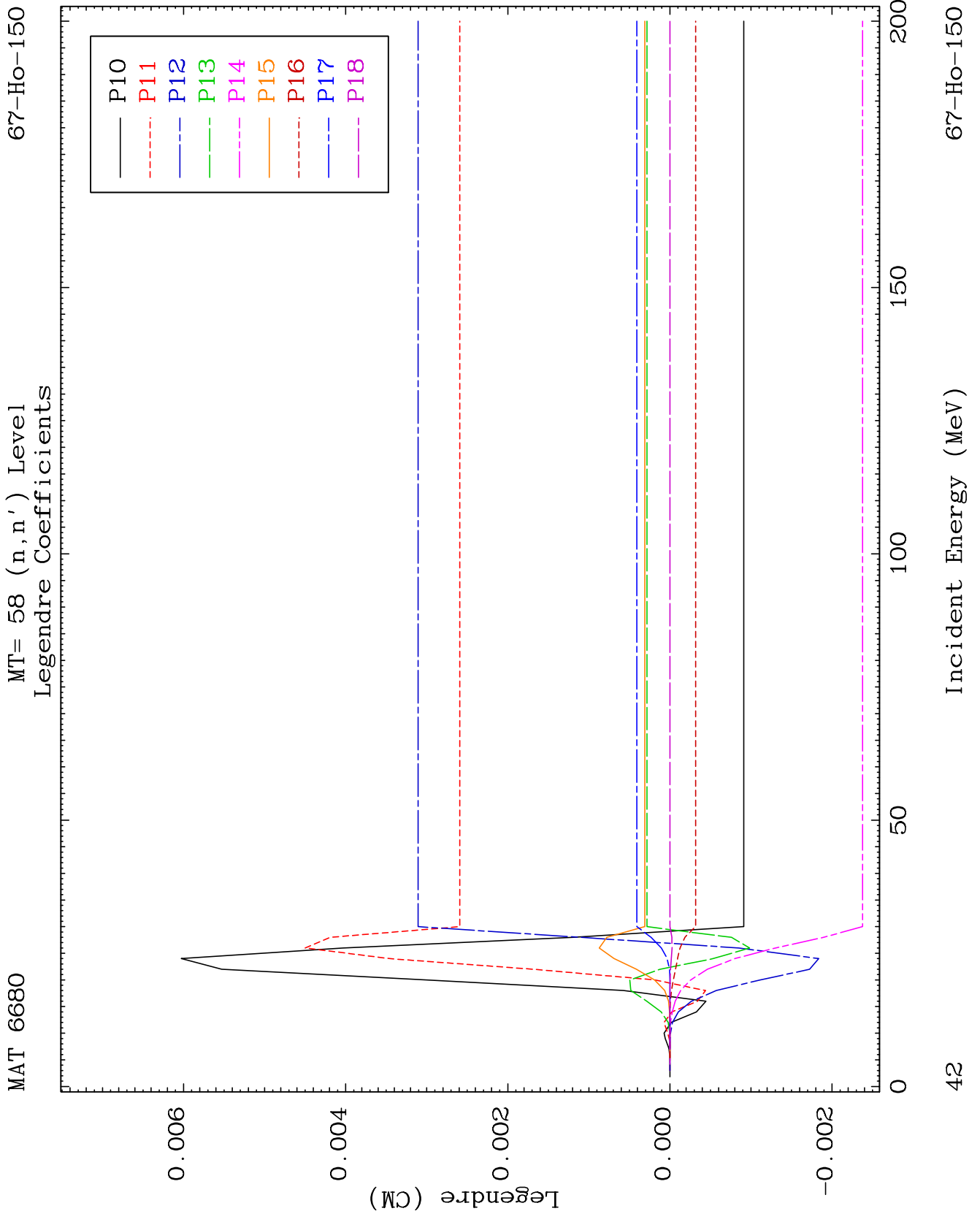
MAT 6680

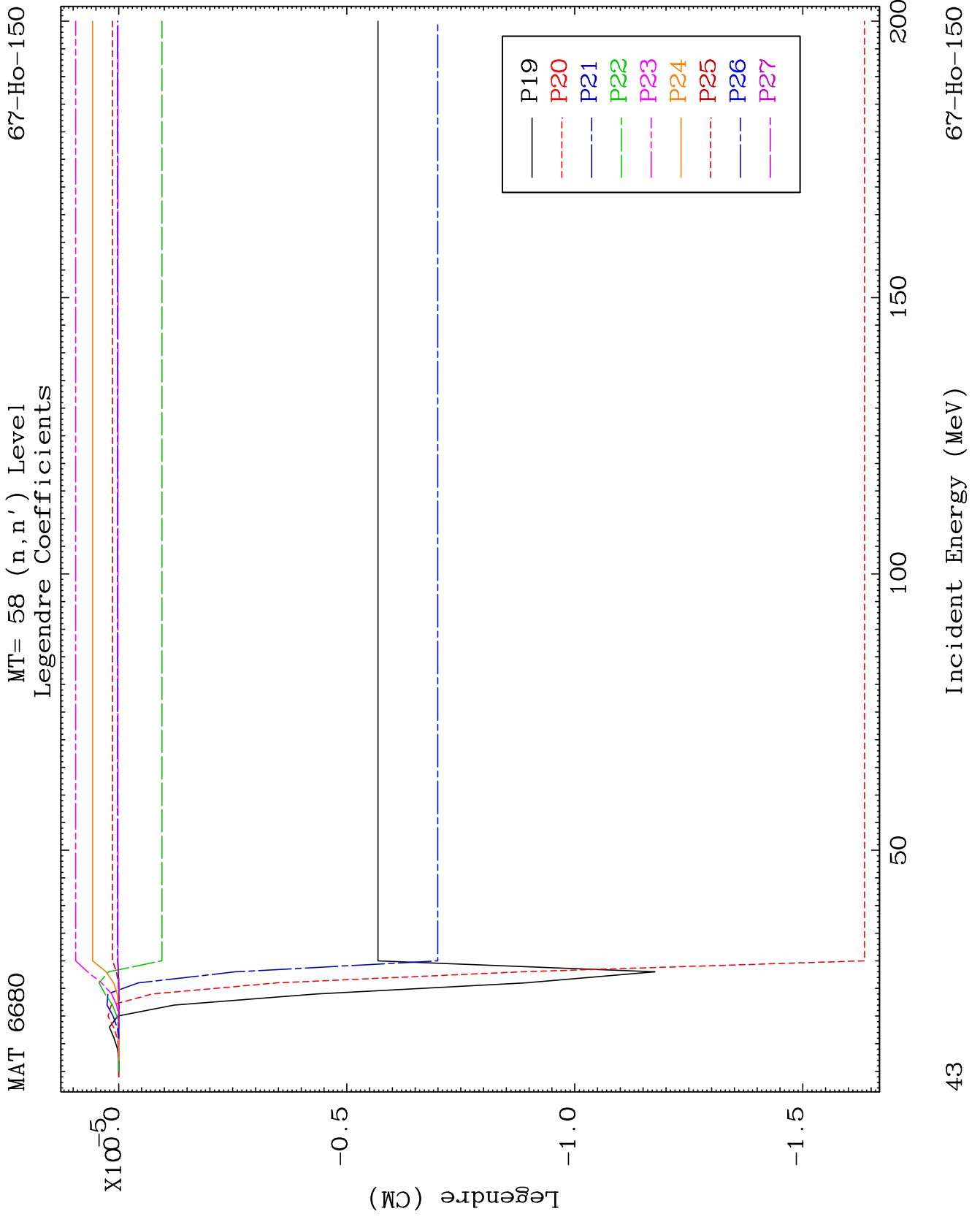
MT= 57 (n,n') Level  
Legendre Coefficients

67-Ho-150





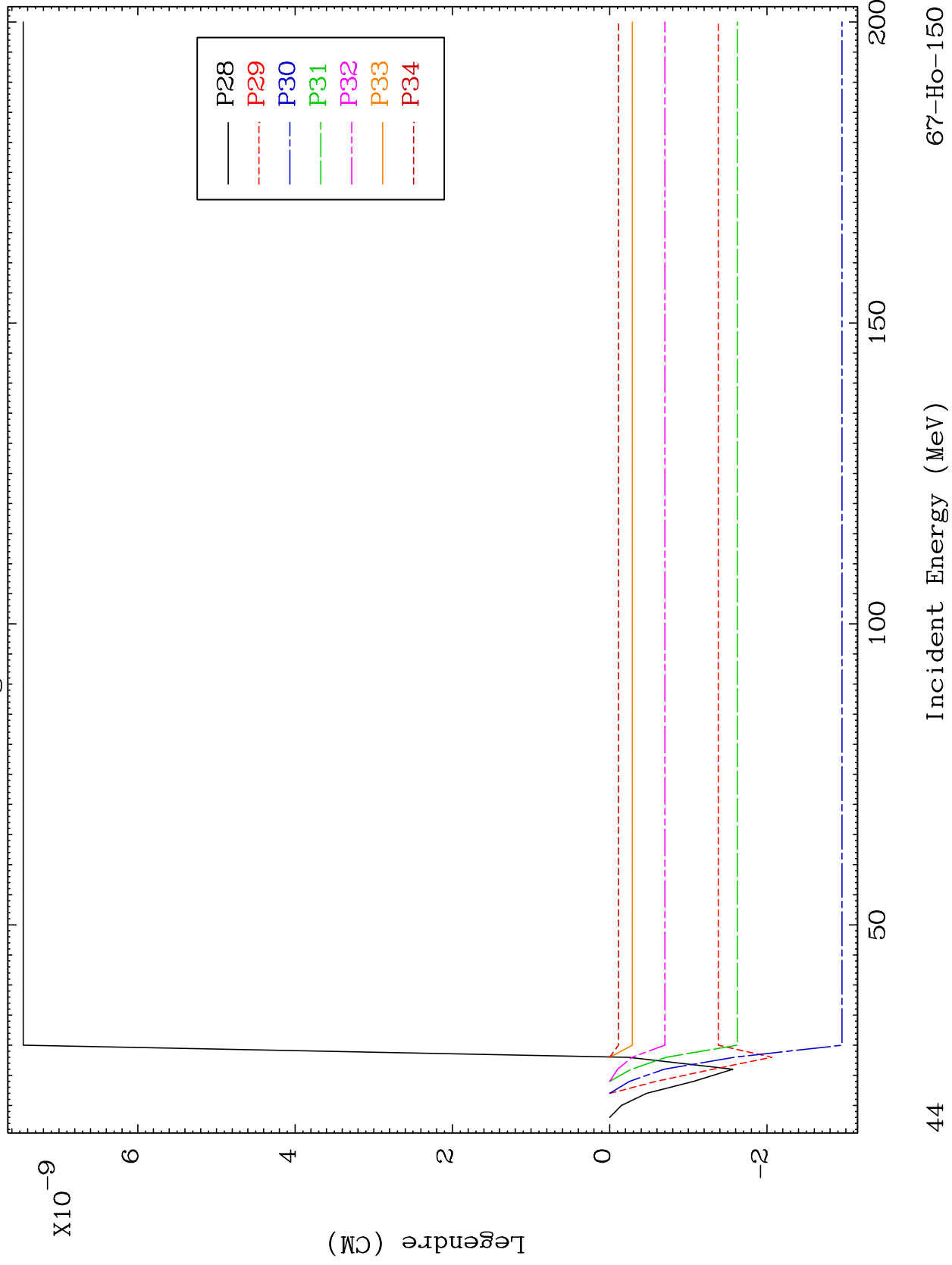




MAT 6680

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

67-Ho-150



44

Incident Energy (MeV)

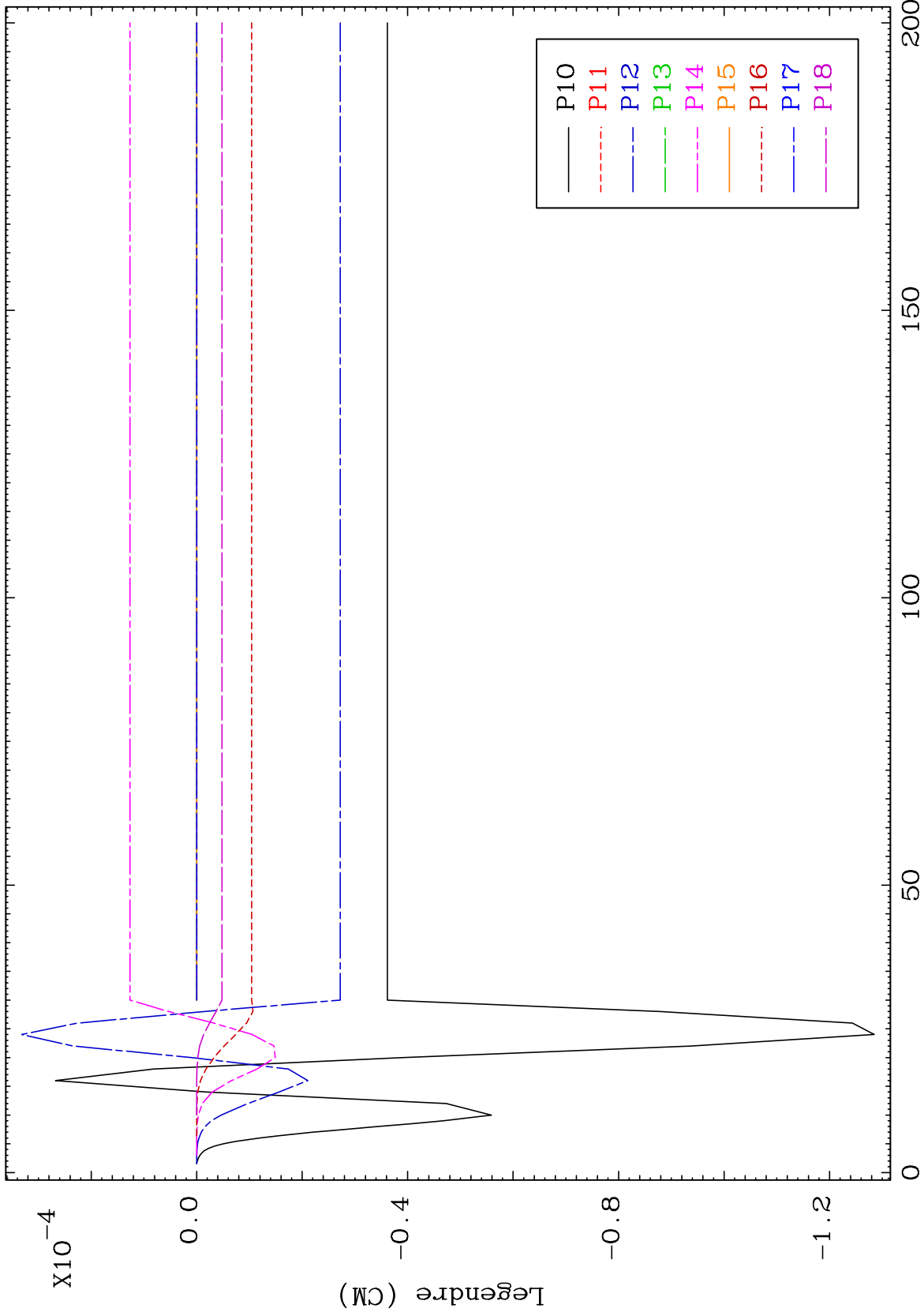
67-Ho-150



MAT 6680

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

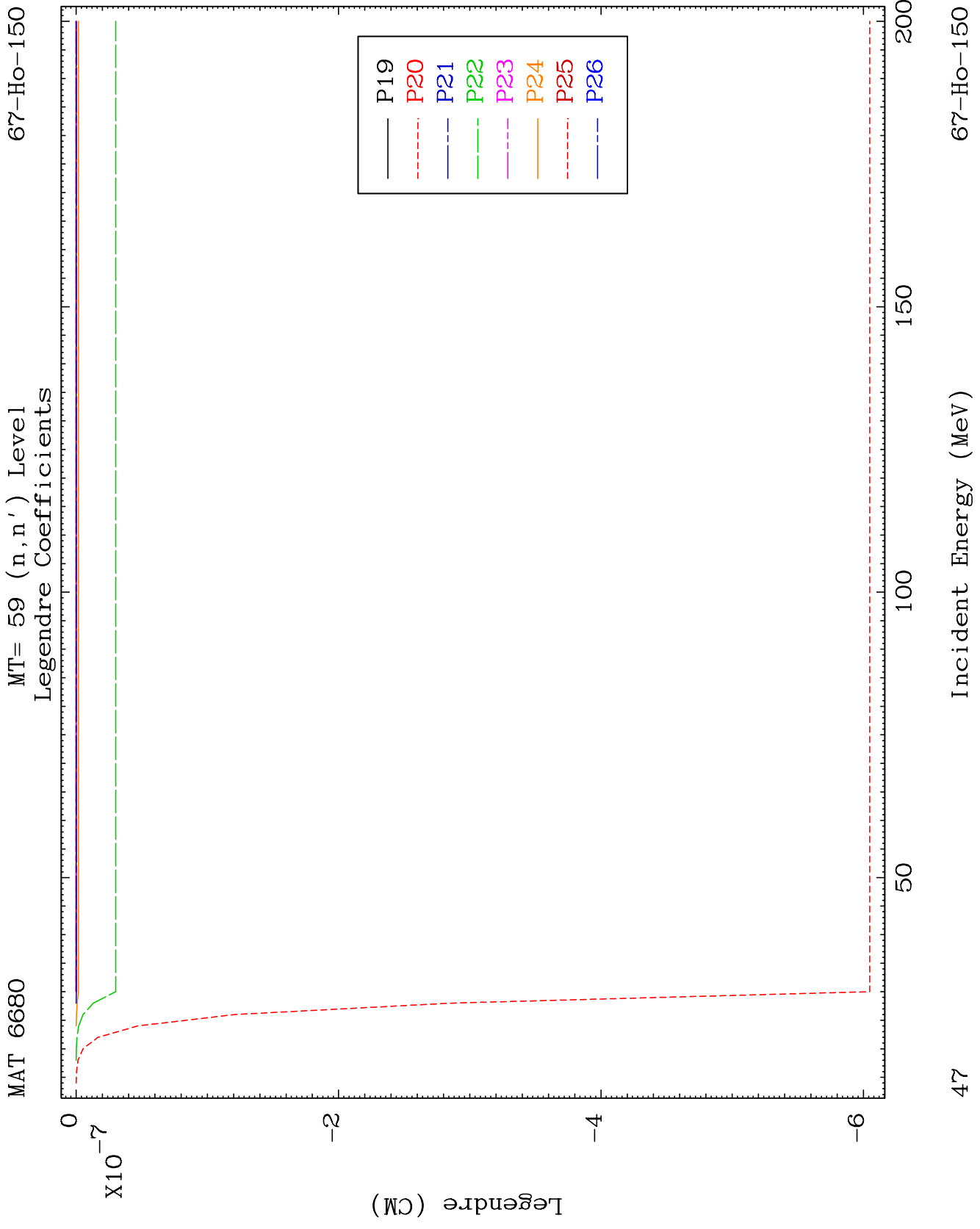
67-Ho-150



46

67-Ho-150

67-Ho-150



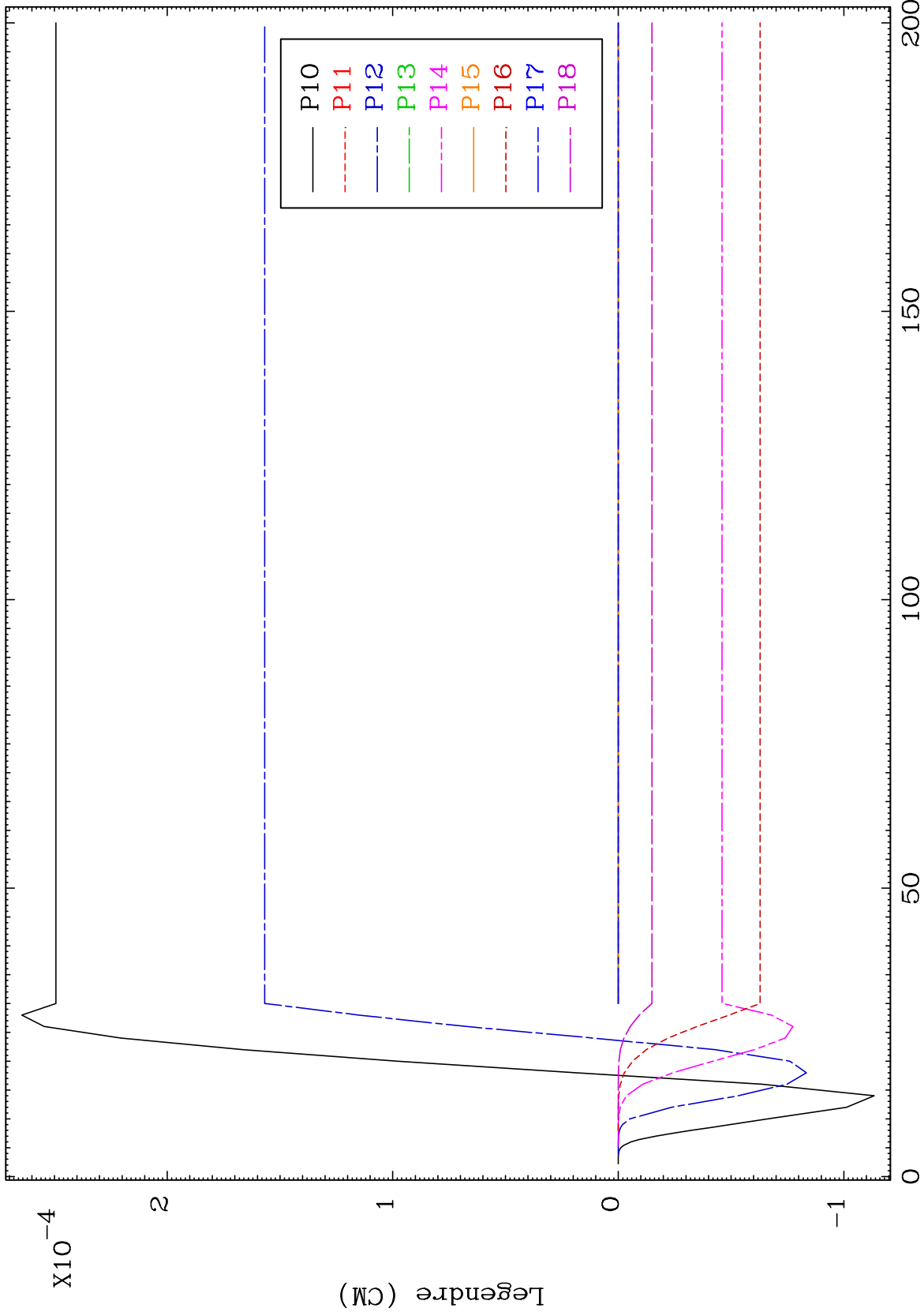




MAT 6680

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

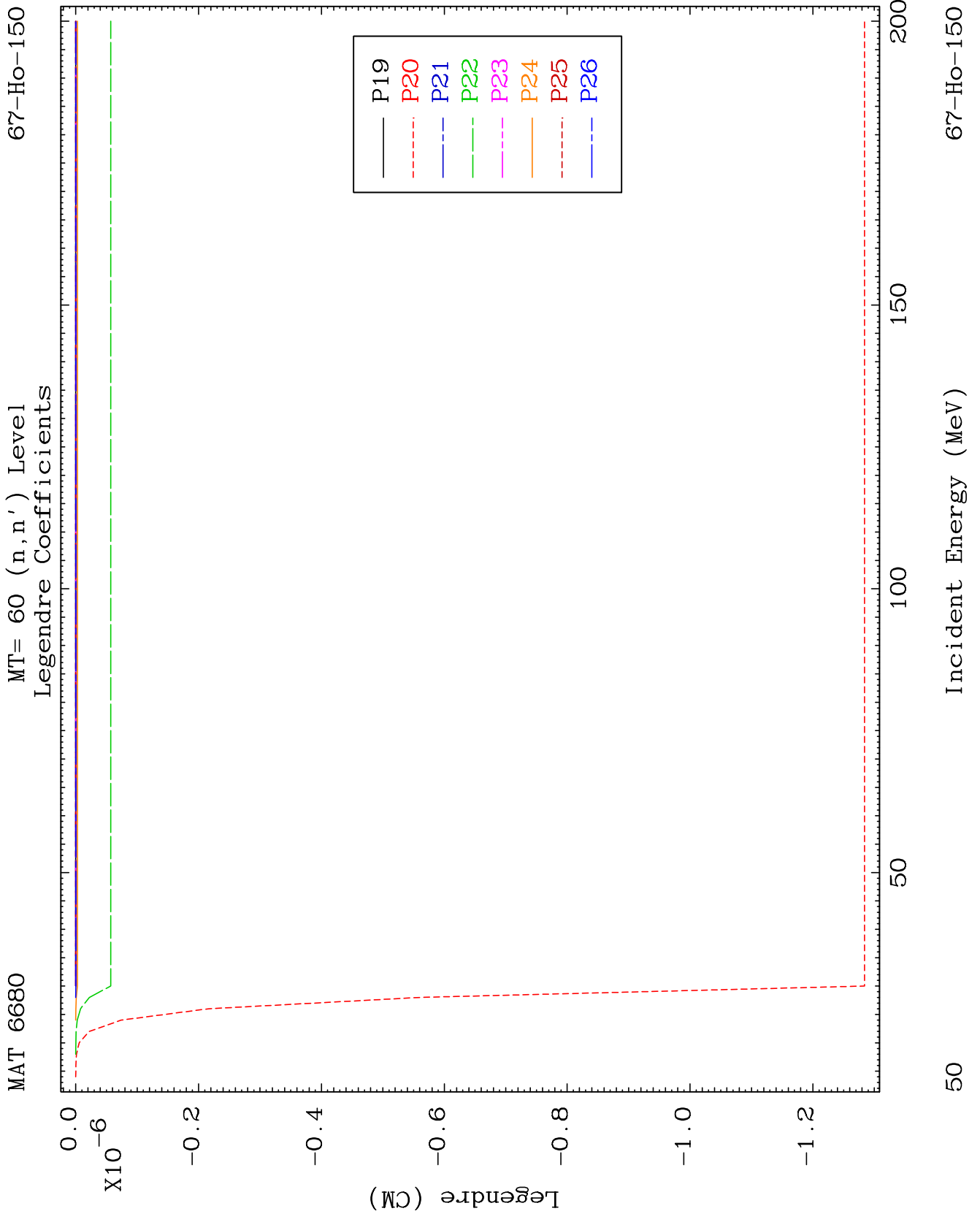
67-Ho-150



49

Incident Energy (MeV)

67-Ho-150

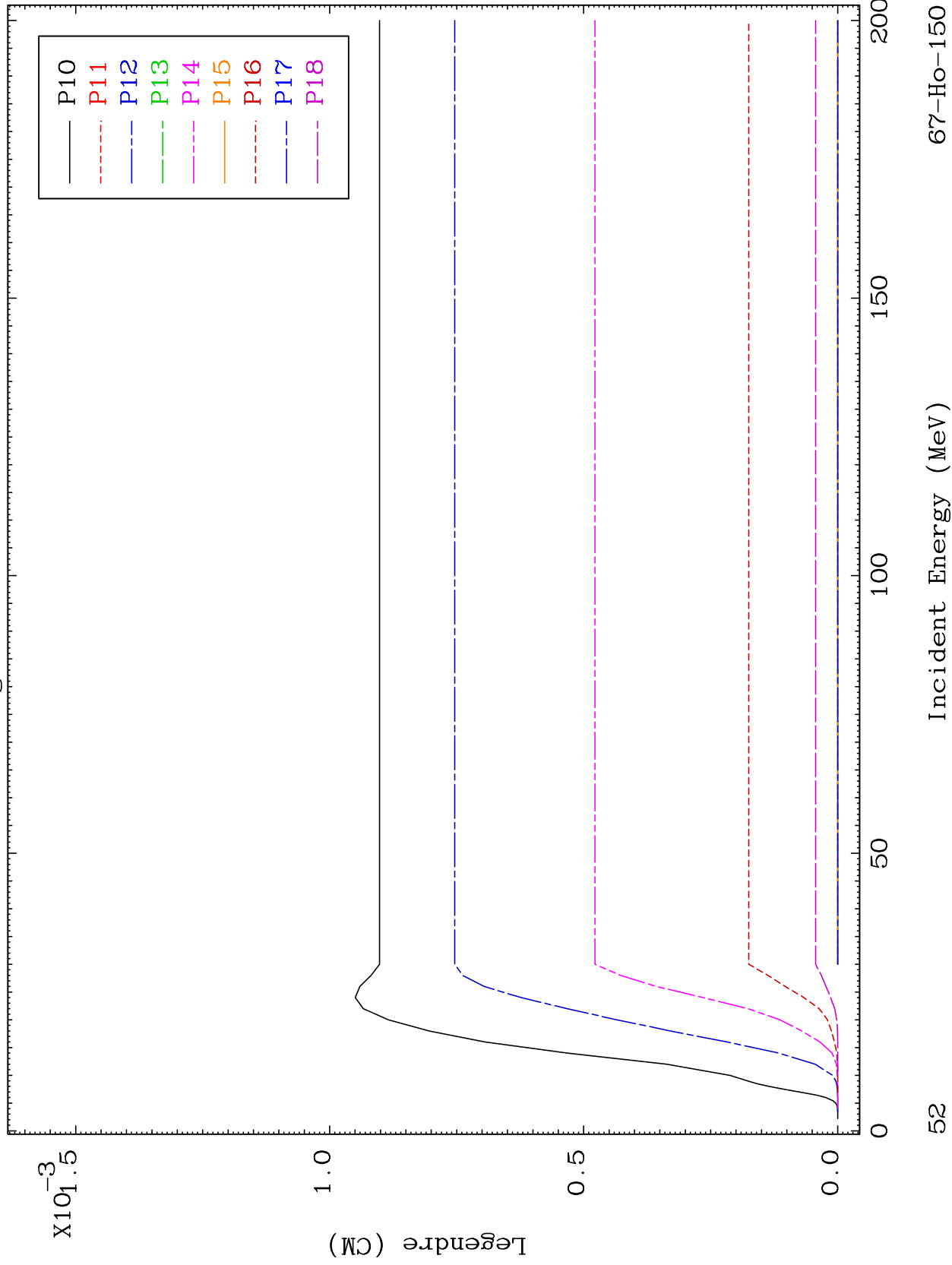




MAT 6680

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

67-Ho-150



67-Ho-150

Incident Energy (MeV)

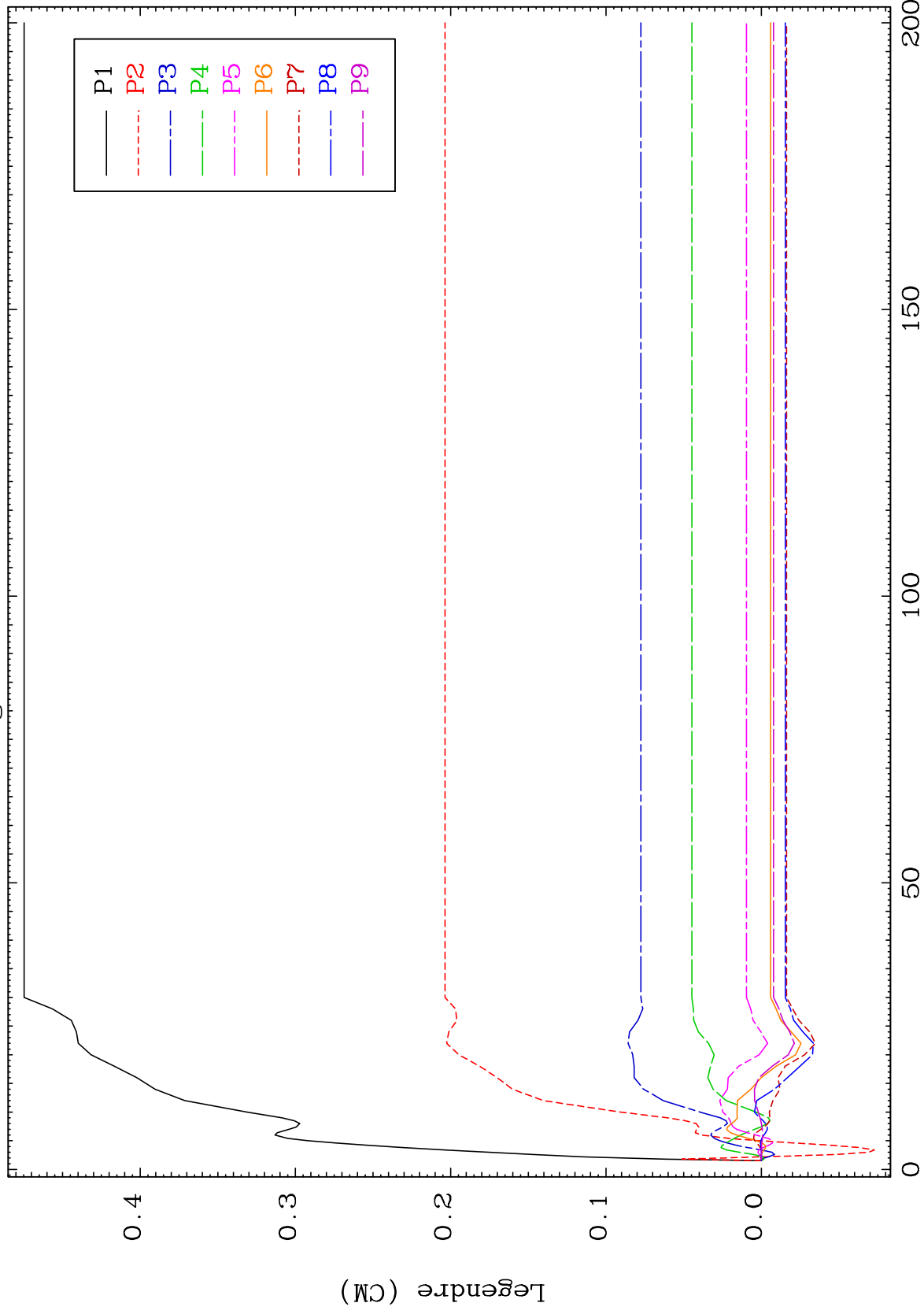
52



MAT 6680

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

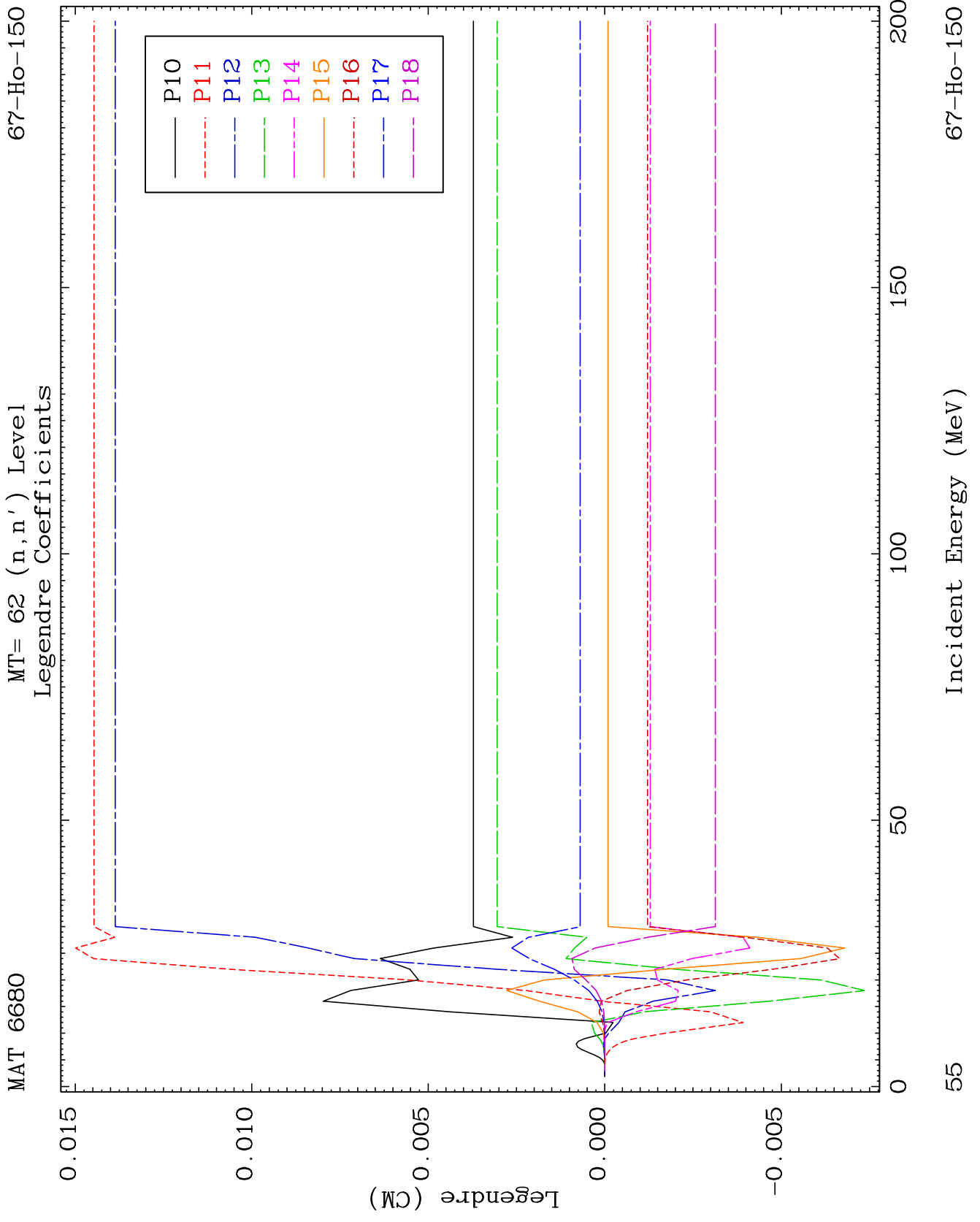
67-Ho-150



54

Incident Energy (MeV)

67-Ho-150

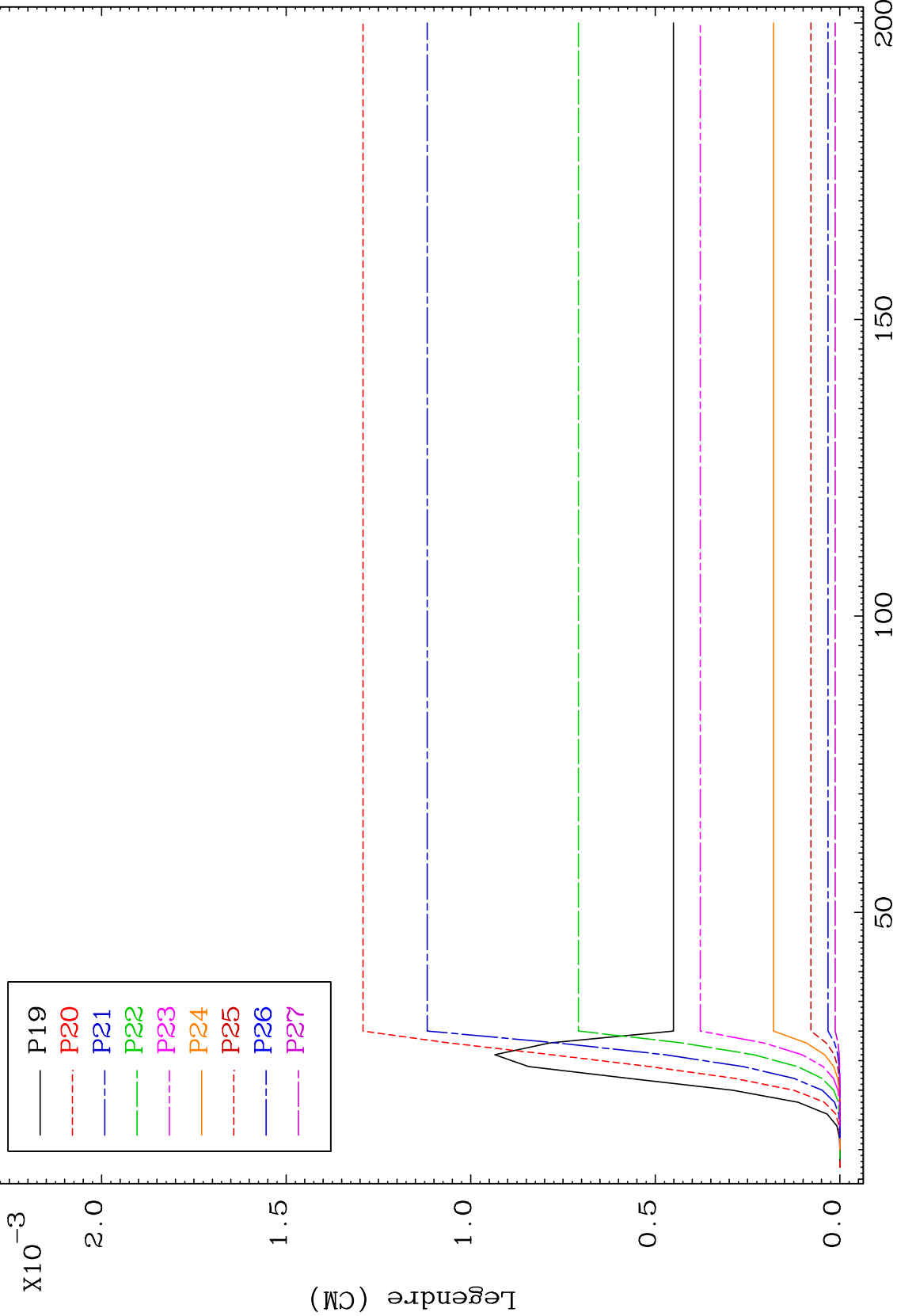
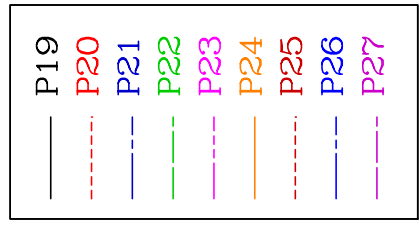




MAT 6680

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

67-Ho-150



56

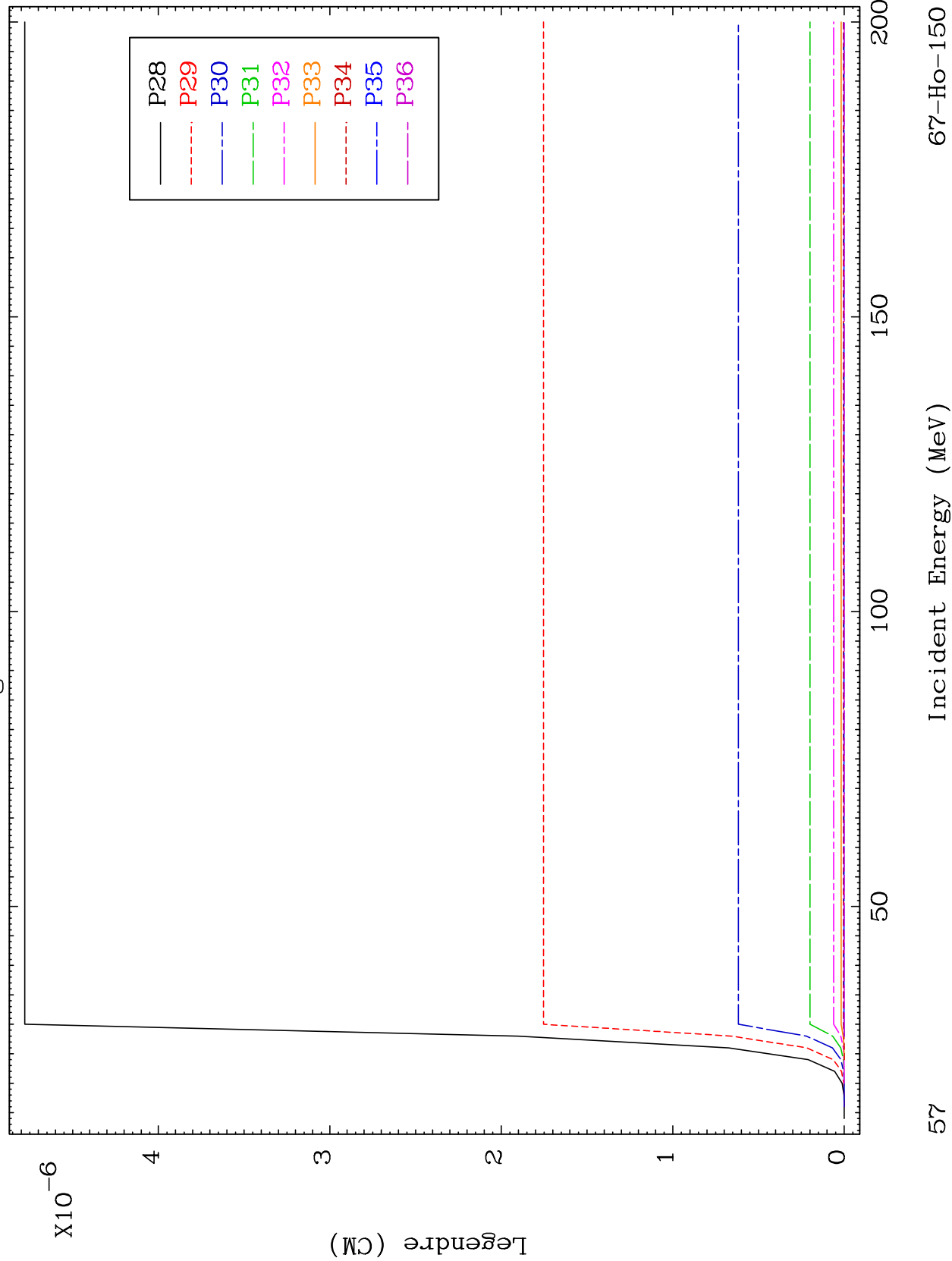
Incident Energy (MeV)

67-Ho-150

MAT 6680

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

67-Ho-150



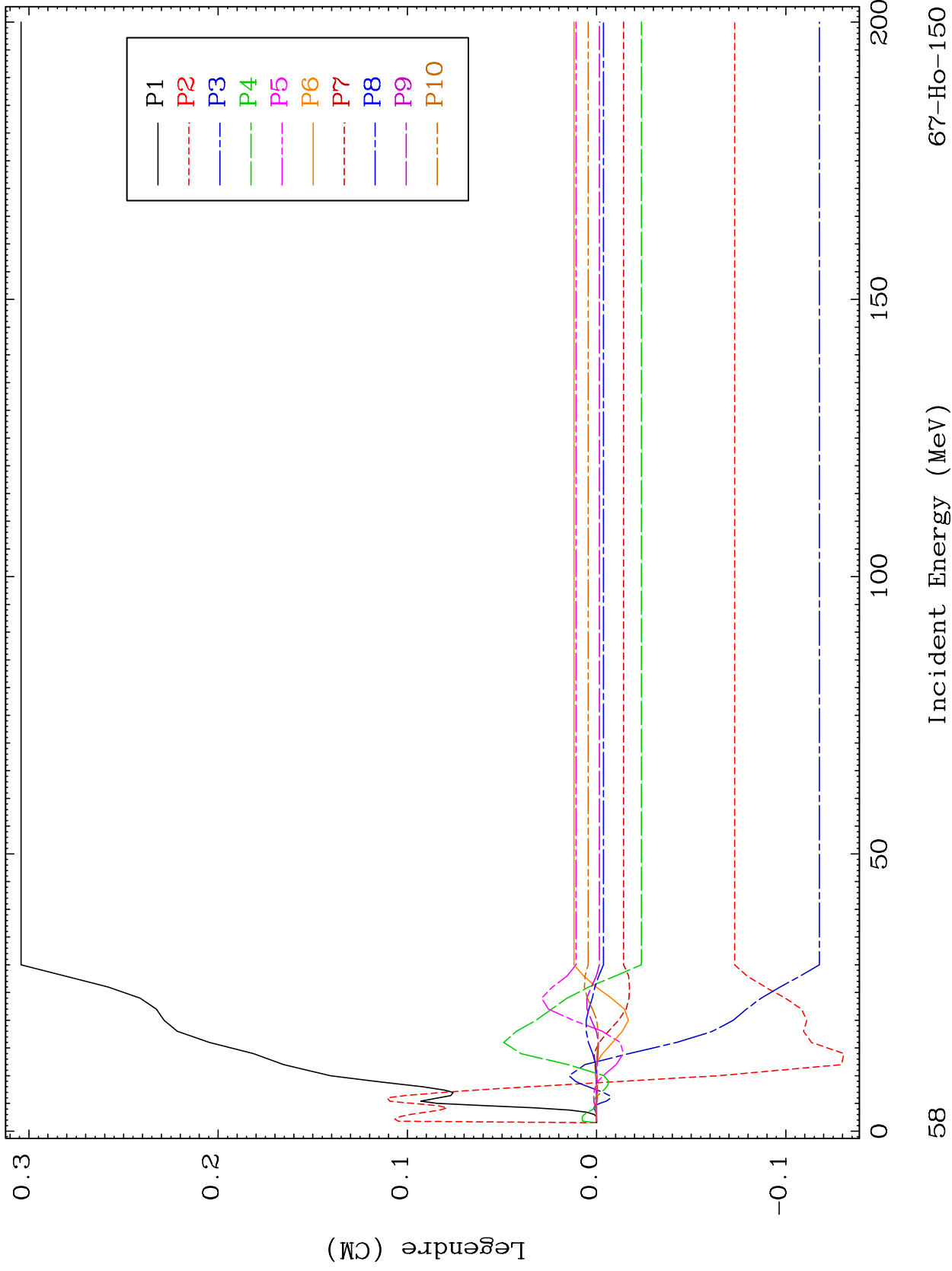
57

67-Ho-150

MAT 6680

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

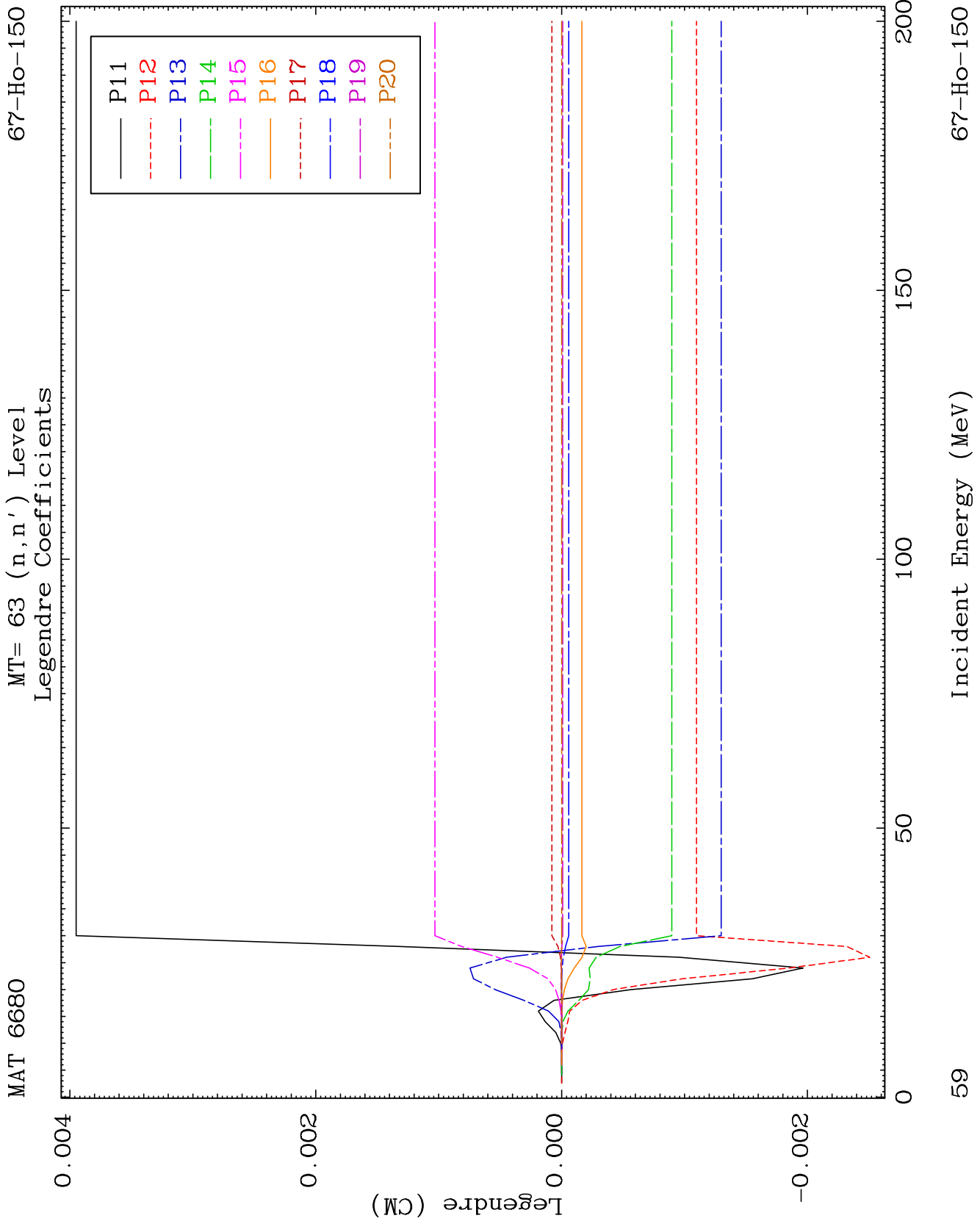
67-Ho-150



67-Ho-150

Incident Energy (MeV)

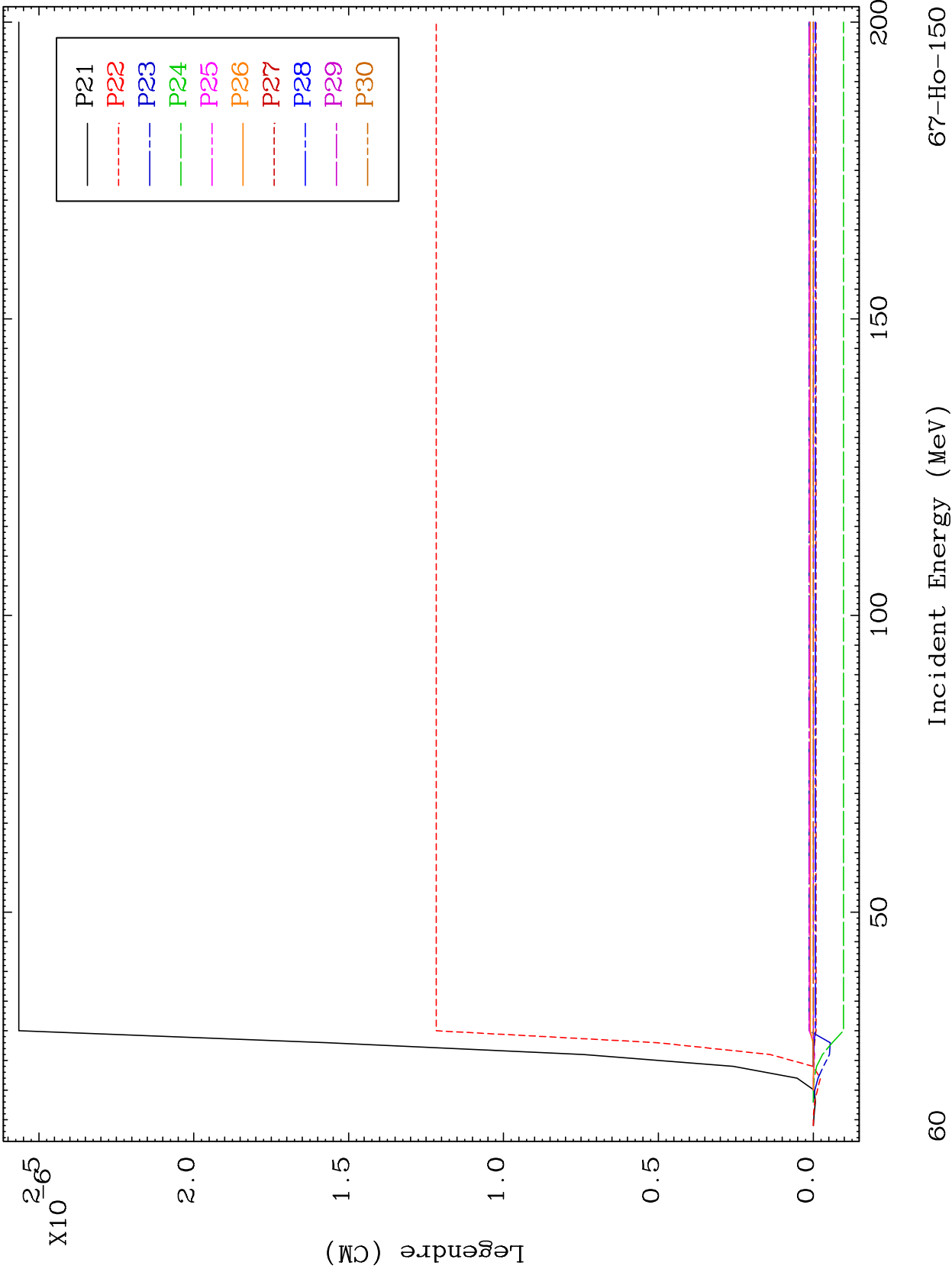
58



MAT 6680

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

67-Ho-150



67-Ho-150

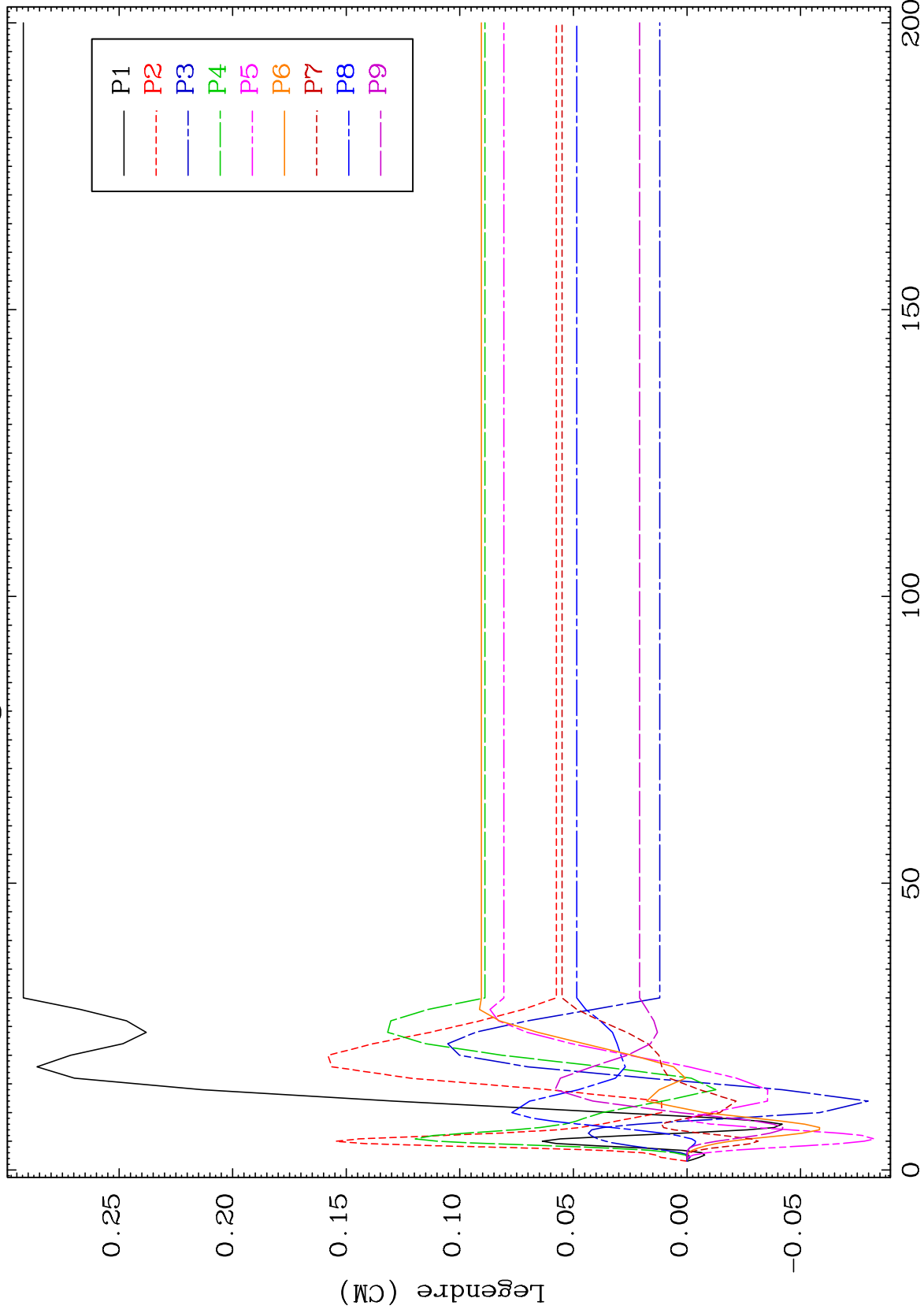
Incident Energy (MeV)

60

MAT 6680

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

67-Ho-150



61

Incident Energy (MeV)

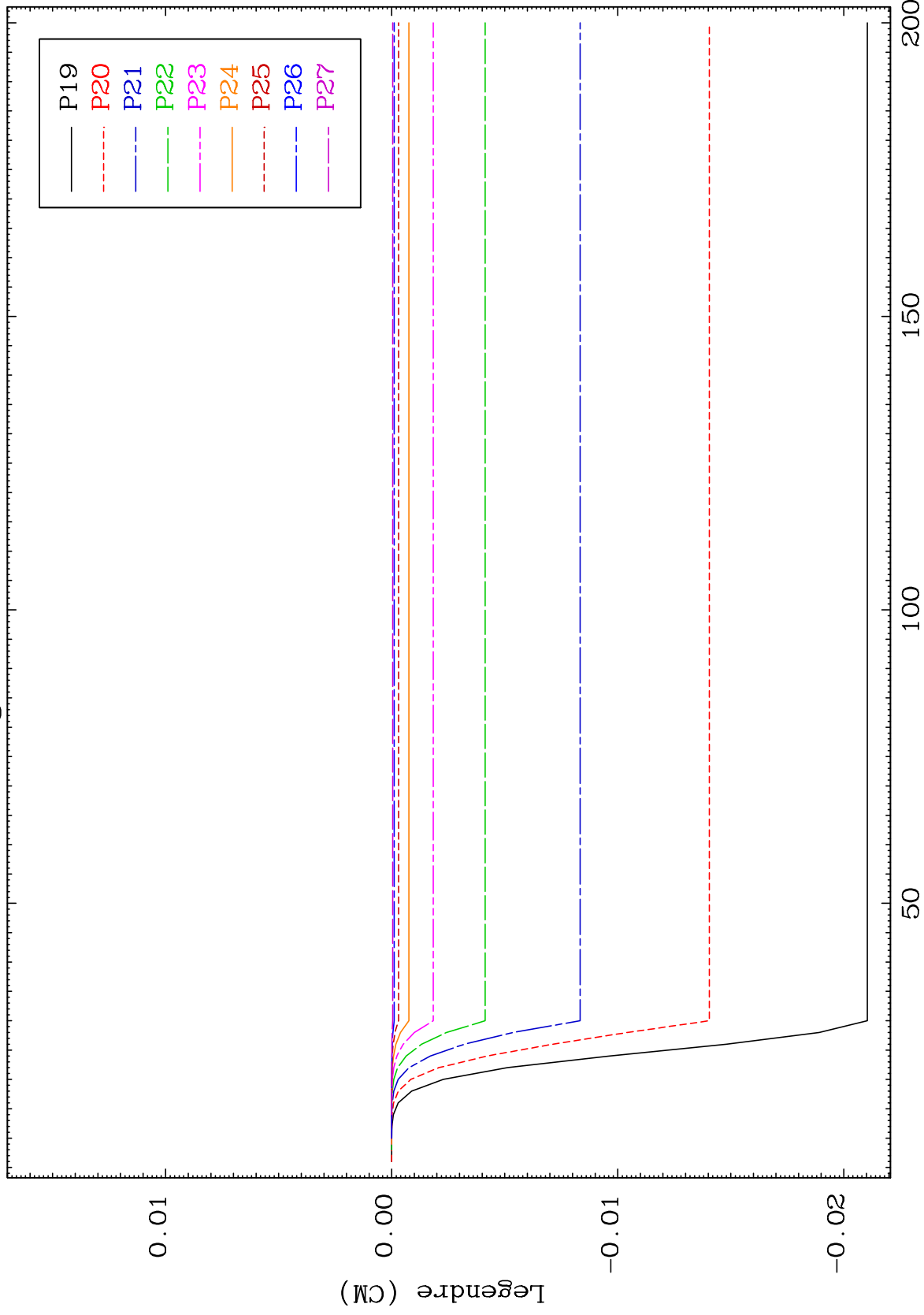
67-Ho-150



MAT 6680

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

67-Ho-150

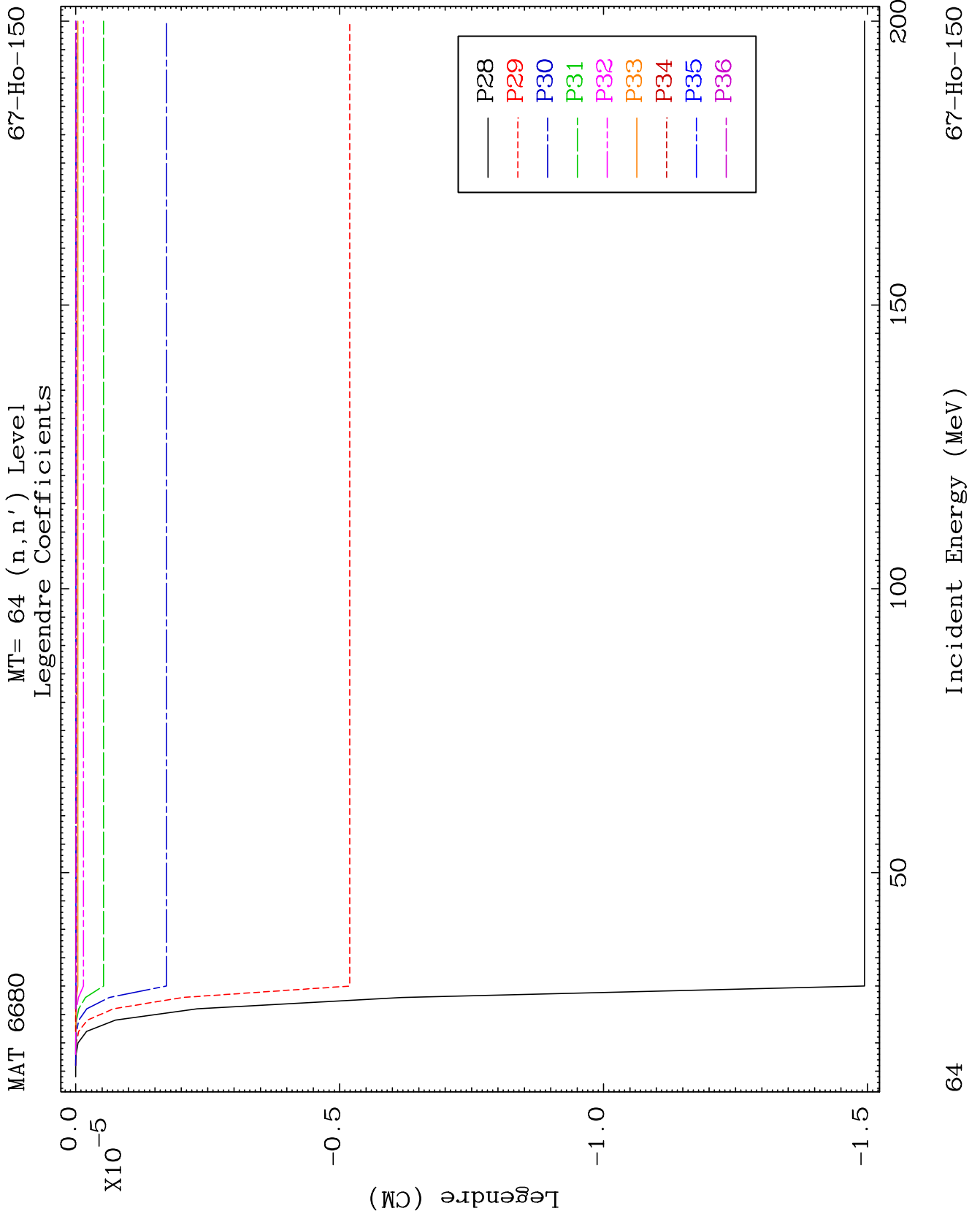


63

Incident Energy (MeV)

67-Ho-150



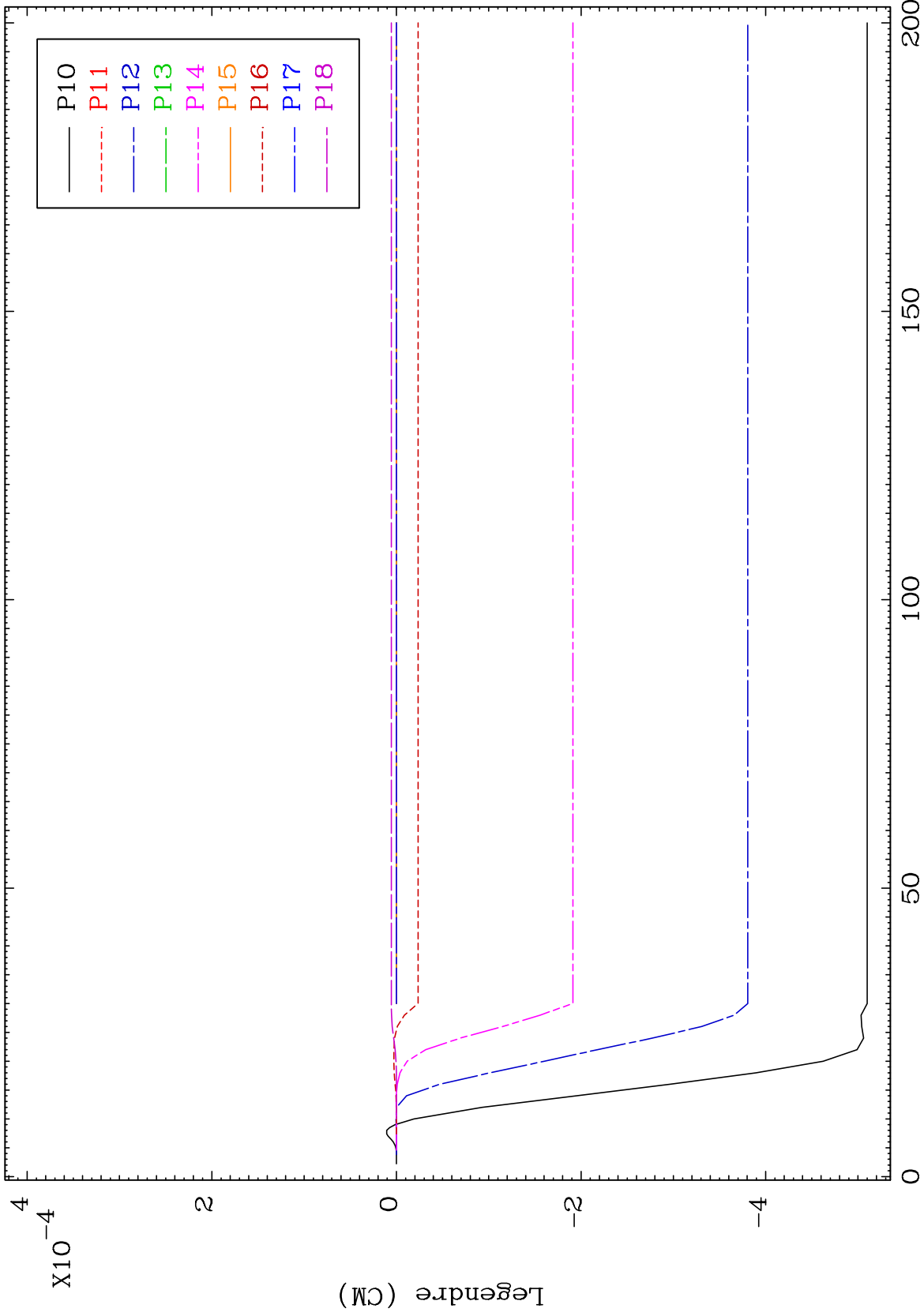




MAT 6680

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

67-Ho-150

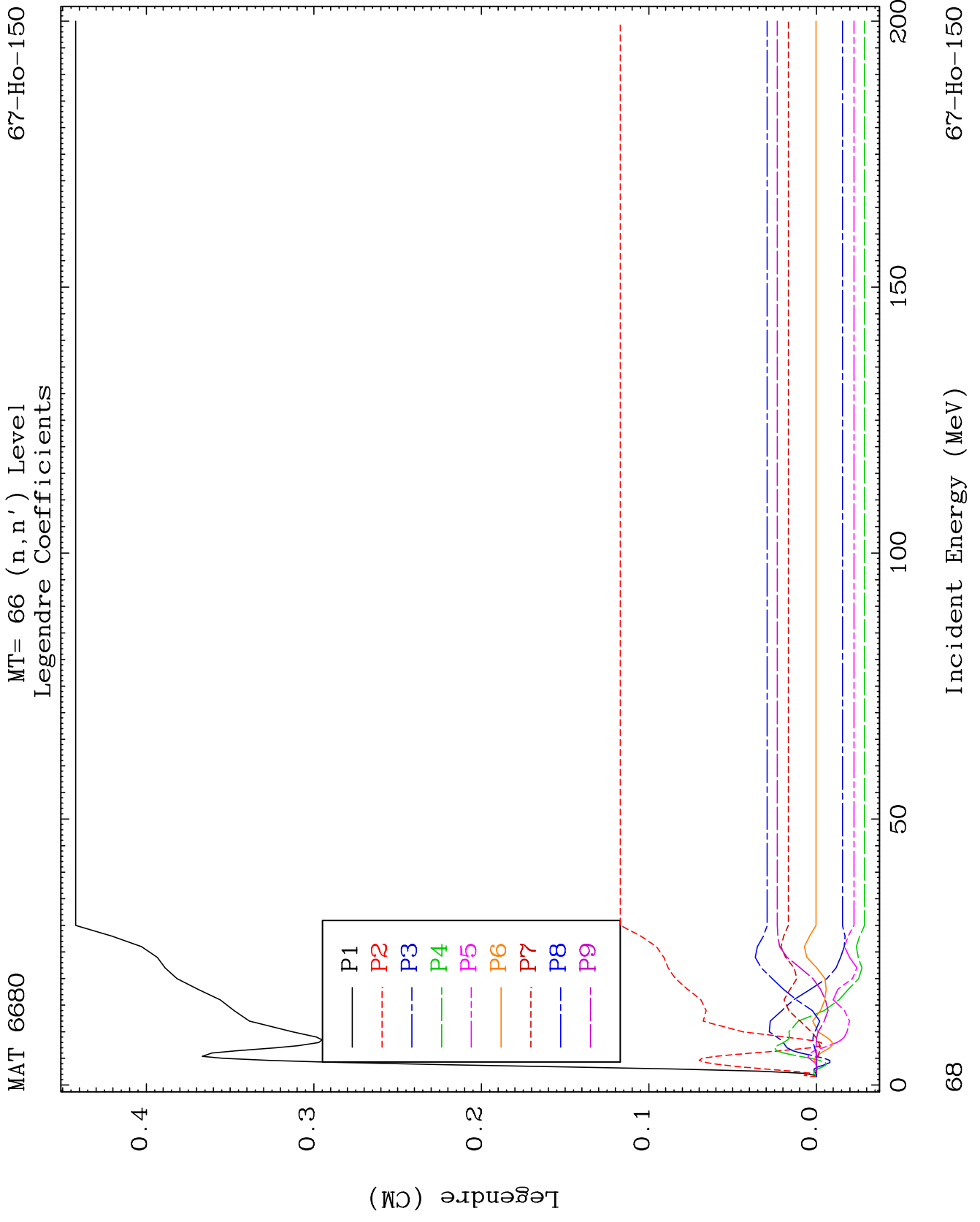


66

Incident Energy (MeV)

67-Ho-150

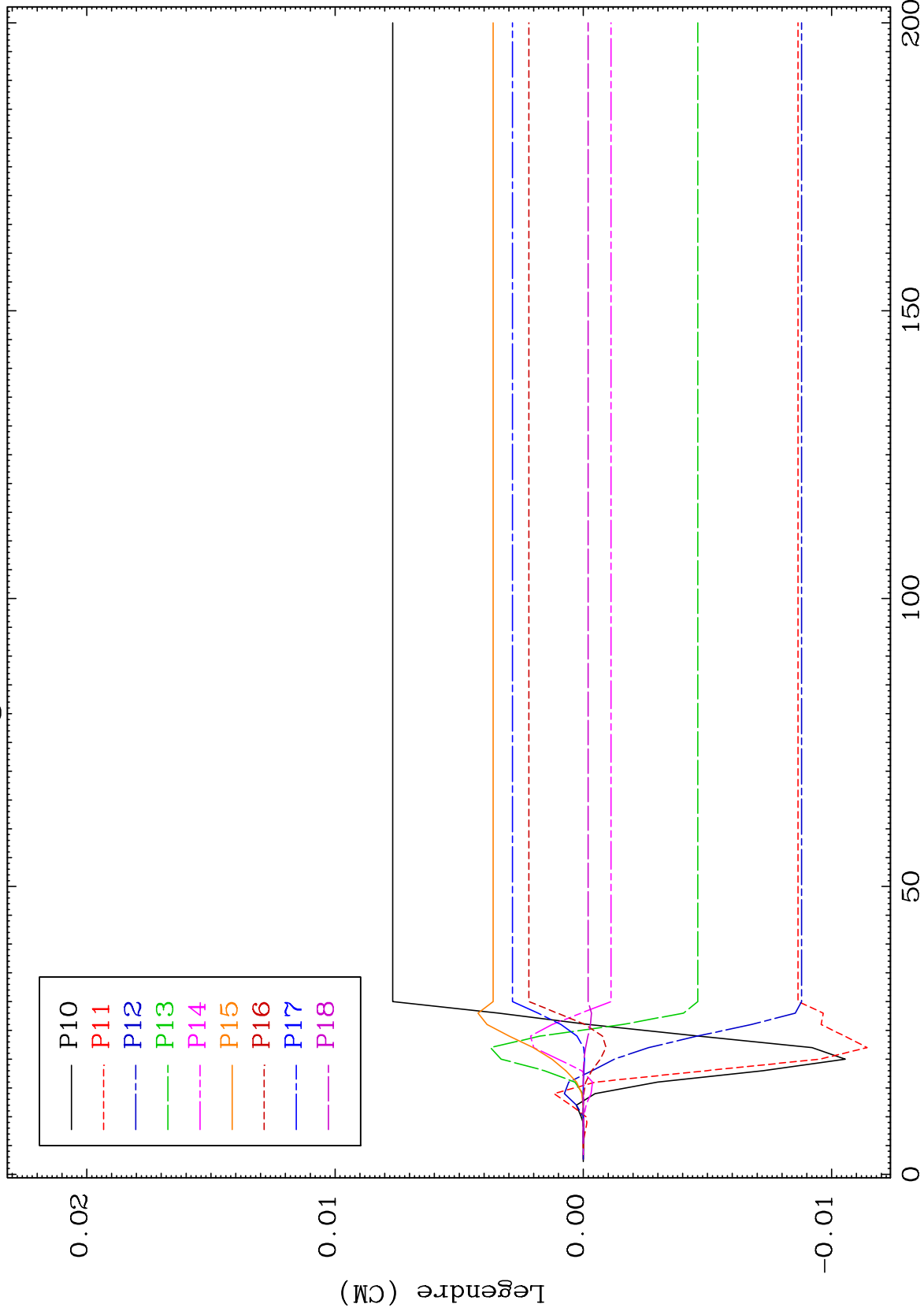




MAT 6680

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

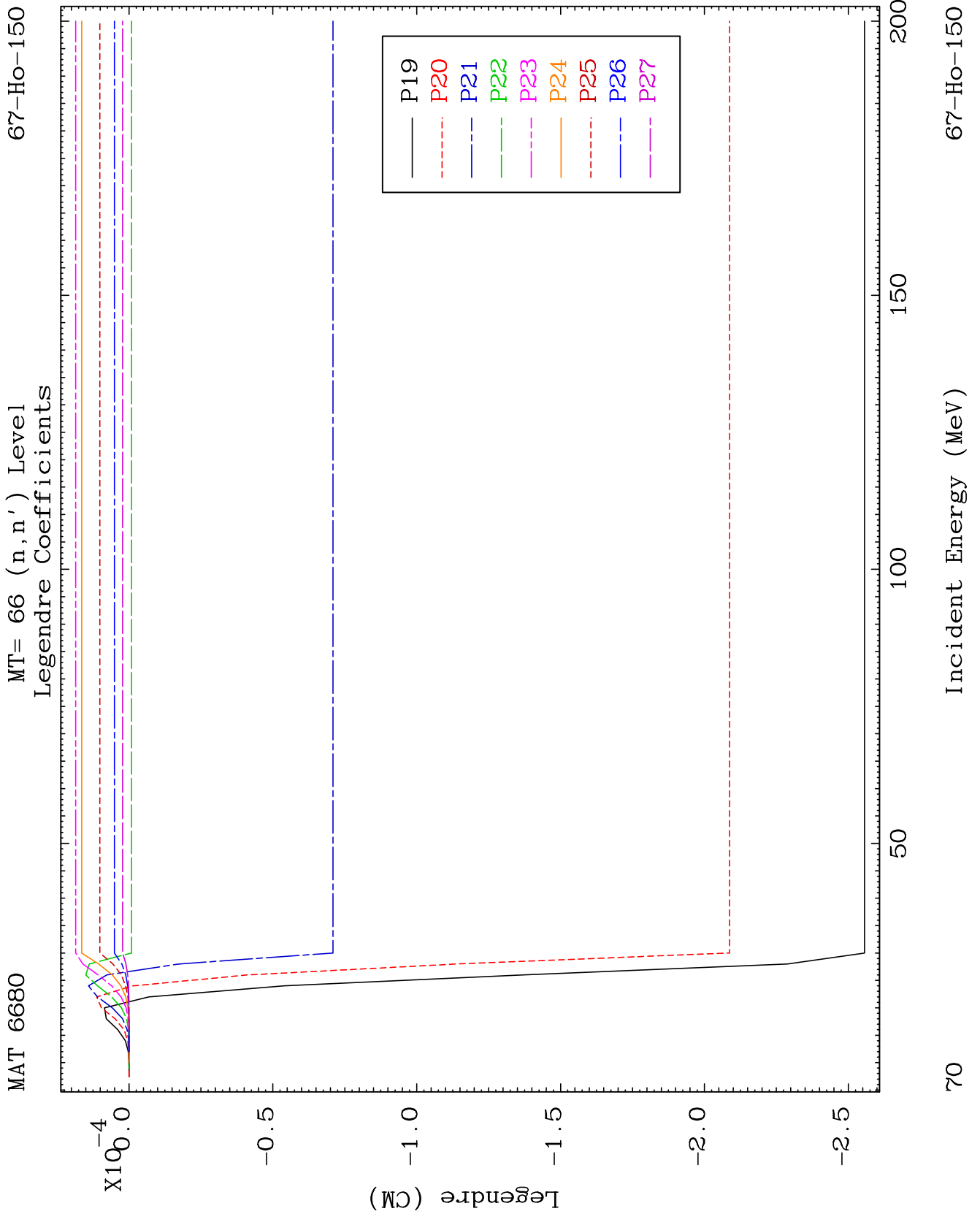
67-Ho-150



69

Incident Energy (MeV)

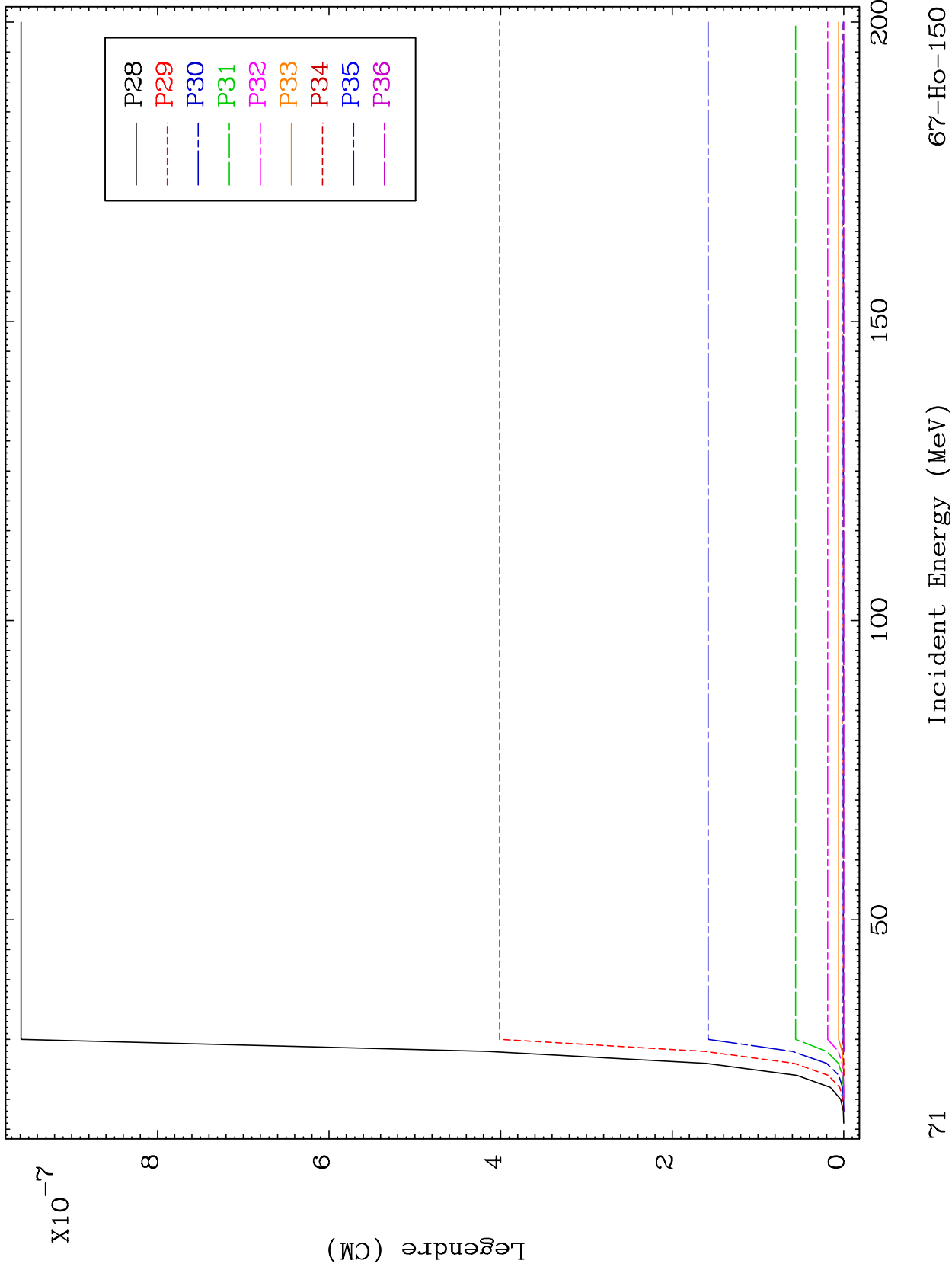
67-Ho-150



MAT 6680

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

67-Ho-150

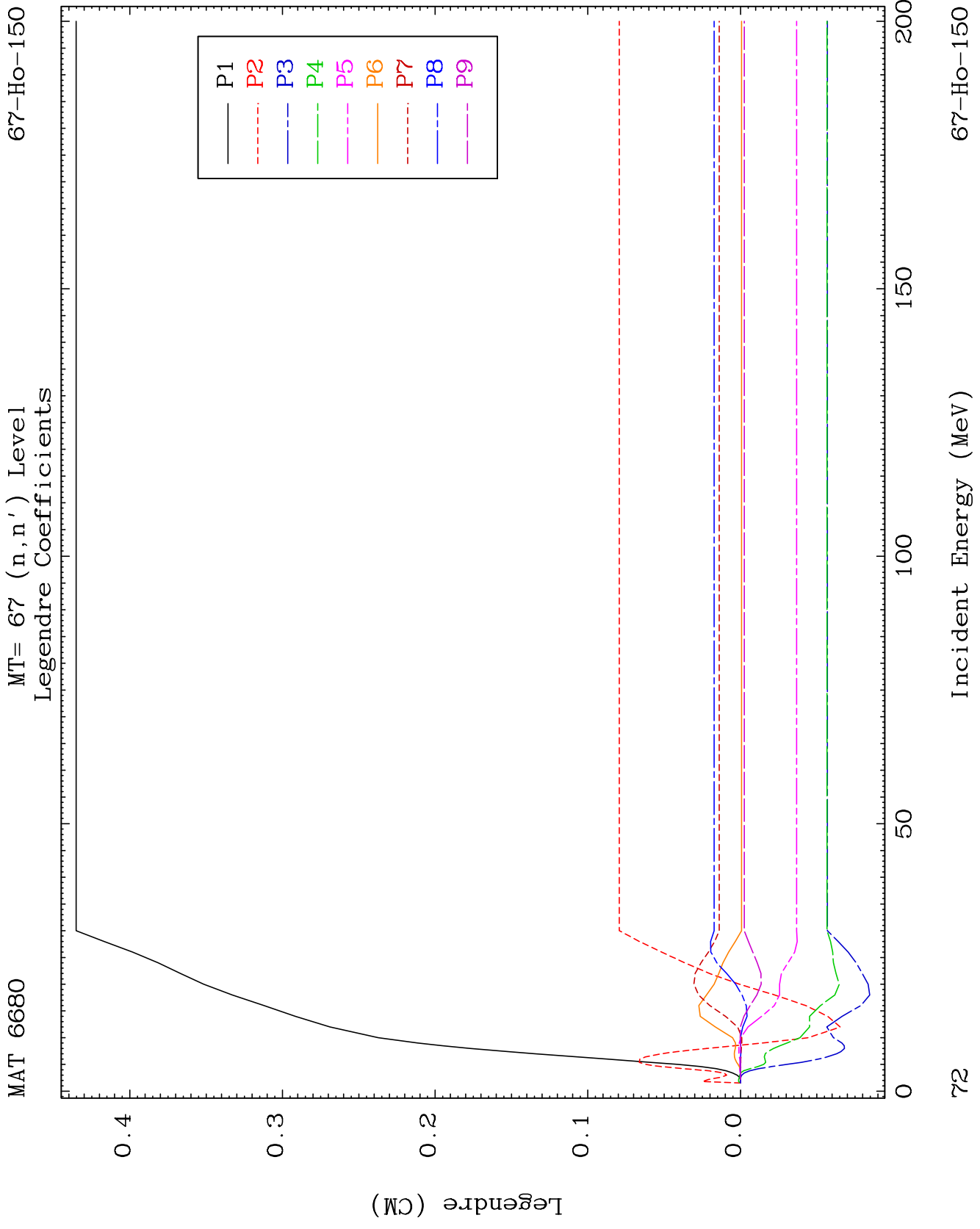


71

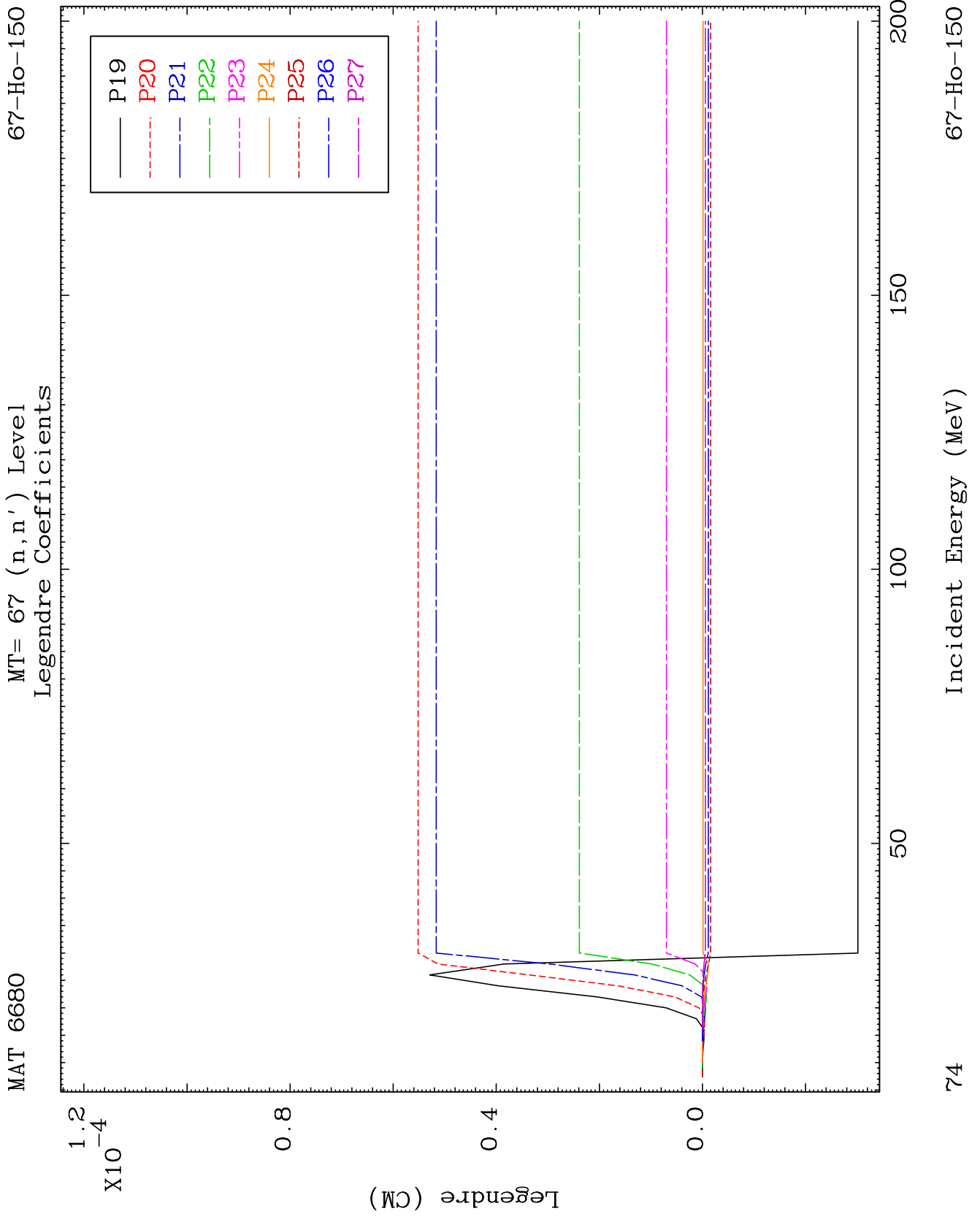
Incident Energy (MeV)

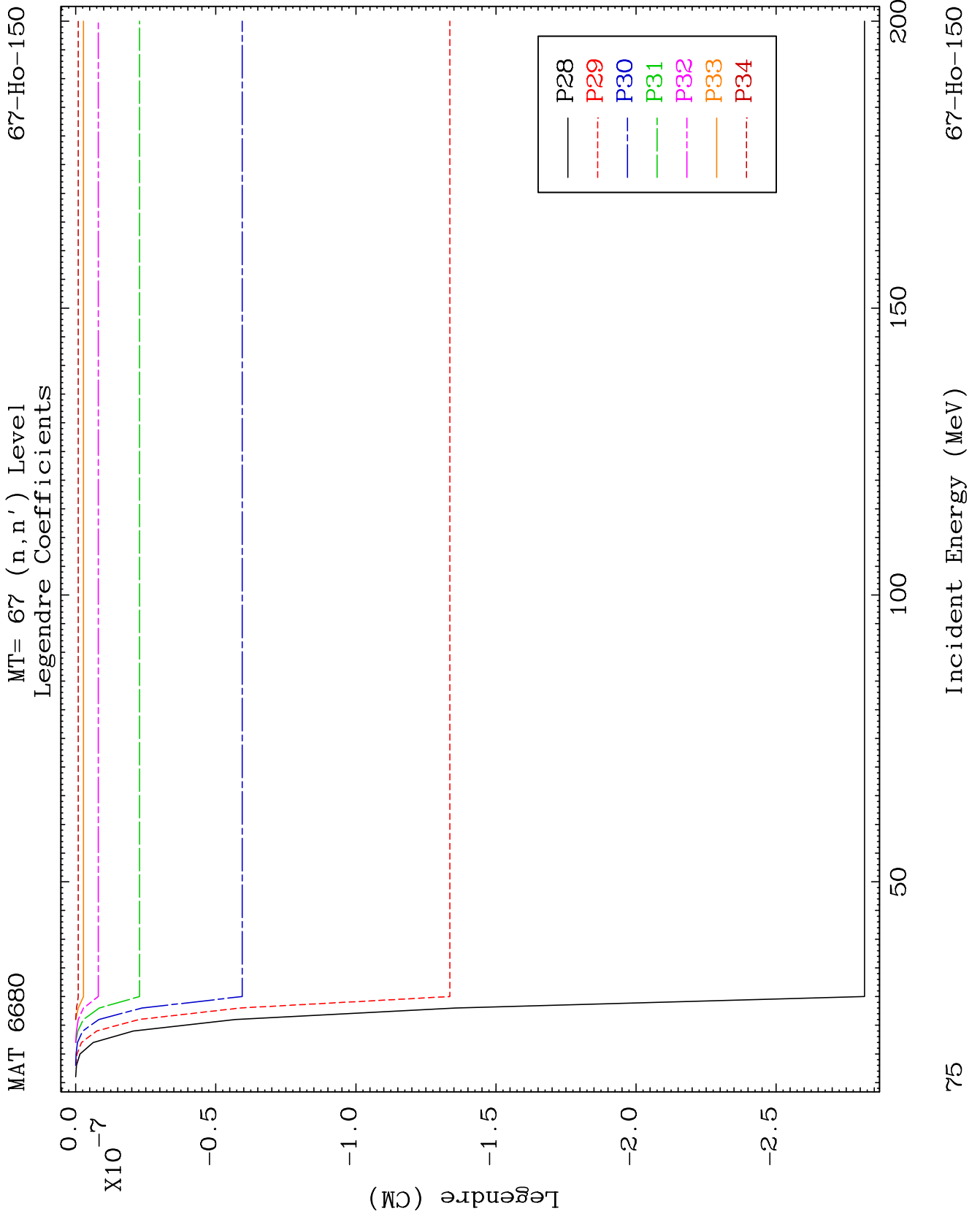
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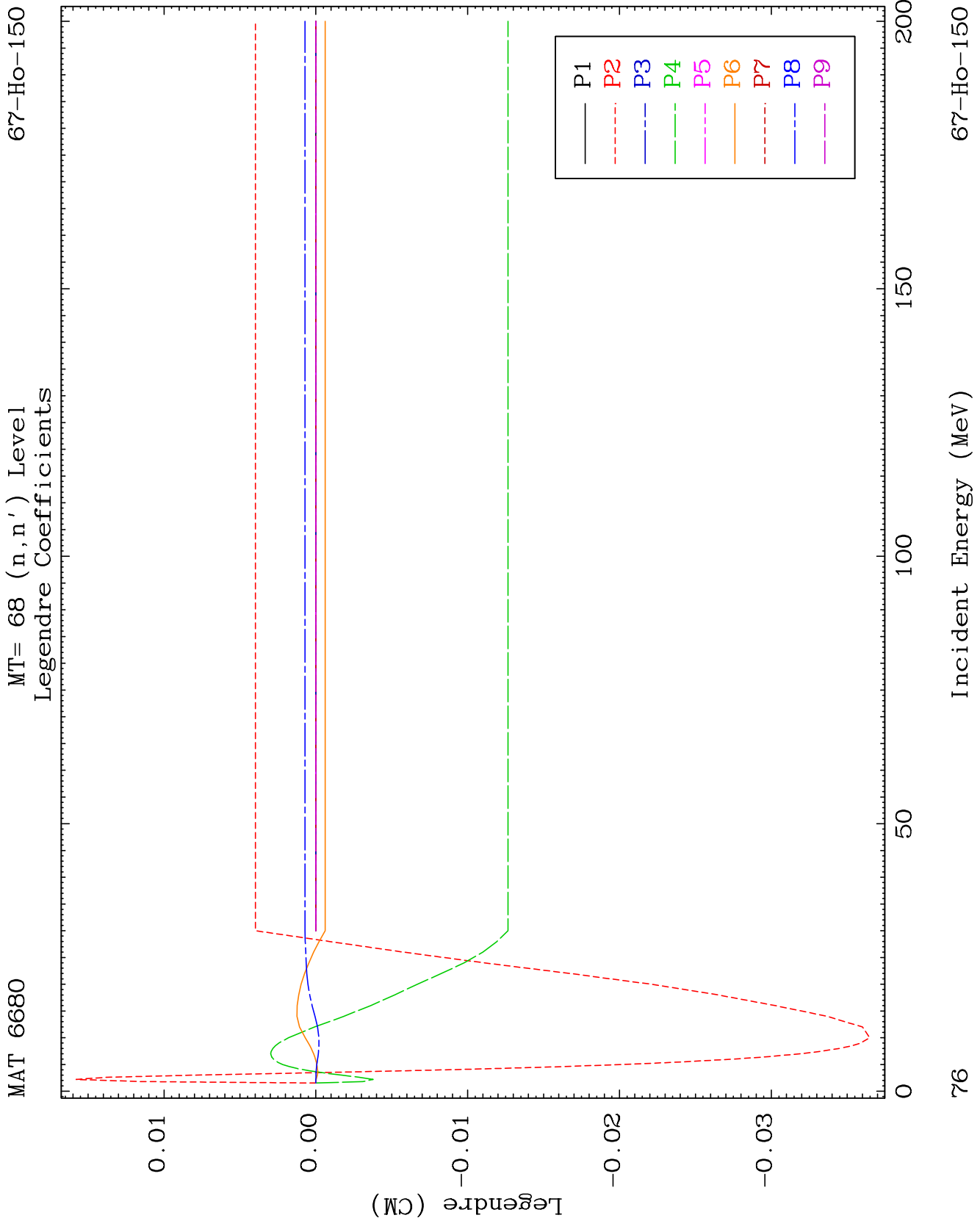








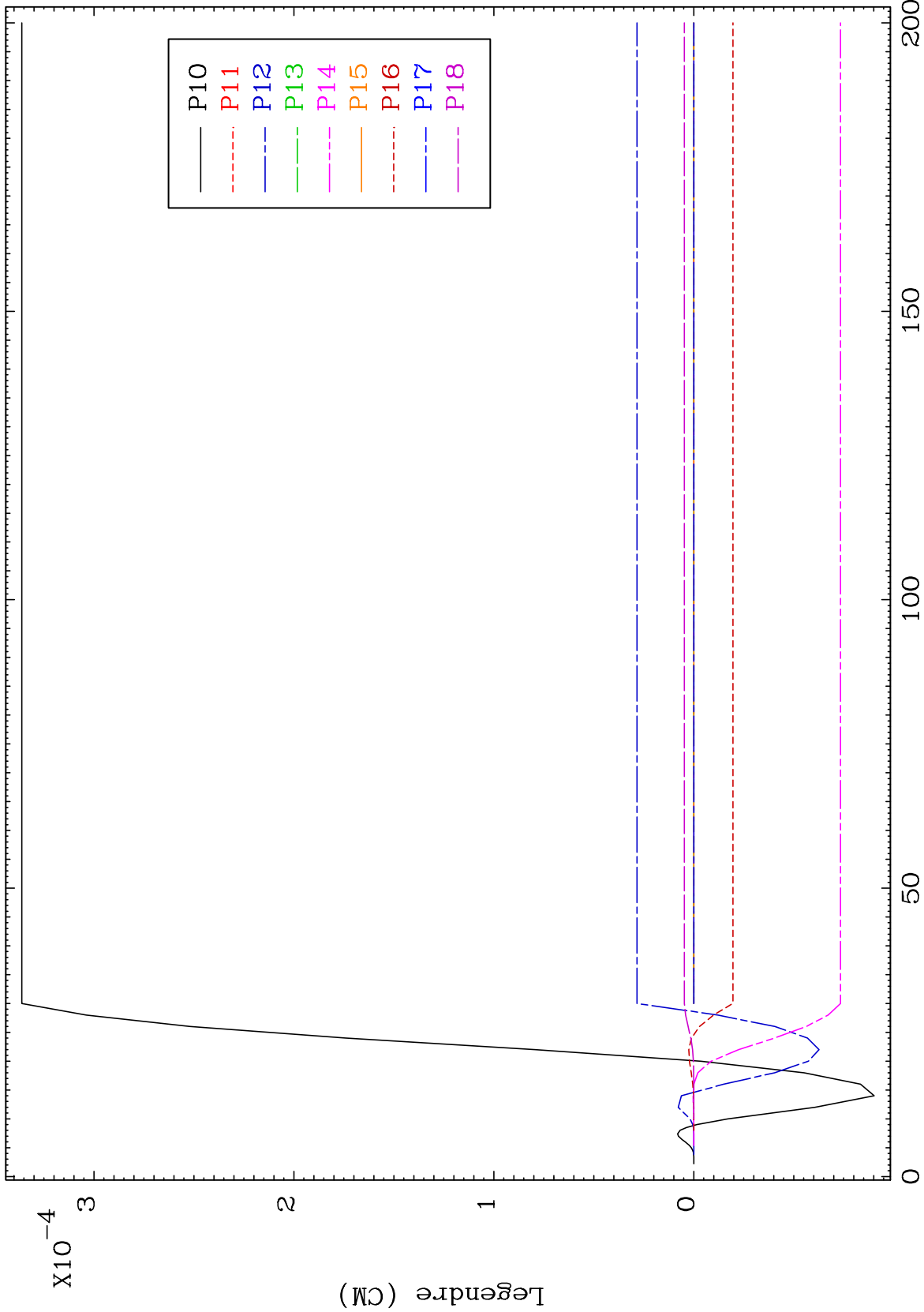




MAT 6680

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

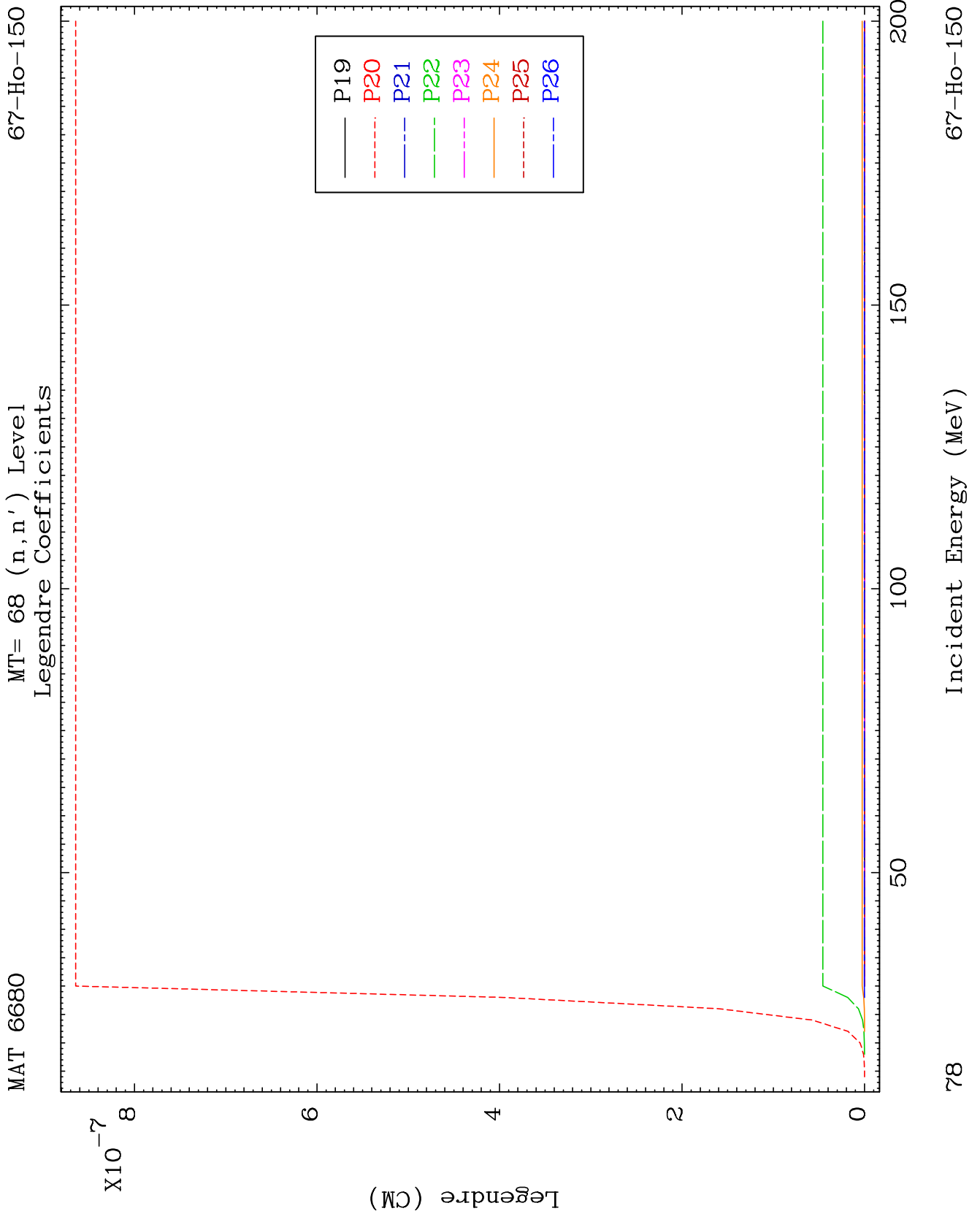
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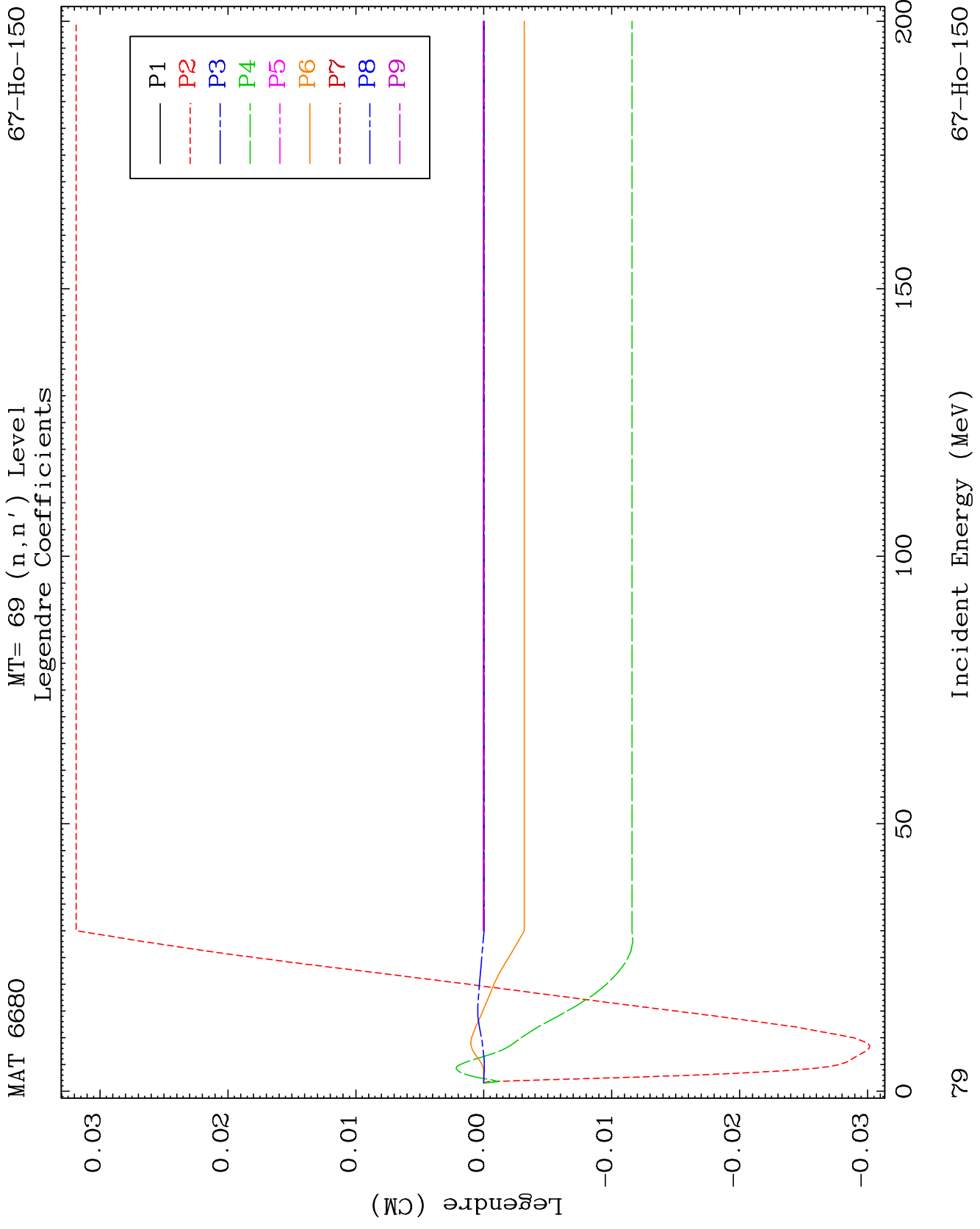


77

Incident Energy (MeV)

67-Ho-150



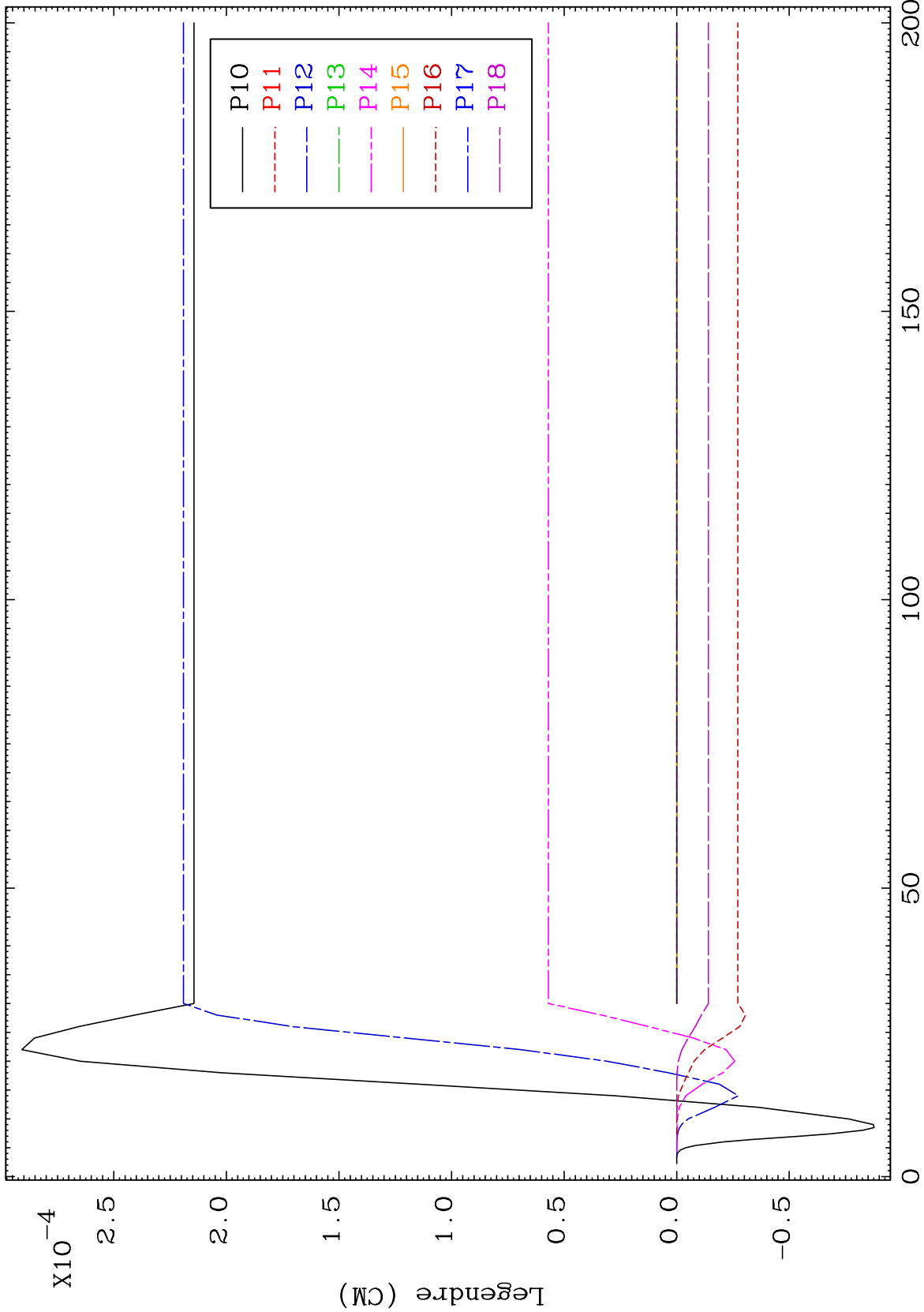




MAT 6680

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

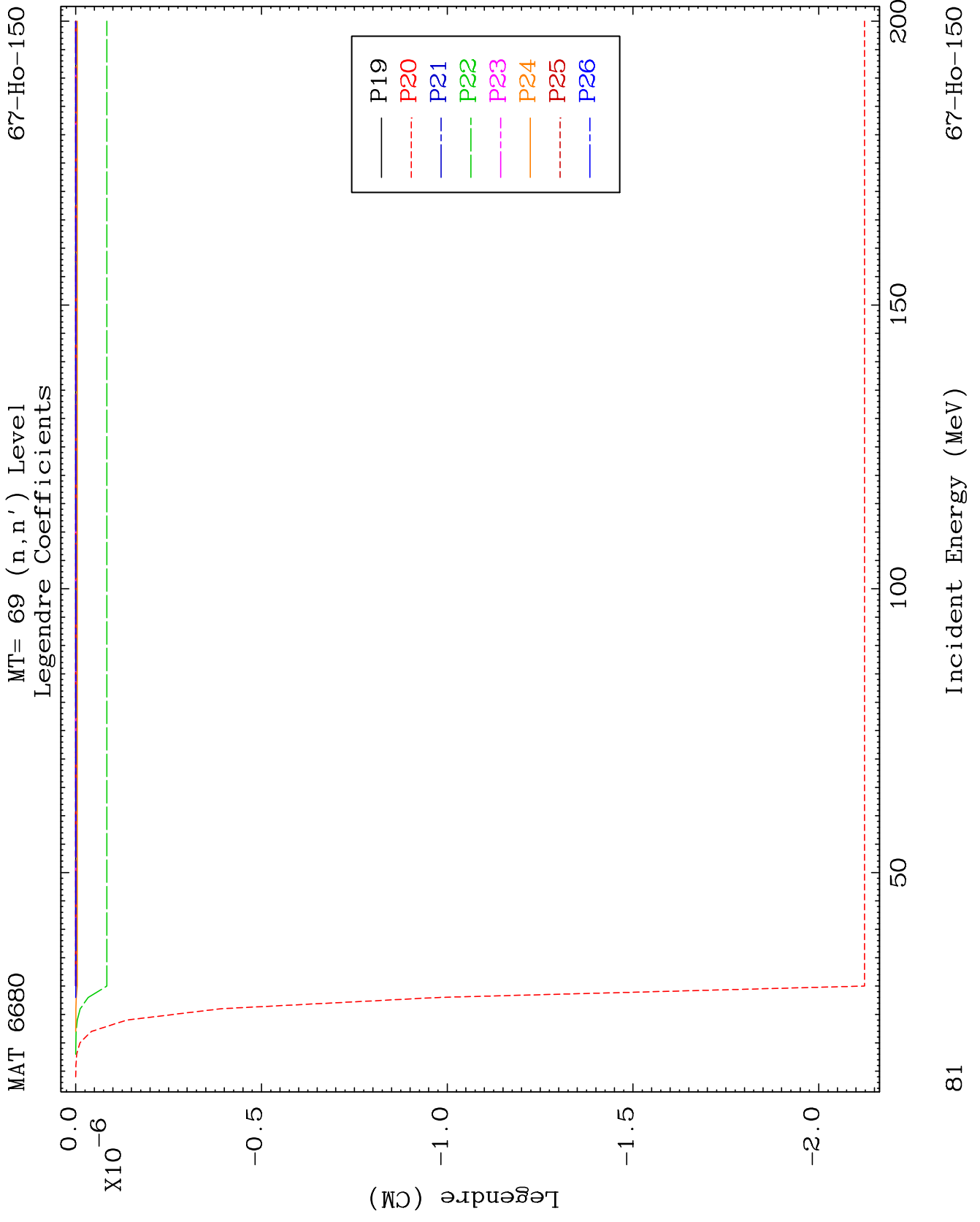
67-Ho-150

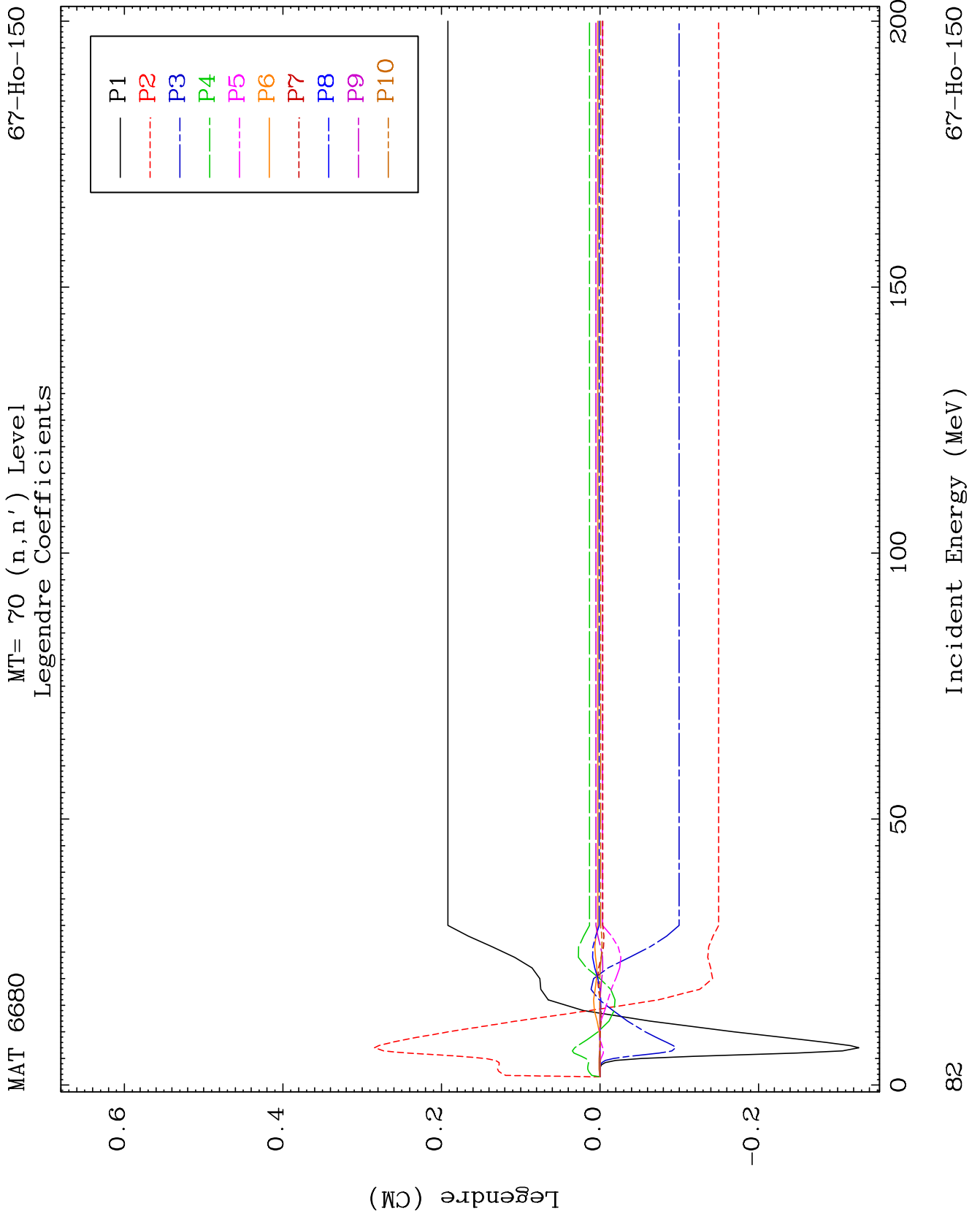


80

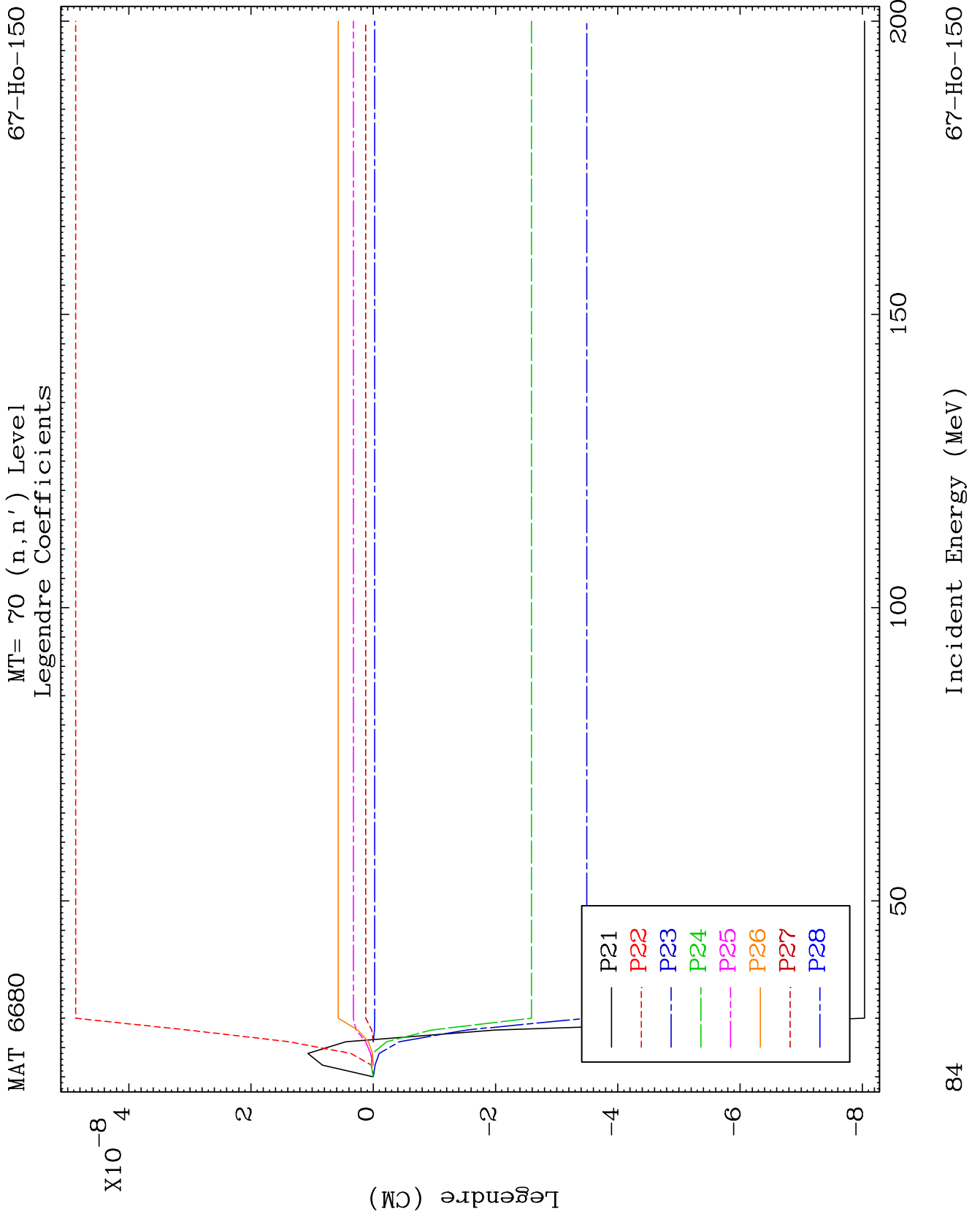
Incident Energy (MeV)

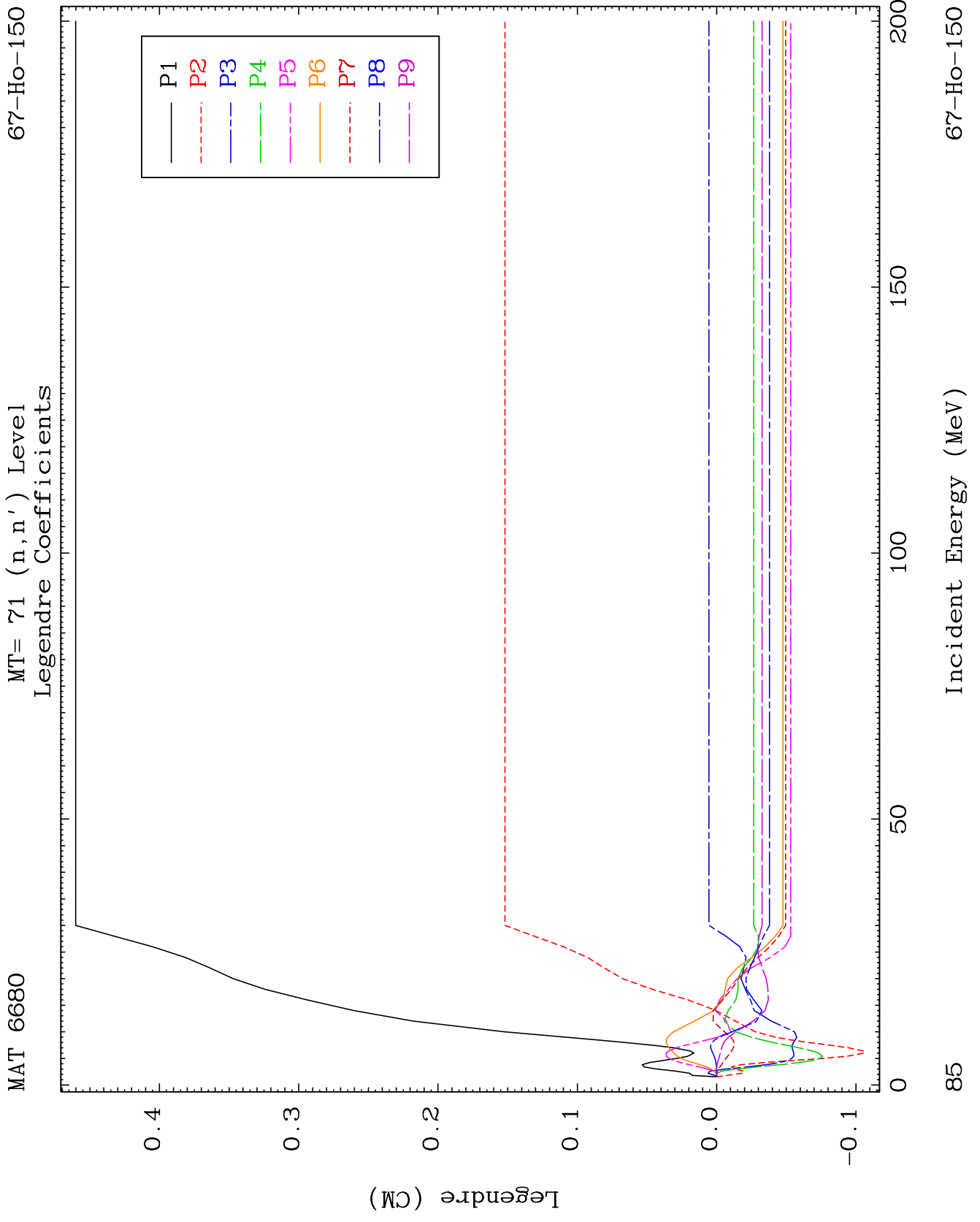
67-Ho-150

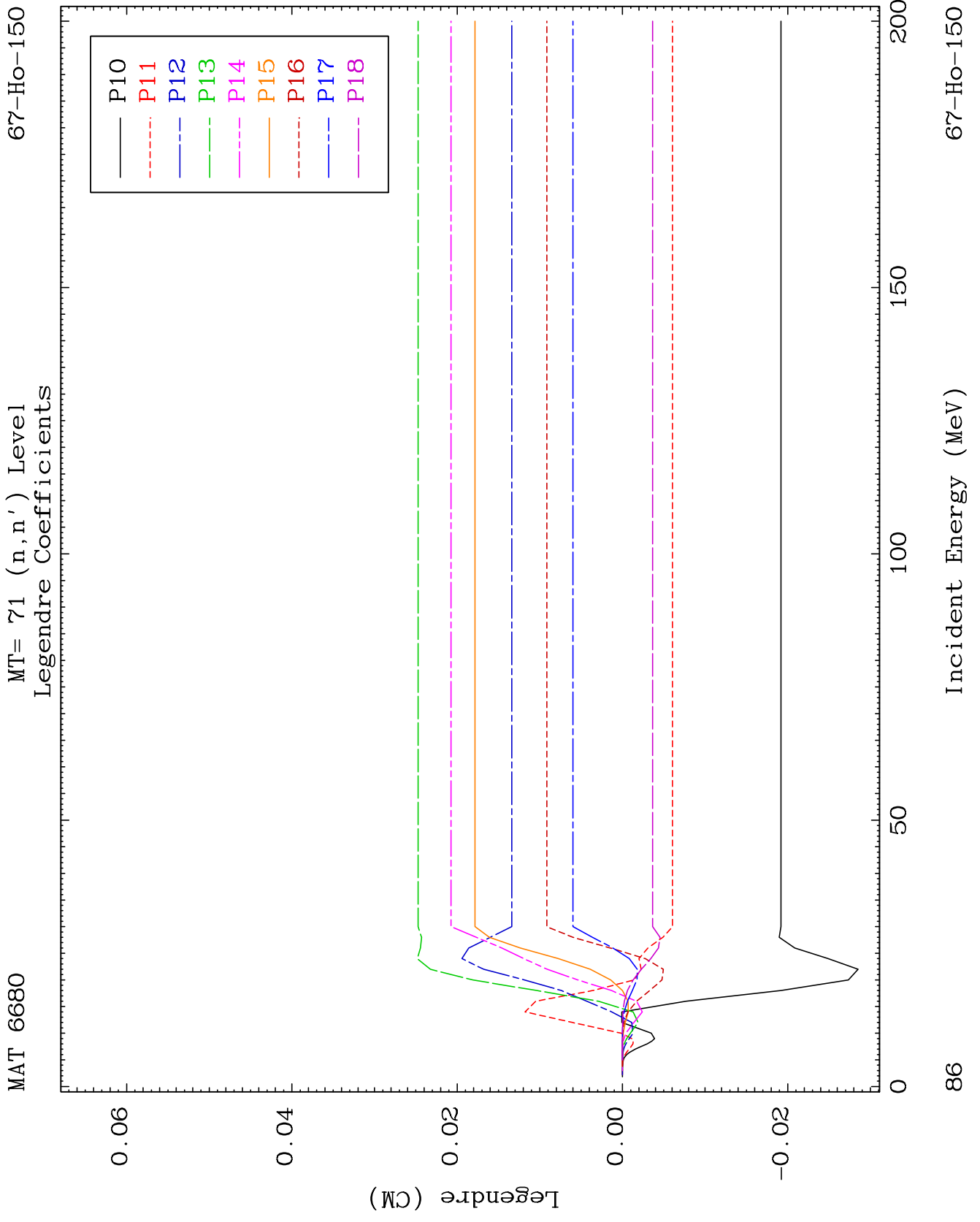


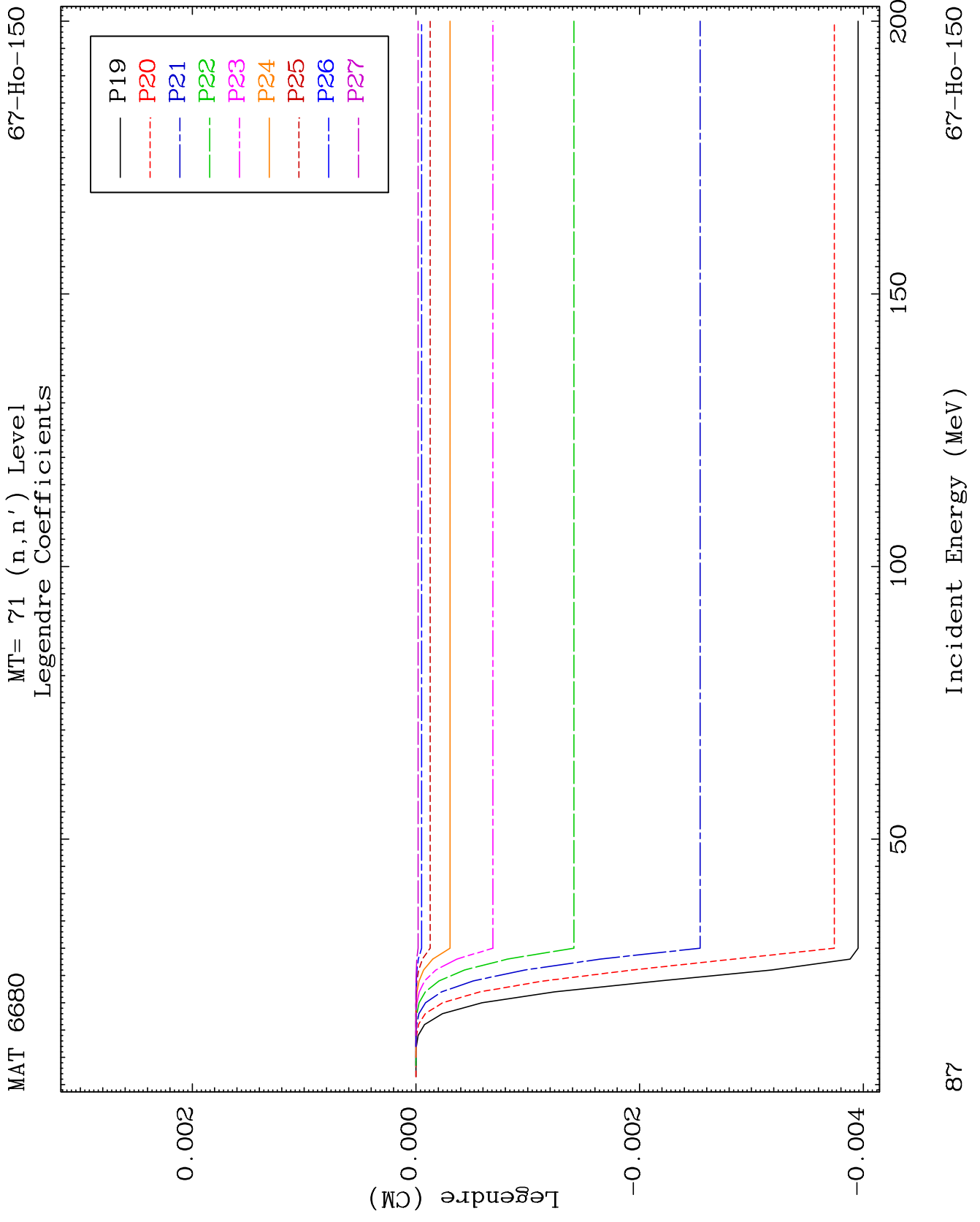




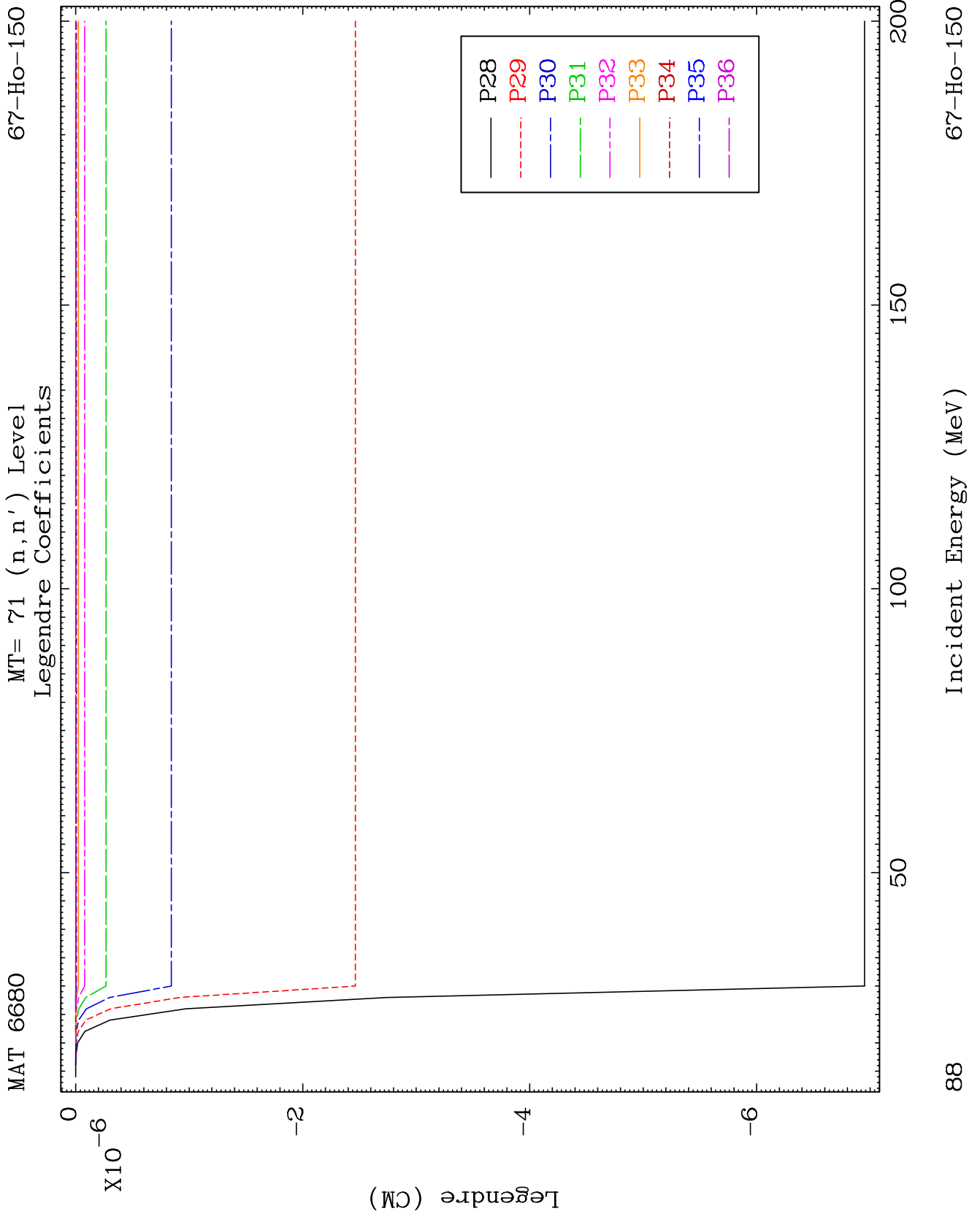










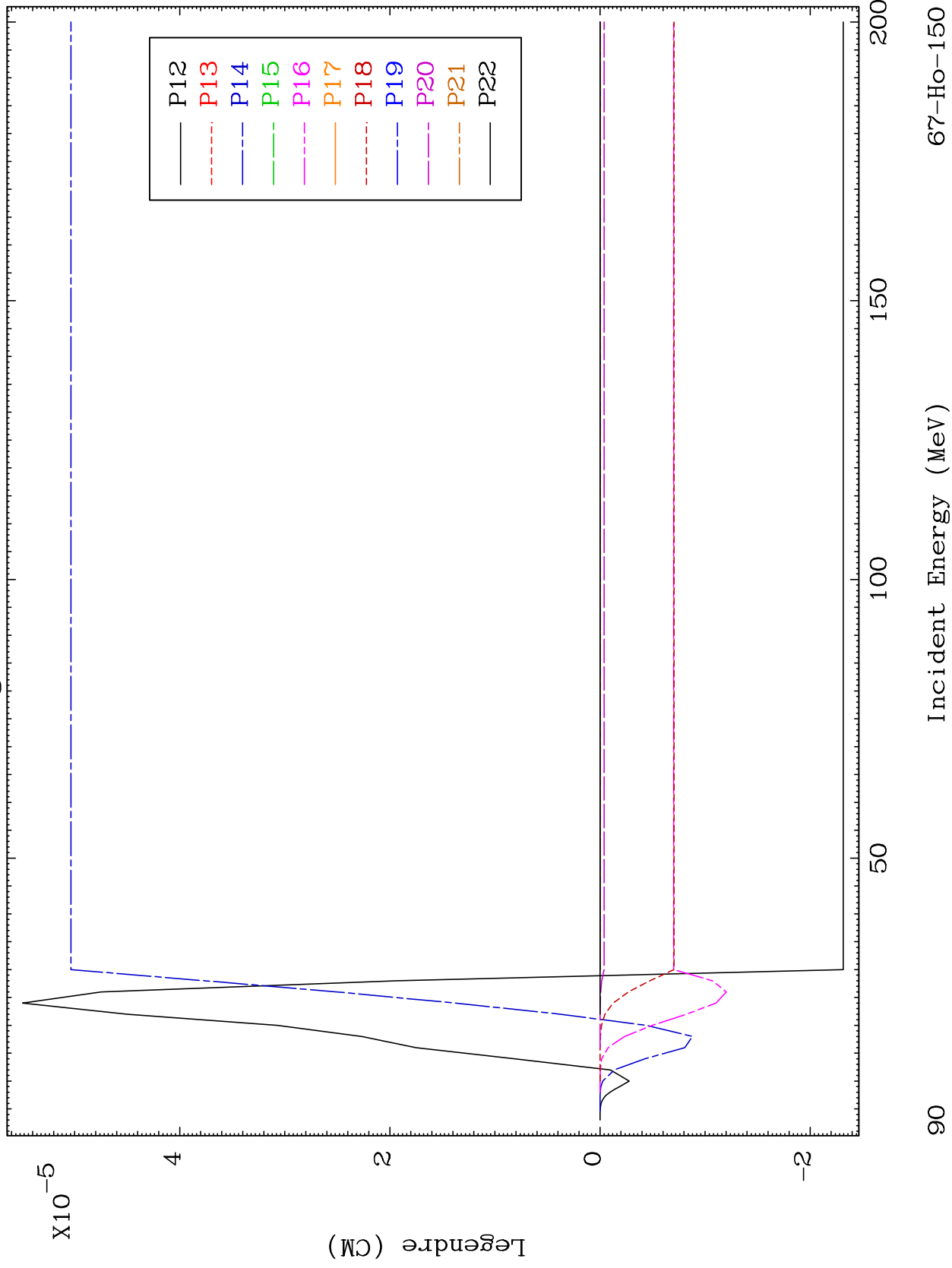




MAT 6680

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

67-Ho-150



90

Incident Energy (MeV)

67-Ho-150

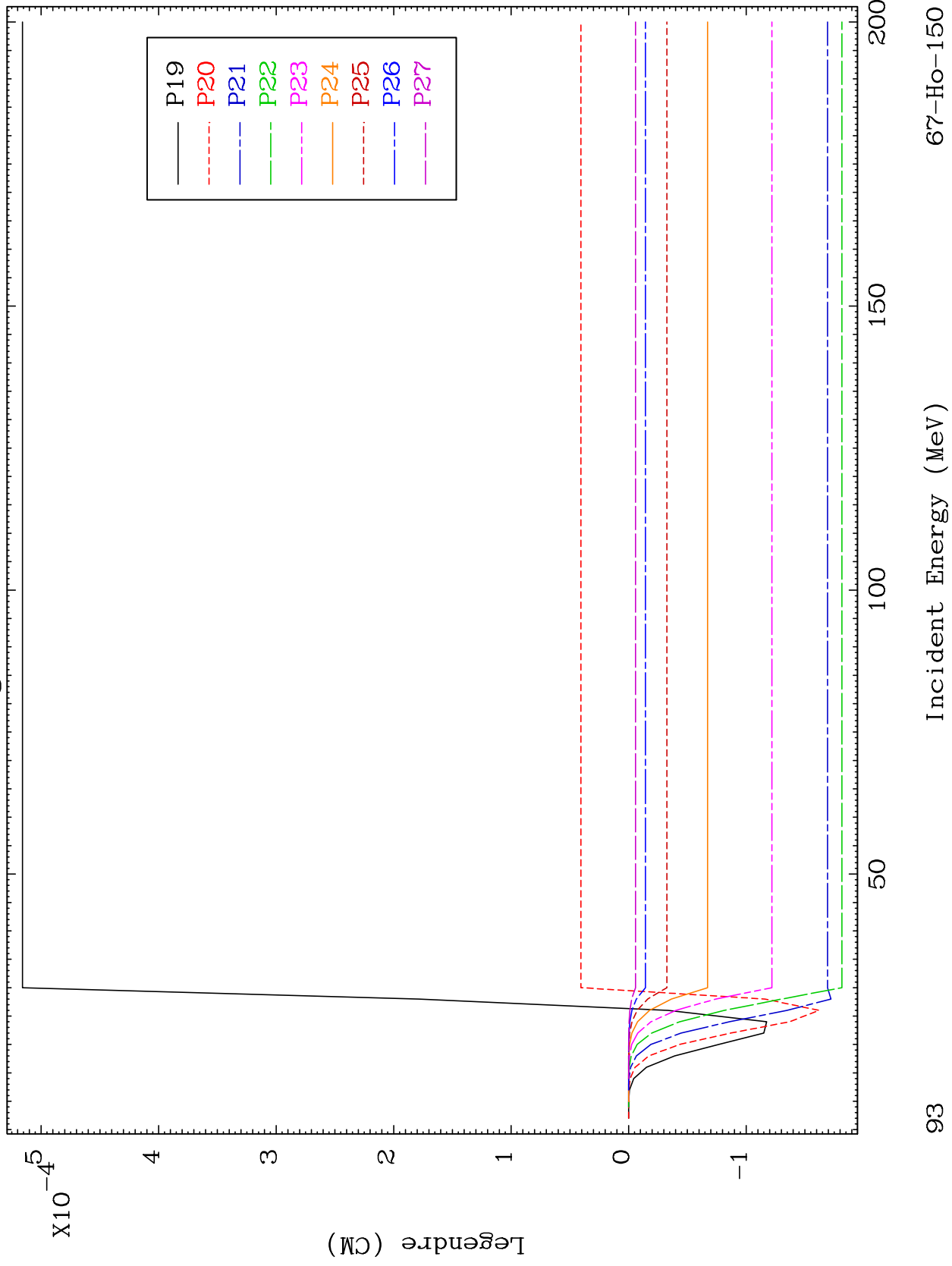


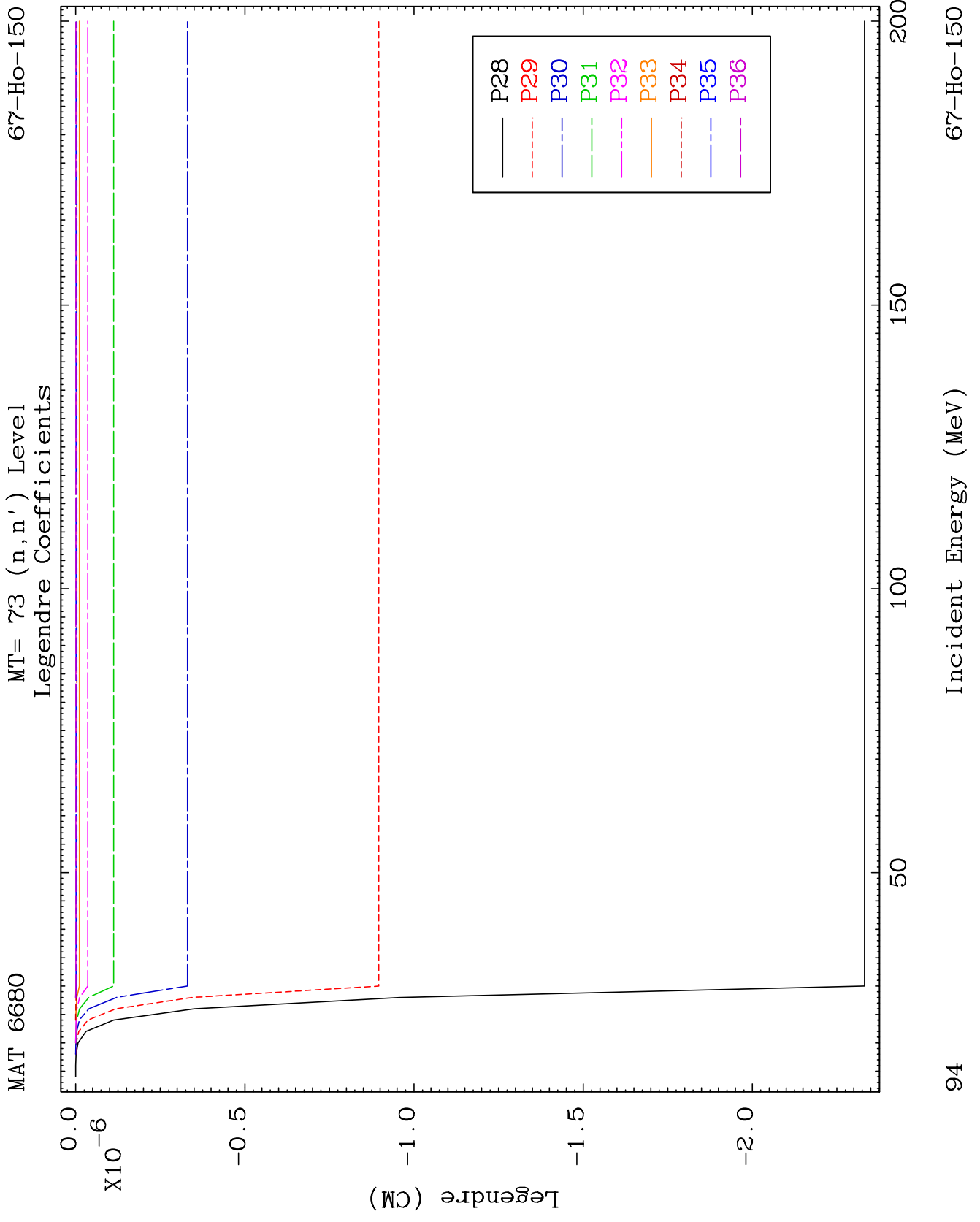


MAT 6680

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

67-Ho-150





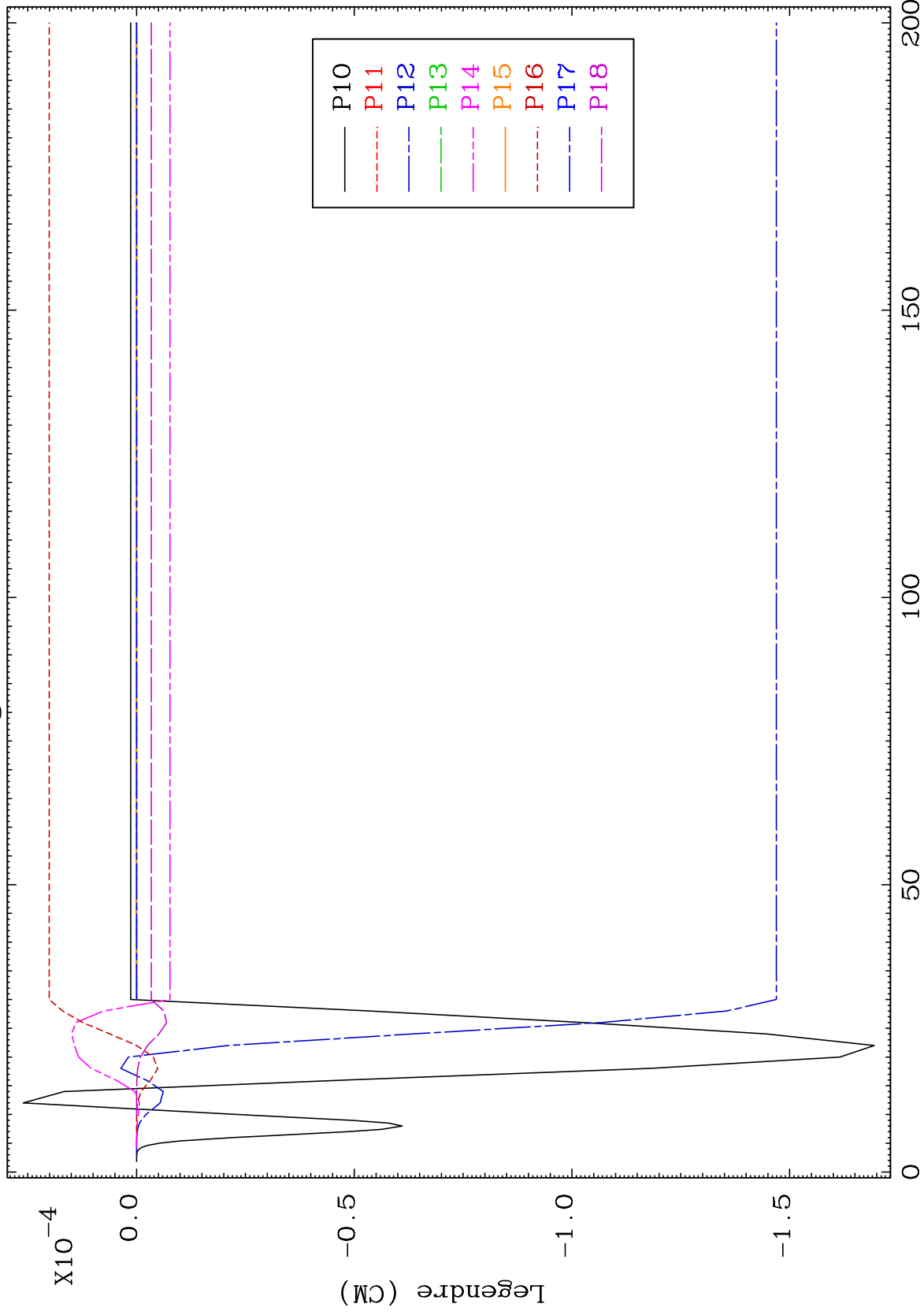




MAT 6680

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

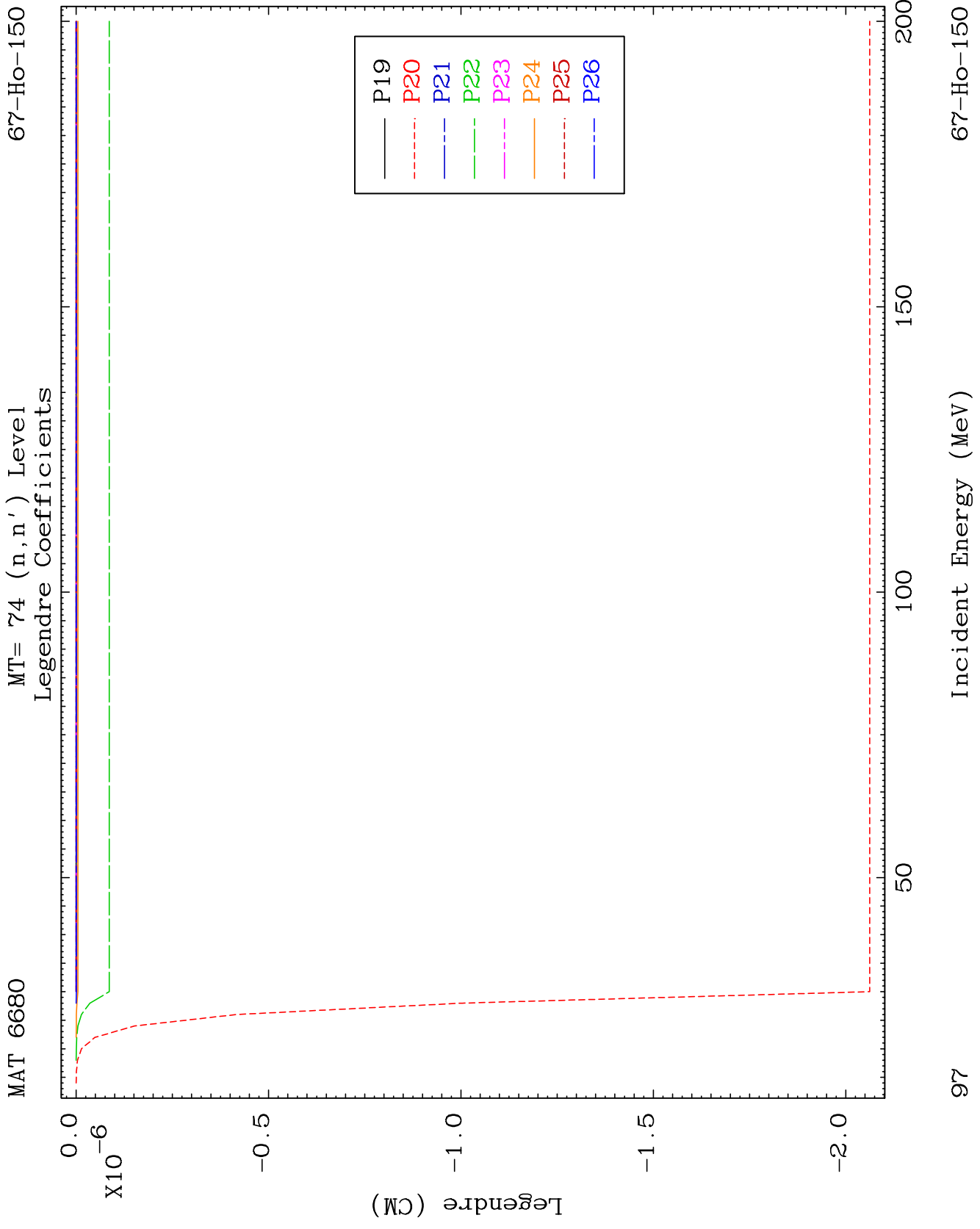
67-Ho-150



96

Incident Energy (MeV)

67-Ho-150

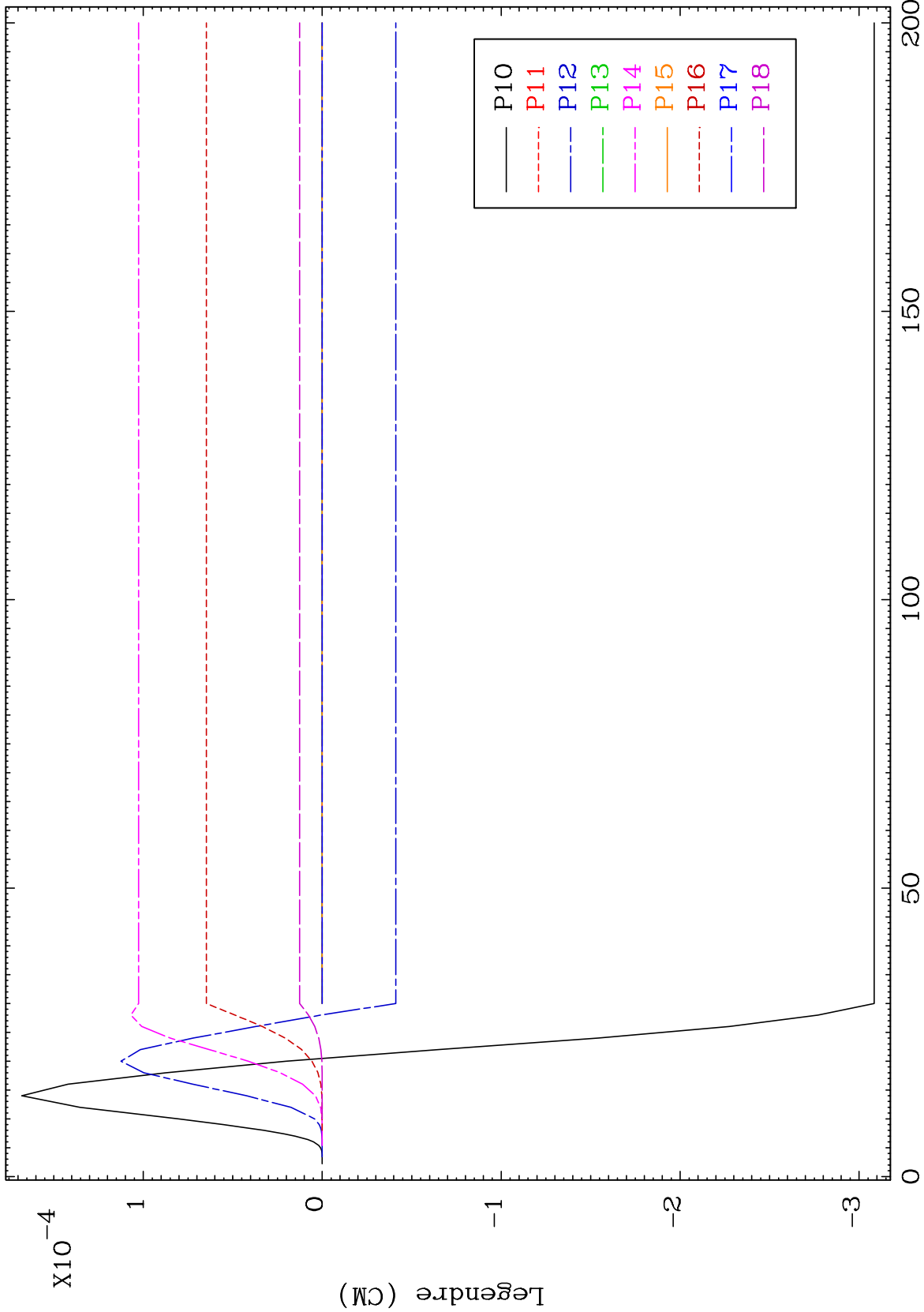




MAT 6680

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

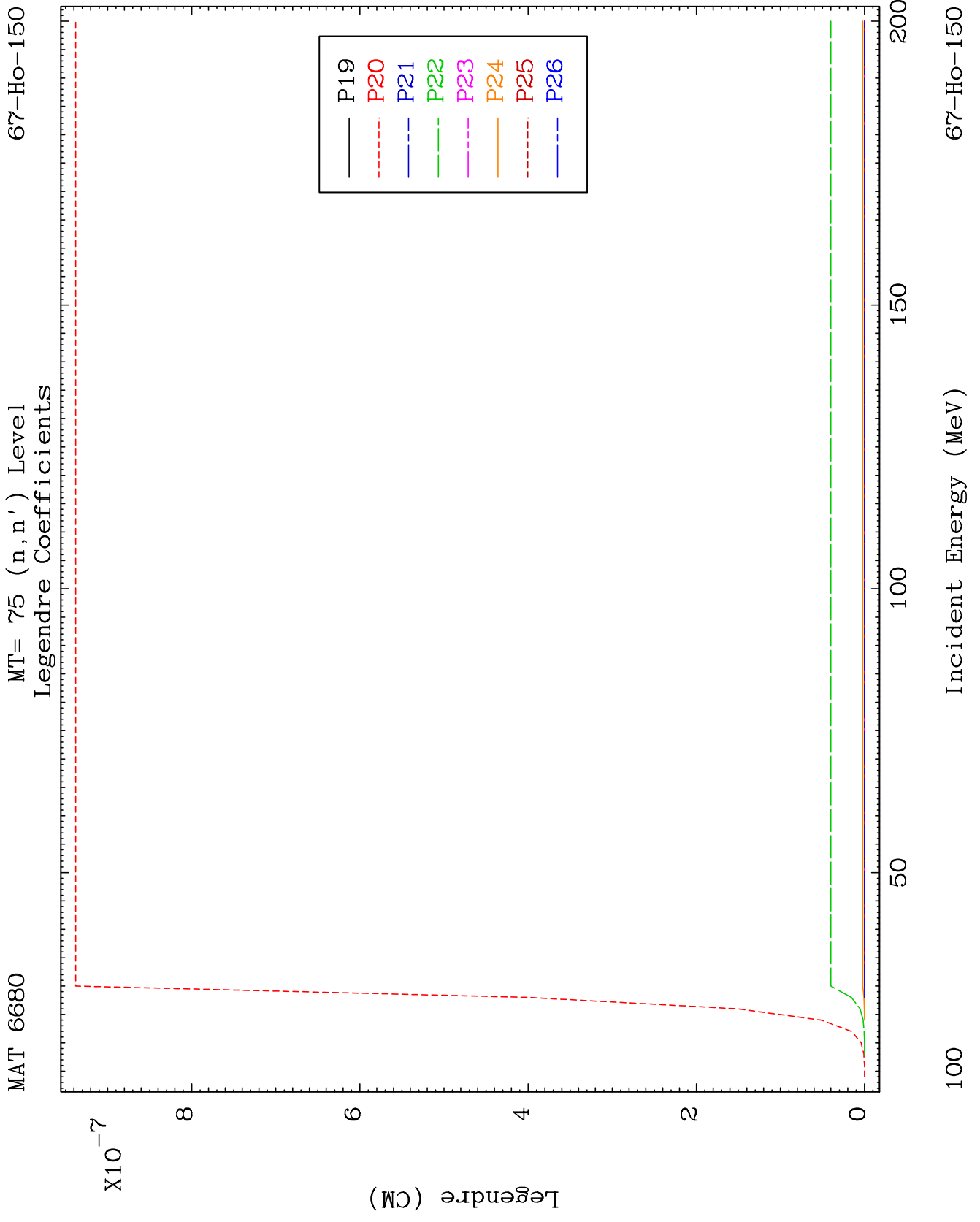
67-Ho-150



99

Incident Energy (MeV)

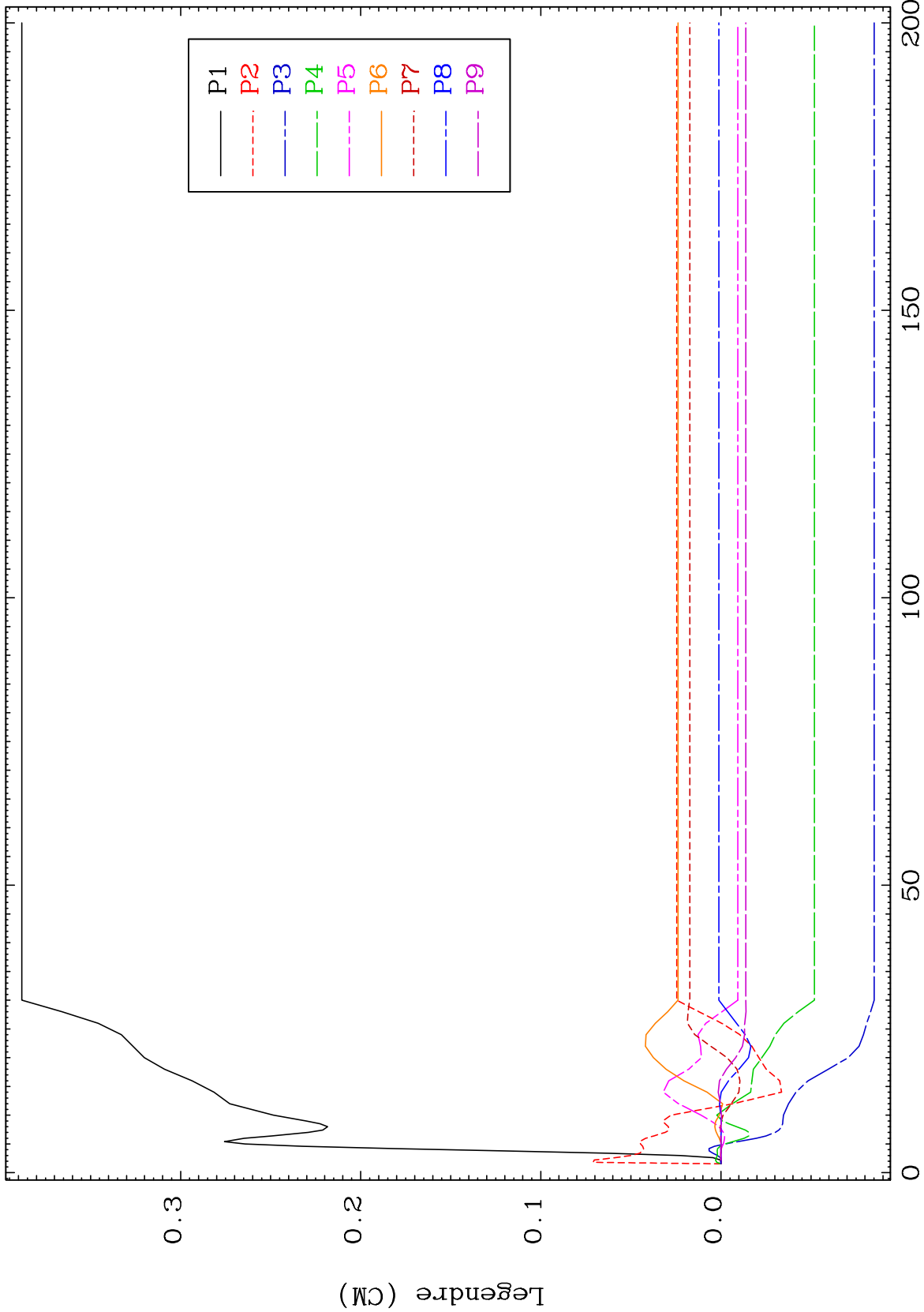
67-Ho-150



MAT 6680

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

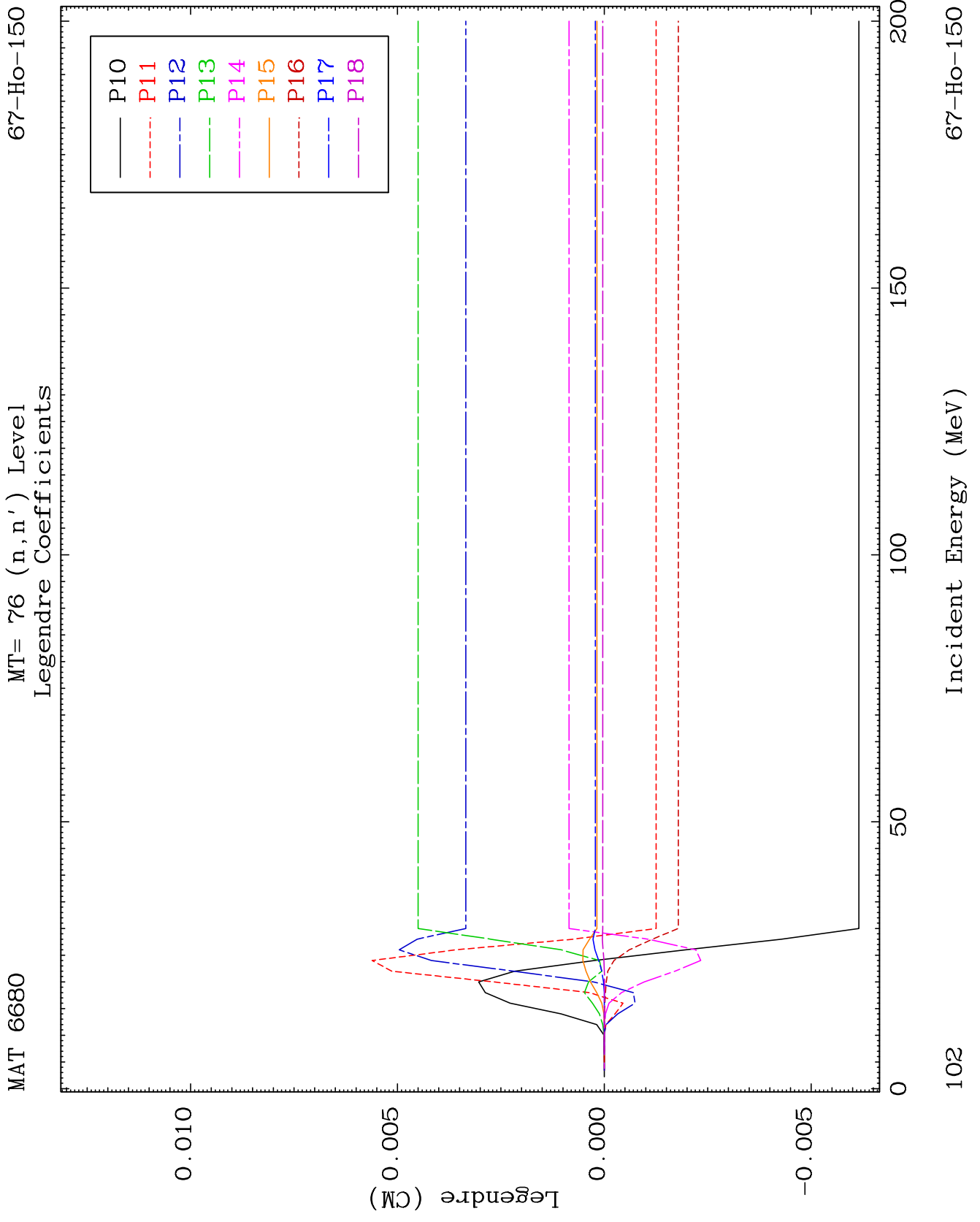
67-Ho-150



101

Incident Energy (MeV)

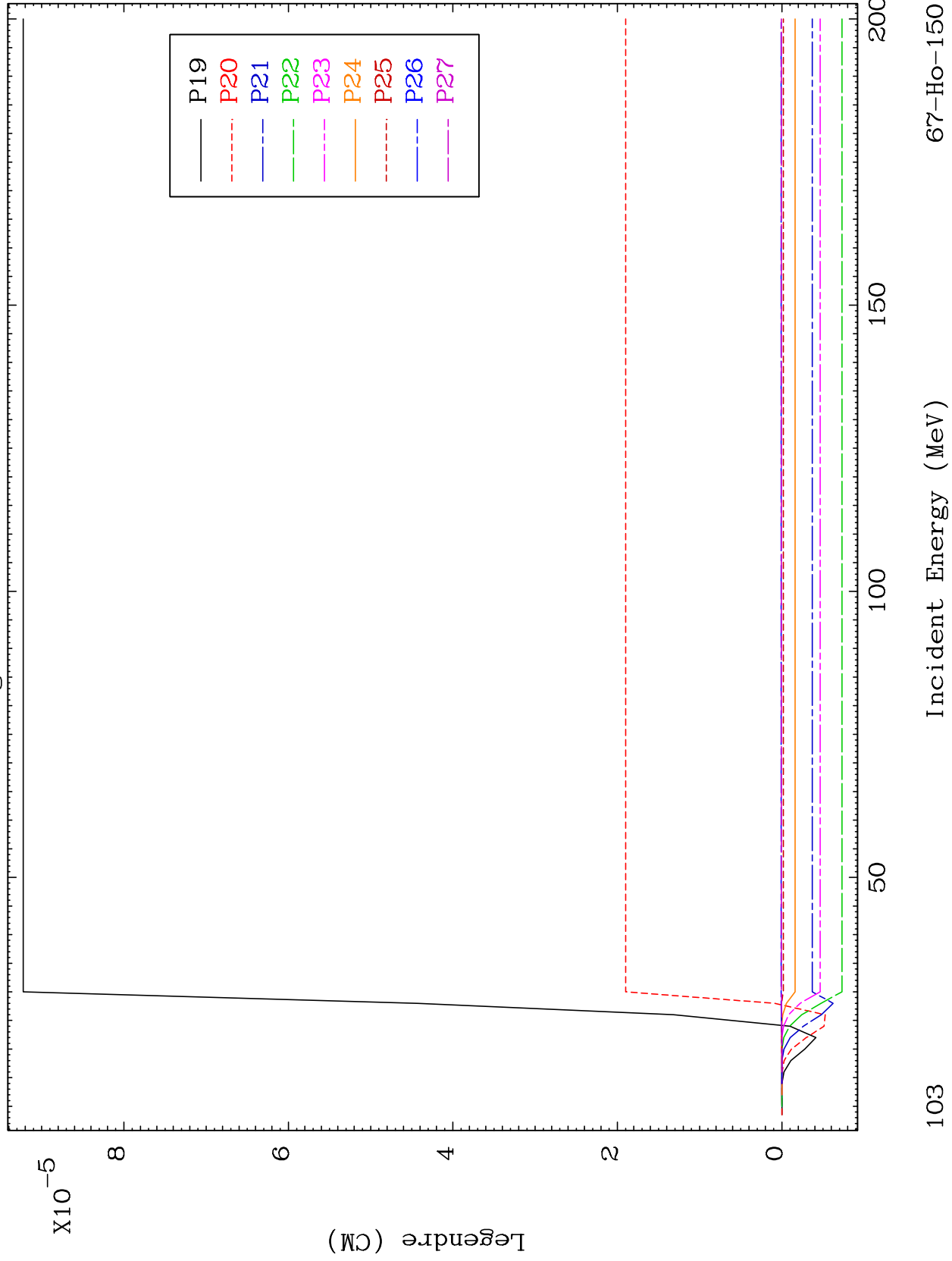
67-Ho-150



MAT 6680

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

67-Ho-150

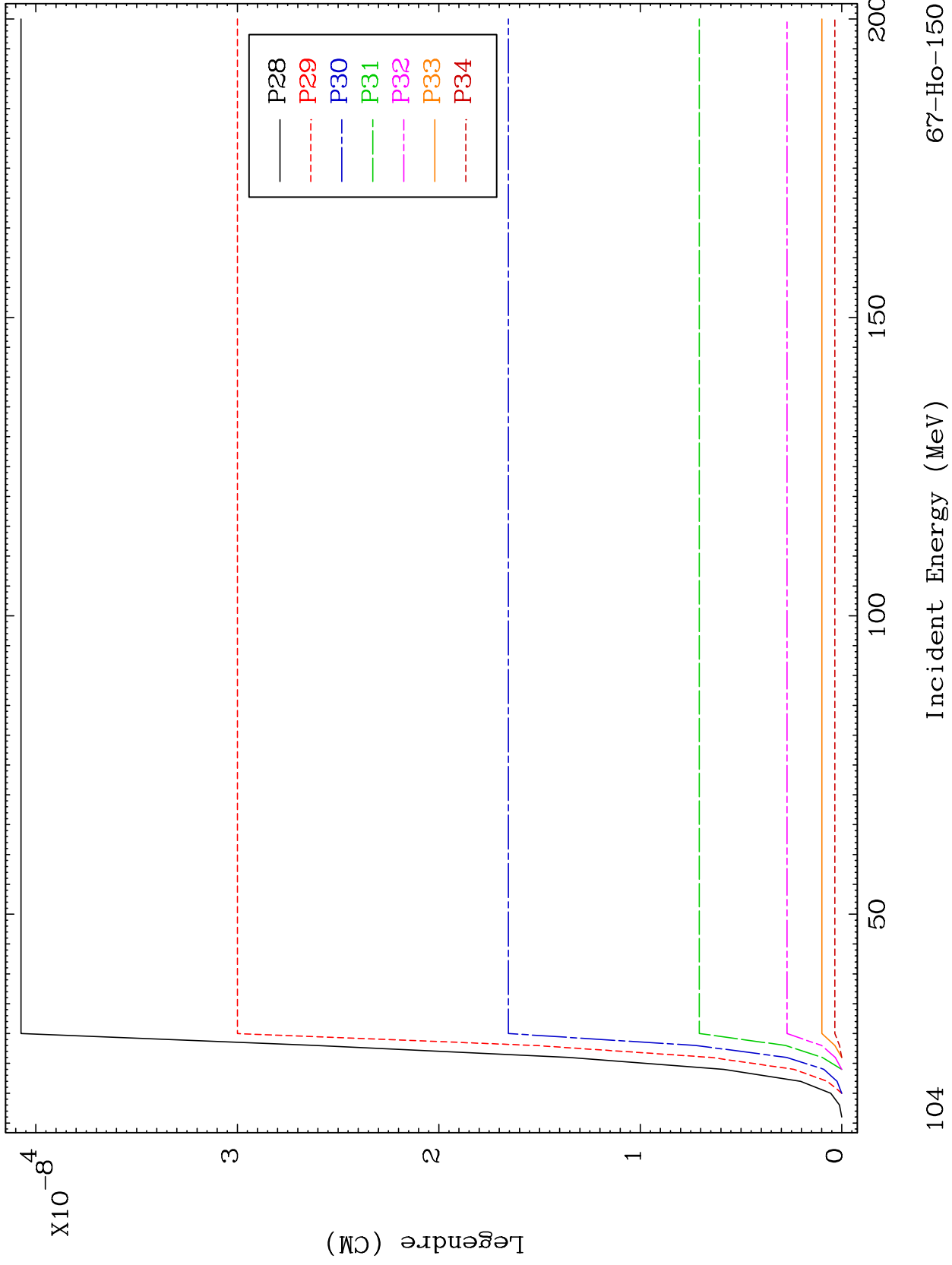




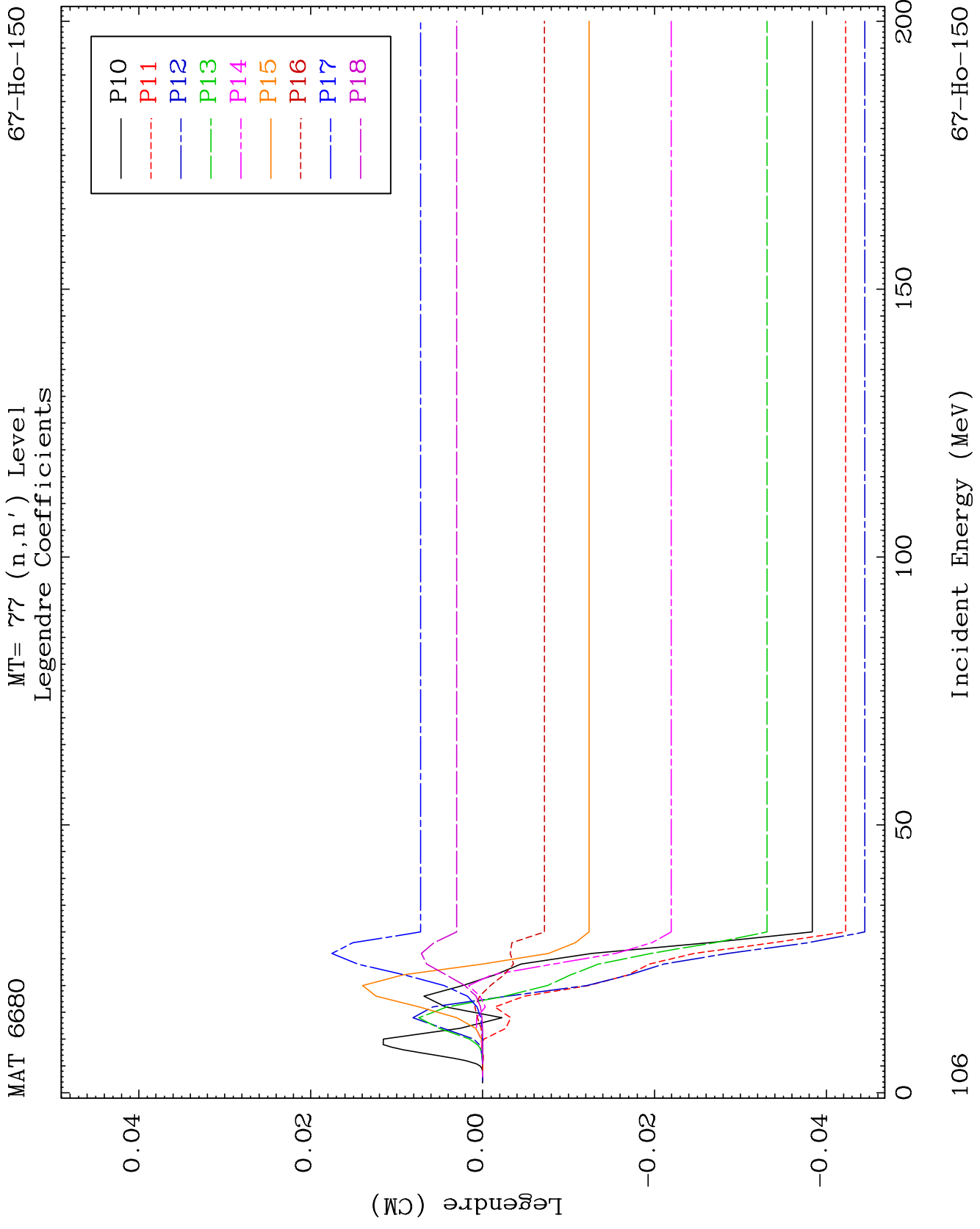
MAT 6680

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

67-Ho-150



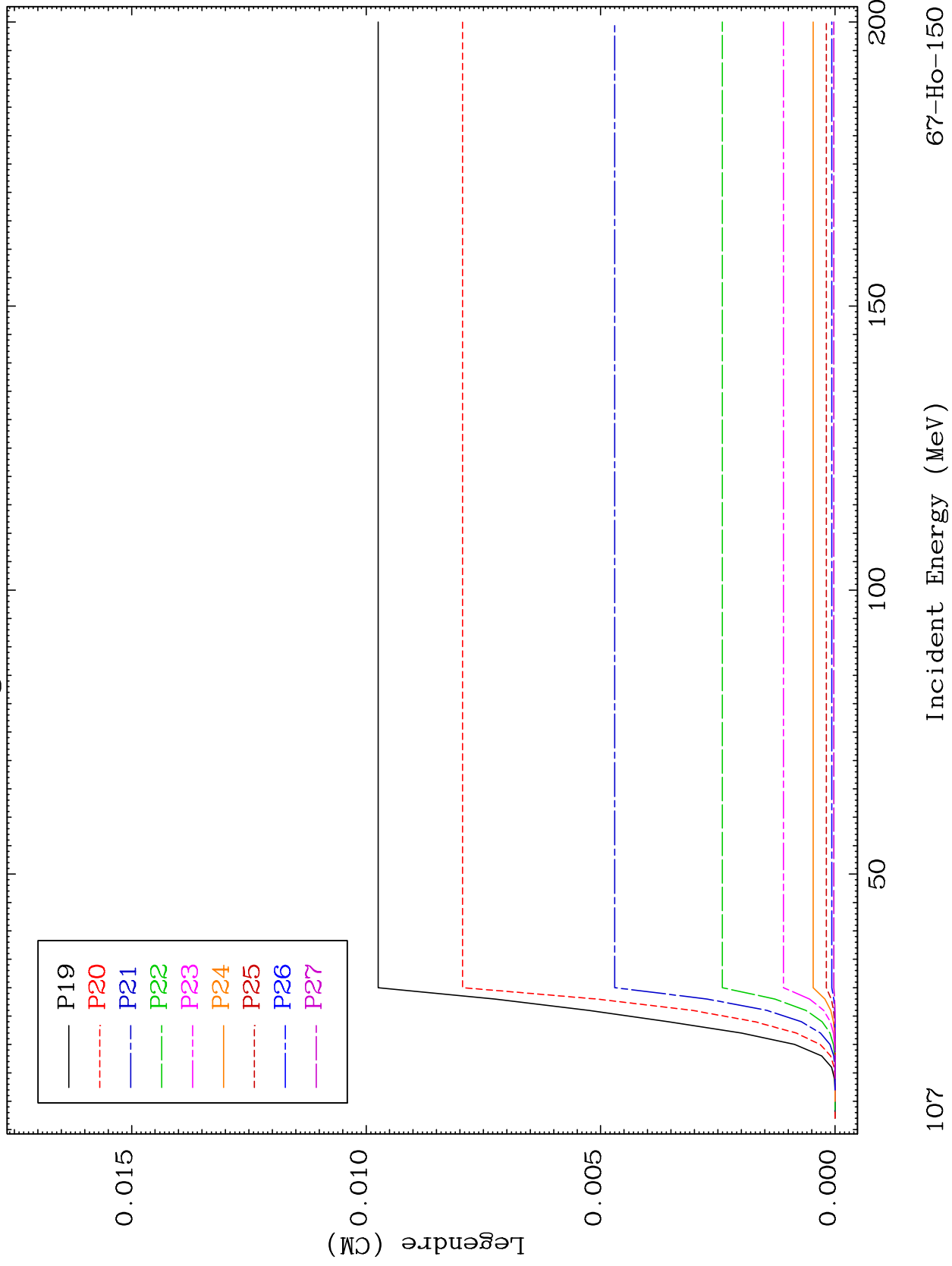




MAT 6680

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

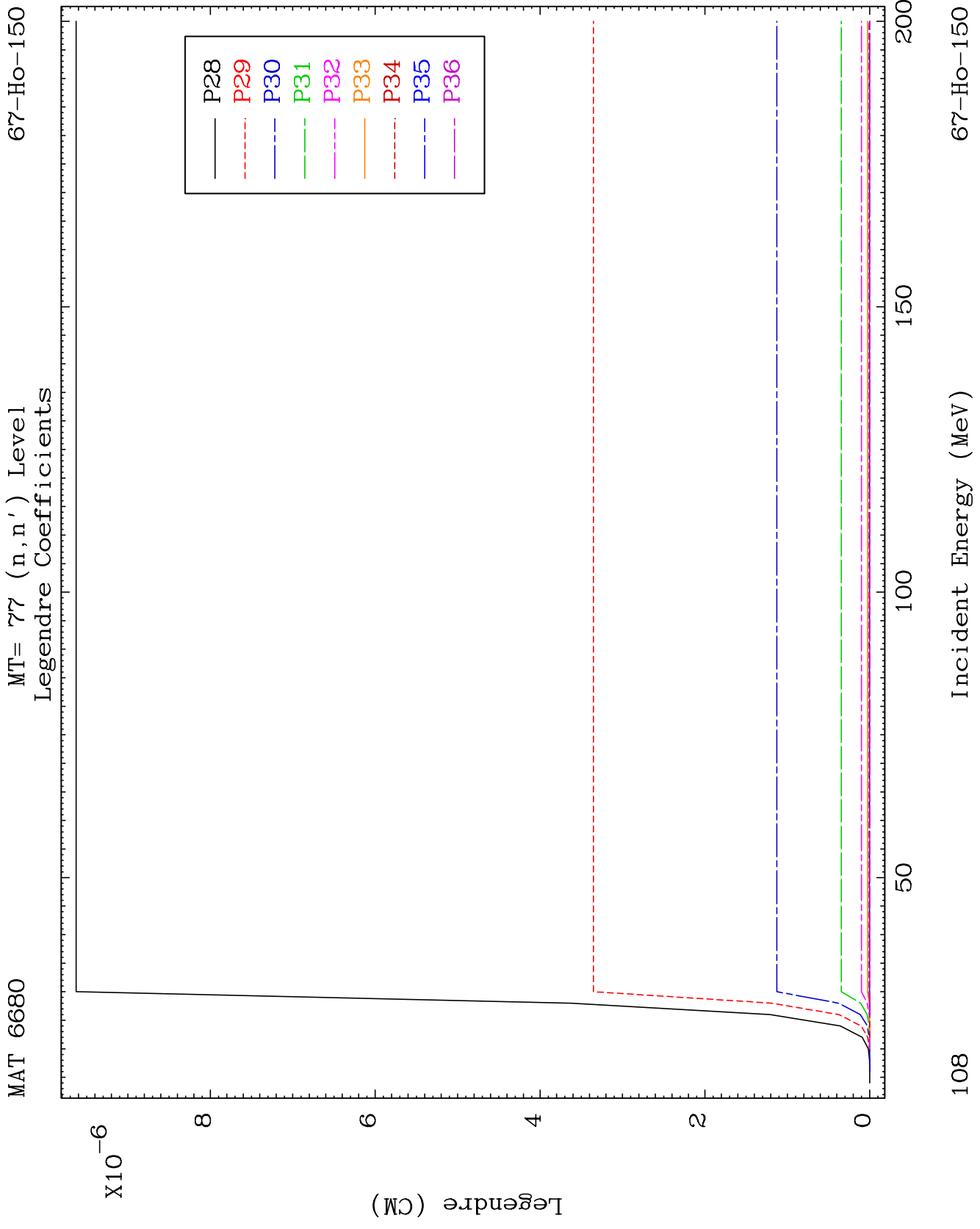
67-Ho-150



107

Incident Energy (MeV)

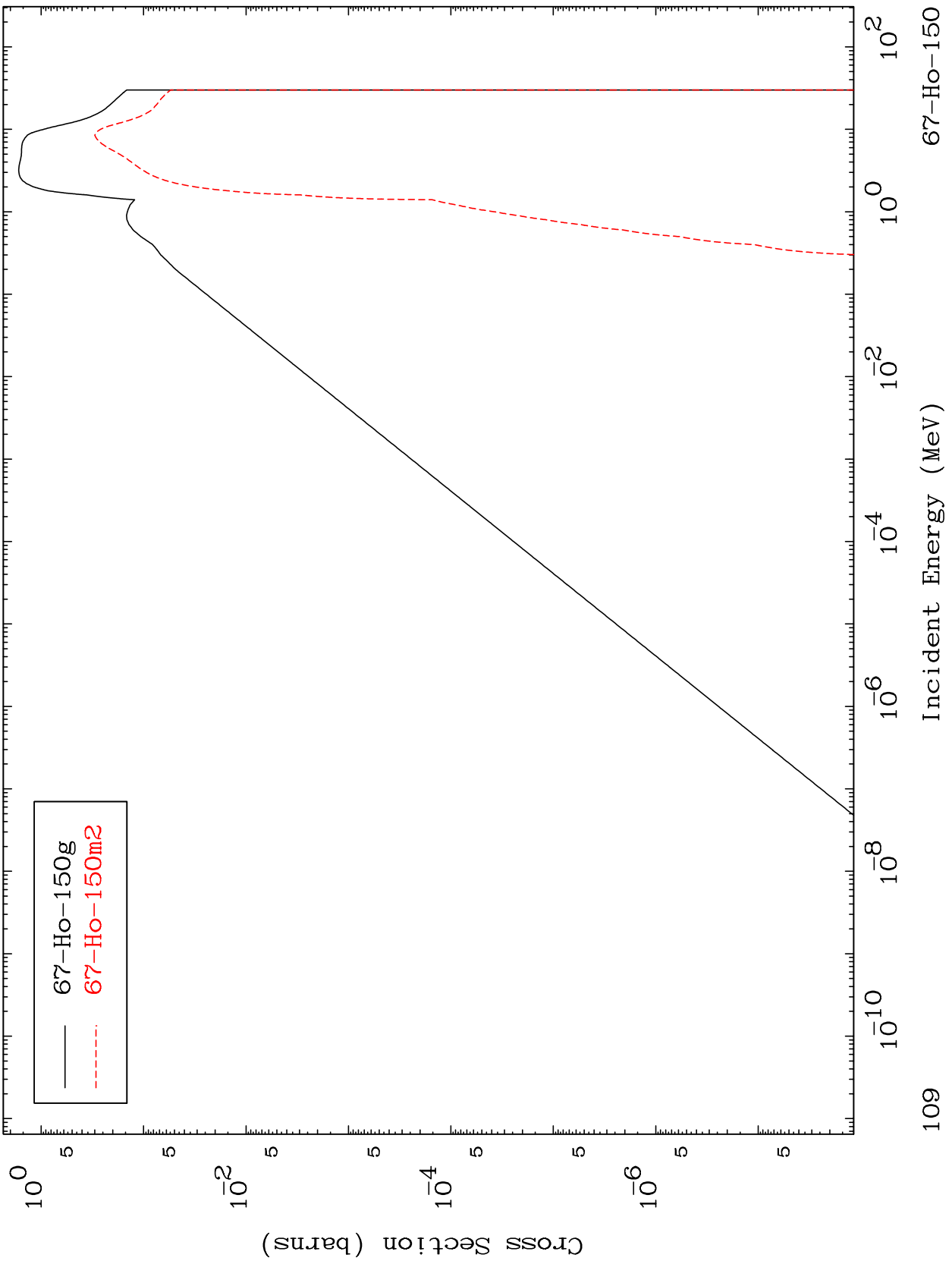
67-Ho-150



MAT 6680

Inelastic  
Radionuclide Production Cross Section

<sup>67</sup>Ho-150

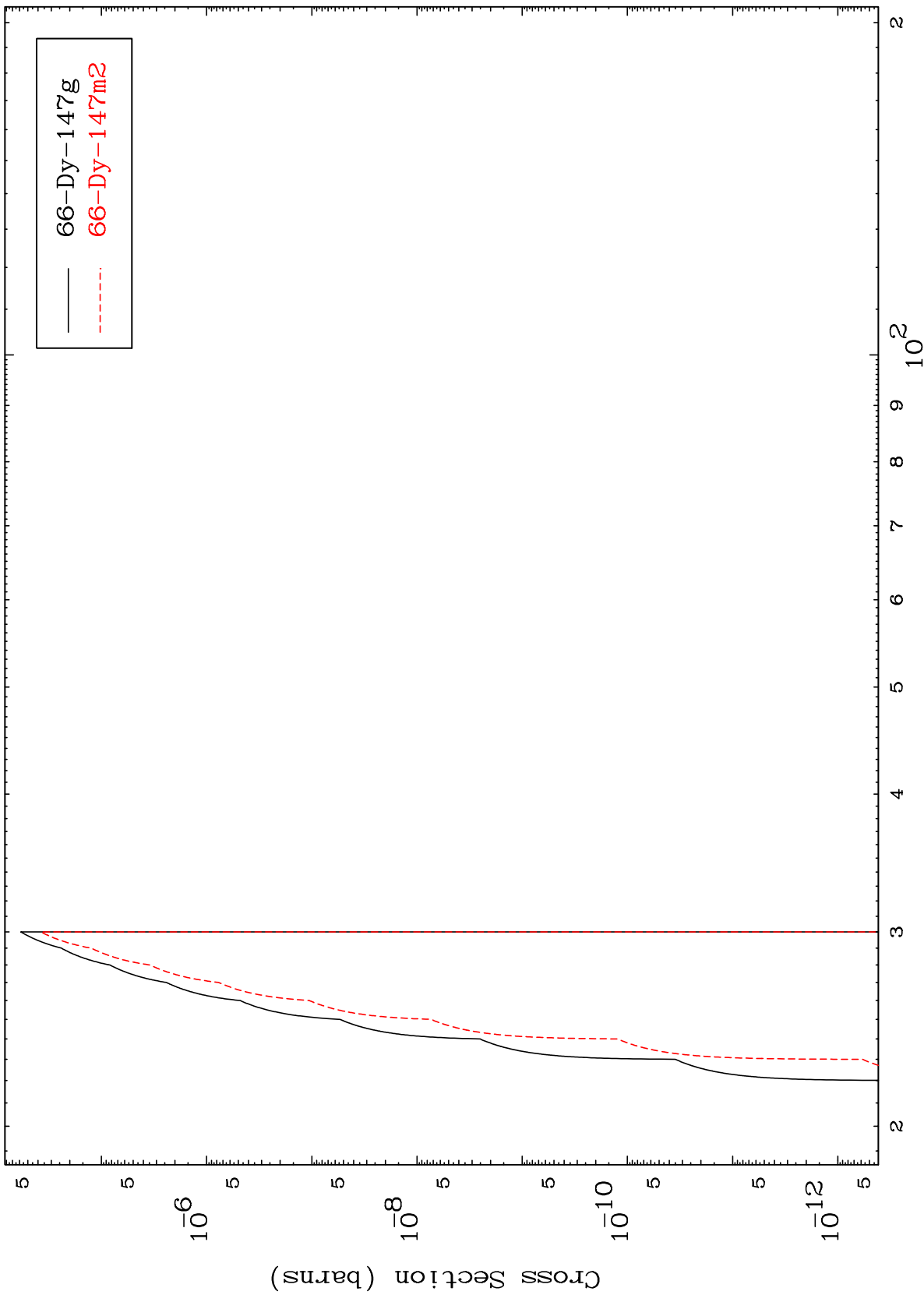


MAT 6680

(n,2n) d

67-Ho-150

Radionuclide Production Cross Section



110

Incident Energy (MeV)

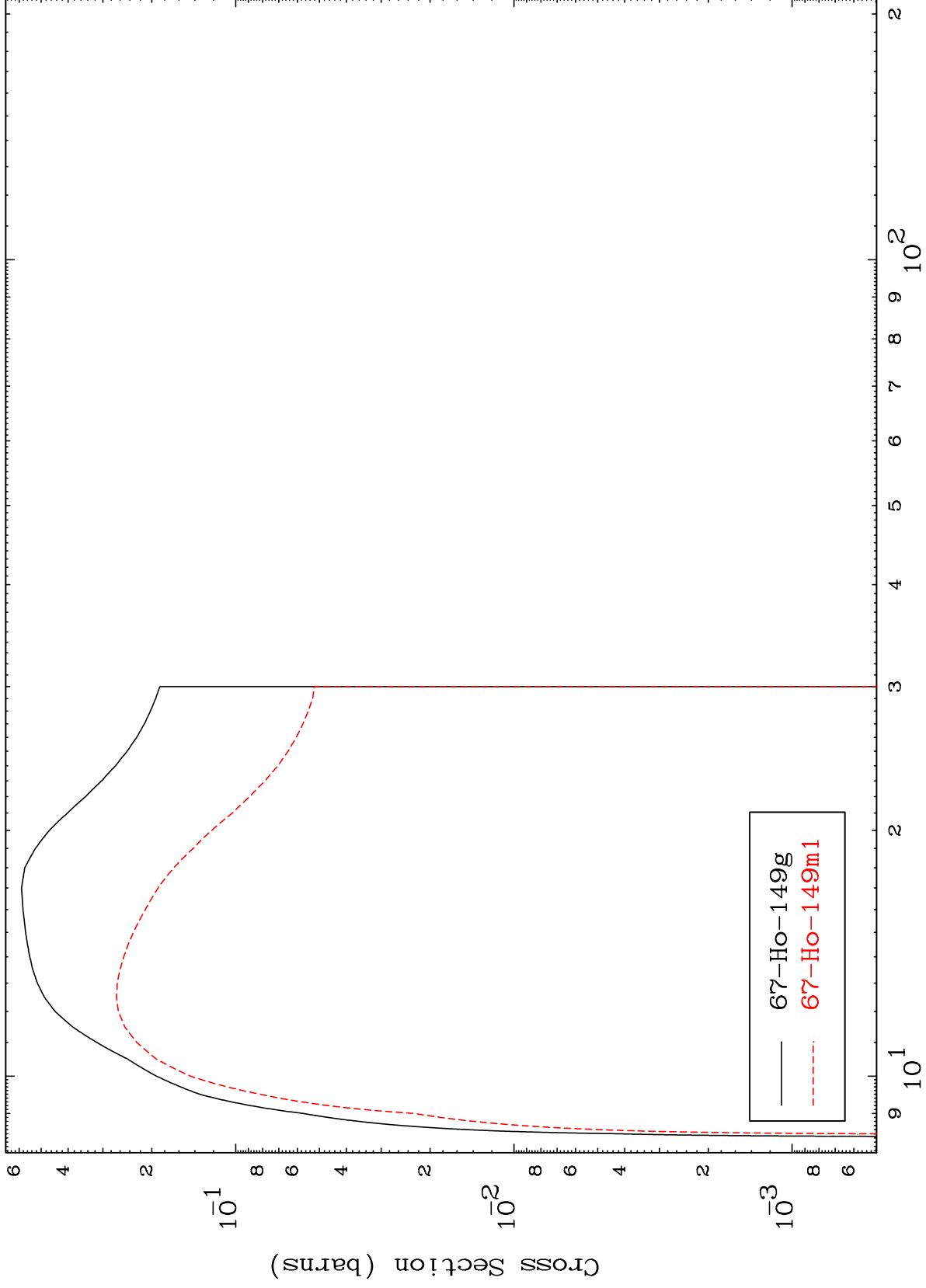
67-Ho-150

MAT 6680

(n,2n)

67-Ho-150

Radionuclide Production Cross Section



111

Incident Energy (MeV)

67-Ho-150

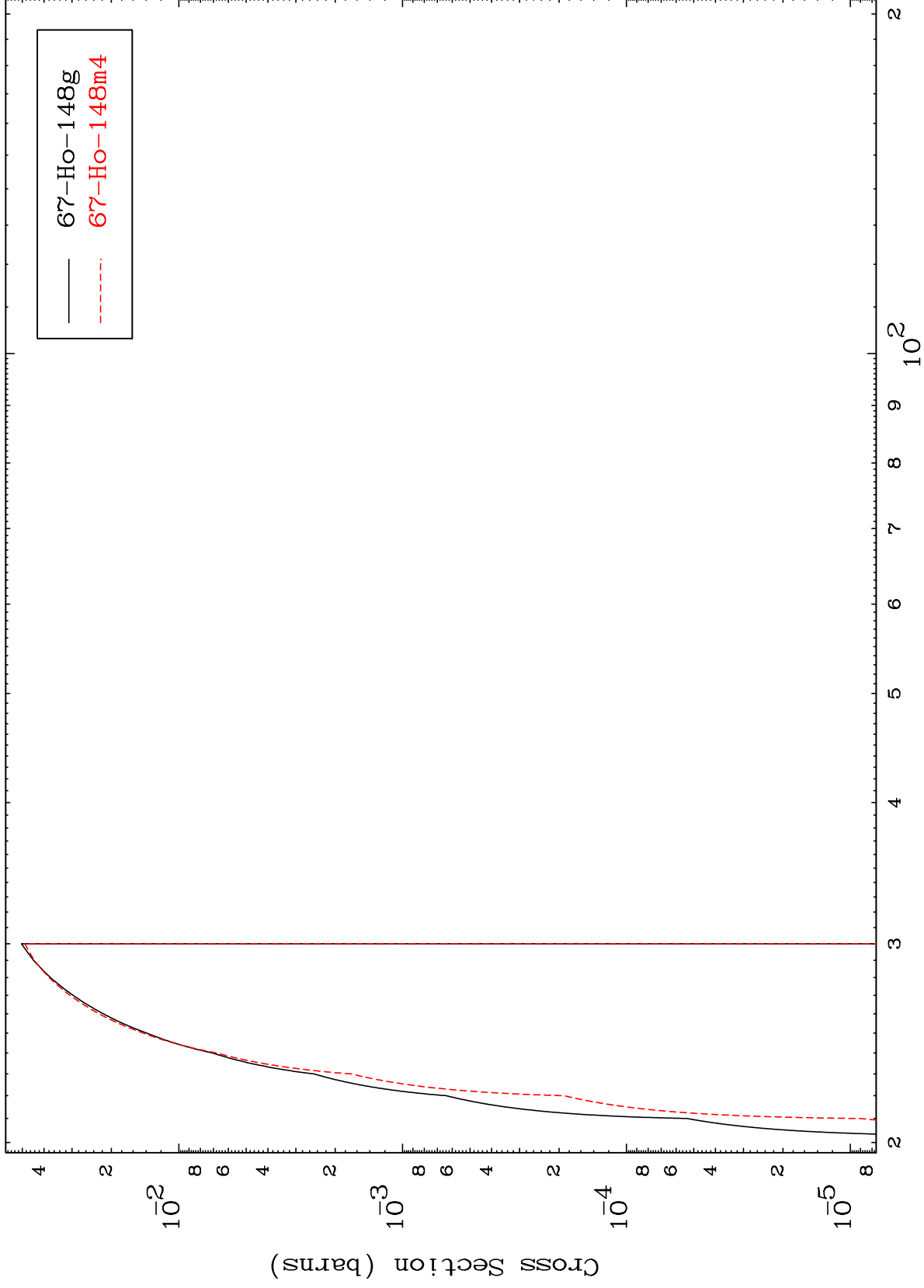


MAT 6680

(n,3n)

67-Ho-150

Radionuclide Production Cross Section



112

Incident Energy (MeV)

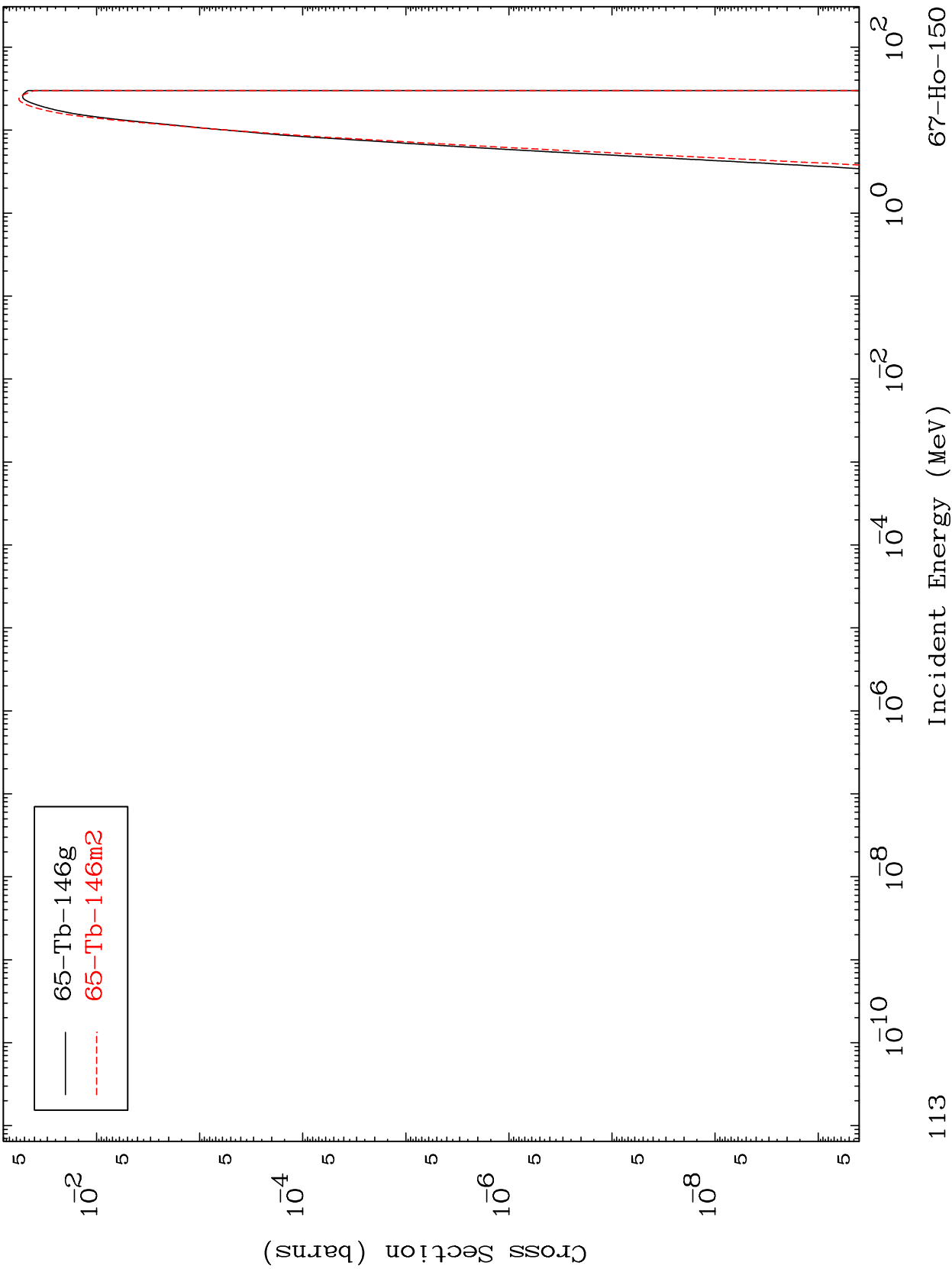
67-Ho-150

MAT 6680

$(n, n')$   $\alpha$

67-Ho-150

Radionuclide Production Cross Section



113

Incident Energy (MeV)

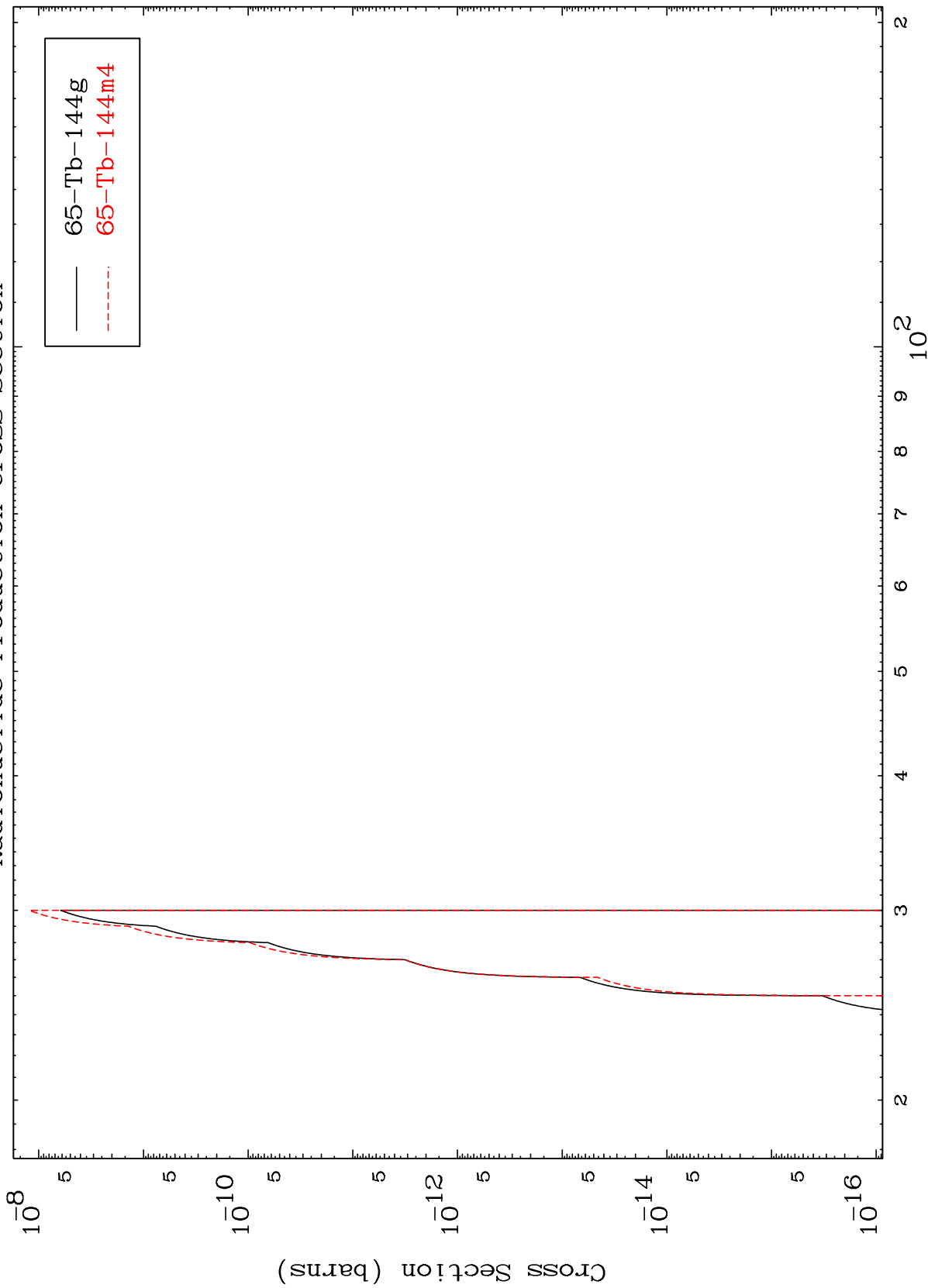
67-Ho-150

MAT 6680

$(n,3n) \alpha$

67-Ho-150

Radionuclide Production Cross Section



114

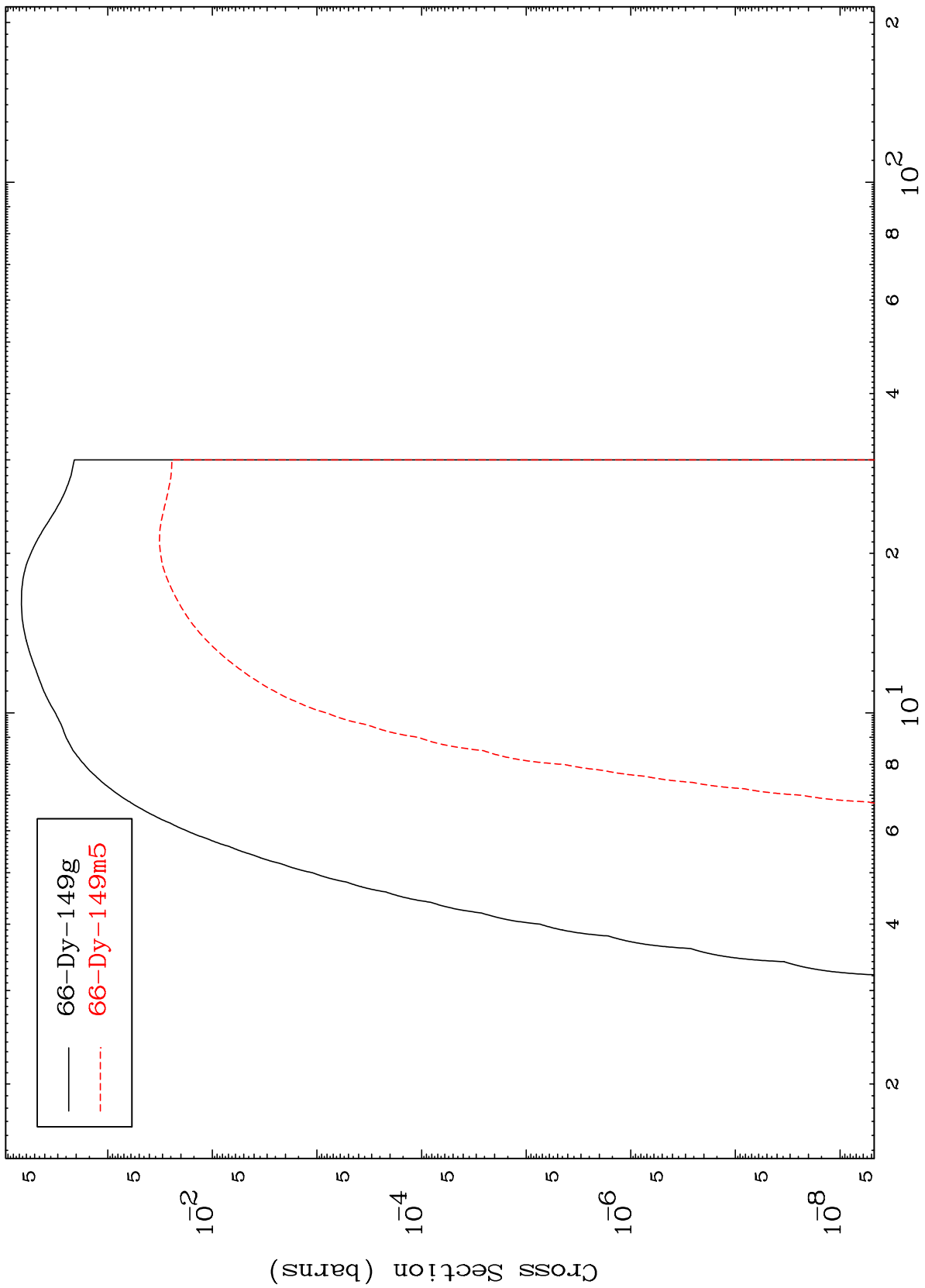
Incident Energy (MeV)

67-Ho-150

MAT 6680

67-Ho-150

(n,n') p  
Radionuclide Production Cross Section



— 66-Dy-149g  
- - - 66-Dy-149m5

67-Ho-150

Incident Energy (MeV)

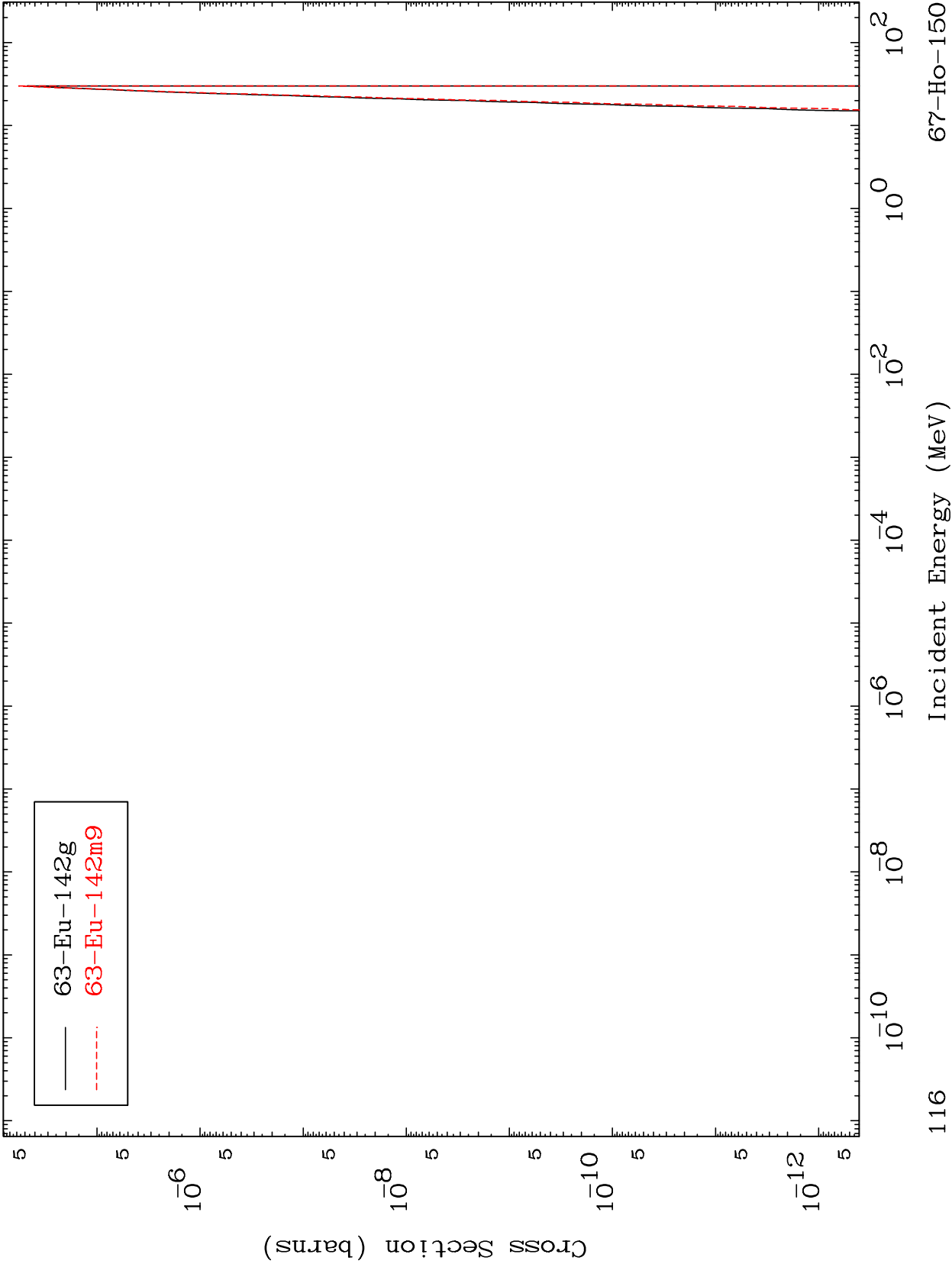
115

MAT 6680

(n,n') 2α

67-Ho-150

Radionuclide Production Cross Section

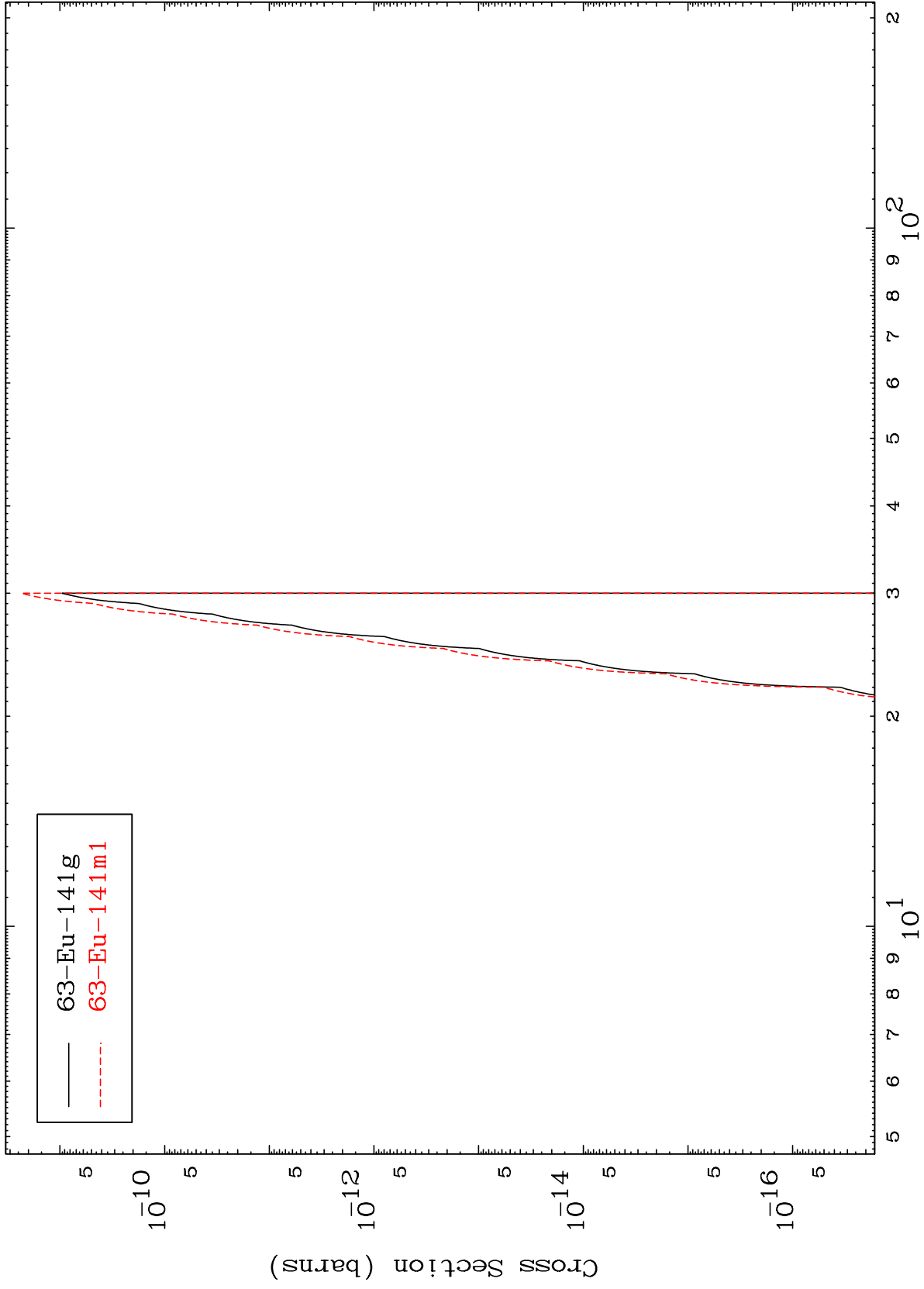


MAT 6680

$^{67}\text{Ho-150}$

$(n,2n) 2\alpha$

Radionuclide Production Cross Section



63-Eu-141g  
63-Eu-141m1

117

Incident Energy (MeV)

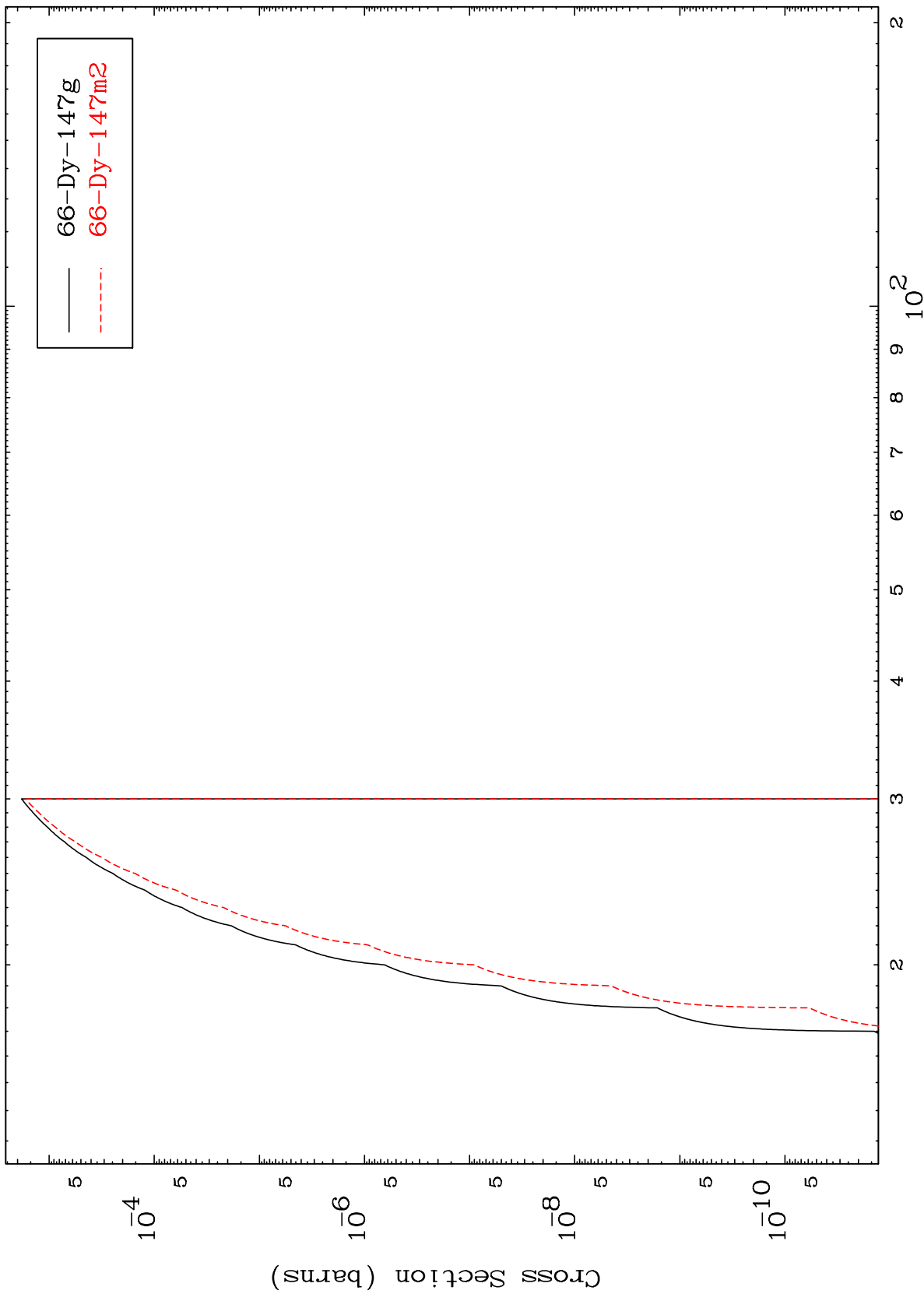
$^{67}\text{Ho-150}$

MAT 6680

(n,n') t

67-Ho-150

Radionuclide Production Cross Section

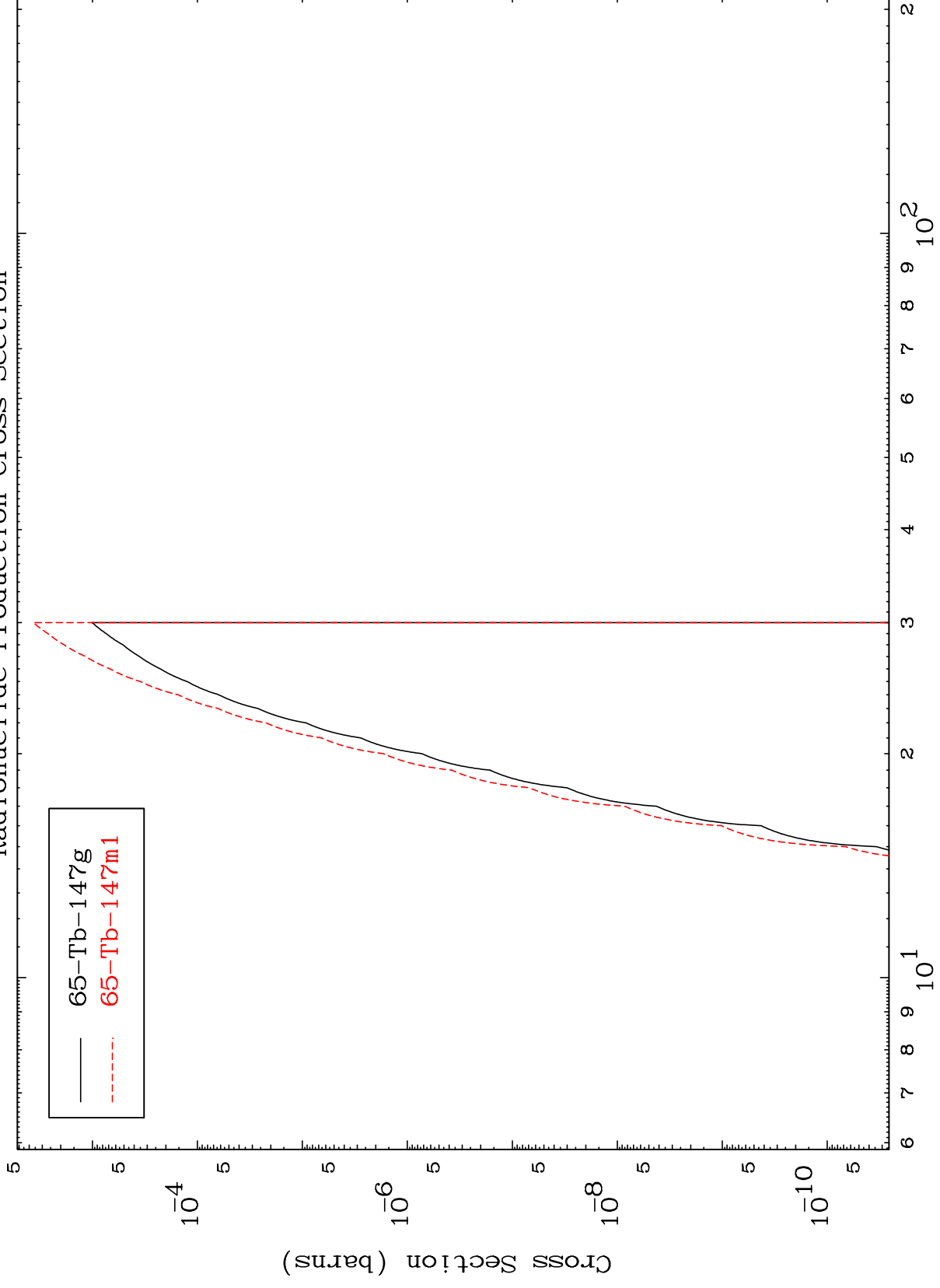


118

Incident Energy (MeV)

67-Ho-150

Radionuclide Production Cross Section



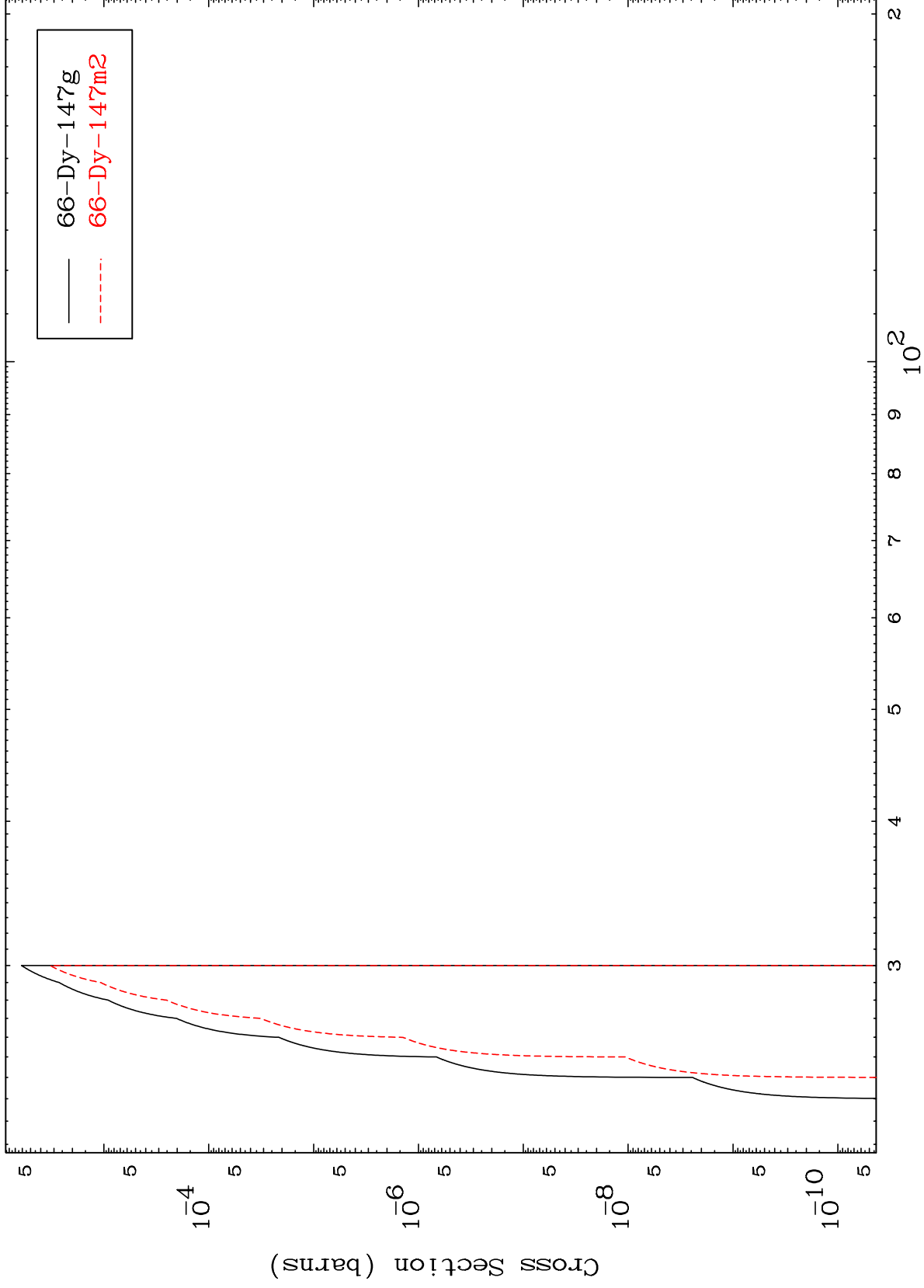


MAT 6680

(n,3n) p

67-Ho-150

Radionuclide Production Cross Section



120

Incident Energy (MeV)

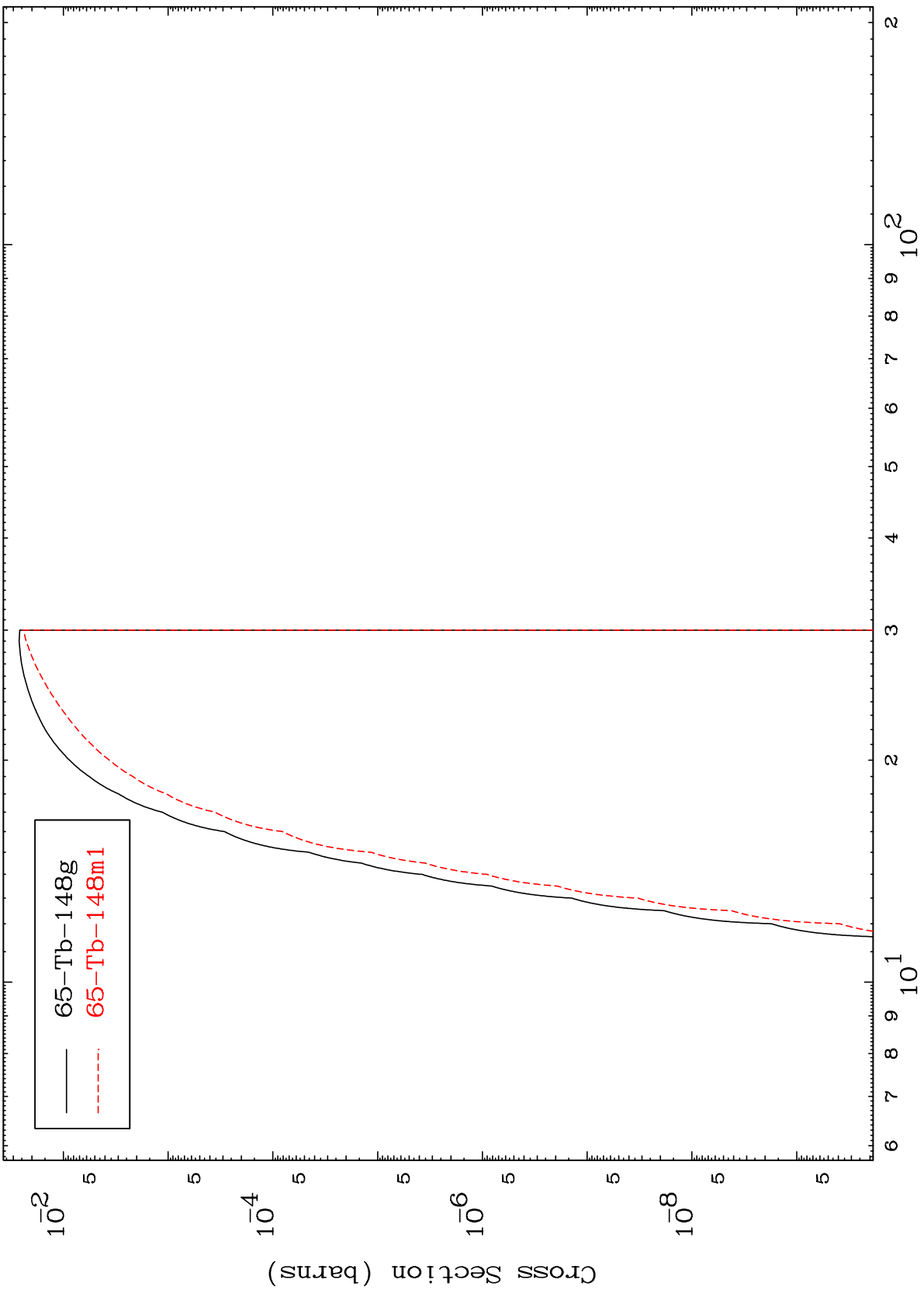
67-Ho-150

MAT 6680

(n,2n) p

67-Ho-150

Radionuclide Production Cross Section



121

Incident Energy (MeV)

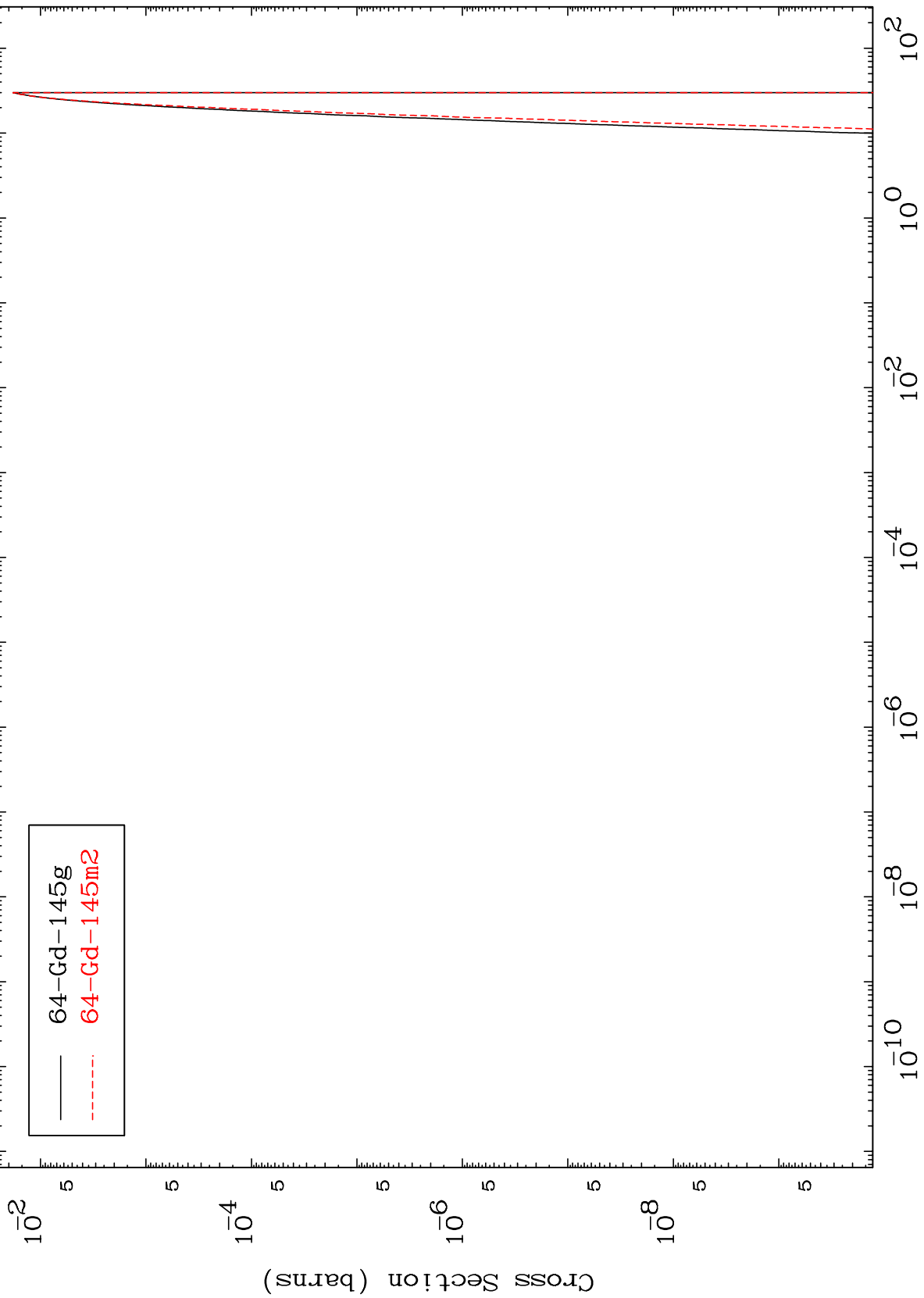
67-Ho-150

MAT 6680

(n,n') p  $\alpha$

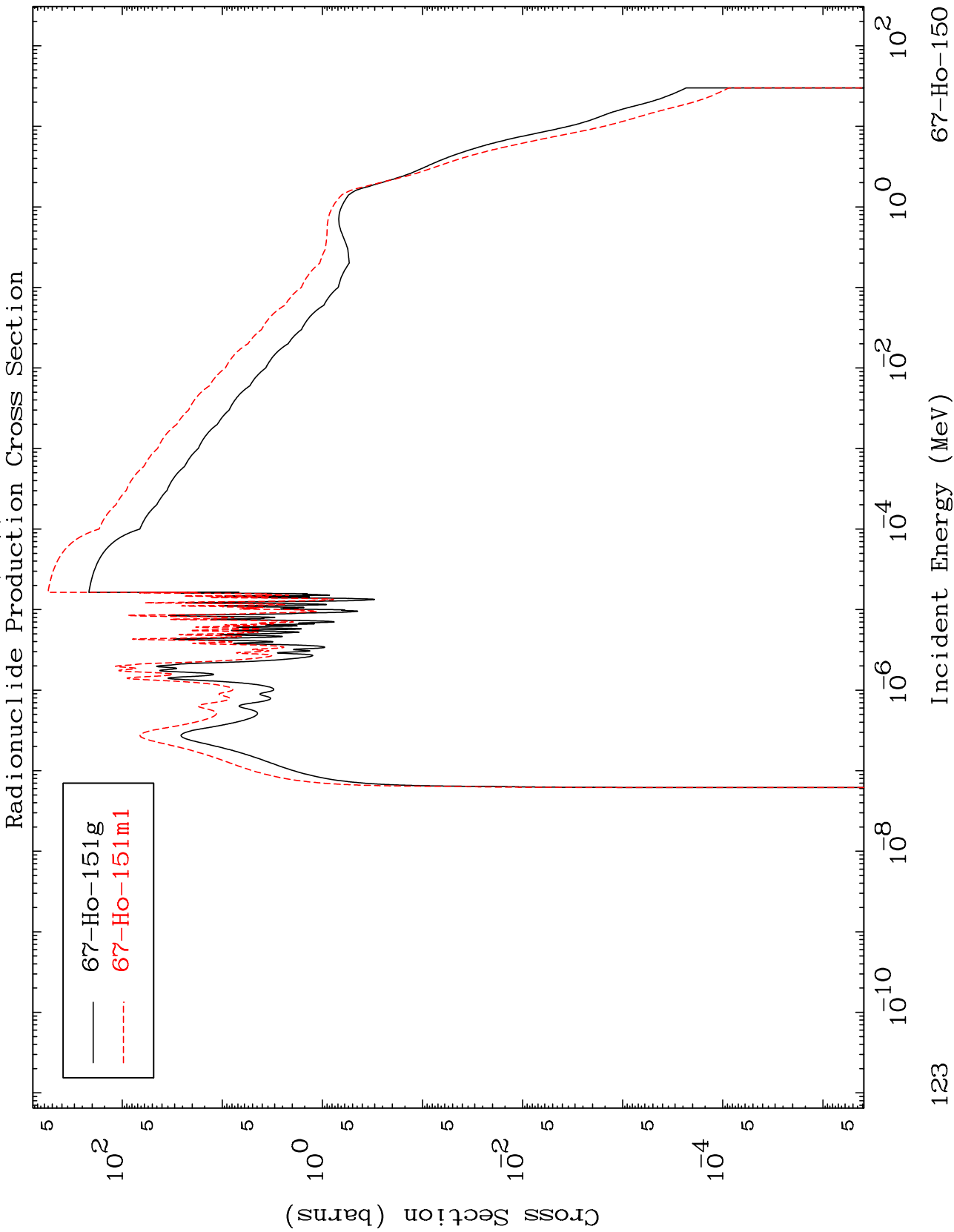
67-Ho-150

Radionuclide Production Cross Section



MAT 6680

$^{67}\text{Ho-150}$

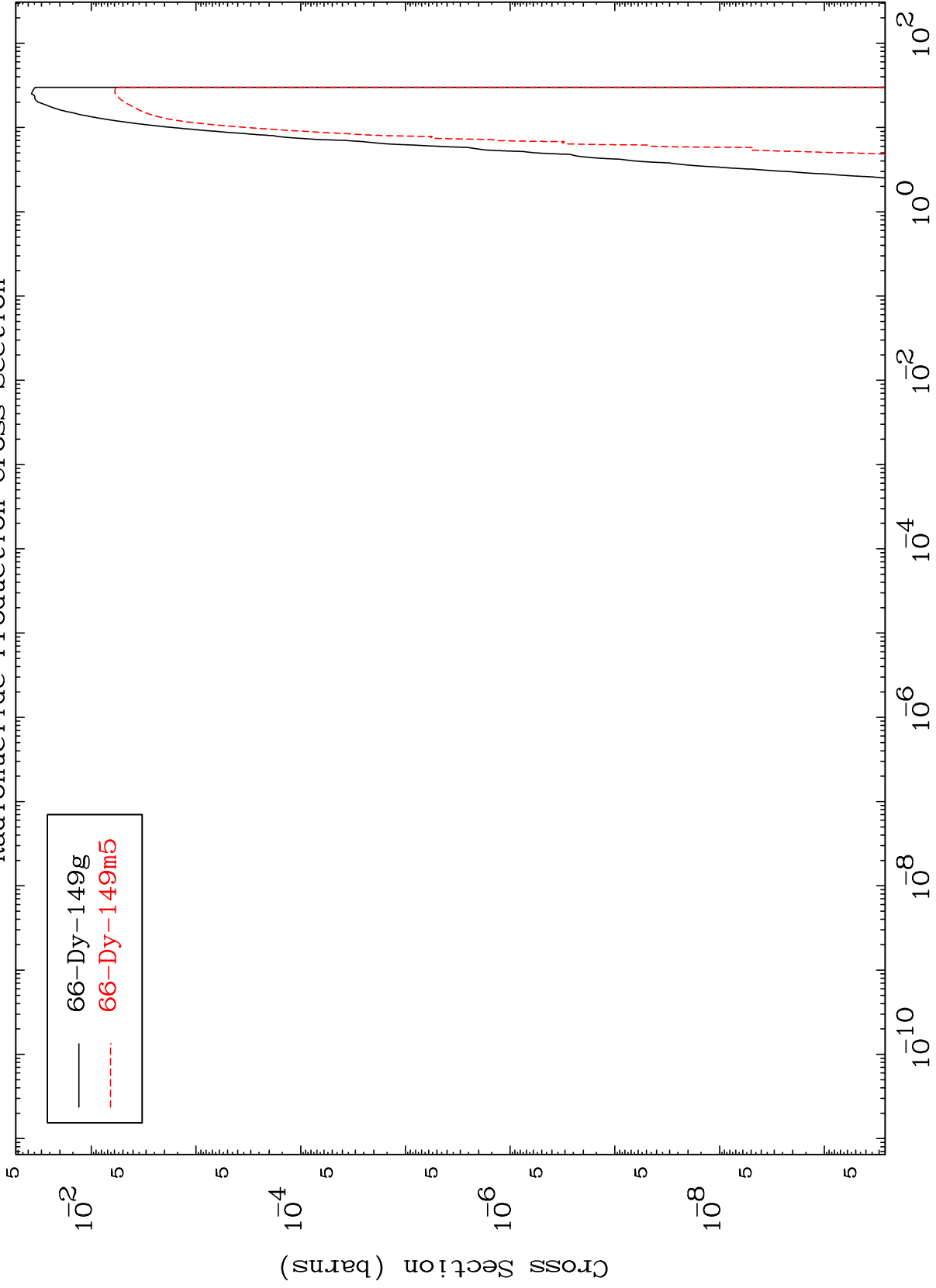


MAT 6680

(n,d)

67-Ho-150

Radionuclide Production Cross Section



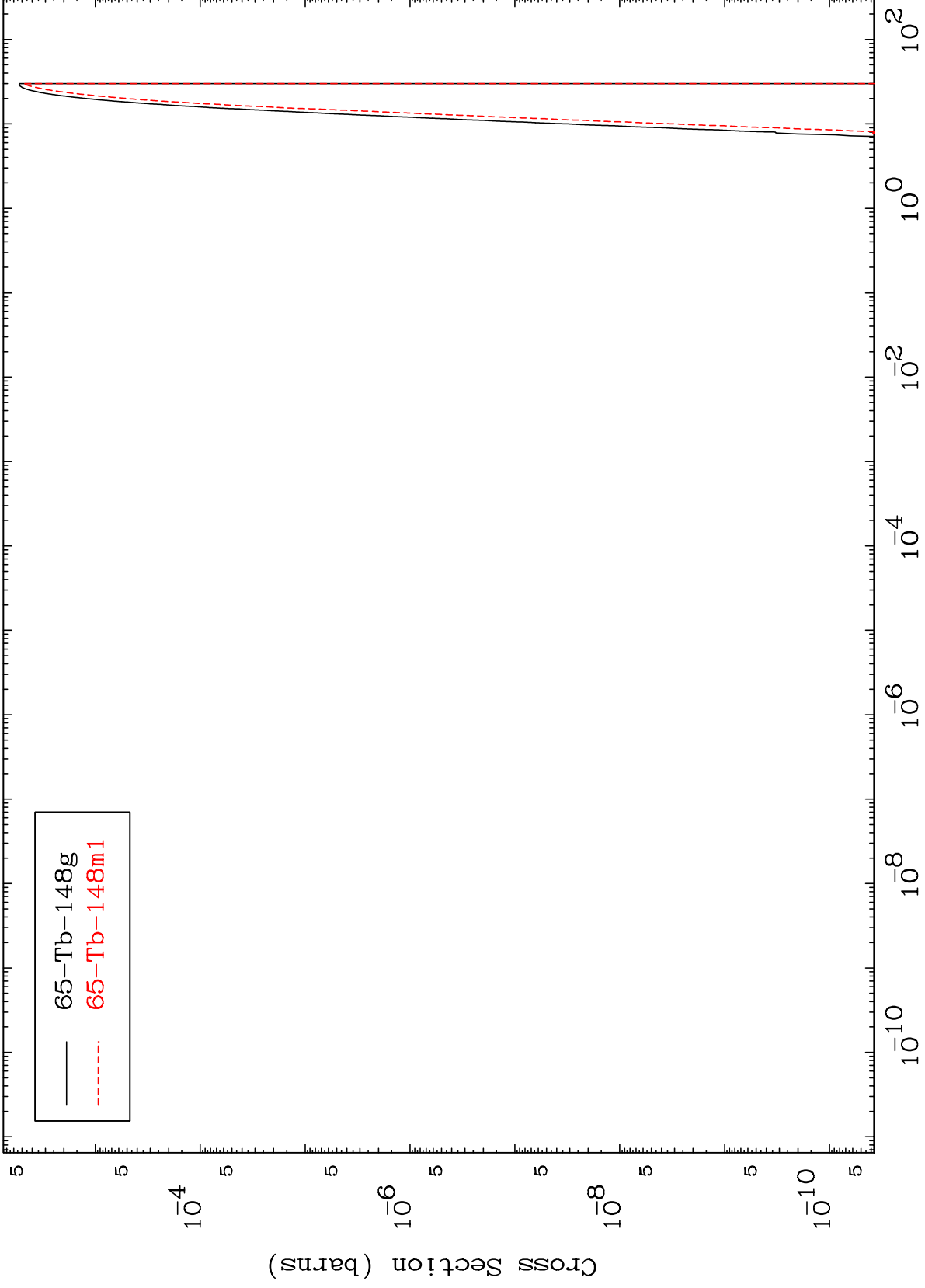
— 66-Dy-149g  
- - - 66-Dy-149m5

MAT 6680

(n,He-3)

67-Ho-150

Radionuclide Production Cross Section



65-Tb-148g  
65-Tb-148m1

125

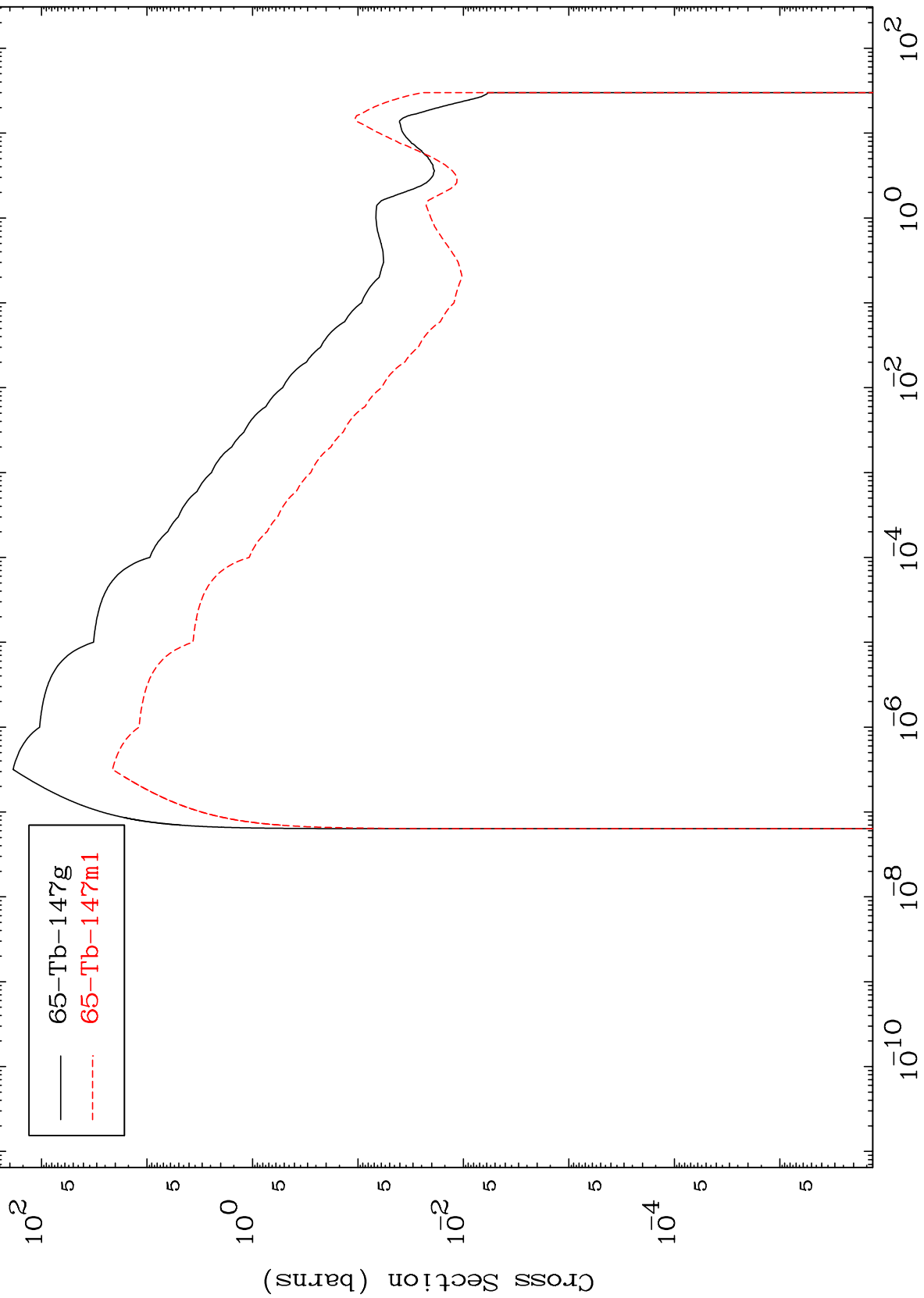
Incident Energy (MeV)

67-Ho-150

MAT 6680

67-Ho-150

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



65-Tb-147g  
65-Tb-147m1

67-Ho-150

Incident Energy (MeV)

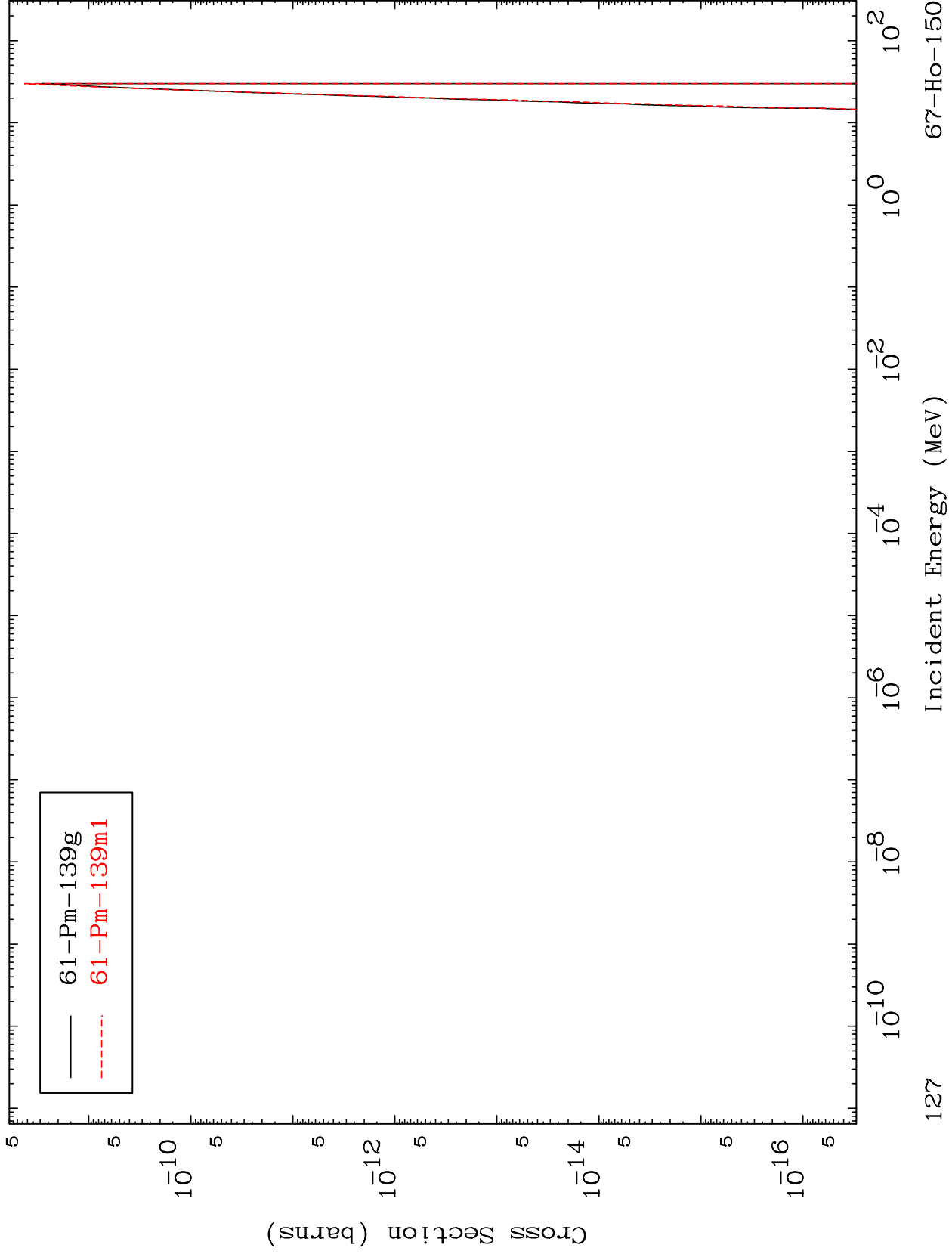
126

MAT 6680

(n,3α)

67-Ho-150

Radionuclide Production Cross Section



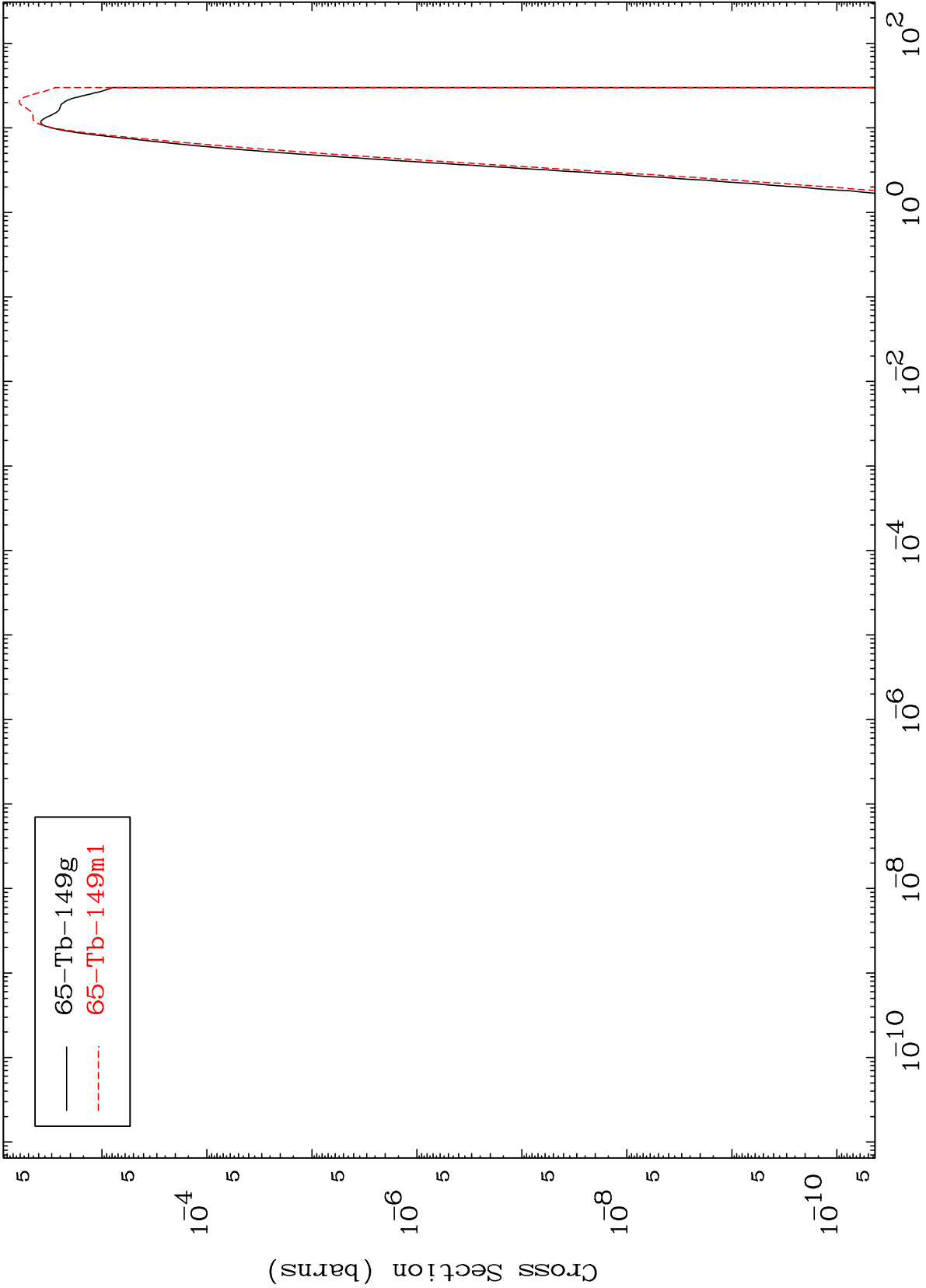


MAT 6680

(n,2p)

67-Ho-150

Radionuclide Production Cross Section



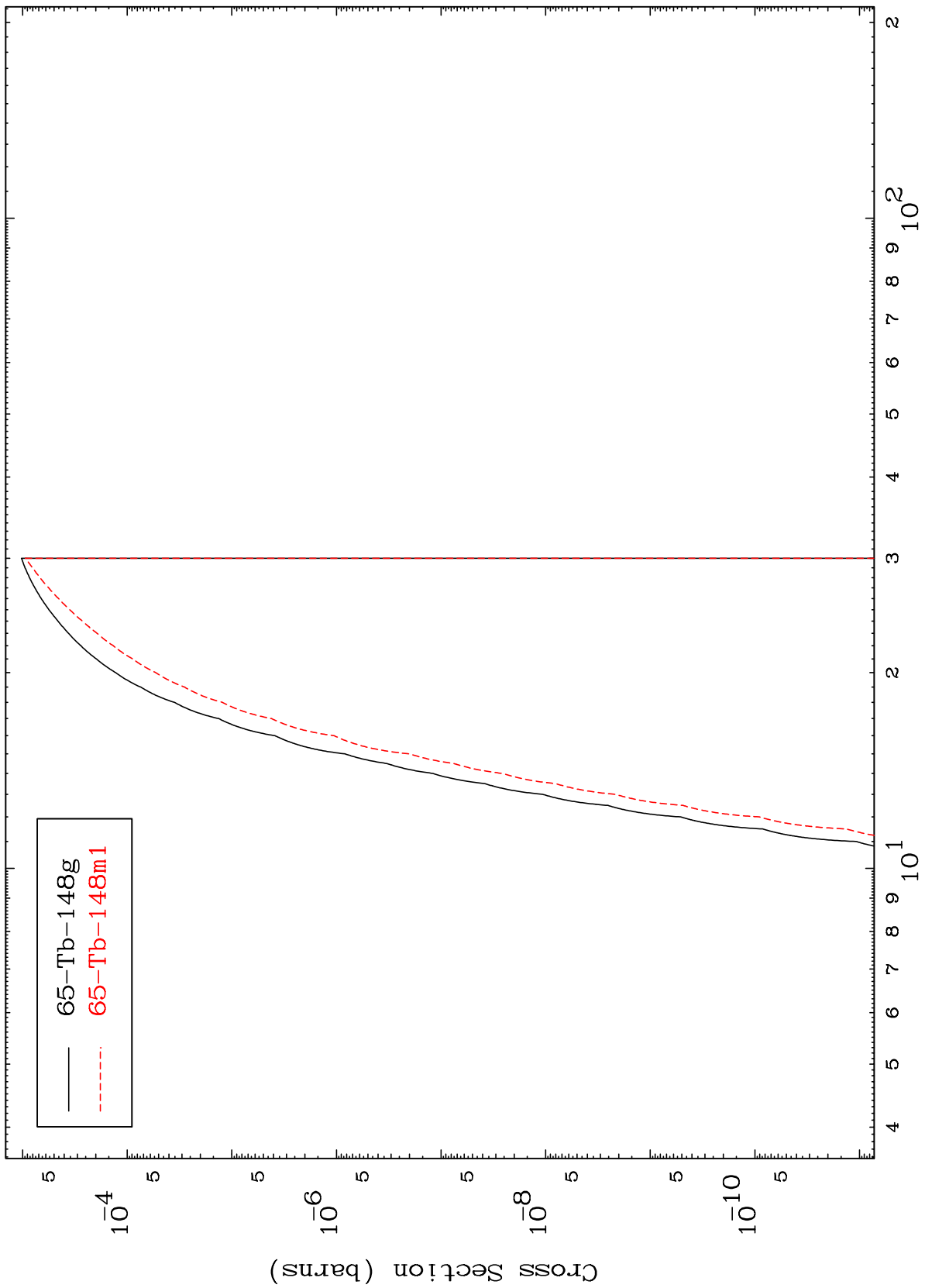
65-Tb-149g  
65-Tb-149m1

MAT 6680

(n,p) d

67-Ho-150

Radionuclide Production Cross Section



65-Tb-148g  
65-Tb-148m1

129

Incident Energy (MeV)

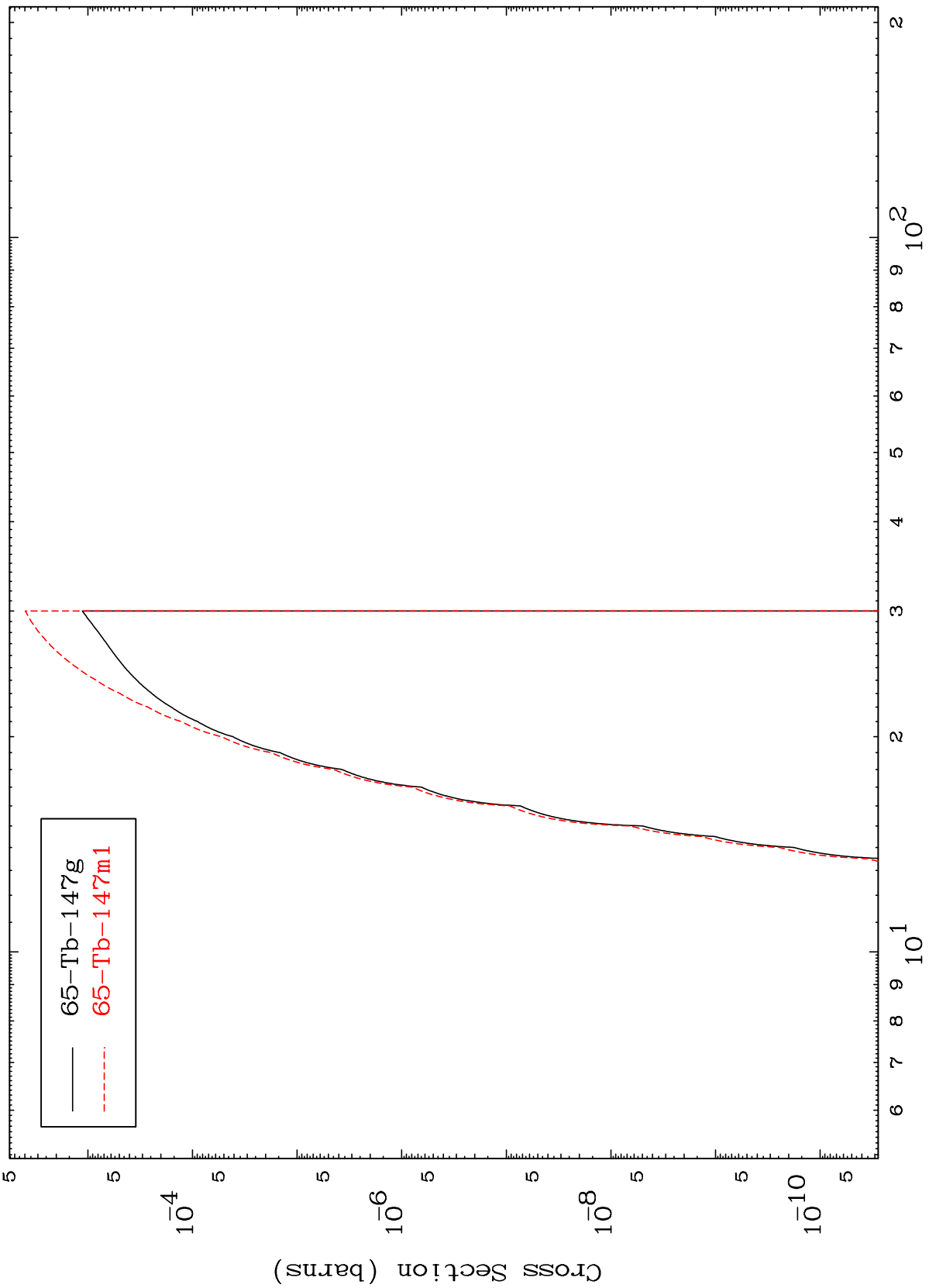
67-Ho-150

MAT 6680

(n,p) t

67-Ho-150

Radionuclide Production Cross Section



130

Incident Energy (MeV)

67-Ho-150

MAT 6680

(n,d)  $\alpha$

67-Ho-150

Radionuclide Production Cross Section

