

Program EVALPLOT  
(Version 2015-2)

by

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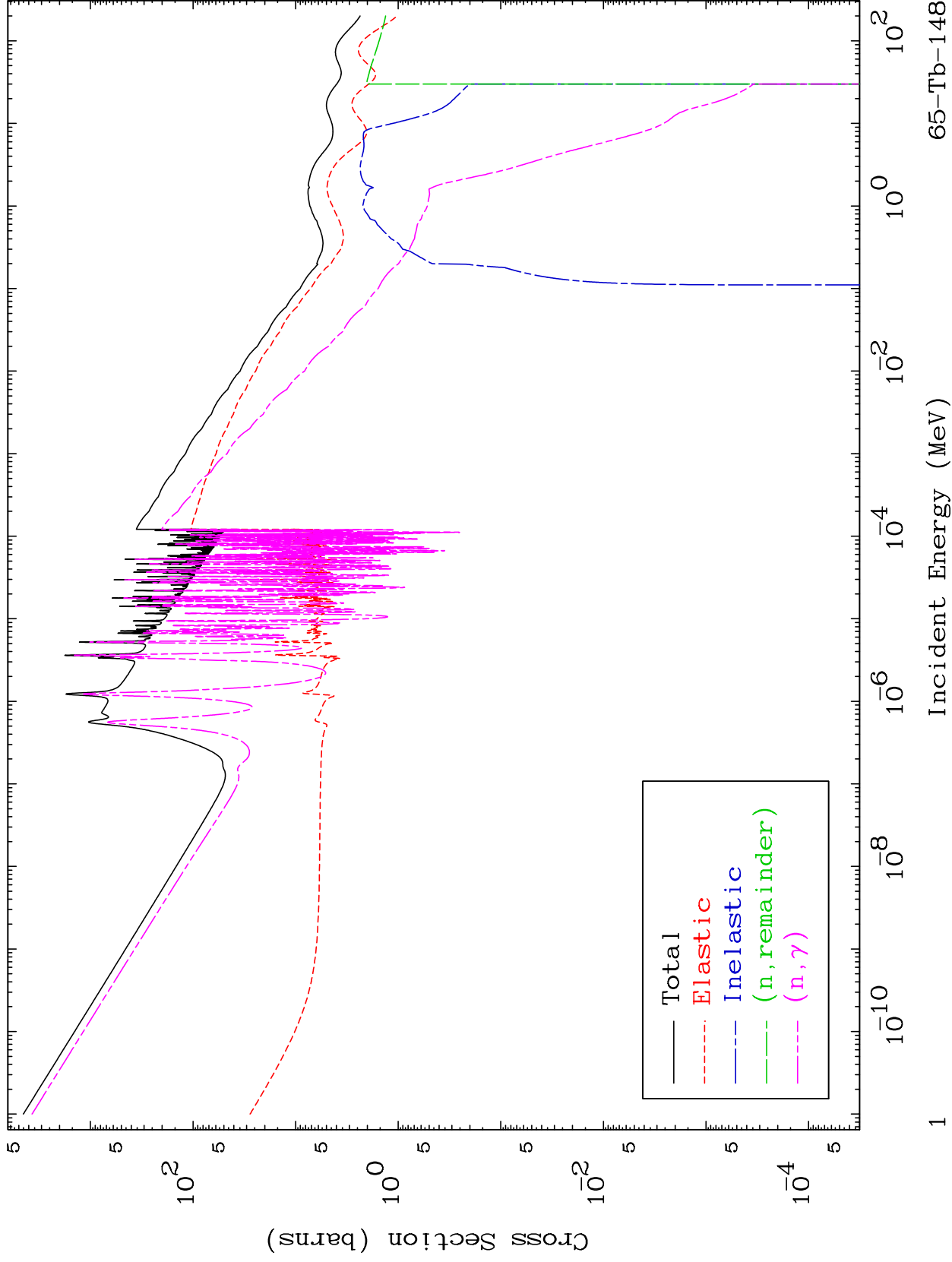
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6492

Major  
293 Kelvin Cross Sections

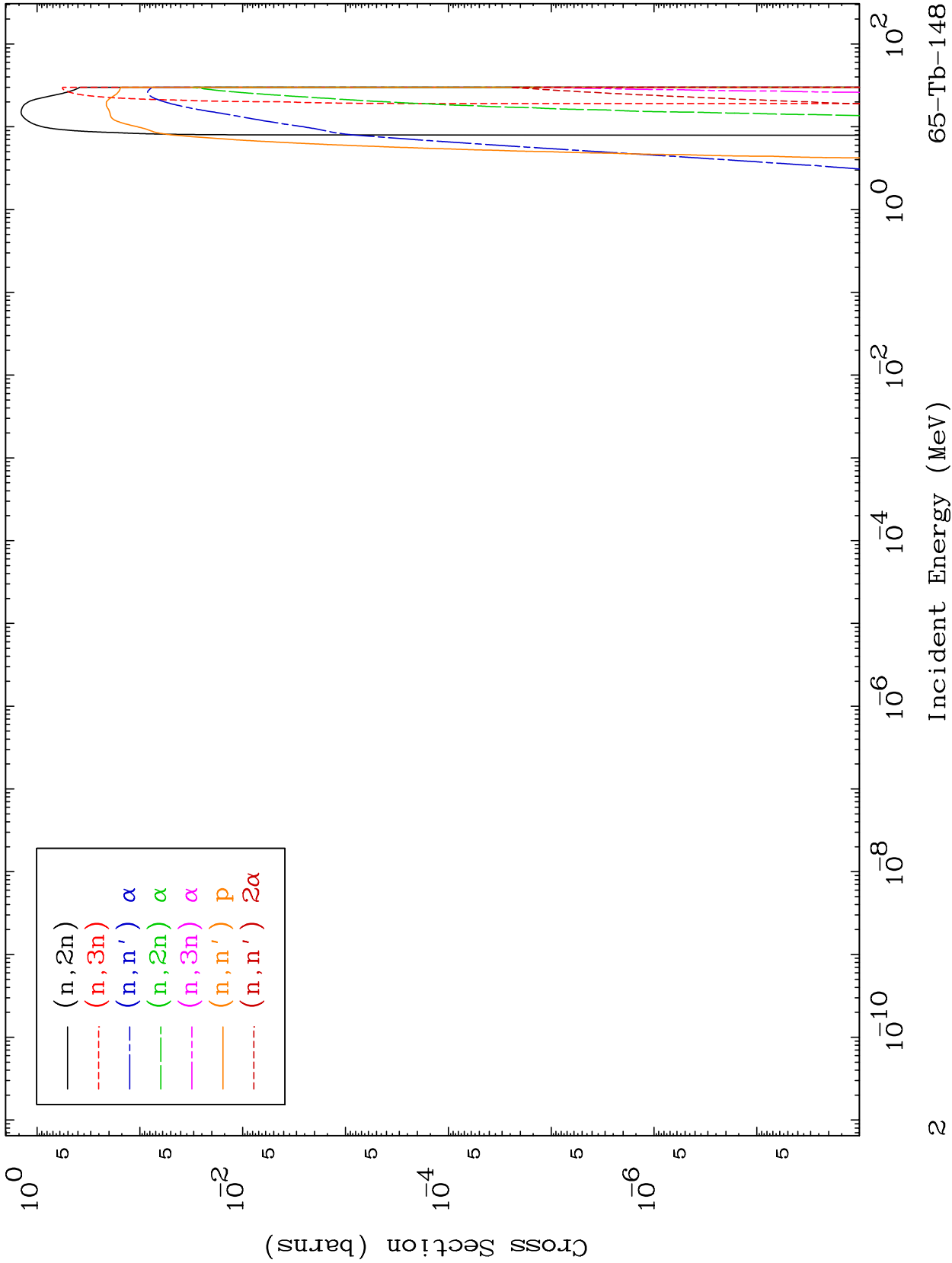
65-Tb-148

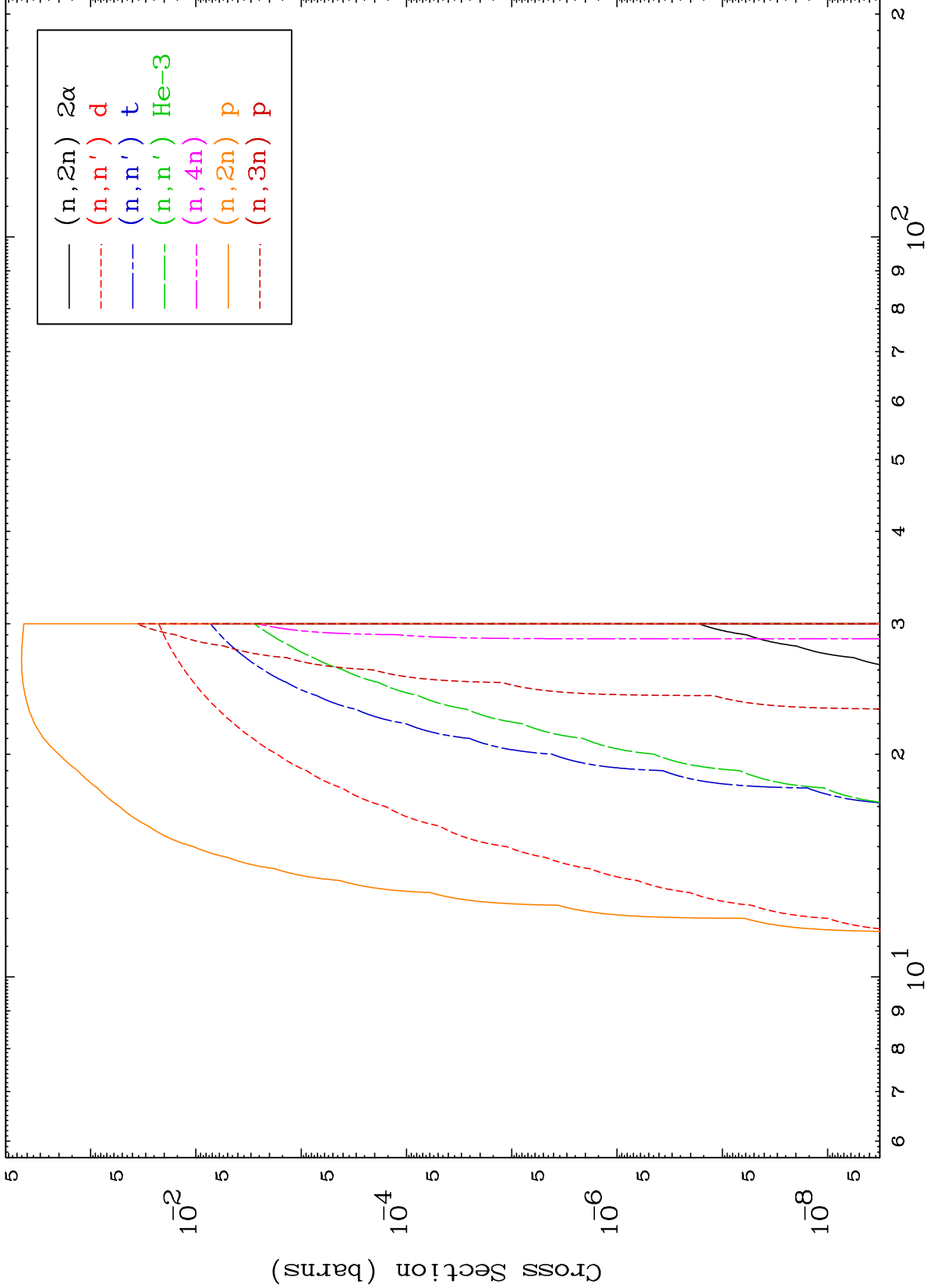


MAT 6492

Neutron Production  
293 Kelvin Cross Sections

65-Tb-148

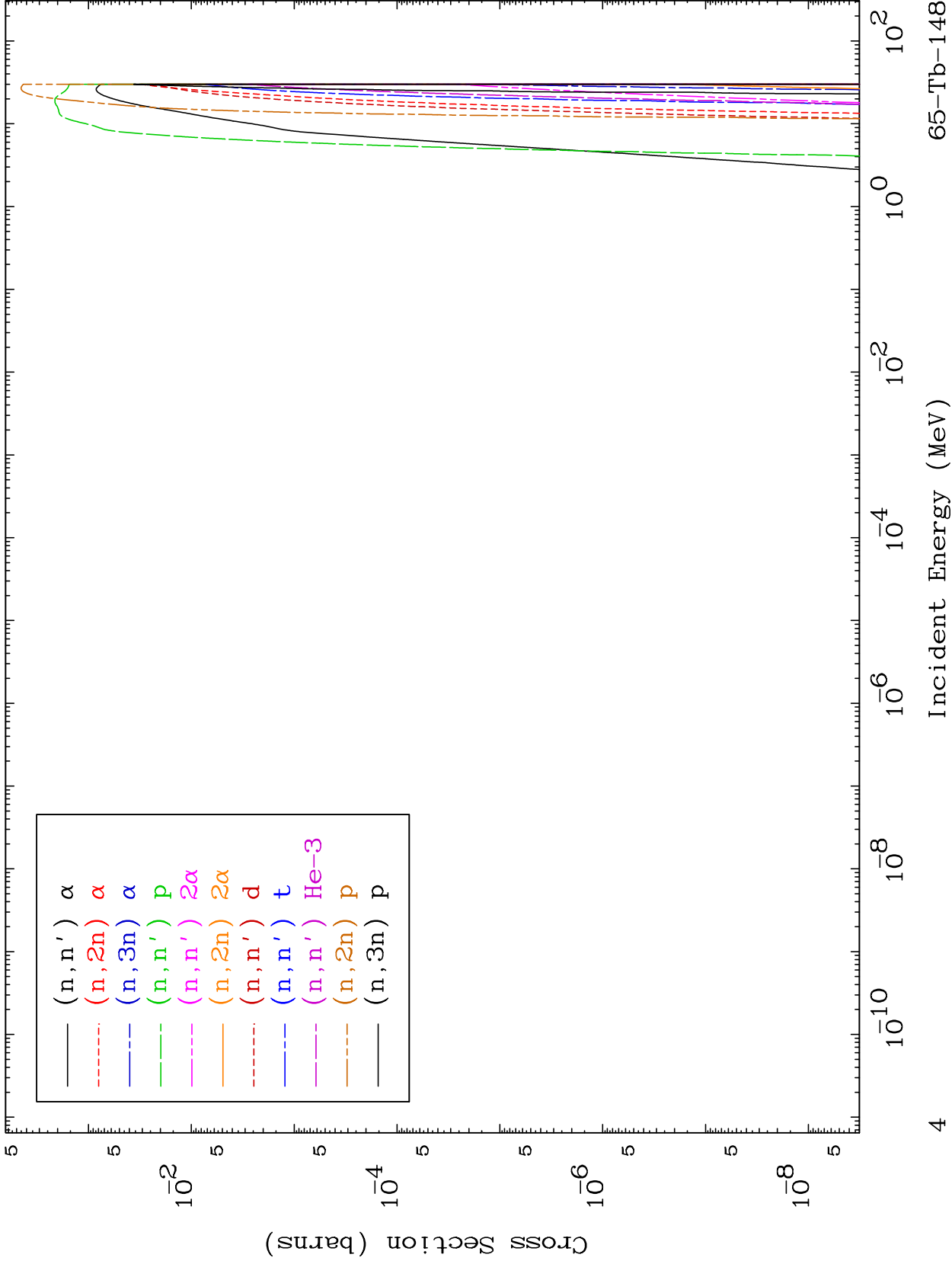


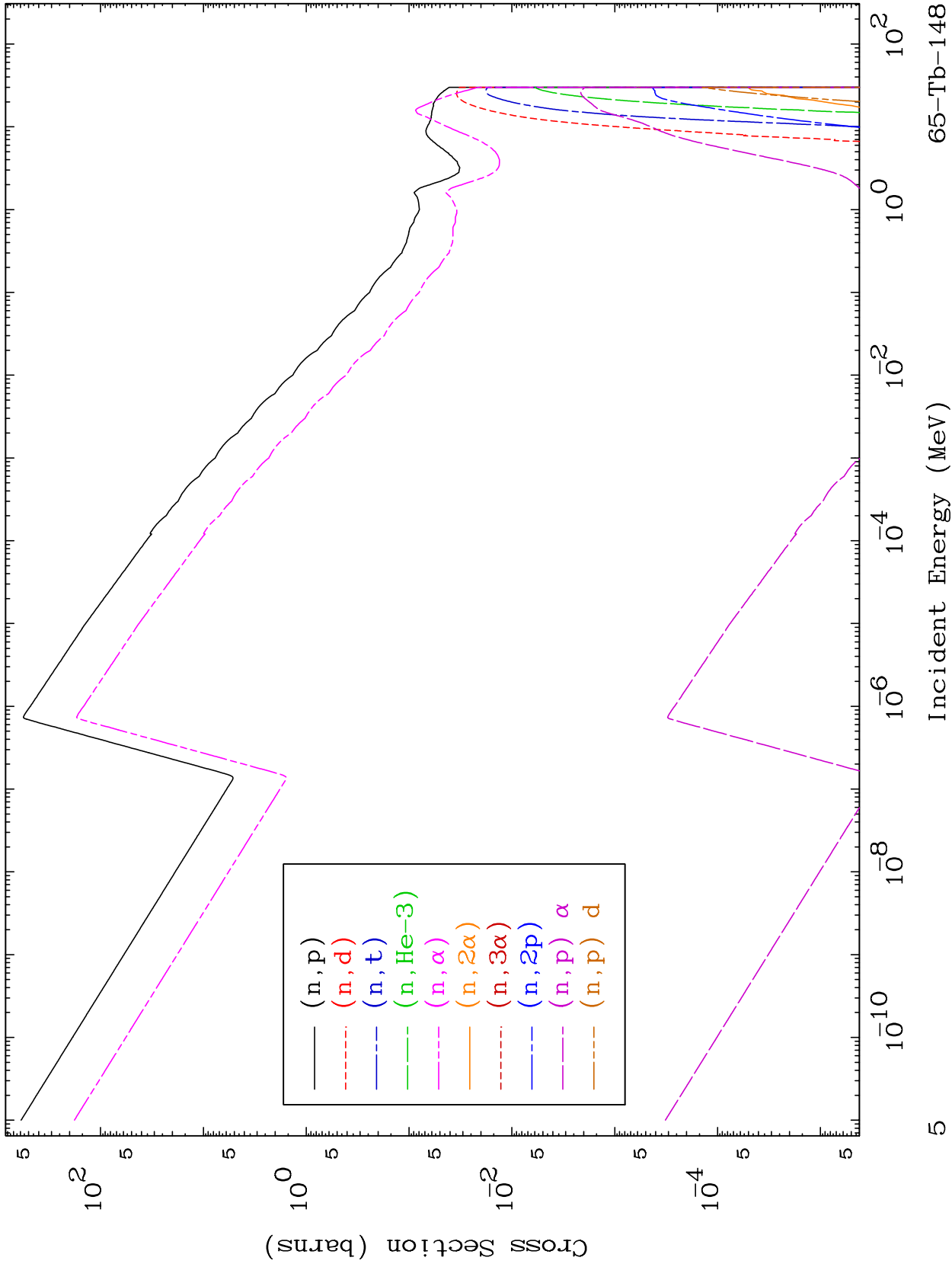


MAT 6492

Charged Particle  
293 Kelvin Cross Sections

65-Tb-148

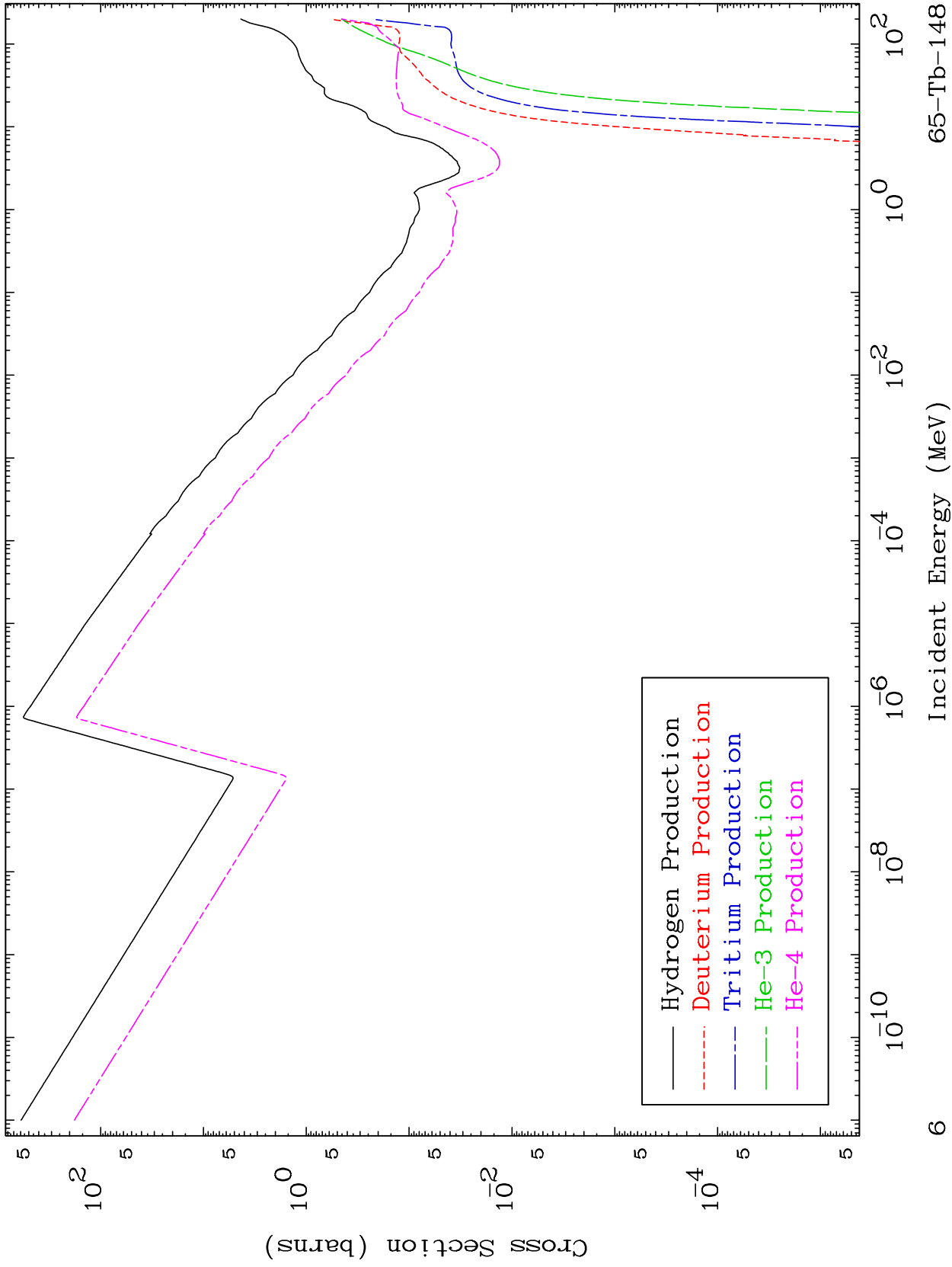




MAT 6492

Particle Production  
293 Kelvin Cross Sections

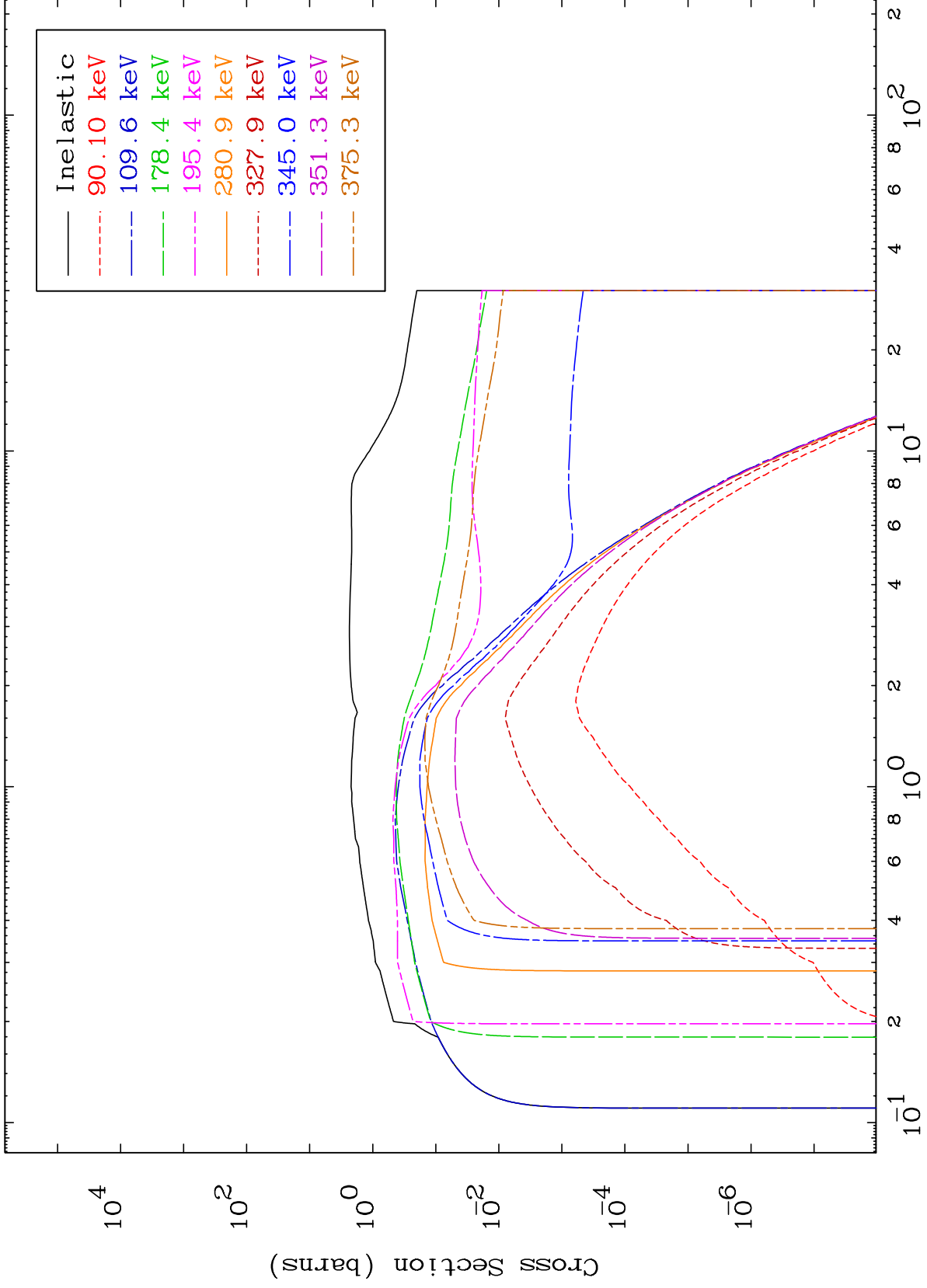
65-Tb-148



MAT 6492

(n,n') Level  
293 Kelvin Cross Sections

65-Tb-148



65-Tb-148

Incident Energy (MeV)

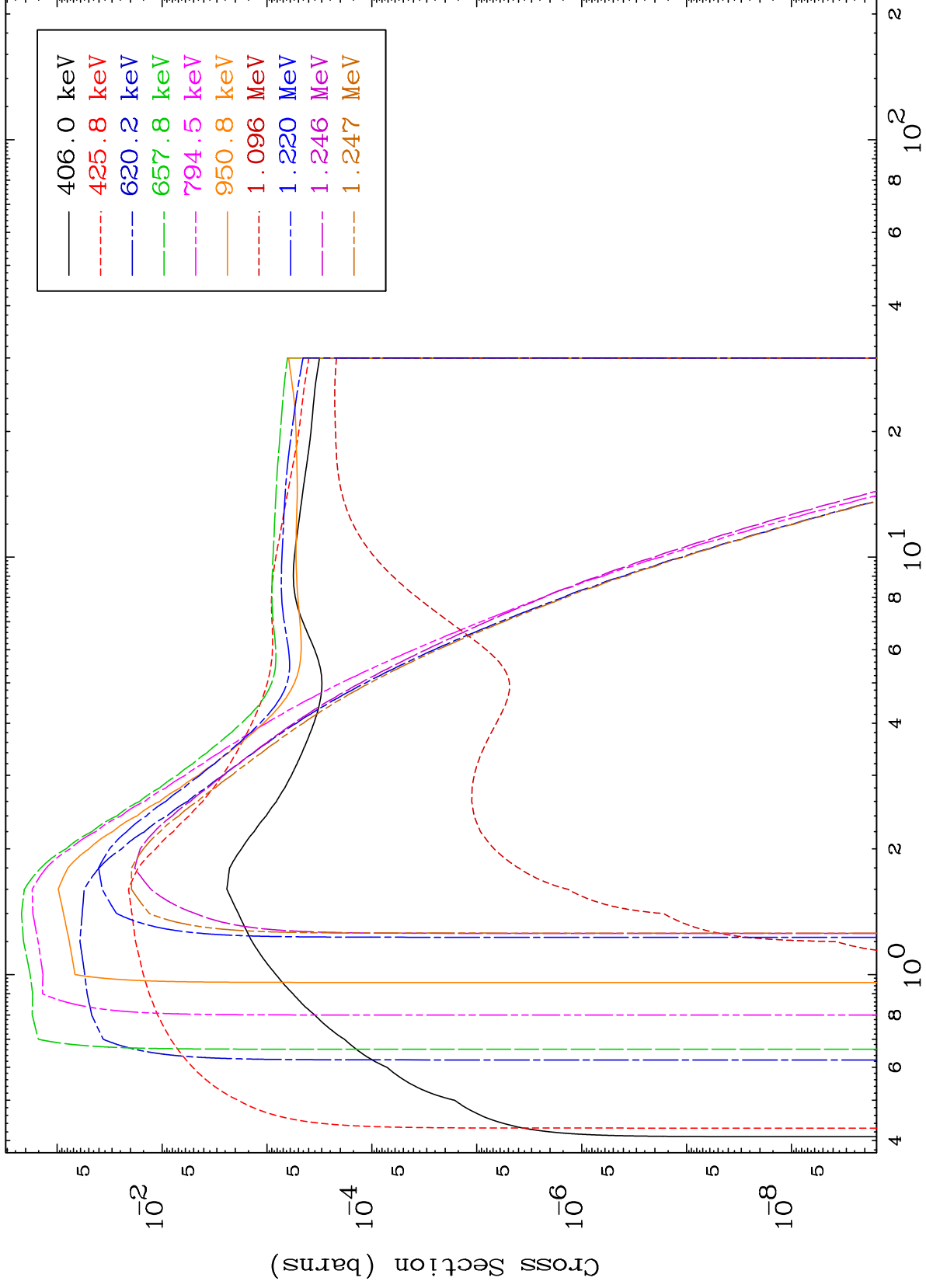
7



MAT 6492

(n,n') Level  
293 Kelvin Cross Sections

65-Tb-148



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Incident Energy (MeV)

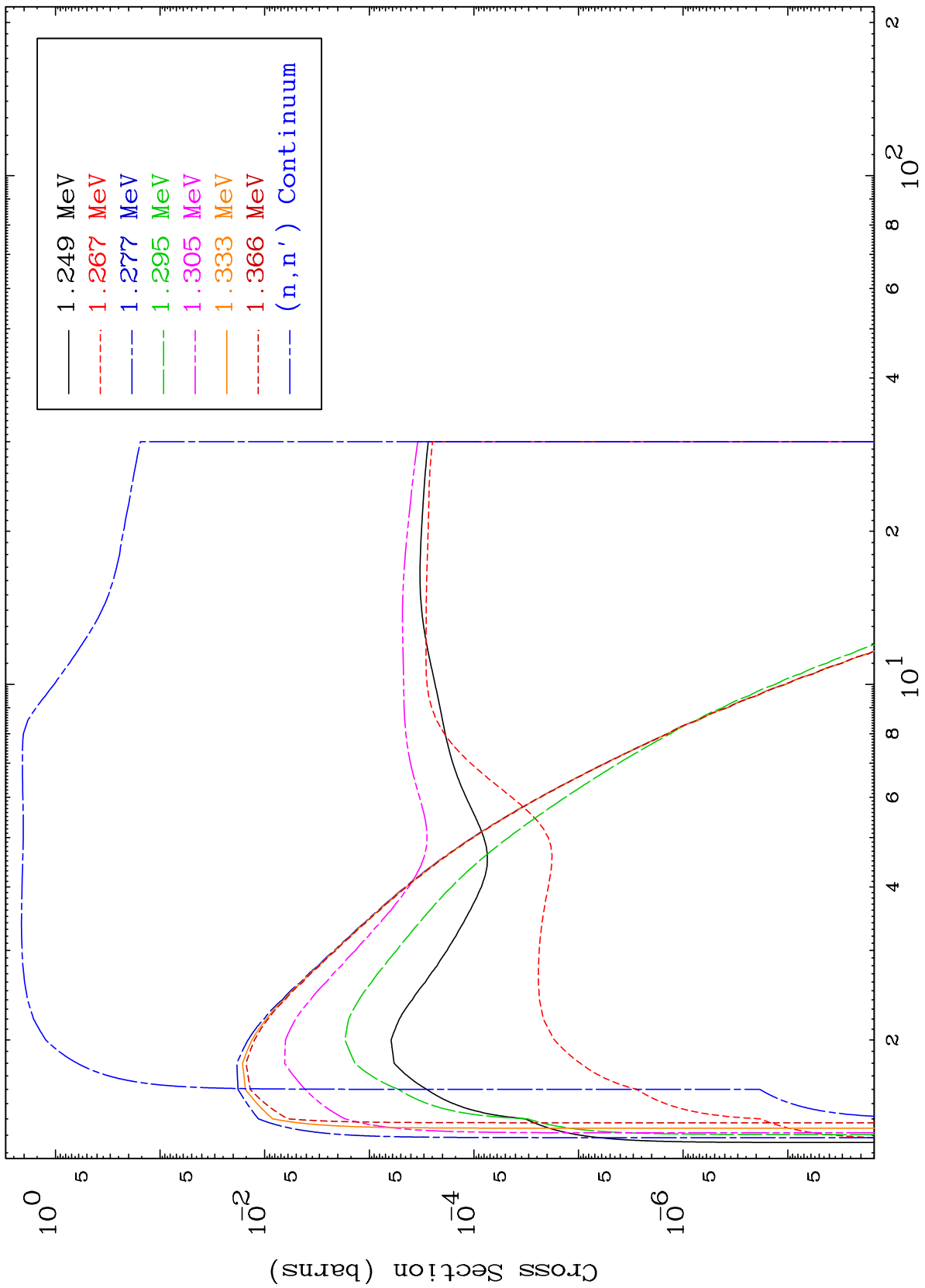
65-Tb-148

MAT 6492

(n,n') Level

65-Tb-148

293 Kelvin Cross Sections



9

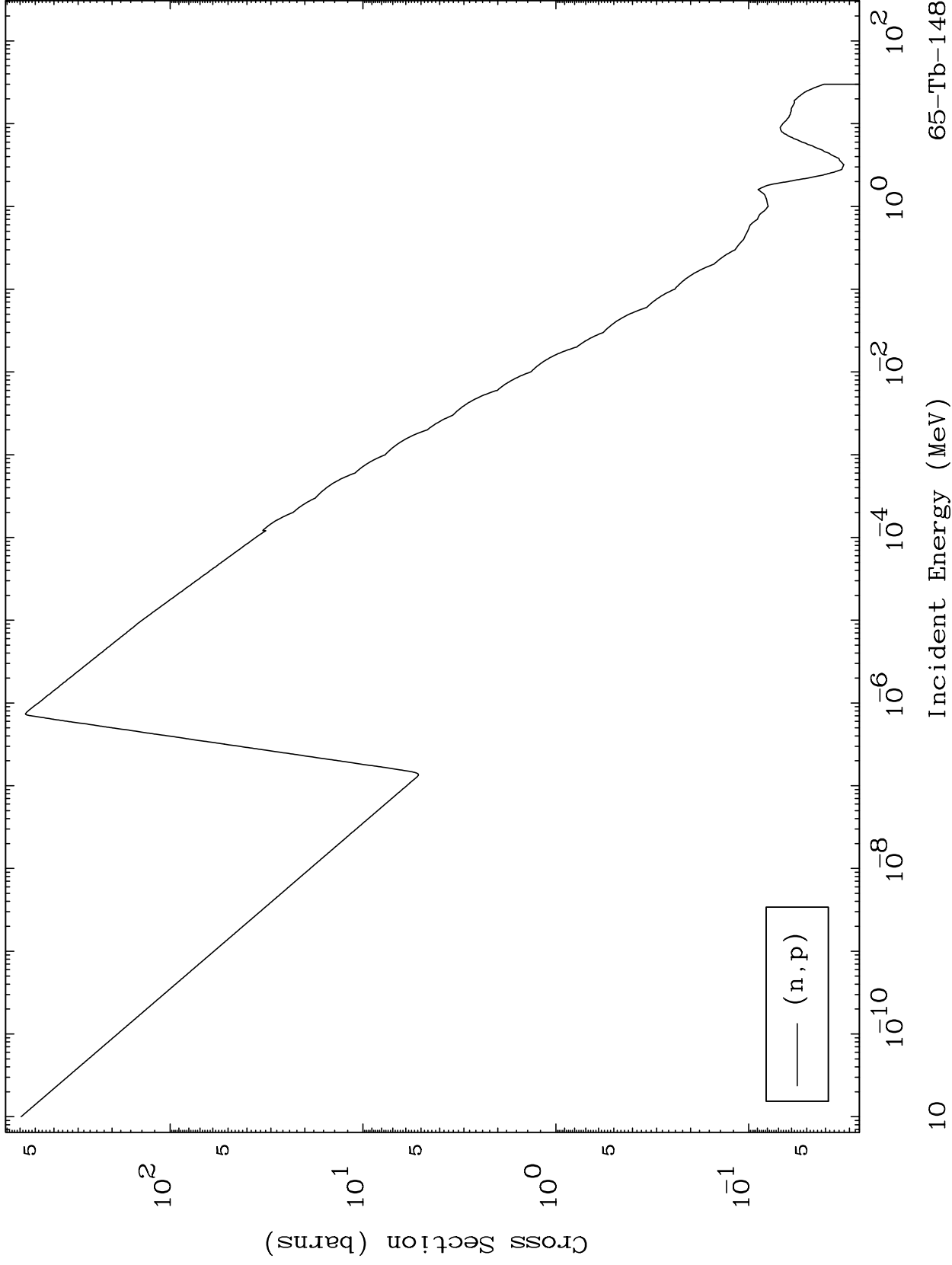
Incident Energy (MeV)

65-Tb-148

MAT 6492

(n,p) Levels  
293 Kelvin Cross Sections

65-Tb-148



10

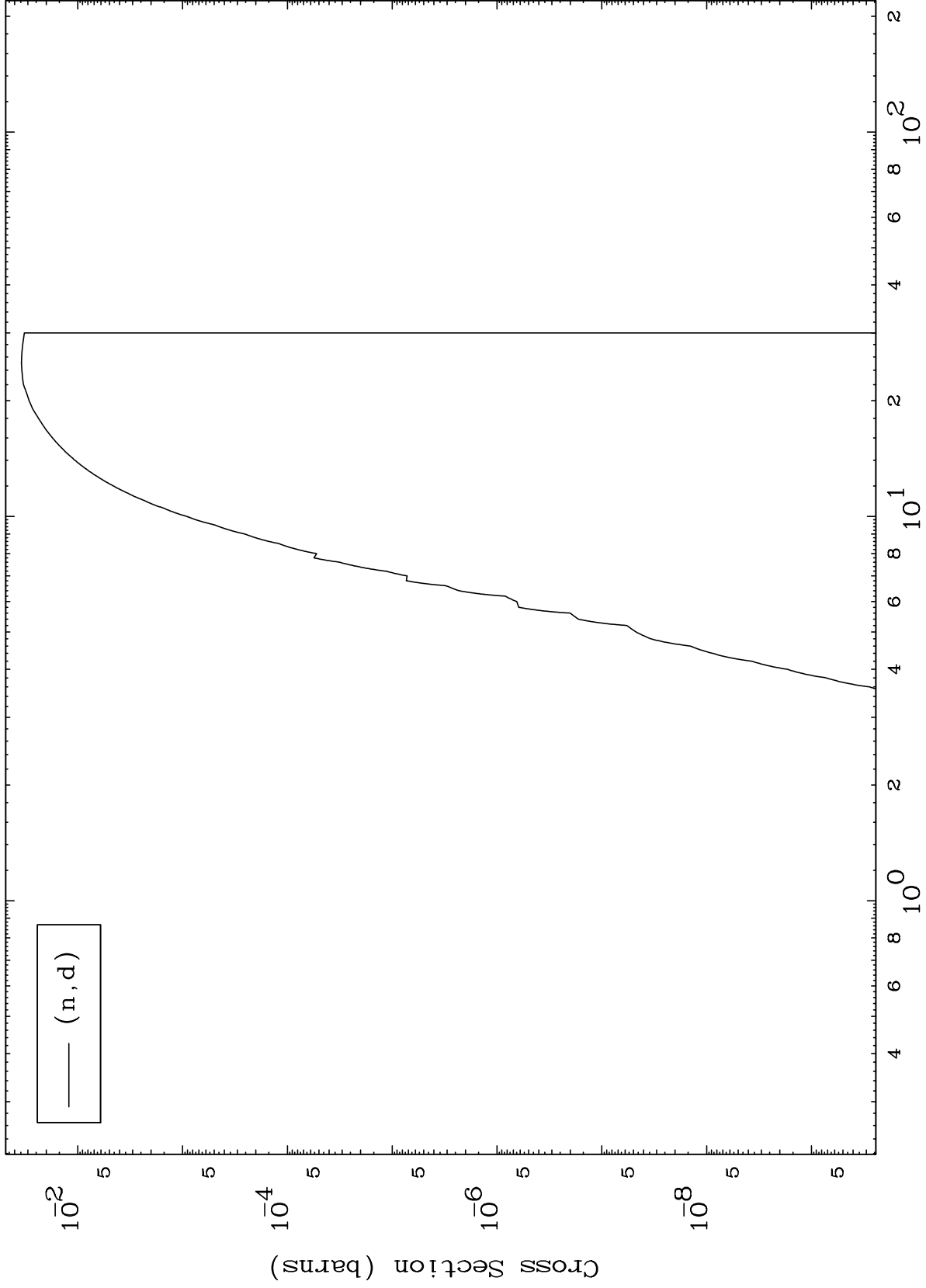
Incident Energy (MeV)

65-Tb-148

MAT 6492

(n,d) Levels  
293 Kelvin Cross Sections

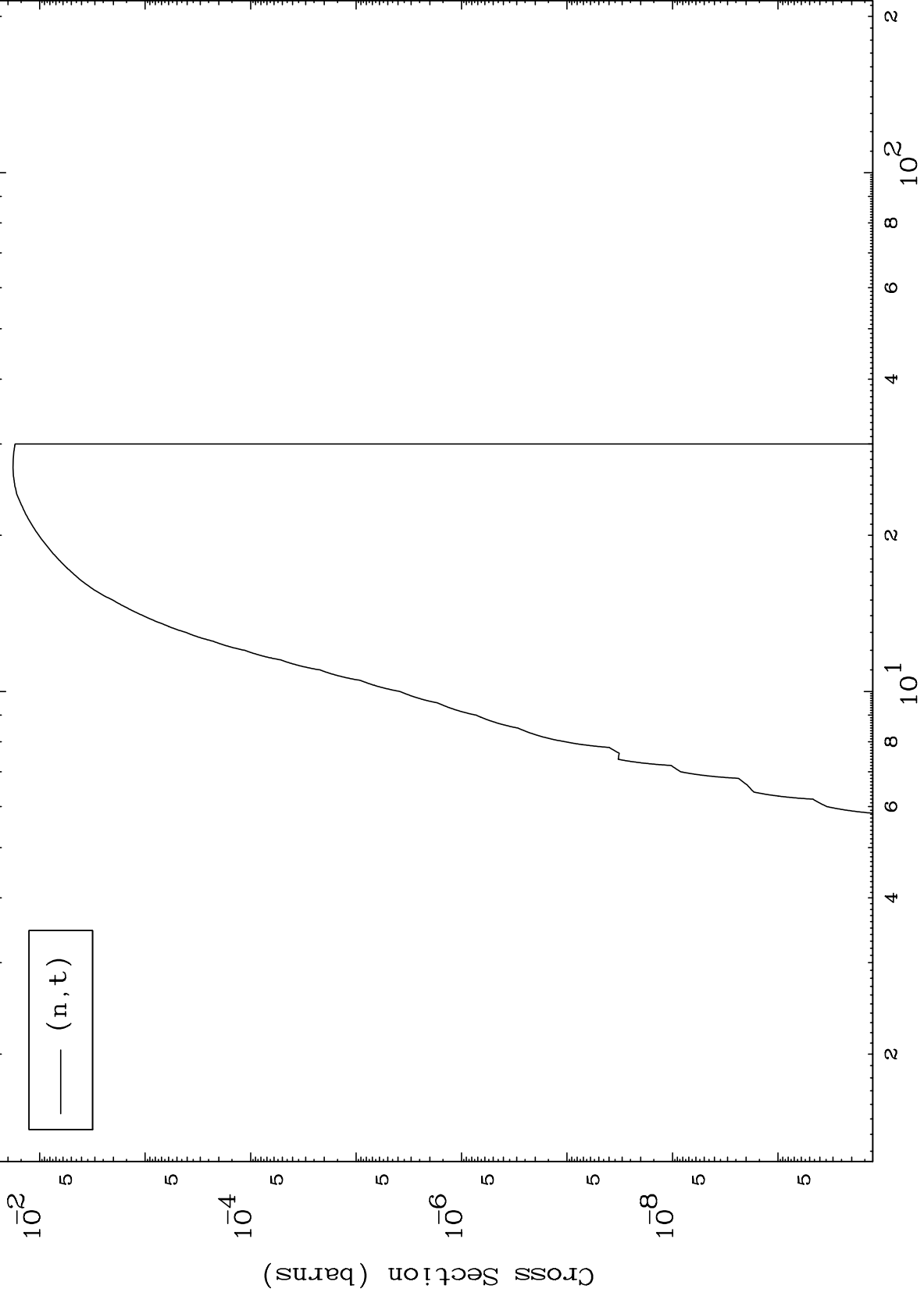
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MAT 6492

(n,t) Levels  
293 Kelvin Cross Sections

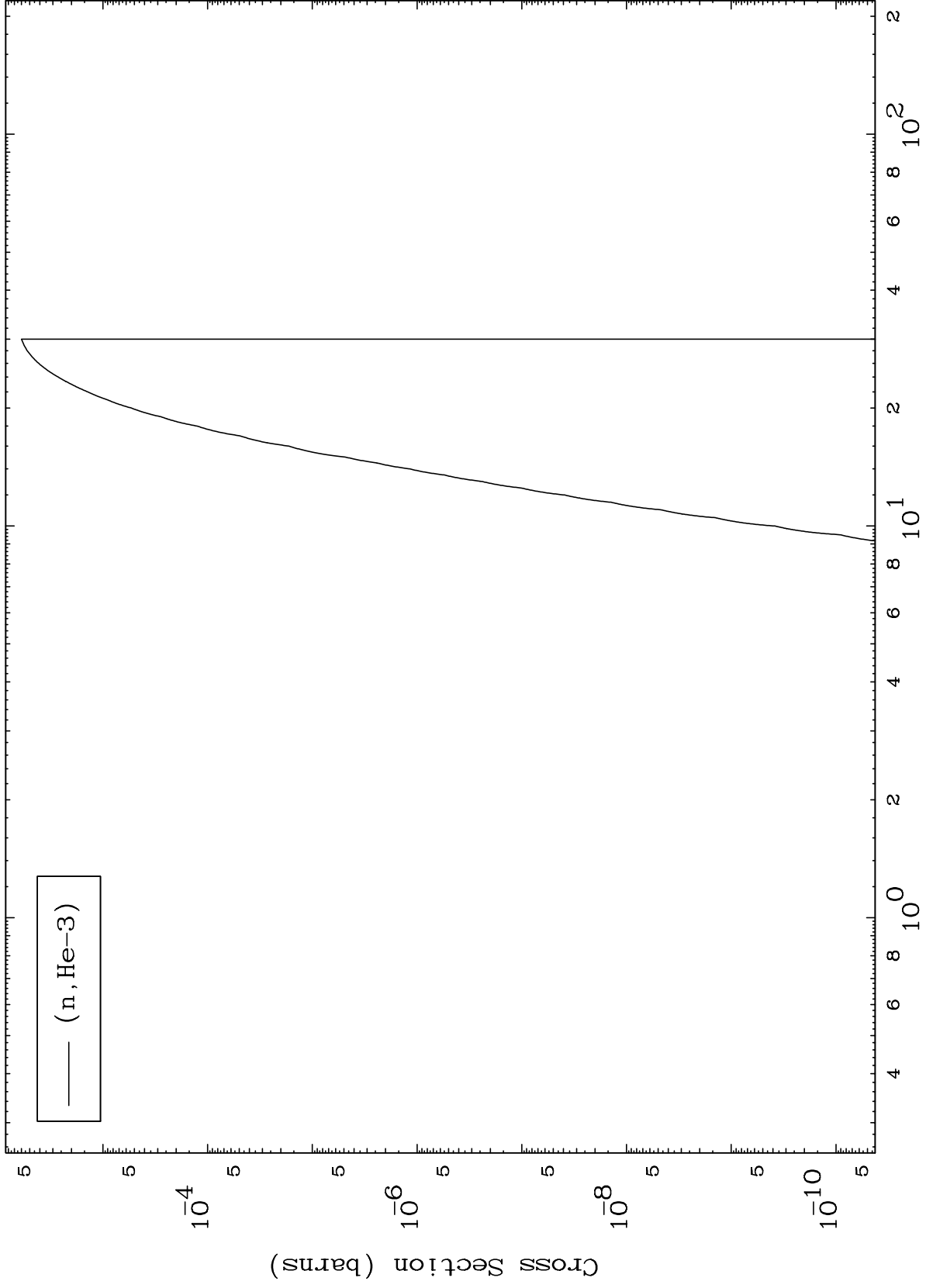
65-Tb-148



MAT 6492

(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-148



13

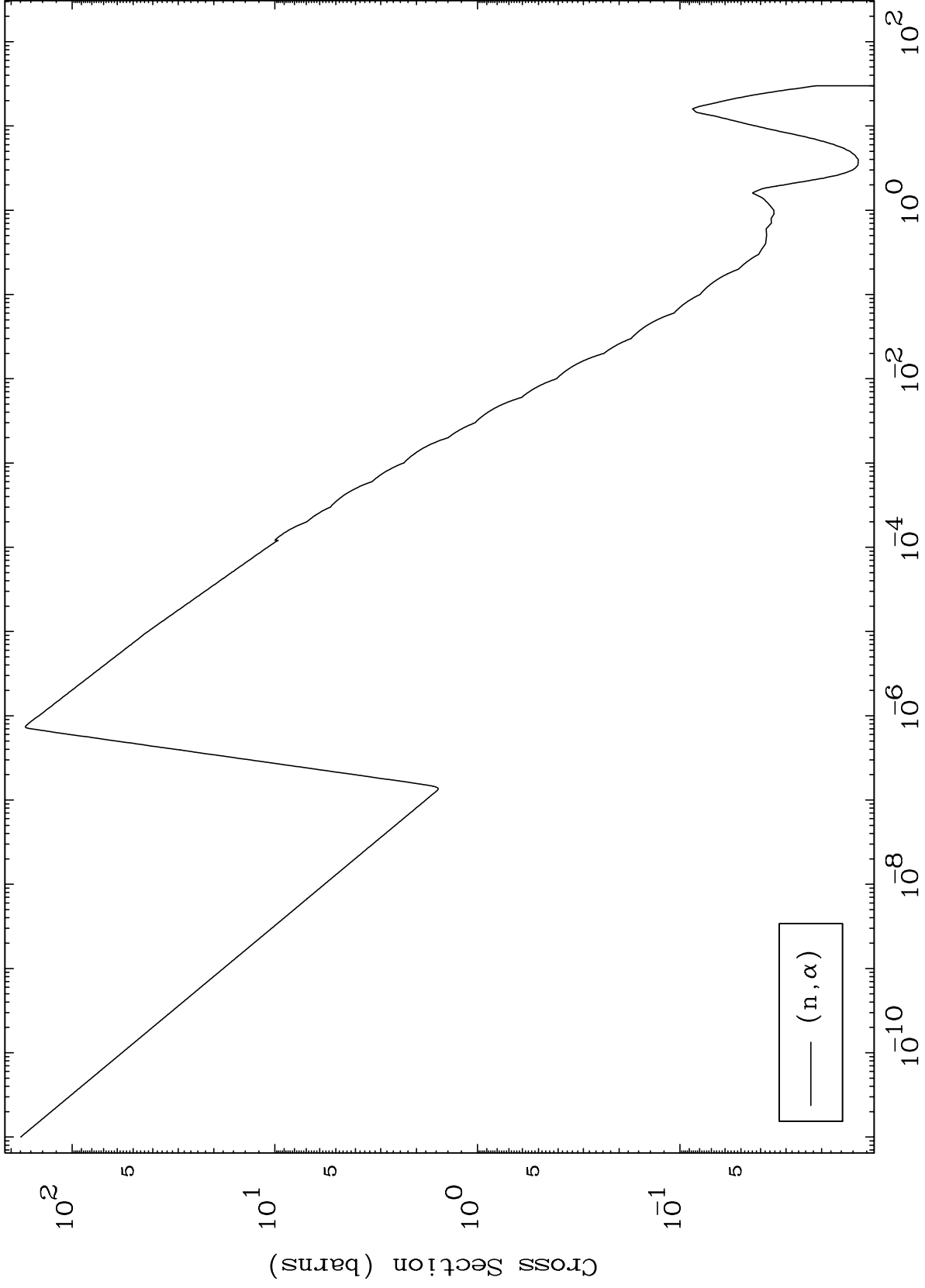
Incident Energy (MeV)

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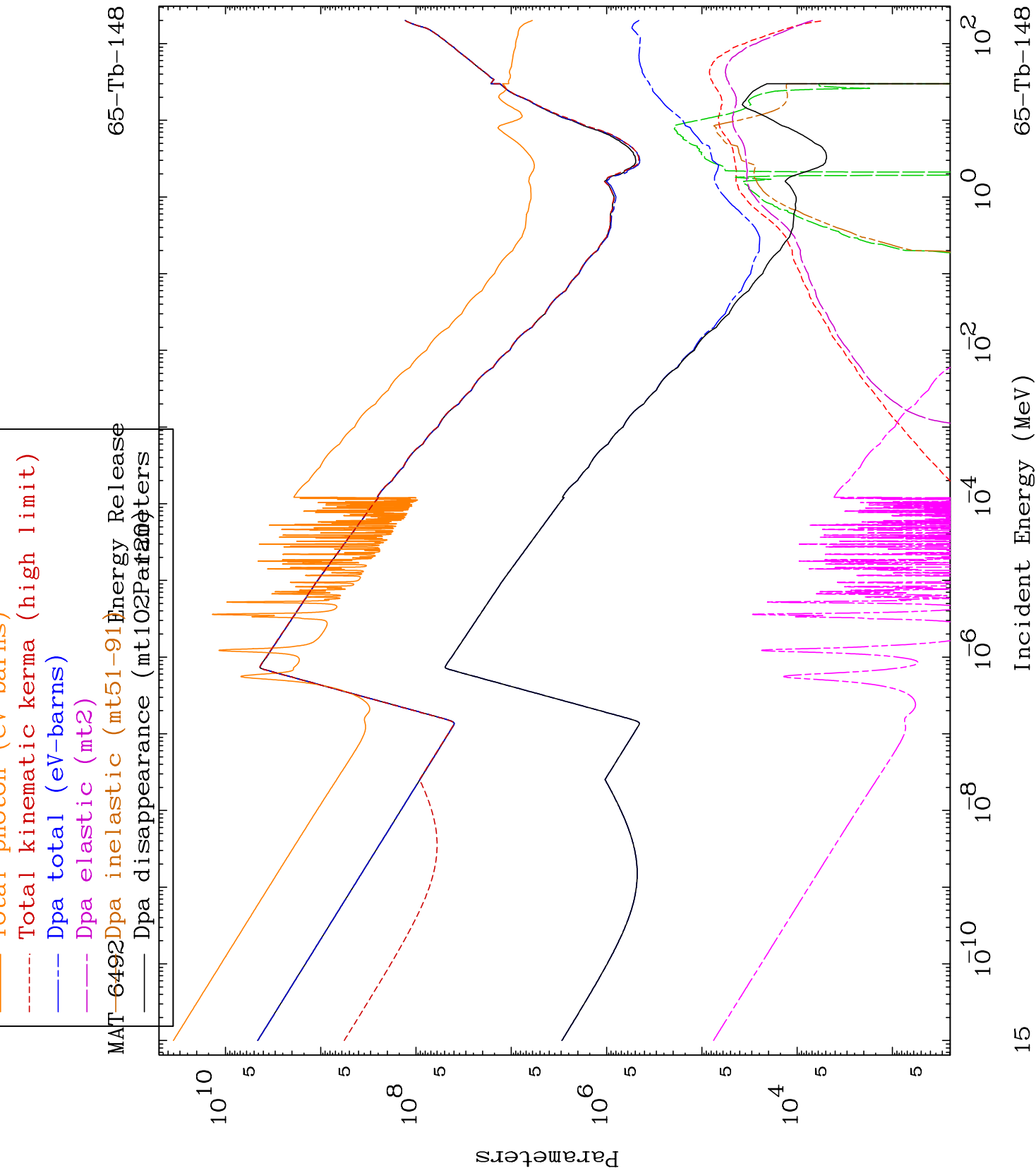
MAT 6492

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

65-Tb-148



(n,  $\alpha$ )

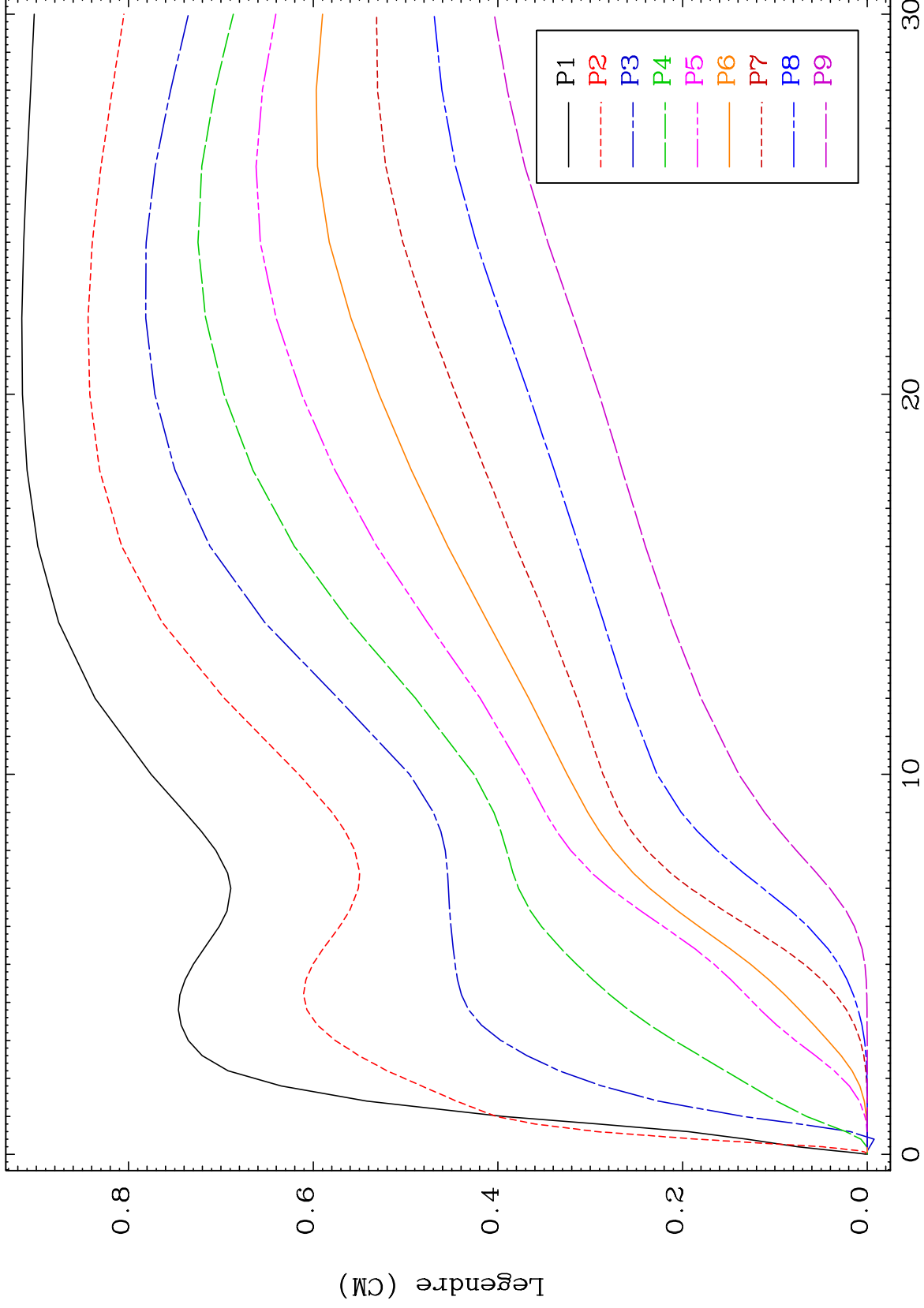




MAT 6492

Elastic Legendre Coefficients

65-Tb-148

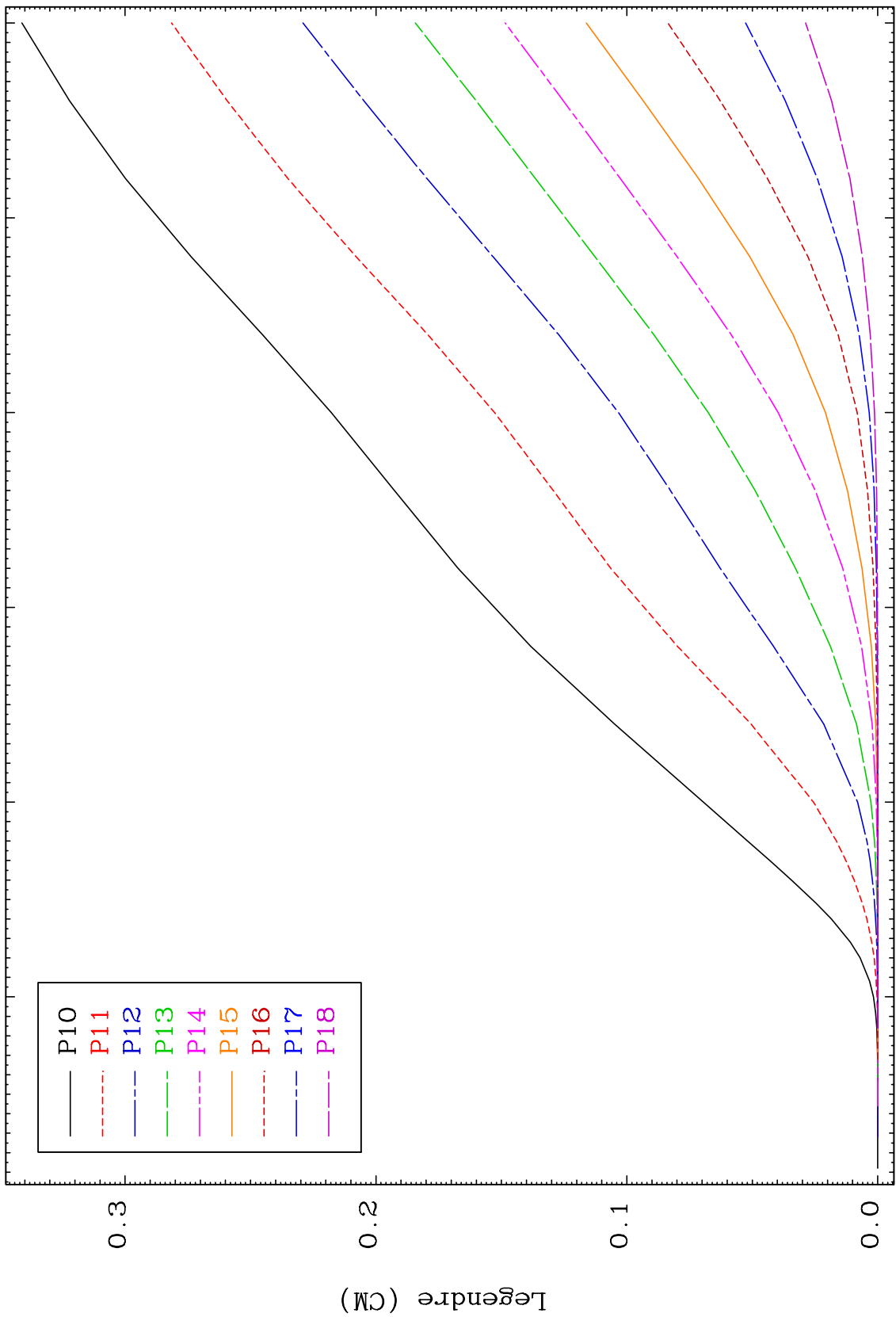


16

Incident Energy (MeV)

65-Tb-148

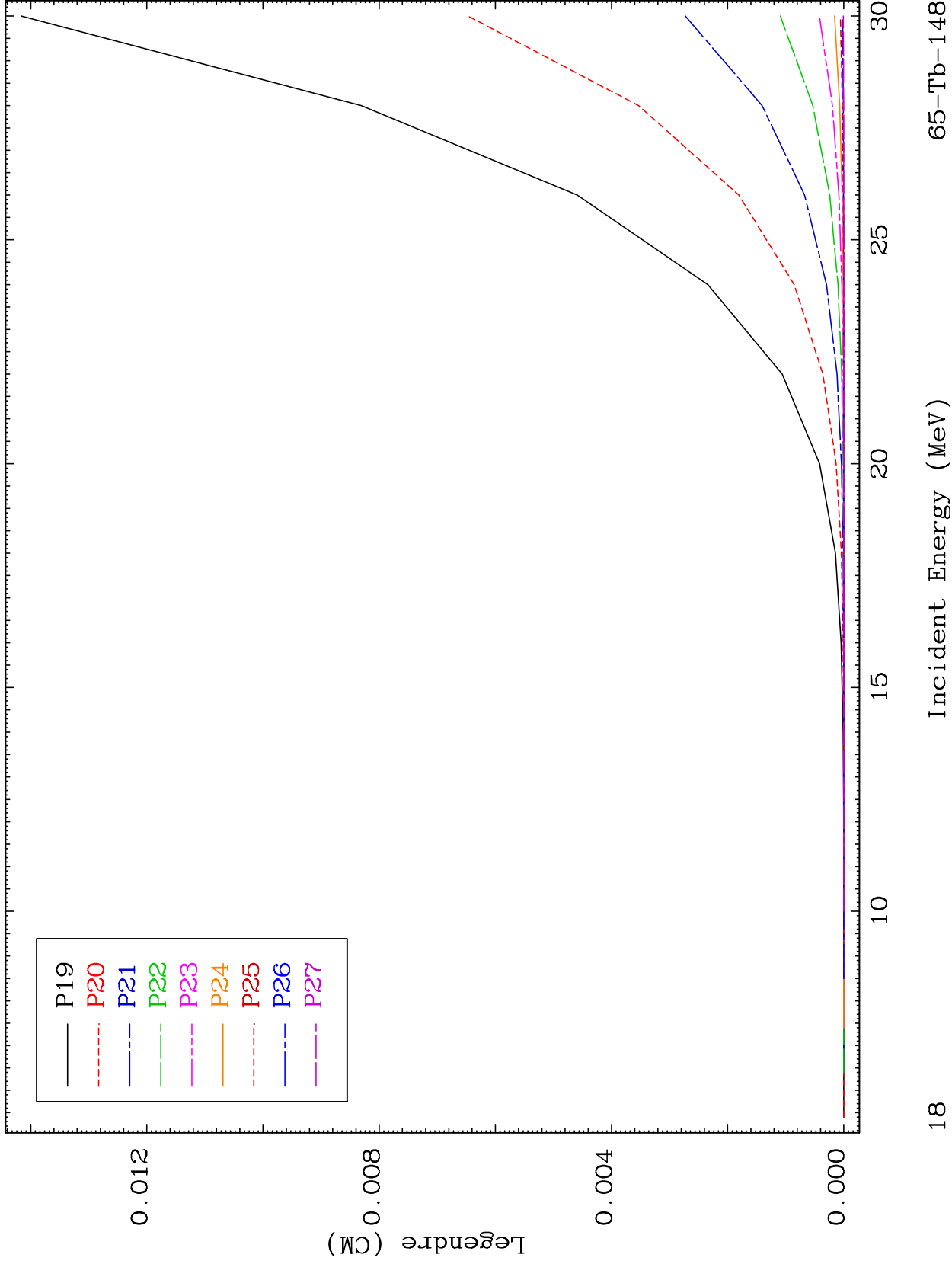
Elastic Legendre Coefficients



MAT 6492

### Elastic Legendre Coefficients

65-Tb-148



18

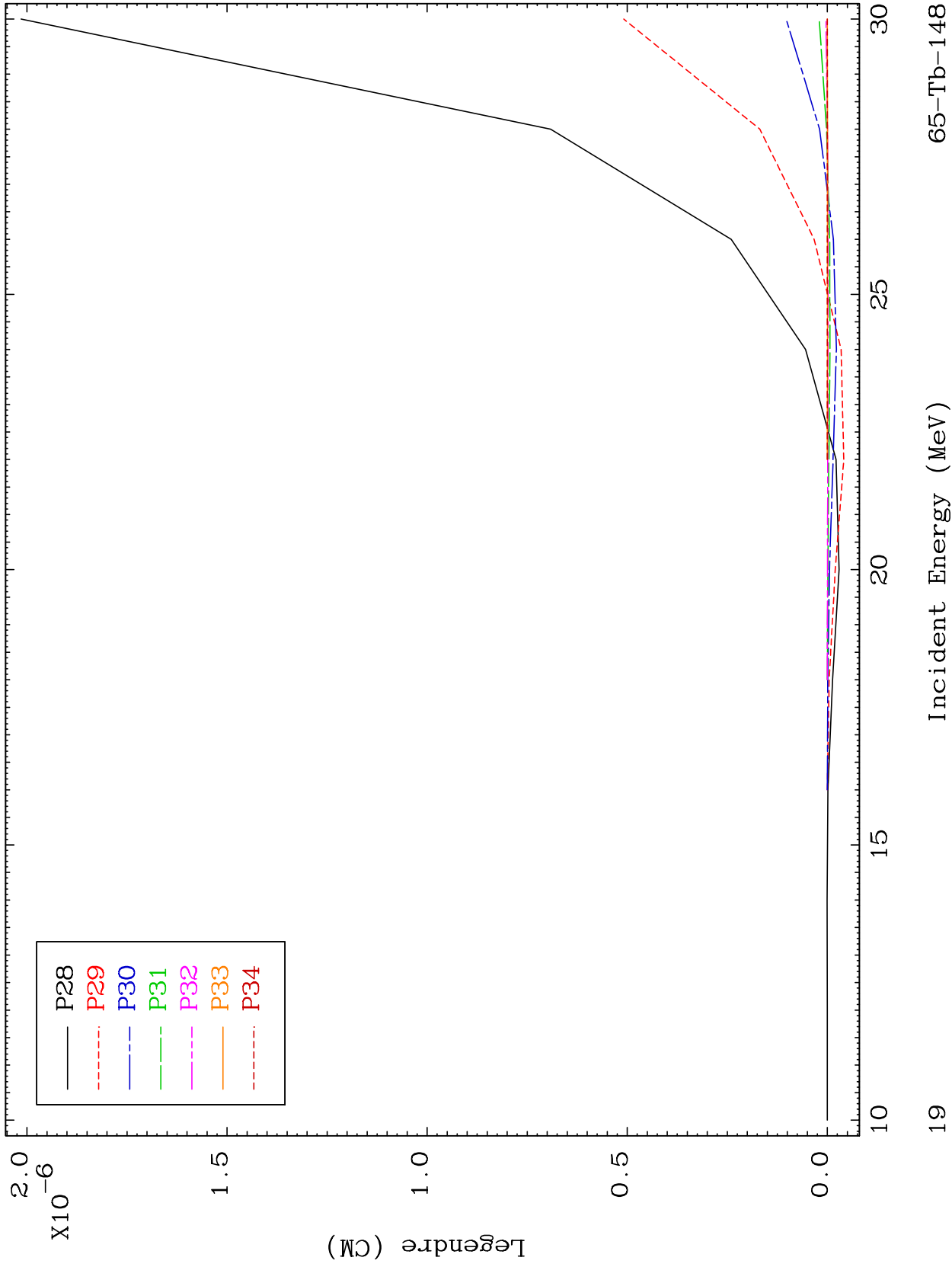
Incident Energy (MeV)

65-Tb-148

MAT 6492

### Elastic Legendre Coefficients

65-Tb-148



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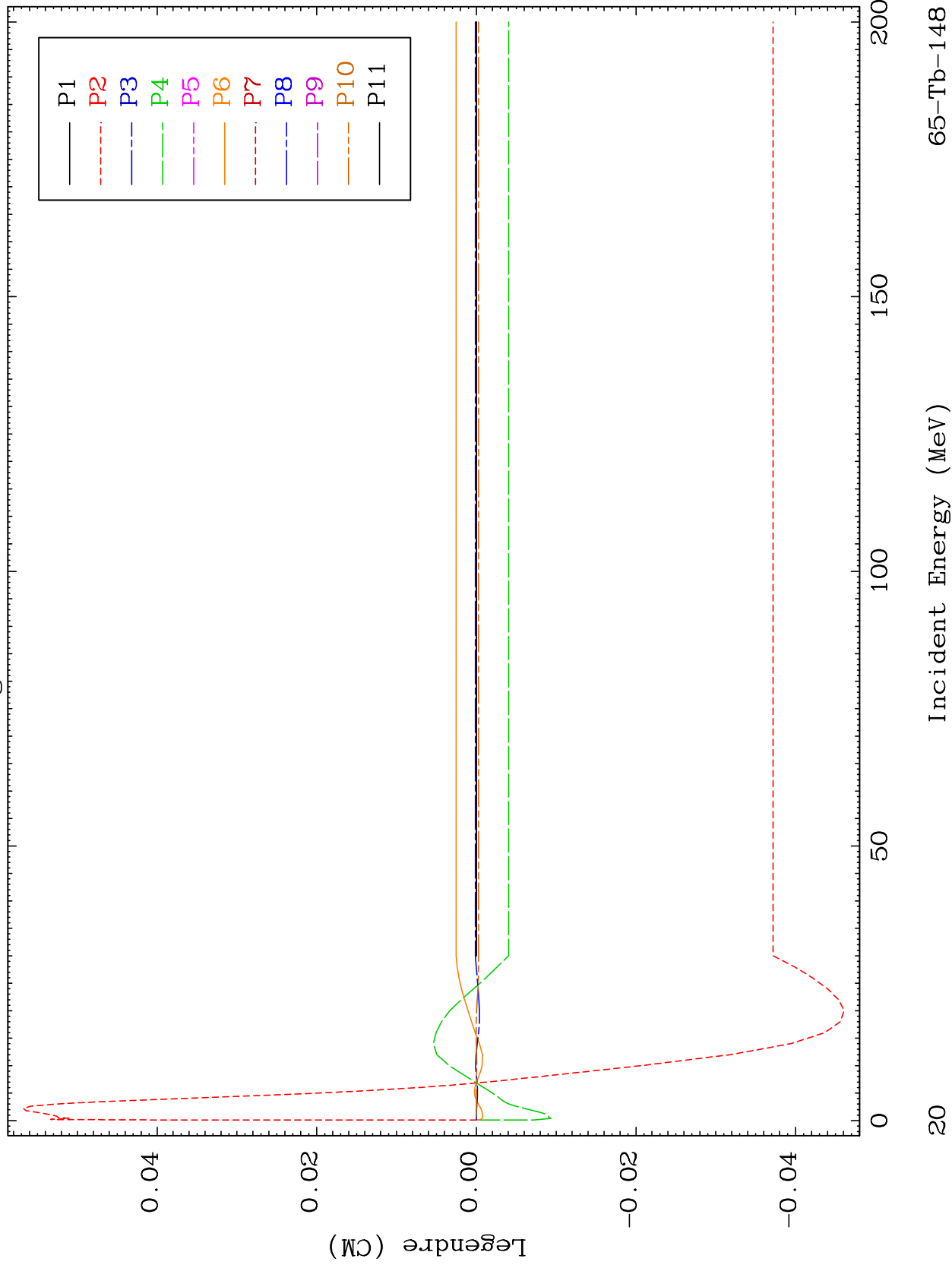
Incident Energy (MeV)

65-Tb-148

MAT 6492

90.10 keV (n,n') Level  
Legendre Coefficients

65-Tb-148

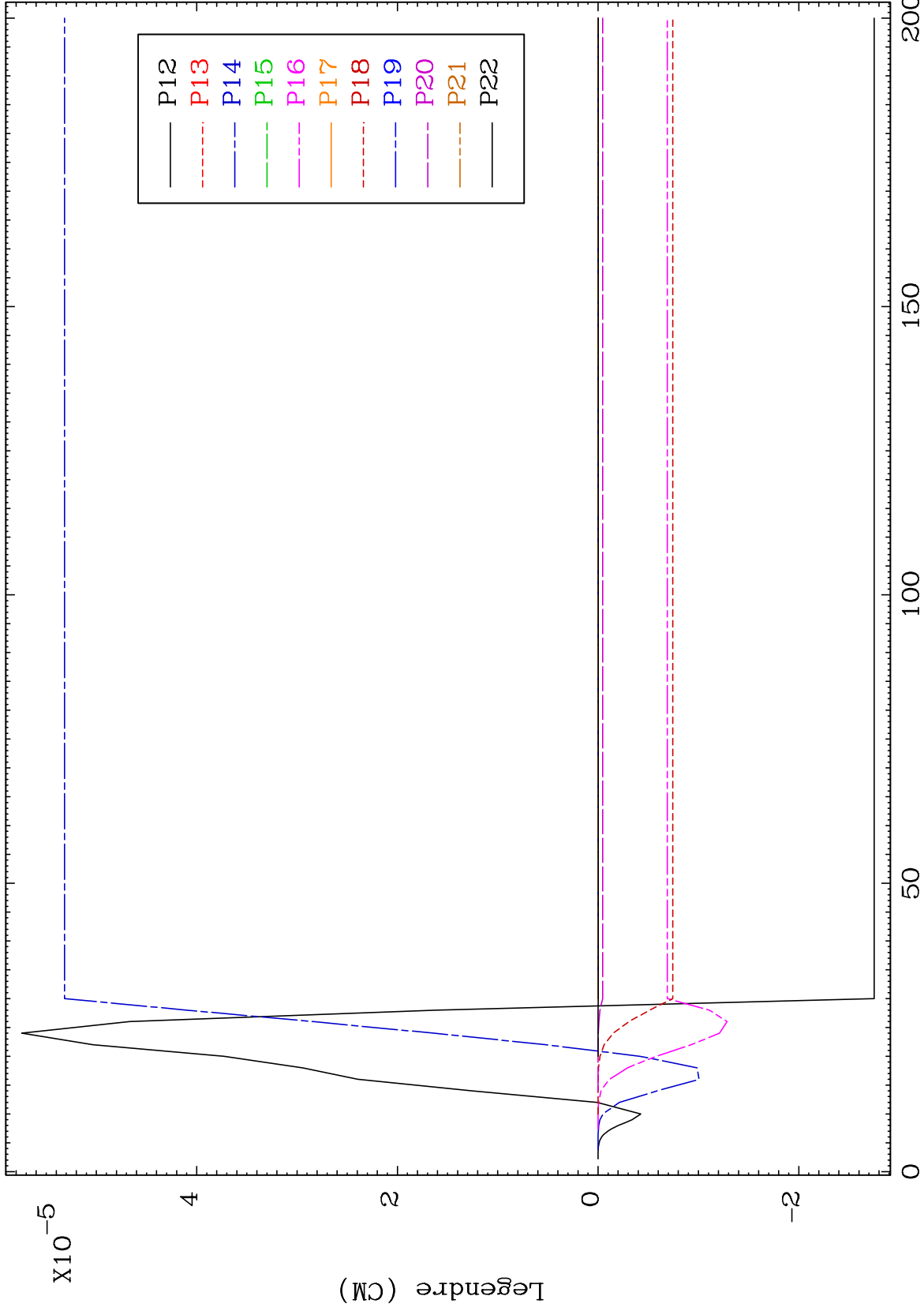


65-Tb-148

MAT 6492

90.10 keV (n,n') Level  
Legendre Coefficients

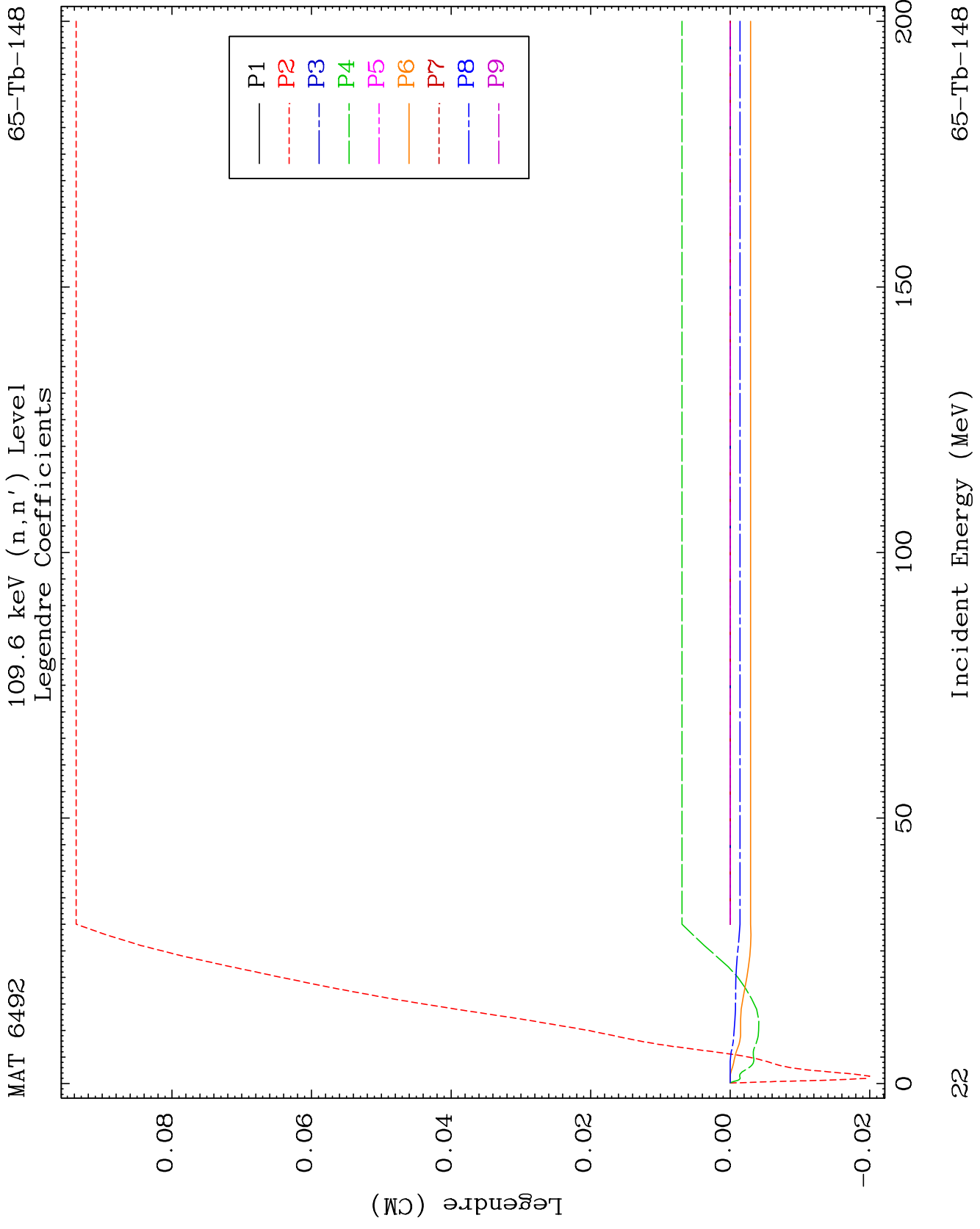
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21

Incident Energy (MeV)

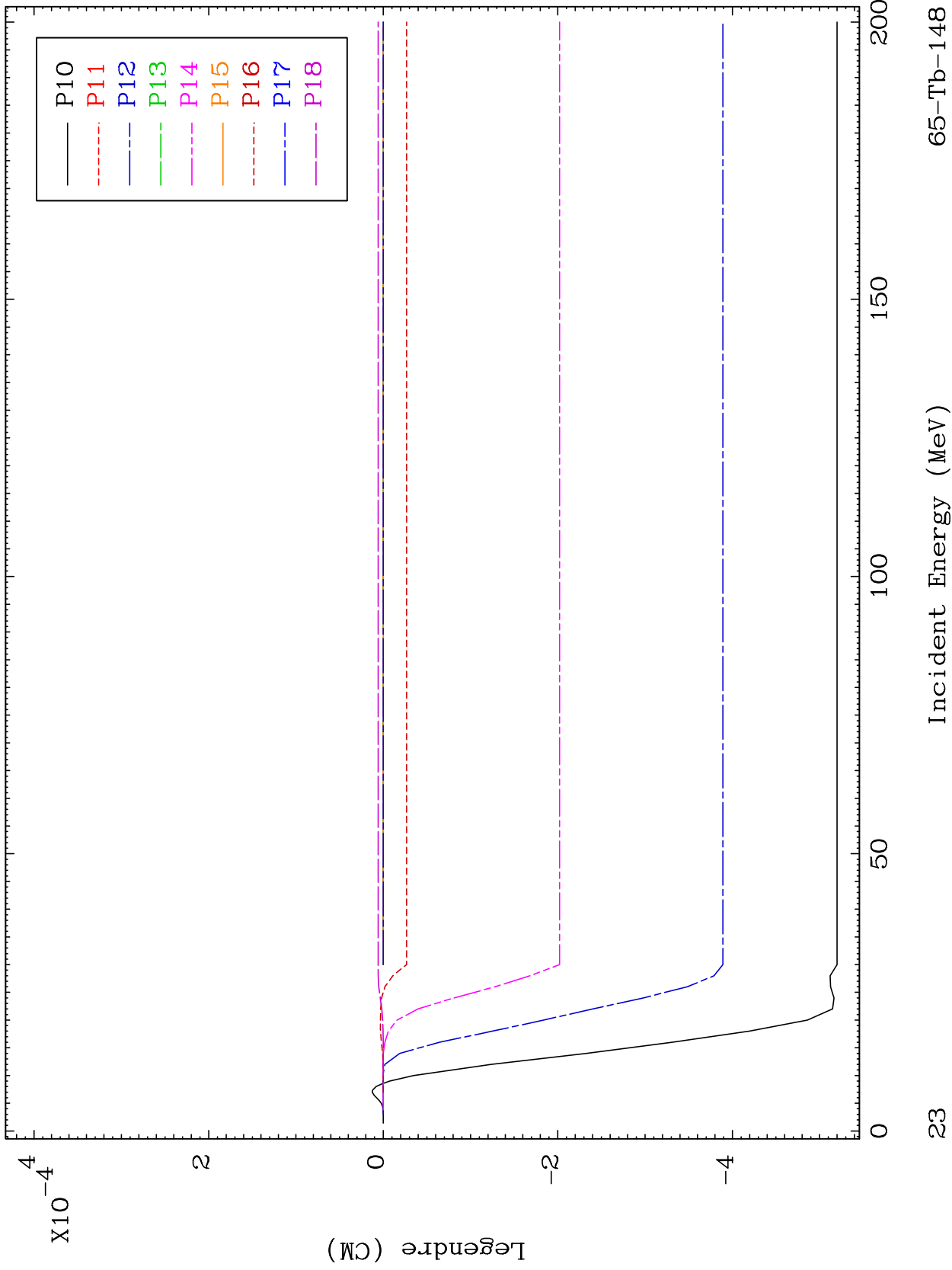
65-Tb-148



MAT 6492

109.6 keV (n,n') Level  
Legendre Coefficients

65-Tb-148

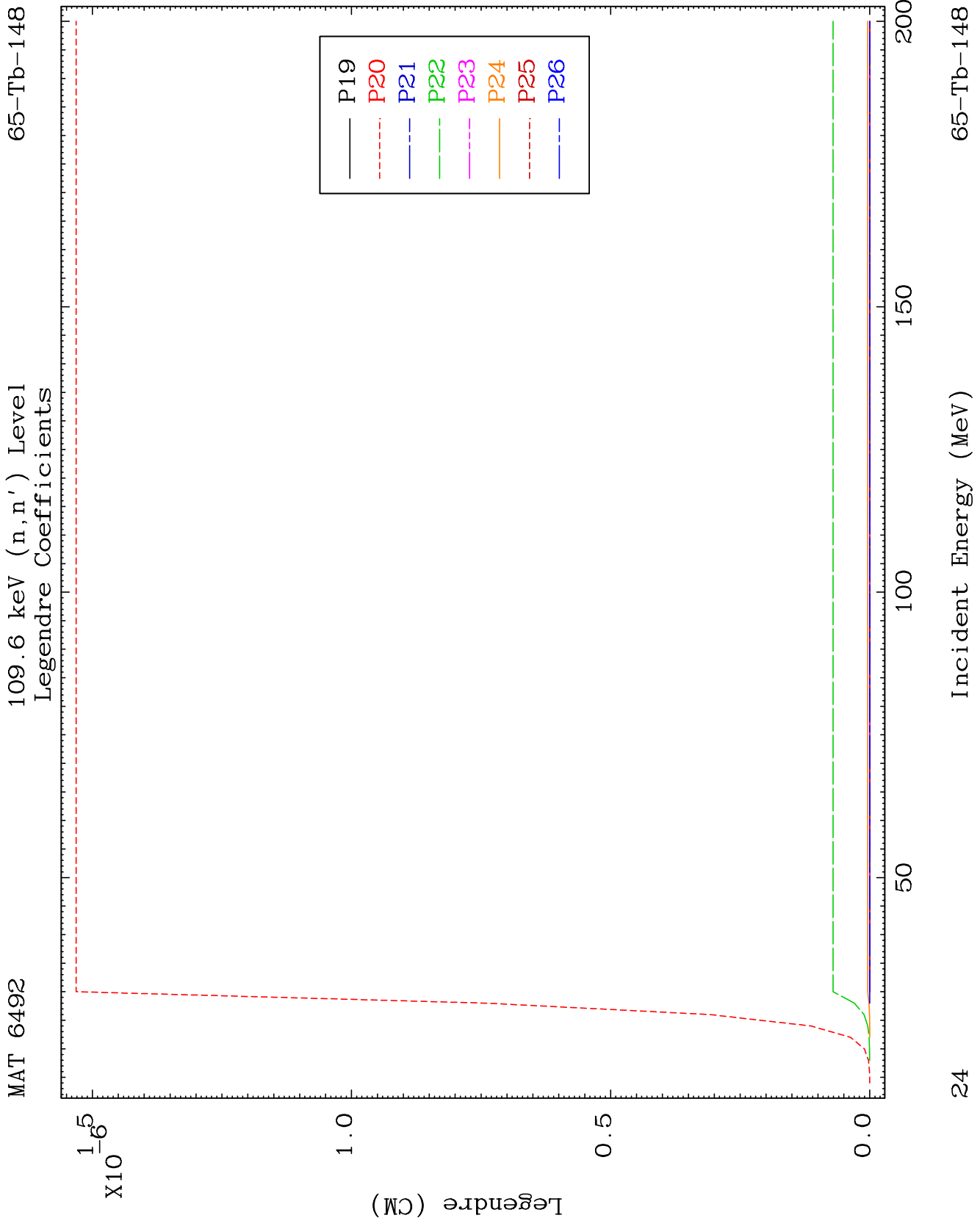


23

Incident Energy (MeV)

65-Tb-148

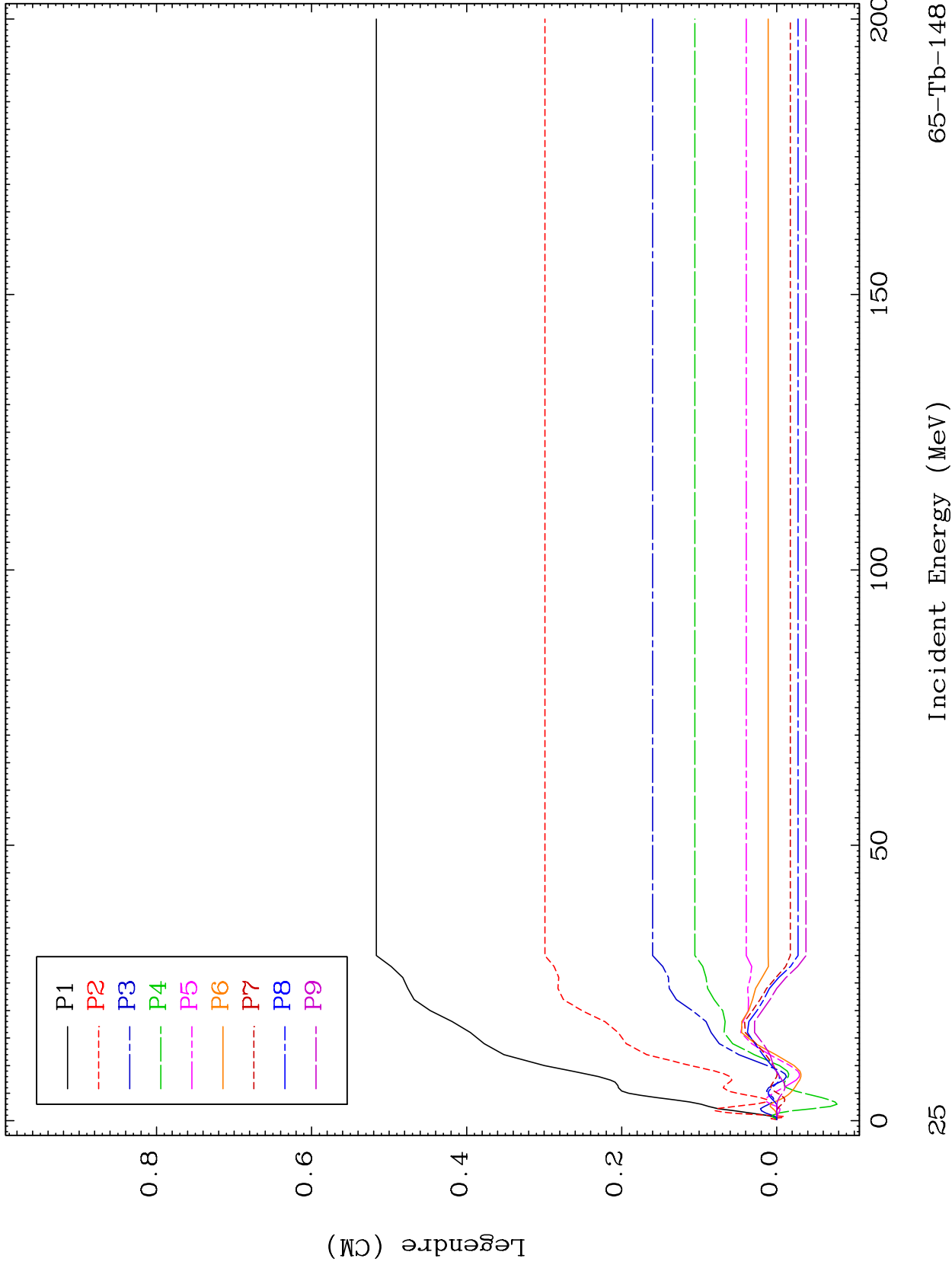




MAT 6492

178.4 keV (n,n') Level  
Legendre Coefficients

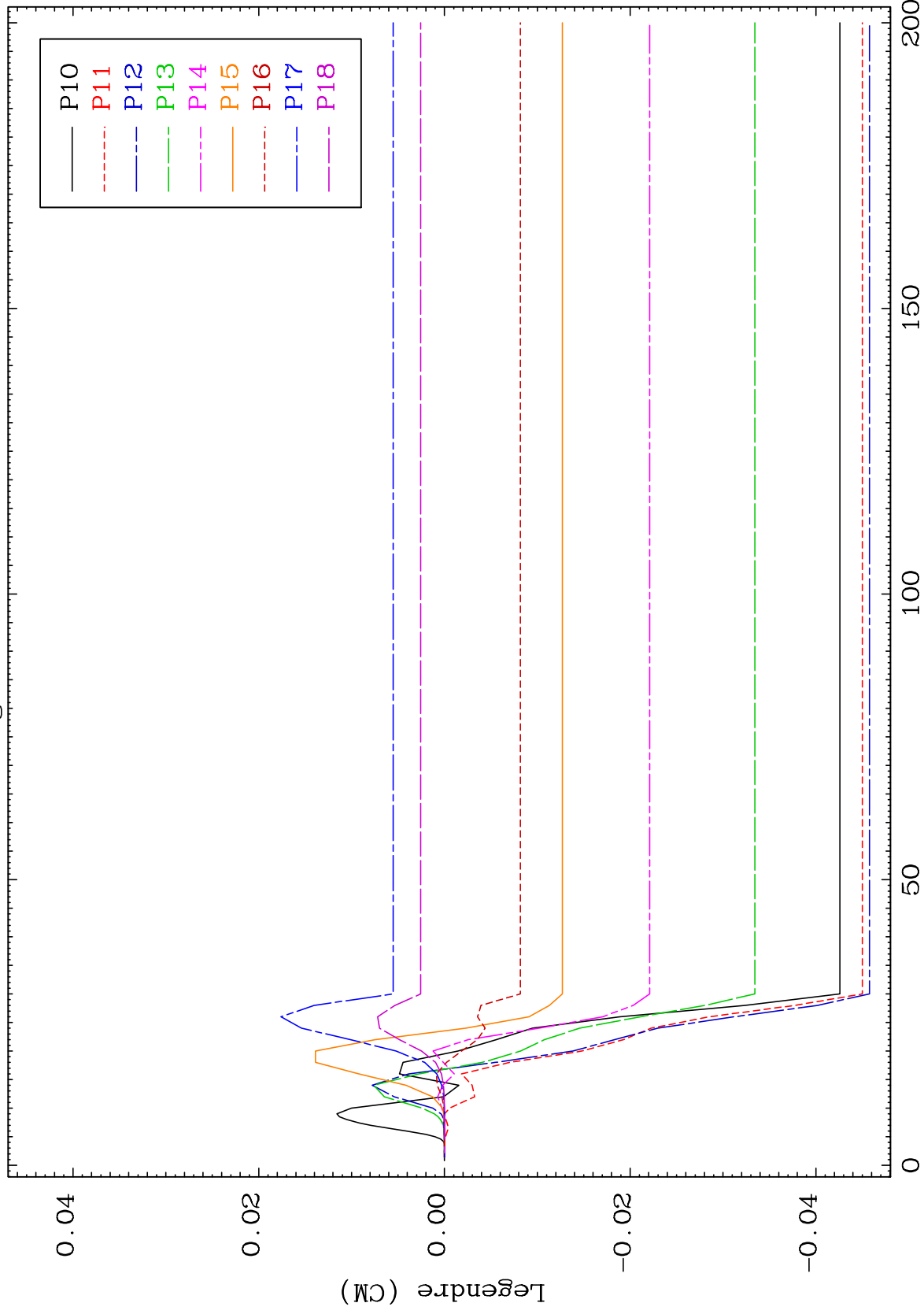
65-Tb-148



MAT 6492

178.4 keV (n, n') Level  
Legendre Coefficients

65-Tb-148



26

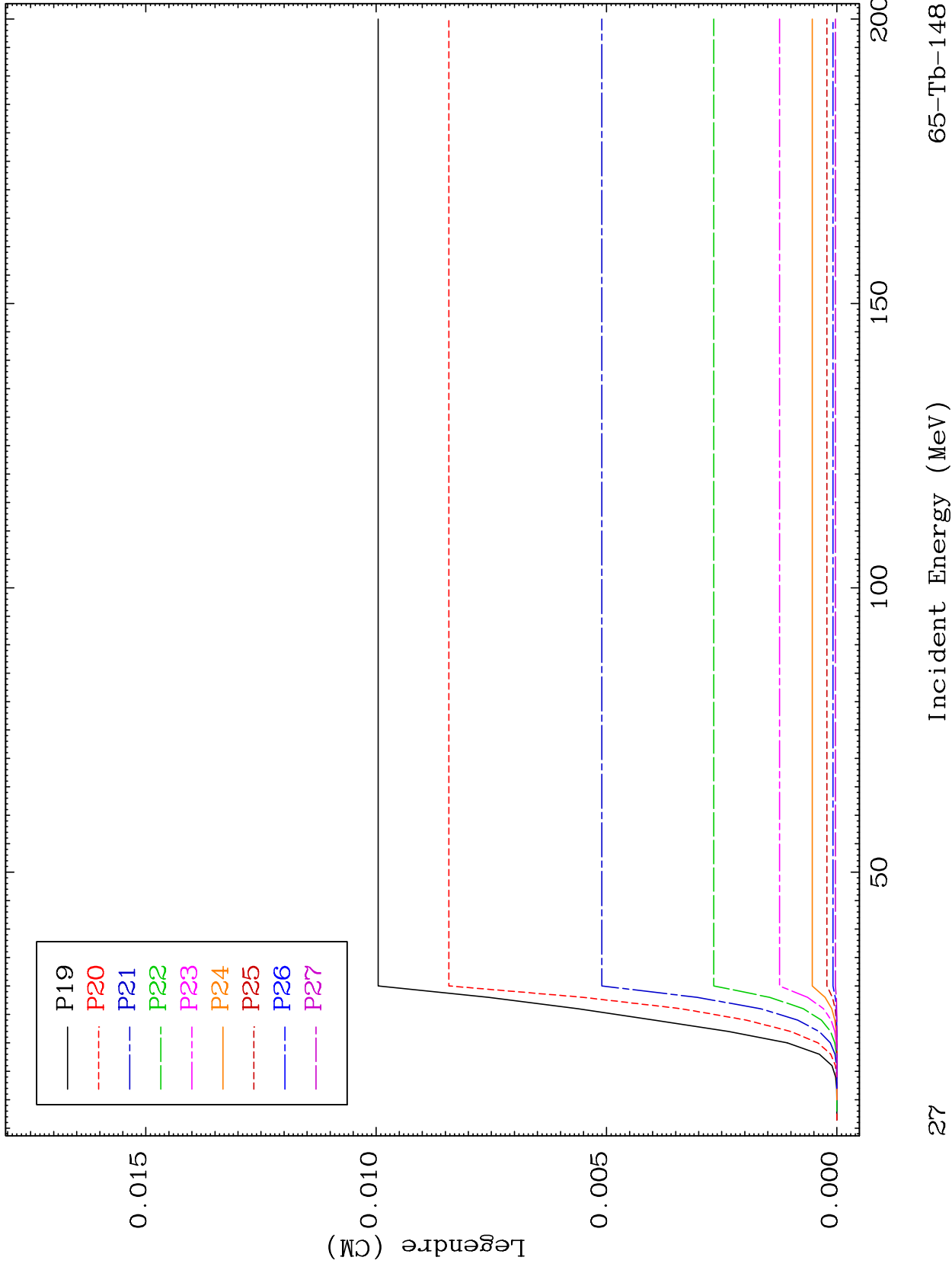
Incident Energy (MeV)

65-Tb-148

MAT 6492

178.4 keV (n,n') Level  
Legendre Coefficients

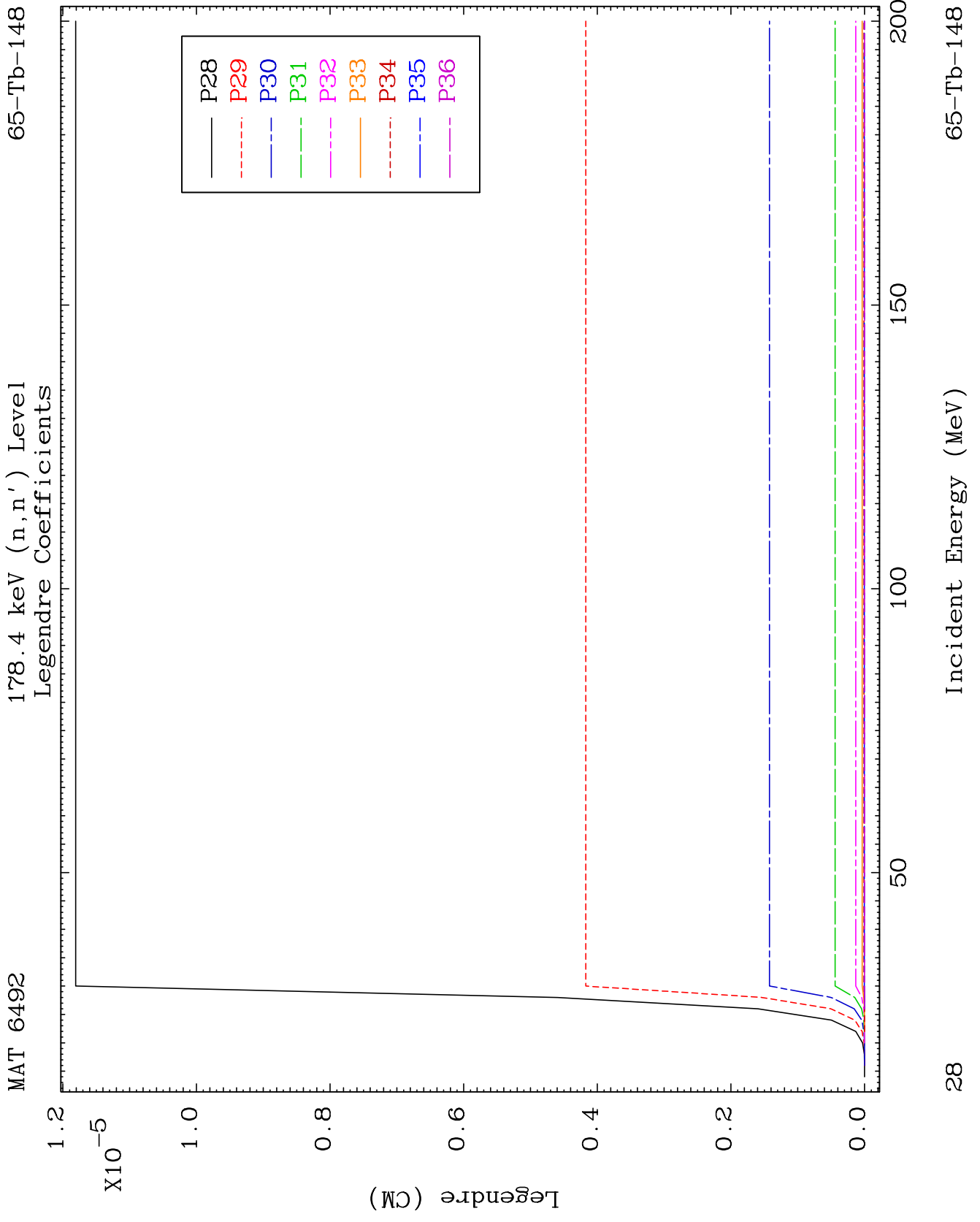
65-Tb-148



27

Incident Energy (MeV)

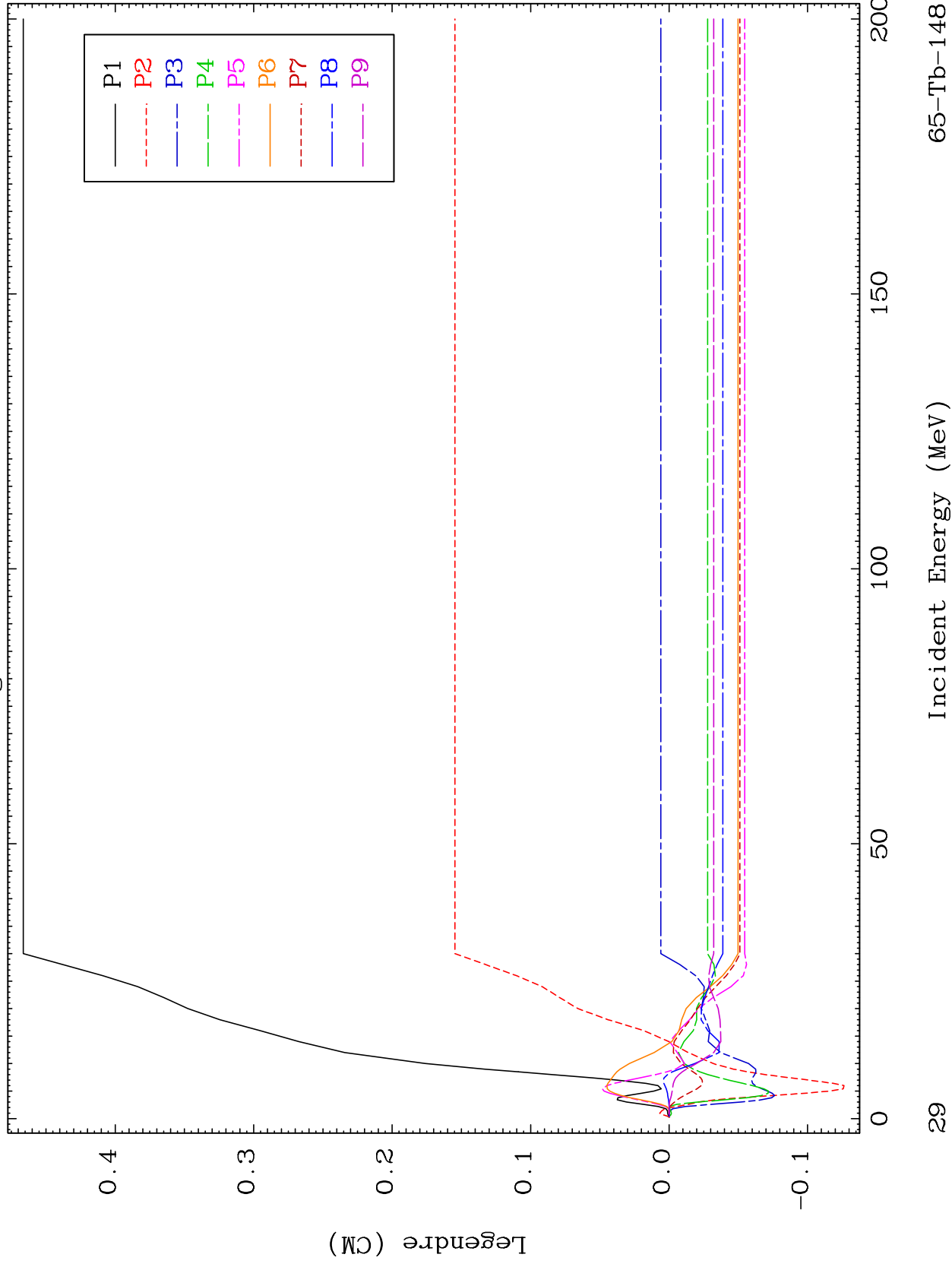
65-Tb-148



MAT 6492

195.4 keV (n,n') Level  
Legendre Coefficients

65-Tb-148

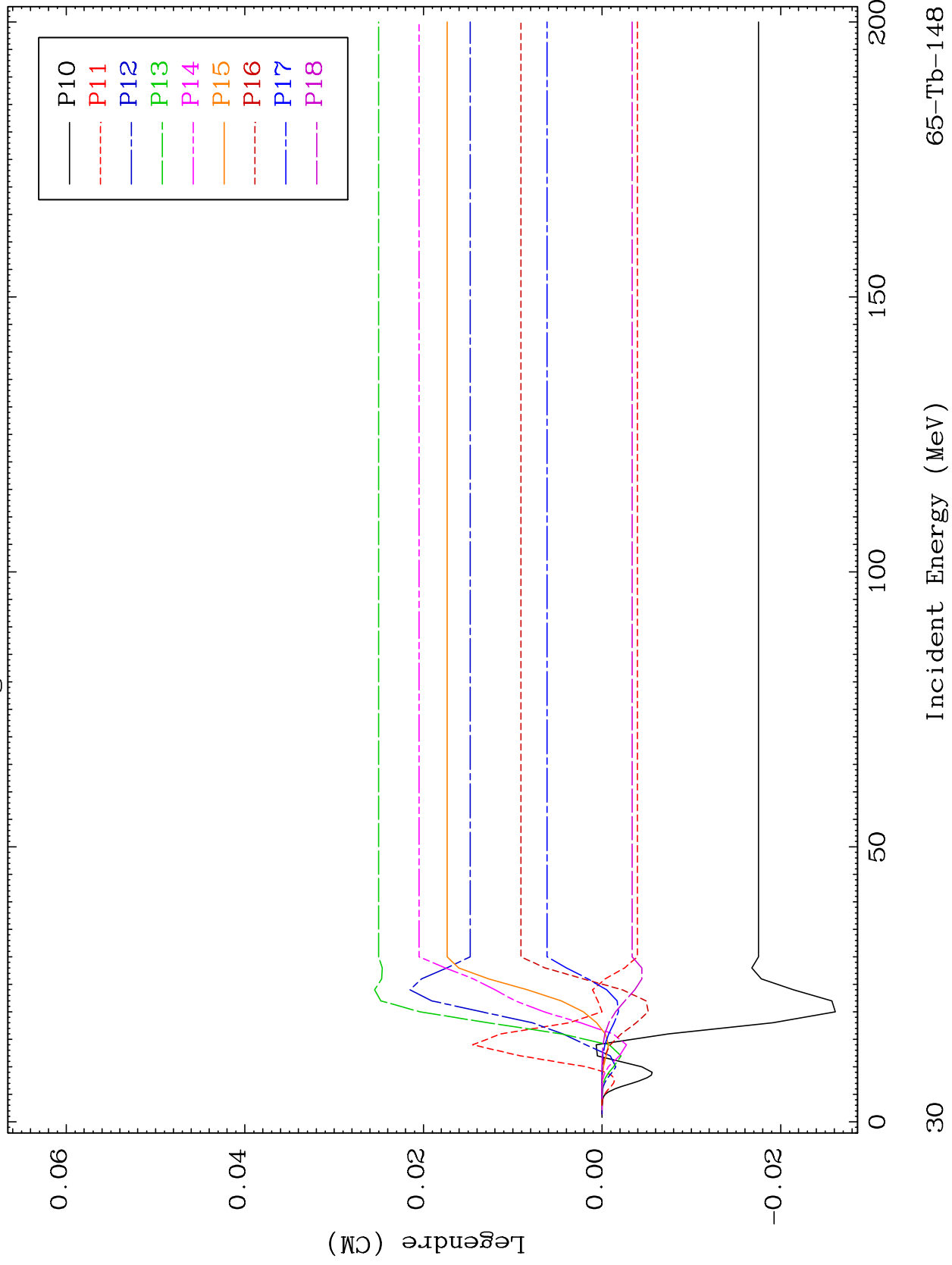


29

MAT 6492

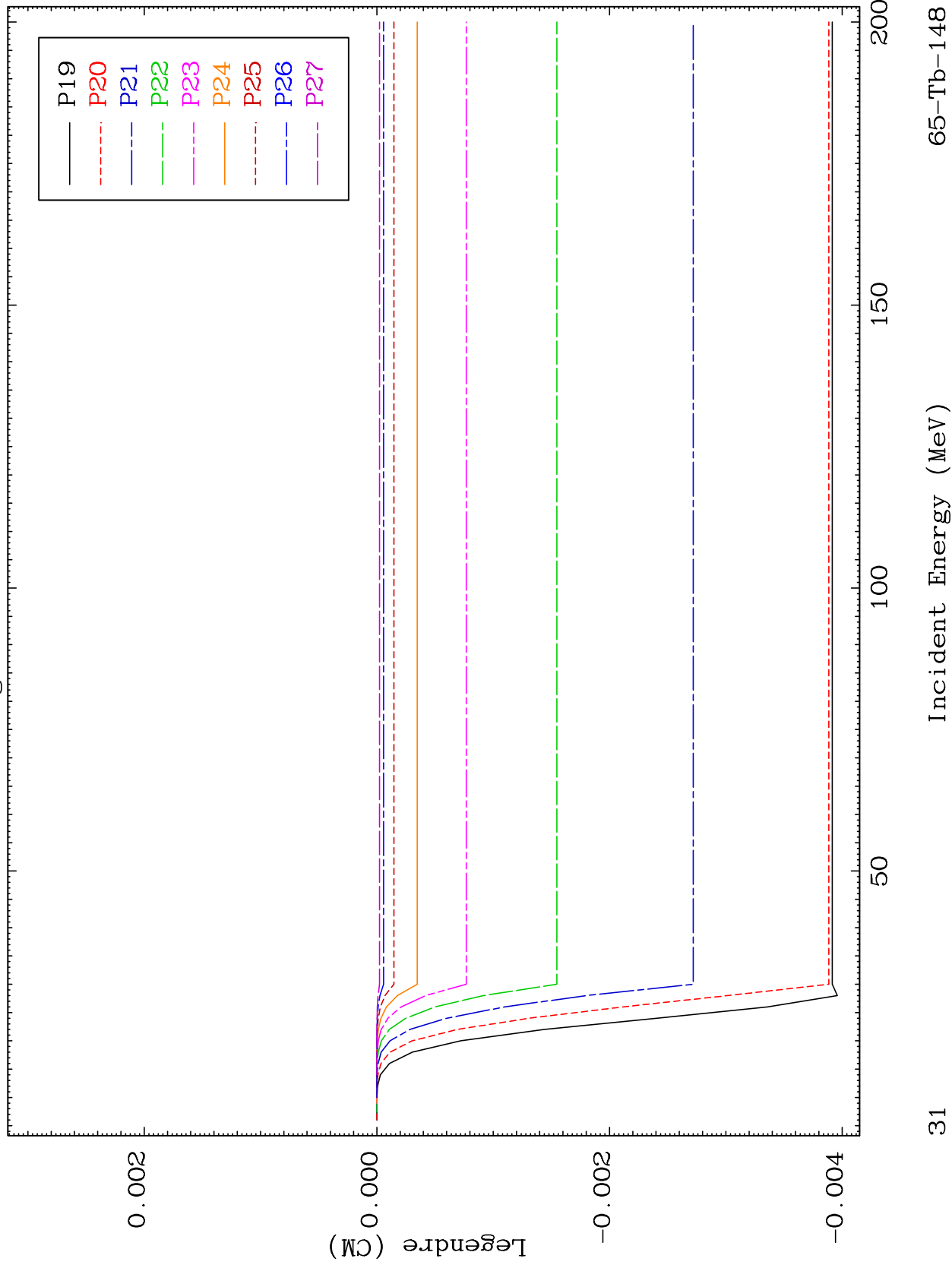
195.4 keV (n,n') Level  
Legendre Coefficients

65-Tb-148

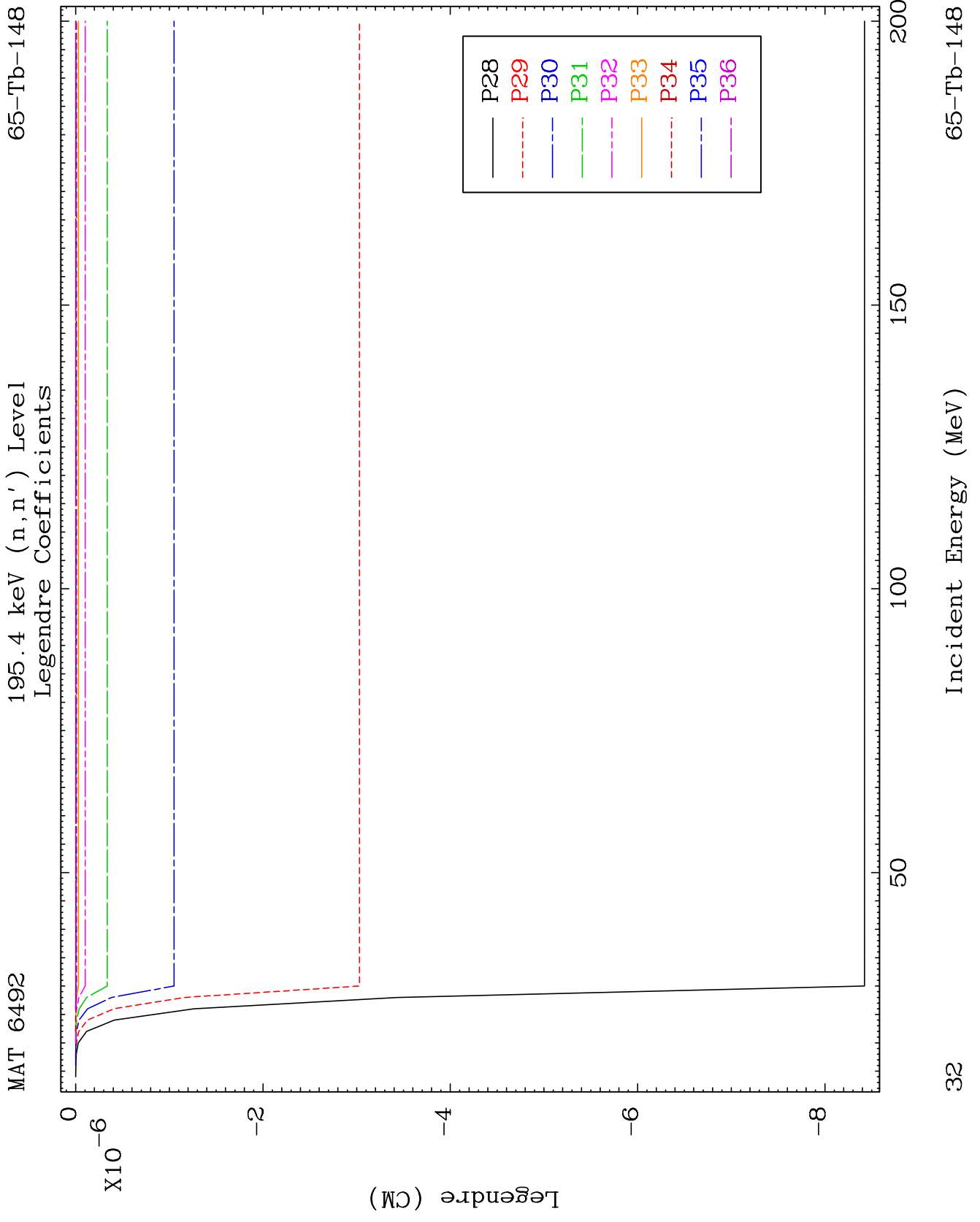


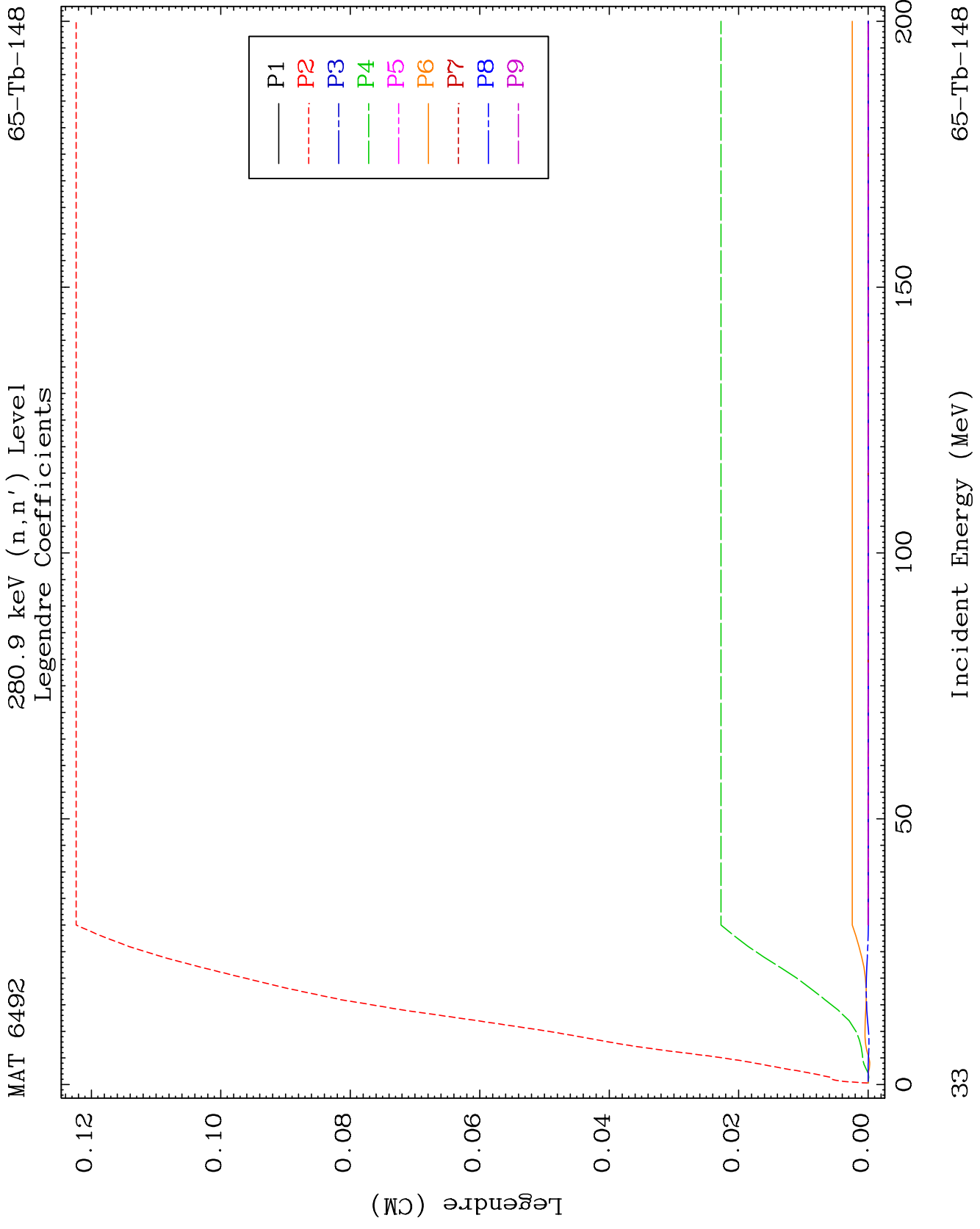
65-Tb-148

Incident Energy (MeV)





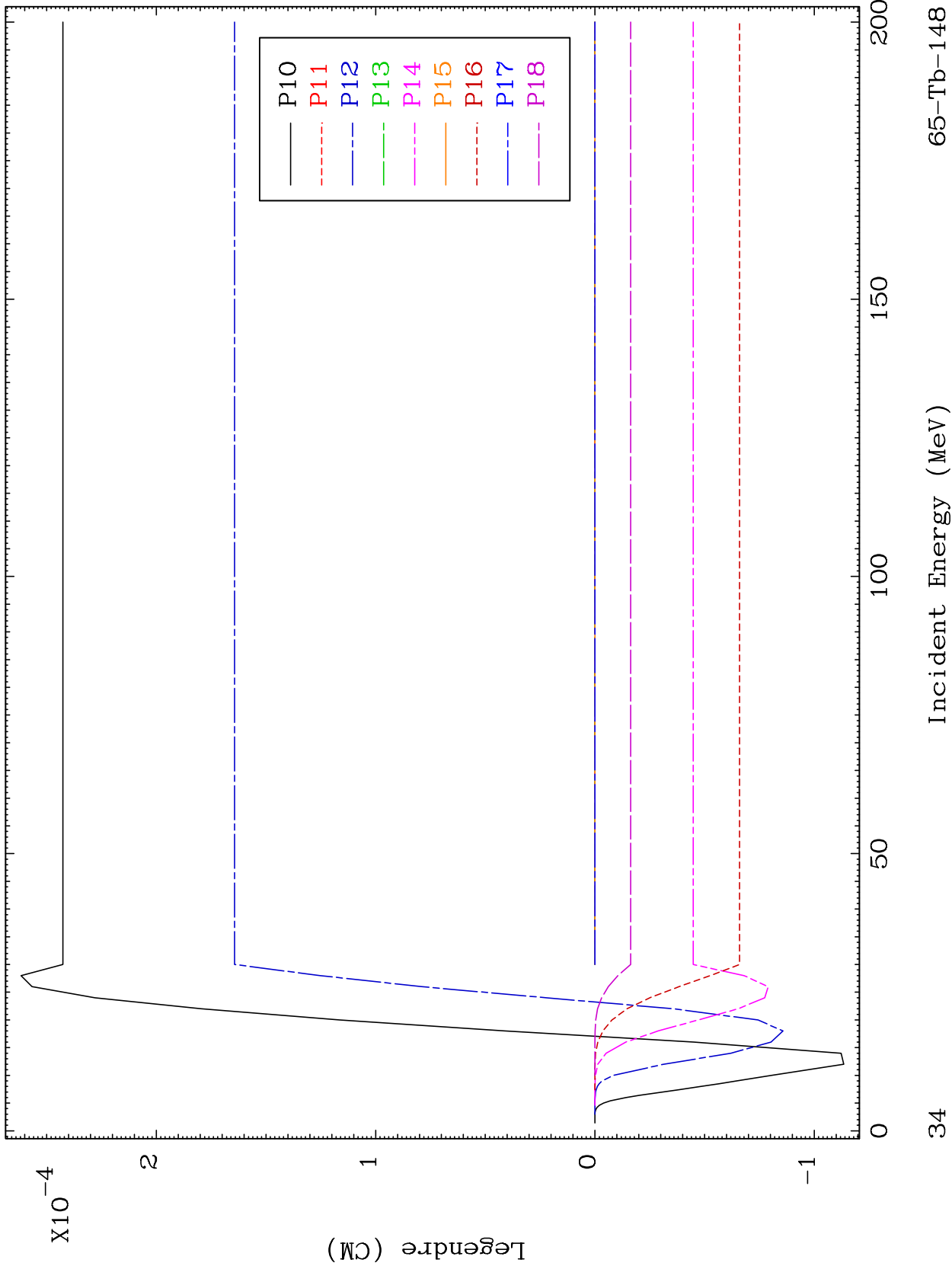




MAT 6492

280.9 keV (n,n') Level  
Legendre Coefficients

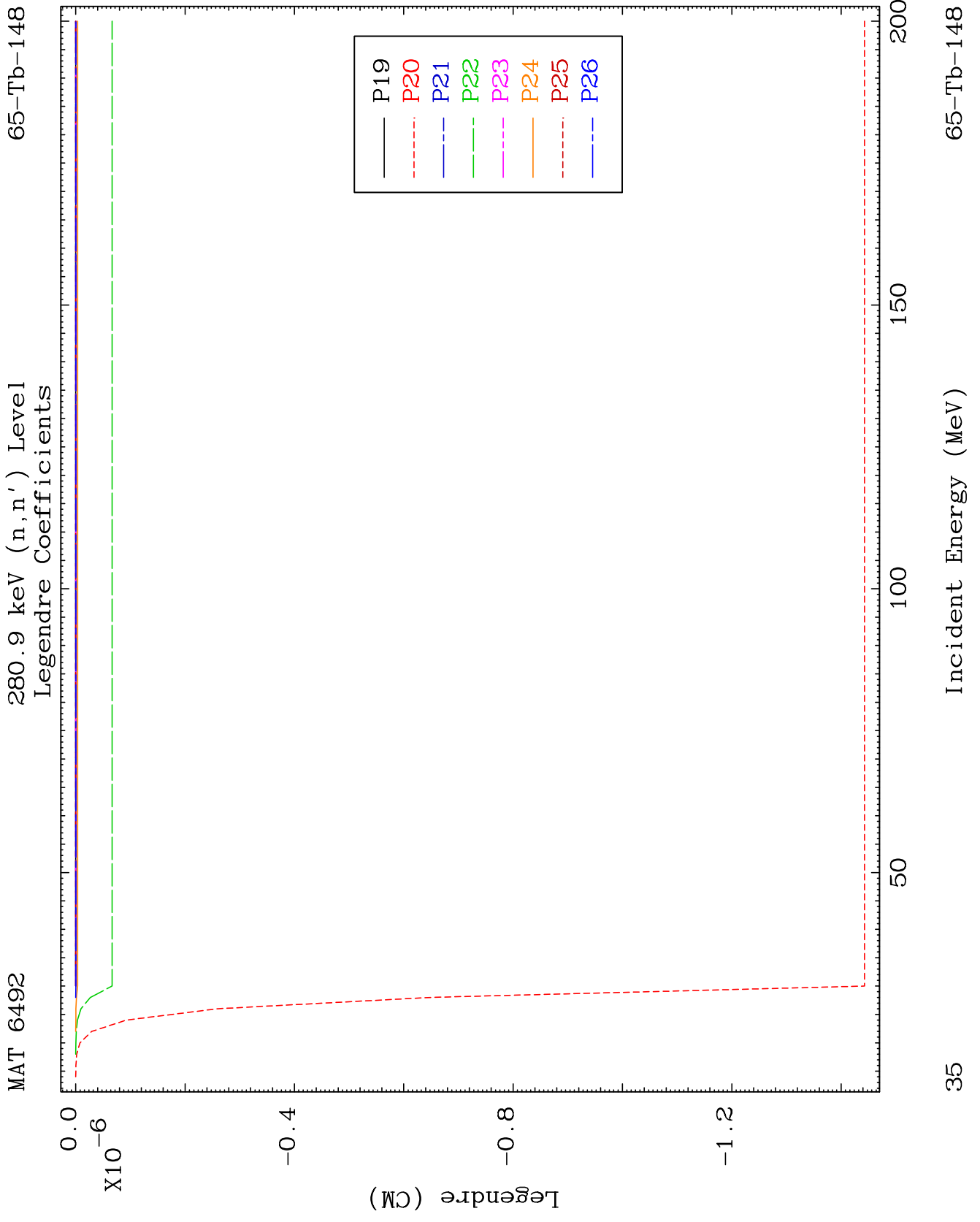
65-Tb-148



65-Tb-148

Incident Energy (MeV)

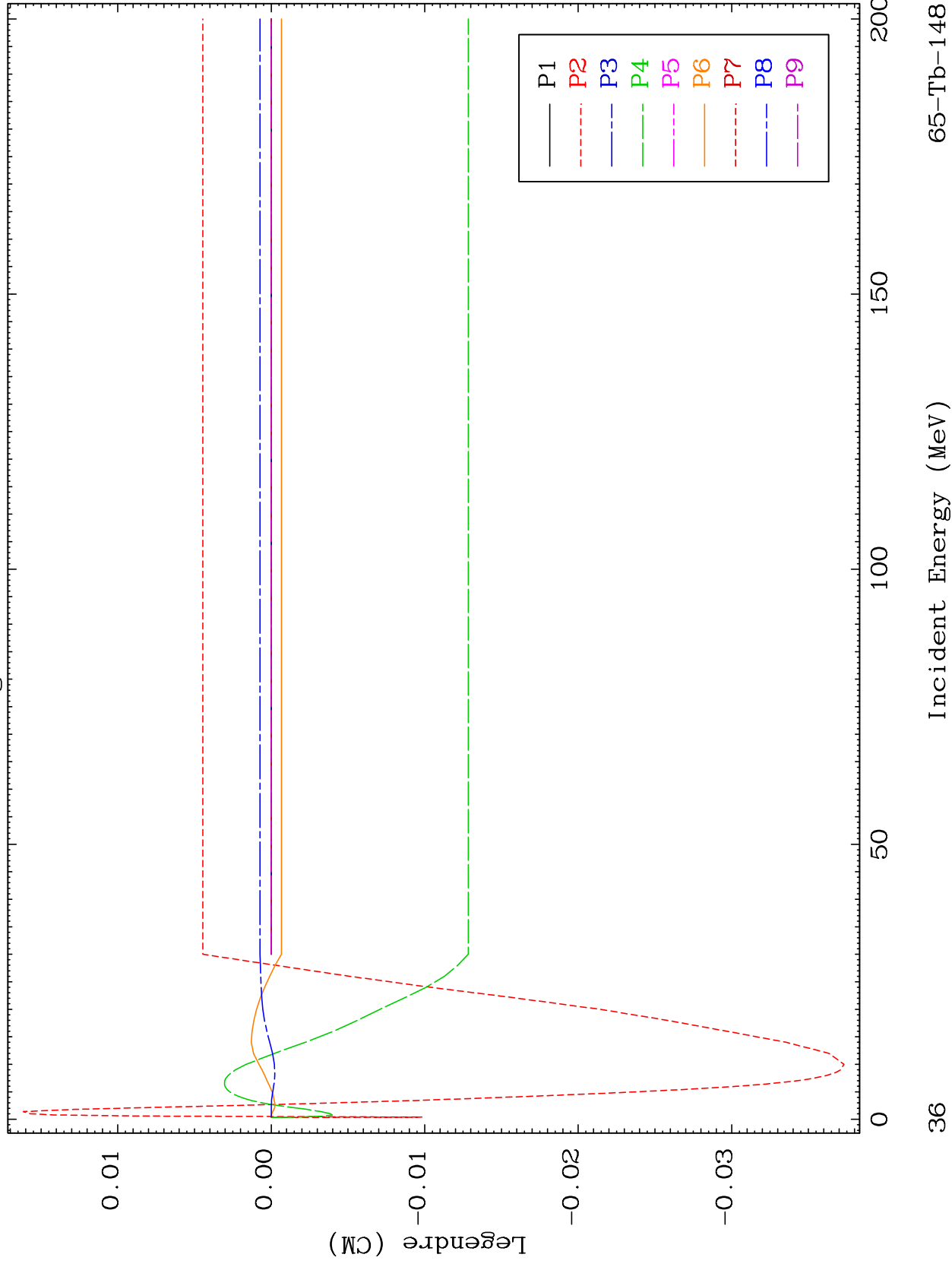
34



MAT 6492

327.9 keV (n,n') Level  
Legendre Coefficients

65-Tb-148



65-Tb-148

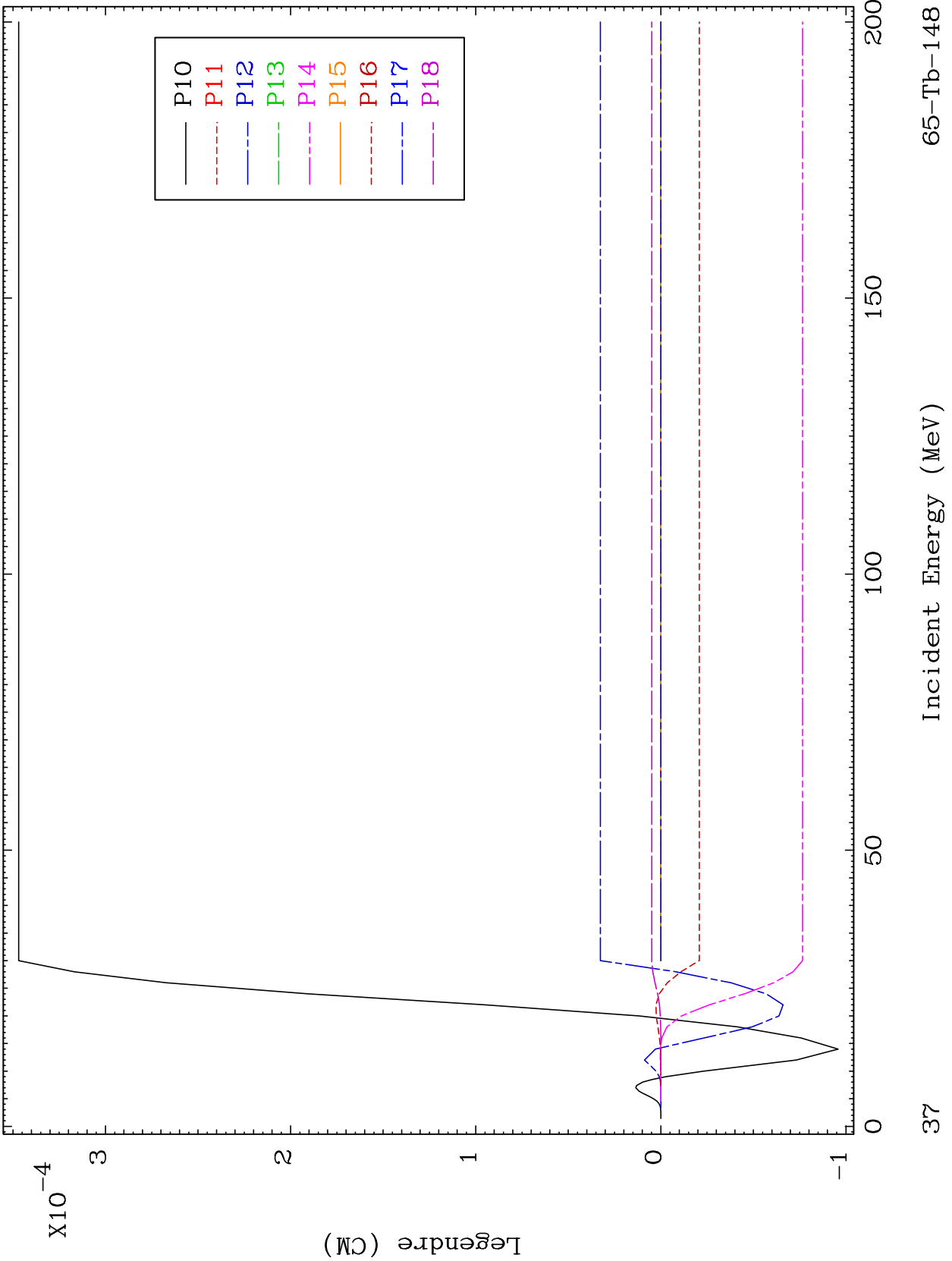
Incident Energy (MeV)

36

MAT 6492

327.9 keV (n,n') Level  
Legendre Coefficients

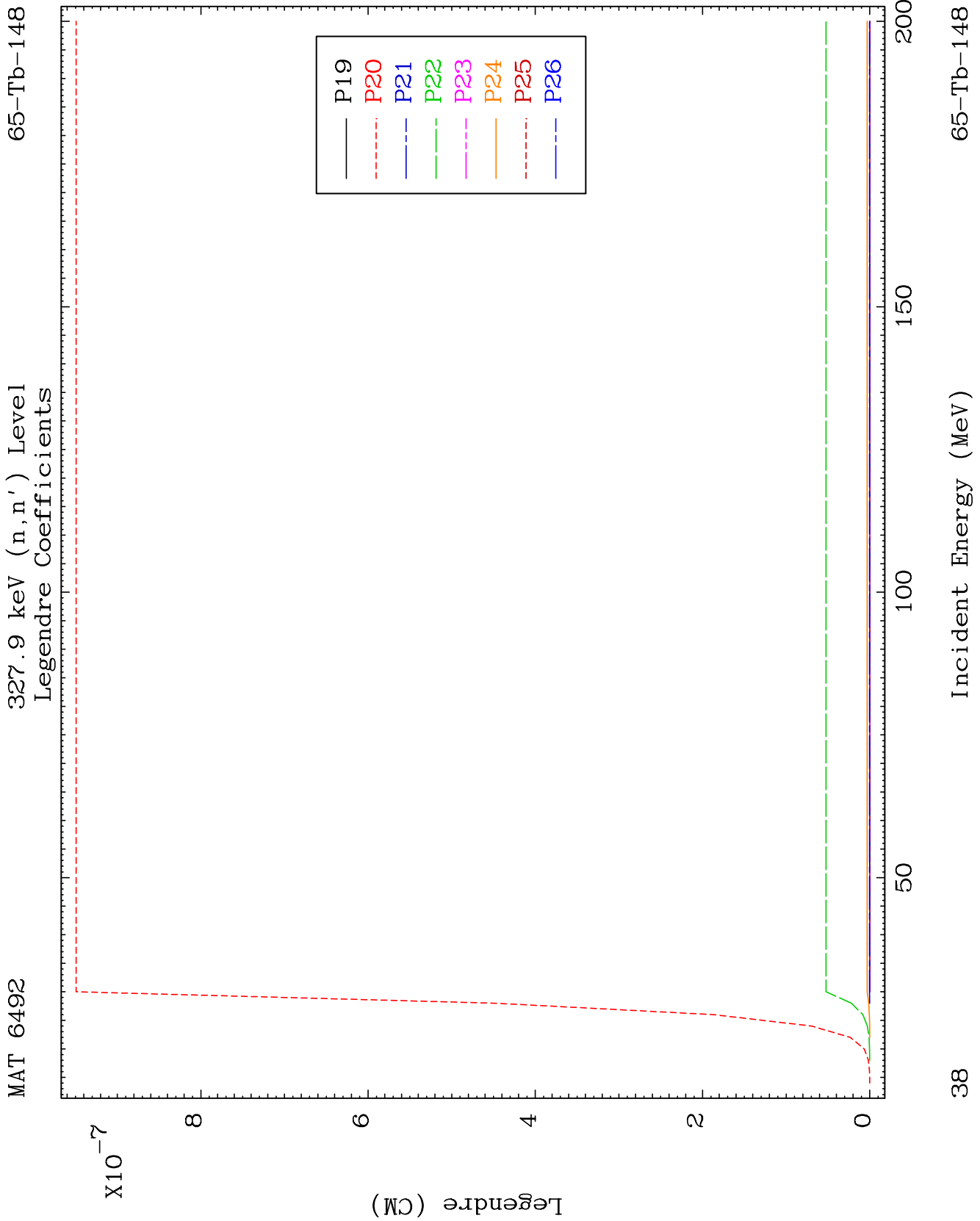
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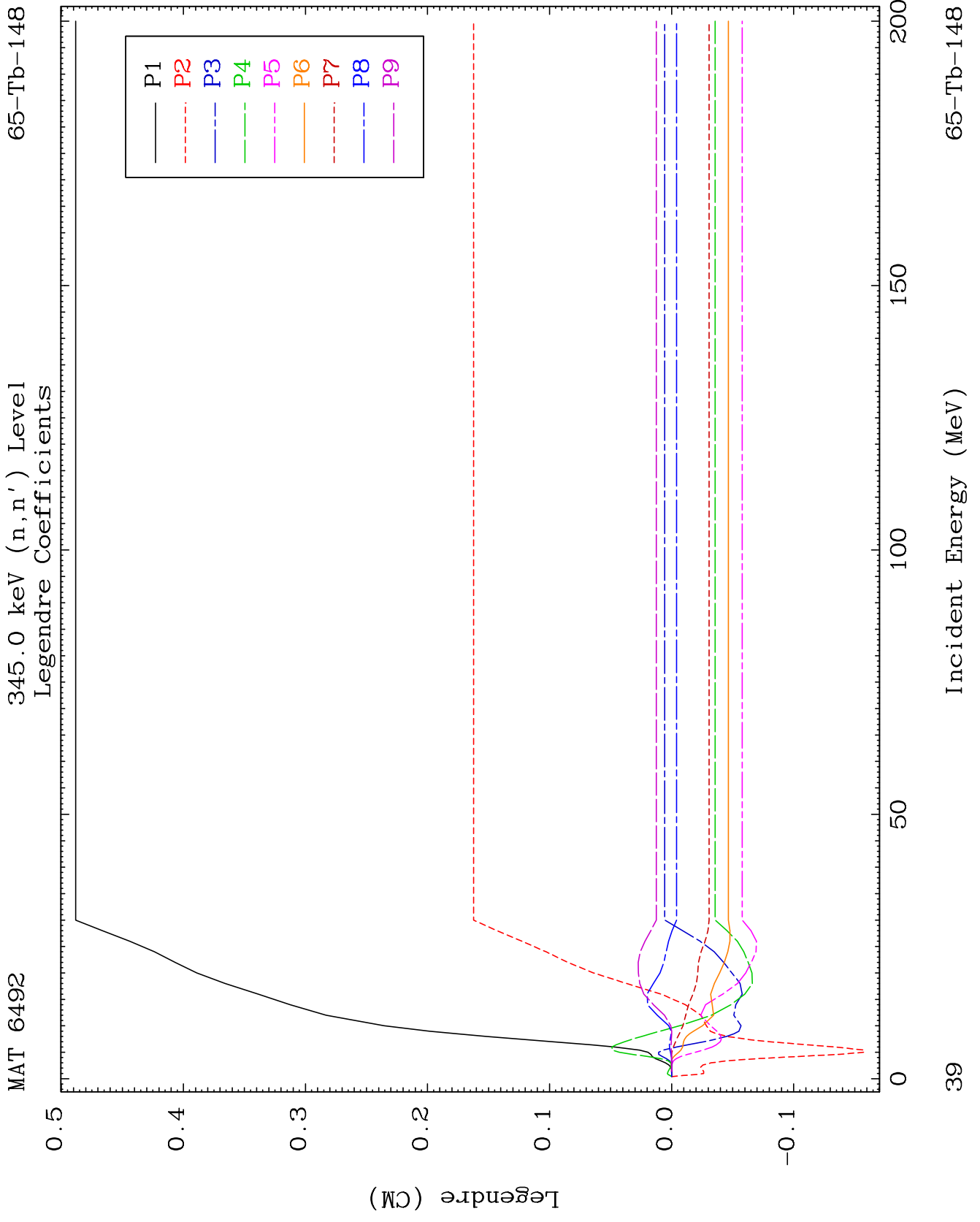


65-Tb-148

Incident Energy (MeV)

37



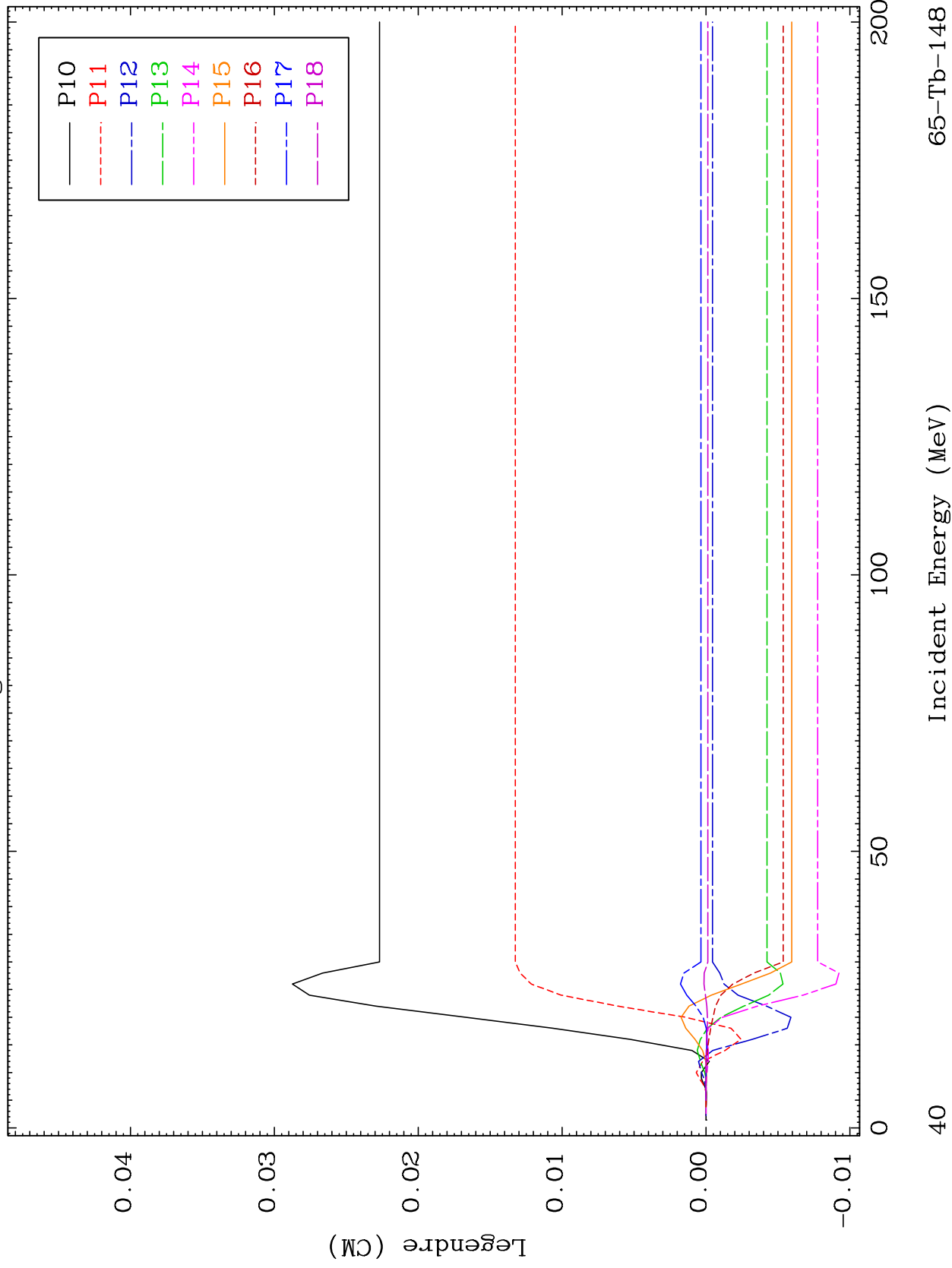




MAT 6492

345.0 keV (n,n') Level  
Legendre Coefficients

65-Tb-148



65-Tb-148

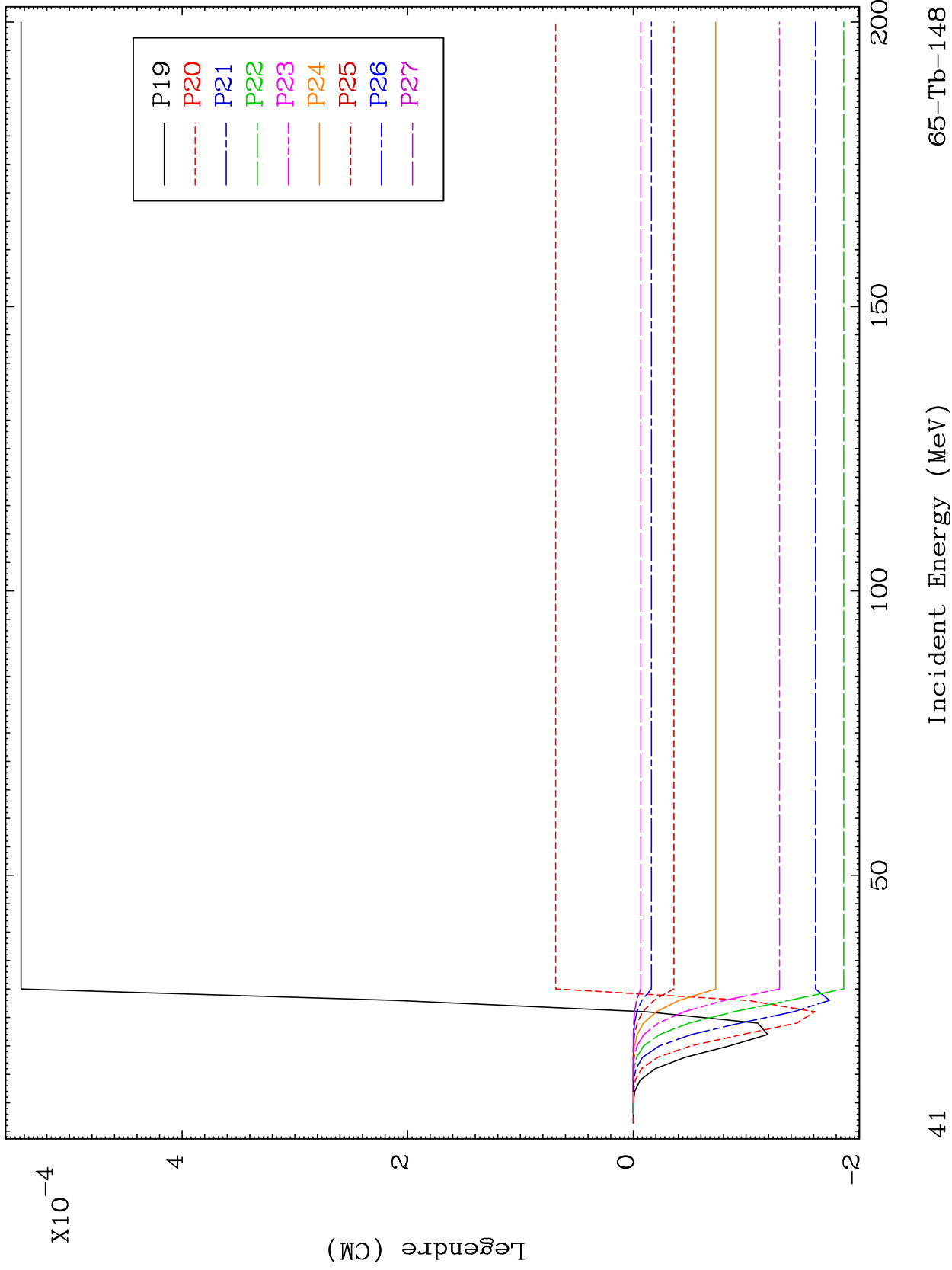
Incident Energy (MeV)

40

MAT 6492

345.0 keV (n, n') Level  
Legendre Coefficients

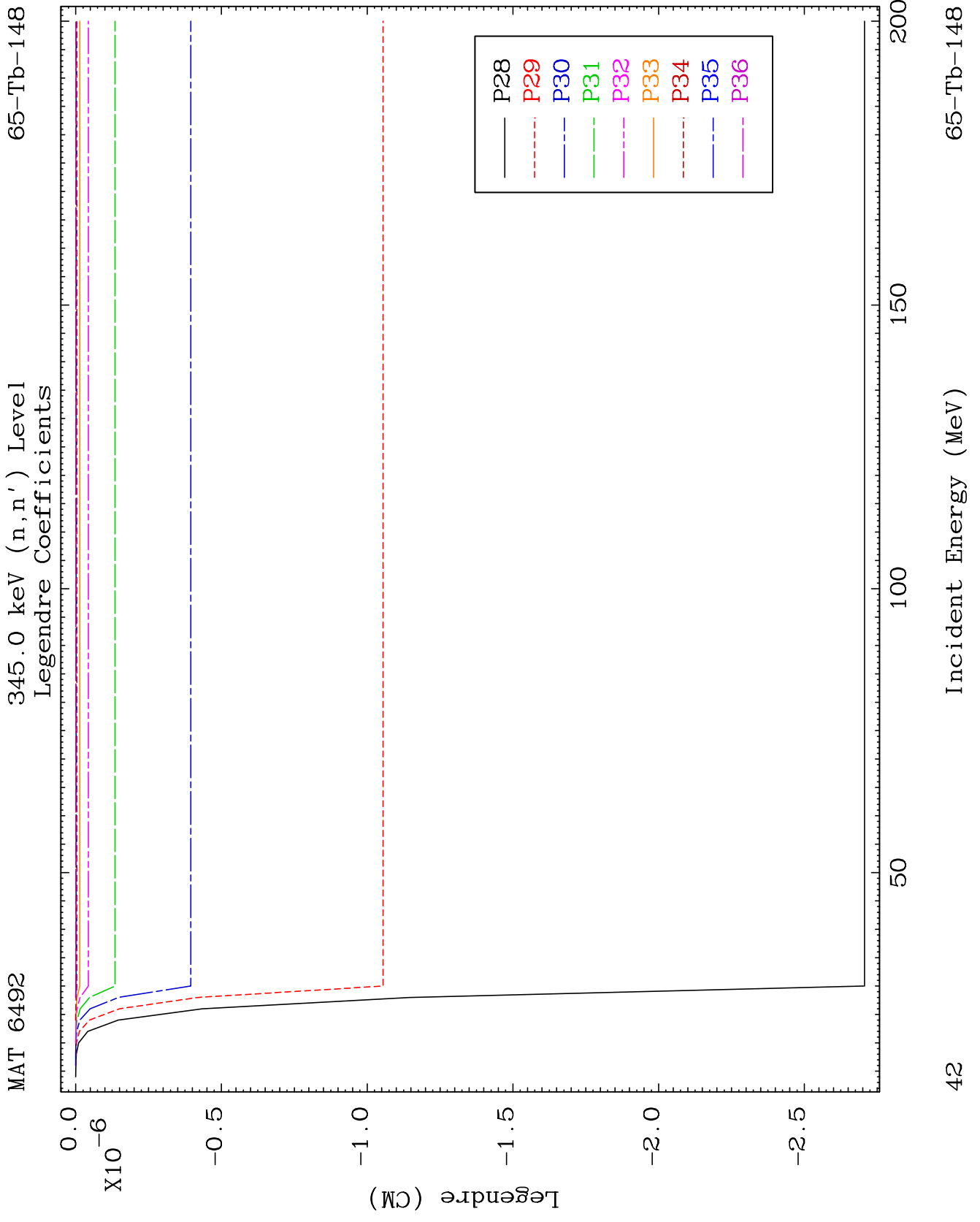
65-Tb-148



41

Incident Energy (MeV)

65-Tb-148

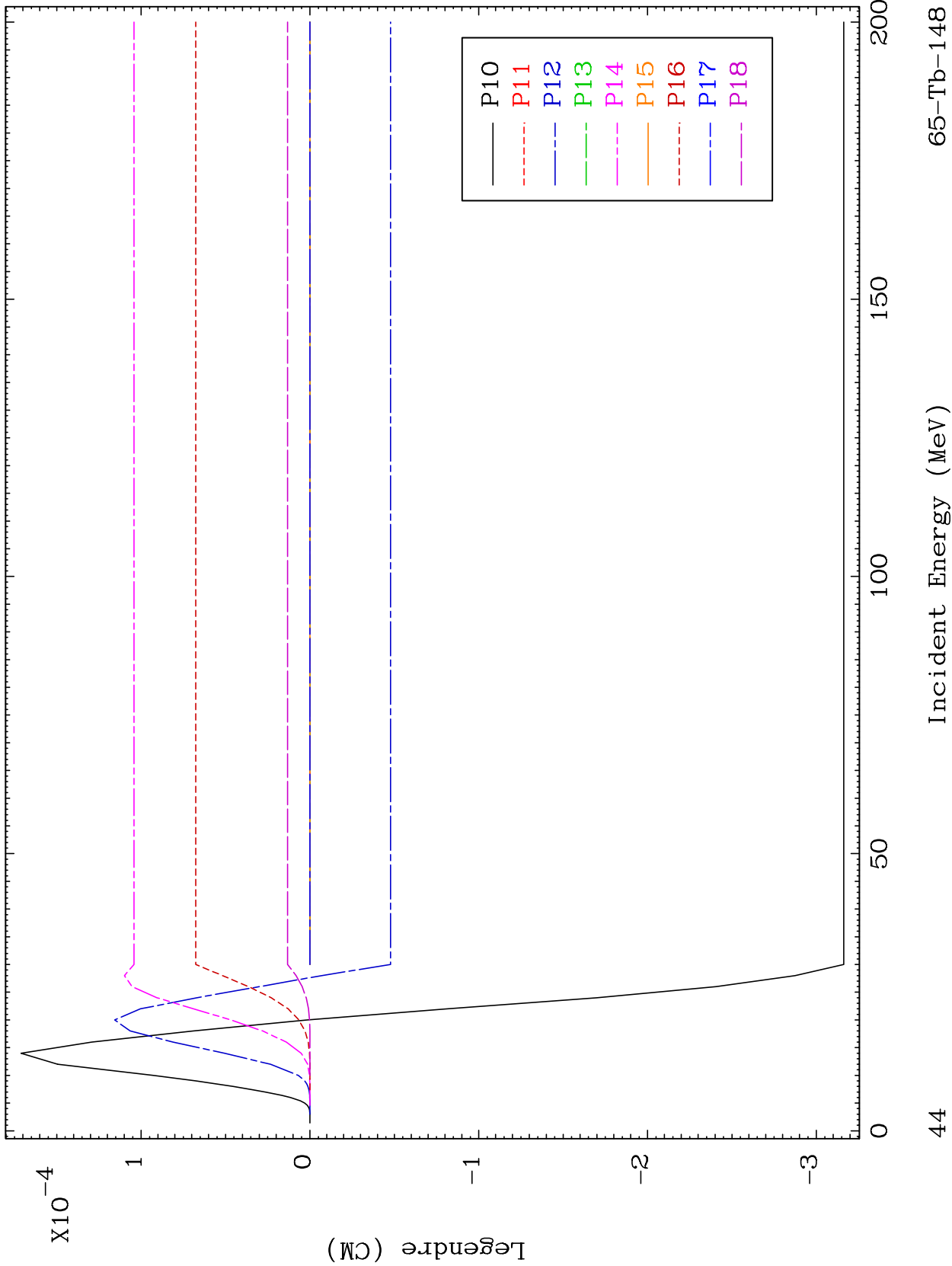




MAT 6492

351.3 keV (n,n') Level  
Legendre Coefficients

65-Tb-148



65-Tb-148

Incident Energy (MeV)

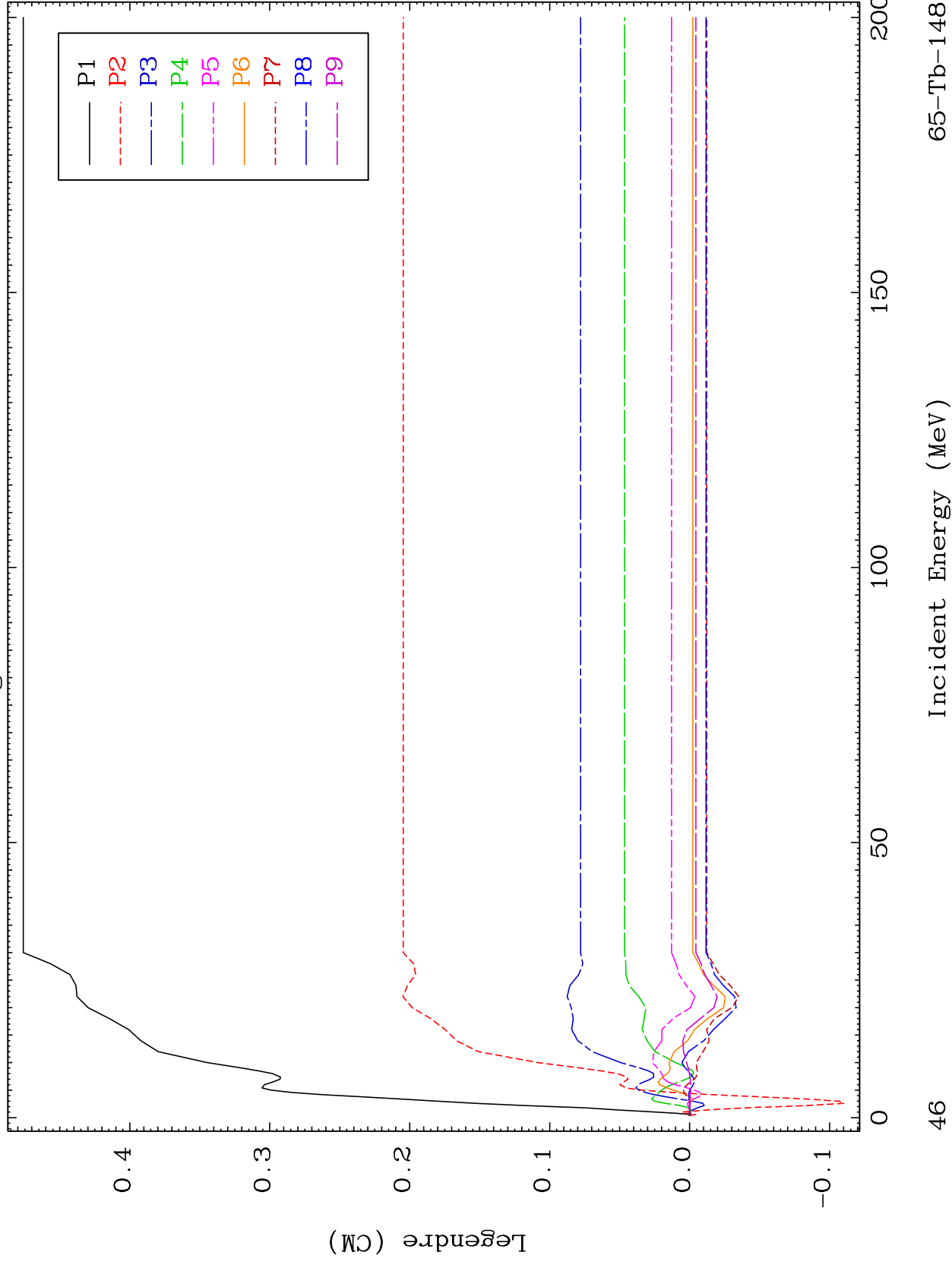
44



MAT 6492

375.3 keV (n,n') Level  
Legendre Coefficients

65-Tb-148



65-Tb-148

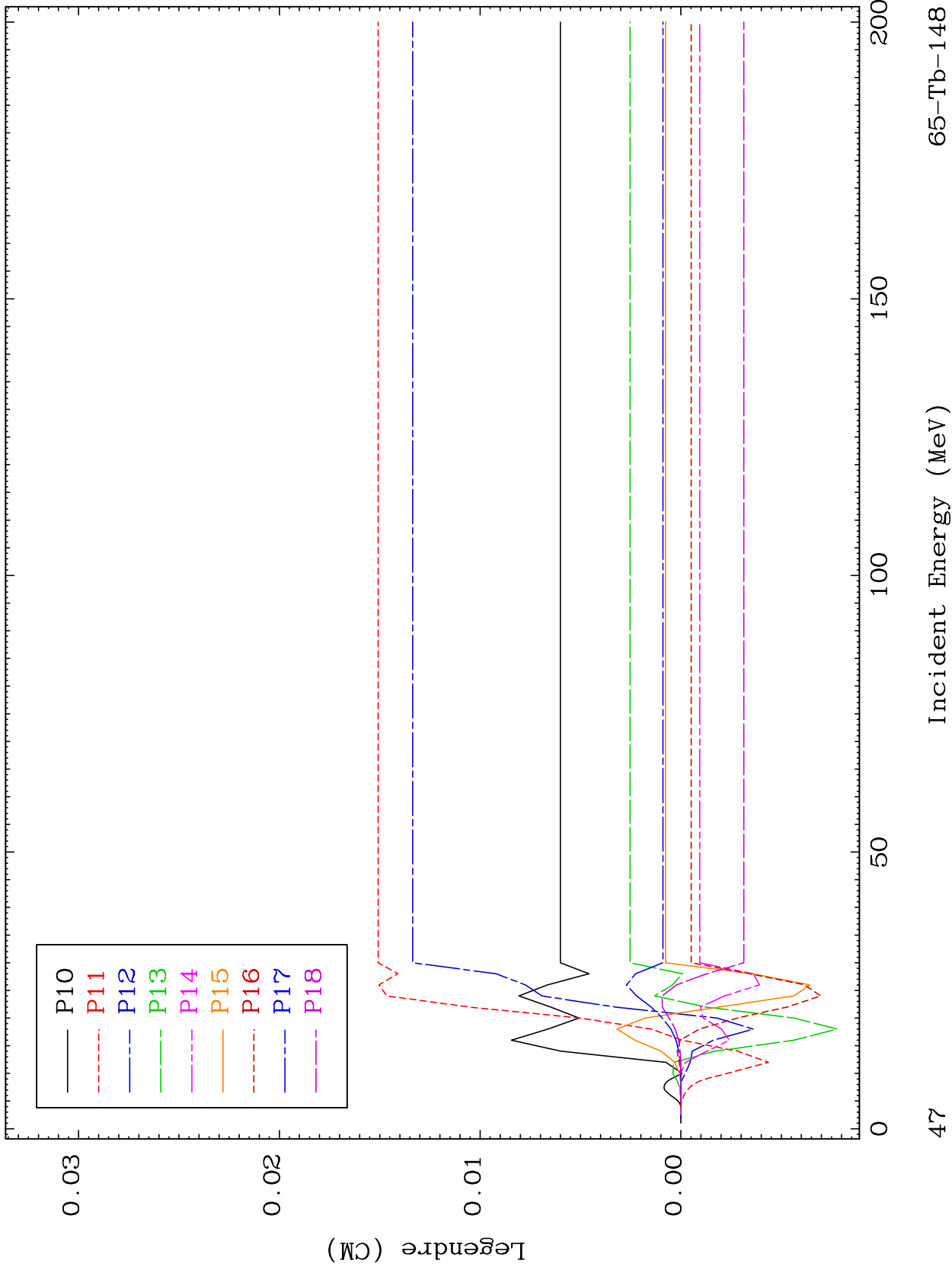
Incident Energy (MeV)

46

MAT 6492

375.3 keV (n, n') Level  
Legendre Coefficients

65-Tb-148



47

Incident Energy (MeV)

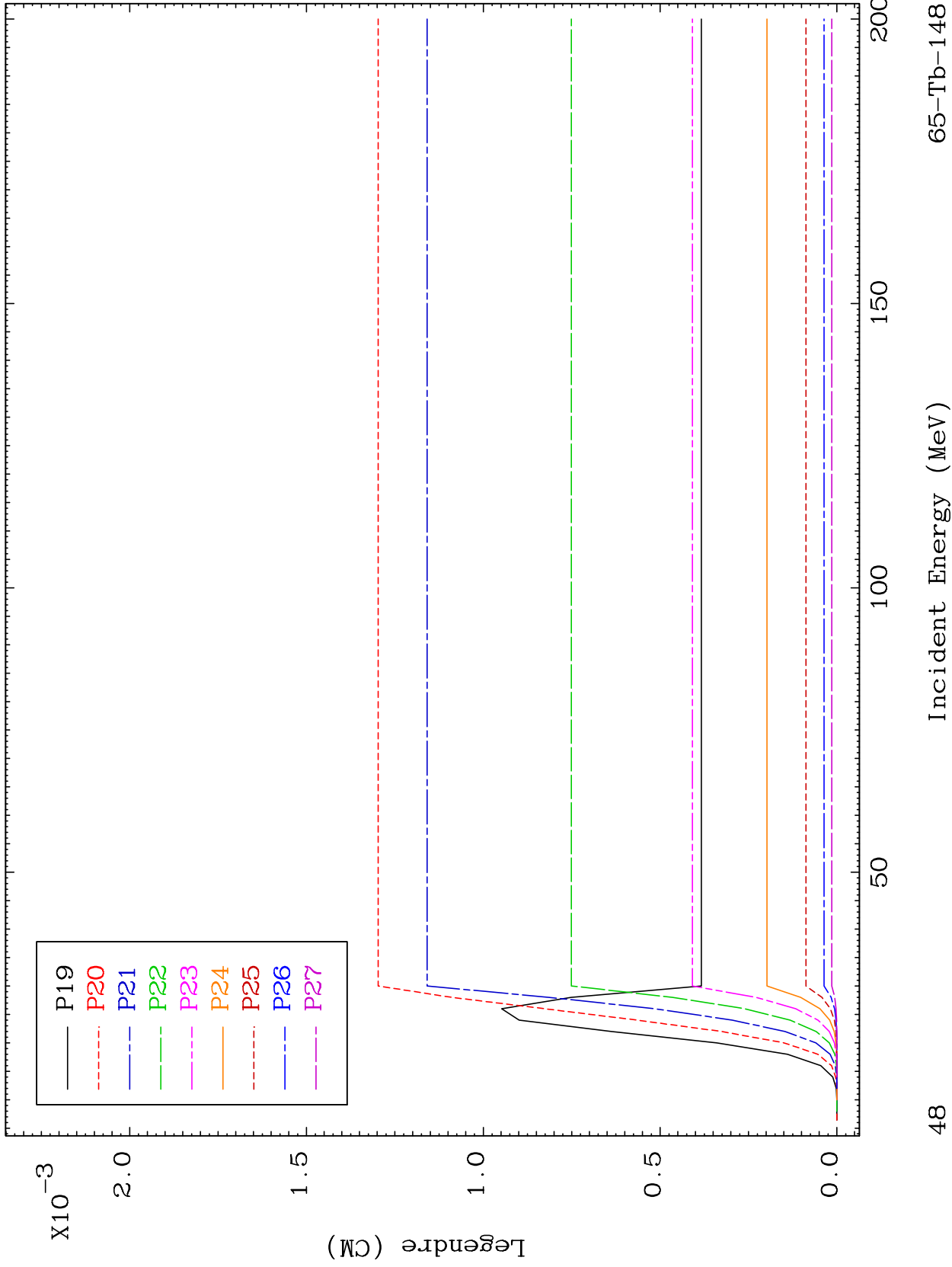
65-Tb-148



MAT 6492

375.3 keV (n, n') Level  
Legendre Coefficients

65-Tb-148



48

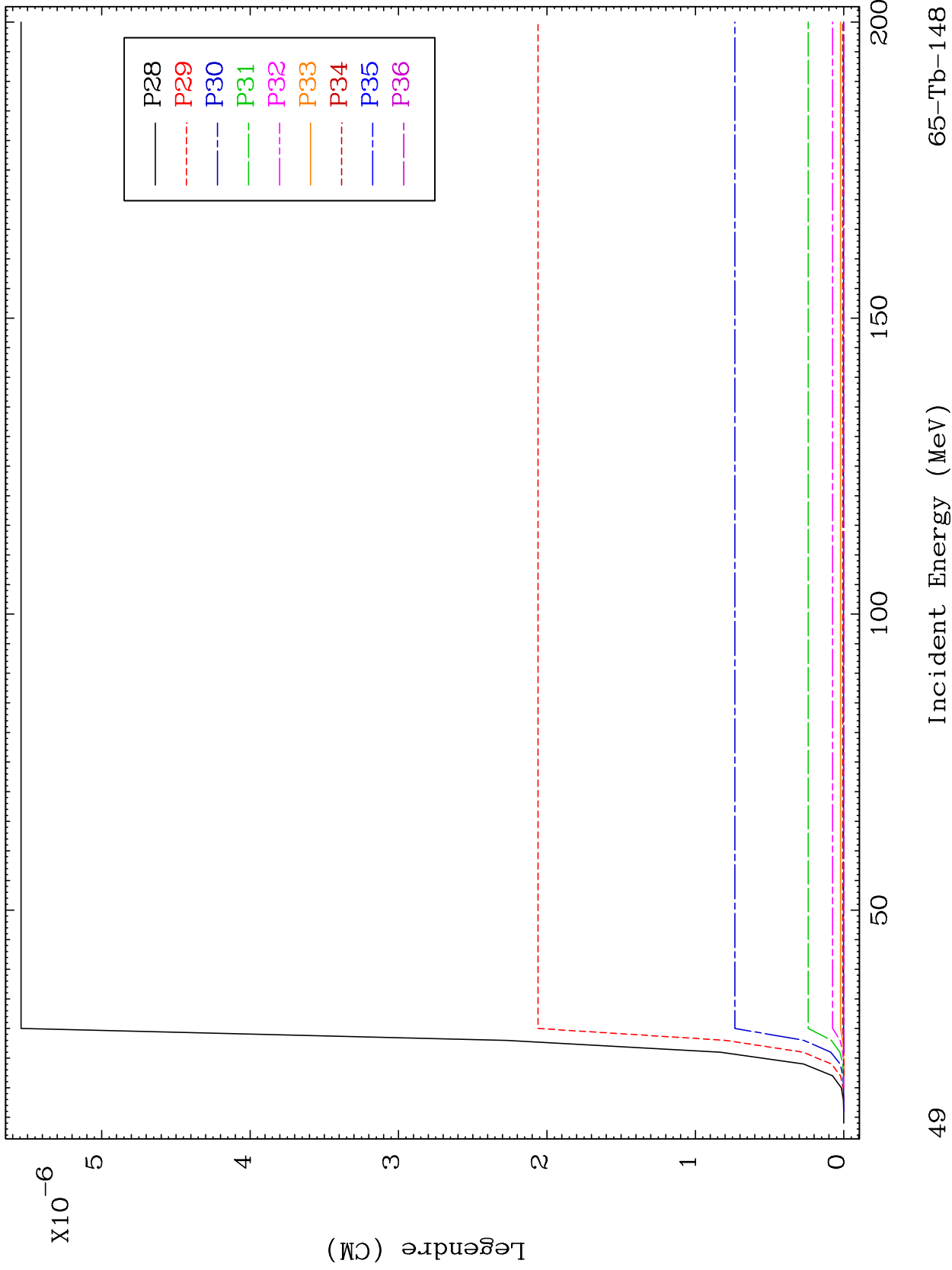
Incident Energy (MeV)

65-Tb-148

MAT 6492

375.3 keV (n,n') Level  
Legendre Coefficients

65-Tb-148



49

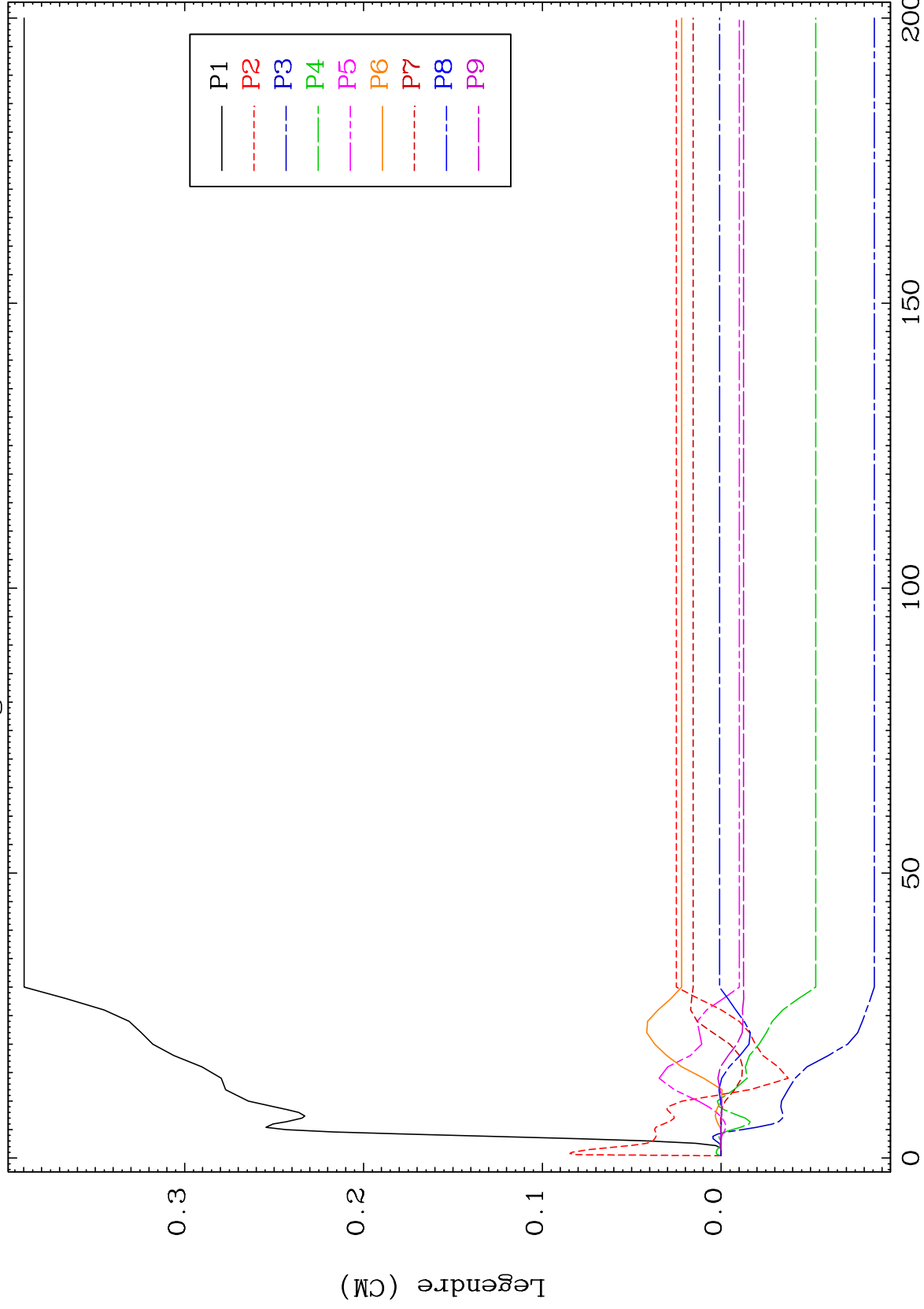
Incident Energy (MeV)

65-Tb-148

MAT 6492

406.0 keV (n, n') Level  
Legendre Coefficients

65-Tb-148



65-Tb-148

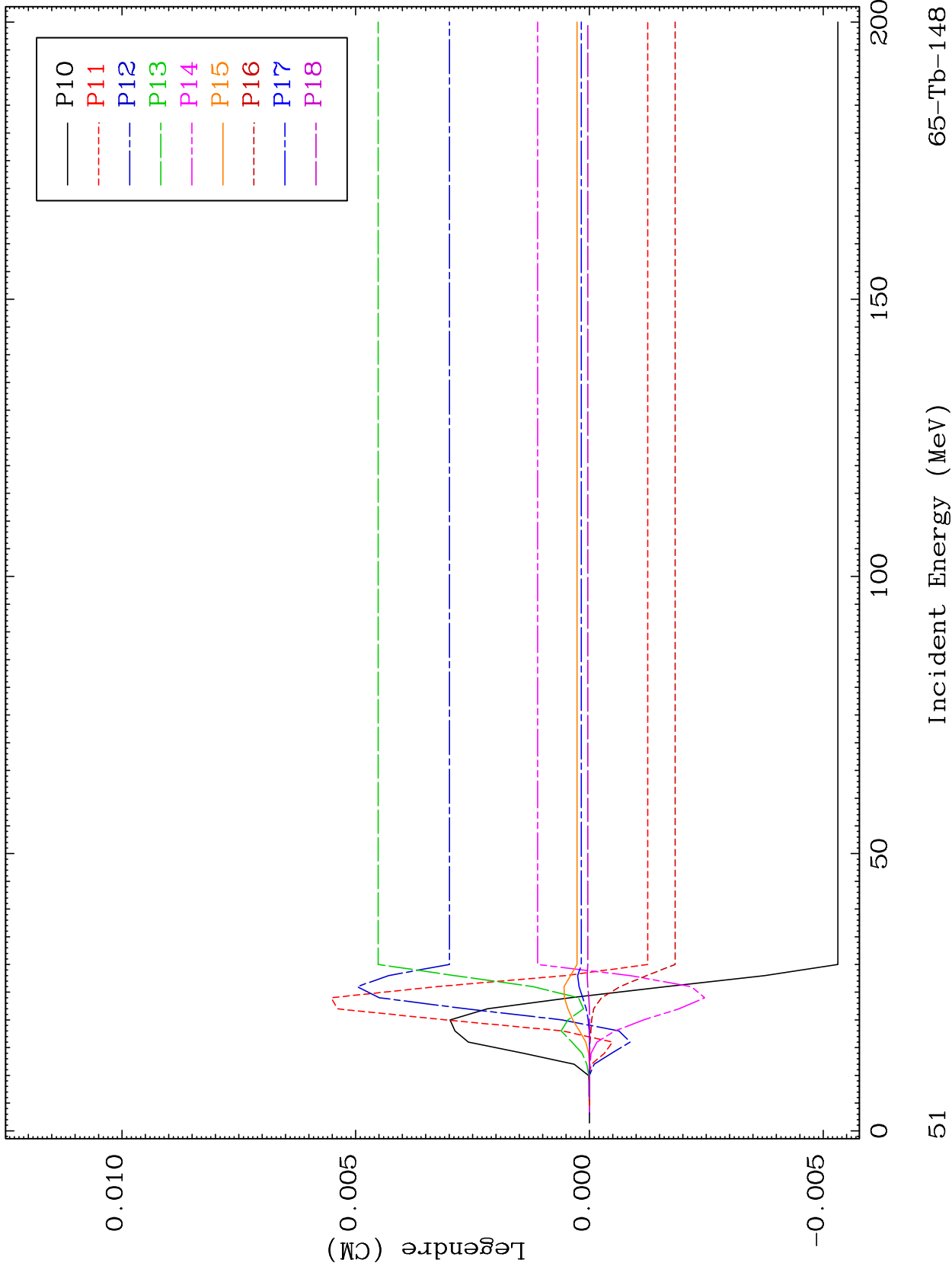
Incident Energy (MeV)

50

MAT 6492

406.0 keV (n,n') Level  
Legendre Coefficients

65-Tb-148



51

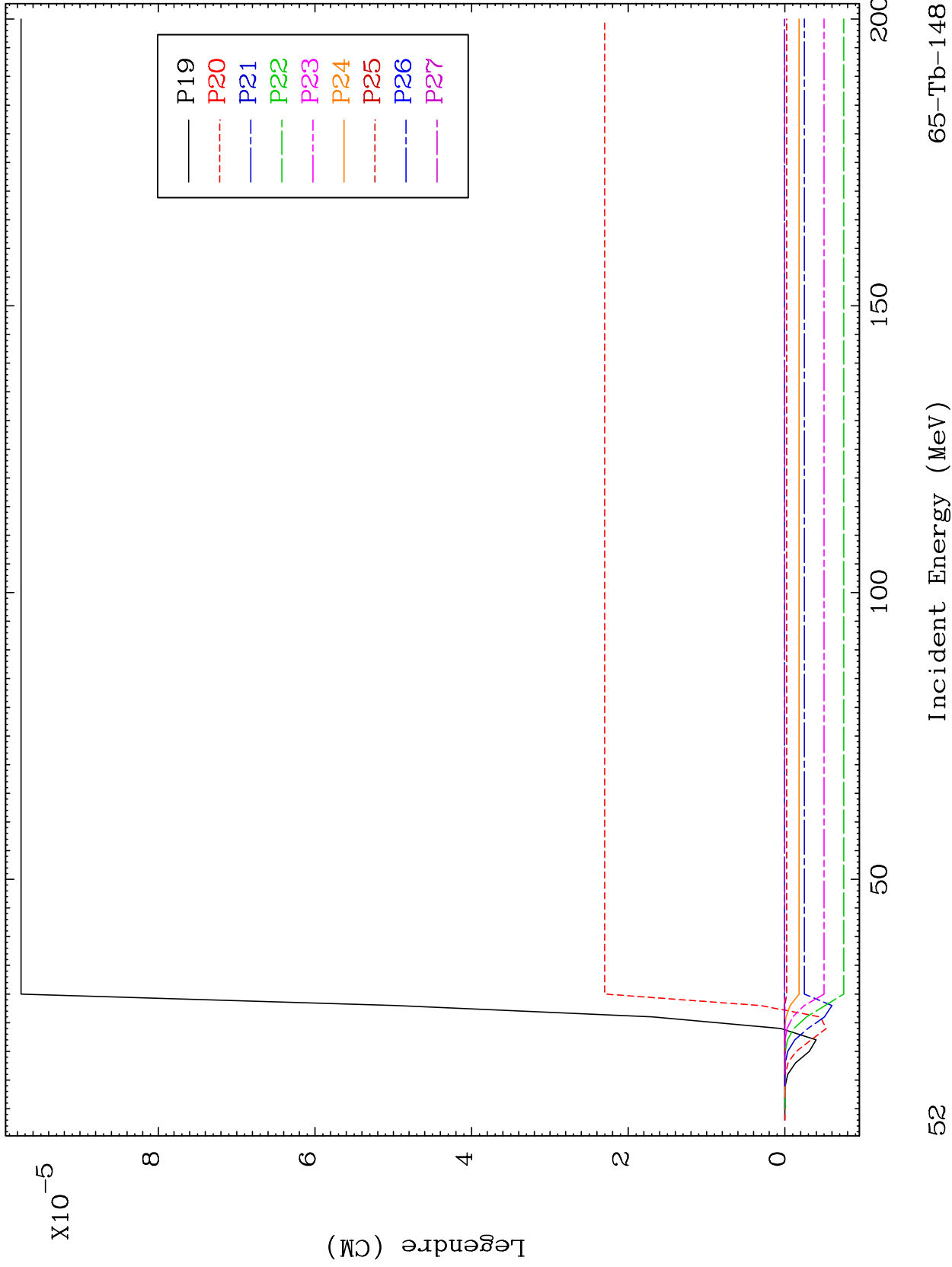
Incident Energy (MeV)

65-Tb-148

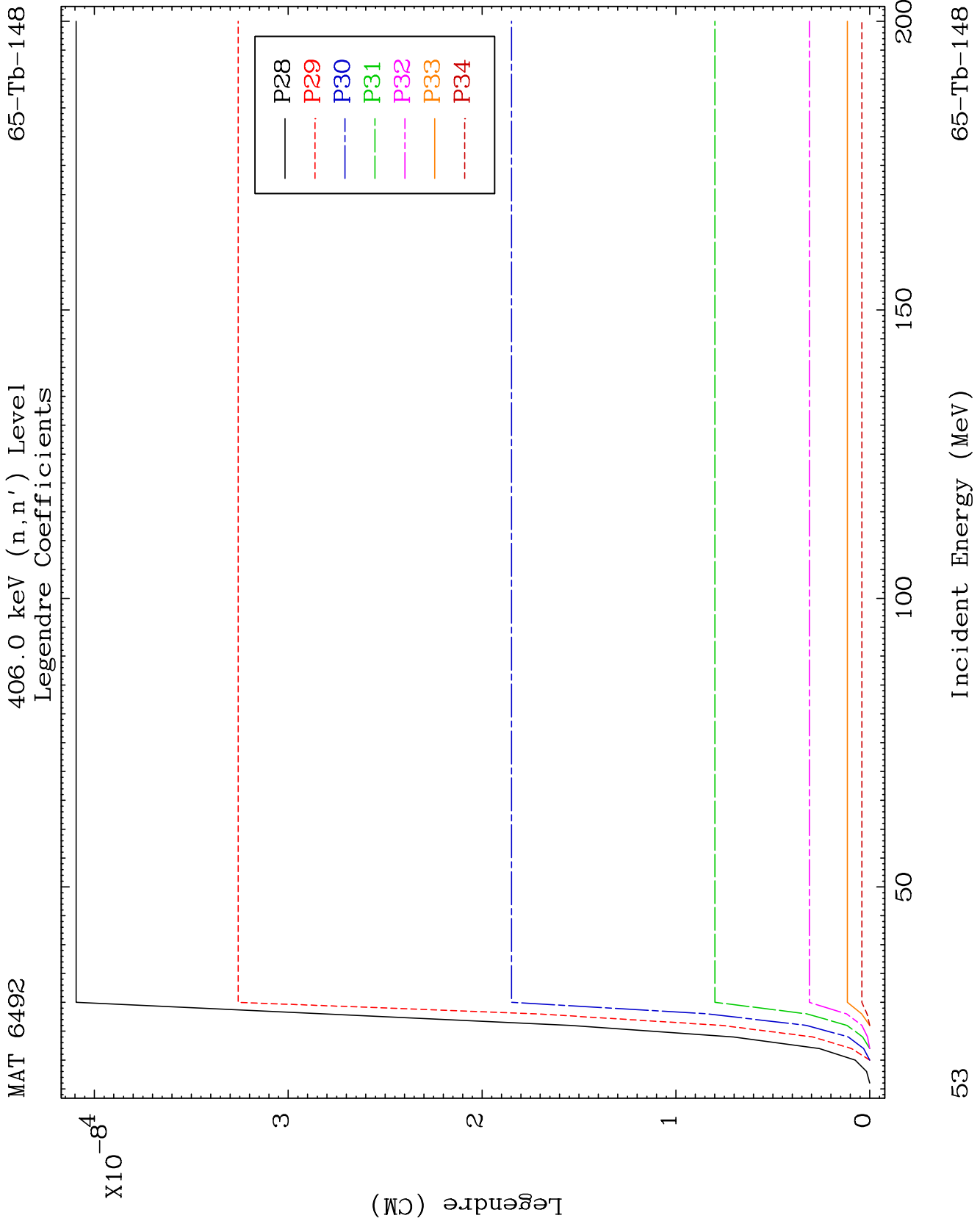
MAT 6492

406.0 keV (n, n') Level  
Legendre Coefficients

65-Tb-148



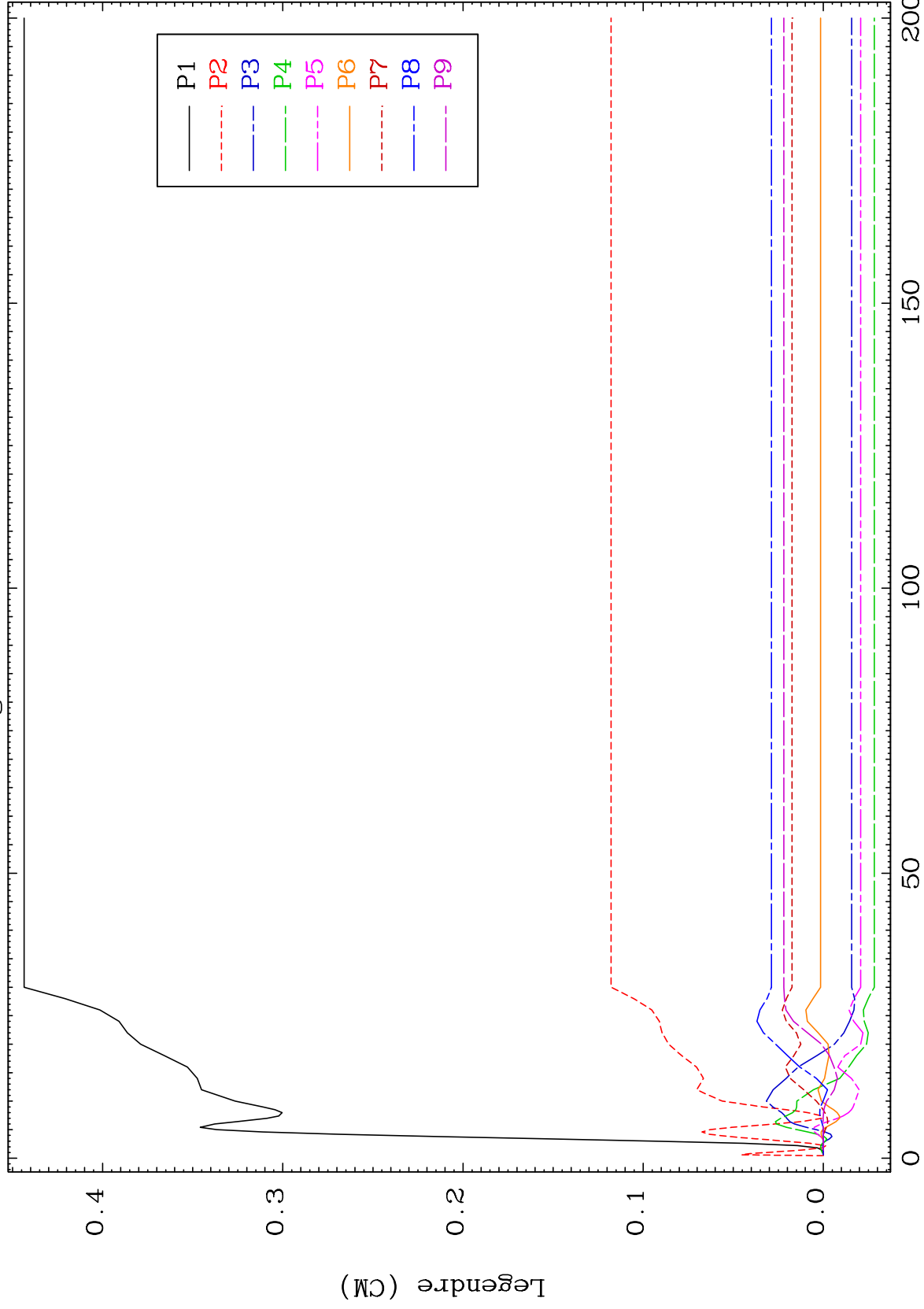
52



MAT 6492

425.8 keV (n,n') Level  
Legendre Coefficients

65-Tb-148



54

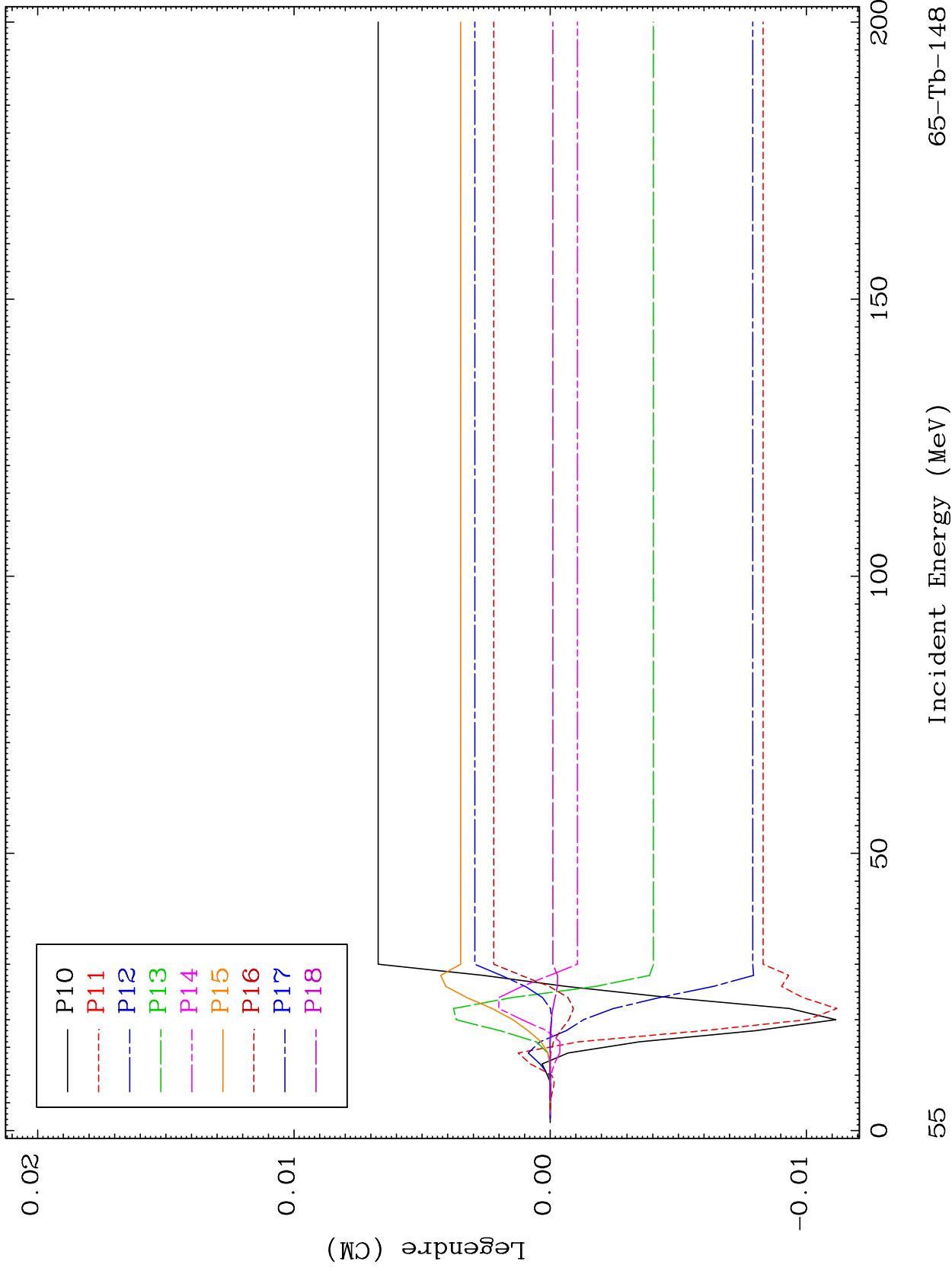
Incident Energy (MeV)

65-Tb-148

MAT 6492

425.8 keV (n,n') Level  
Legendre Coefficients

65-Tb-148

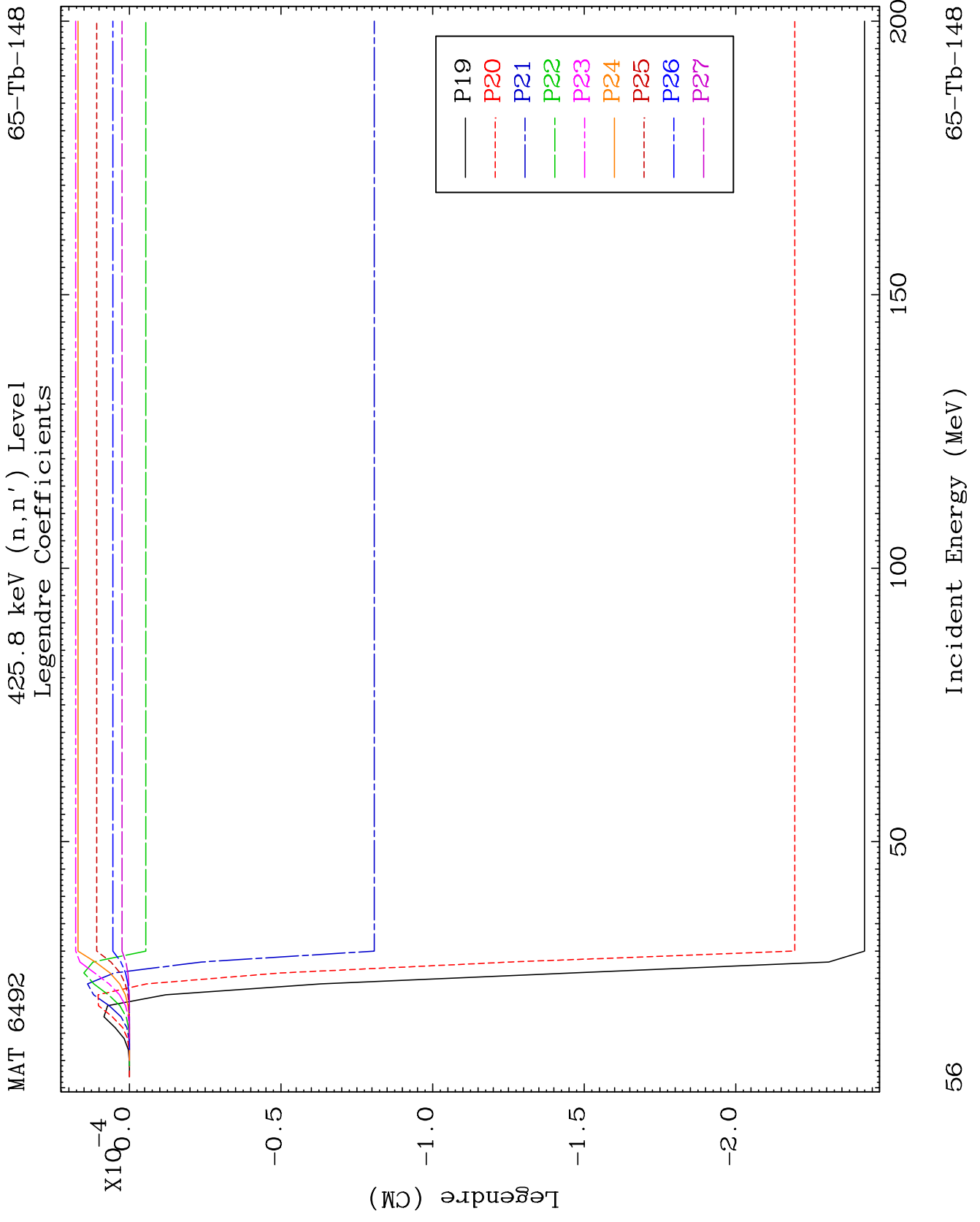


65-Tb-148

Incident Energy (MeV)

55

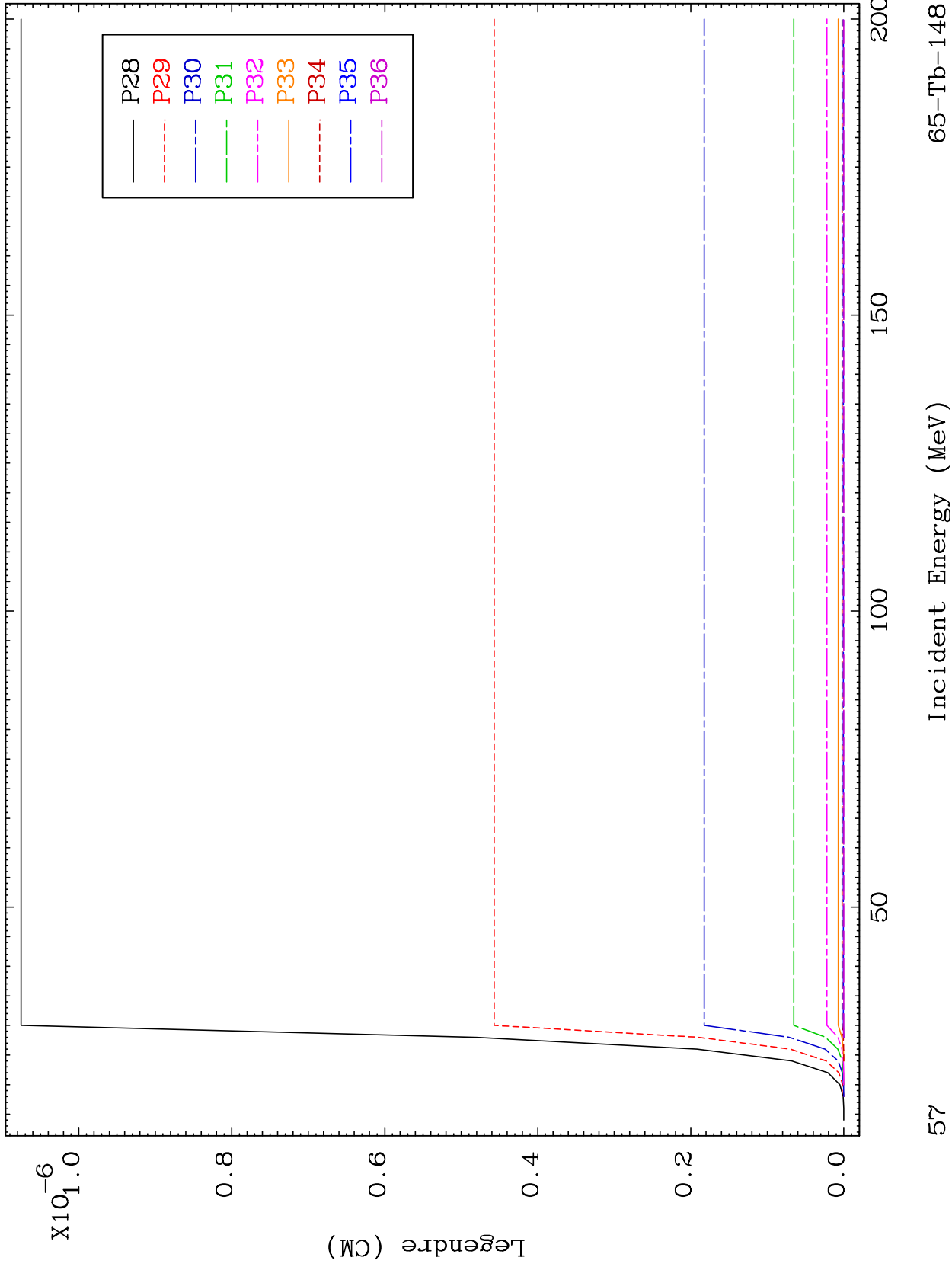




MAT 6492

425.8 keV (n, n') Level  
Legendre Coefficients

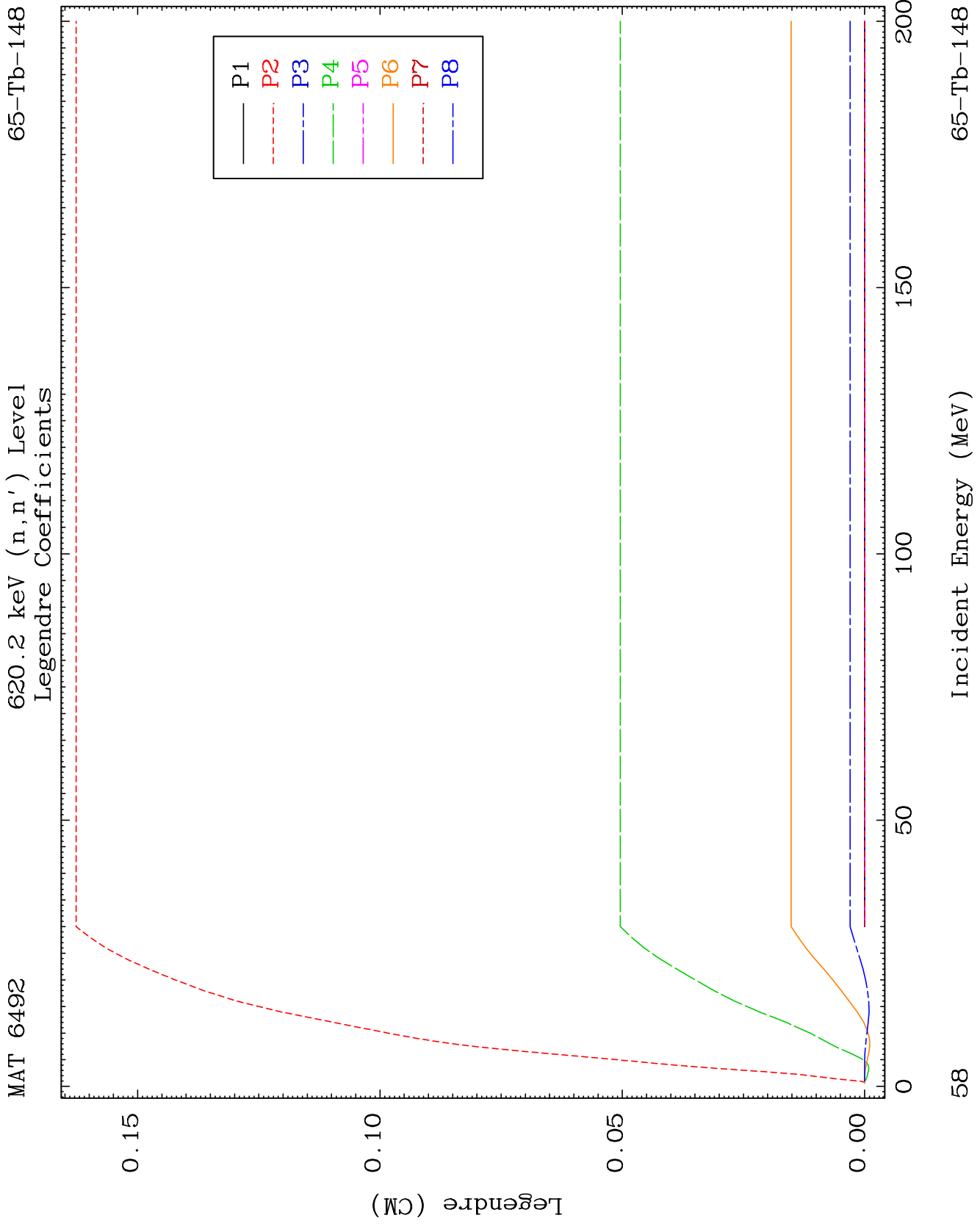
65-Tb-148



57

Incident Energy (MeV)

65-Tb-148



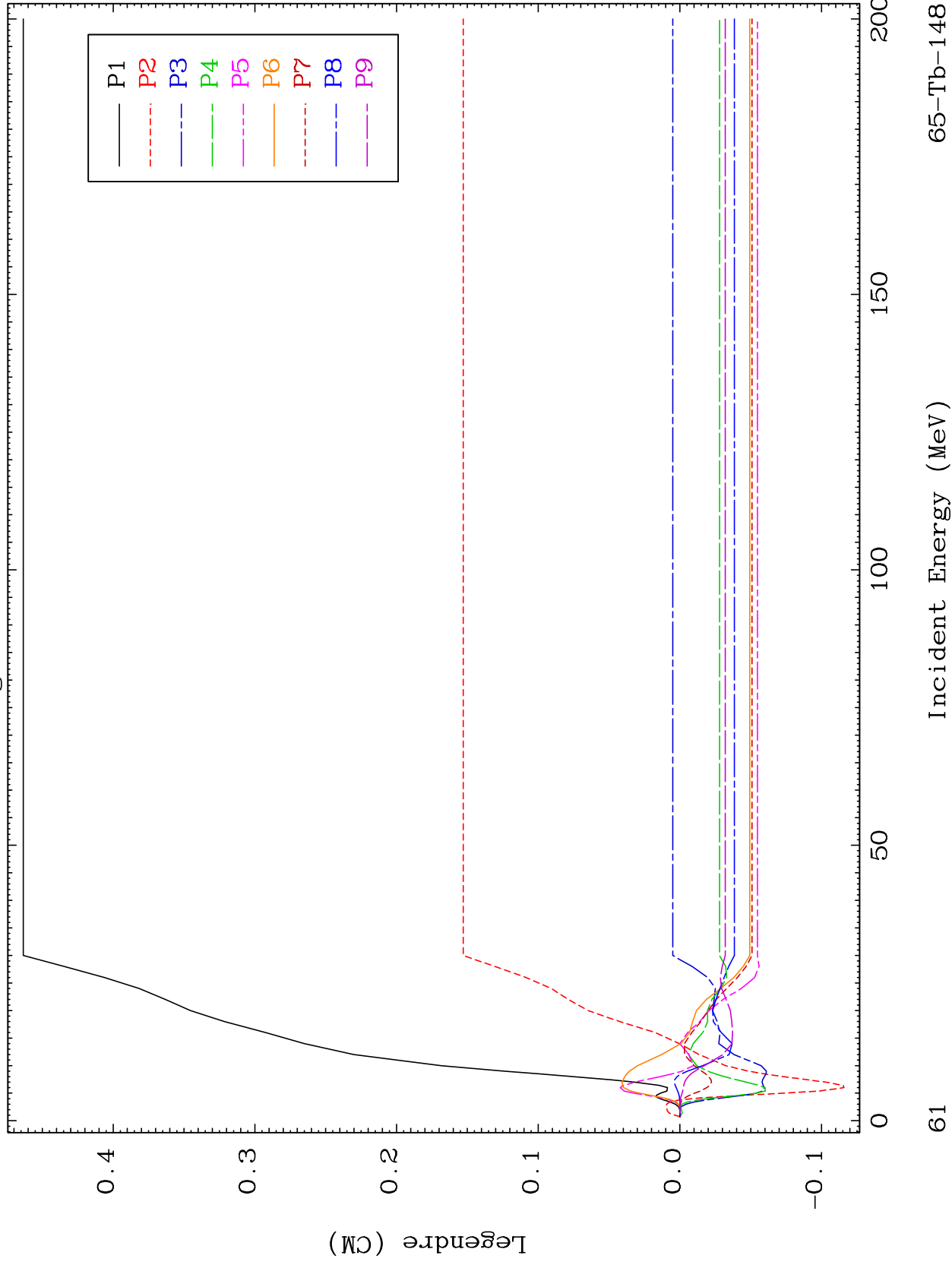




MAT 6492

657.8 keV (n,n') Level  
Legendre Coefficients

65-Tb-148



65-Tb-148

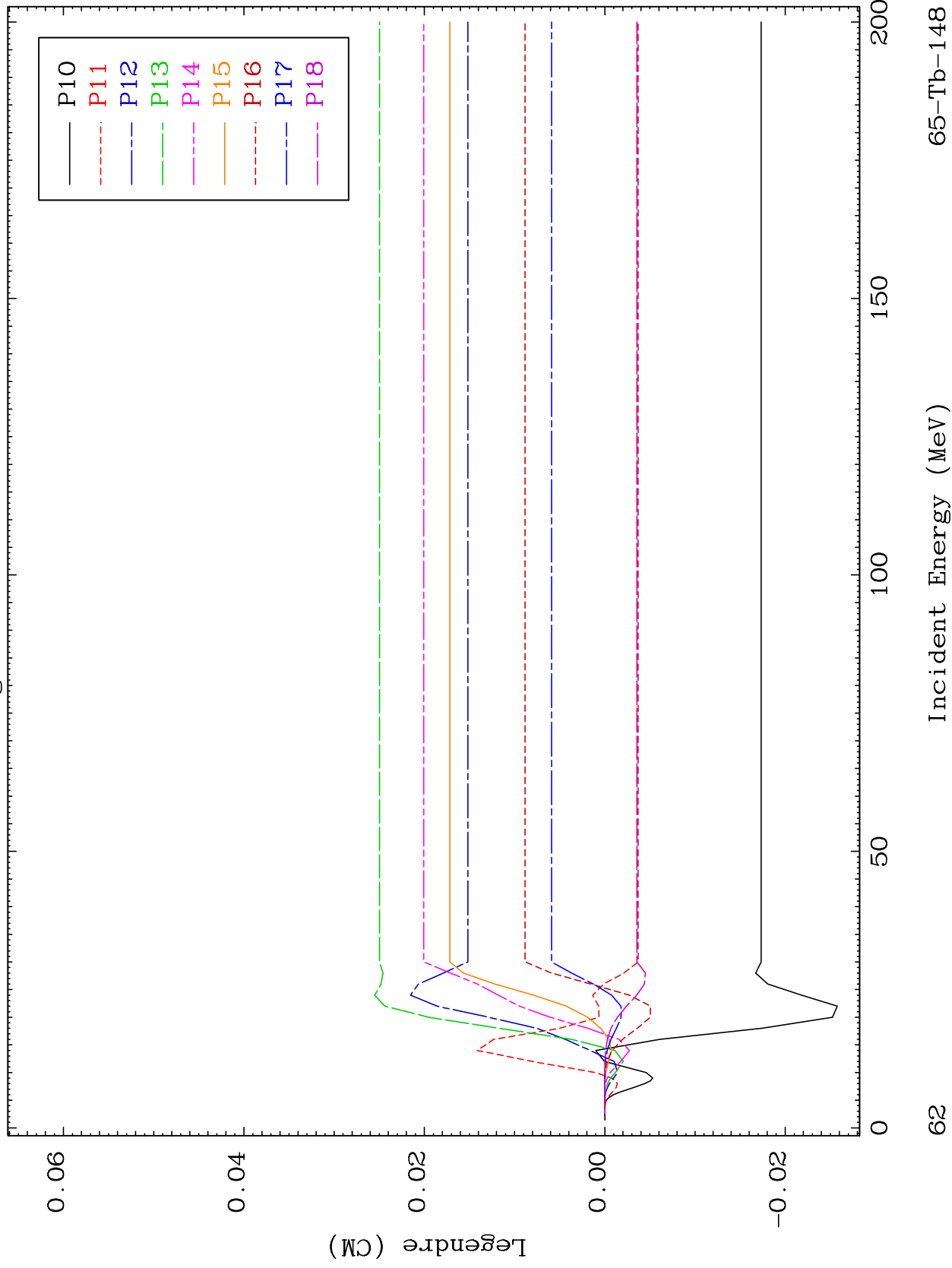
Incident Energy (MeV)

61

MAT 6492

657.8 keV (n,n') Level  
Legendre Coefficients

65-Tb-148



65-Tb-148

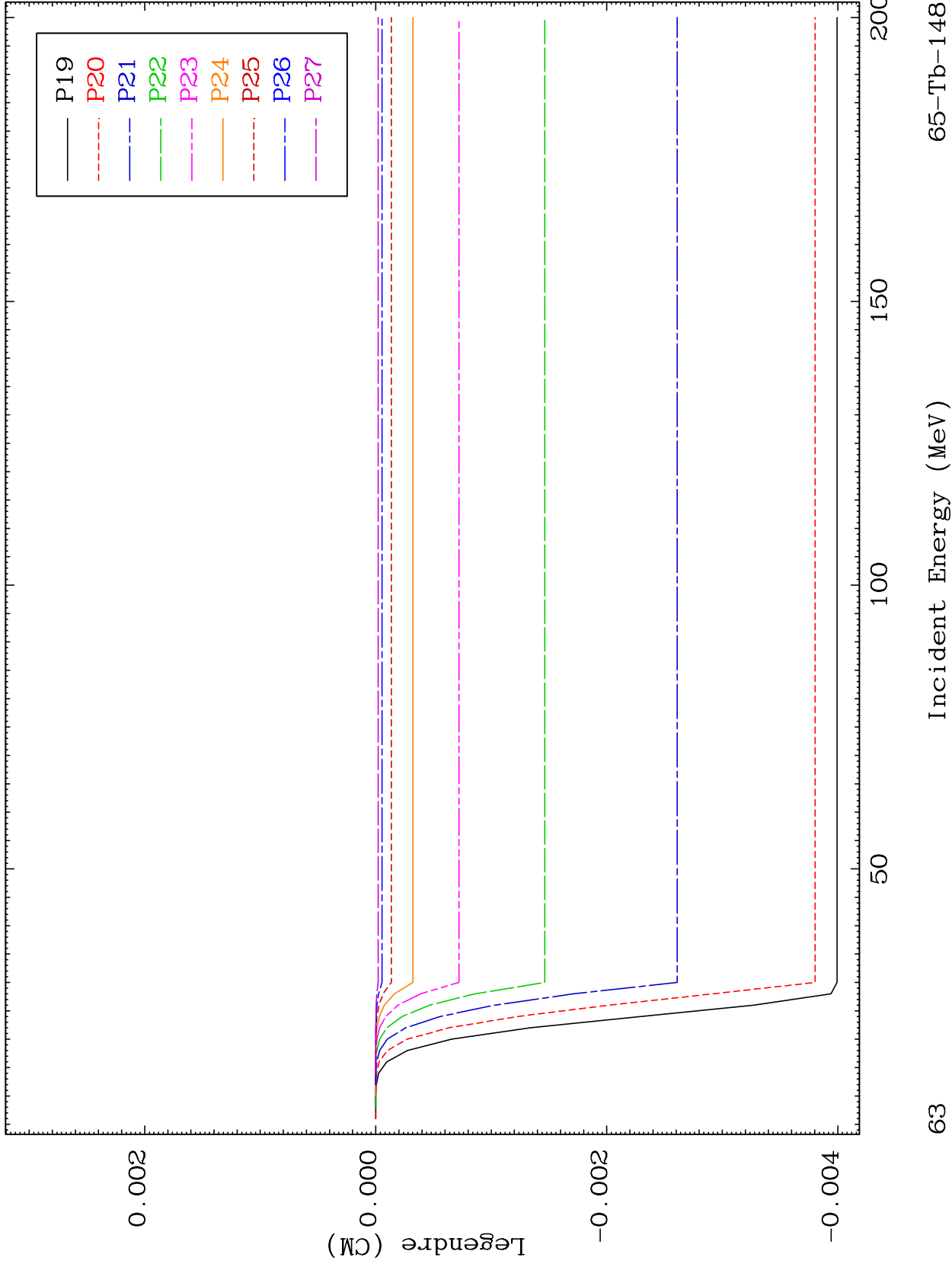
Incident Energy (MeV)

62

MAT 6492

657.8 keV (n,n') Level  
Legendre Coefficients

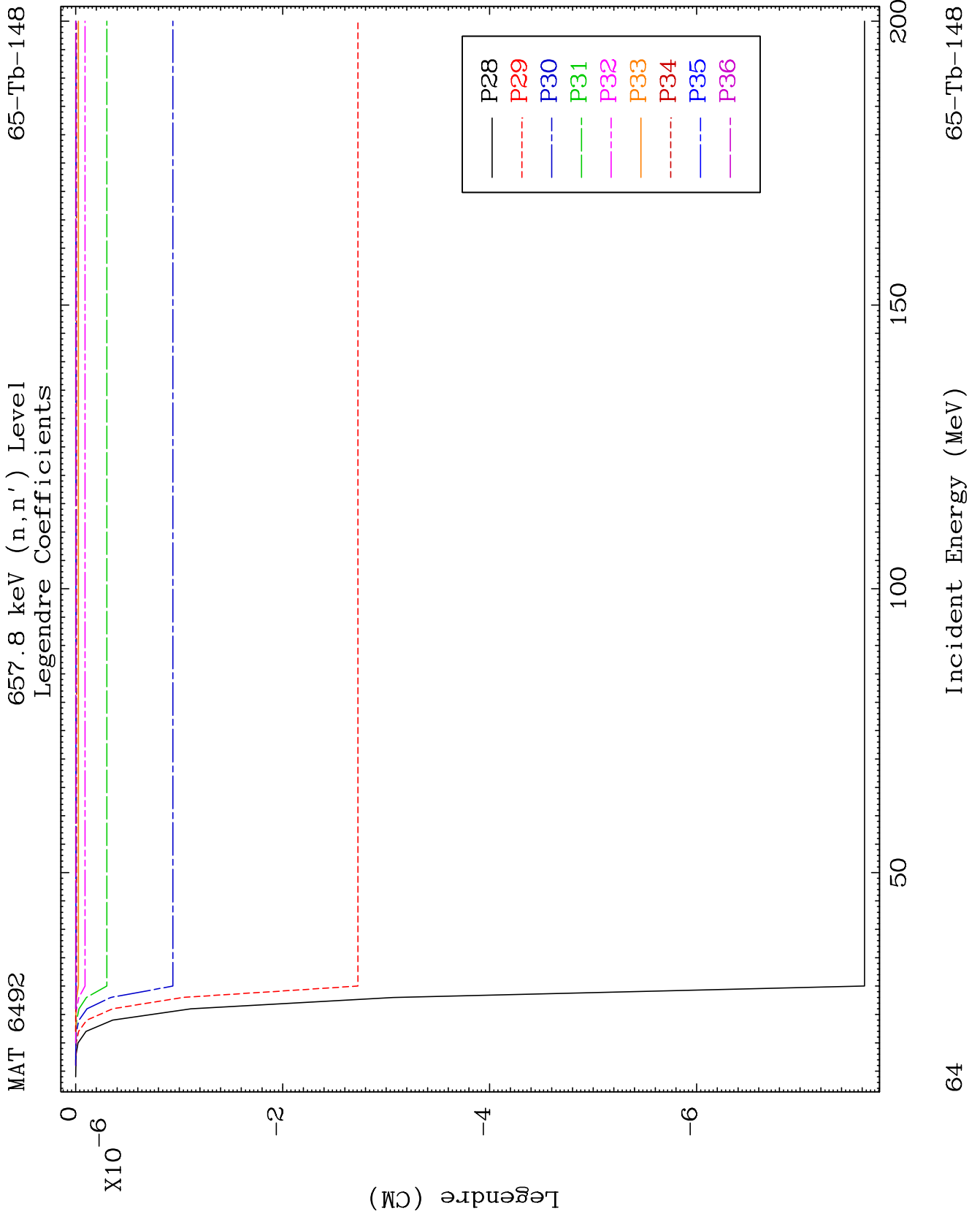
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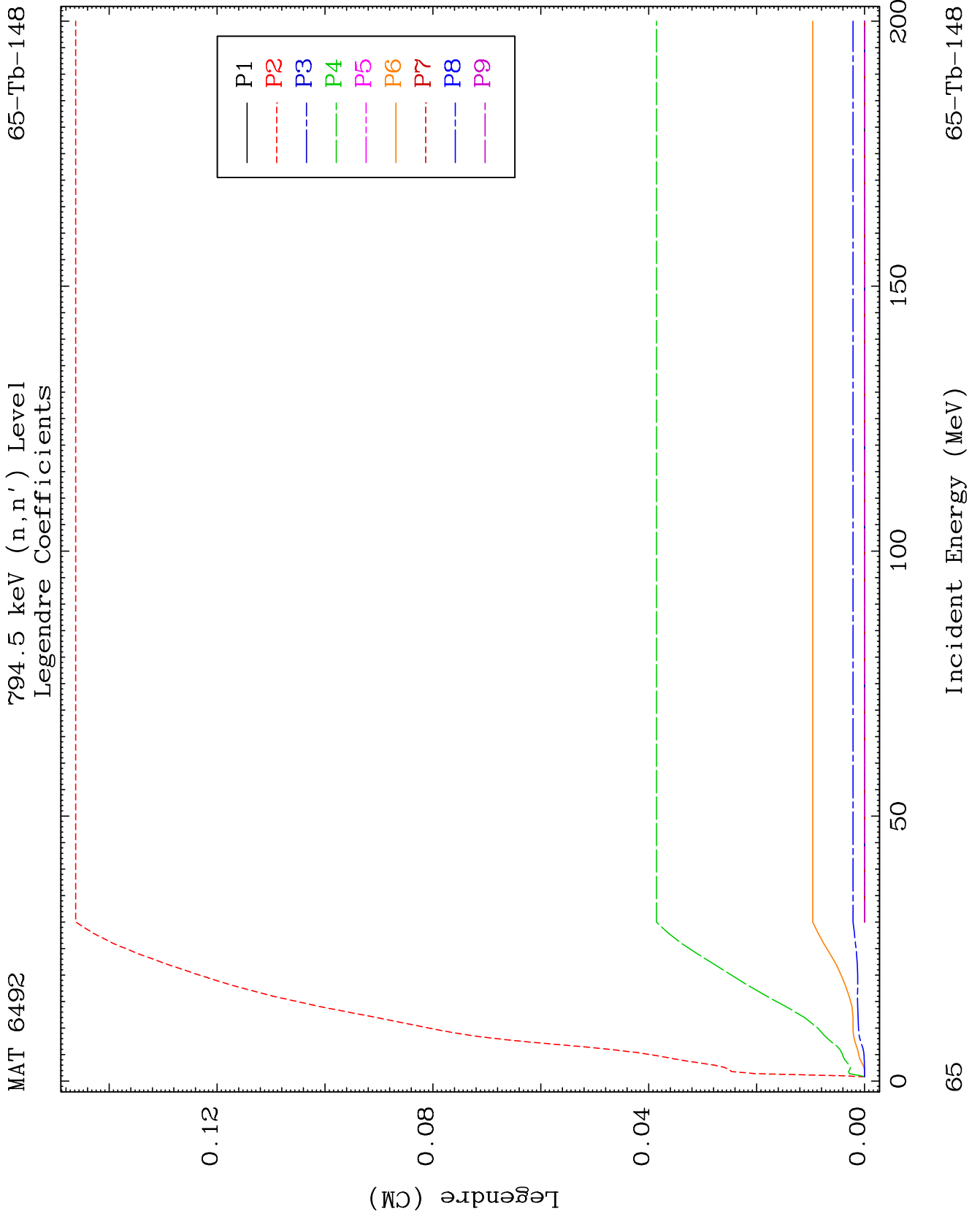


63

65-Tb-148



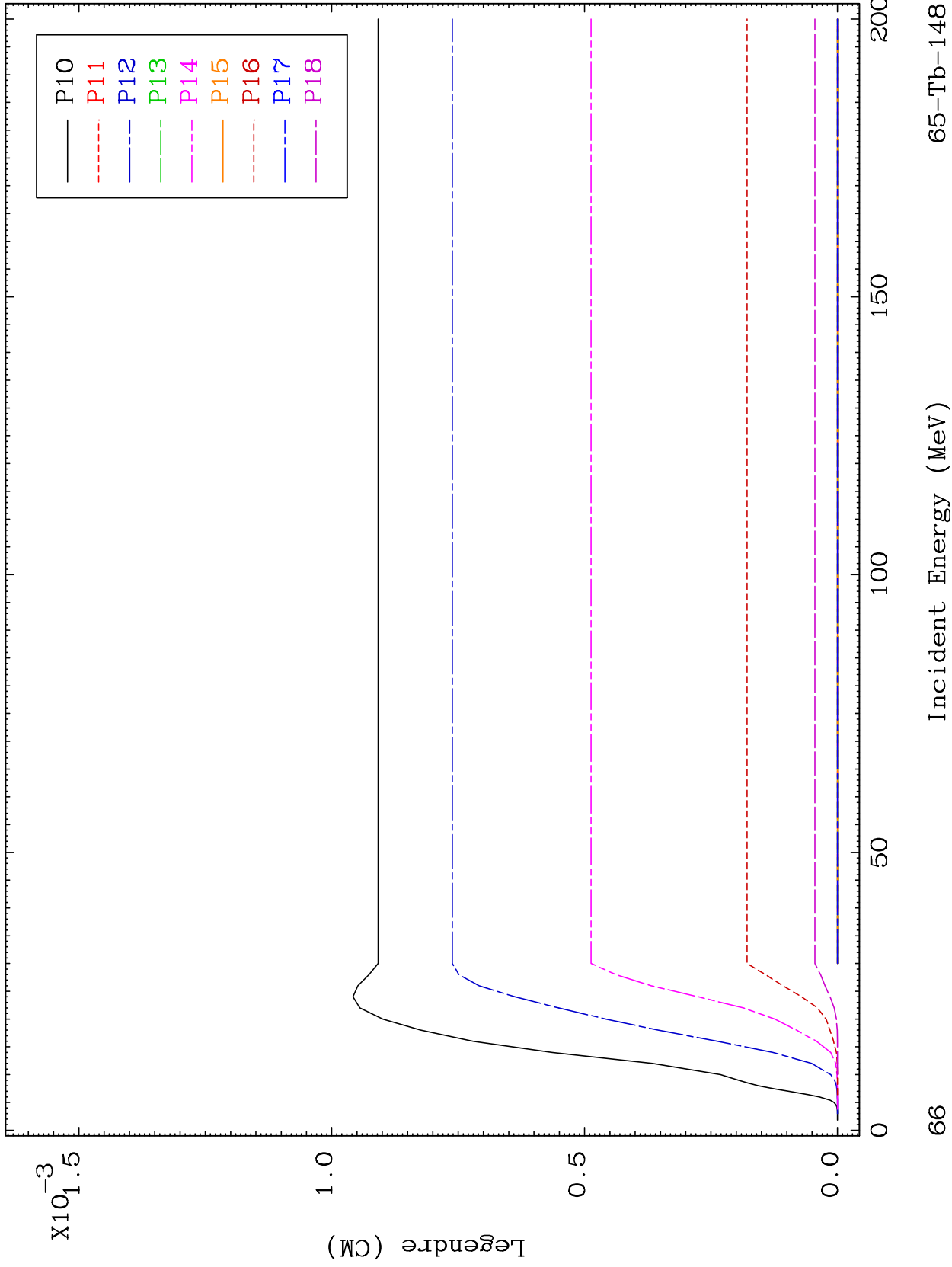




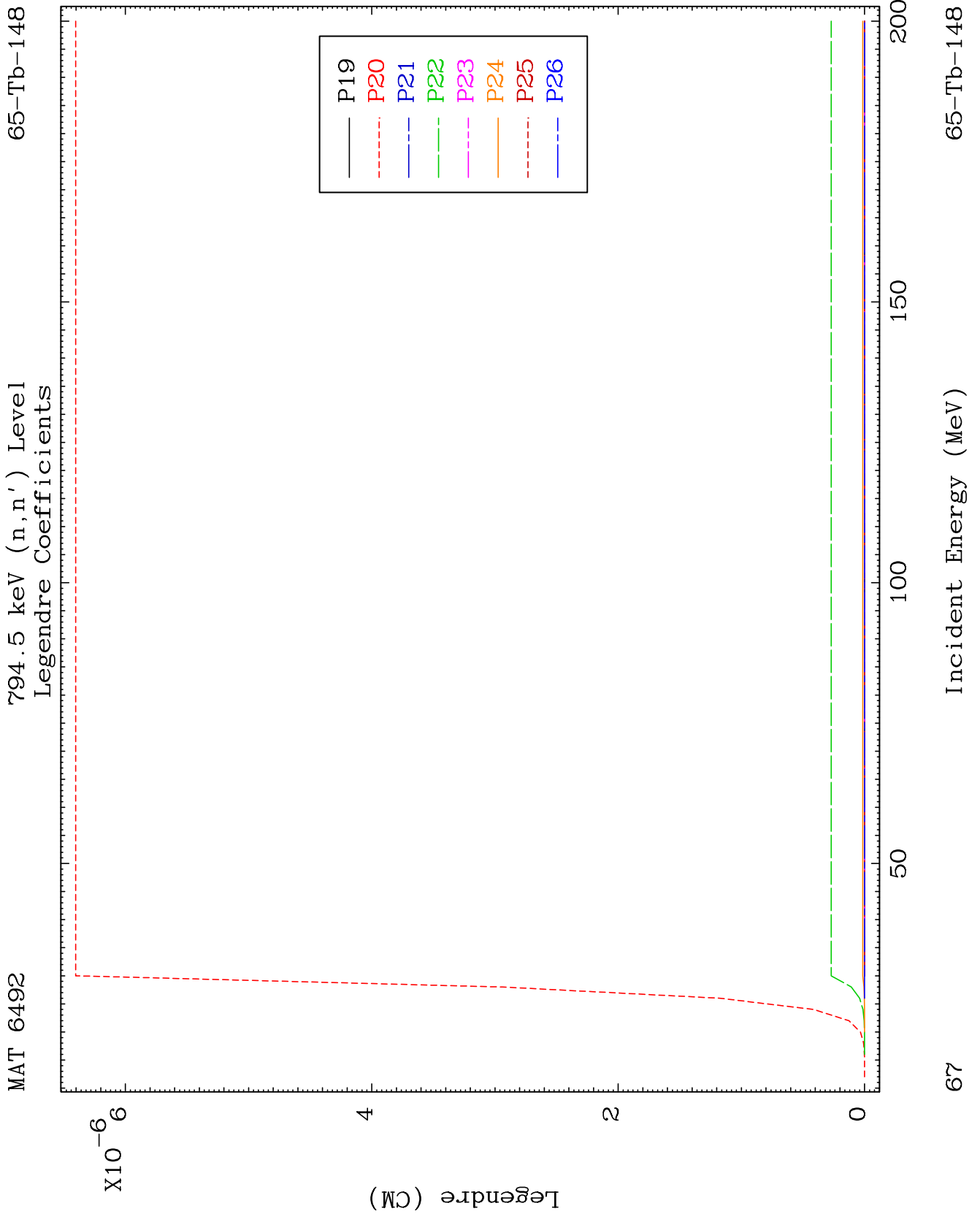
MAT 6492

794.5 keV (n,n') Level  
Legendre Coefficients

65-Tb-148



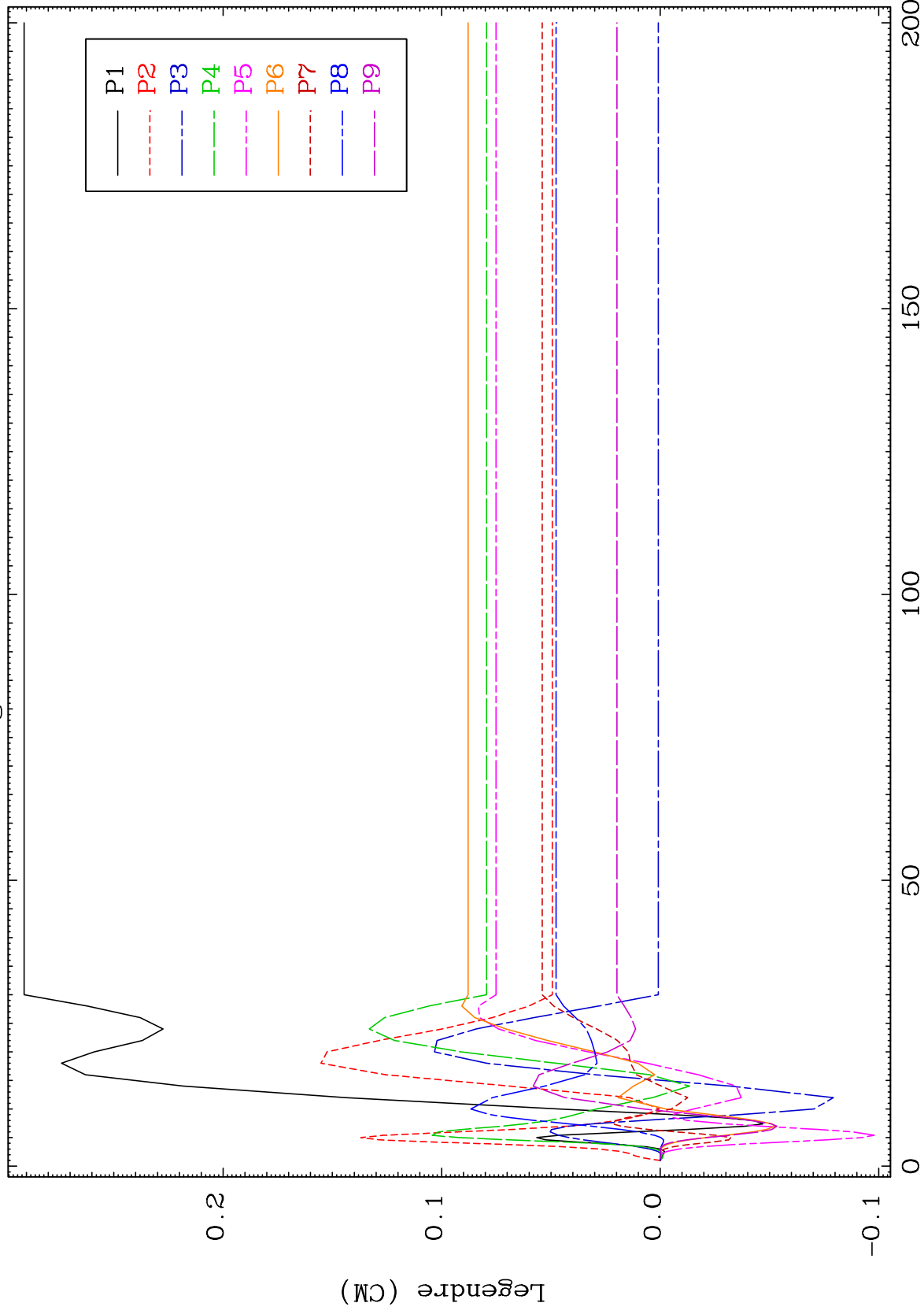
66



MAT 6492

950.8 keV (n,n') Level  
Legendre Coefficients

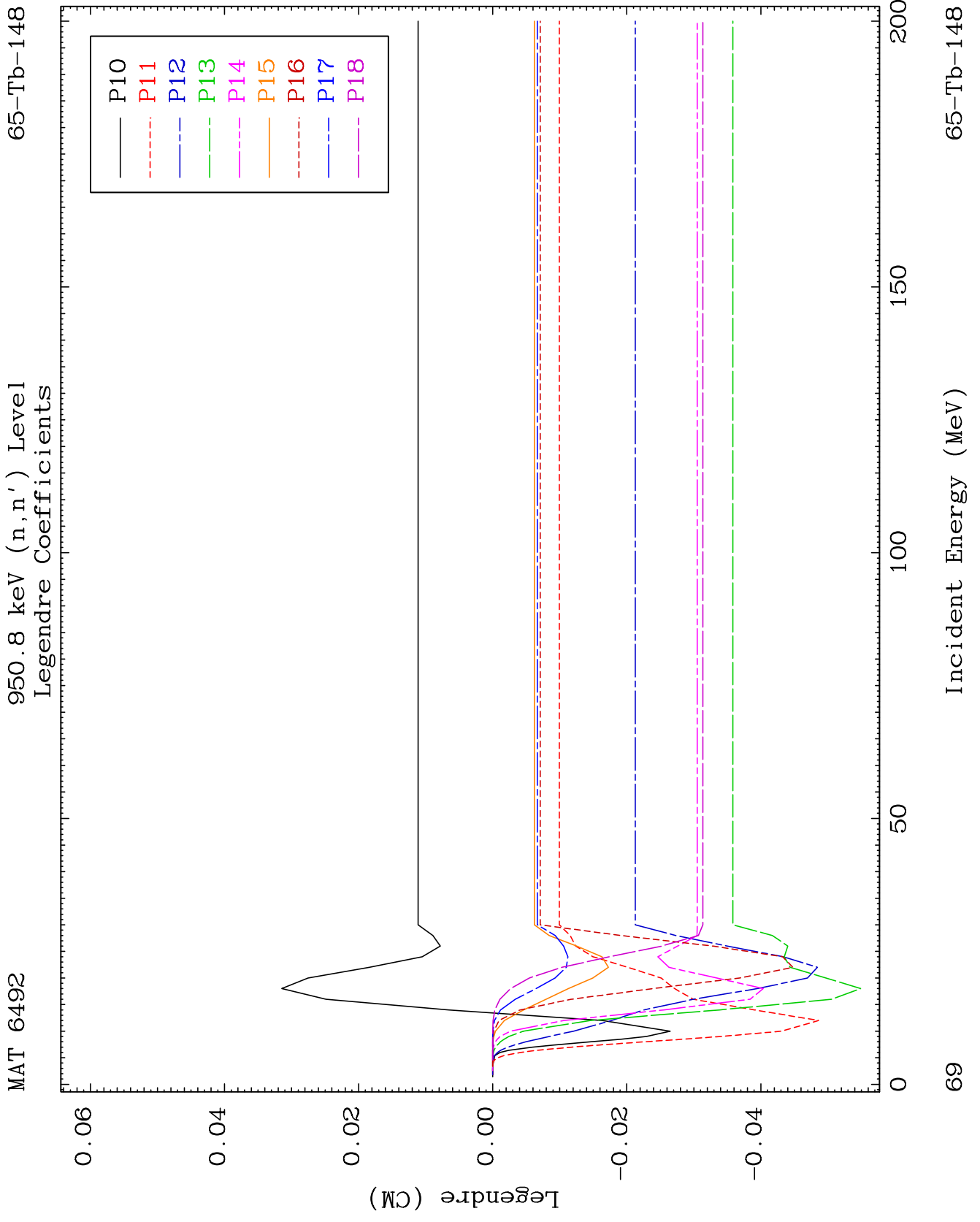
65-Tb-148



68

Incident Energy (MeV)

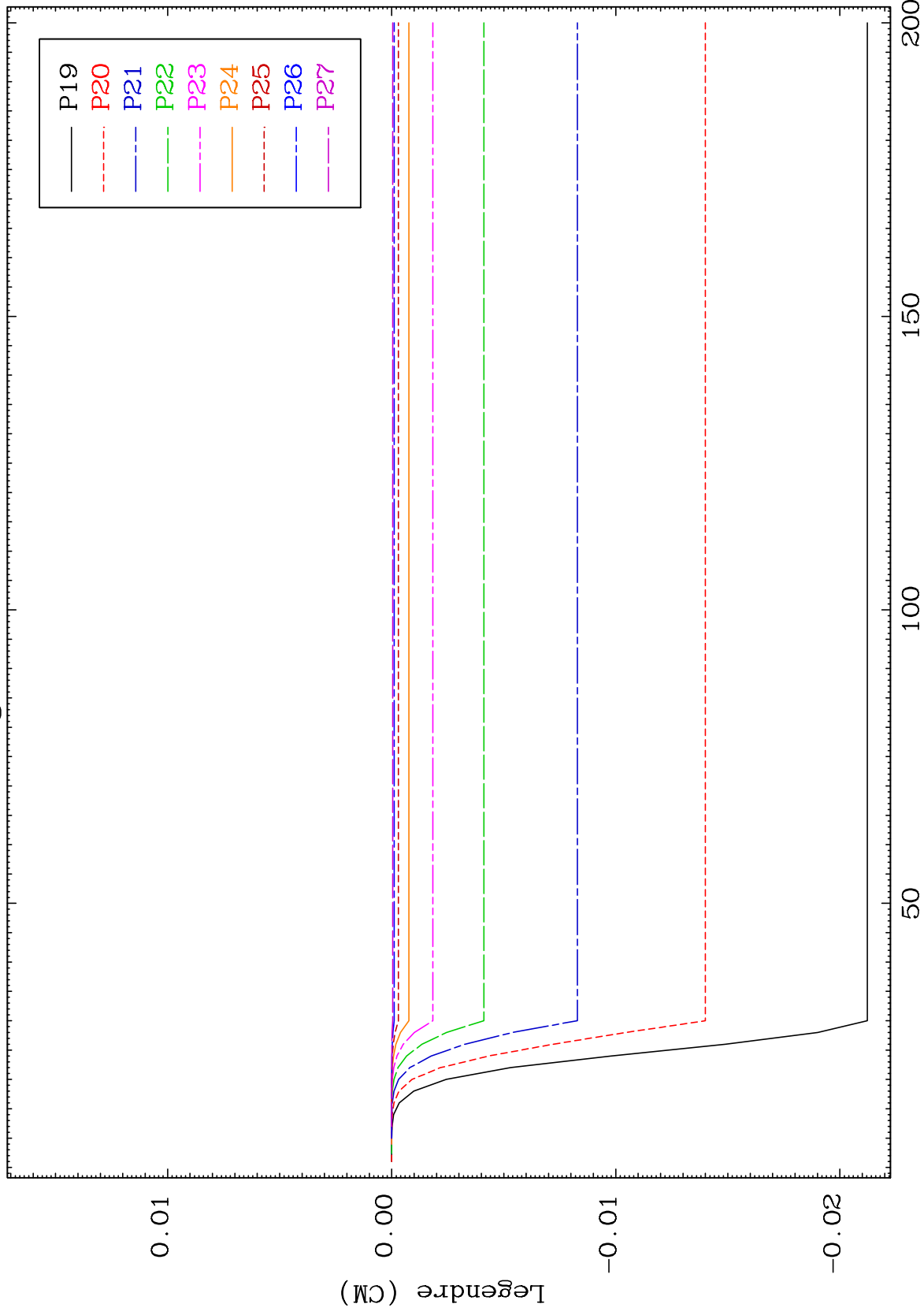
65-Tb-148



MAT 6492

950.8 keV (n,n') Level  
Legendre Coefficients

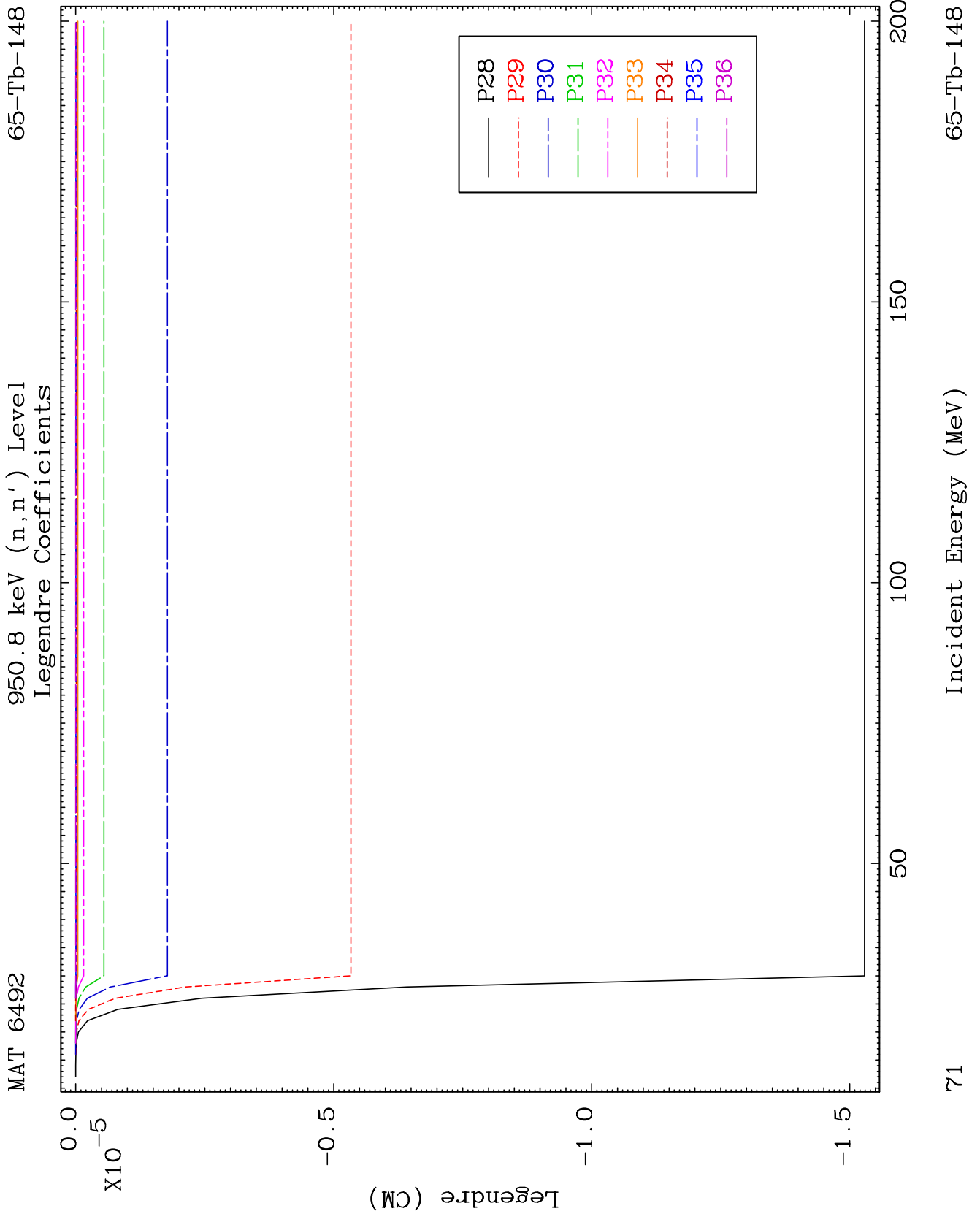
65-Tb-148



70

Incident Energy (MeV)

65-Tb-148

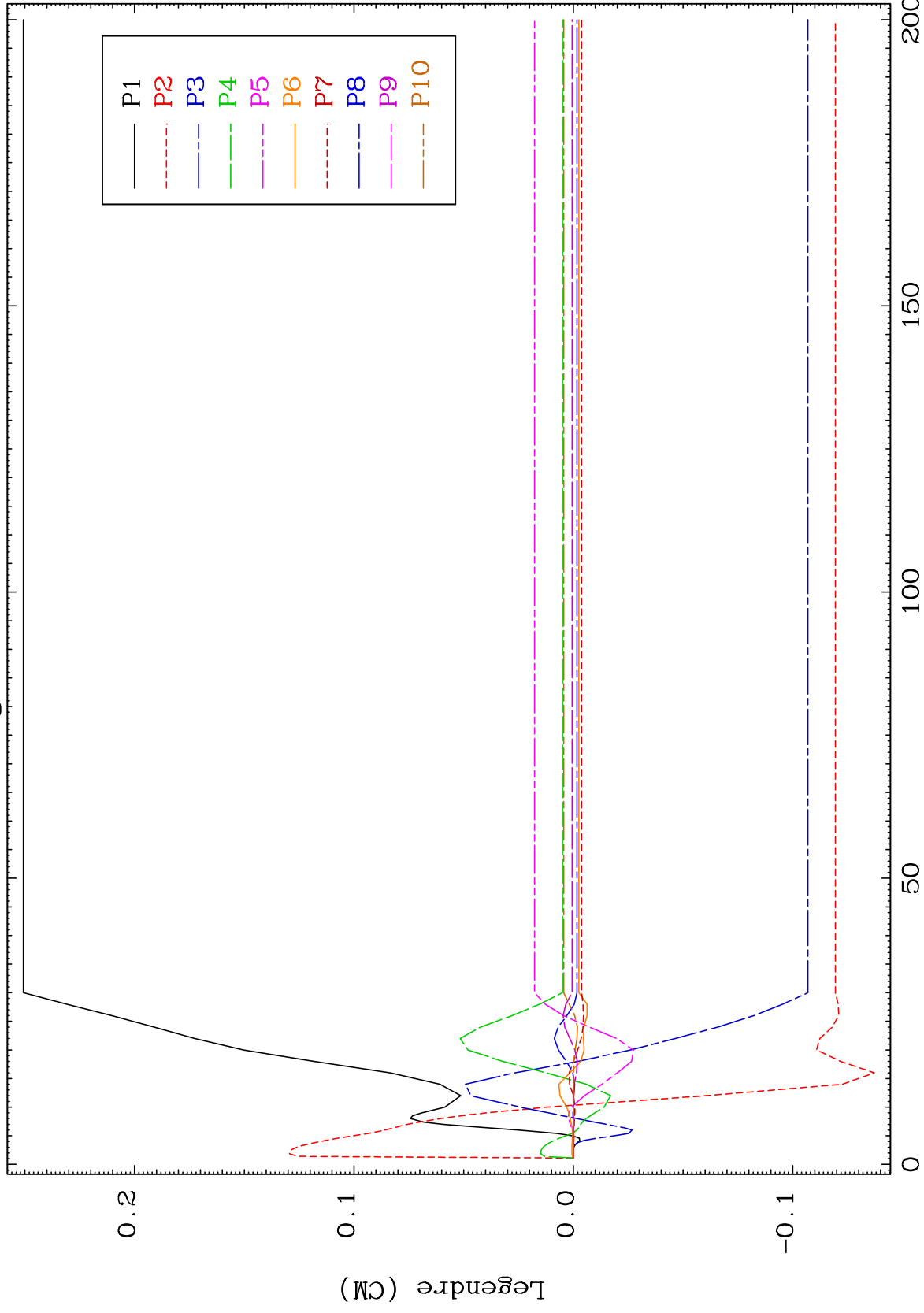




MAT 6492

1.096 MeV (n,n') Level  
Legendre Coefficients

65-Tb-148



72

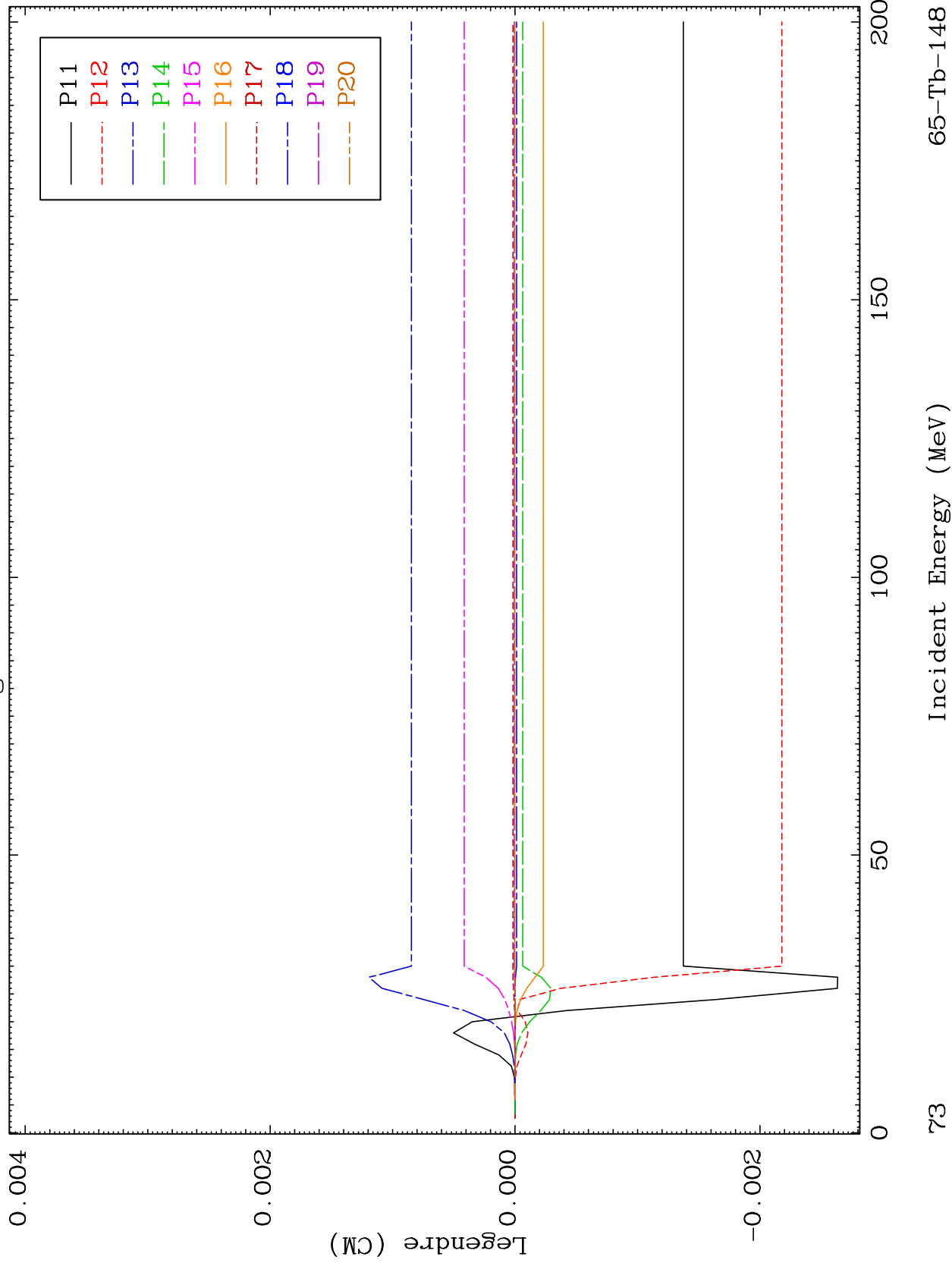
Incident Energy (MeV)

65-Tb-148

MAT 6492

1.096 MeV (n,n') Level  
Legendre Coefficients

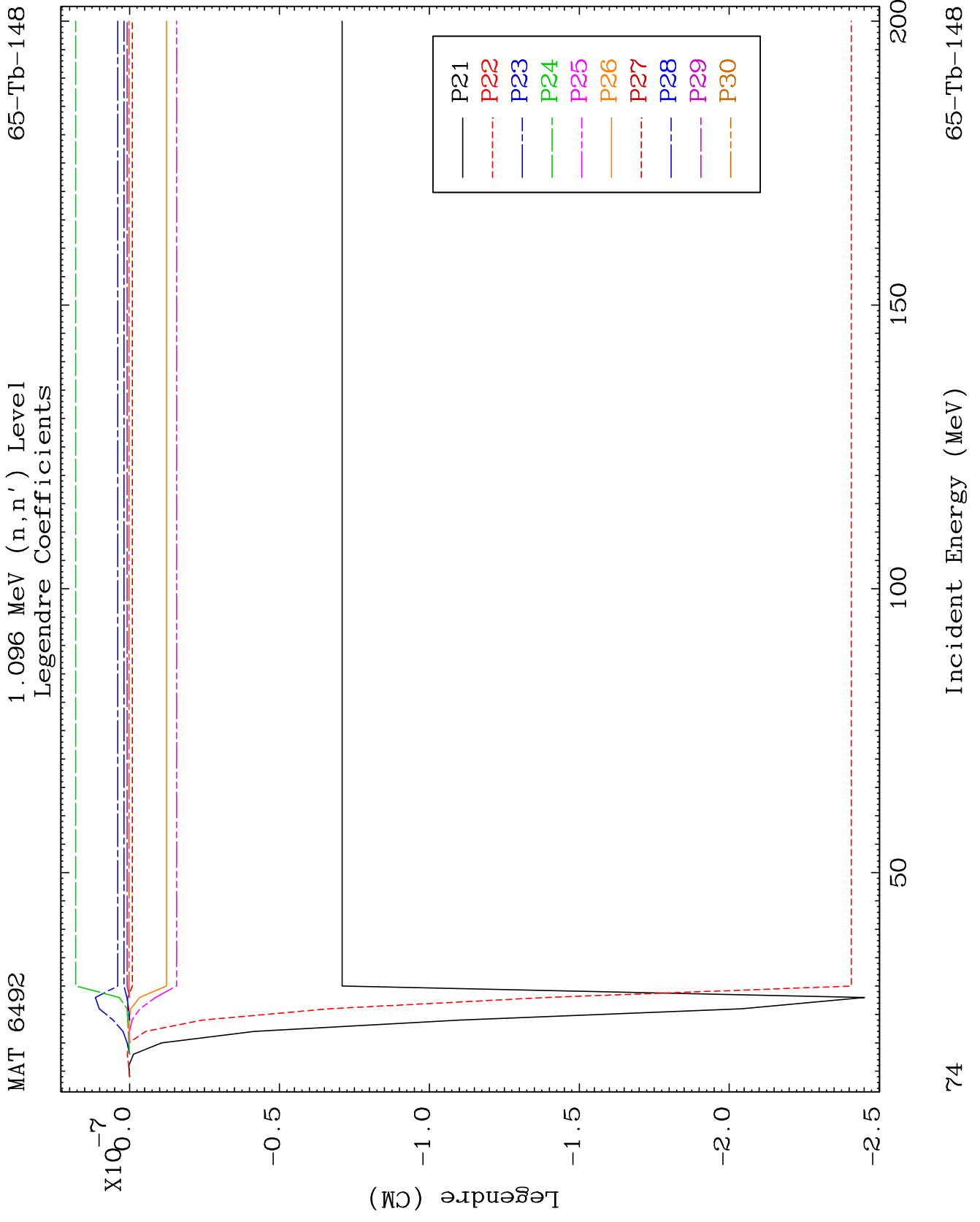
65-Tb-148

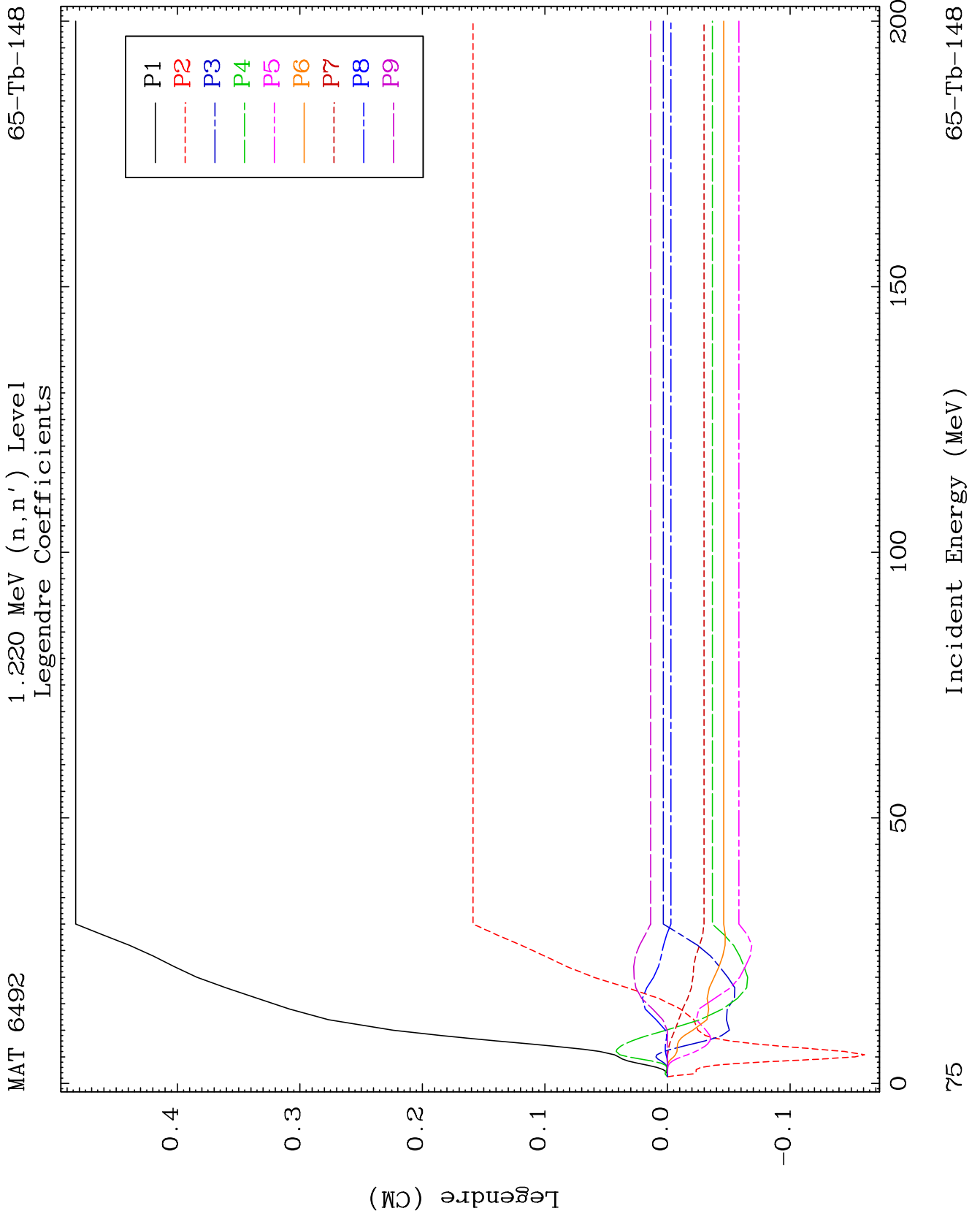


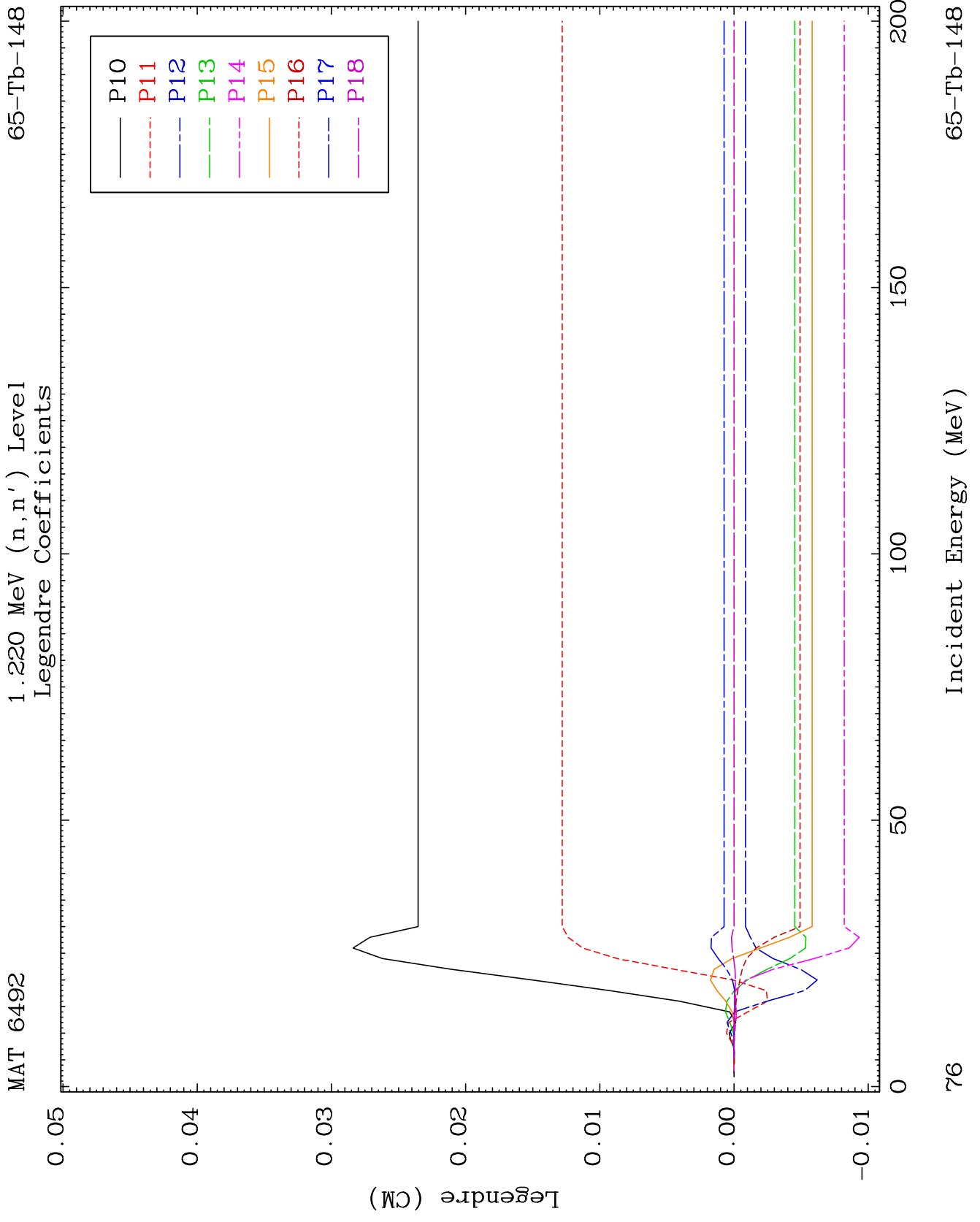
73

Incident Energy (MeV)

65-Tb-148



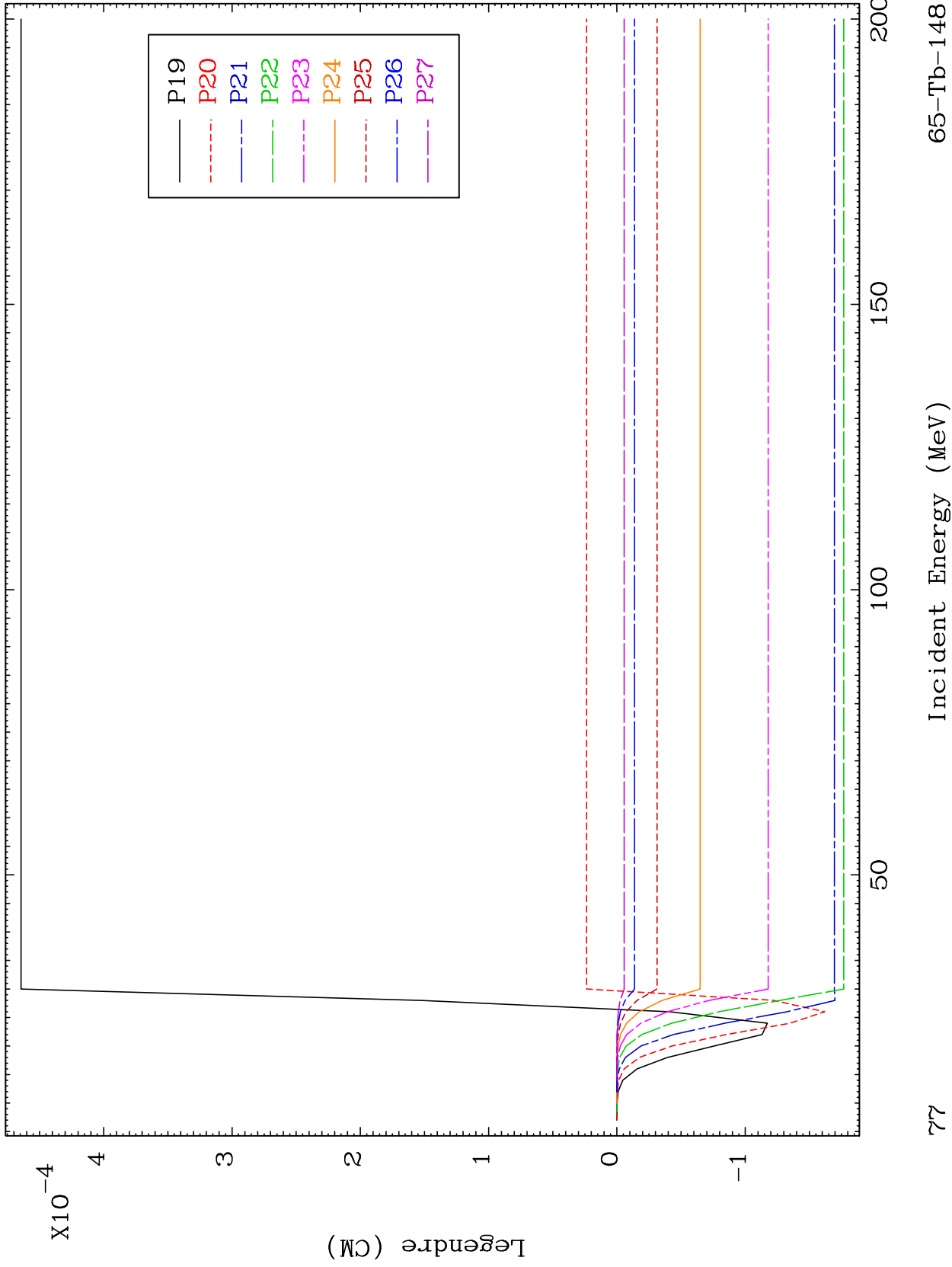




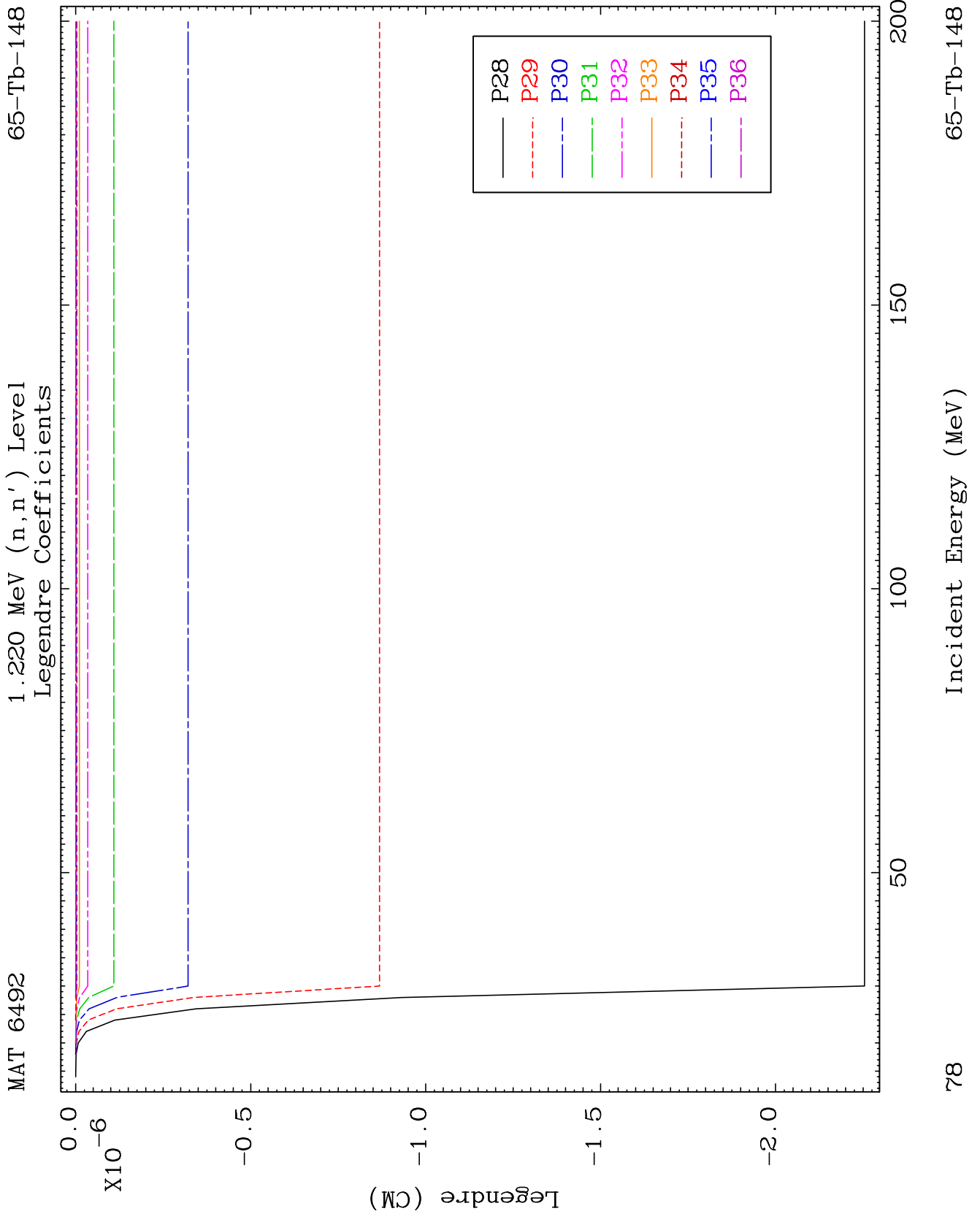
MAT 6492

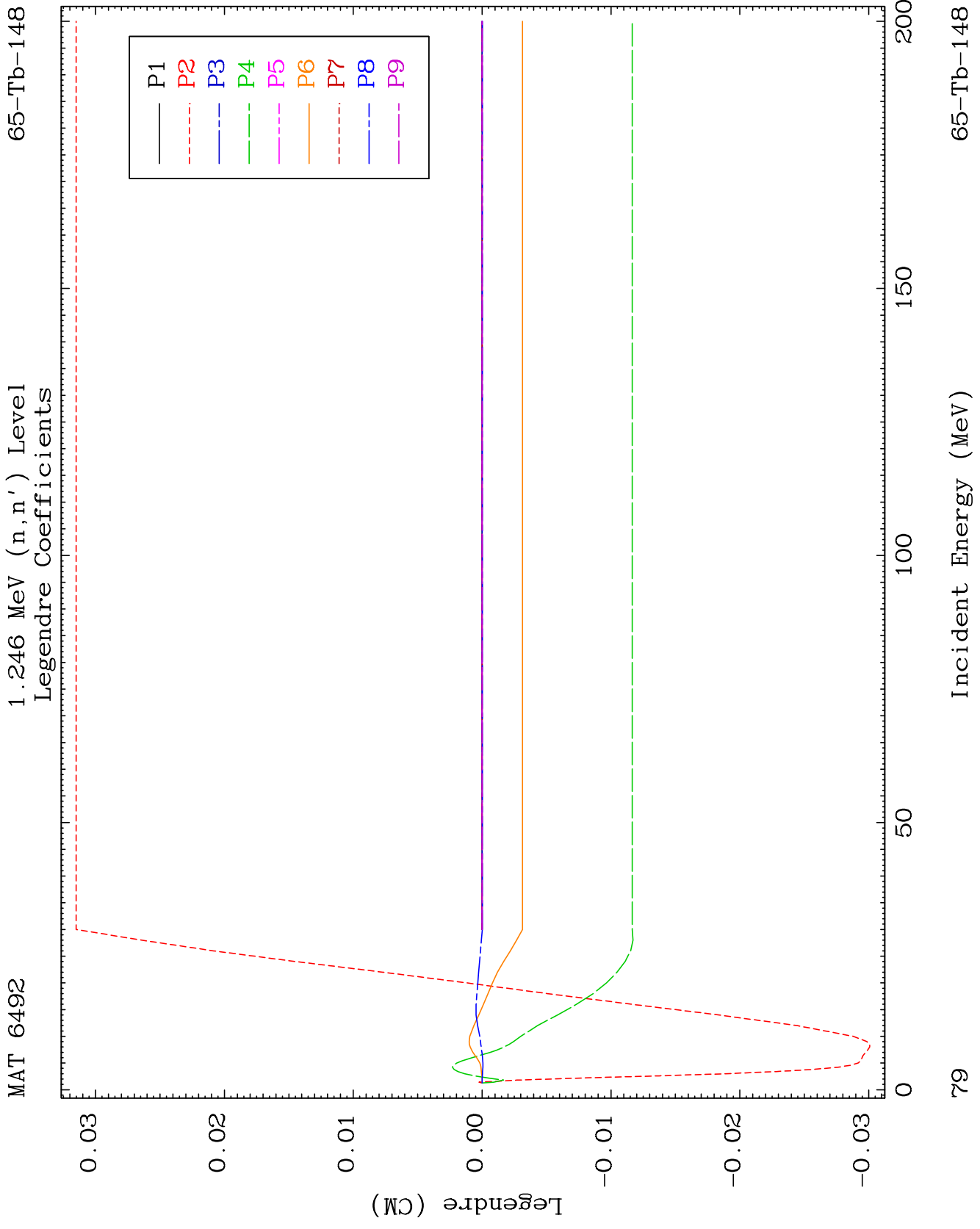
1.220 MeV (n,n') Level  
Legendre Coefficients

65-Tb-148

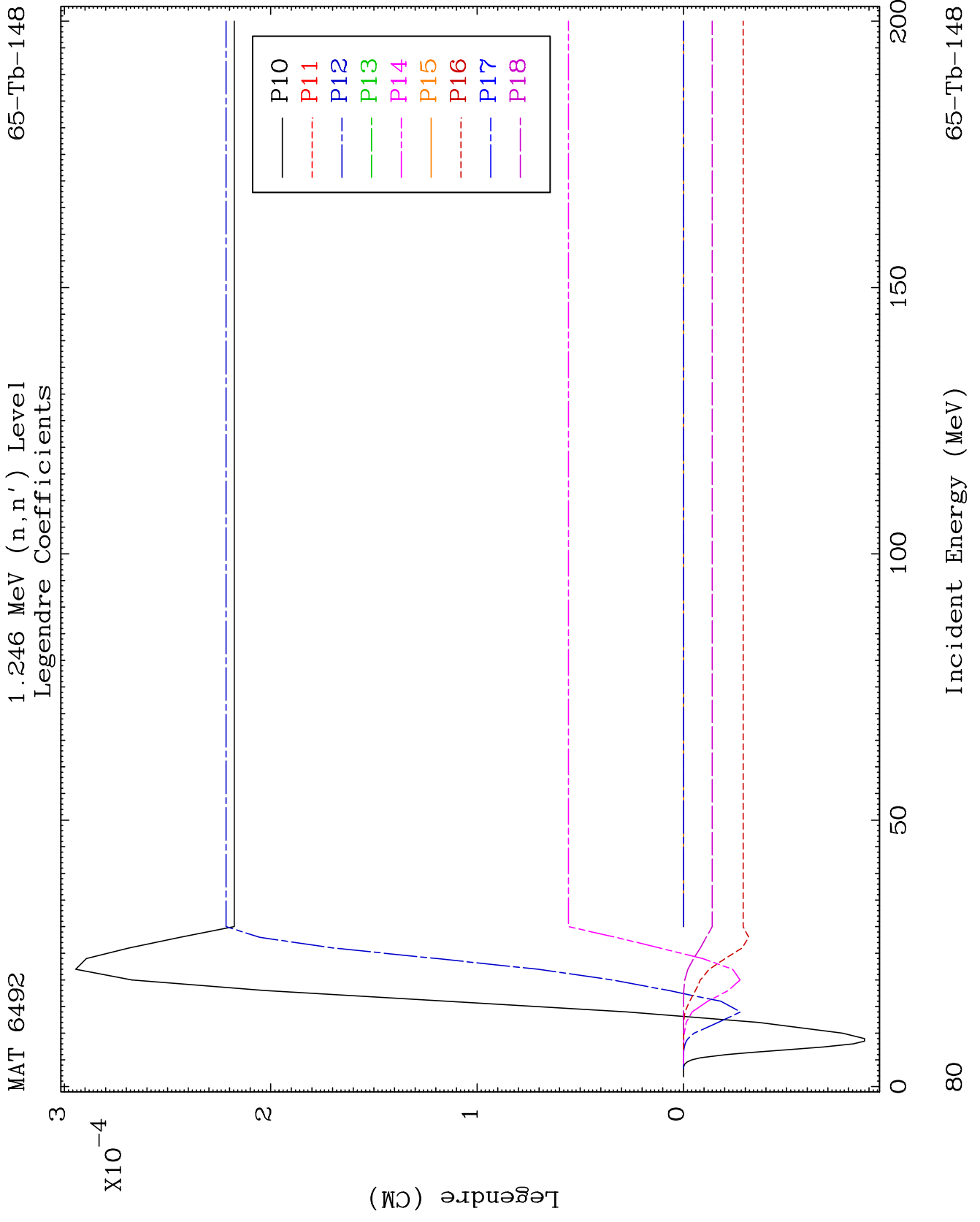


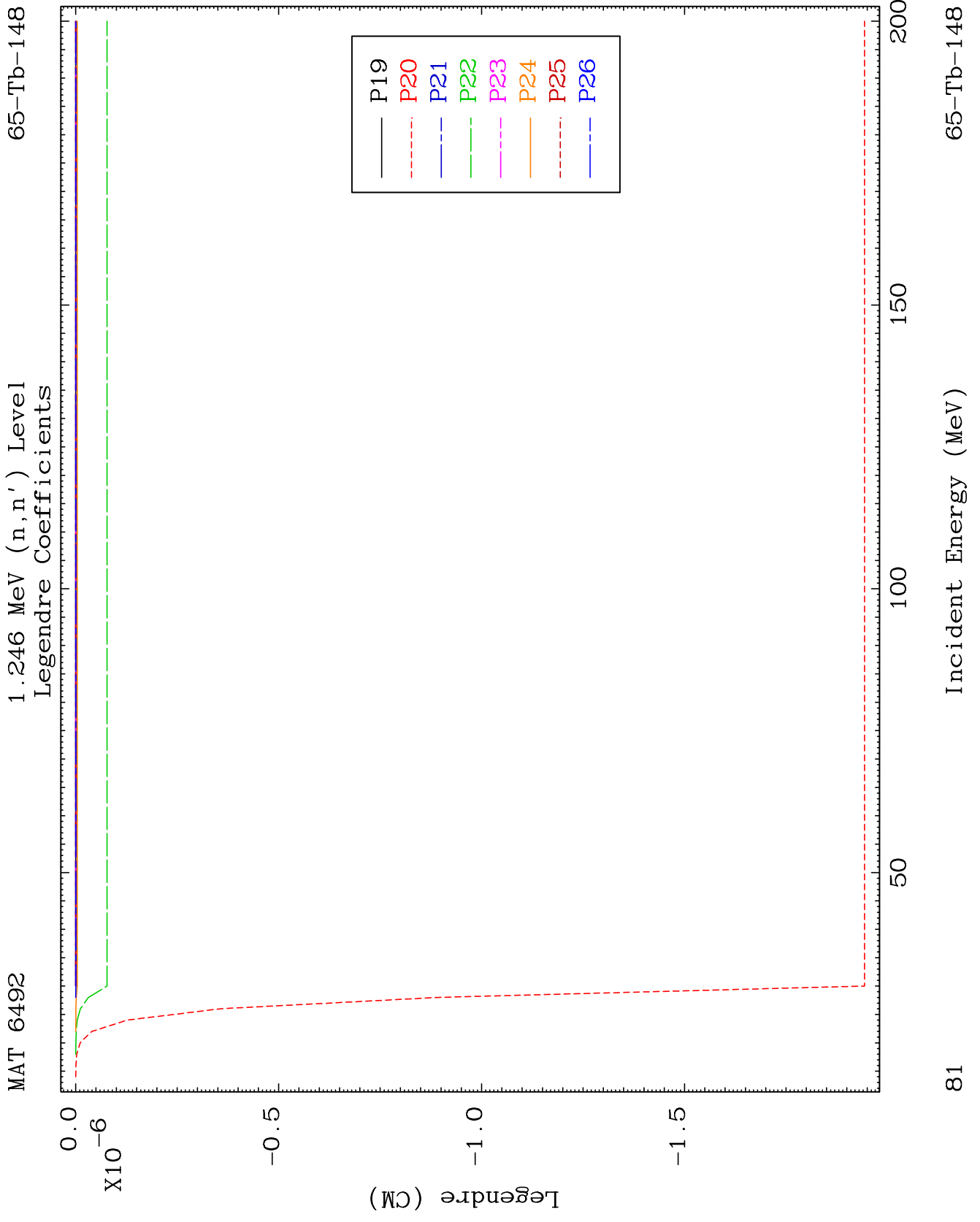
77

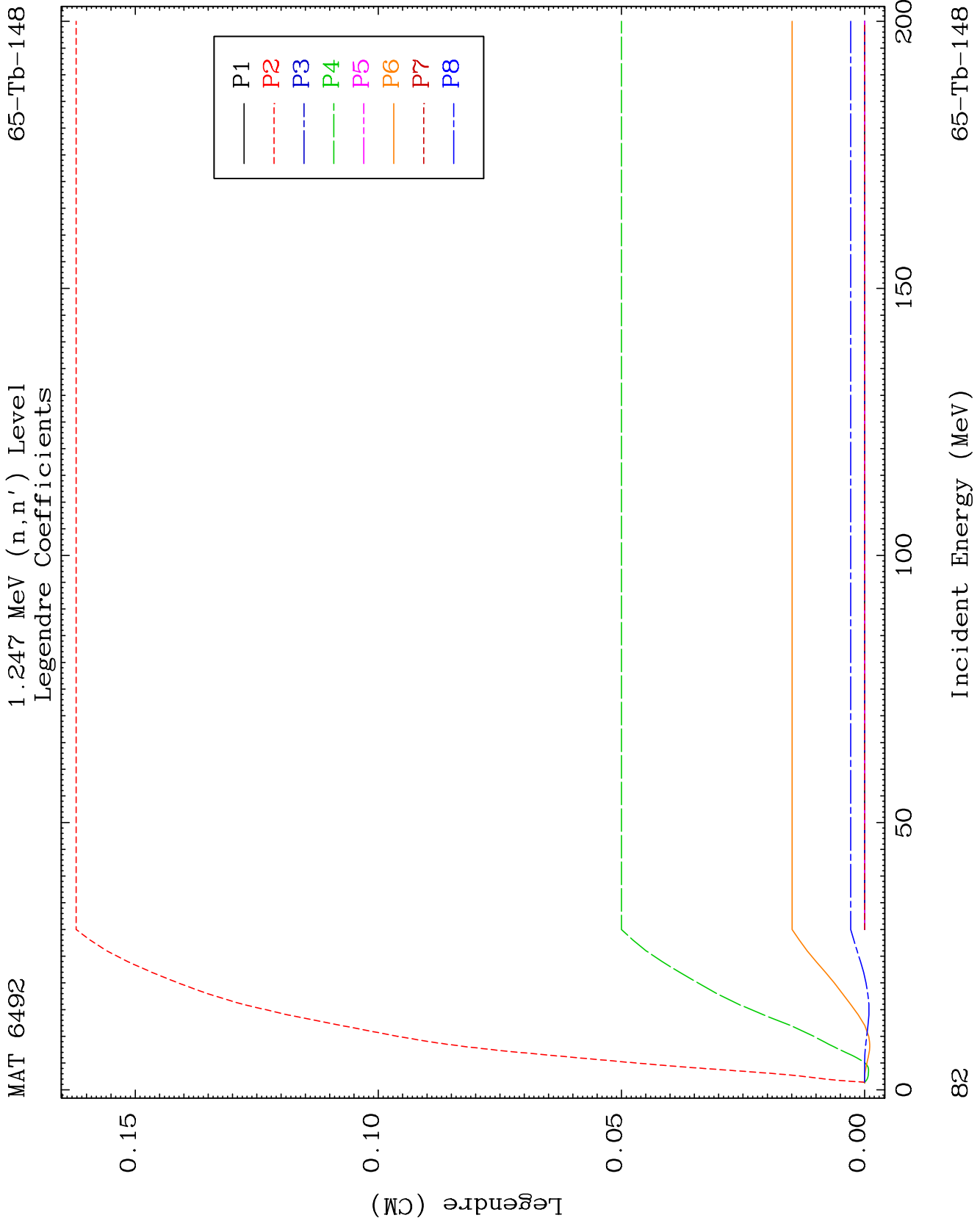








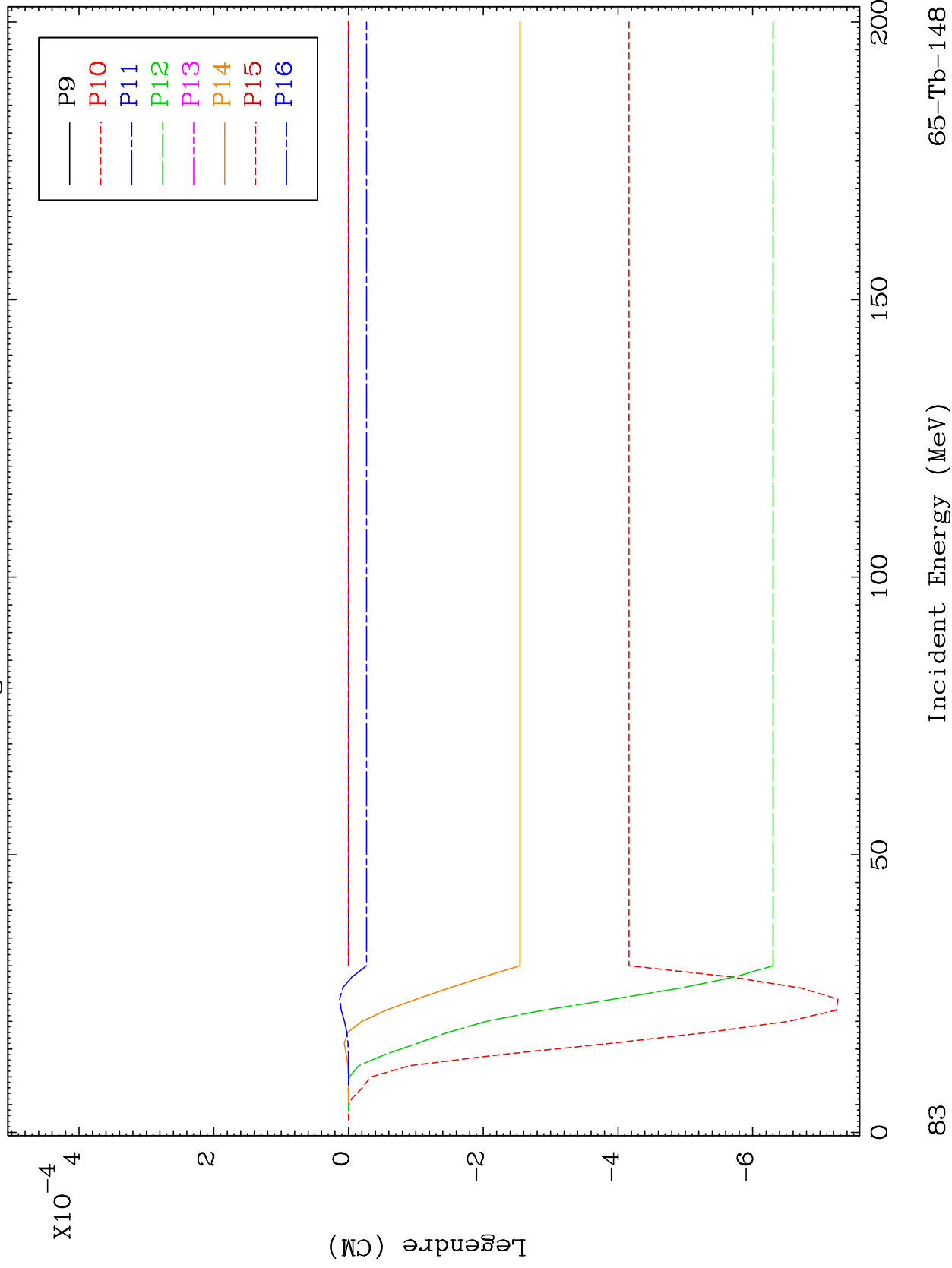




MAT 6492

1.247 MeV (n,n') Level  
Legendre Coefficients

65-Tb-148

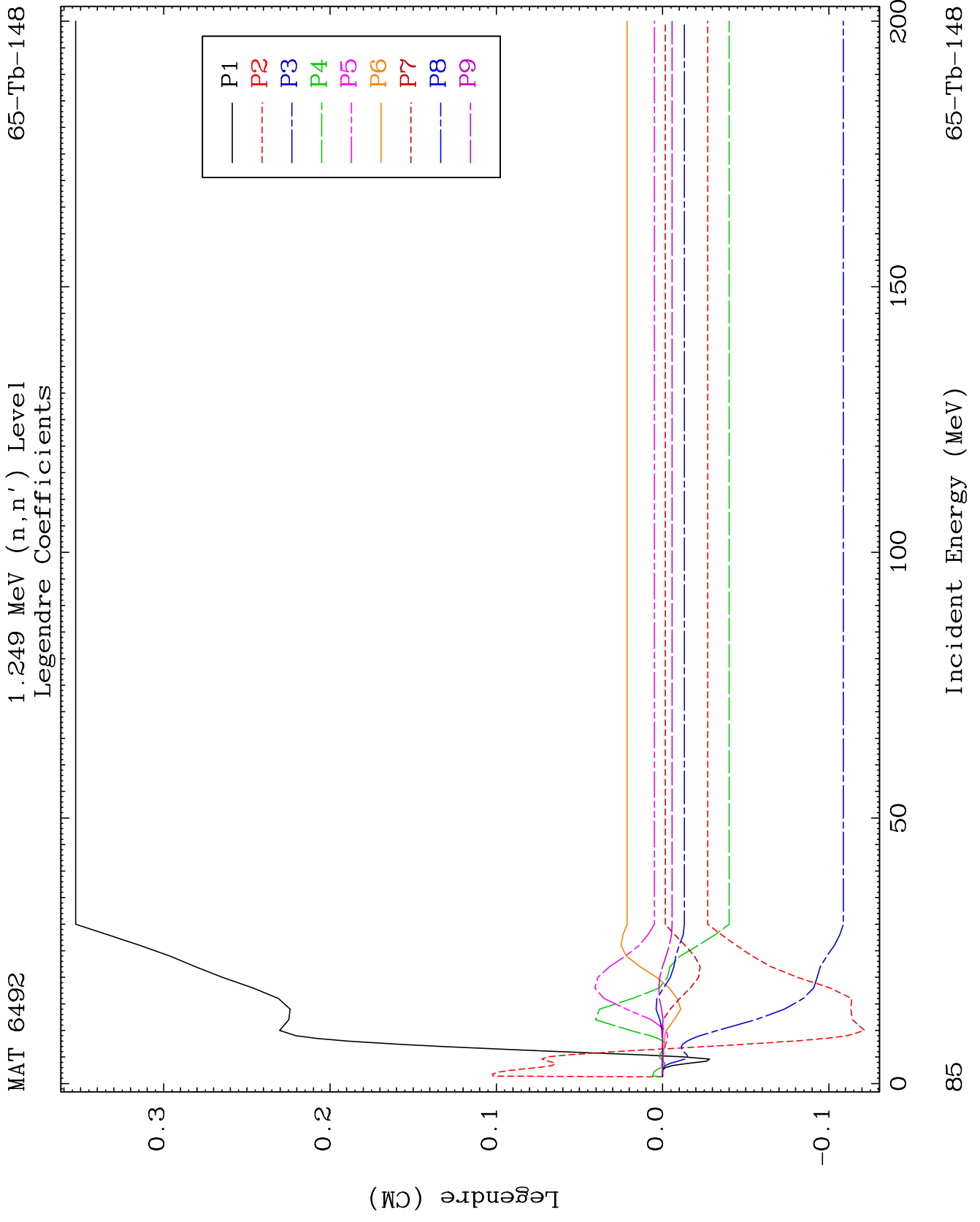


83

Incident Energy (MeV)

65-Tb-148







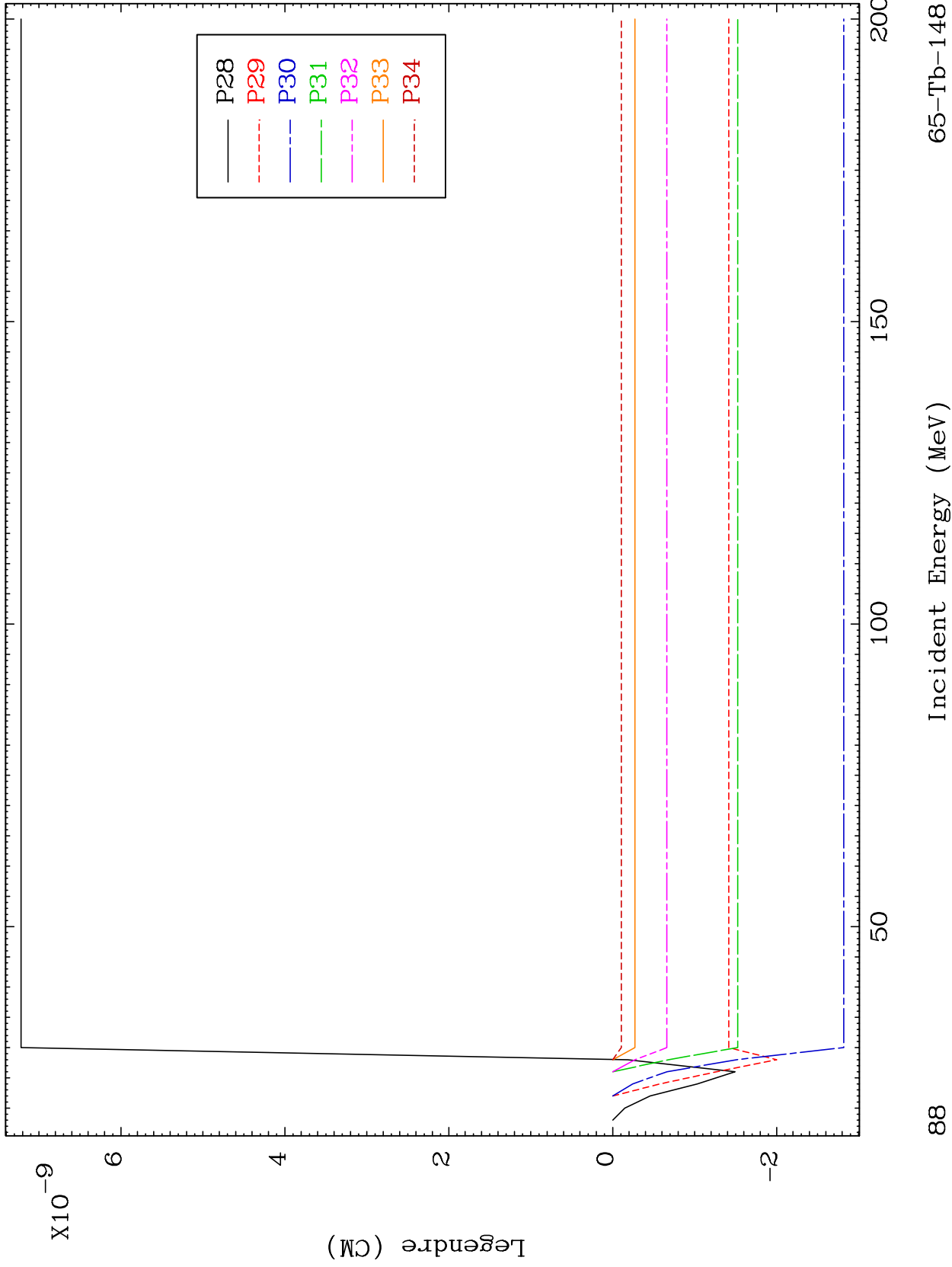




MAT 6492

1.249 MeV (n,n') Level  
Legendre Coefficients

65-Tb-148



88

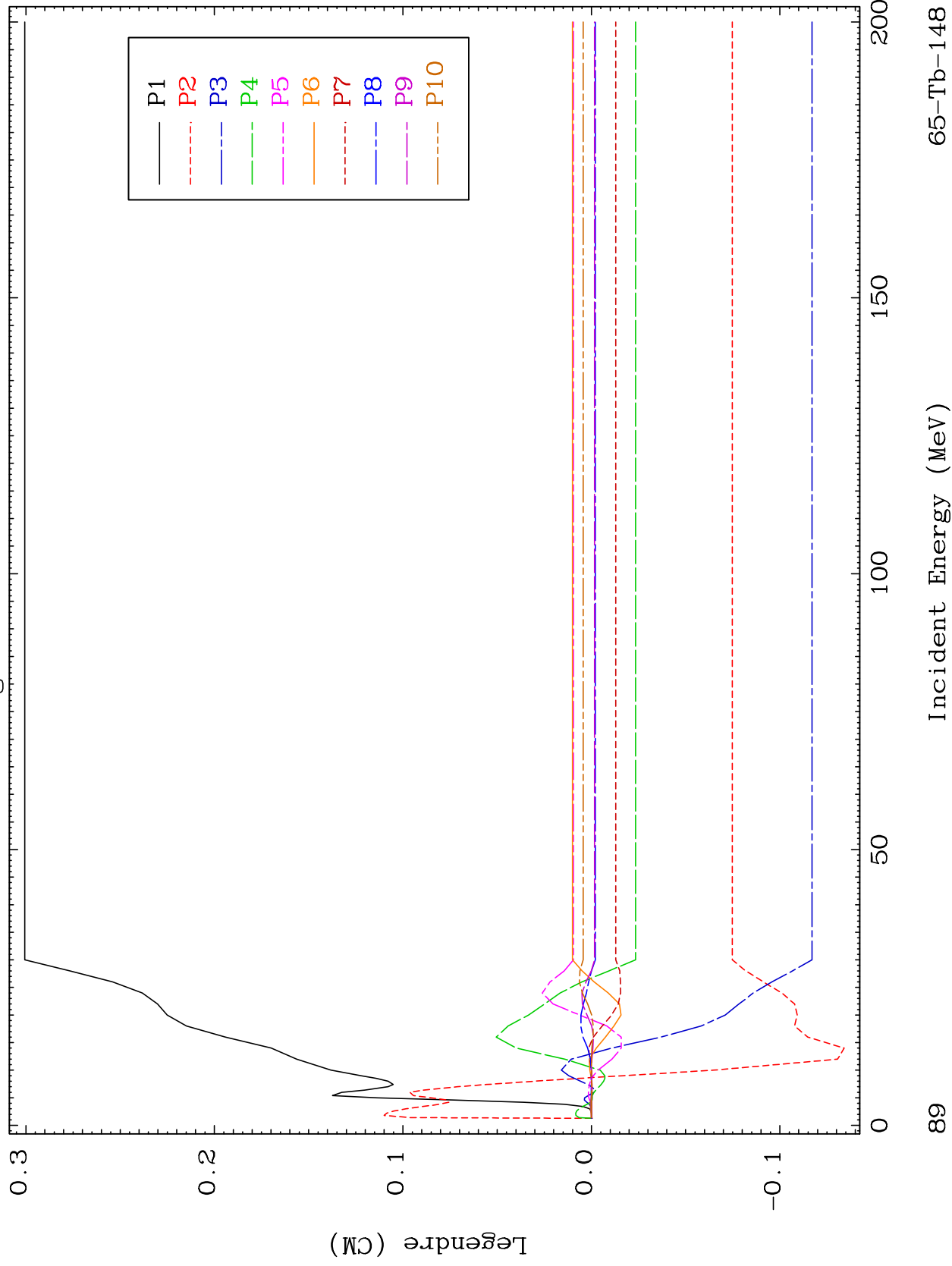
Incident Energy (MeV)

65-Tb-148

MAT 6492

1.267 MeV (n,n') Level  
Legendre Coefficients

65-Tb-148



89

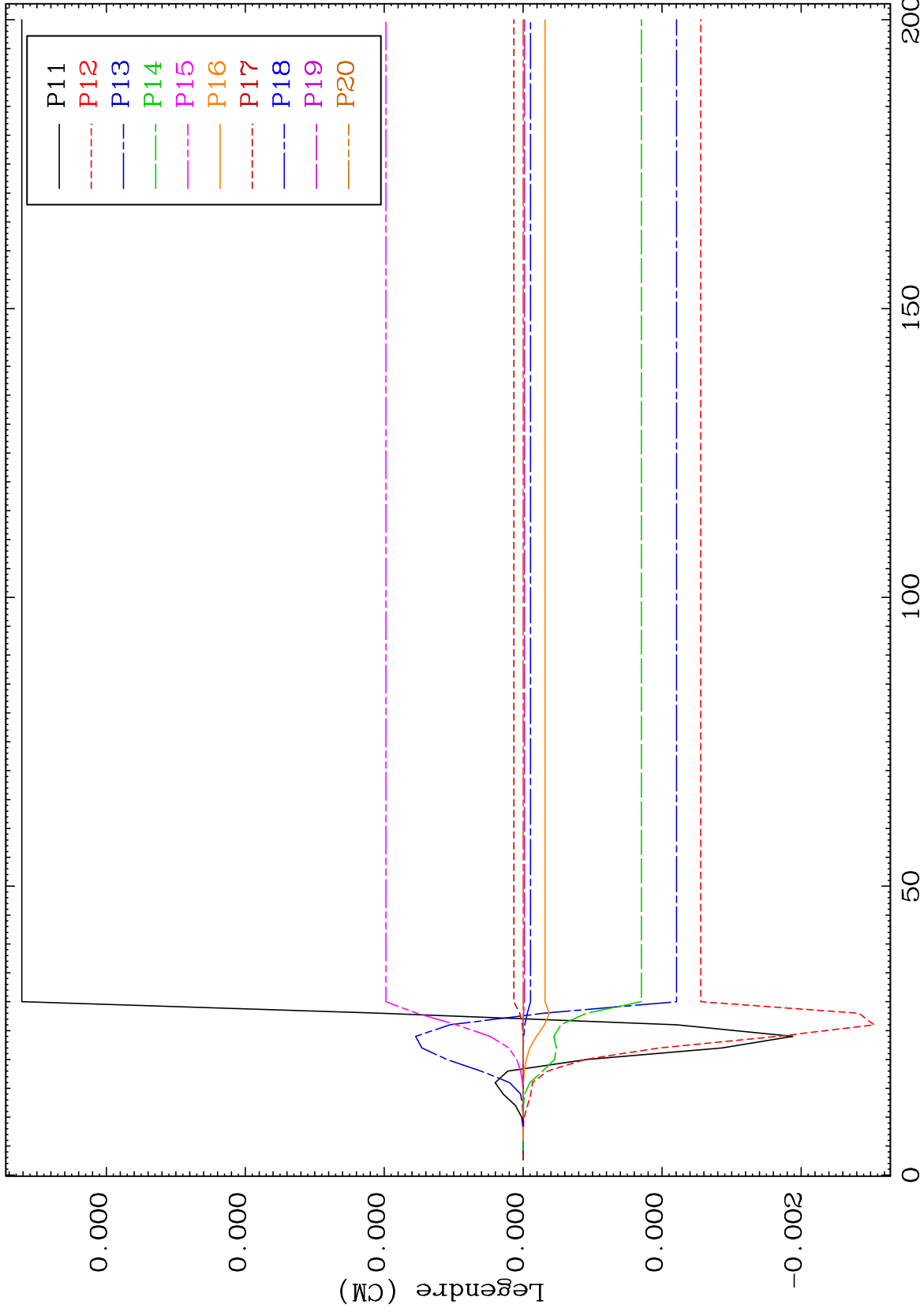
Incident Energy (MeV)

65-Tb-148

MAT 6492

1.267 MeV (n,n') Level  
Legendre Coefficients

65-Tb-148



90

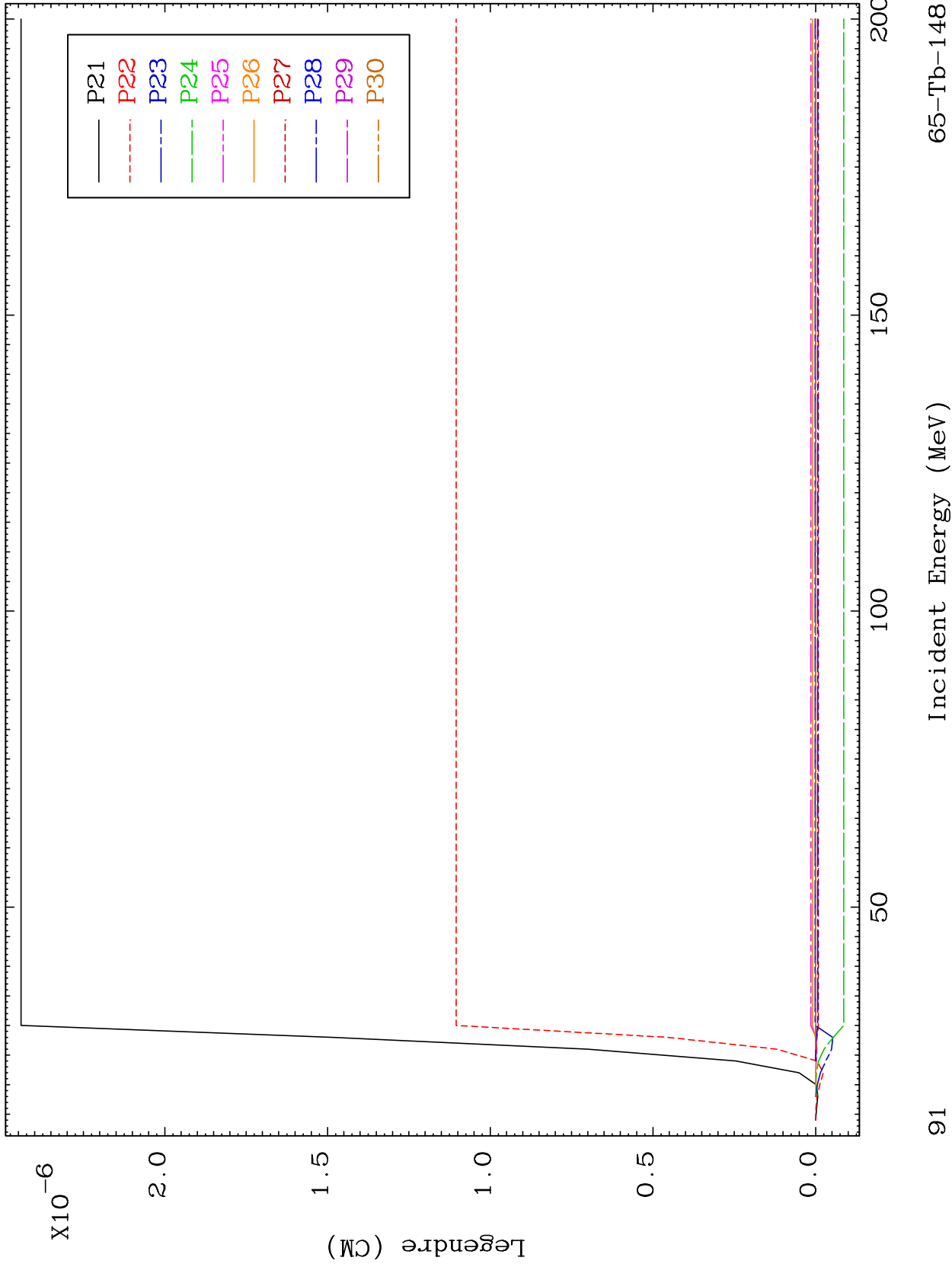
Incident Energy (MeV)

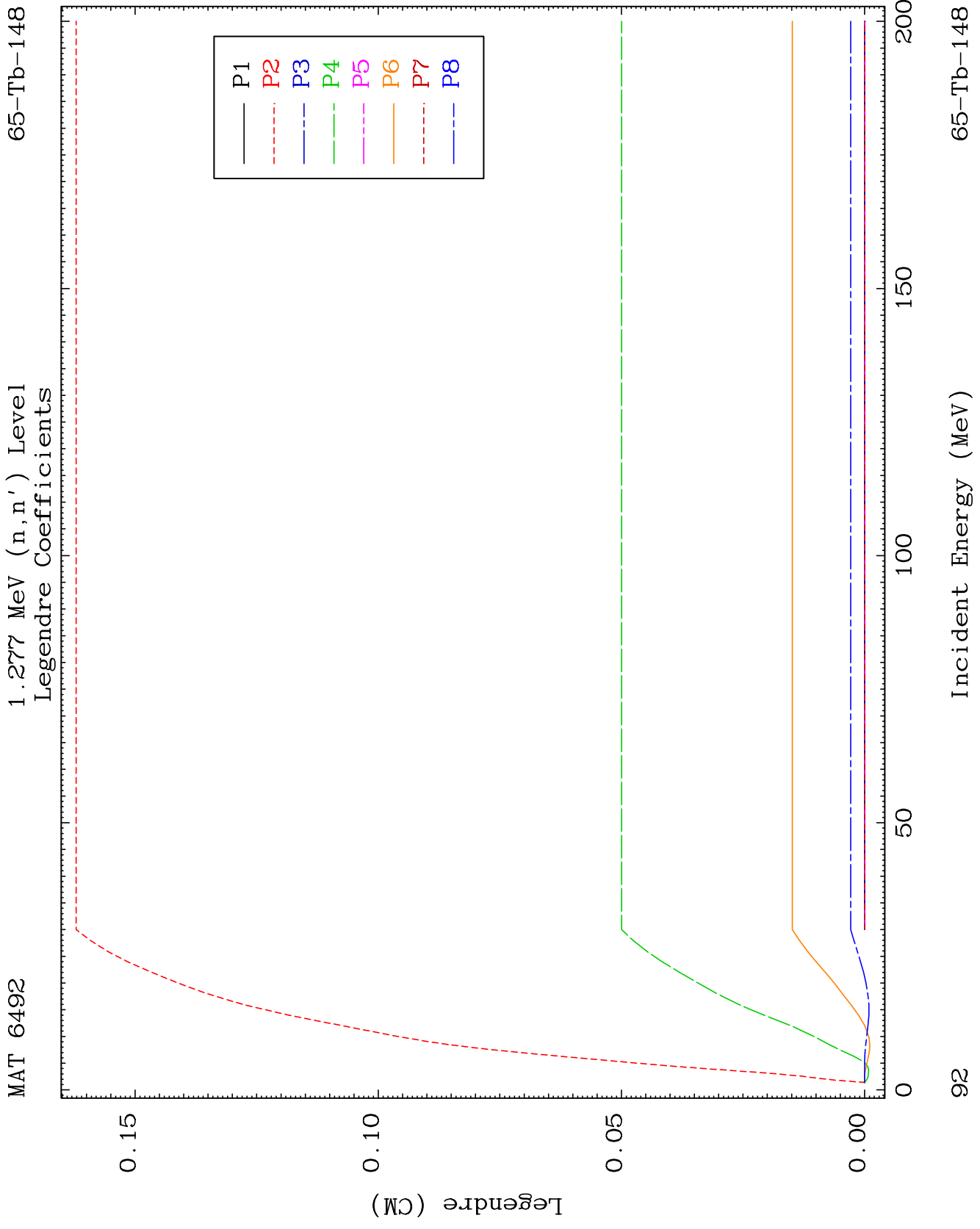
65-Tb-148

MAT 6492

1.267 MeV (n,n') Level  
Legendre Coefficients

65-Tb-148

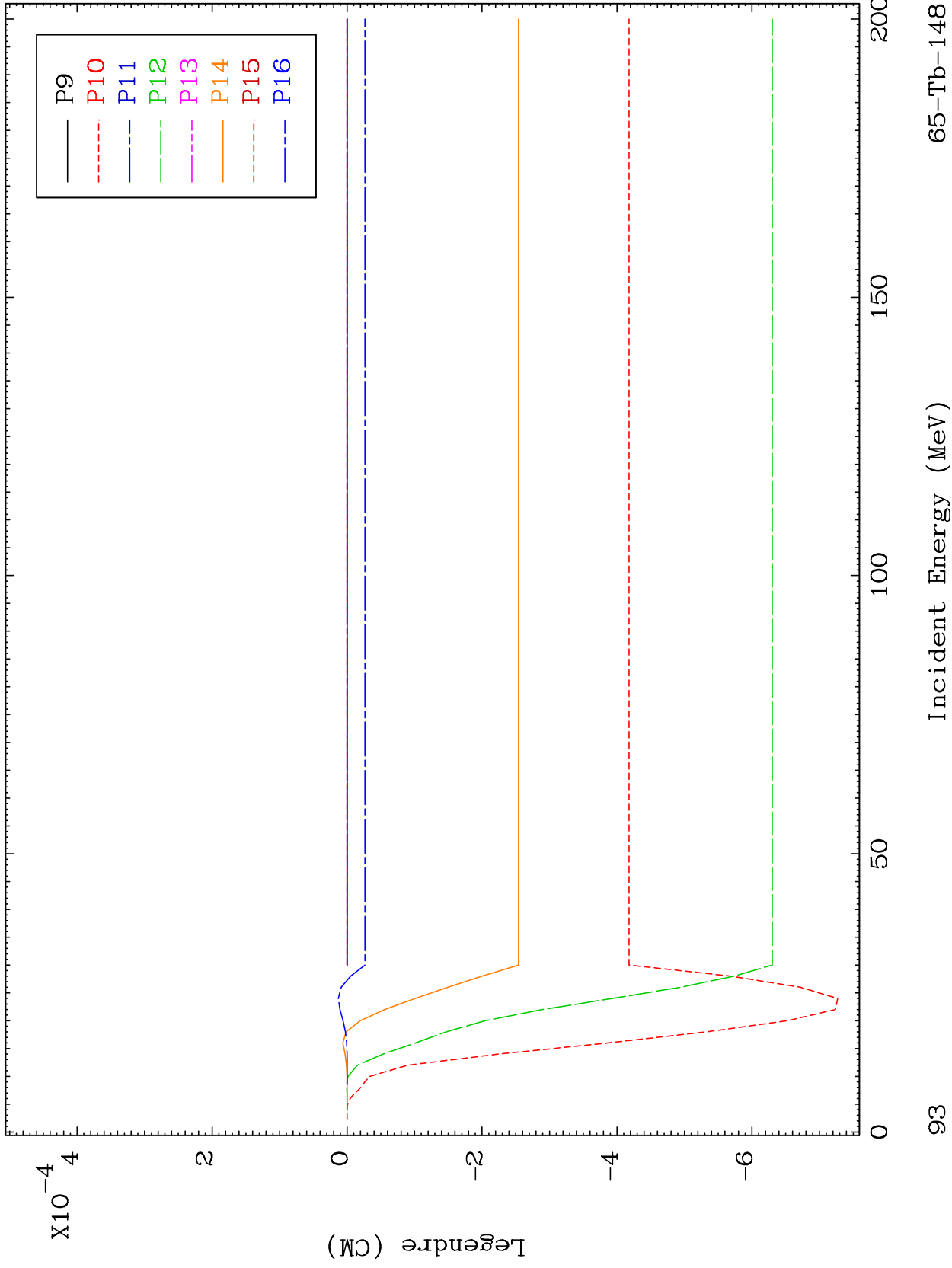




MAT 6492

1.277 MeV (n,n') Level  
Legendre Coefficients

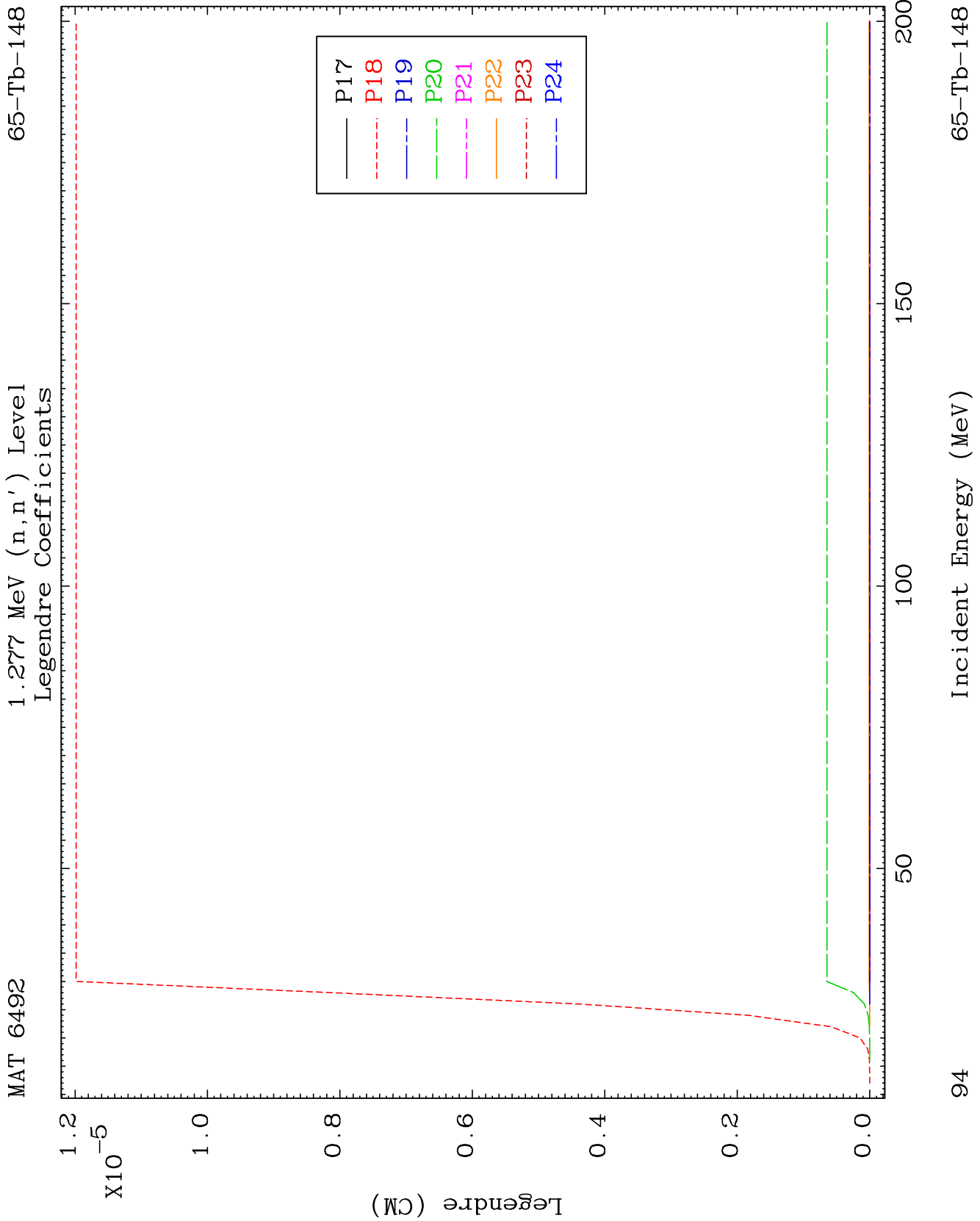
65-Tb-148



93

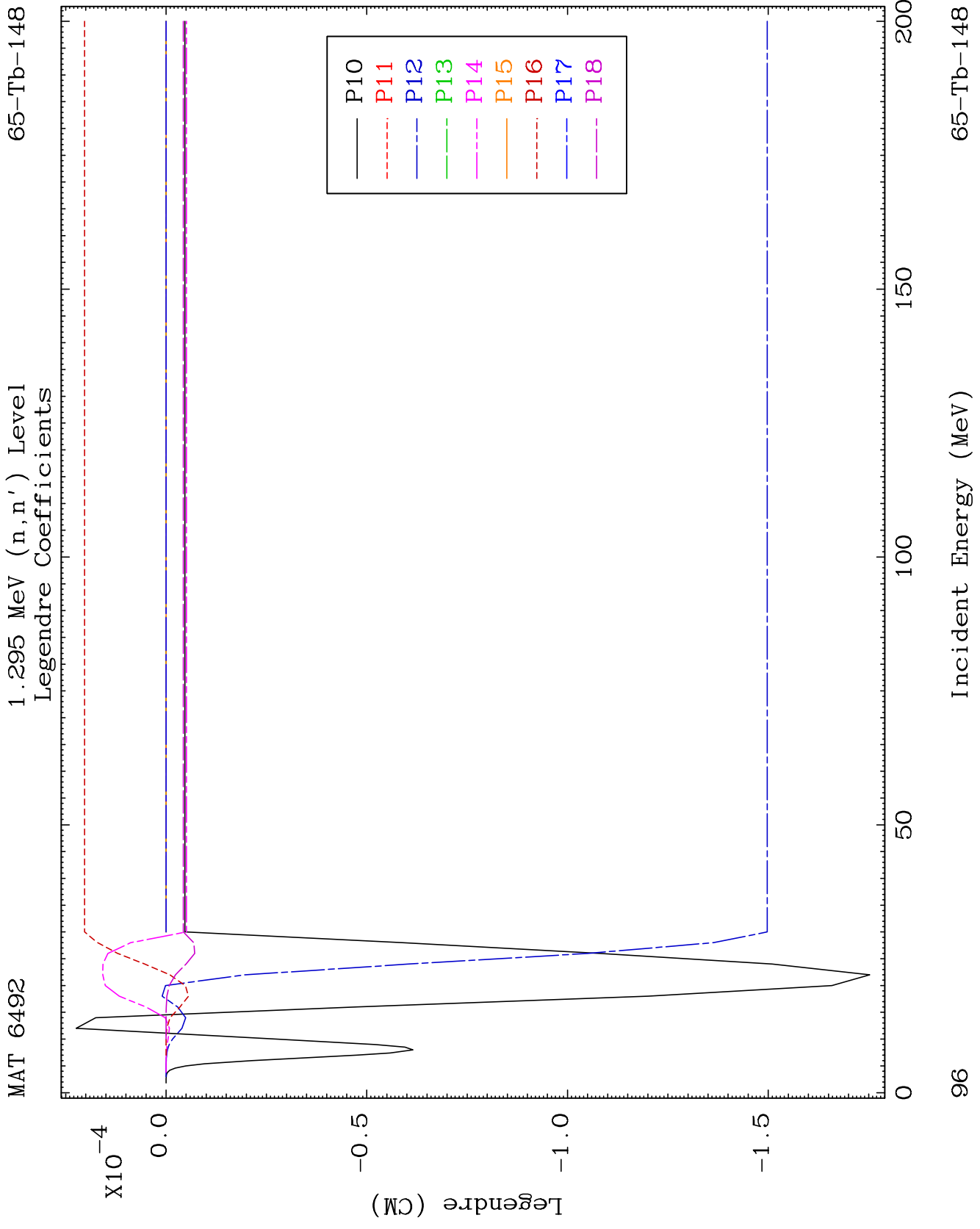
Incident Energy (MeV)

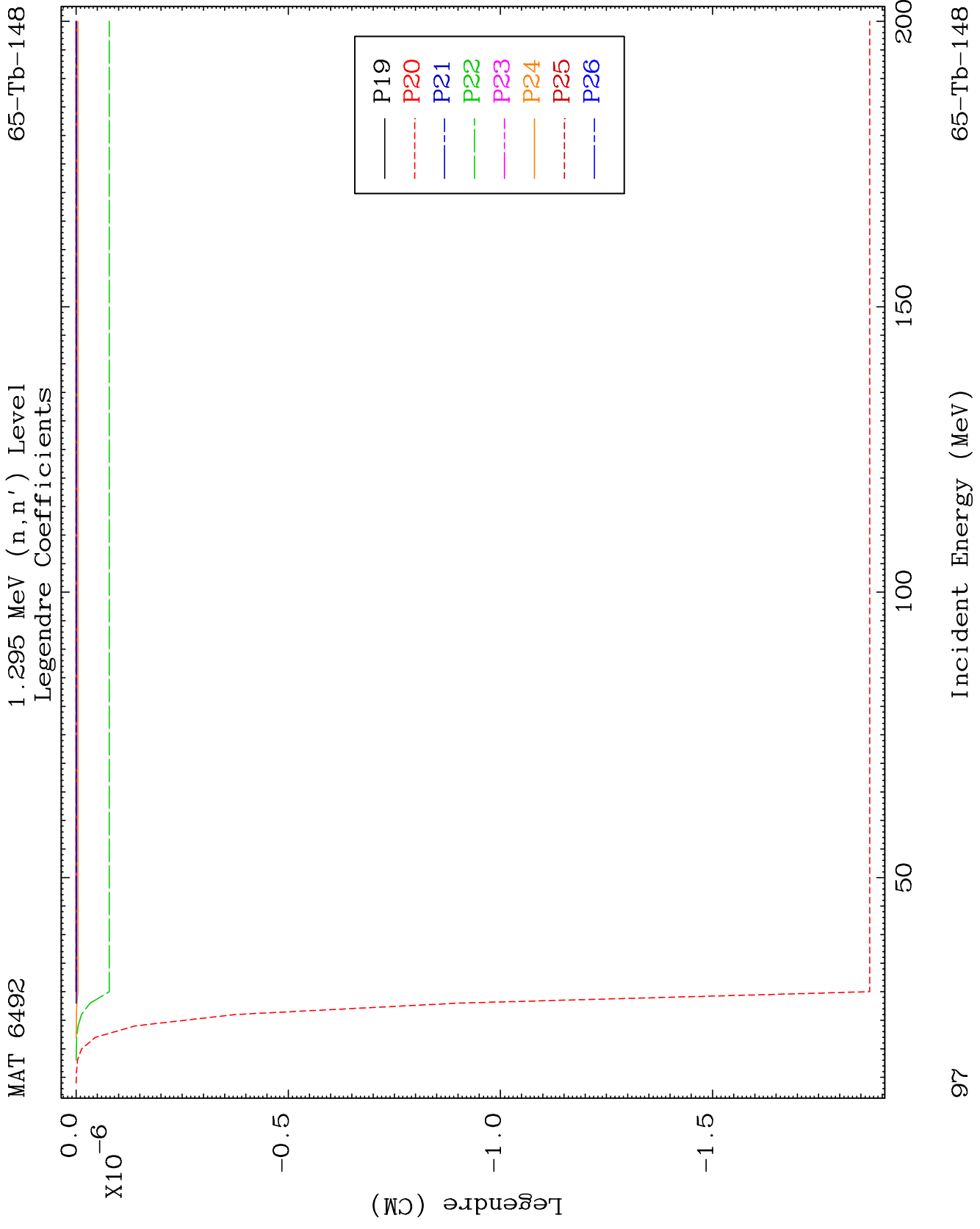
65-Tb-148







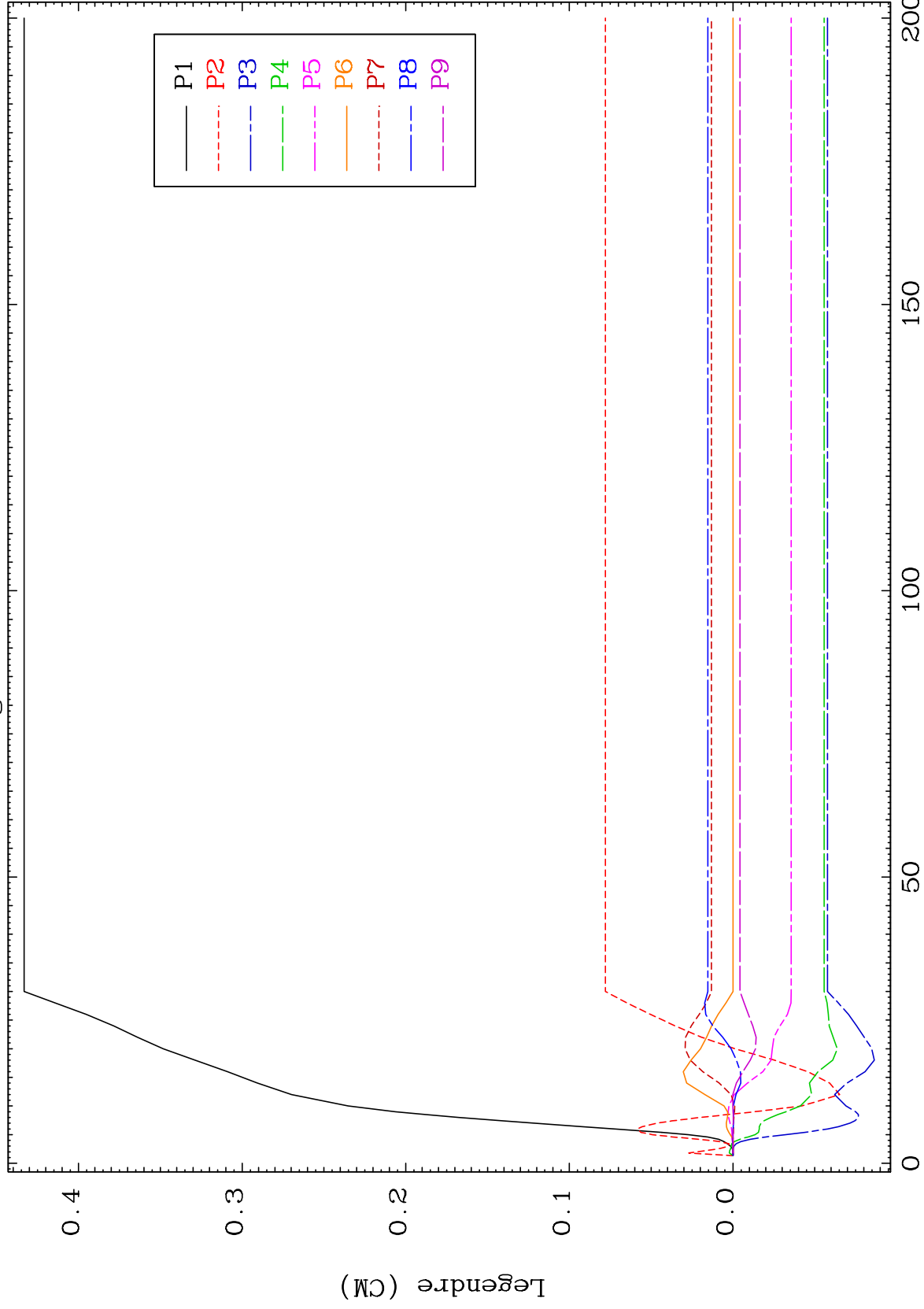




MAT 6492

1.305 MeV (n,n') Level  
Legendre Coefficients

65-Tb-148



98

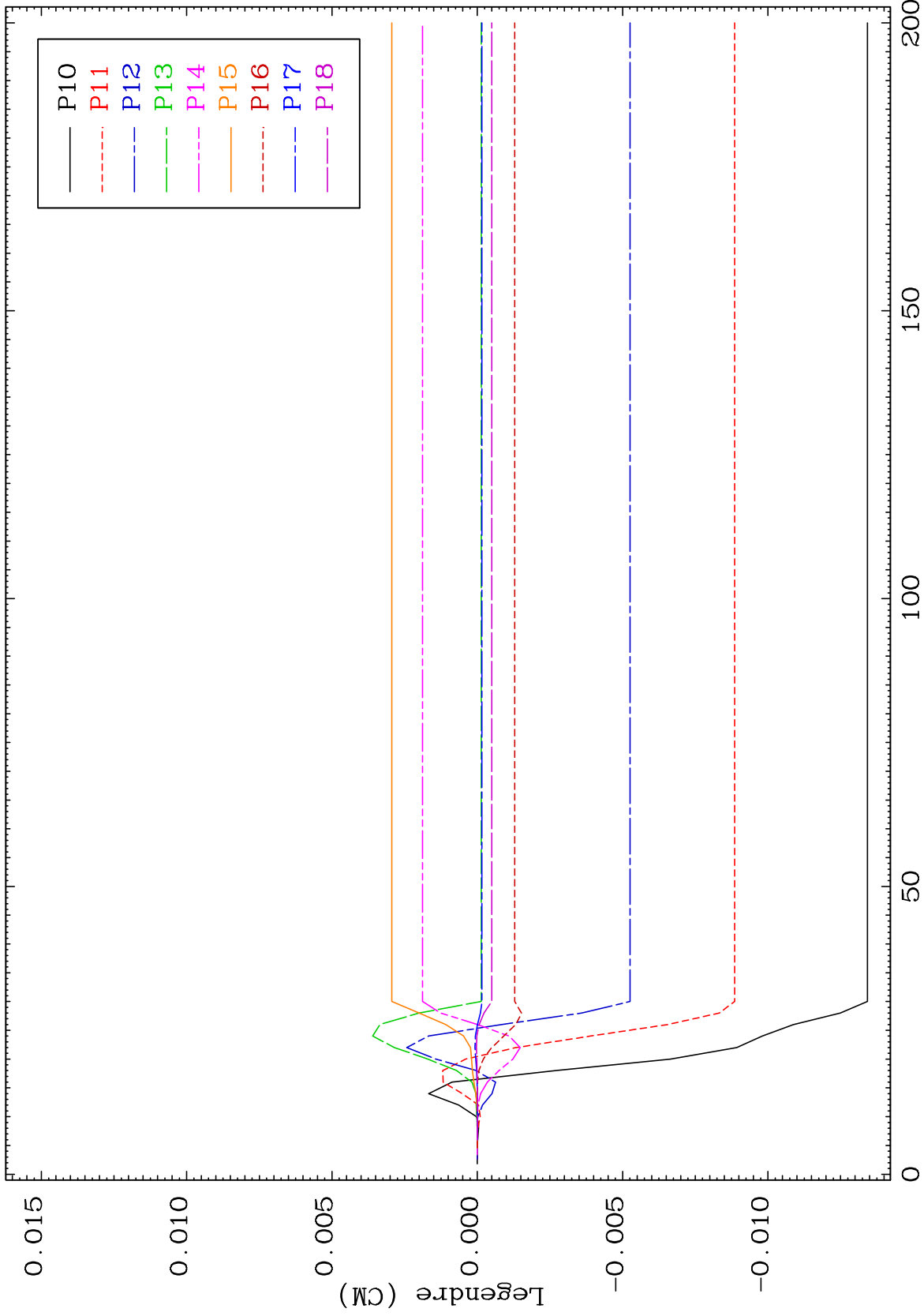
Incident Energy (MeV)

65-Tb-148

MAT 6492

1.305 MeV (n,n') Level  
Legendre Coefficients

65-Tb-148



99

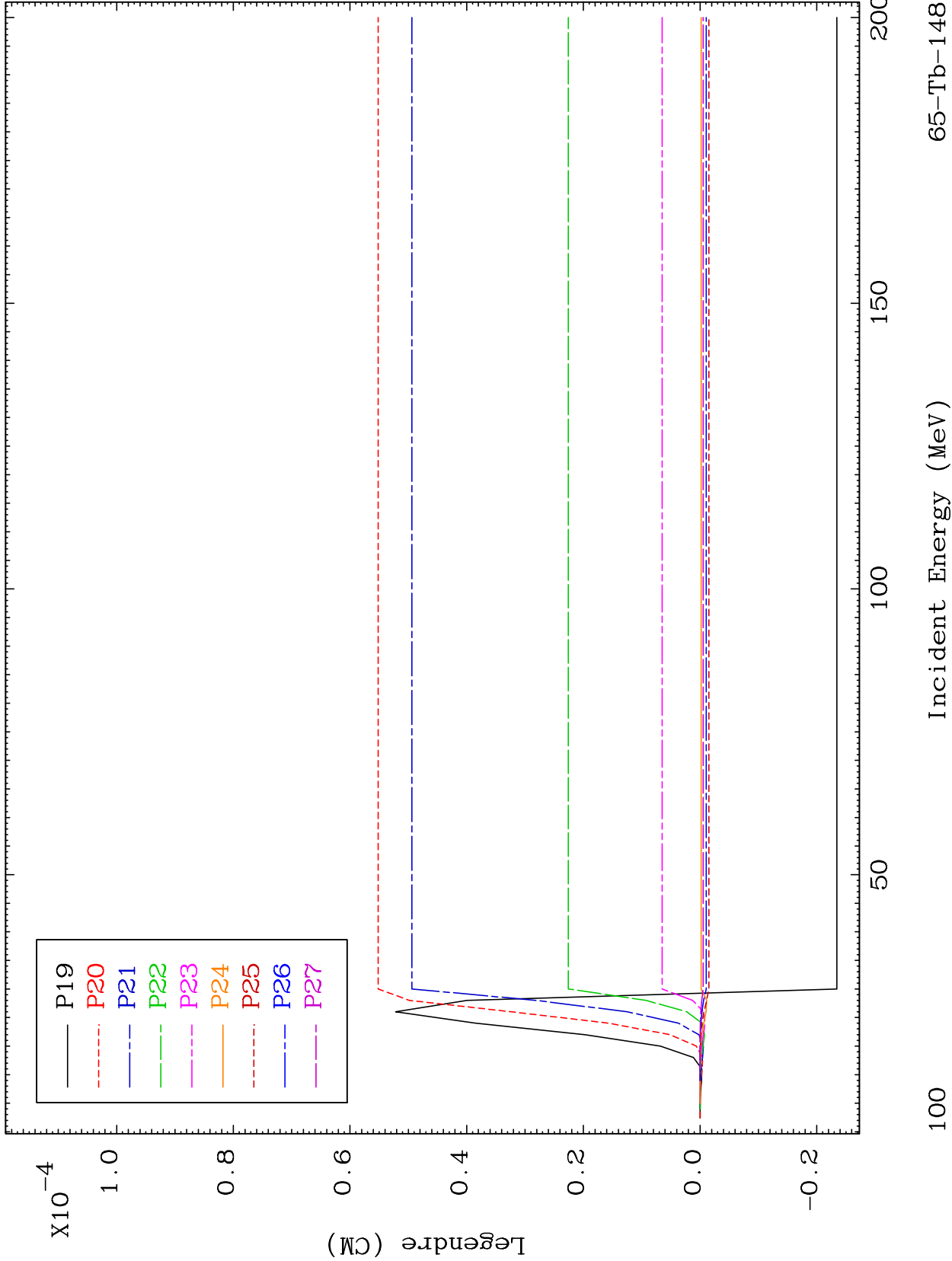
Incident Energy (MeV)

65-Tb-148

MAT 6492

1.305 MeV (n,n') Level  
Legendre Coefficients

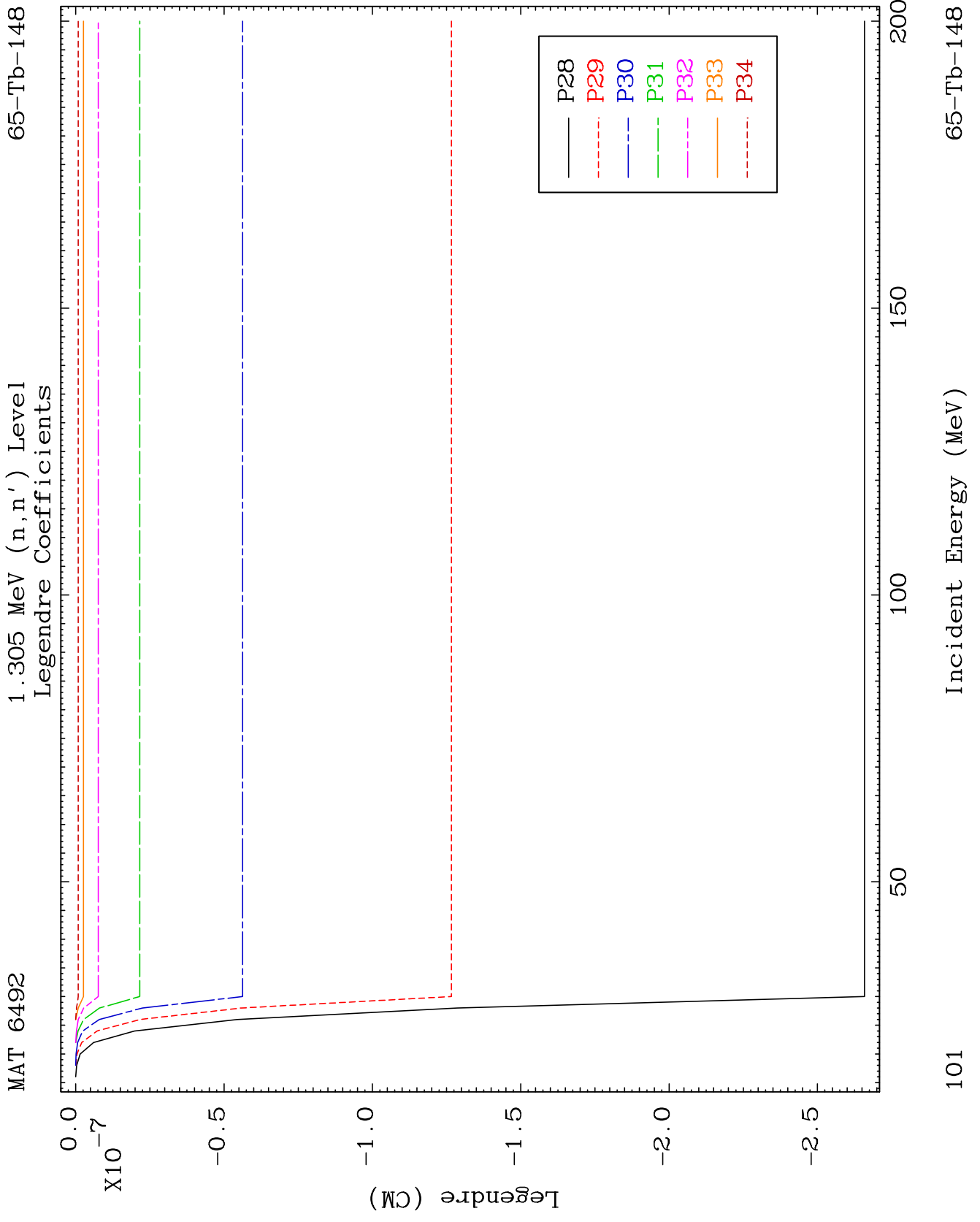
65-Tb-148

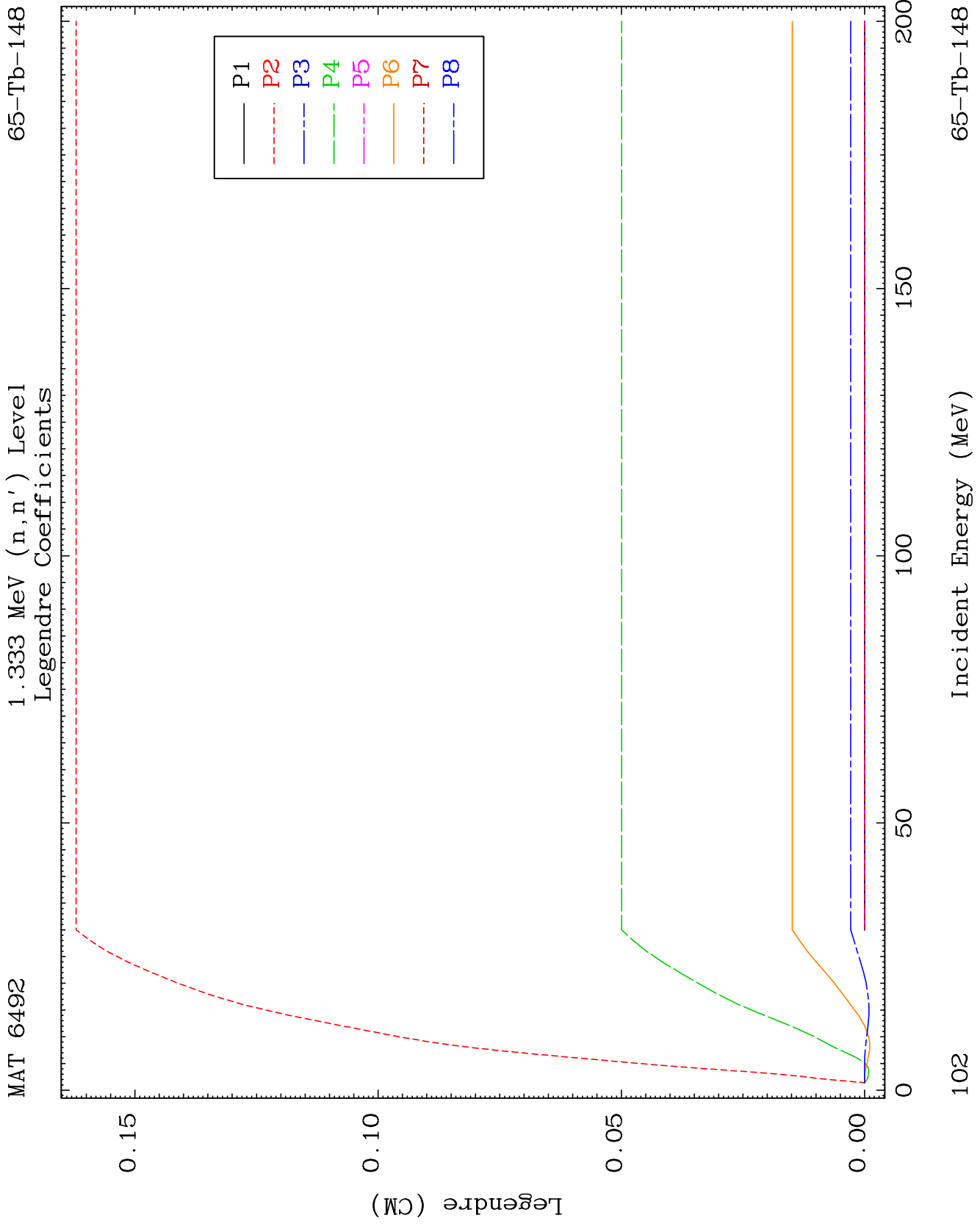


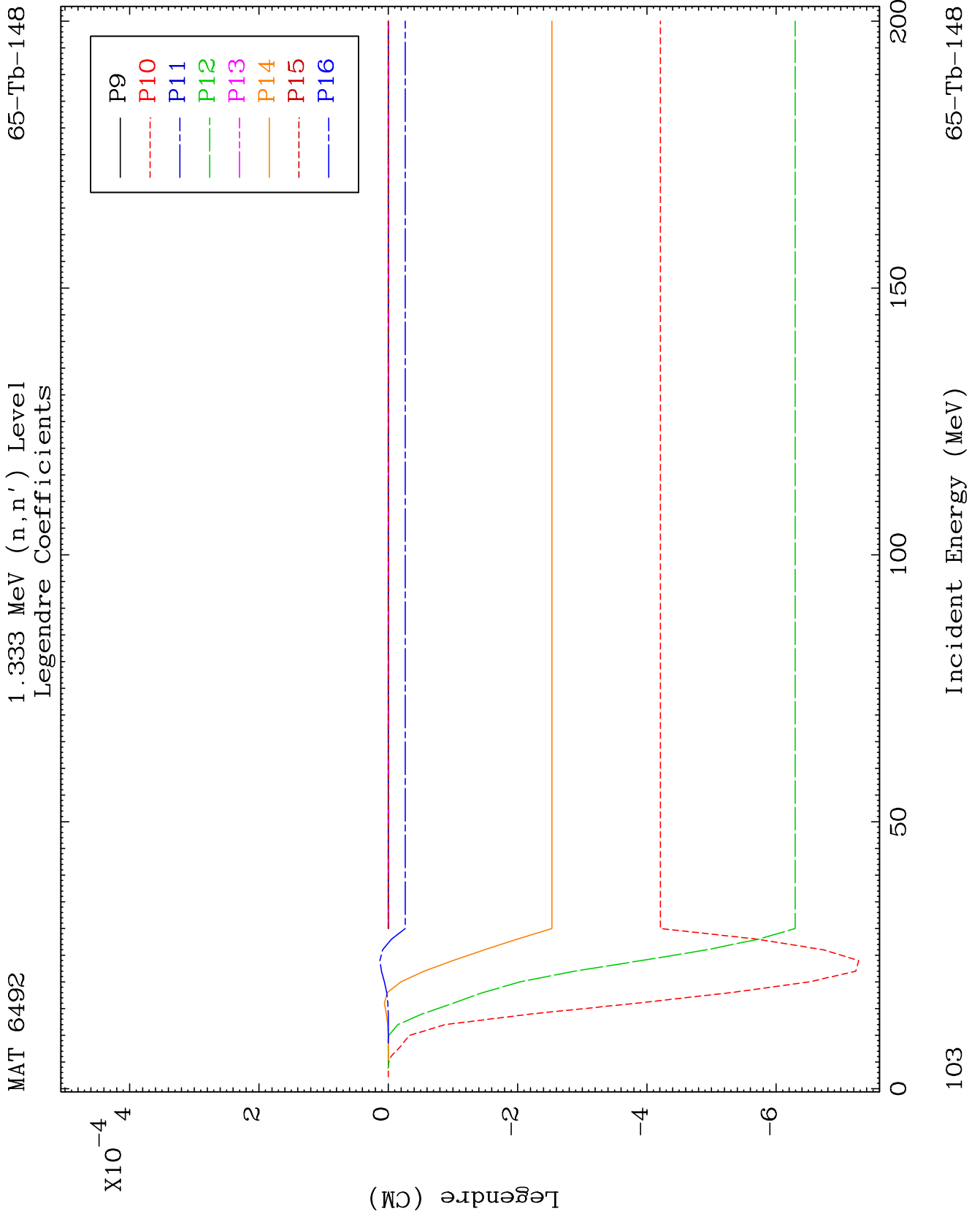
100

Incident Energy (MeV)

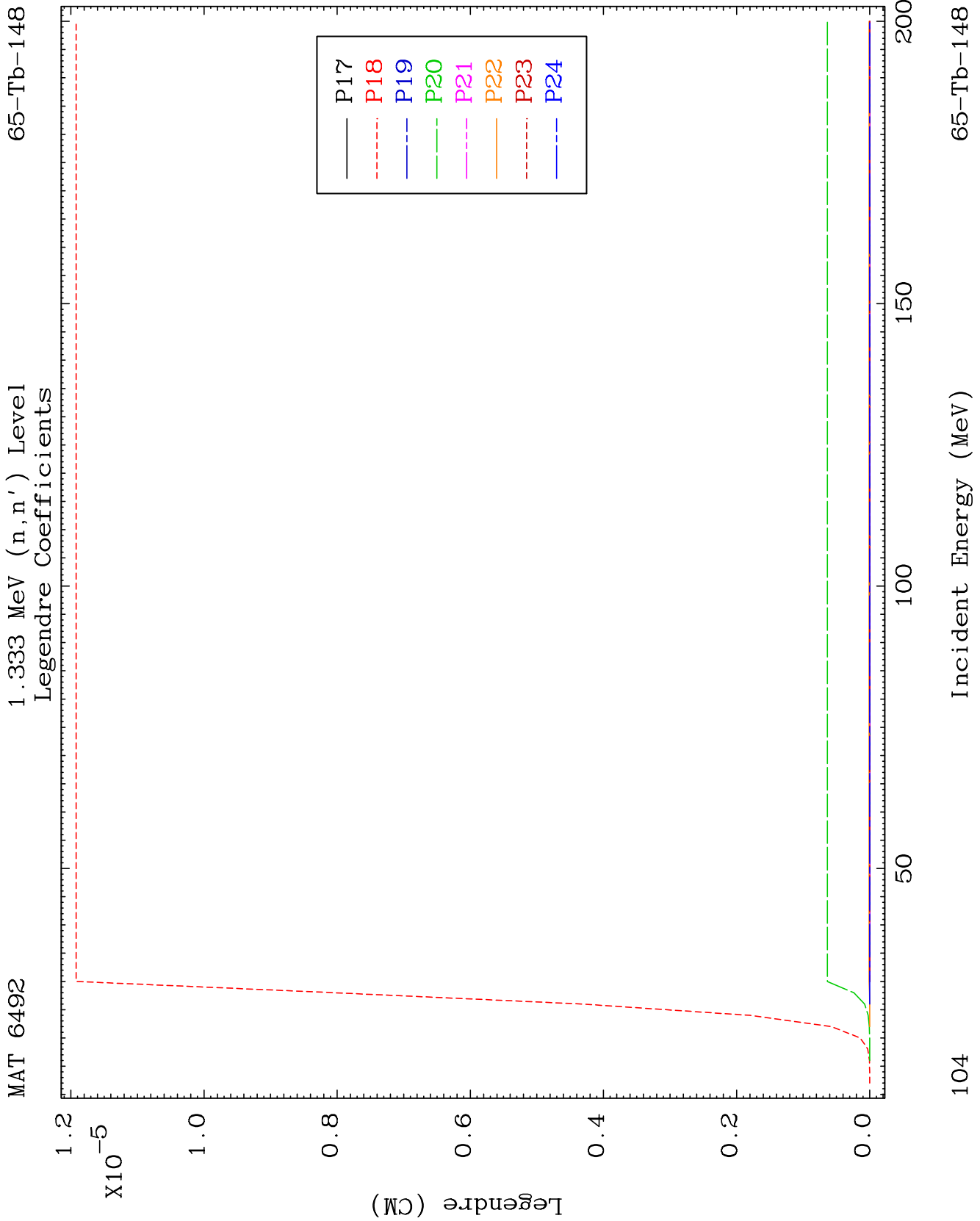
65-Tb-148

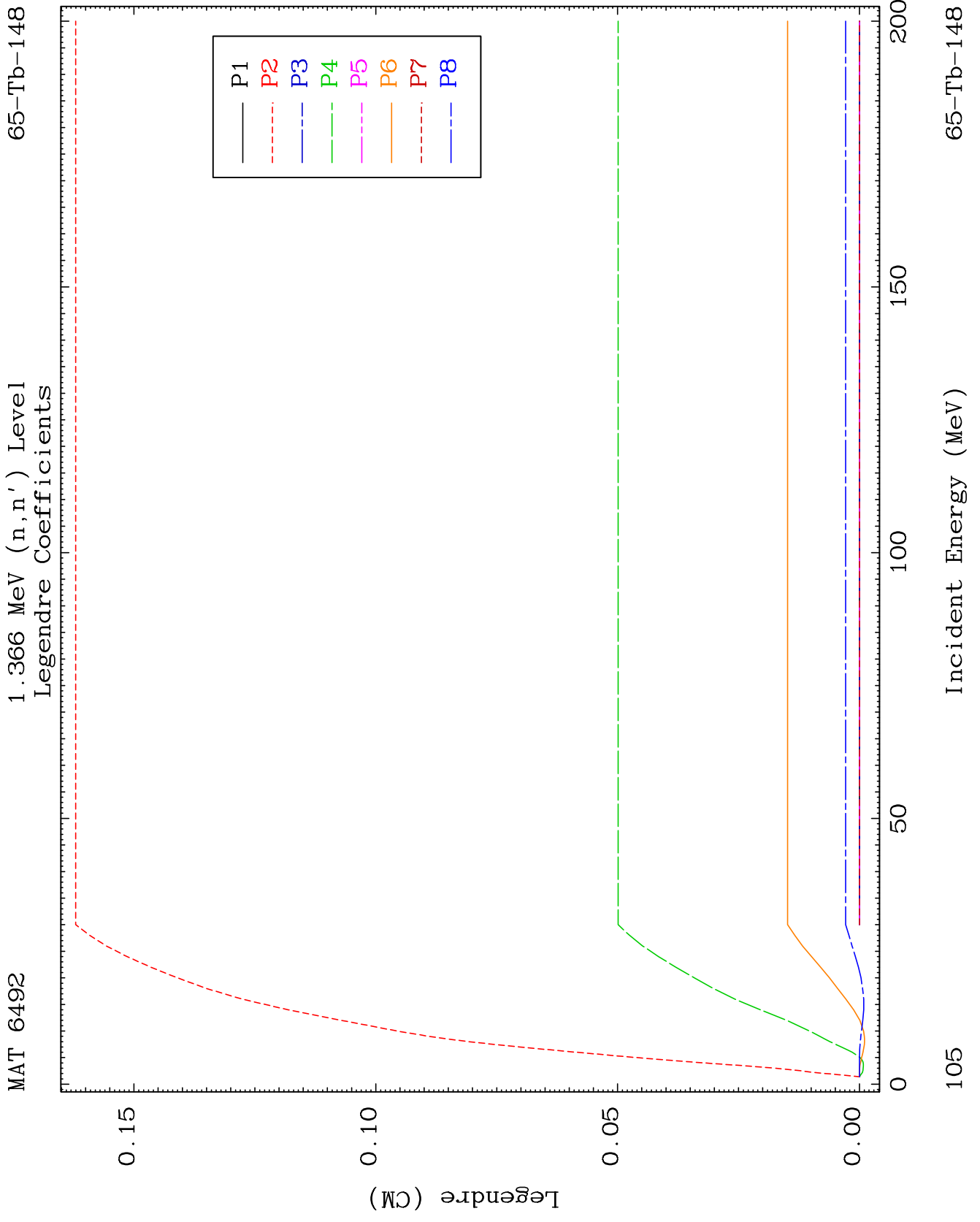








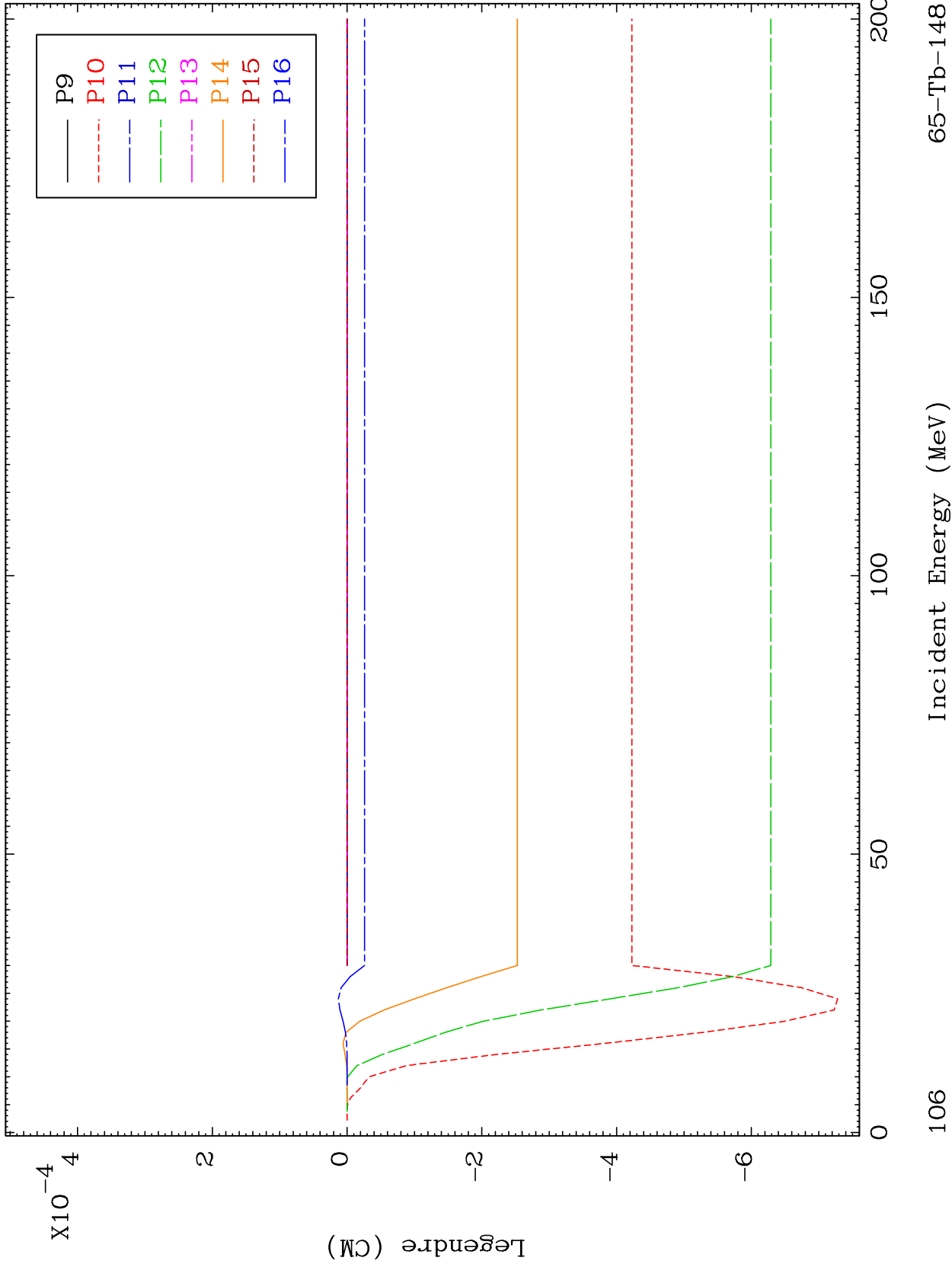




MAT 6492

1.366 MeV (n,n') Level  
Legendre Coefficients

65-Tb-148

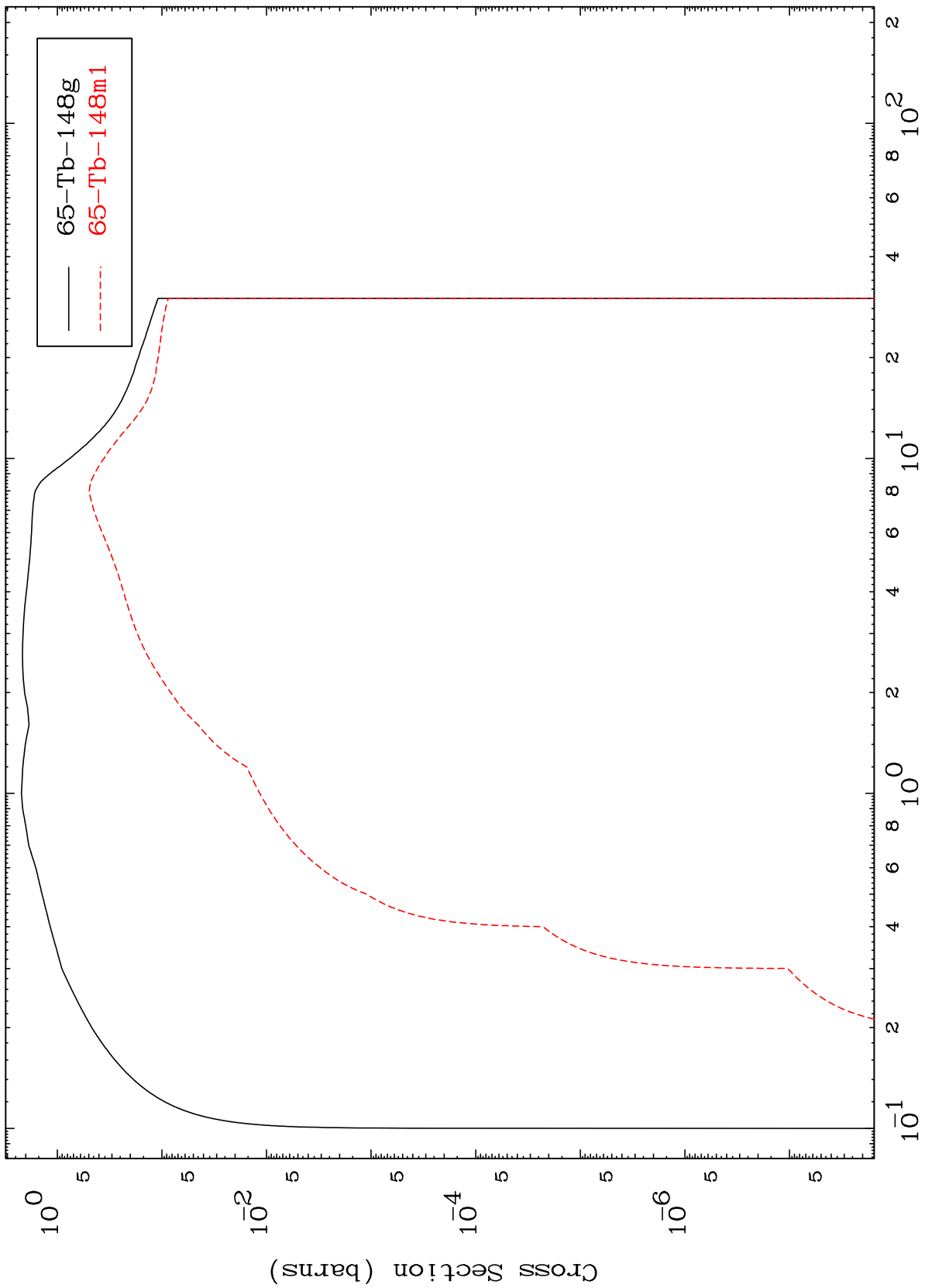




MAT 6492

65-Tb-148

### Inelastic Radionuclide Production Cross Section



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

65-Tb-148

Incident Energy (MeV)

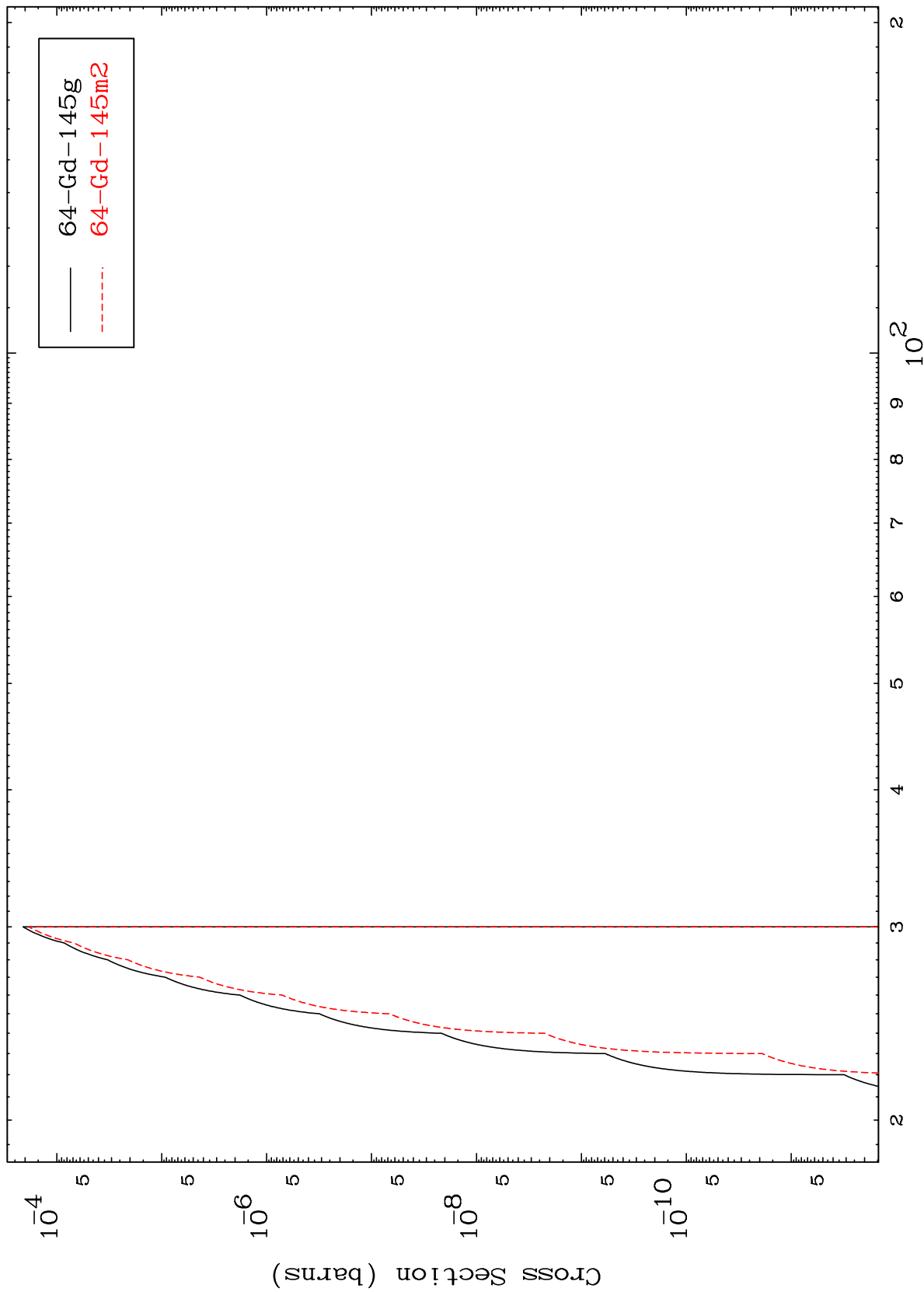
108

MAT 6492

(n,2n) d

65-Tb-148

Radionuclide Production Cross Section



109

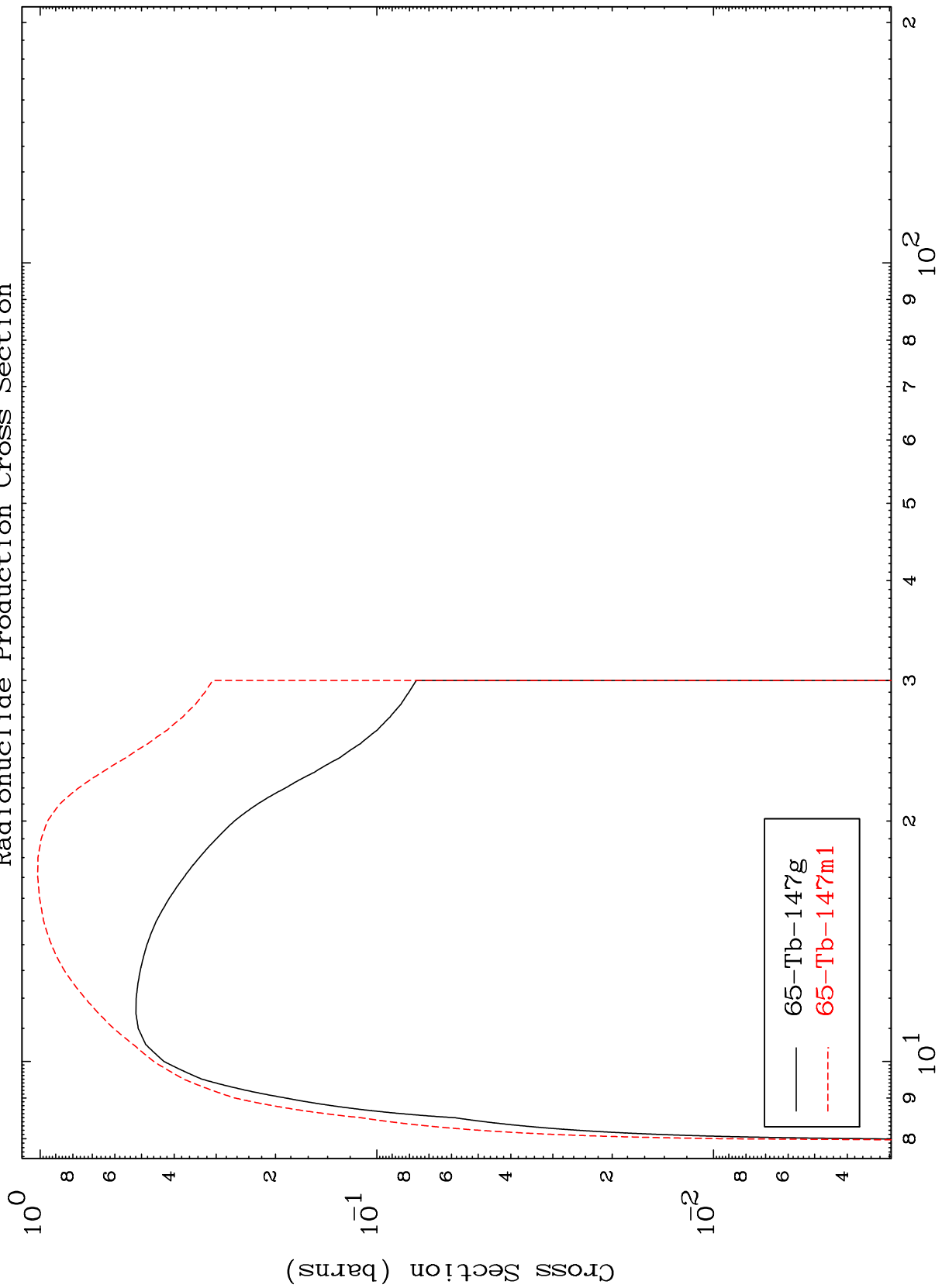
Incident Energy (MeV)

65-Tb-148

MAT 6492

65-Tb-148

(n,2n)  
Radionuclide Production Cross Section



65-Tb-148

Incident Energy (MeV)

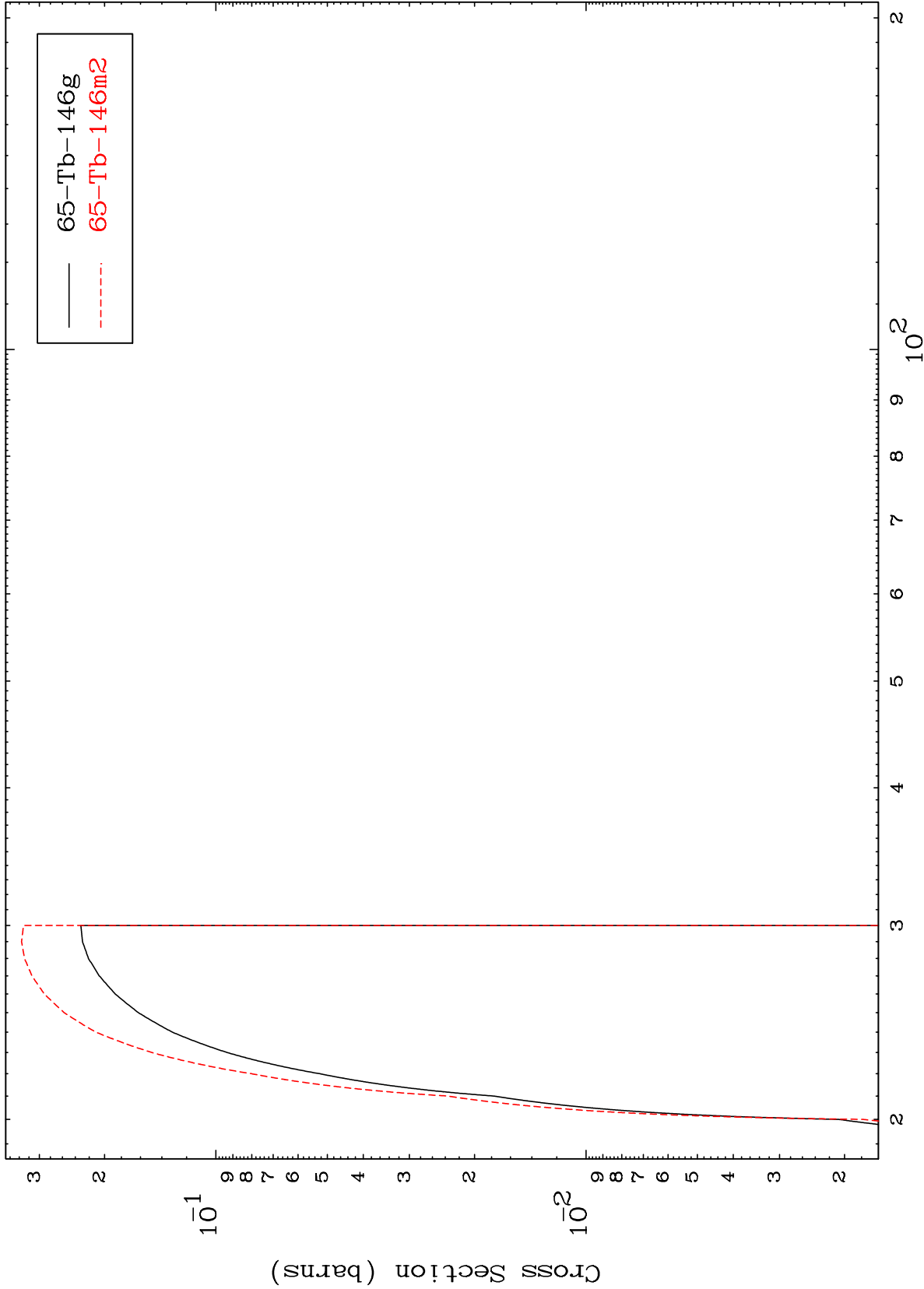
110

MAT 6492

(n,3n)

65-Tb-148

Radionuclide Production Cross Section



111

Incident Energy (MeV)

65-Tb-148

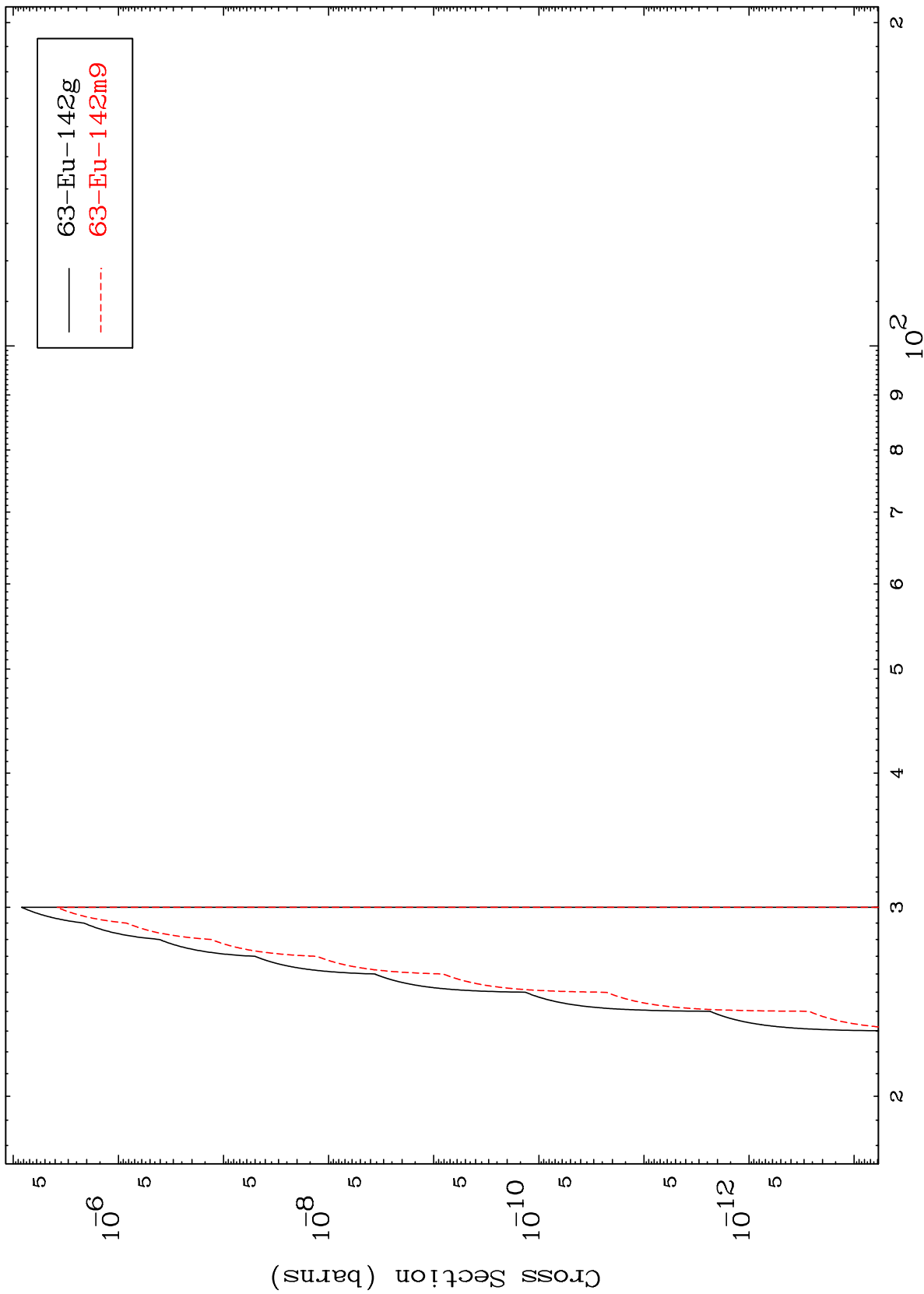


MAT 6492

(n,3n)  $\alpha$

65-Tb-148

Radionuclide Production Cross Section



112

Incident Energy (MeV)

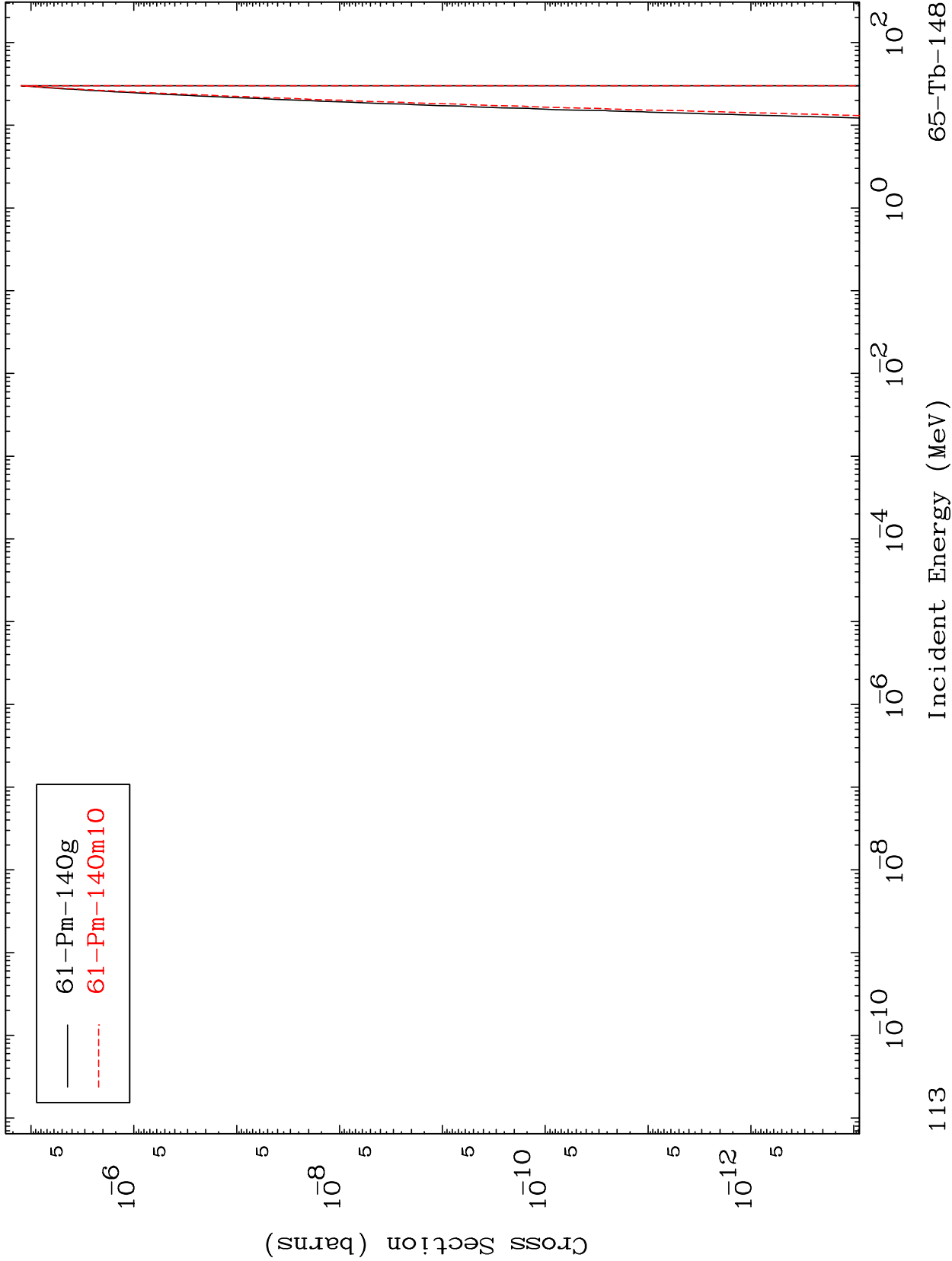
65-Tb-148

MAT 6492

(n,n') 2 $\alpha$

65-Tb-148

Radionuclide Production Cross Section

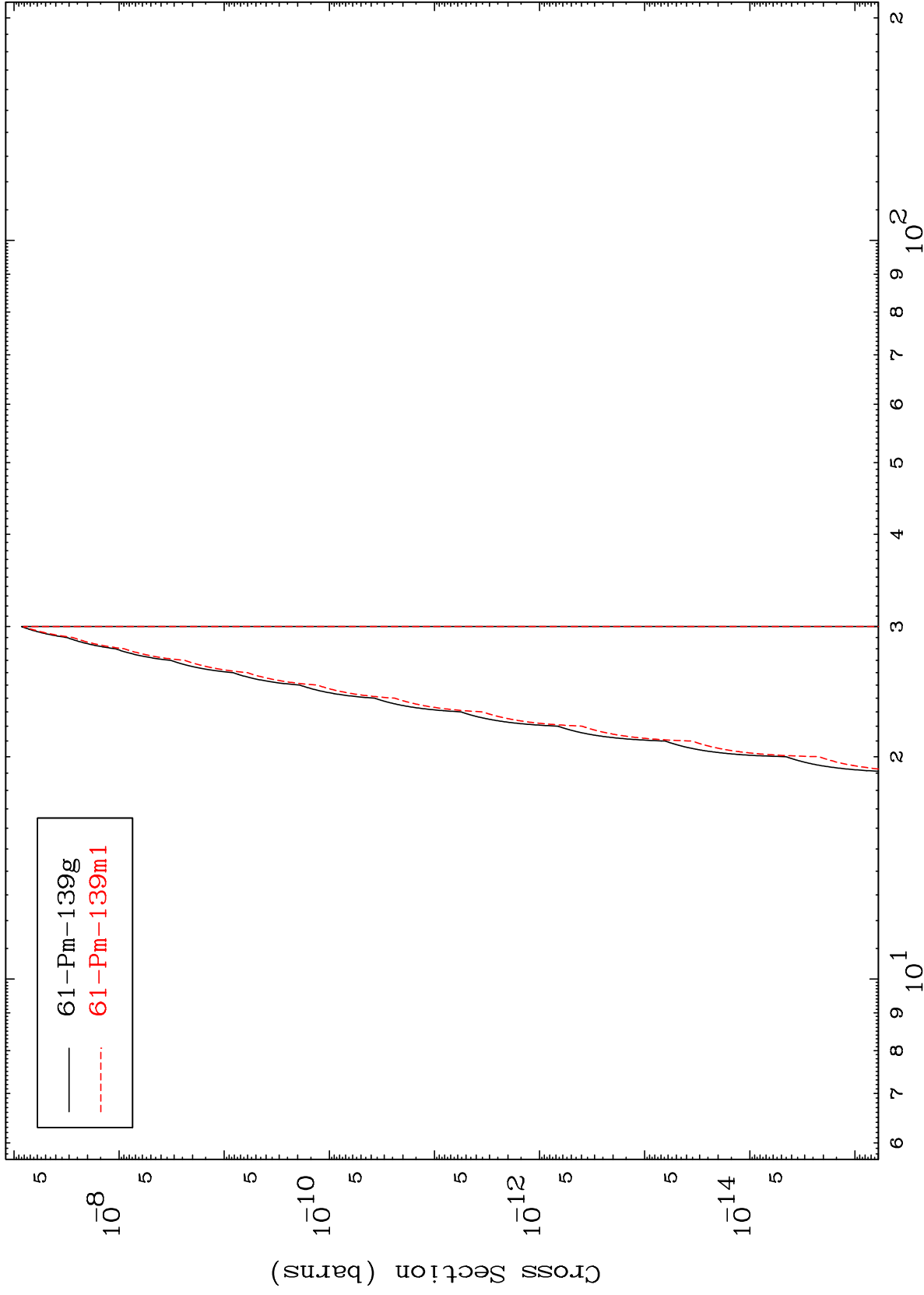


MAT 6492

$(n,2n) 2\alpha$

65-Tb-148

Radionuclide Production Cross Section



61-Pm-139g  
61-Pm-139m1

114

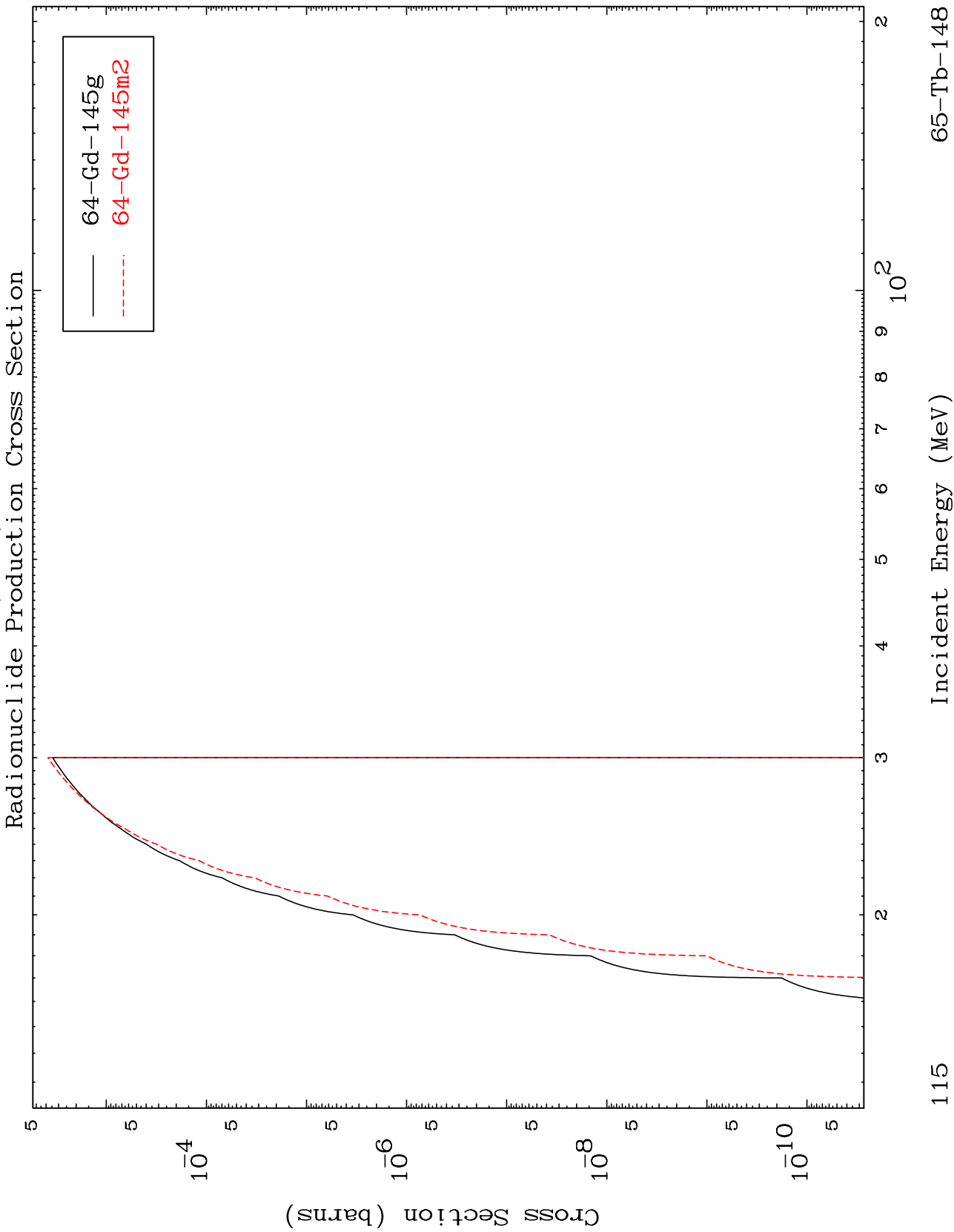
Incident Energy (MeV)

65-Tb-148

MAT 6492

(n,n') t

65-Tb-148



115

Incident Energy (MeV)

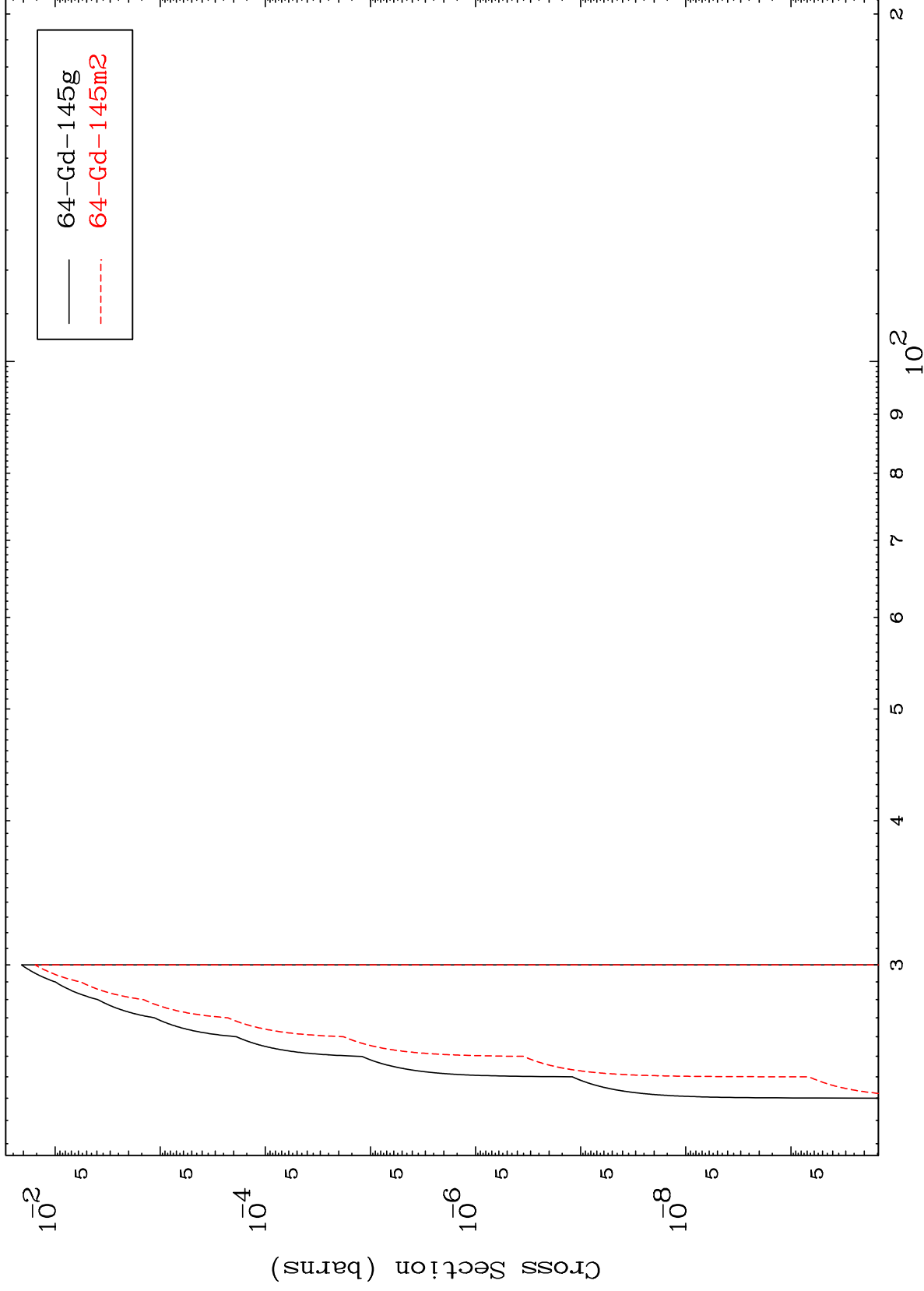
65-Tb-148

MAT 6492

(n,3n) p

65-Tb-148

Radionuclide Production Cross Section



116

Incident Energy (MeV)

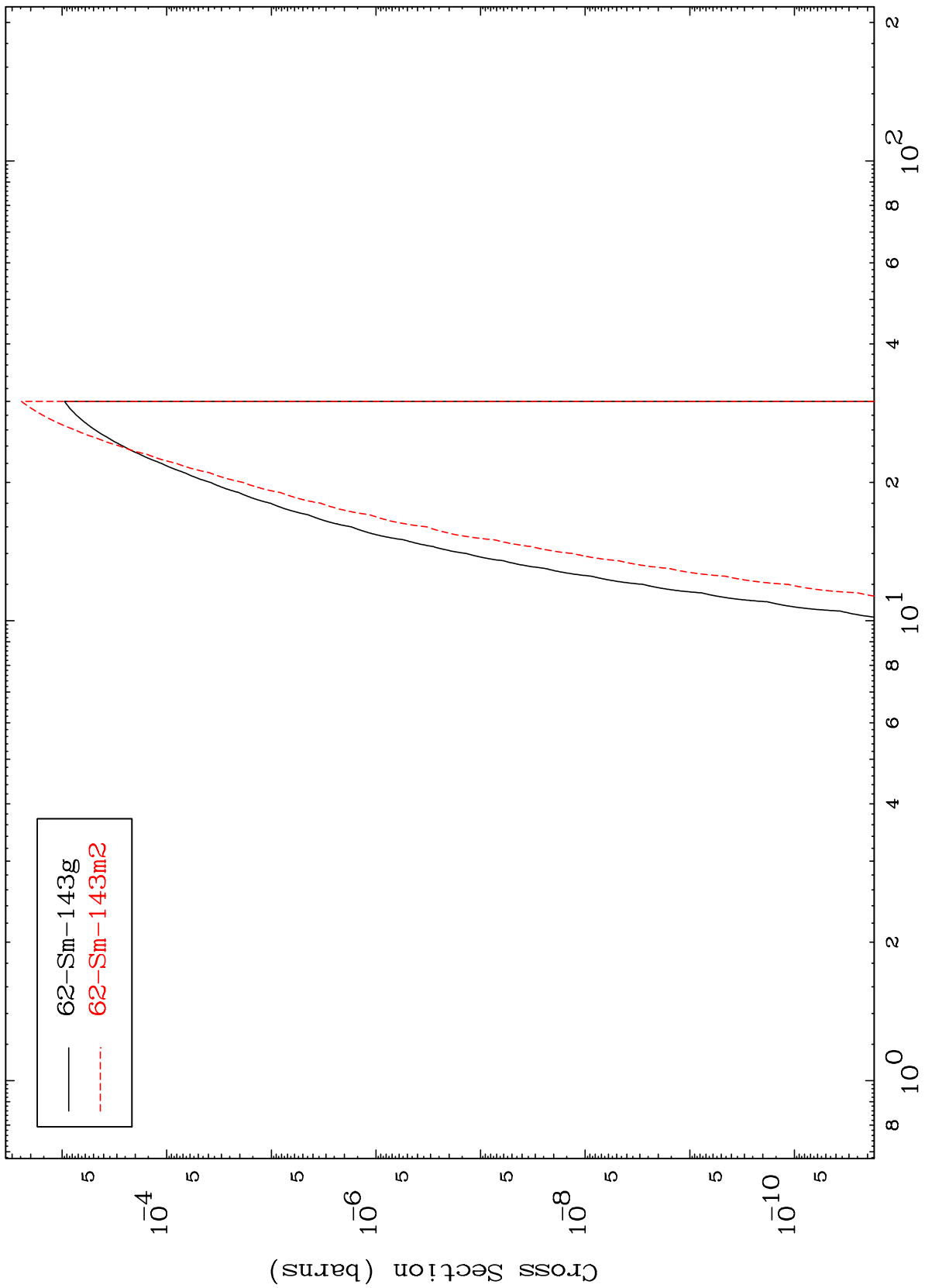
65-Tb-148

MAT 6492

(n,n') p  $\alpha$

65-Tb-148

Radionuclide Production Cross Section



117

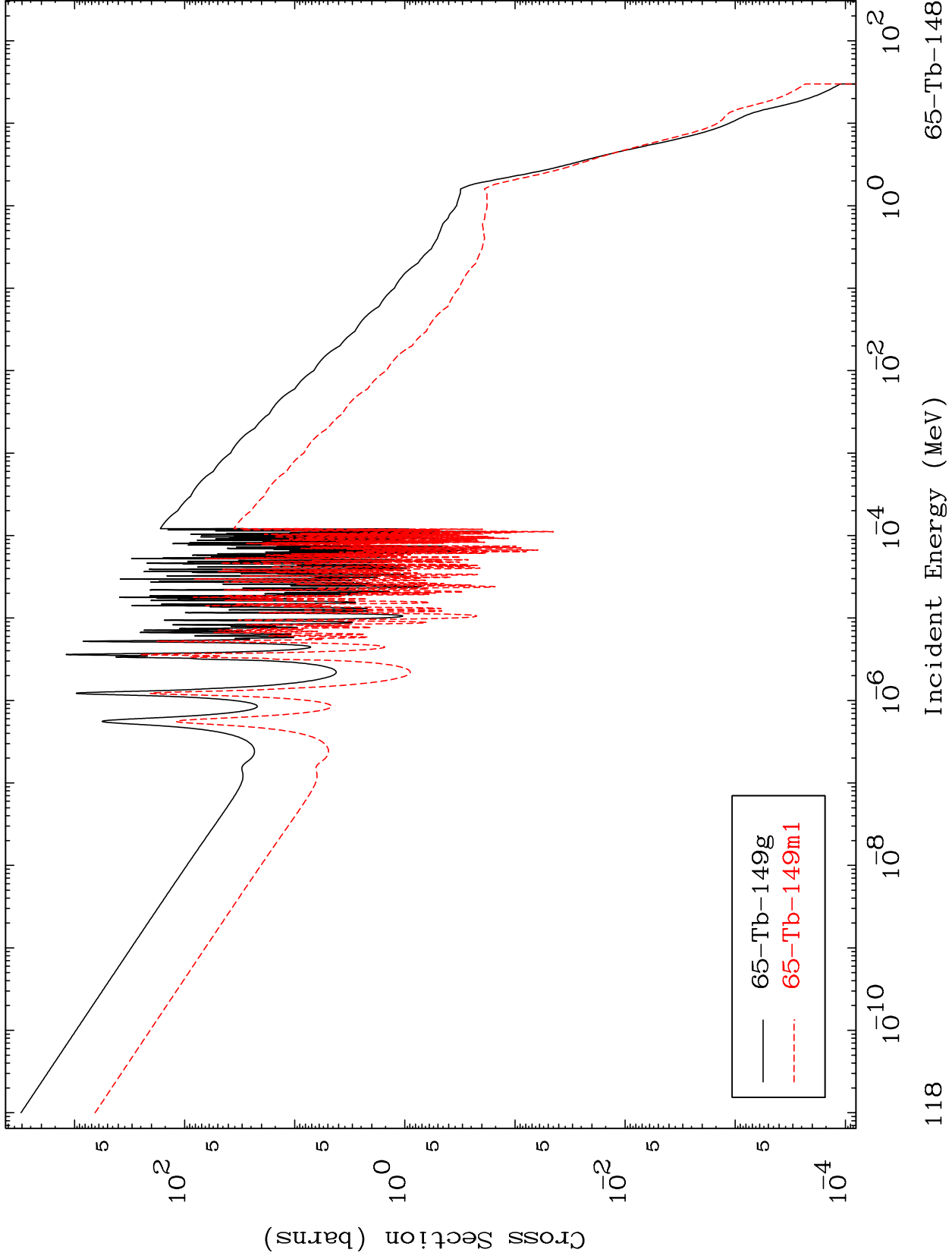
Incident Energy (MeV)

65-Tb-148

MAT 6492

65-Tb-148

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



MAT 6492

(n,d)  $\alpha$

65-Tb-148

Radionuclide Production Cross Section

