

Program EVALPLOT  
(Version 2018-1)

by

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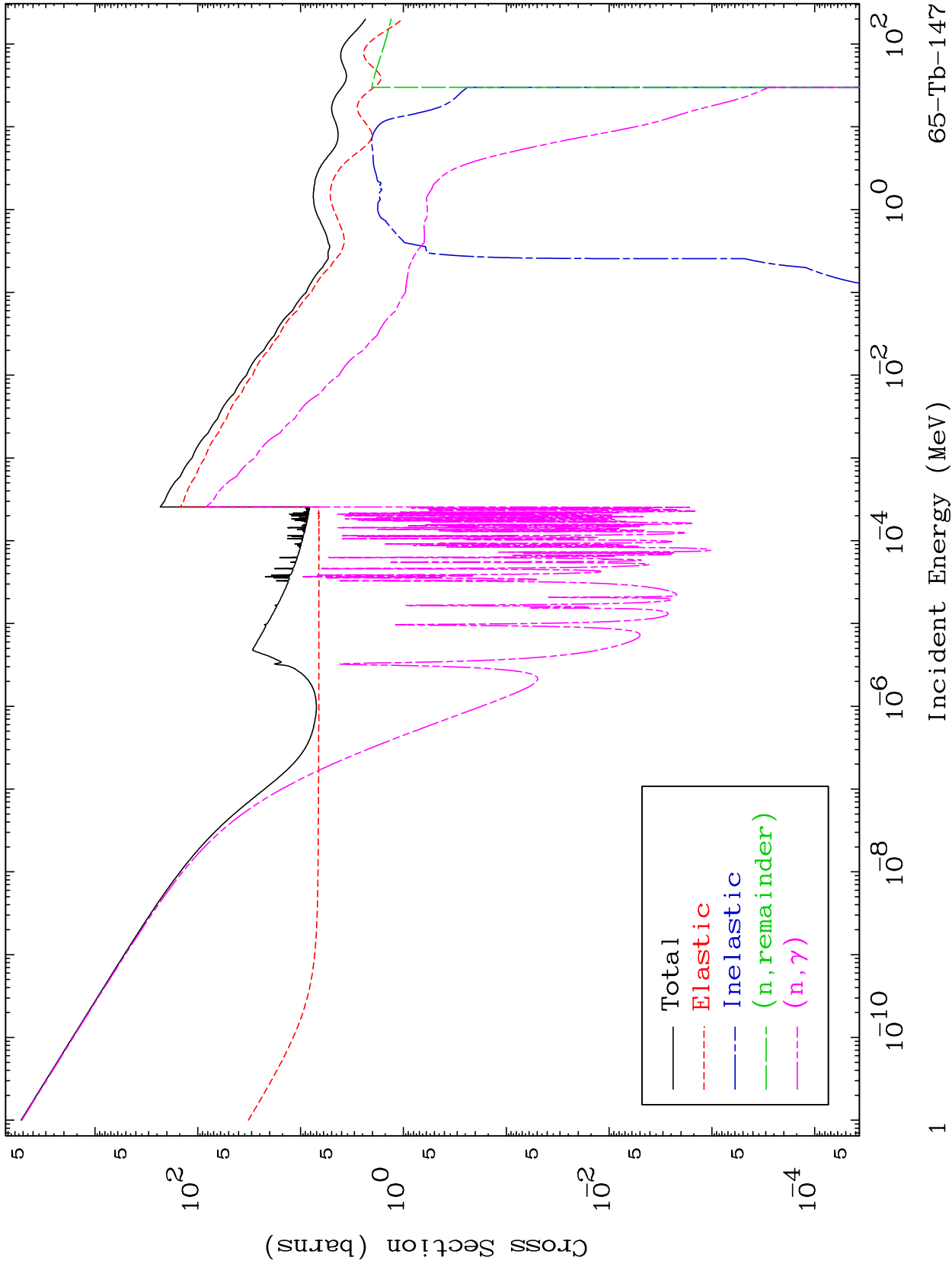
Press Mouse Button to Start

MAT 6489

Major

293 Kelvin Cross Sections

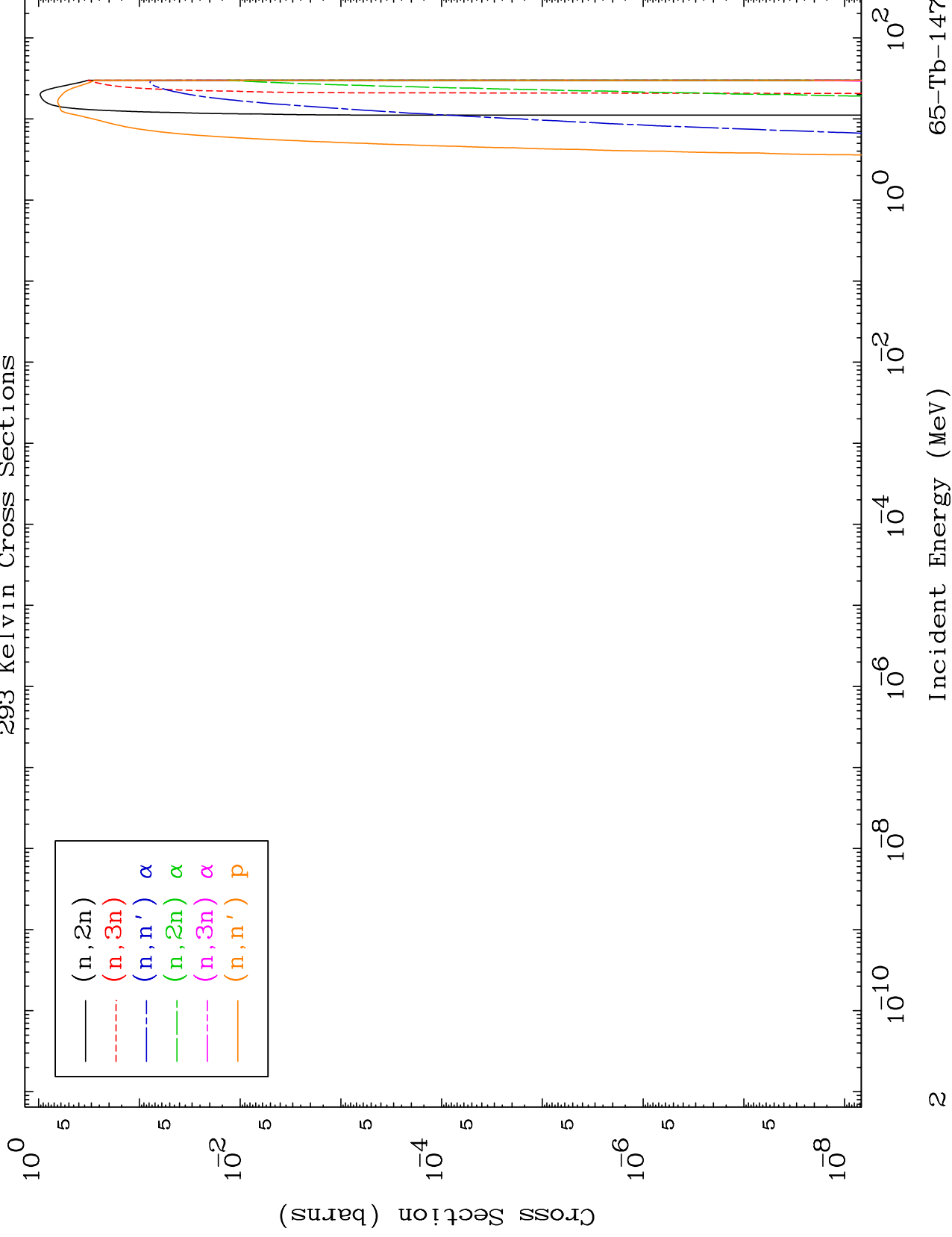
65-Tb-147



MAT 6489

Neutron Production  
293 Kelvin Cross Sections

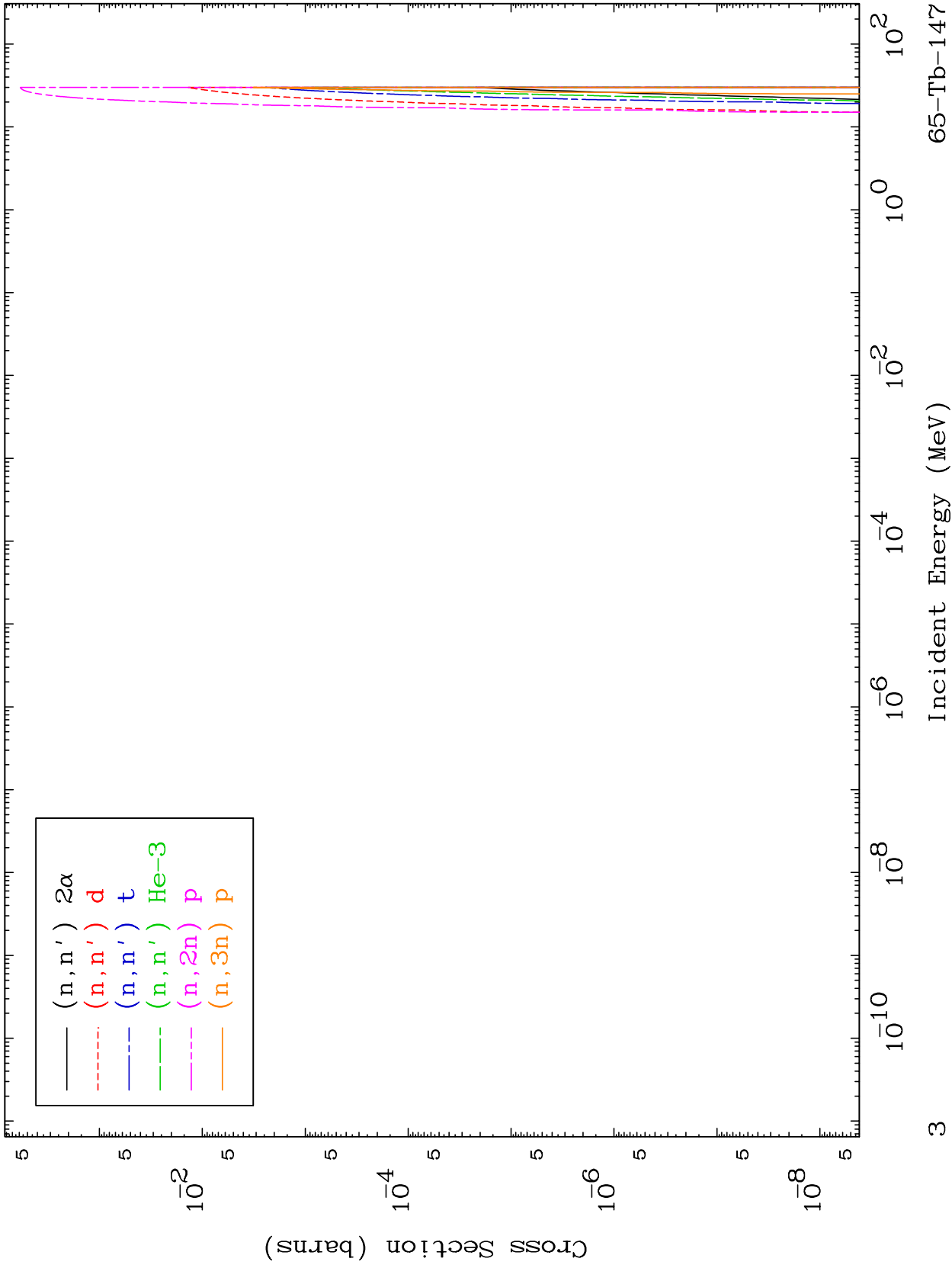
65-Tb-147



MAT 6489

Neutron Production  
293 Kelvin Cross Sections

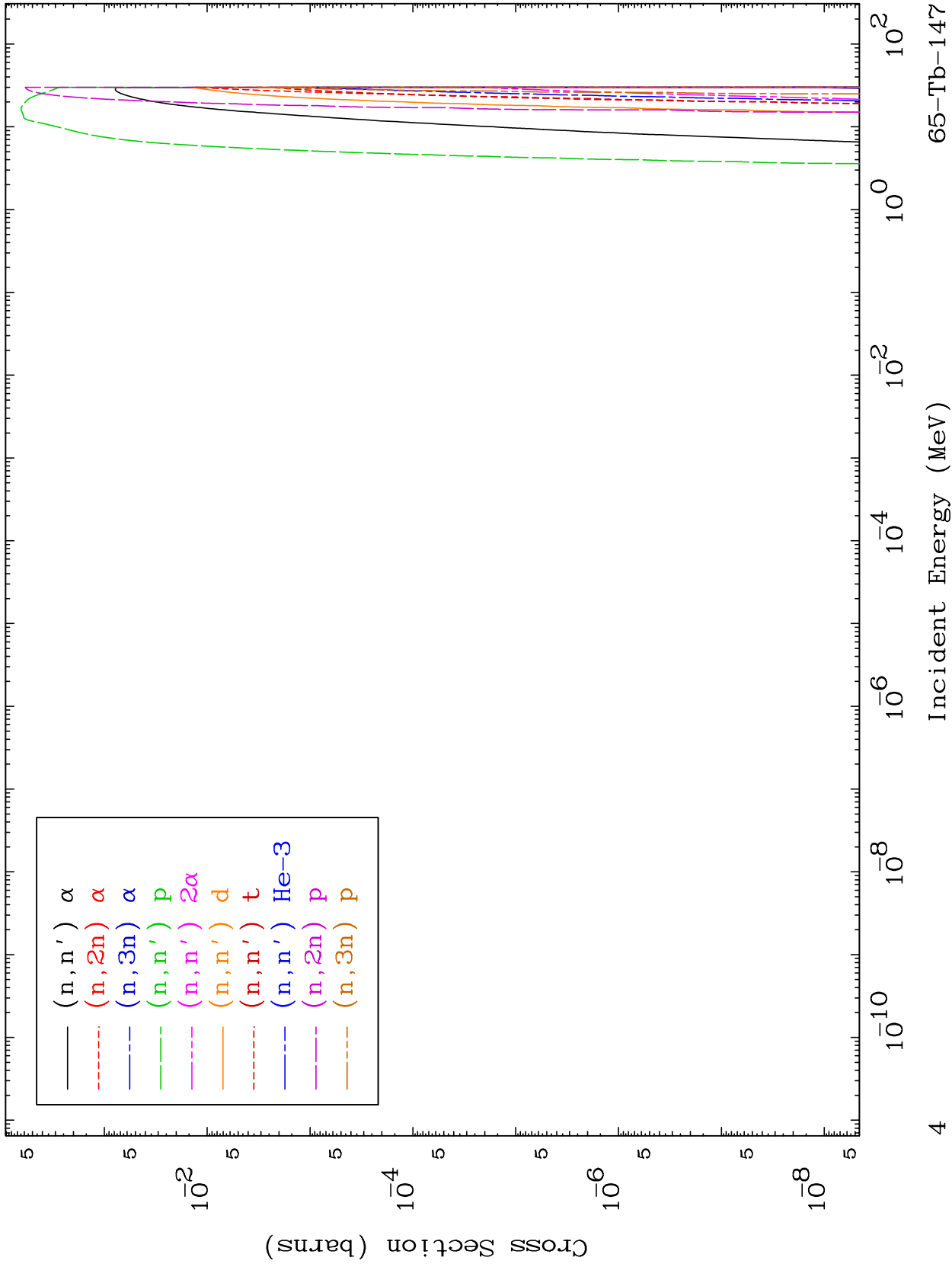
65-Tb-147



MAT 6489

Charged Particle  
293 Kelvin Cross Sections

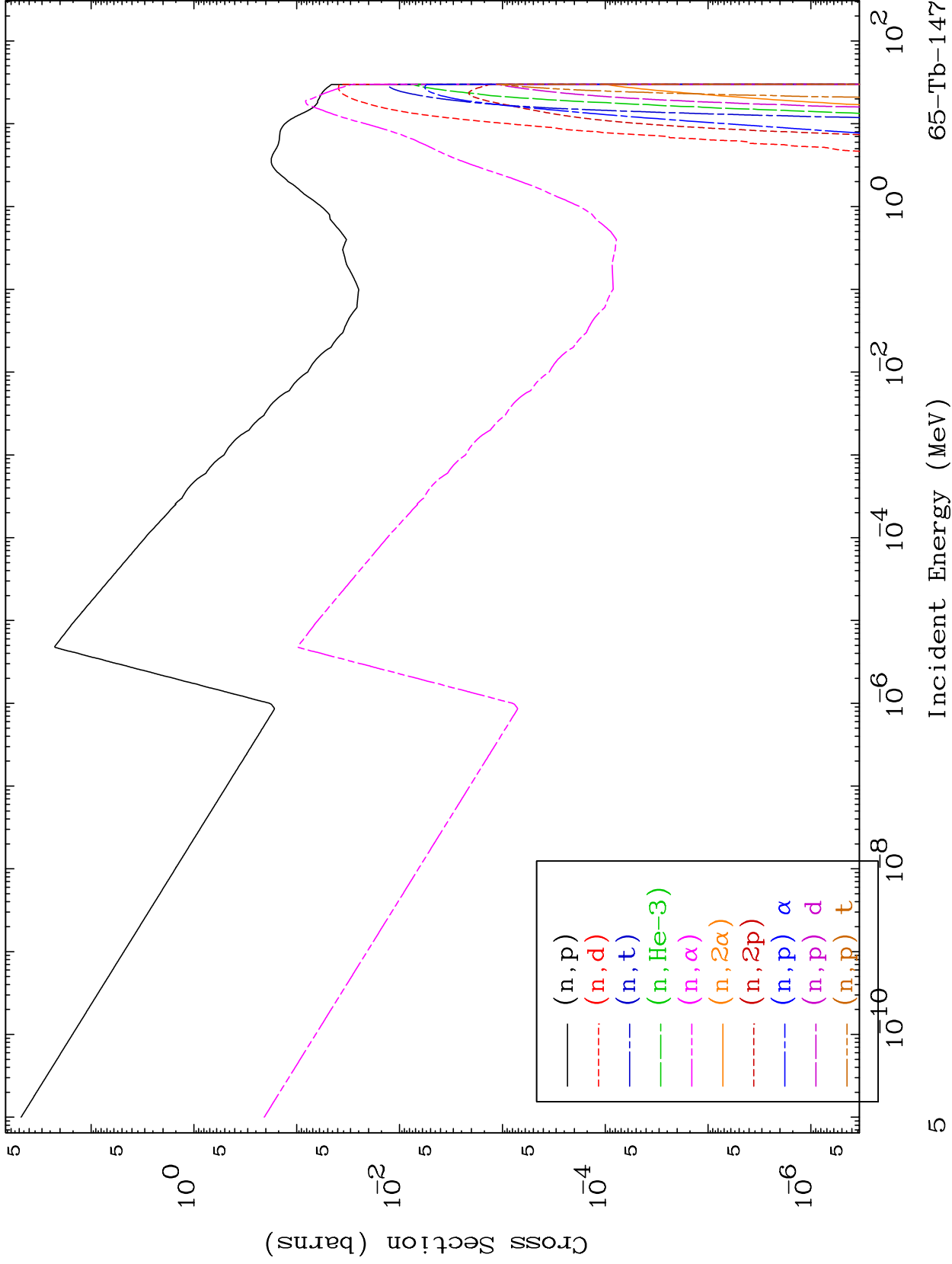
65-Tb-147



MAT 6489

Charged Particle  
293 Kelvin Cross Sections

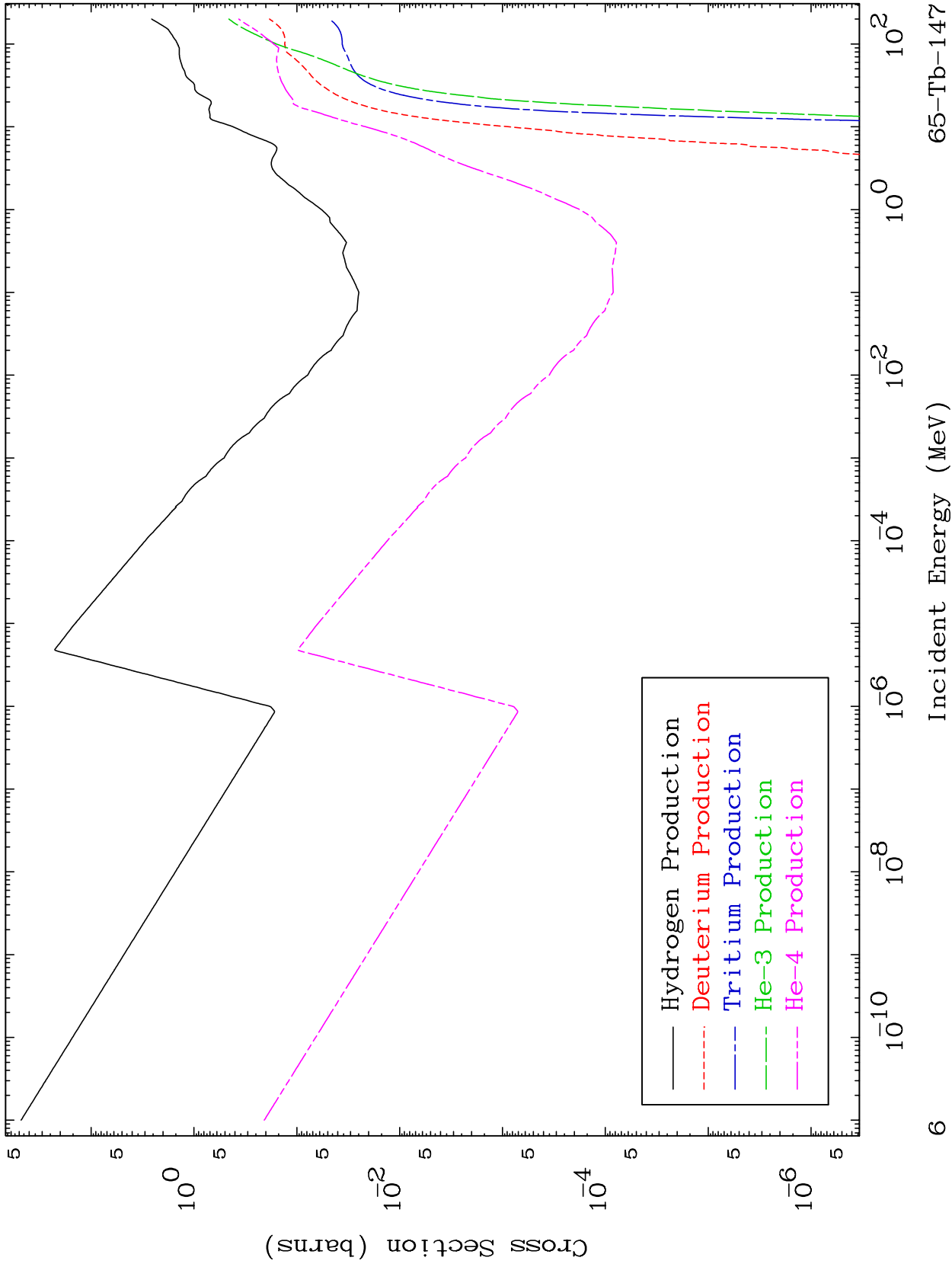
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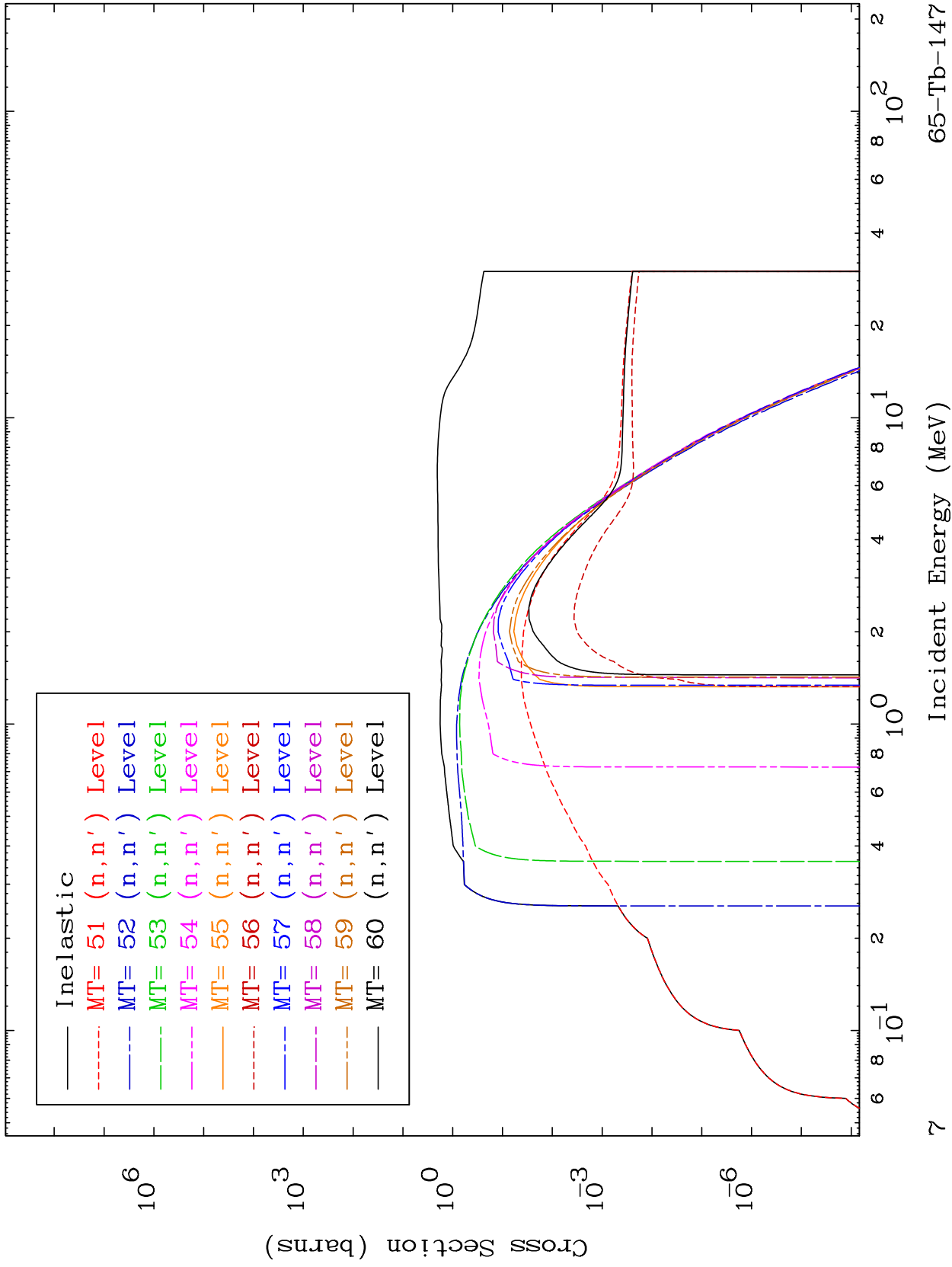


MAT 6489

Particle Production  
293 Kelvin Cross Sections

65-Tb-147





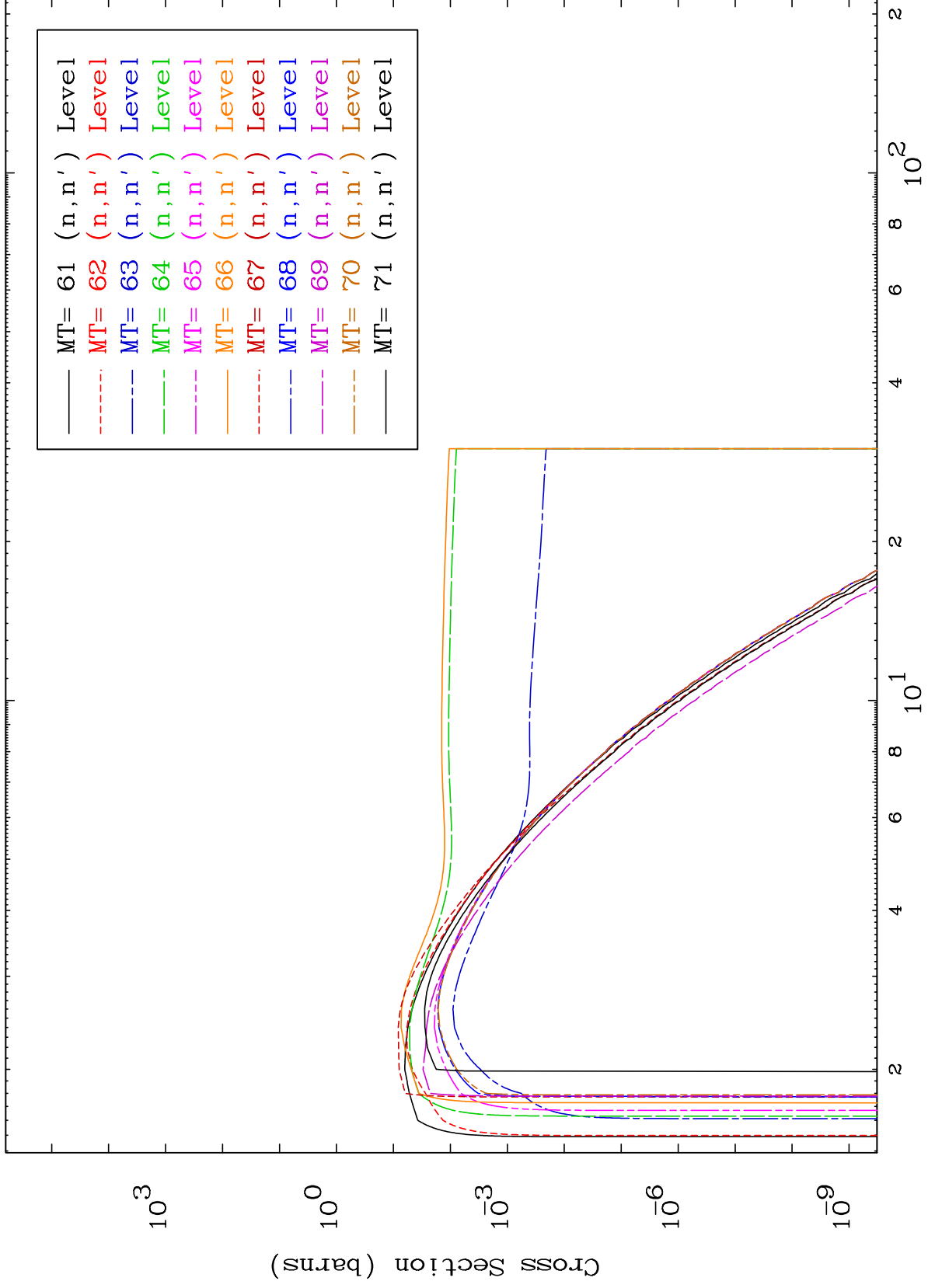


MAT 6489

(n,n') Level

65-Tb-147

293 Kelvin Cross Sections



8

Incident Energy (MeV)

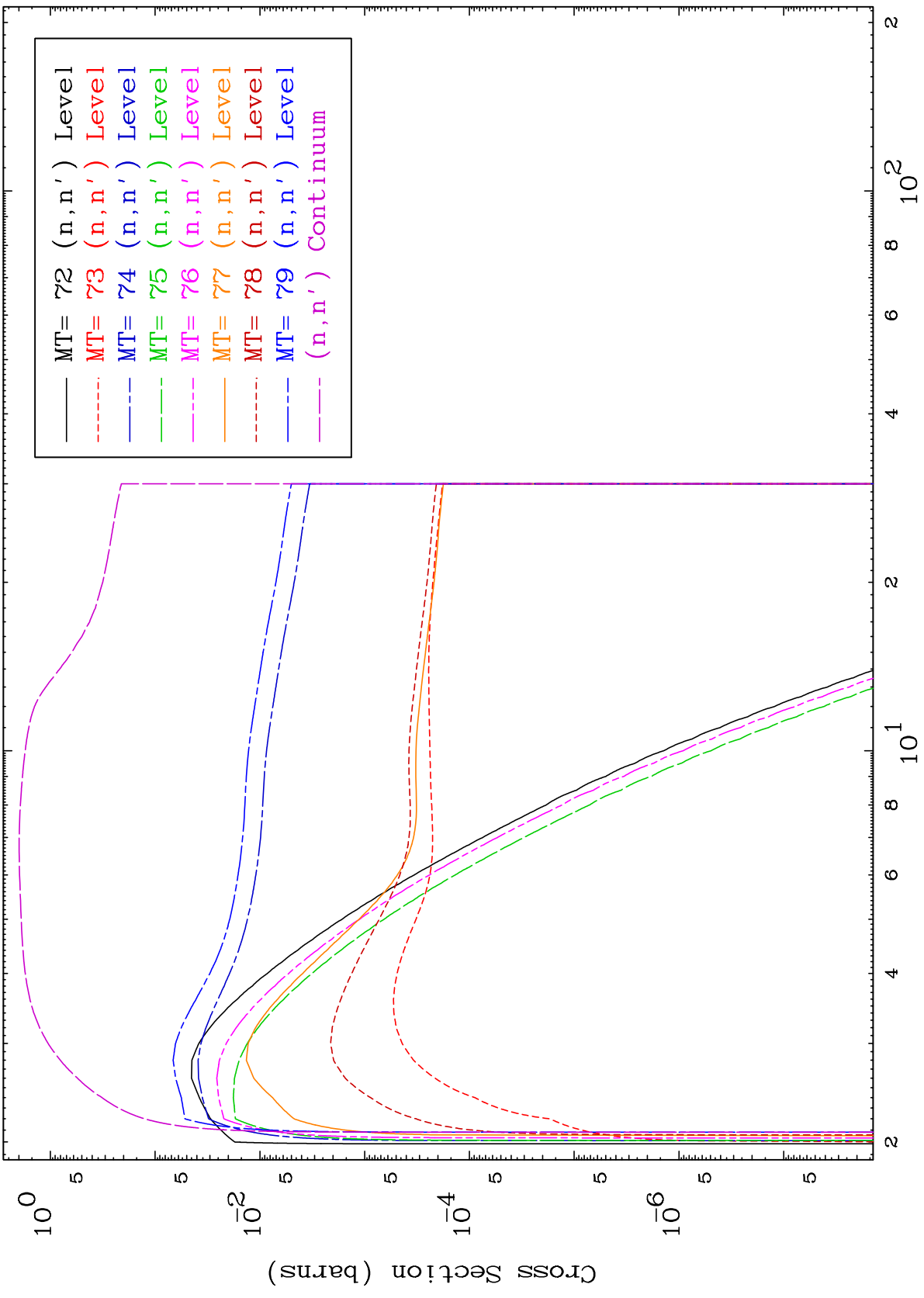
65-Tb-147

MAT 6489

(n,n') Level

293 Kelvin Cross Sections

65-Tb-147



9

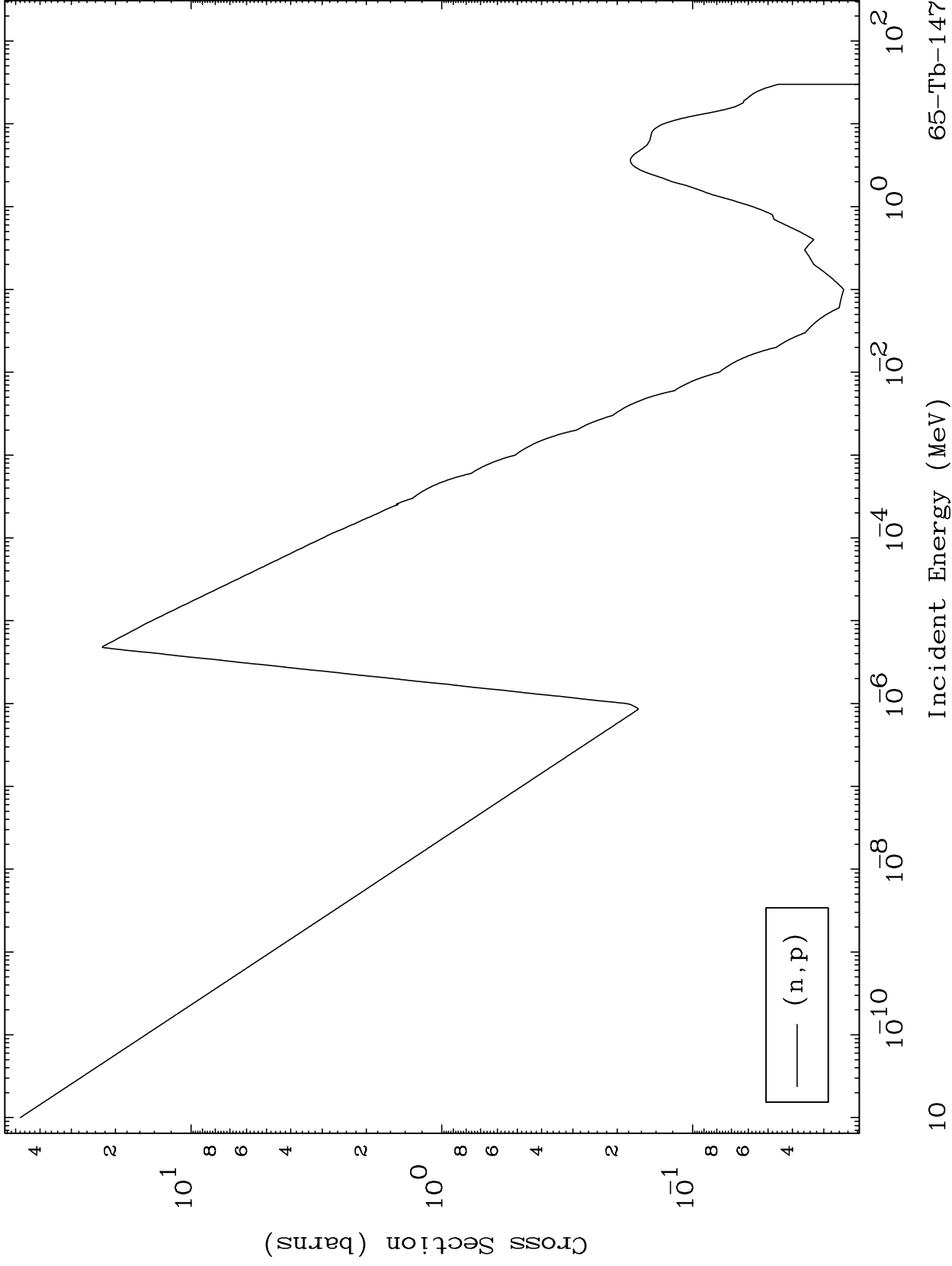
Incident Energy (MeV)

65-Tb-147

MAT 6489

(n,p) Levels  
293 Kelvin Cross Sections

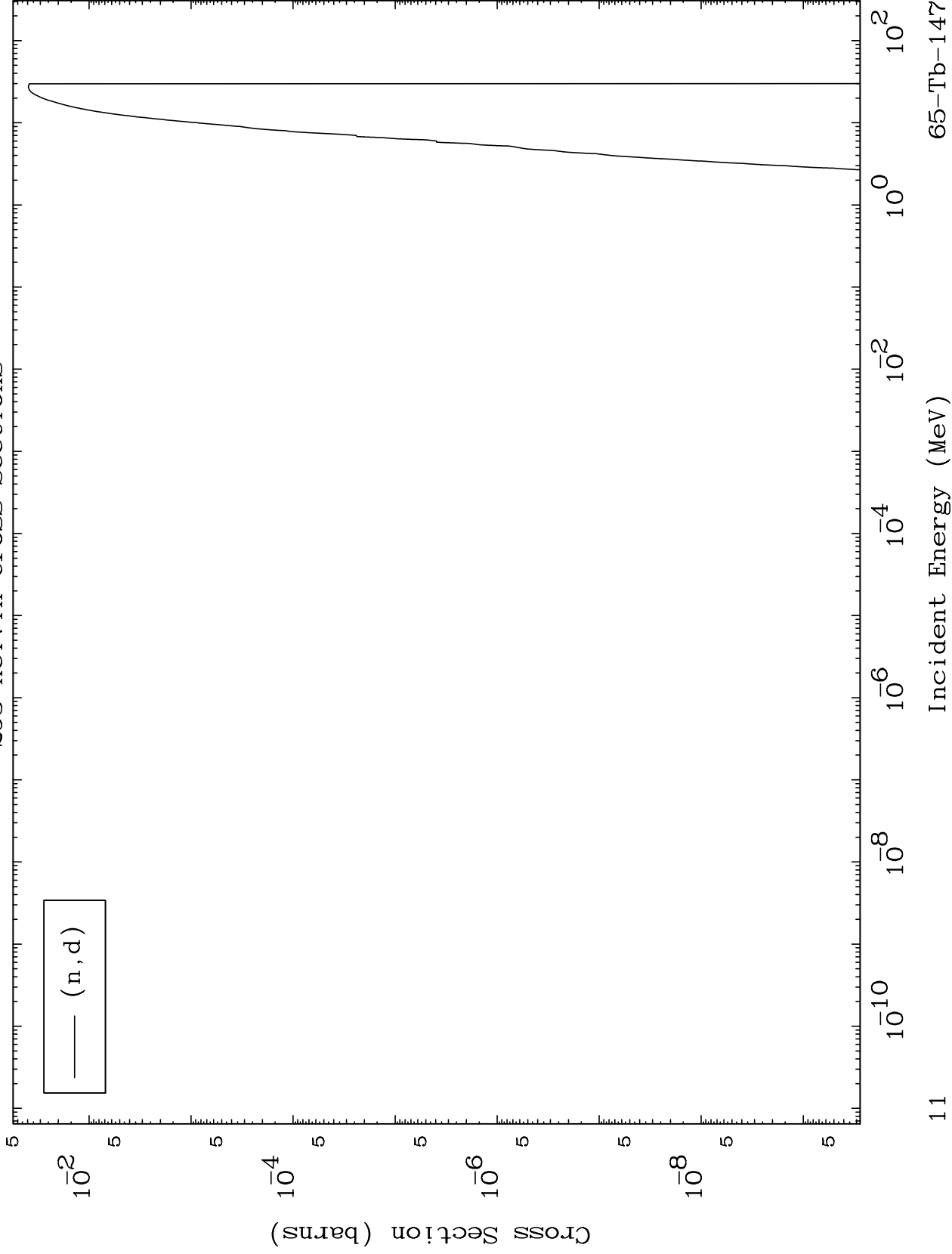
65-Tb-147



MAT 6489

(n,d) Levels  
293 Kelvin Cross Sections

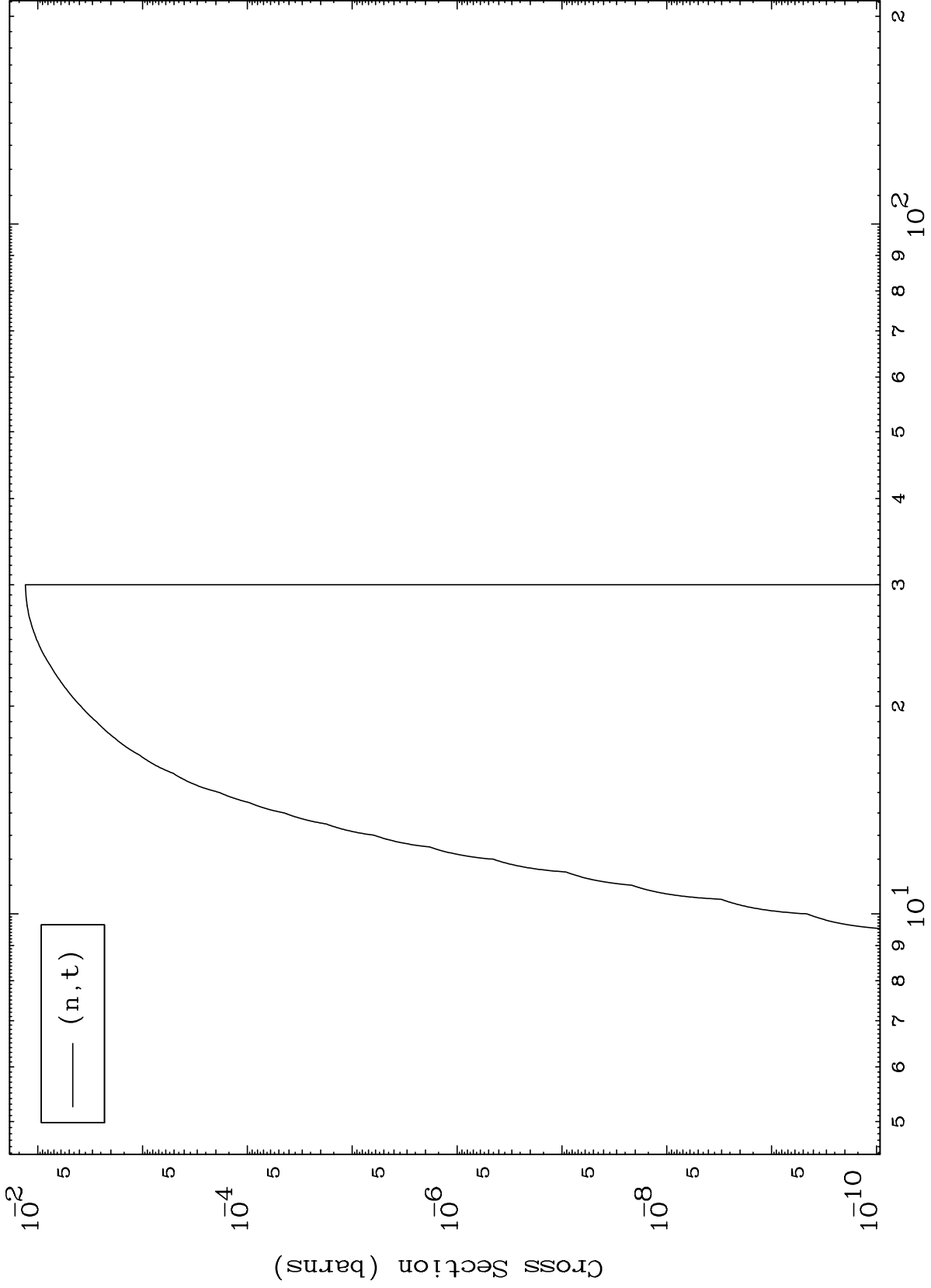
65-Tb-147



MAT 6489

(n,t) Levels  
293 Kelvin Cross Sections

65-Tb-147



12

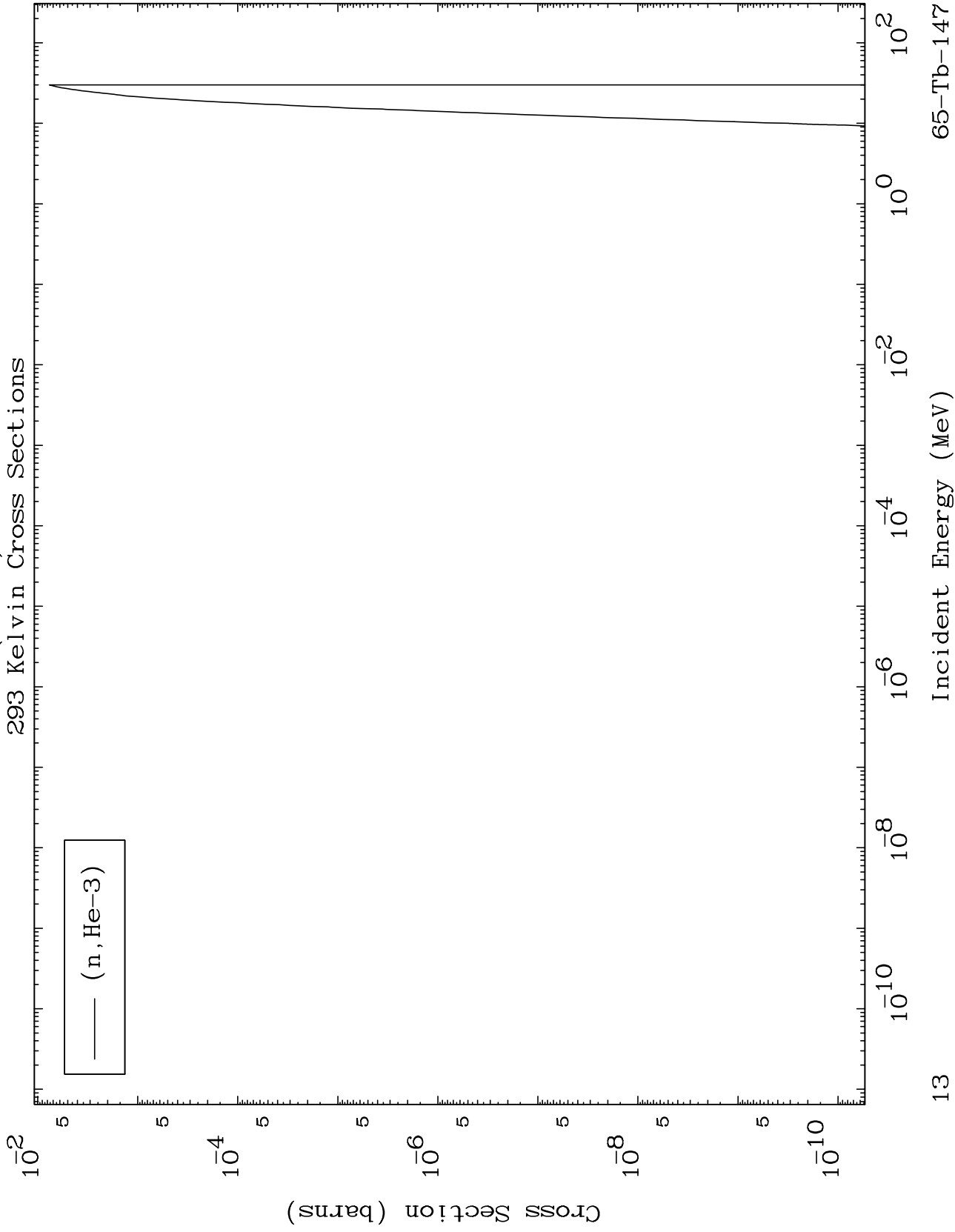
Incident Energy (MeV)

65-Tb-147

MAT 6489

(n,He3) Levels  
293 Kelvin Cross Sections

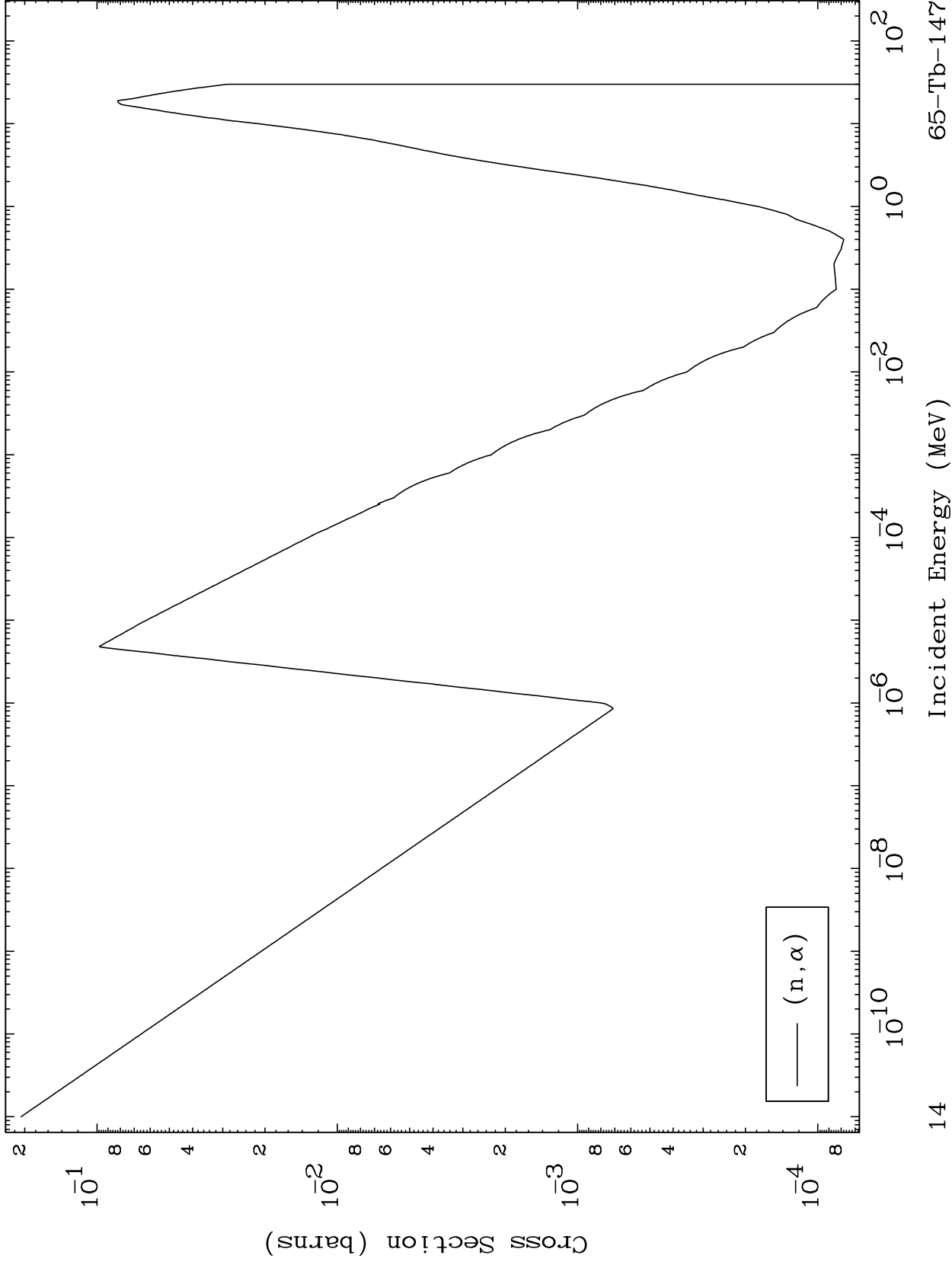
65-Tb-147



MAT 6489

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

65-Tb-147

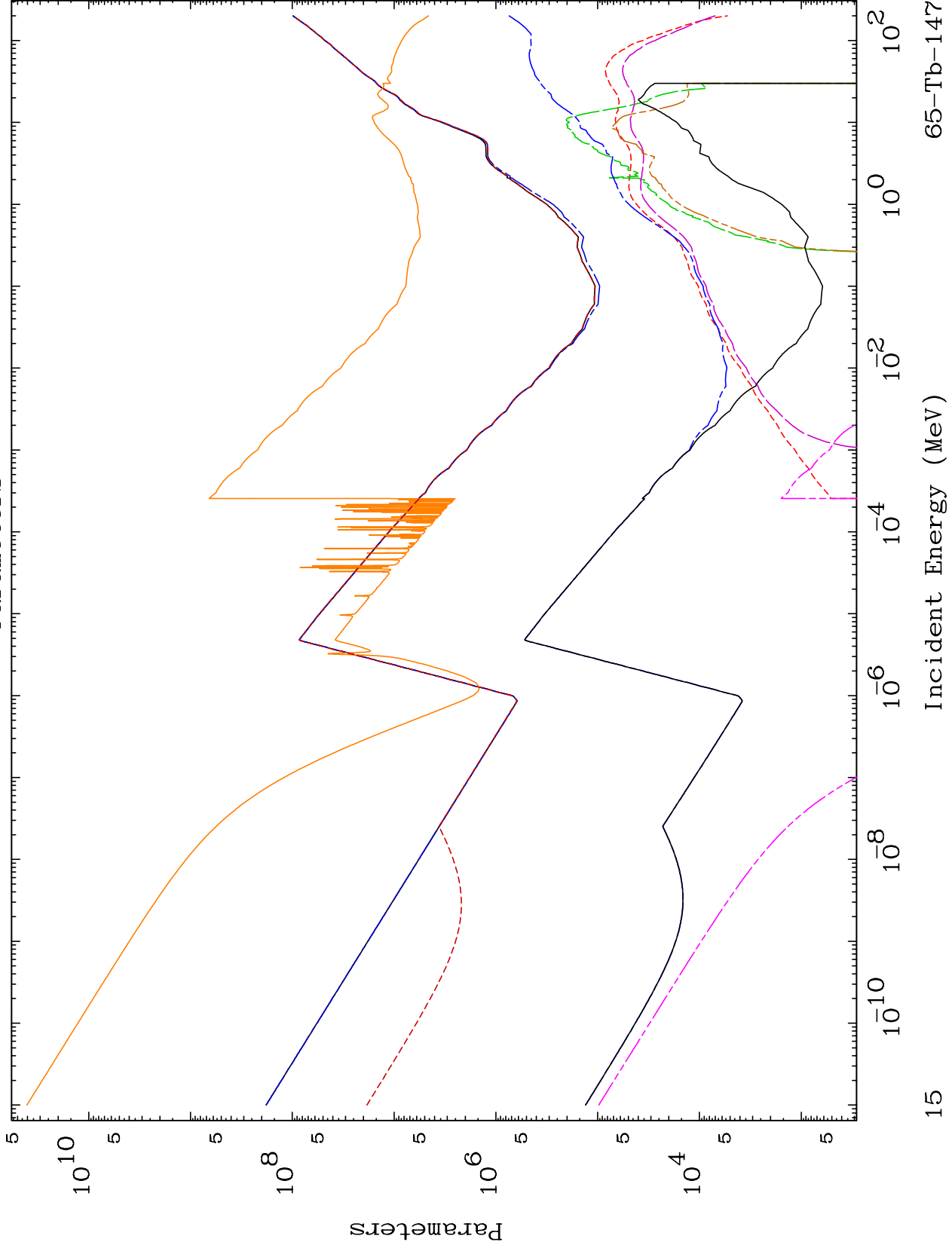


65-Tb-147

MAT 6489

Energy Release  
Parameters

65-Tb-147

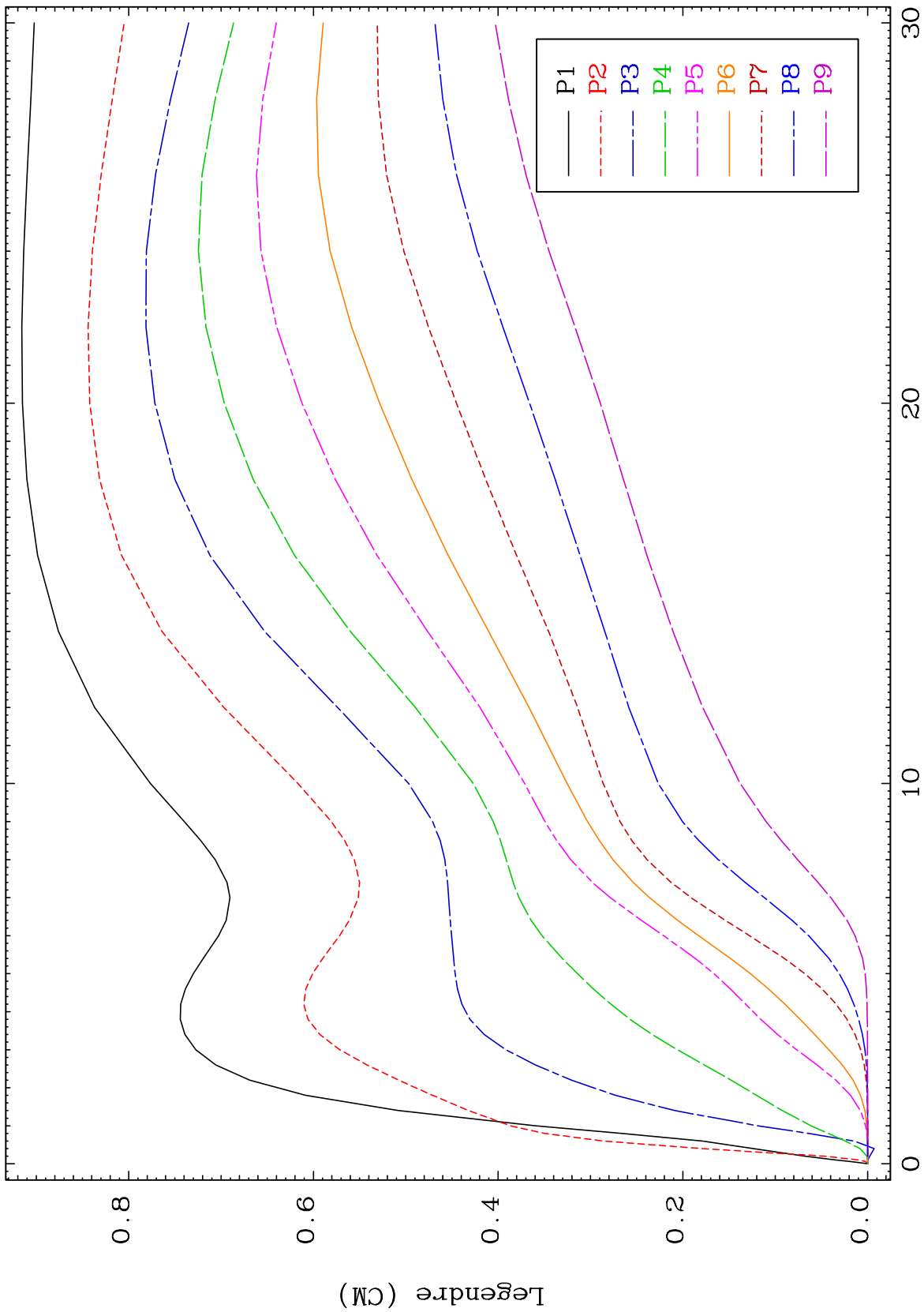




MAT 6489

Elastic Legendre Coefficients

65-Tb-147



16

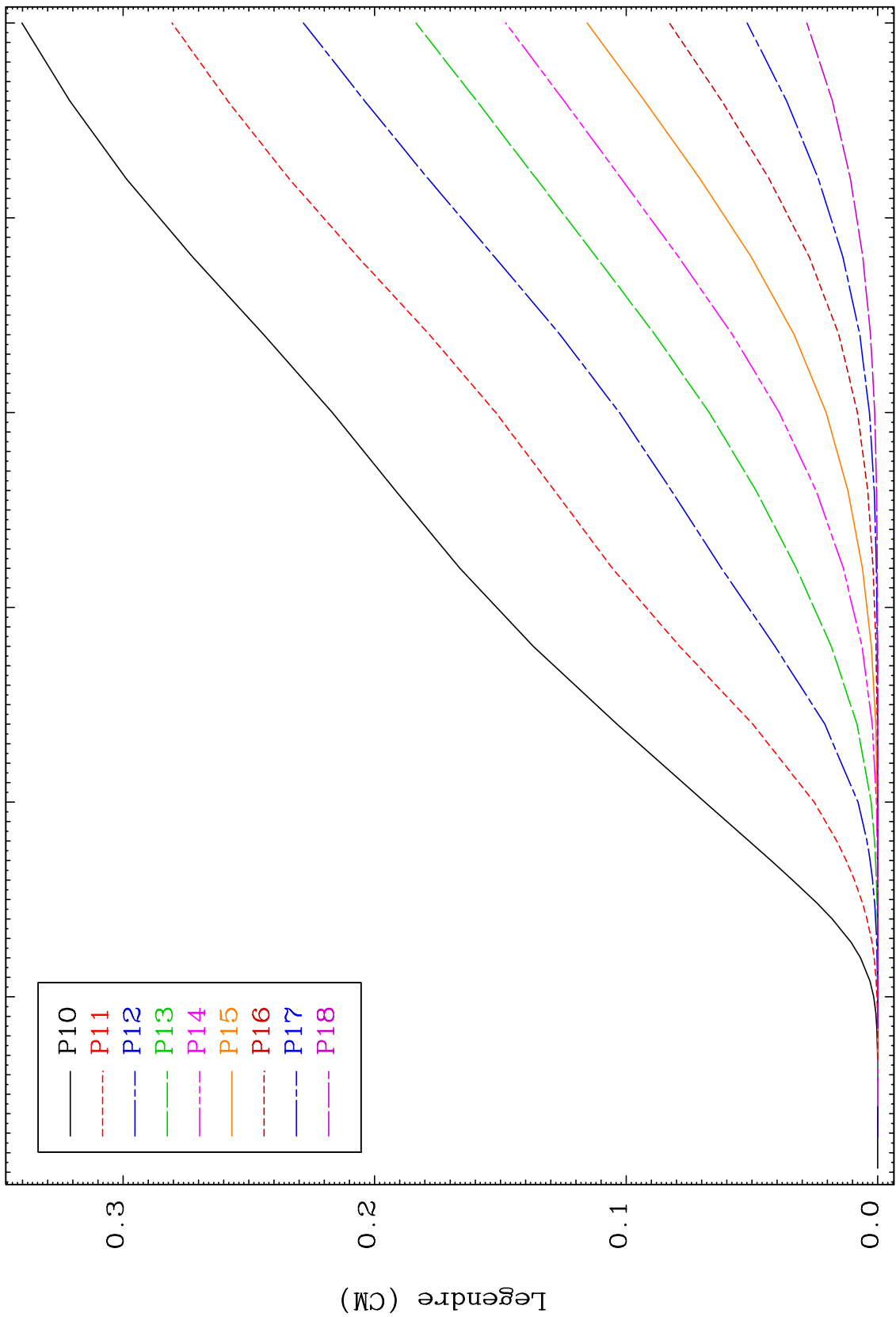
Incident Energy (MeV)

65-Tb-147

MAT 6489

Elastic Legendre Coefficients

65-Tb-147



17

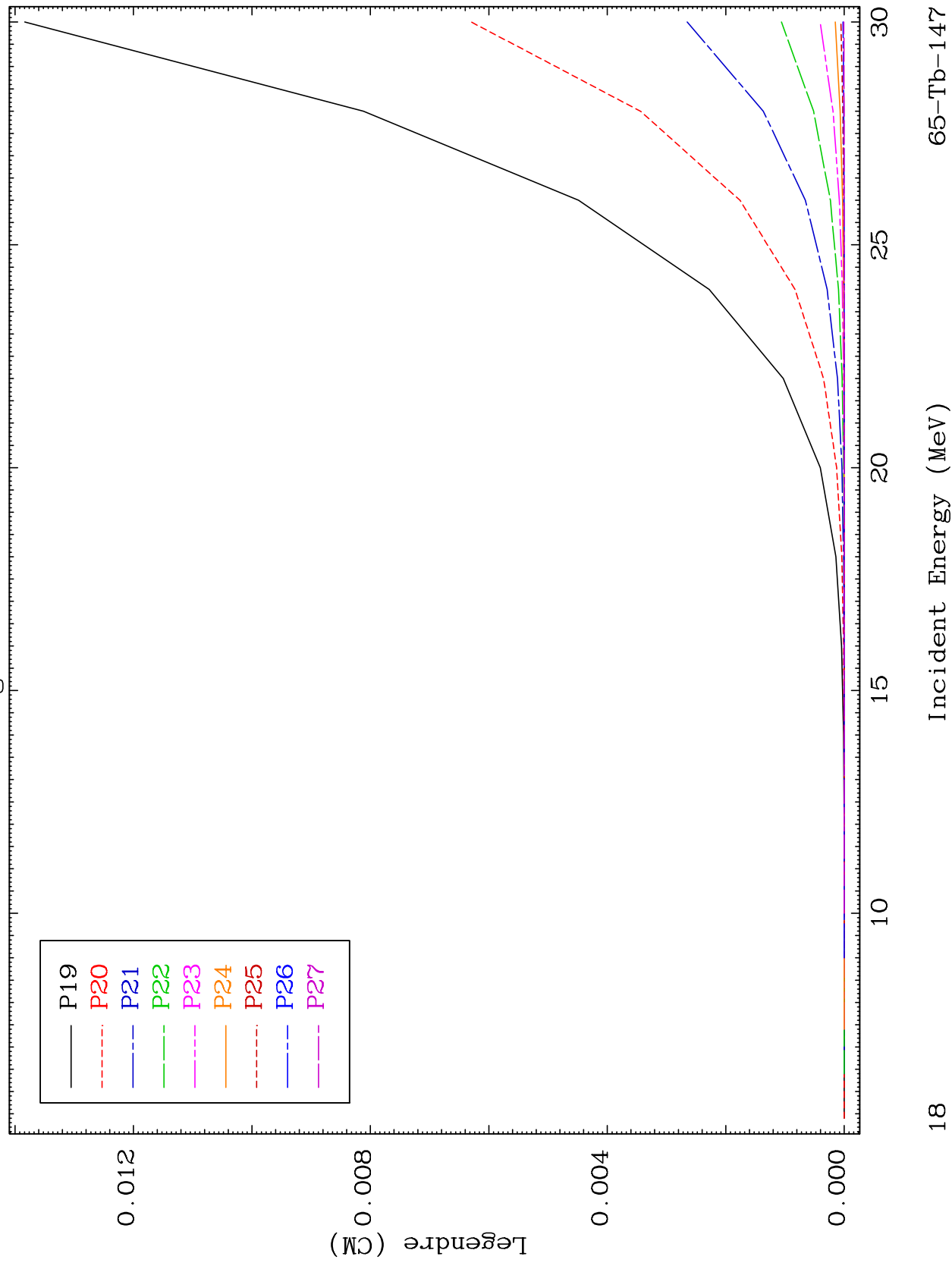
Incident Energy (MeV)

65-Tb-147

MAT 6489

### Elastic Legendre Coefficients

65-Tb-147



18

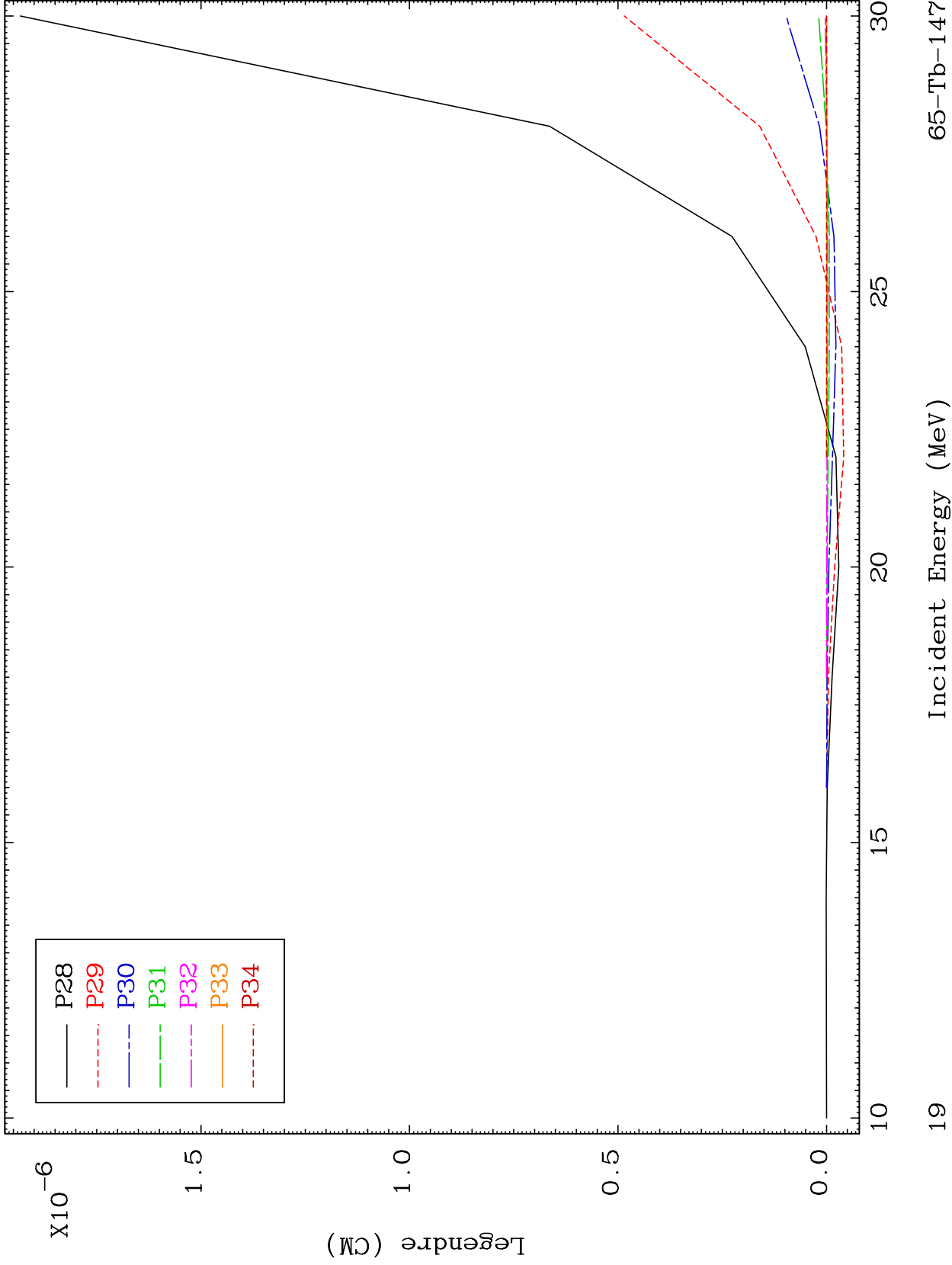
Incident Energy (MeV)

65-Tb-147

MAT 6489

Elastic Legendre Coefficients

65-Tb-147



65-Tb-147

Incident Energy (MeV)

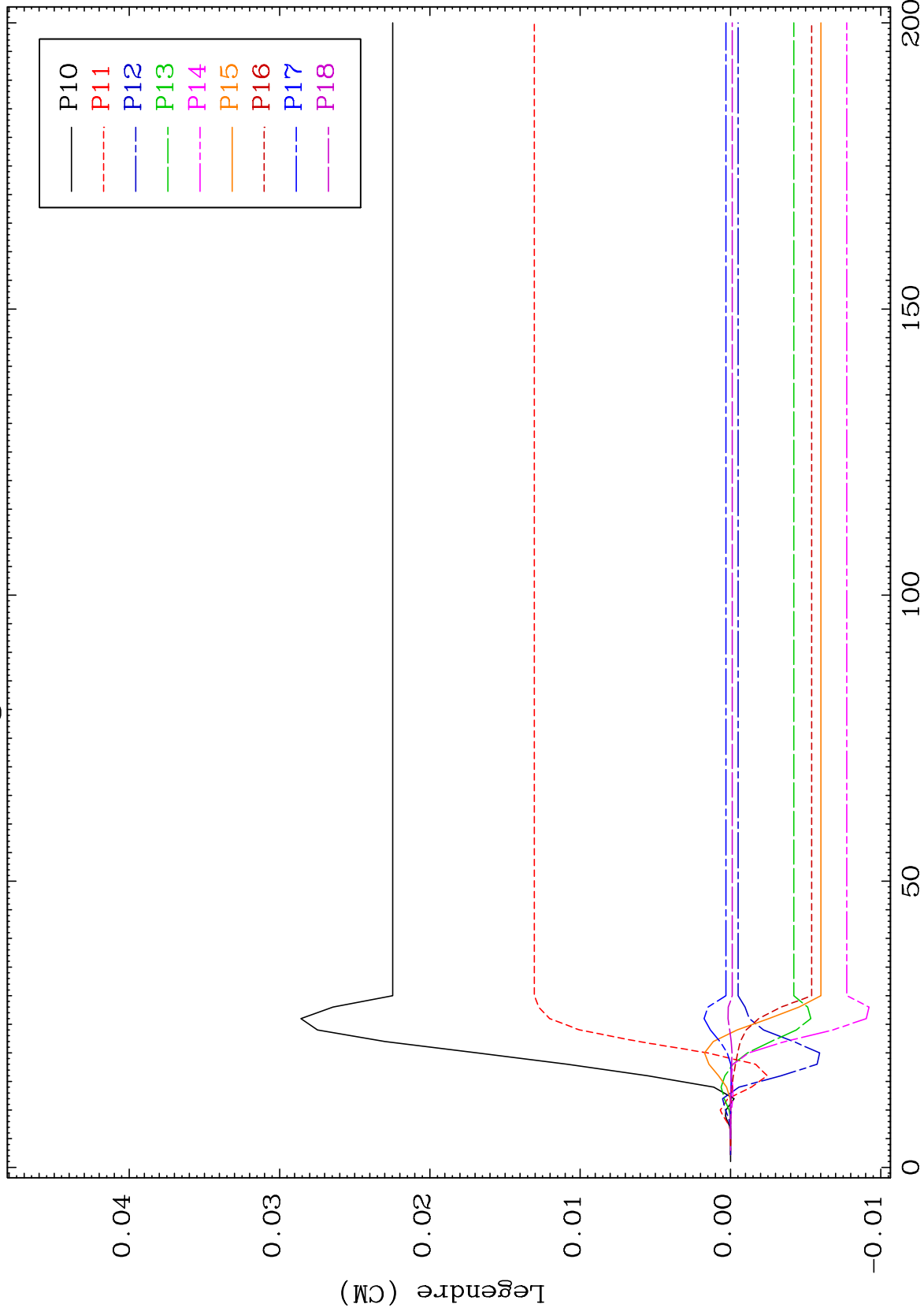
19



MAT 6489

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

65-Tb-147



21

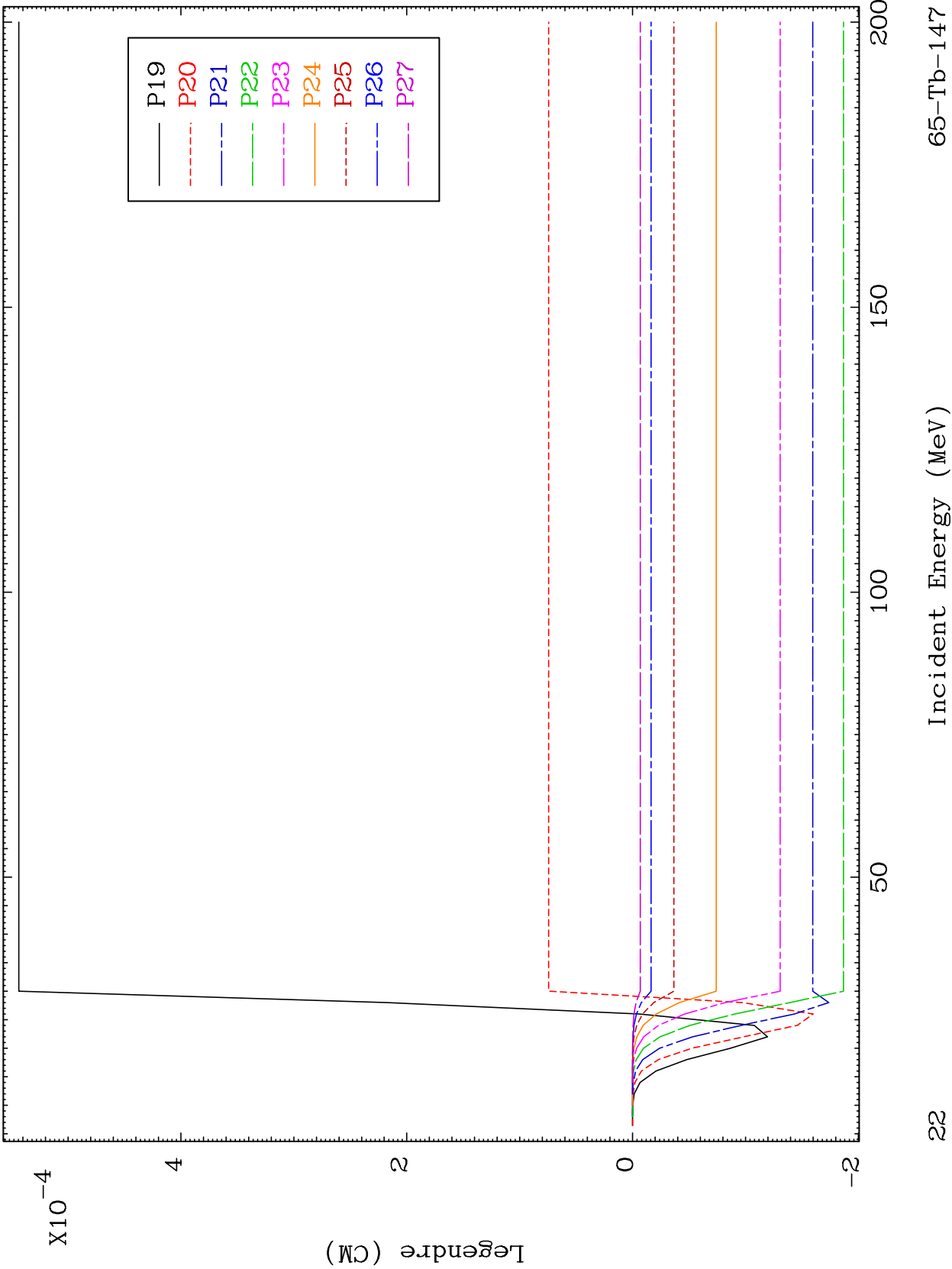
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

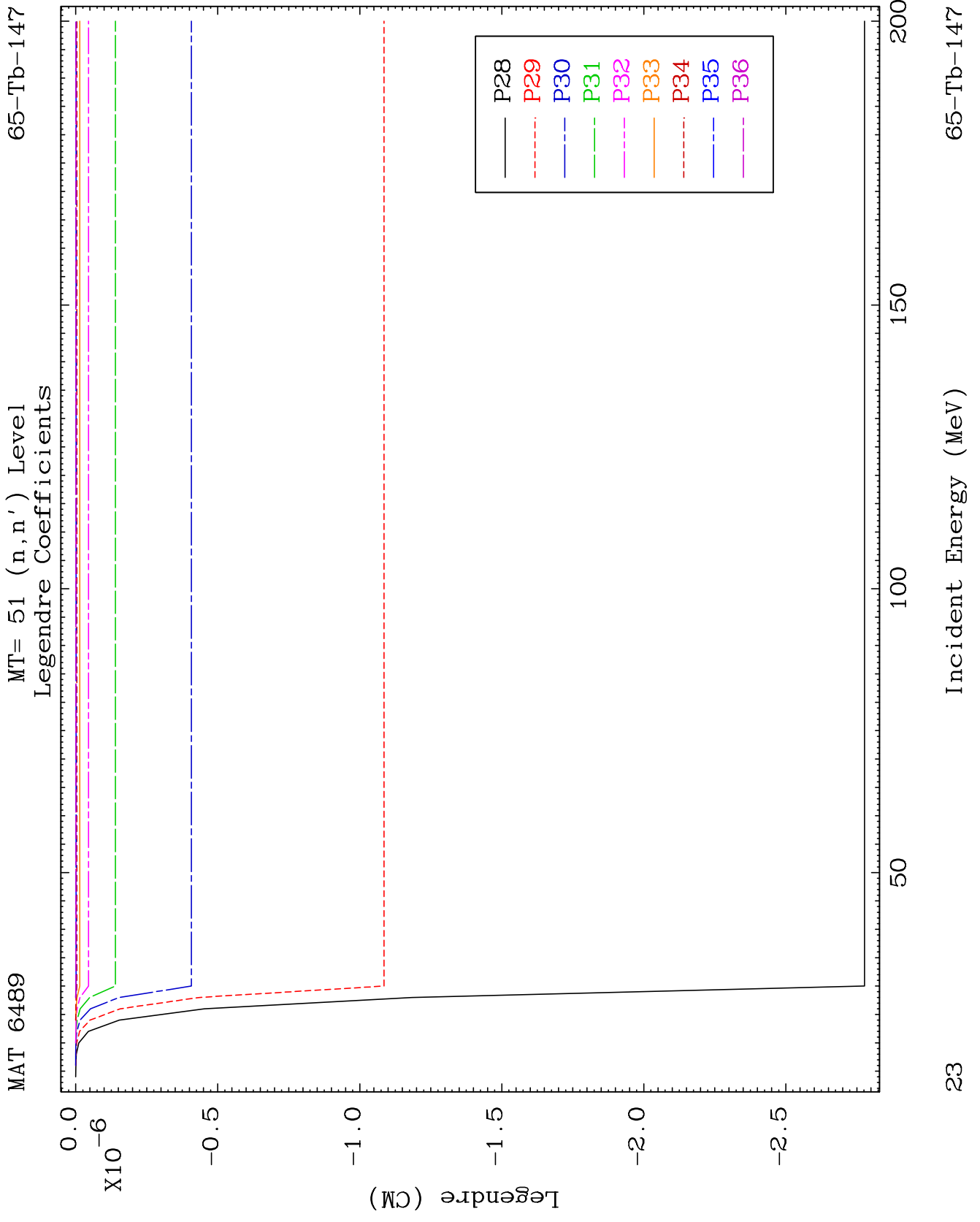
65-Tb-147



22

Incident Energy (MeV)

65-Tb-147

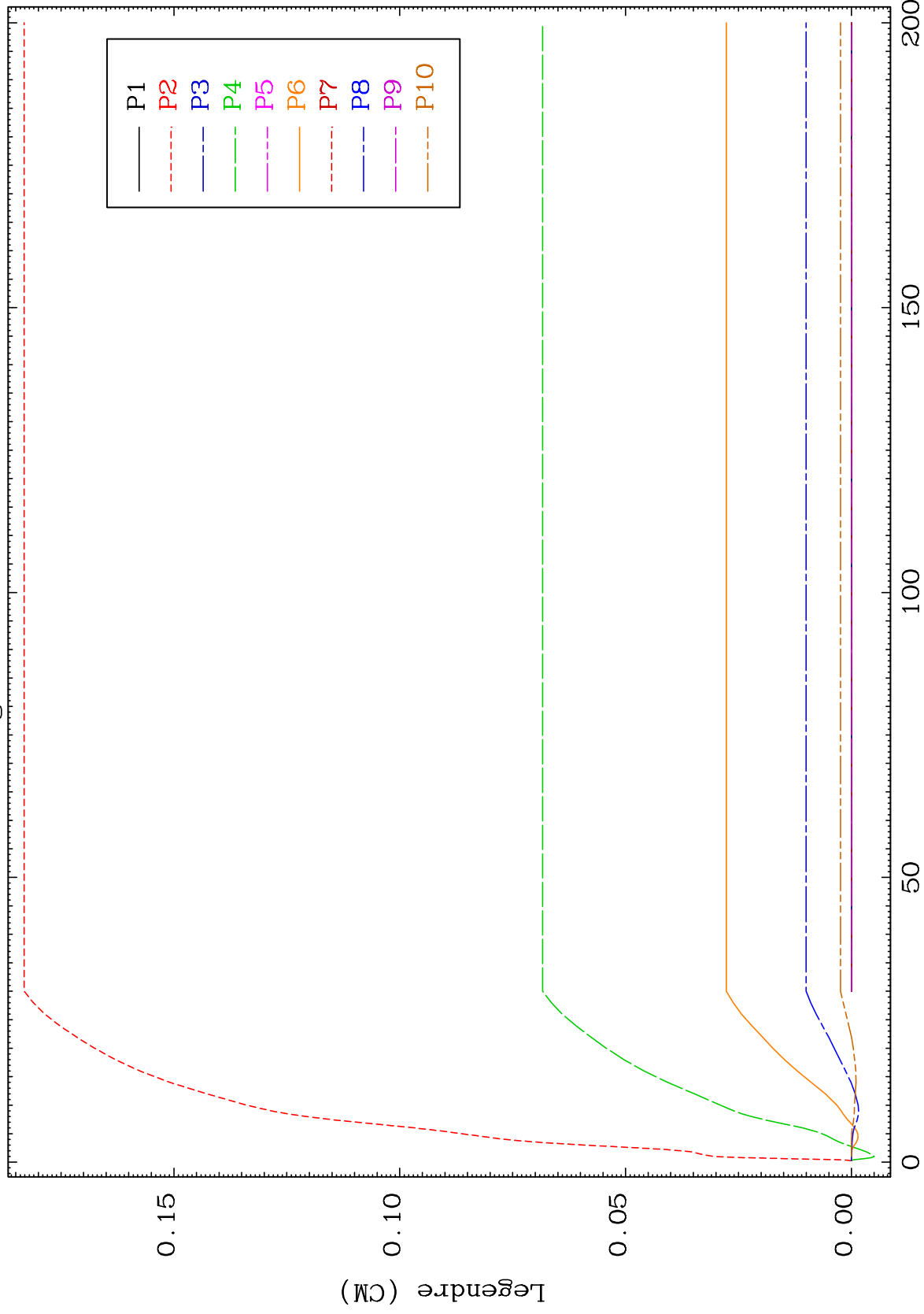




MAT 6489

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

65-Tb-147



24

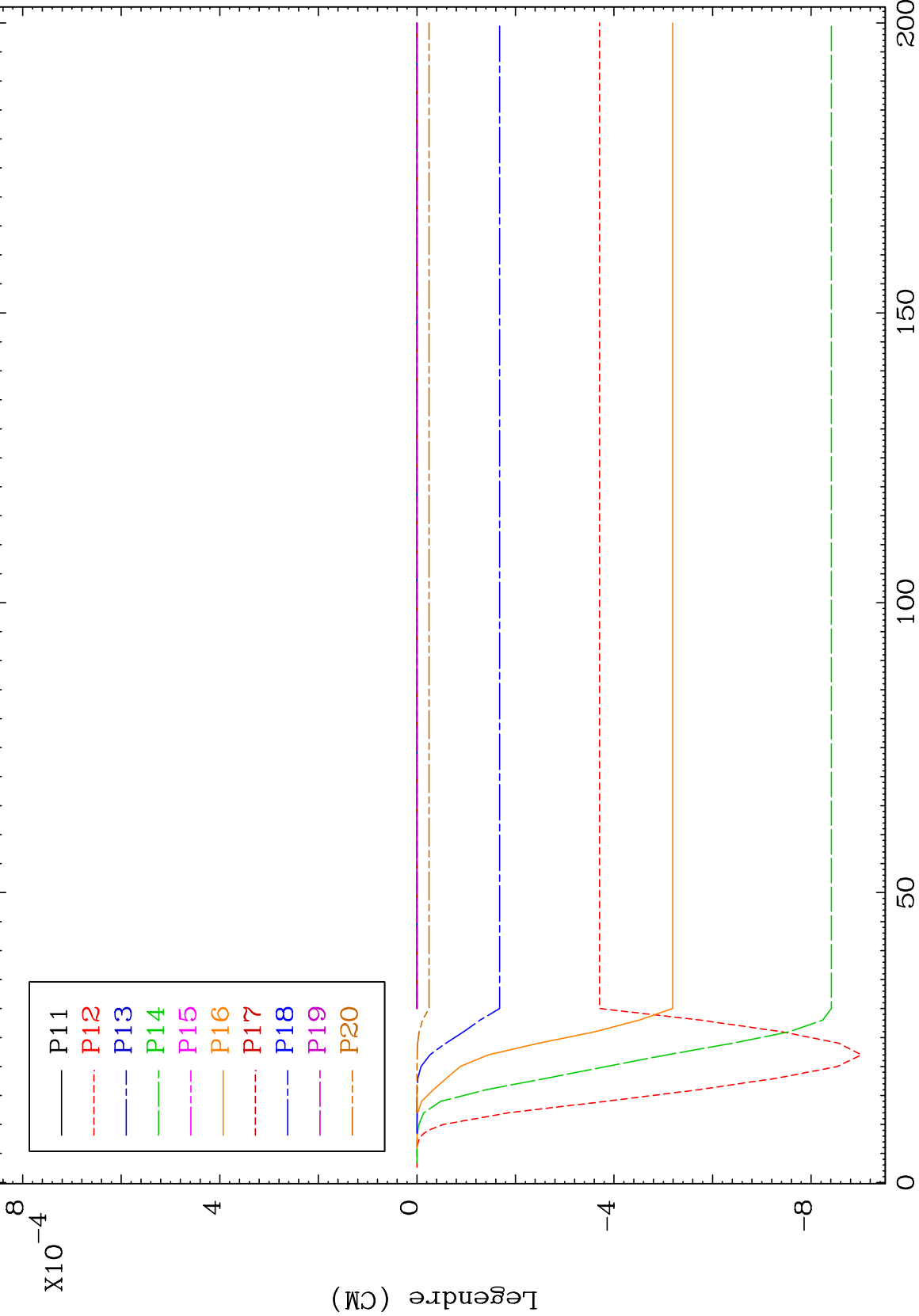
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



25

Incident Energy (MeV)

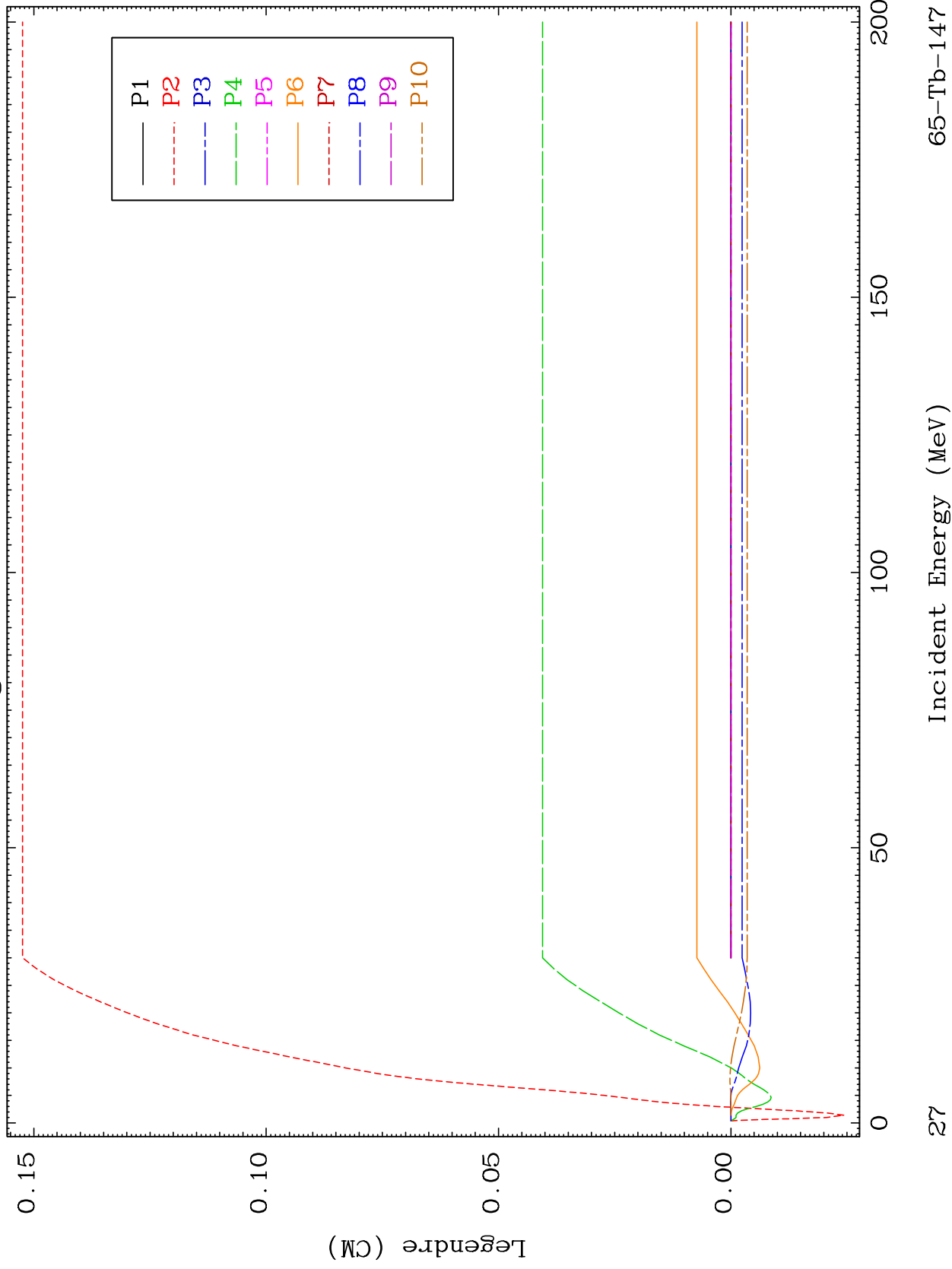
65-Tb-147



MAT 6489

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

65-Tb-147



65-Tb-147

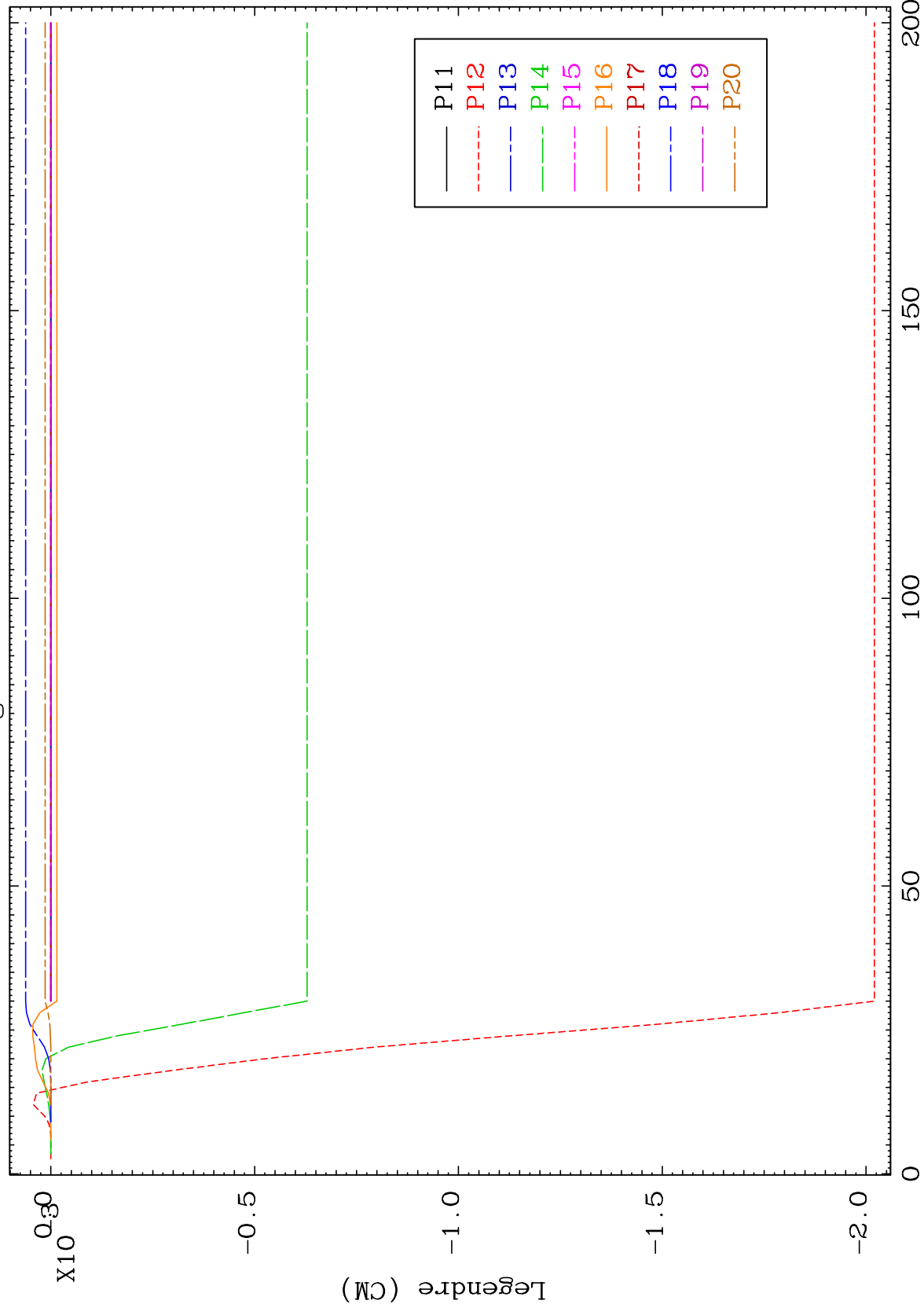
Incident Energy (MeV)

27

MAT 6489

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

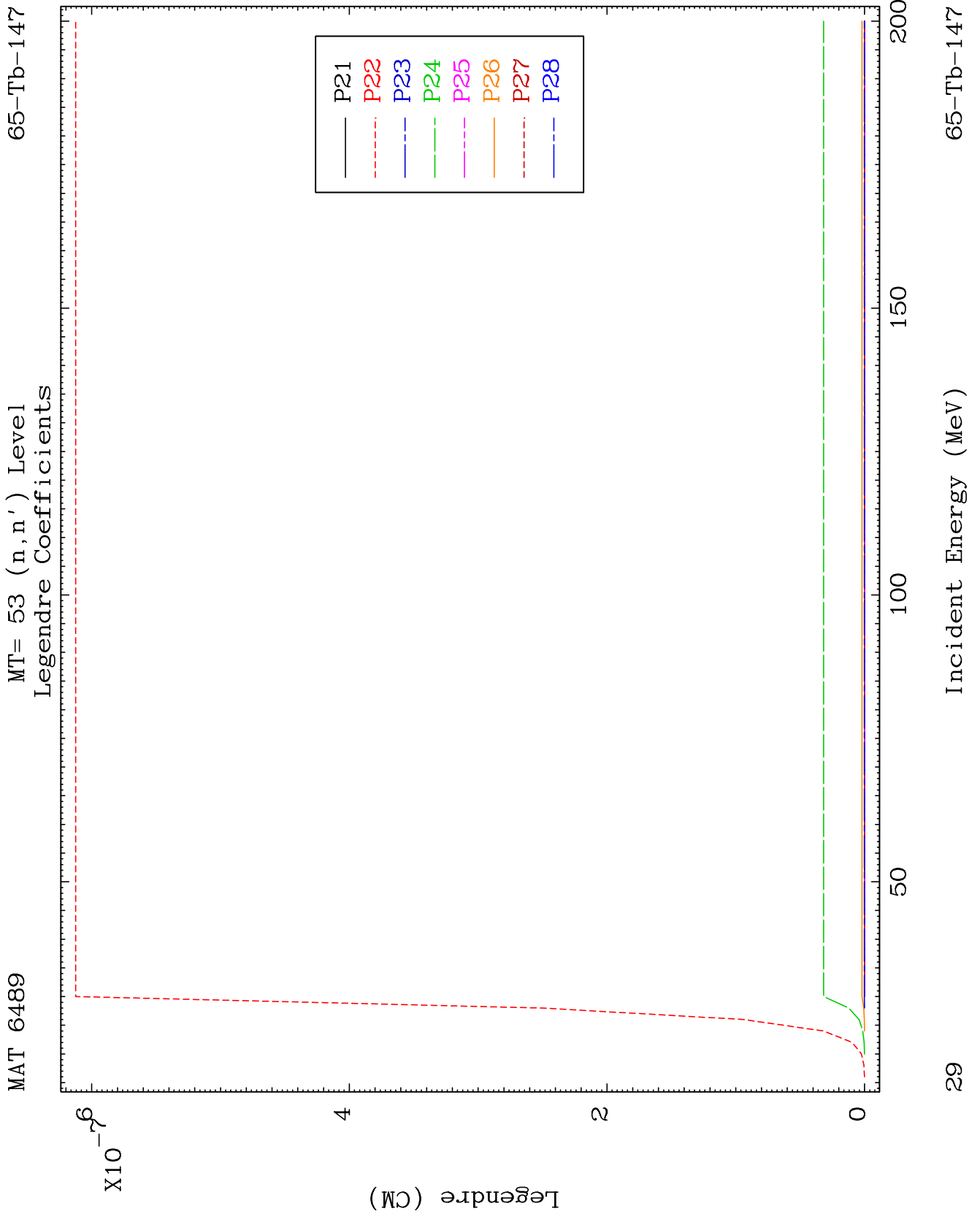
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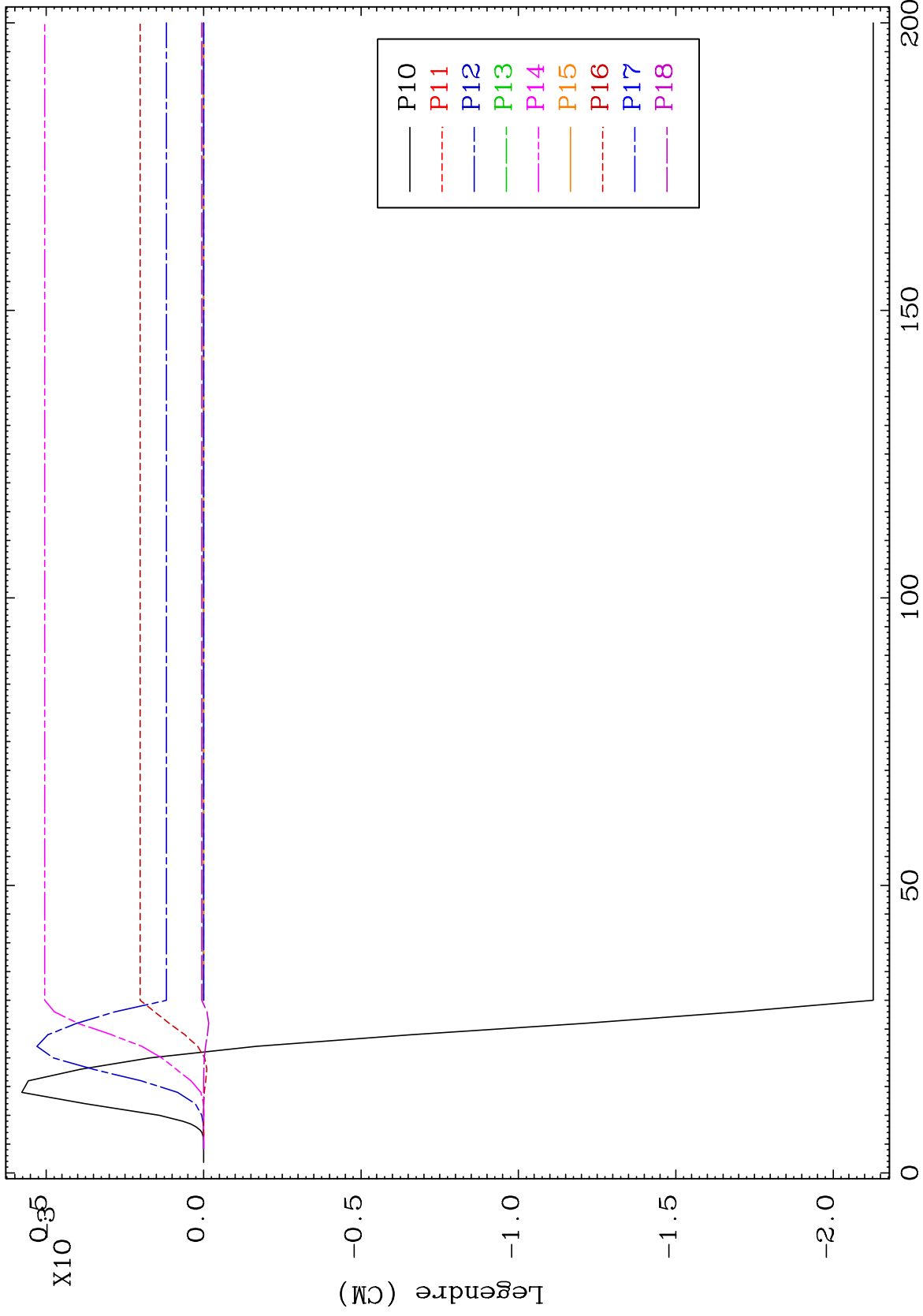
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Incident Energy (MeV)

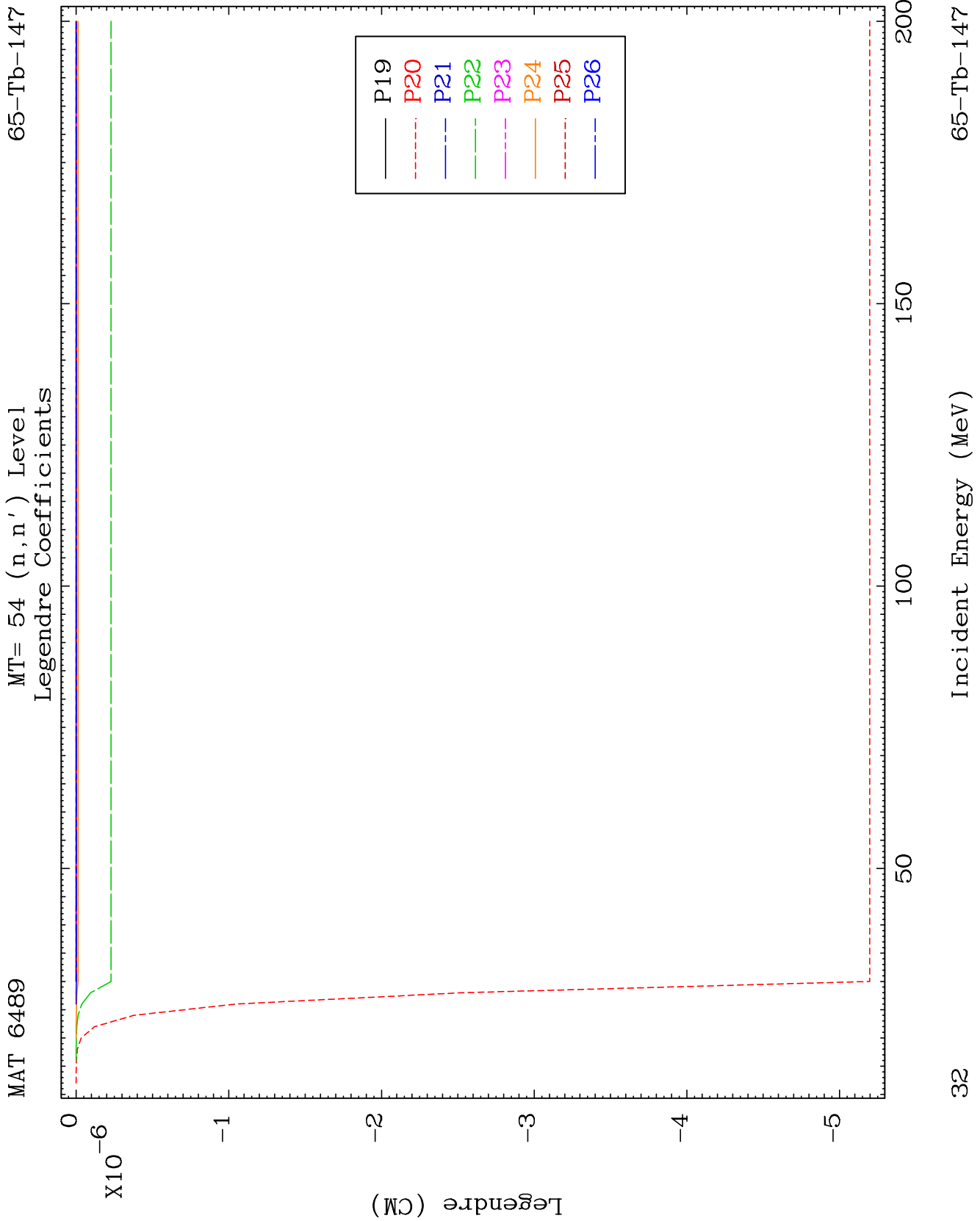
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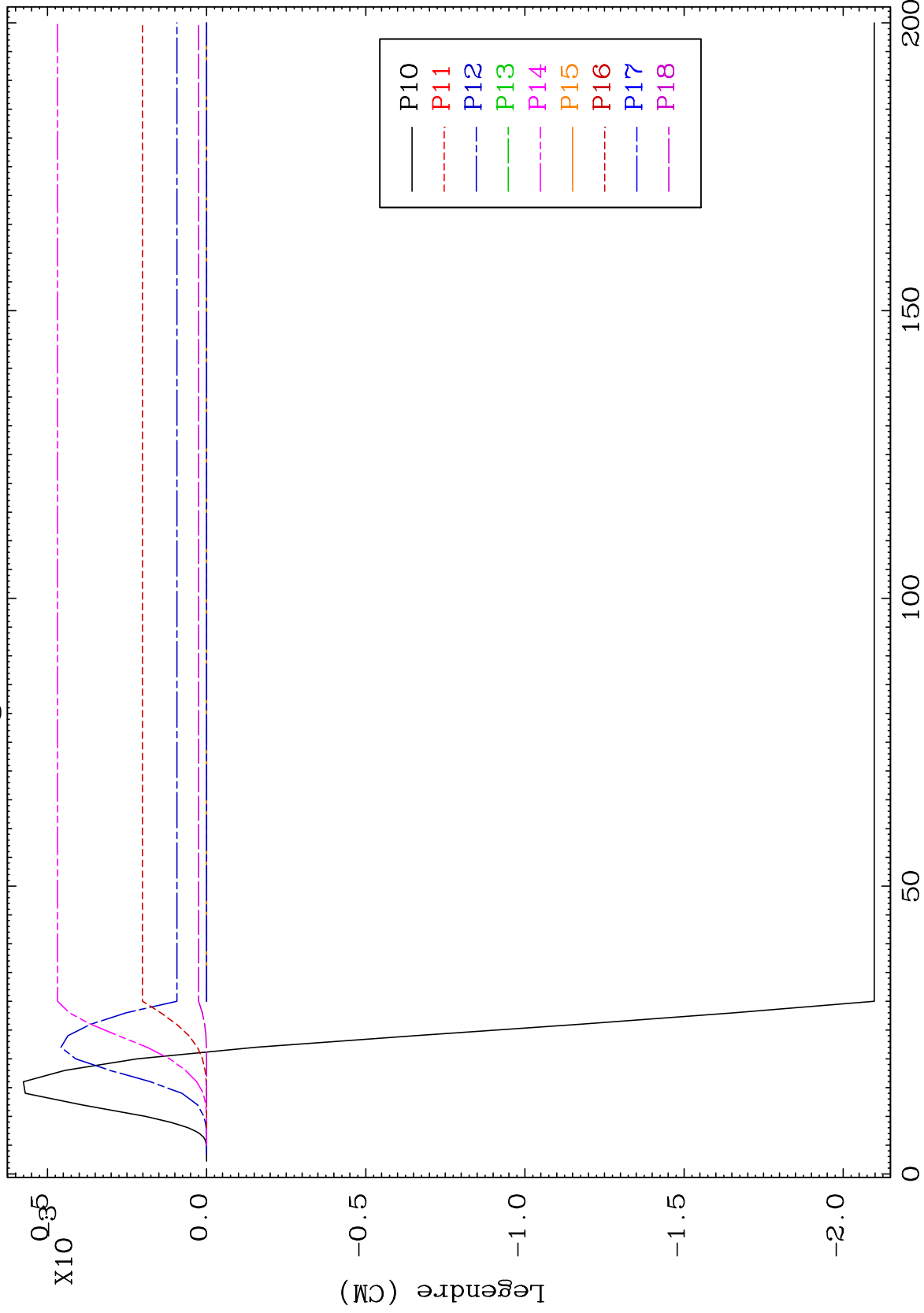


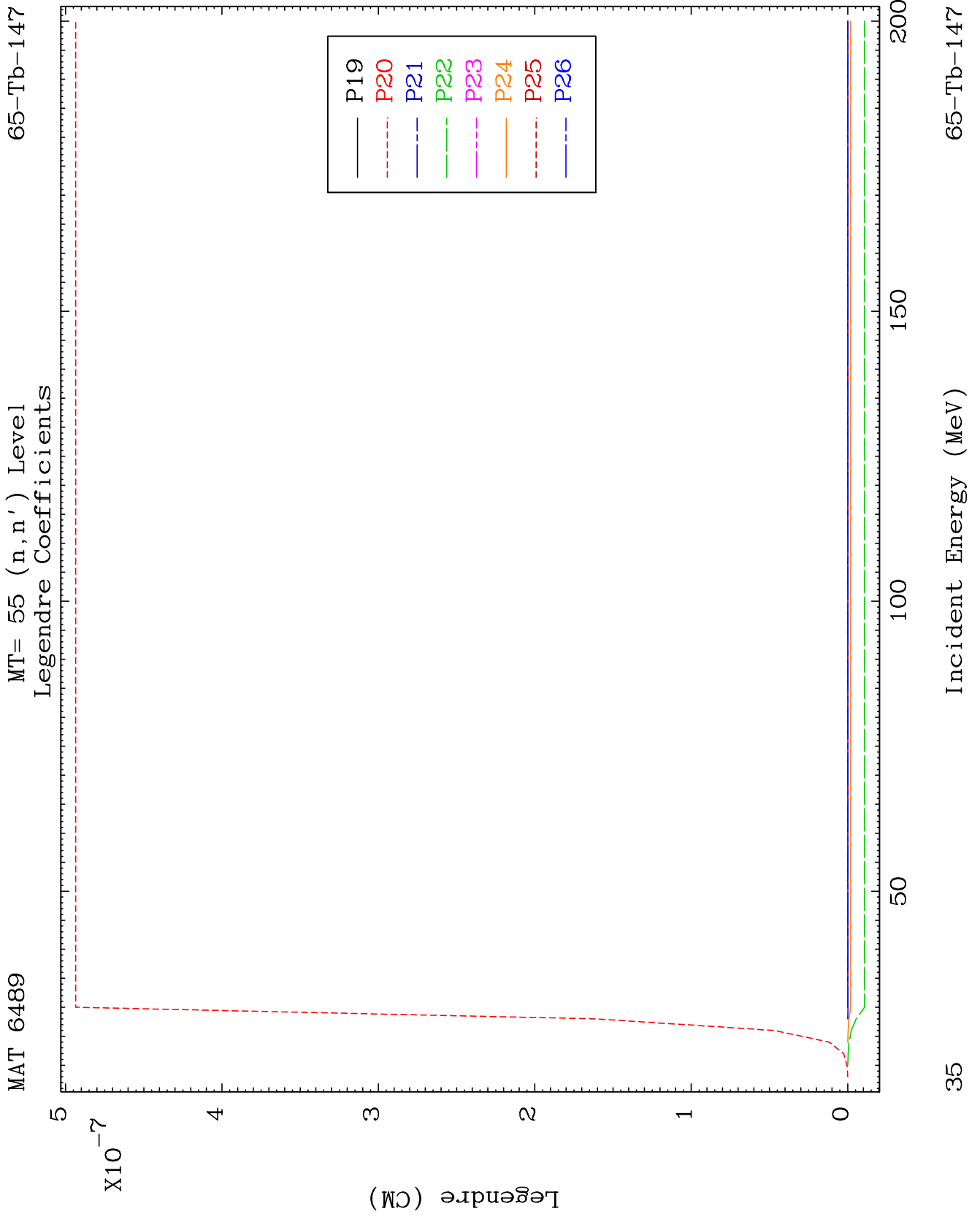








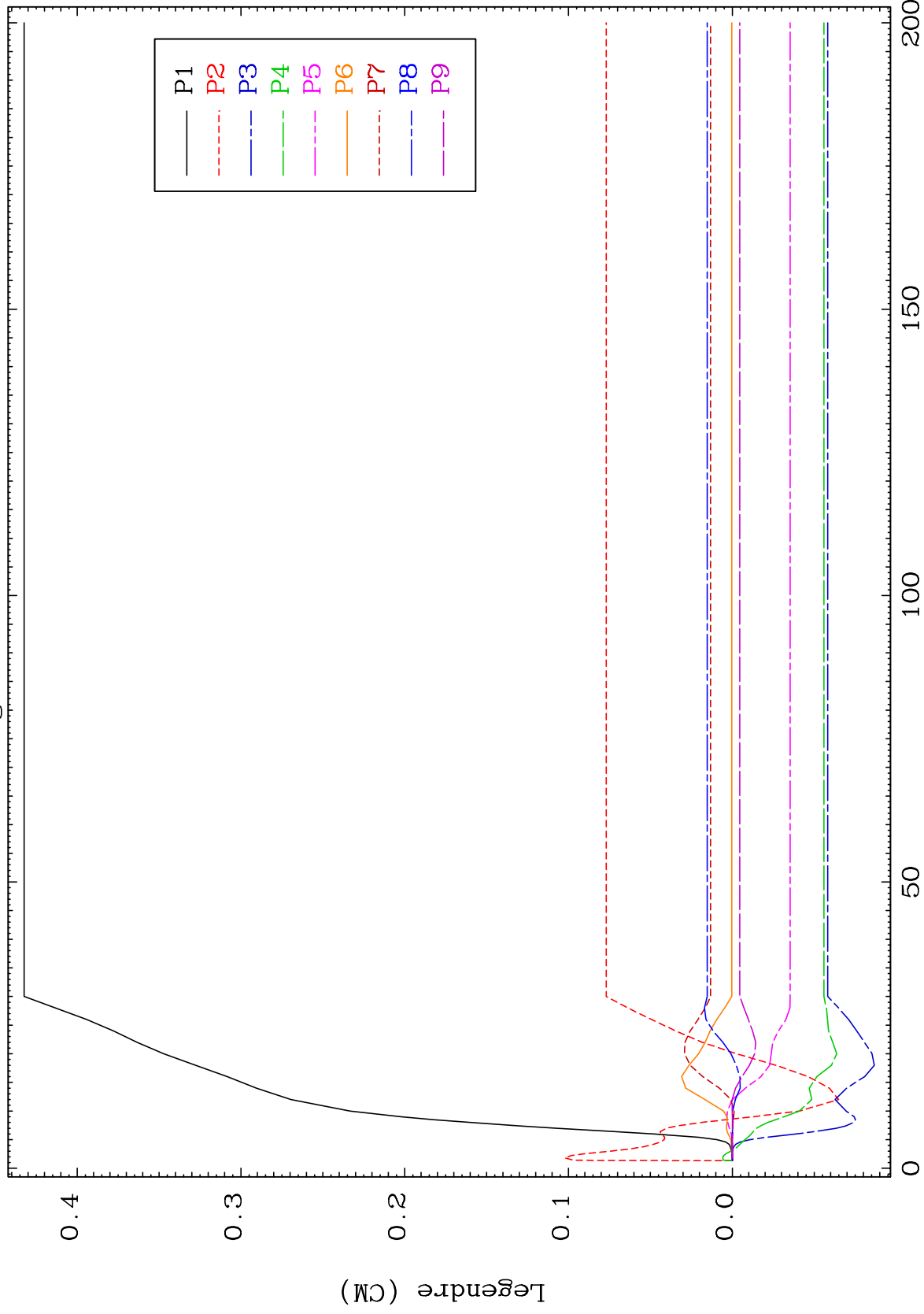




MAT 6489

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

65-Tb-147



36

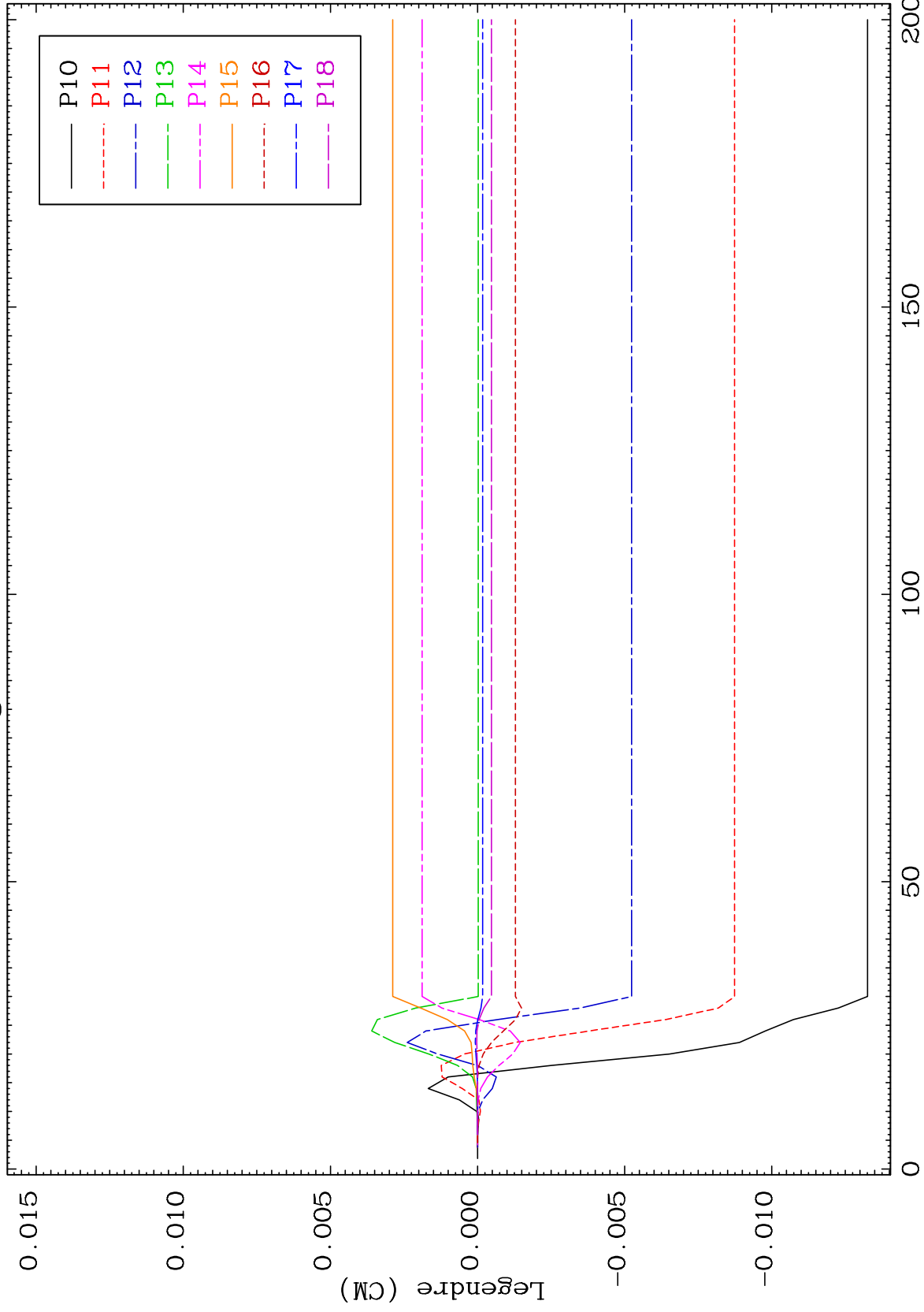
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

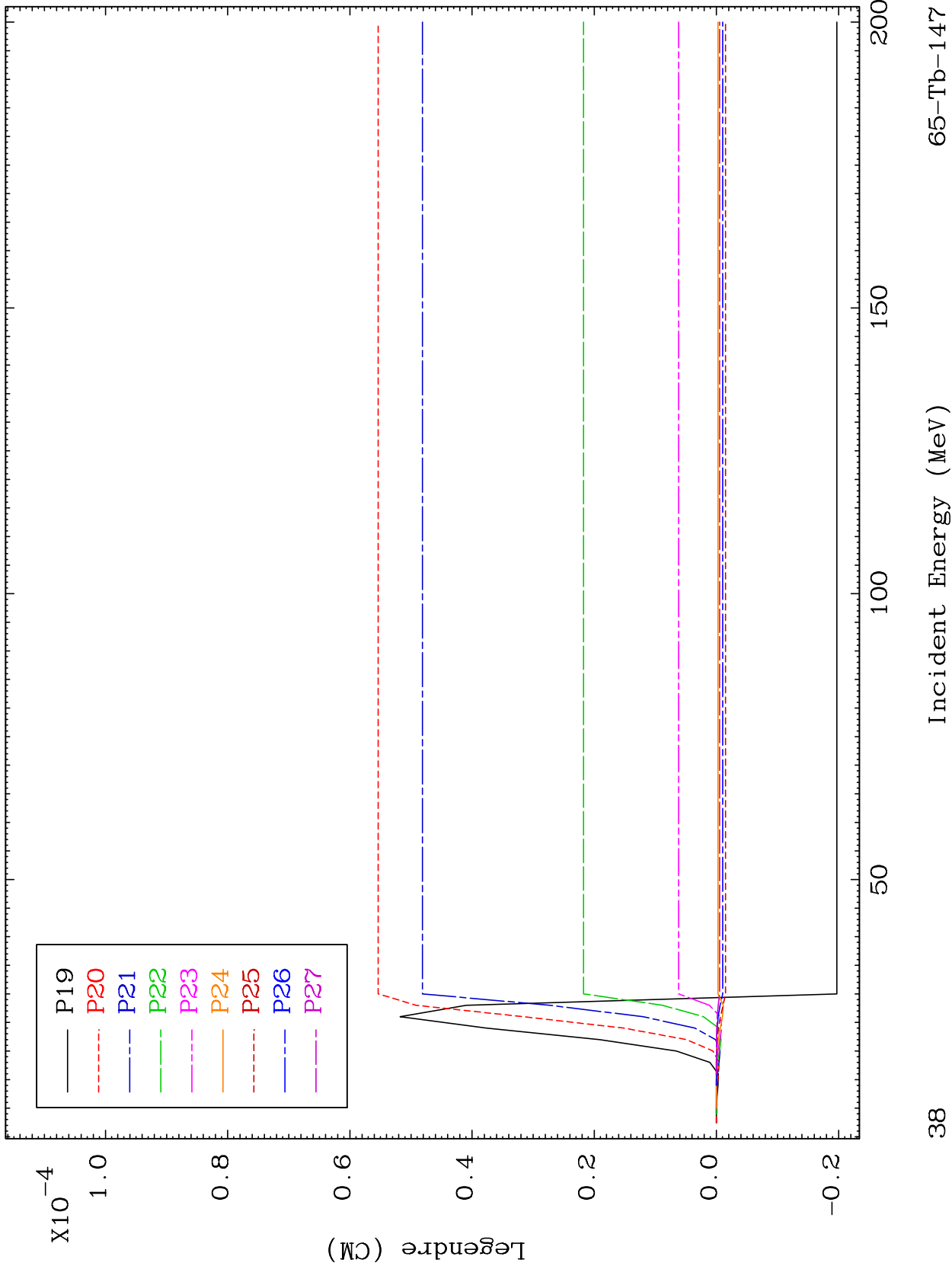
65-Tb-147



37

Incident Energy (MeV)

65-Tb-147

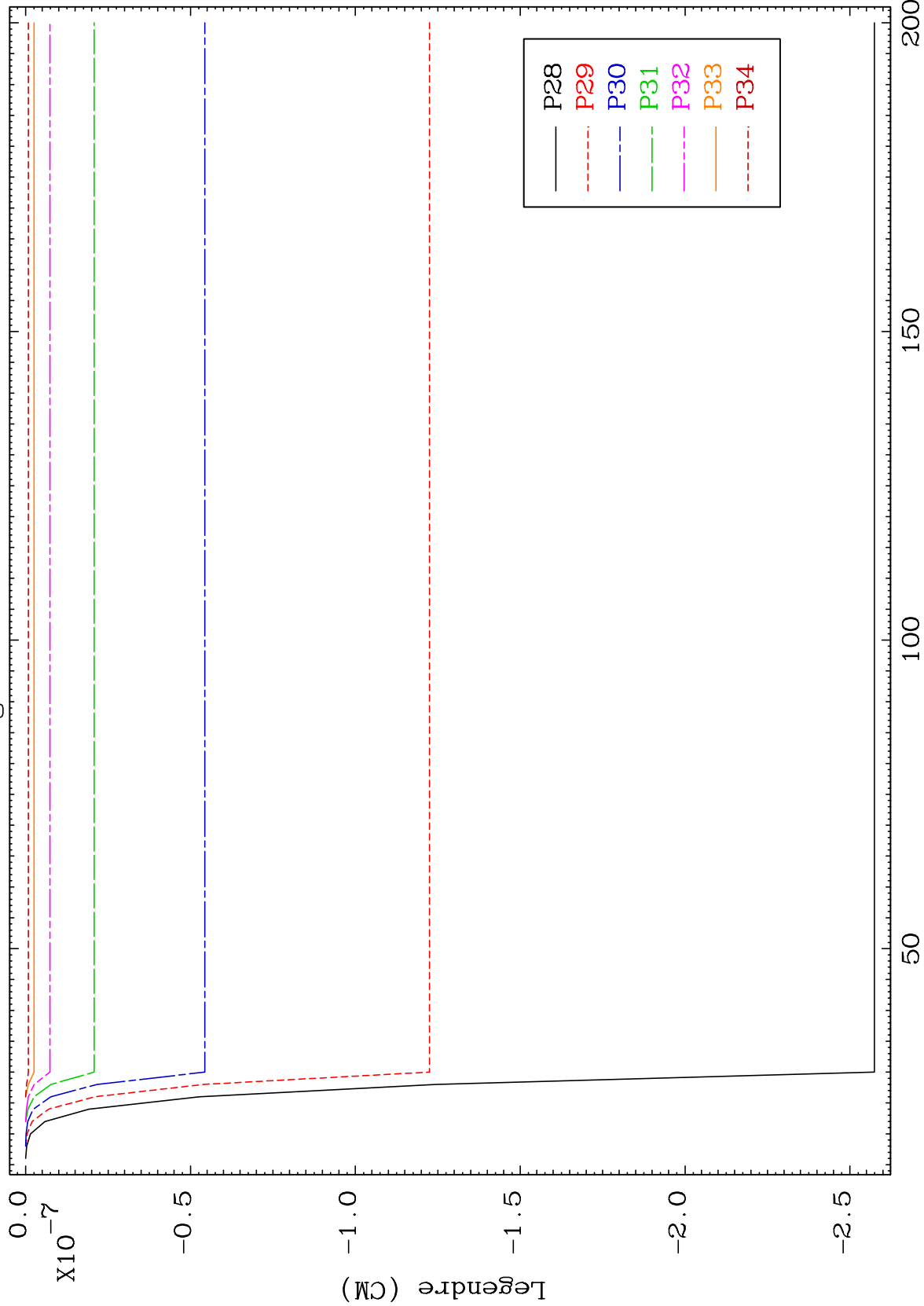


MAT 6489

MT= 56 (n,n') Level

65-Tb-147

Legendre Coefficients



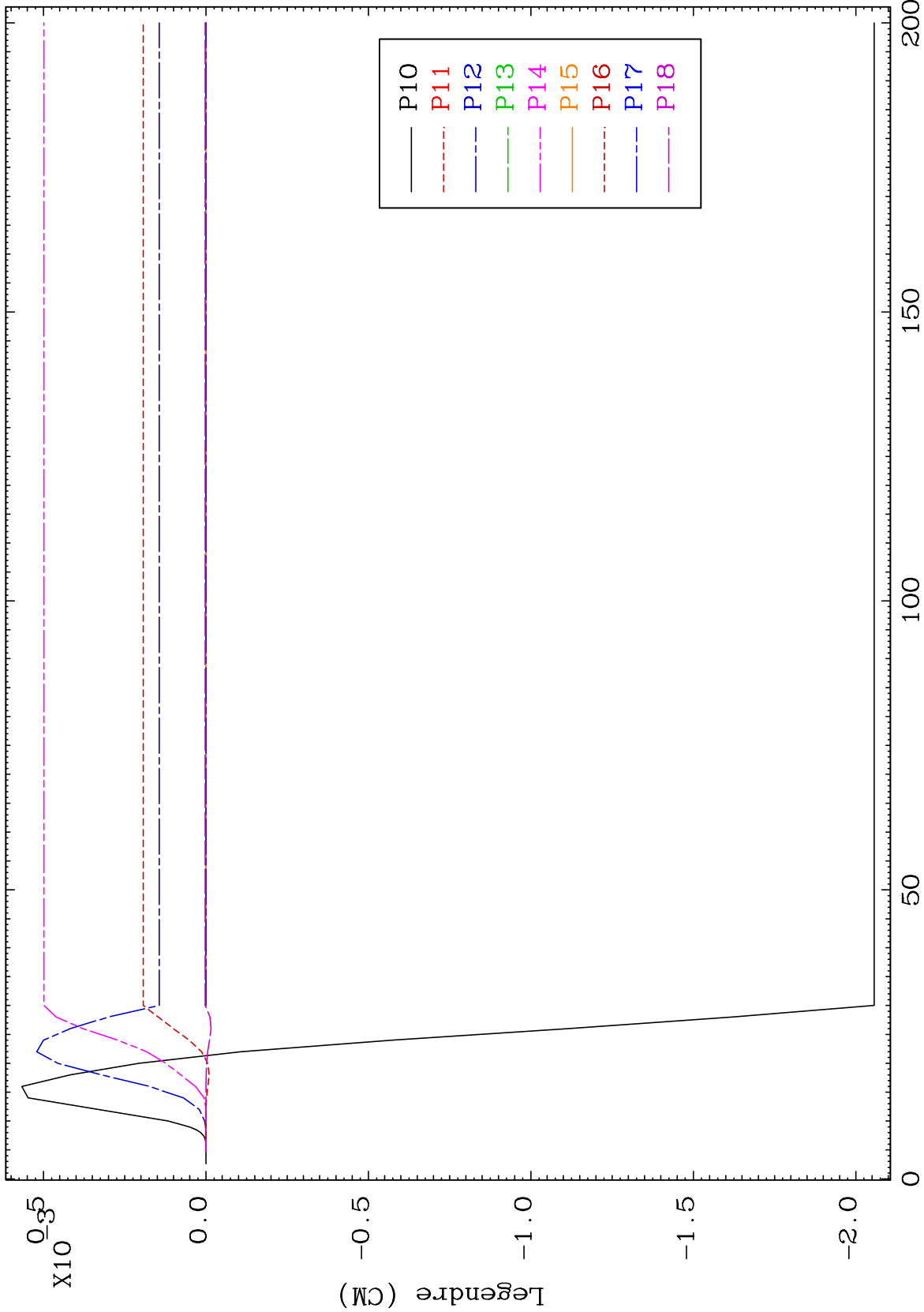




MAT 6489

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

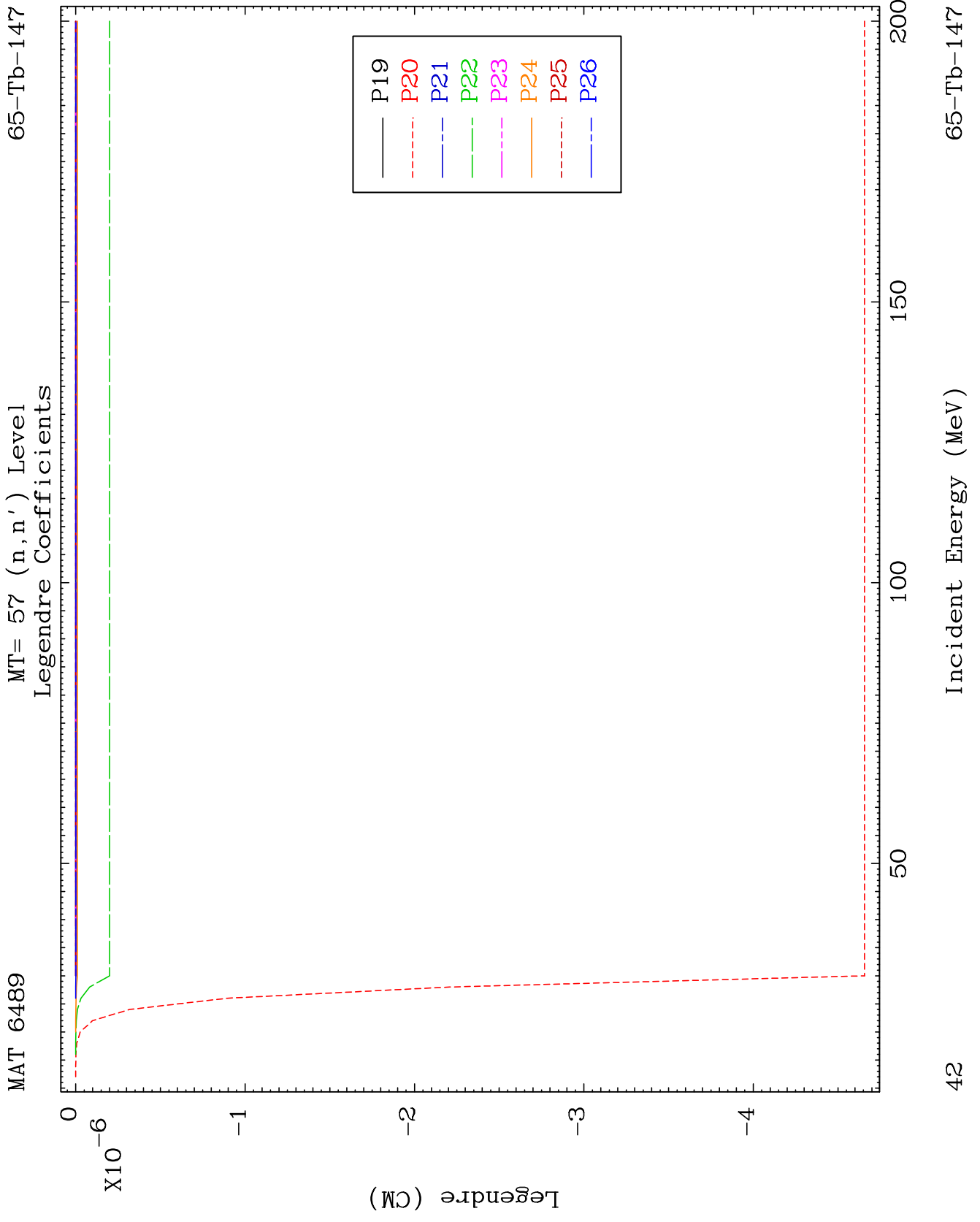
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41

Incident Energy (MeV)

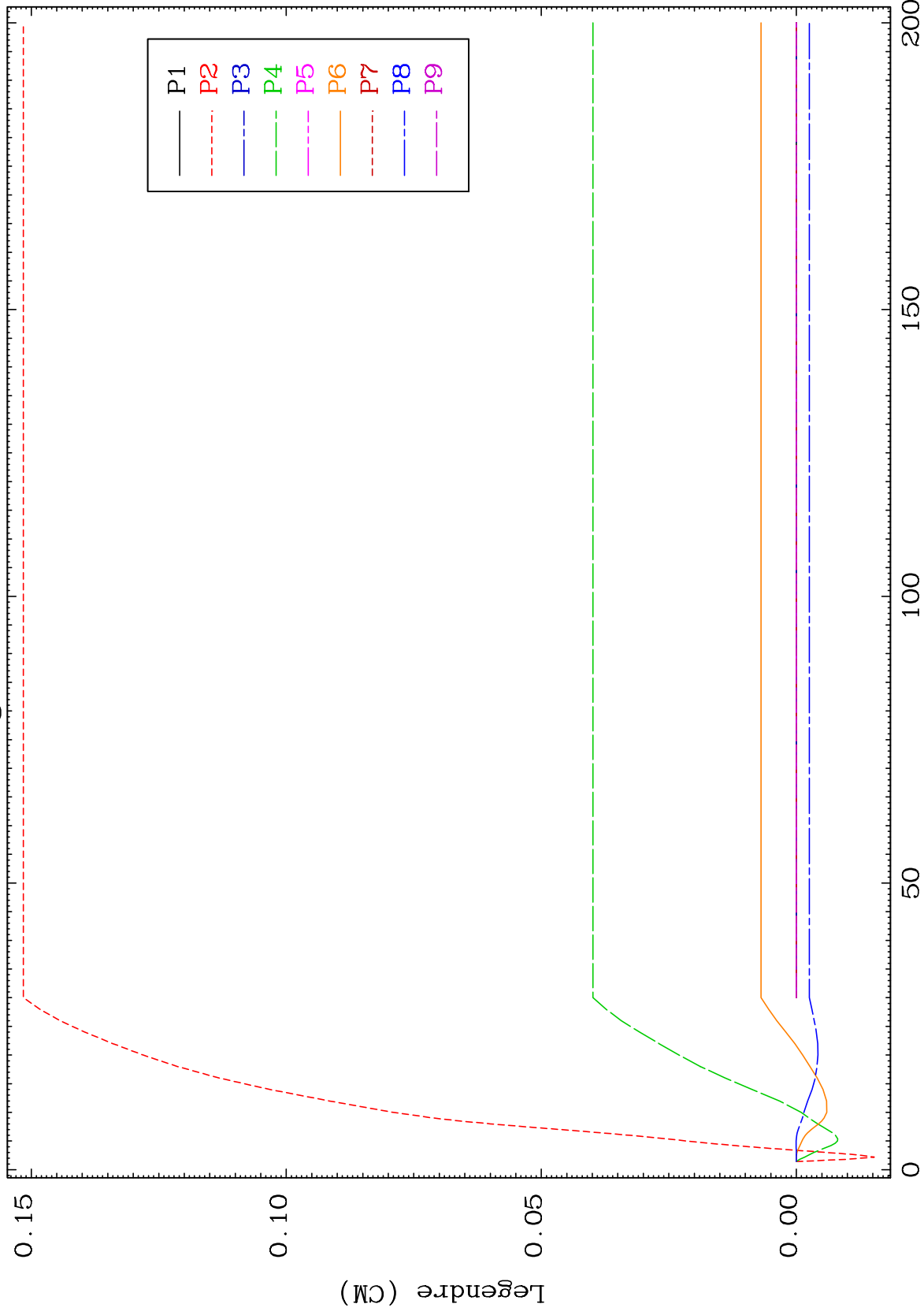
65-Tb-147



MAT 6489

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

65-Tb-147



43

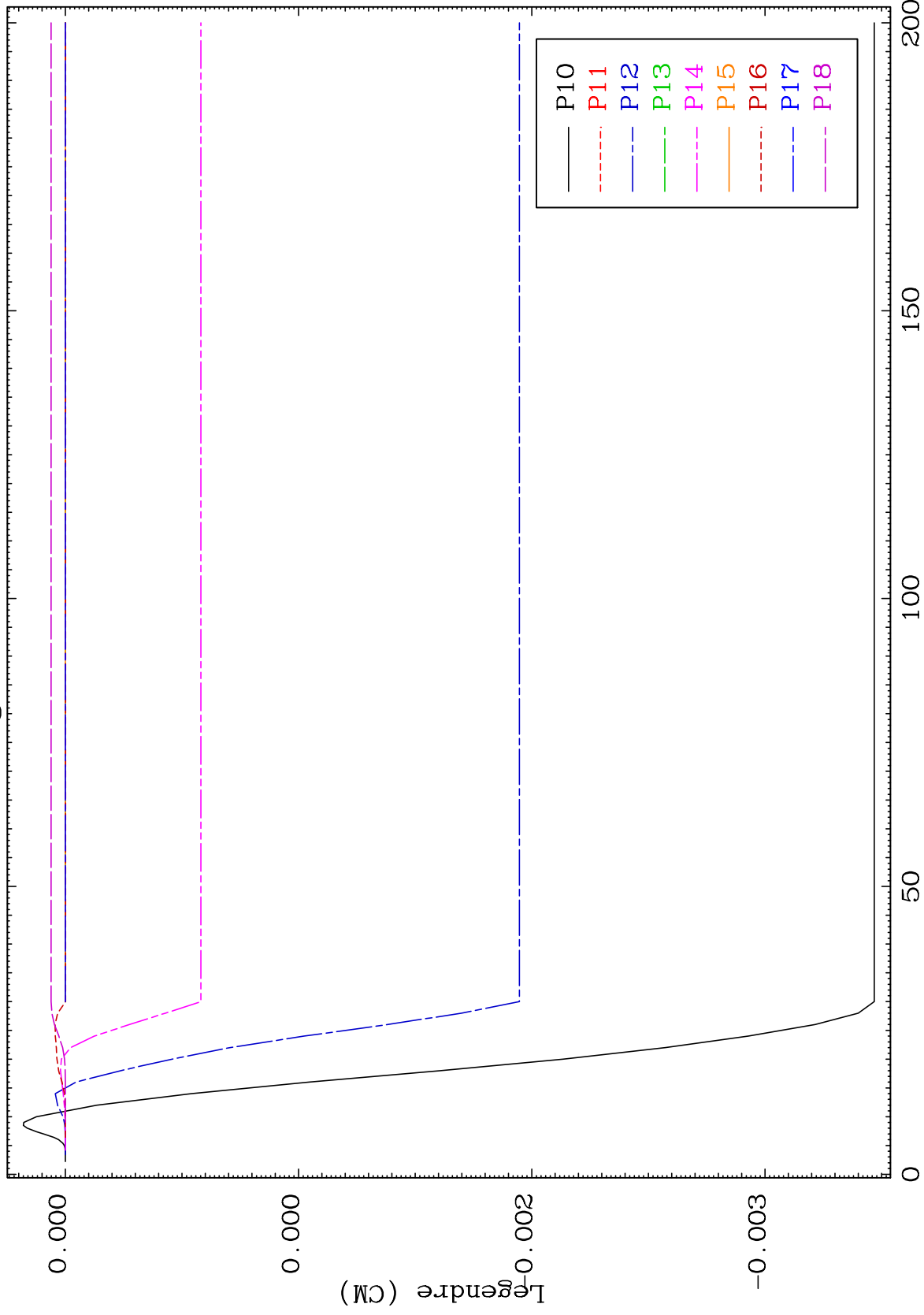
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



44

Incident Energy (MeV)

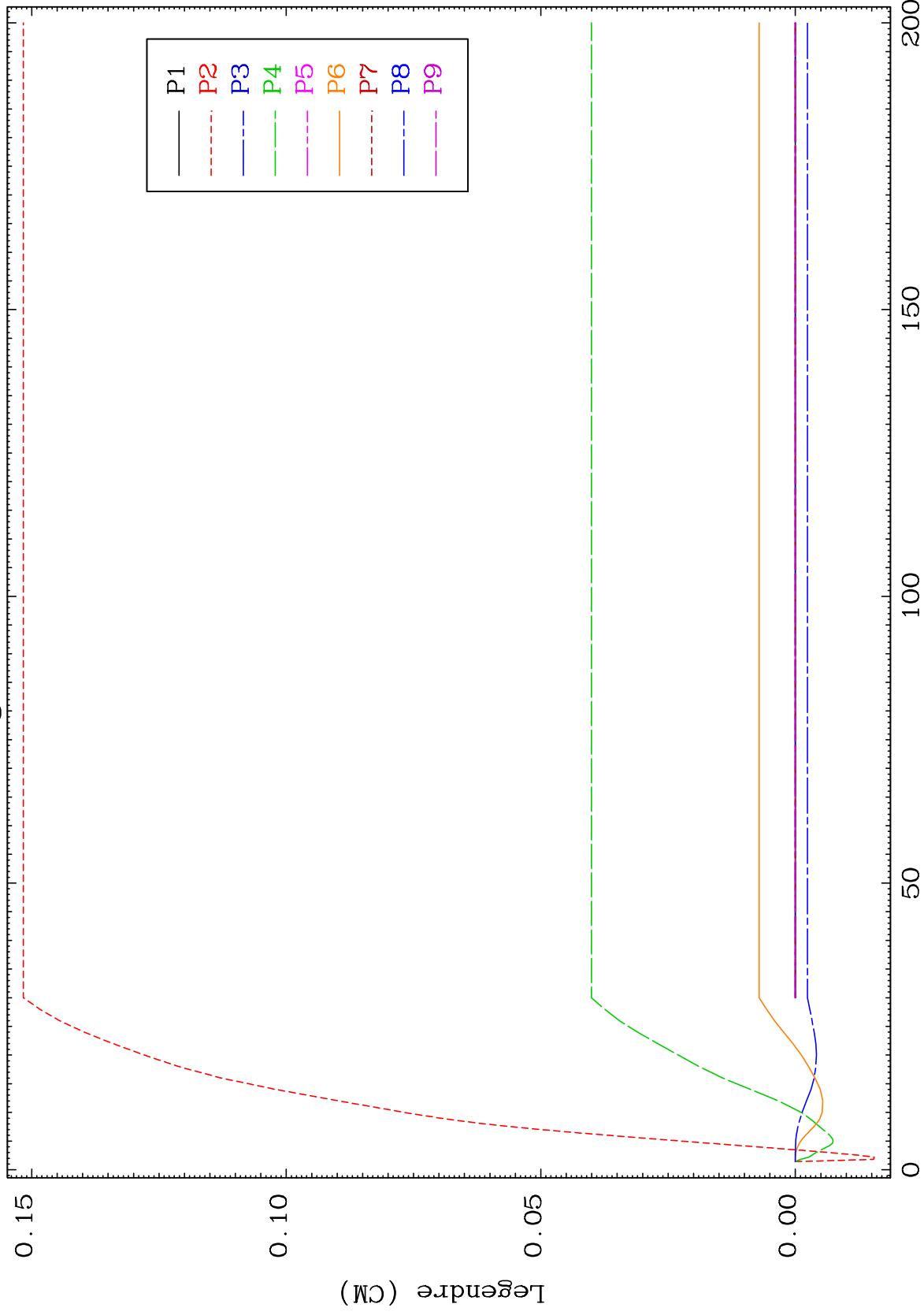
65-Tb-147



MAT 6489

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

65-Tb-147



46

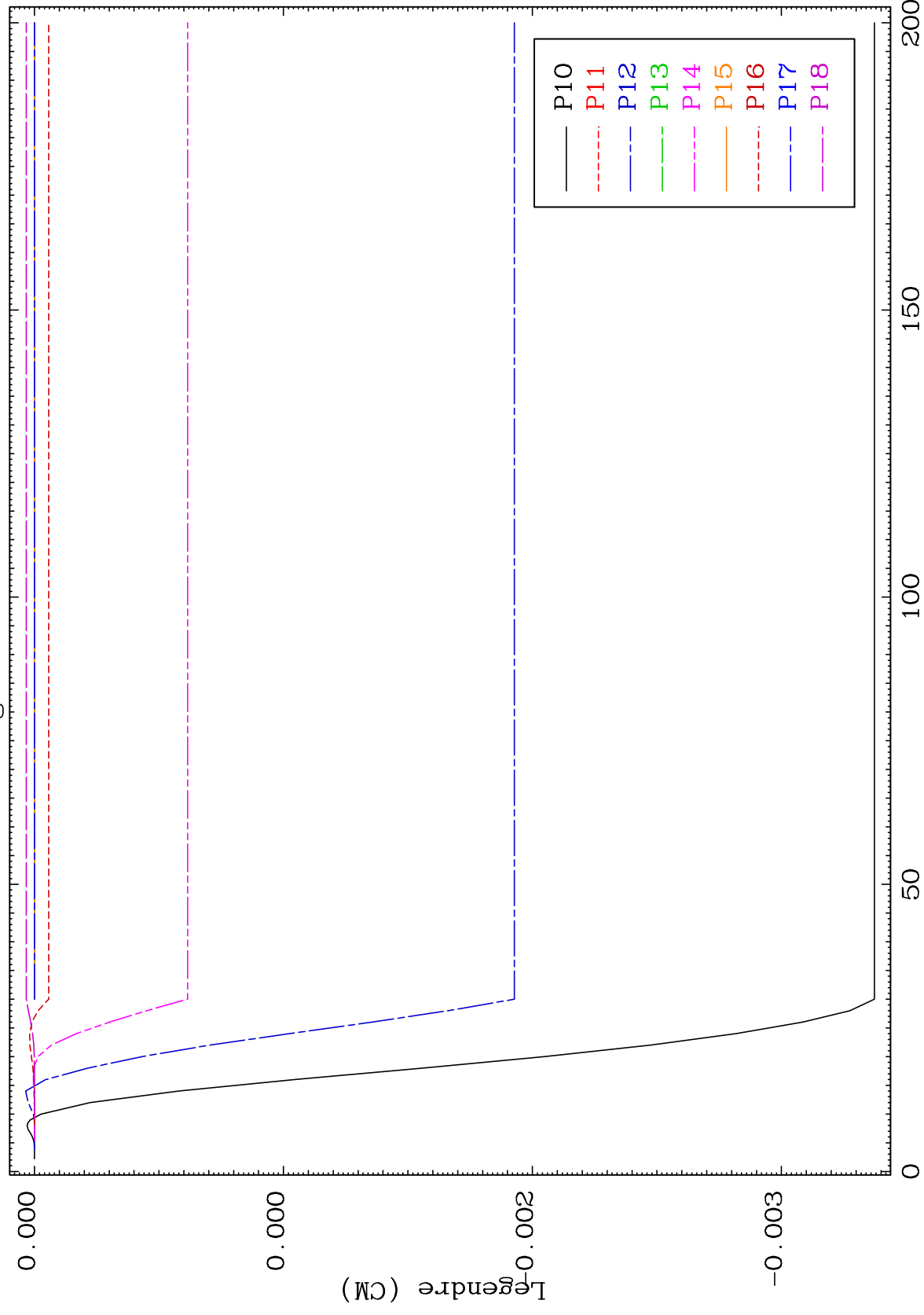
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



47

Incident Energy (MeV)

65-Tb-147

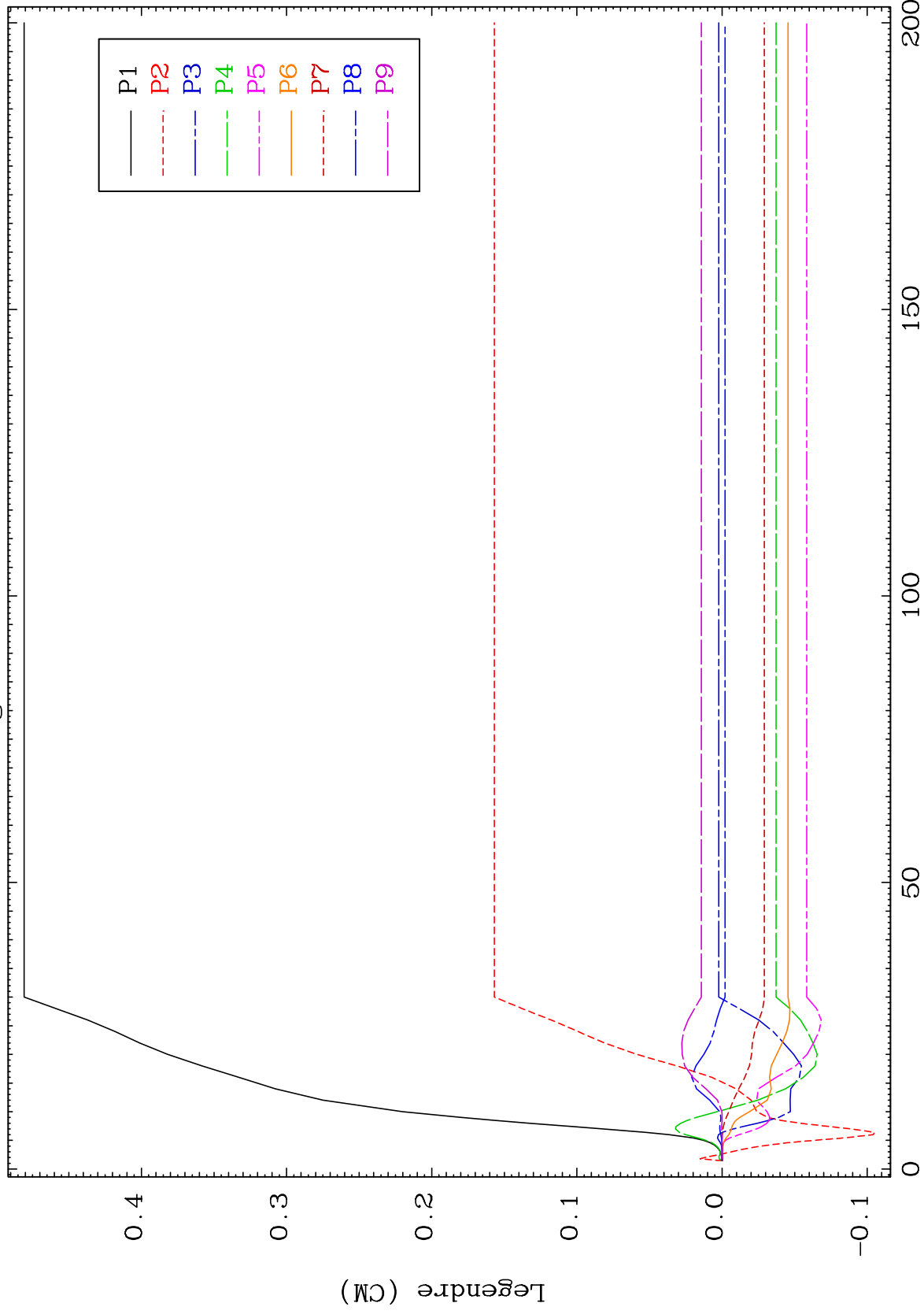




MAT 6489

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

65-Tb-147



49

Incident Energy (MeV)

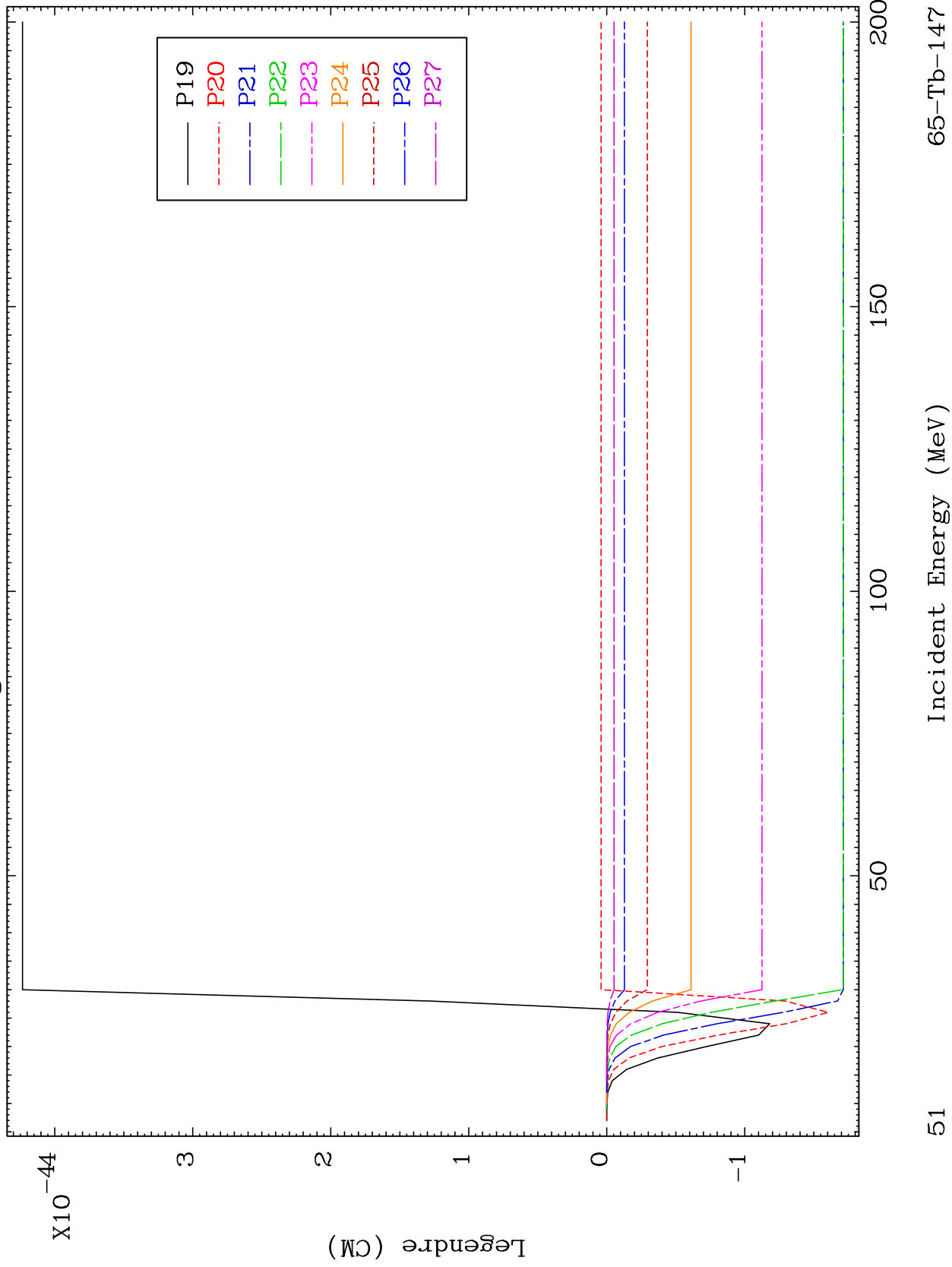
65-Tb-147



MAT 6489

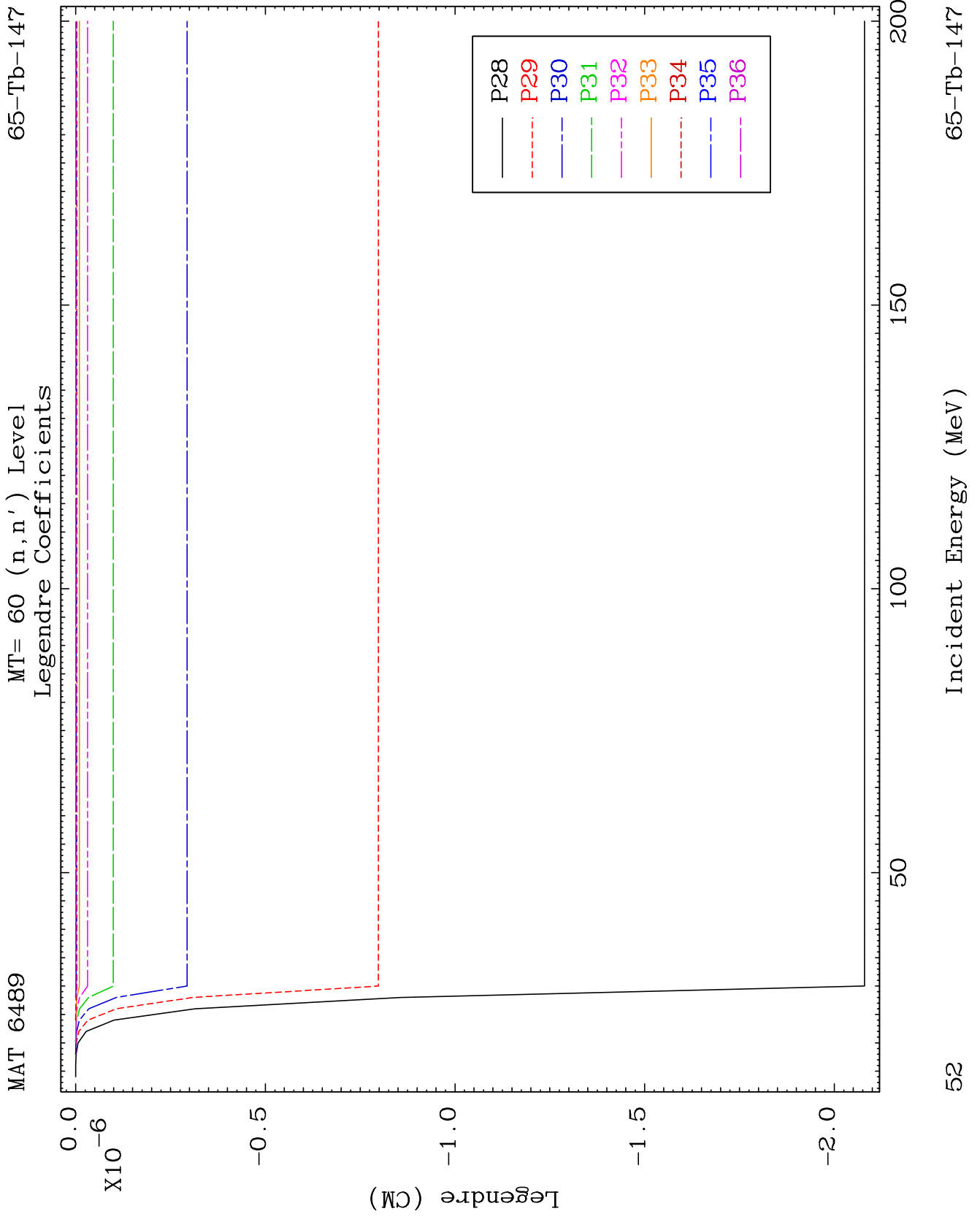
MT= 60 (n,n') Level  
Legendre Coefficients

65-Tb-147



51

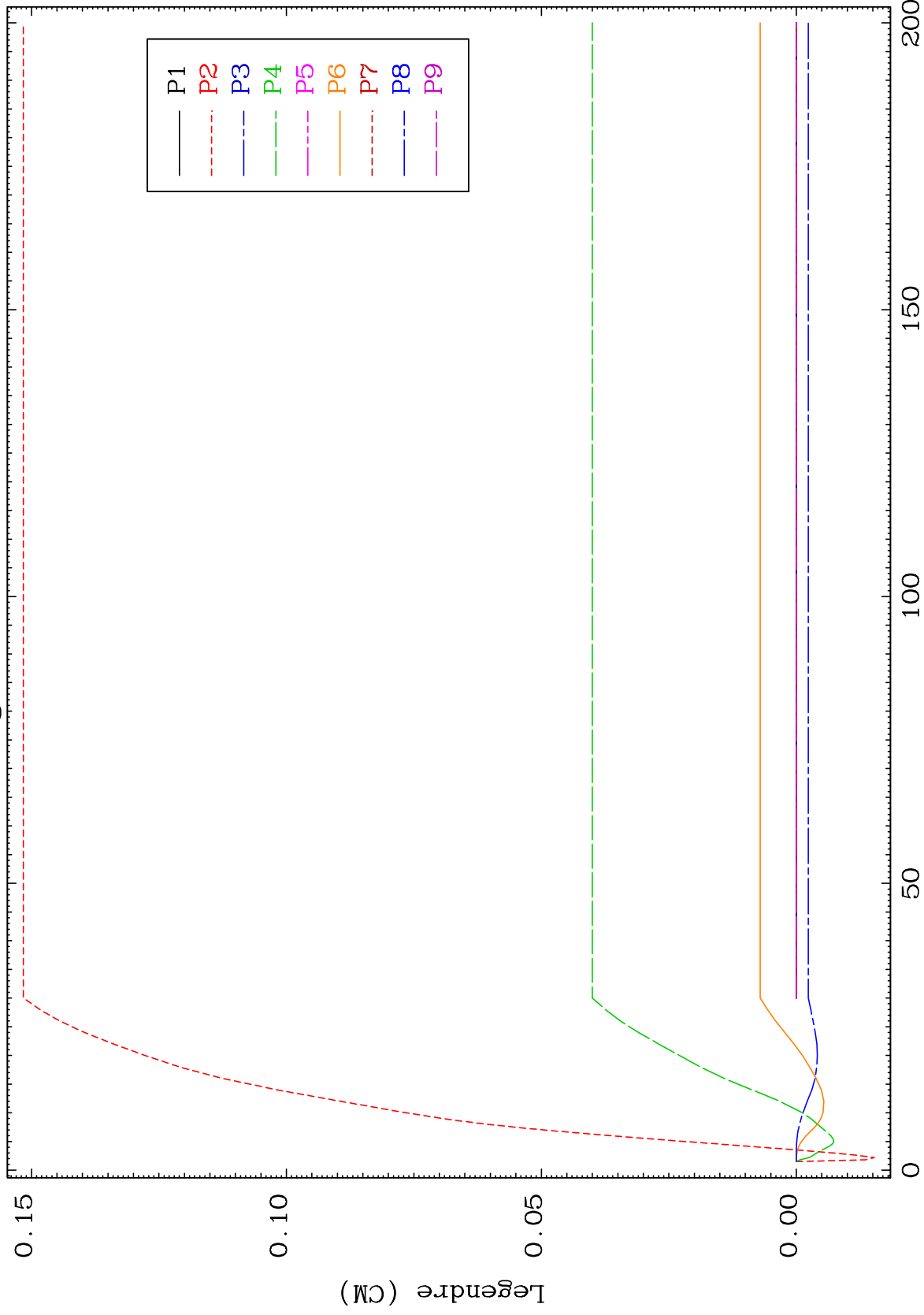
65-Tb-147



MAT 6489

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

65-Tb-147



53

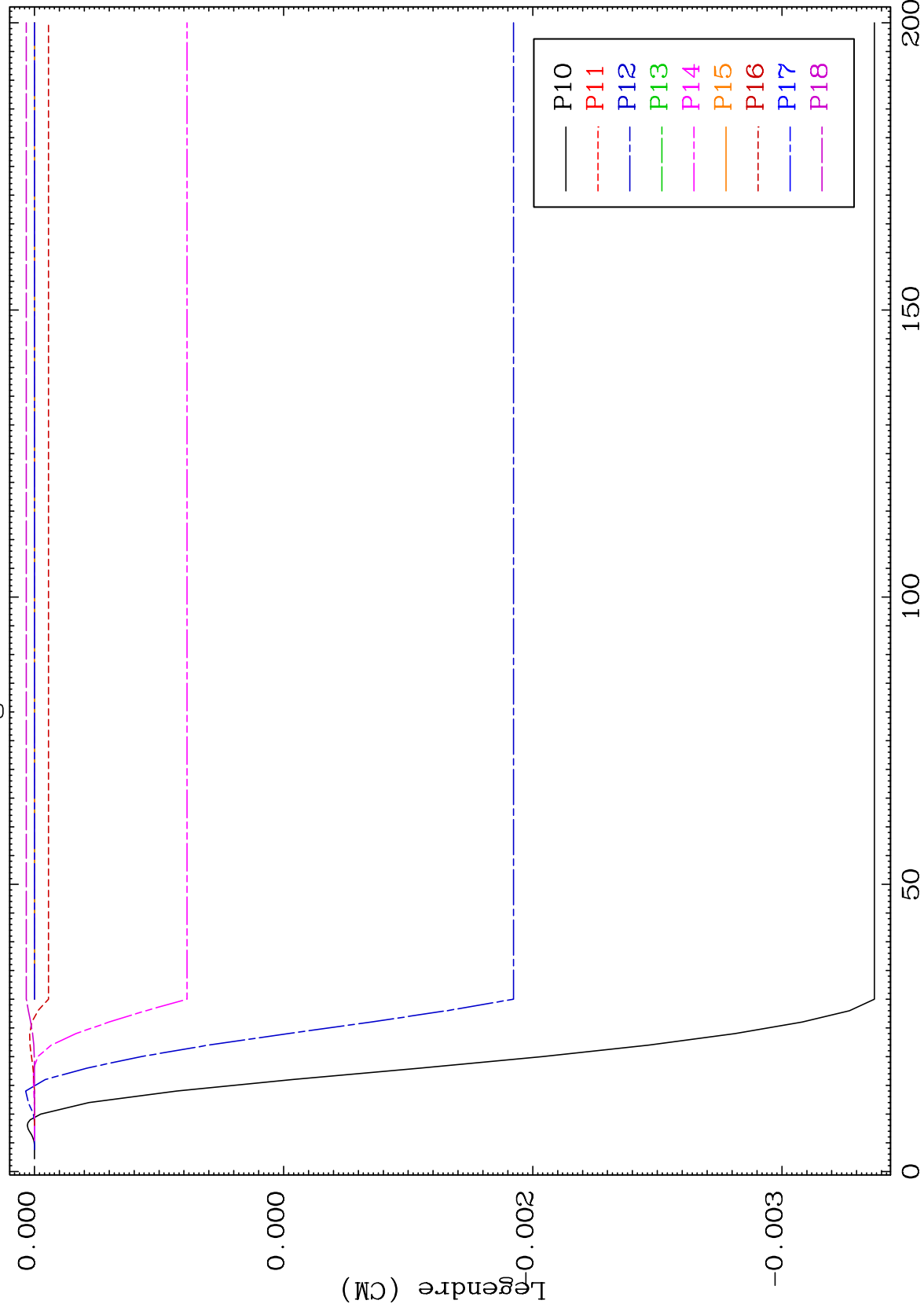
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

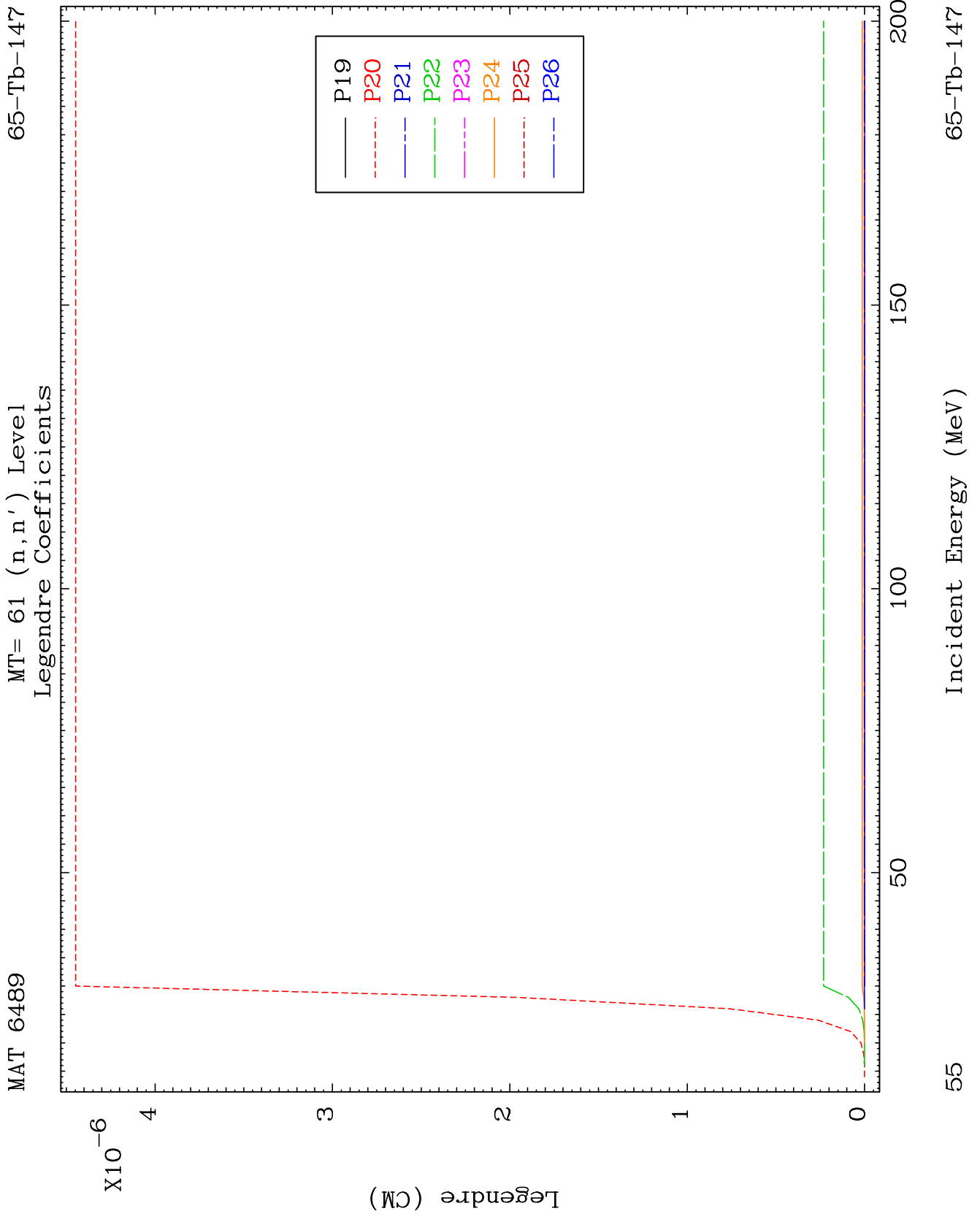
65-Tb-147



54

Incident Energy (MeV)

65-Tb-147

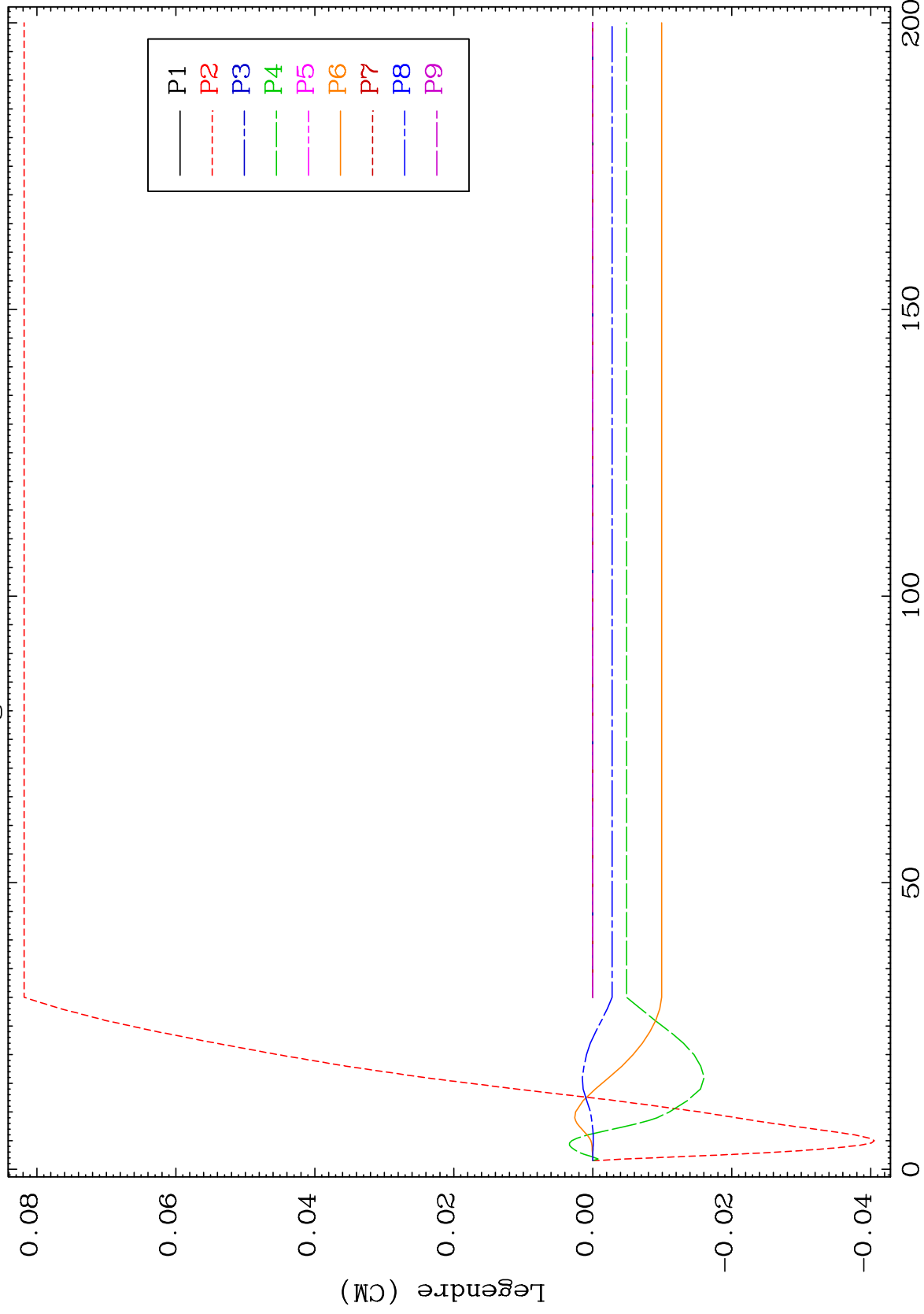




MAT 6489

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

65-Tb-147



56

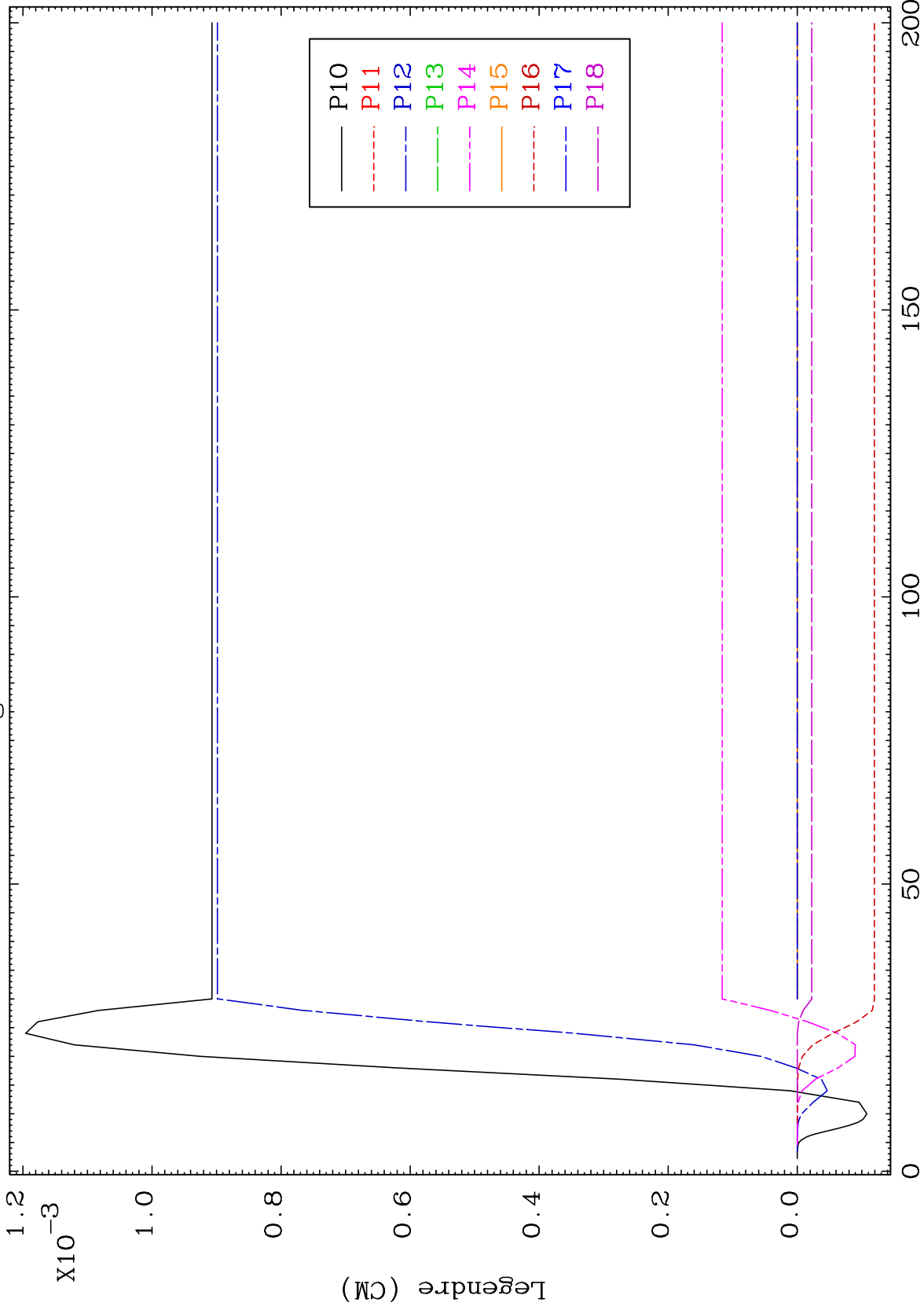
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

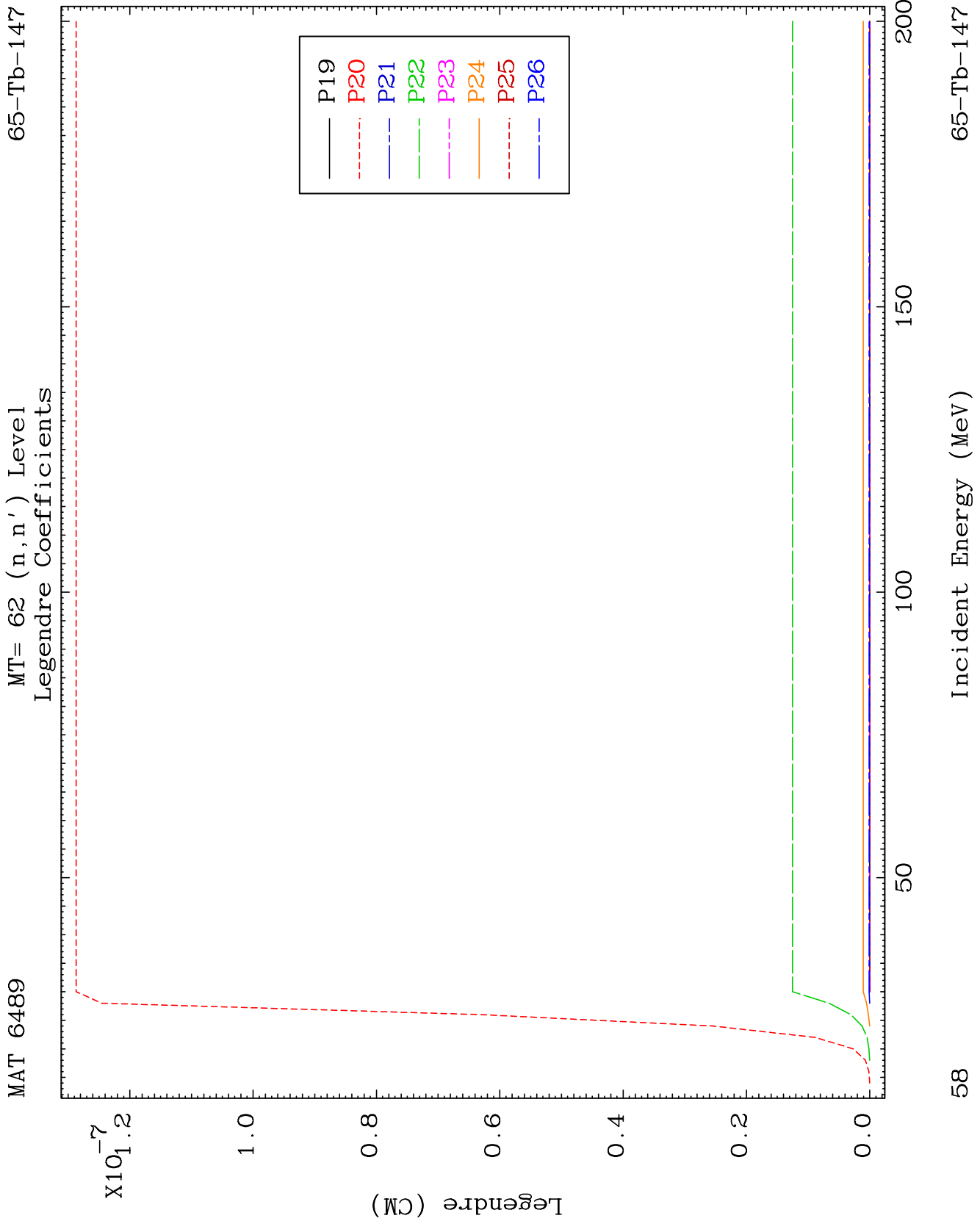
65-Tb-147



57

Incident Energy (MeV)

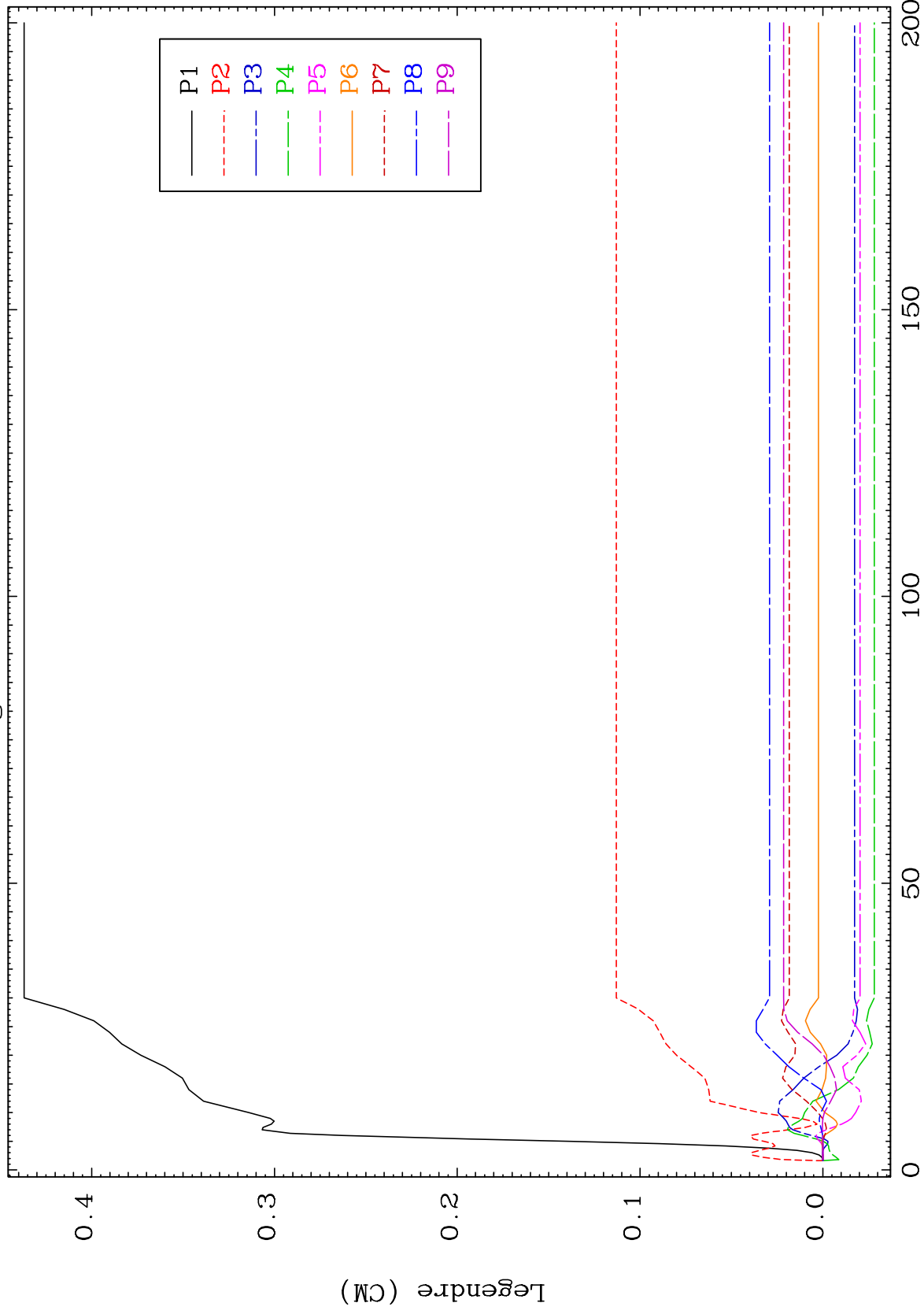
65-Tb-147



MAT 6489

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

65-Tb-147



65-Tb-147

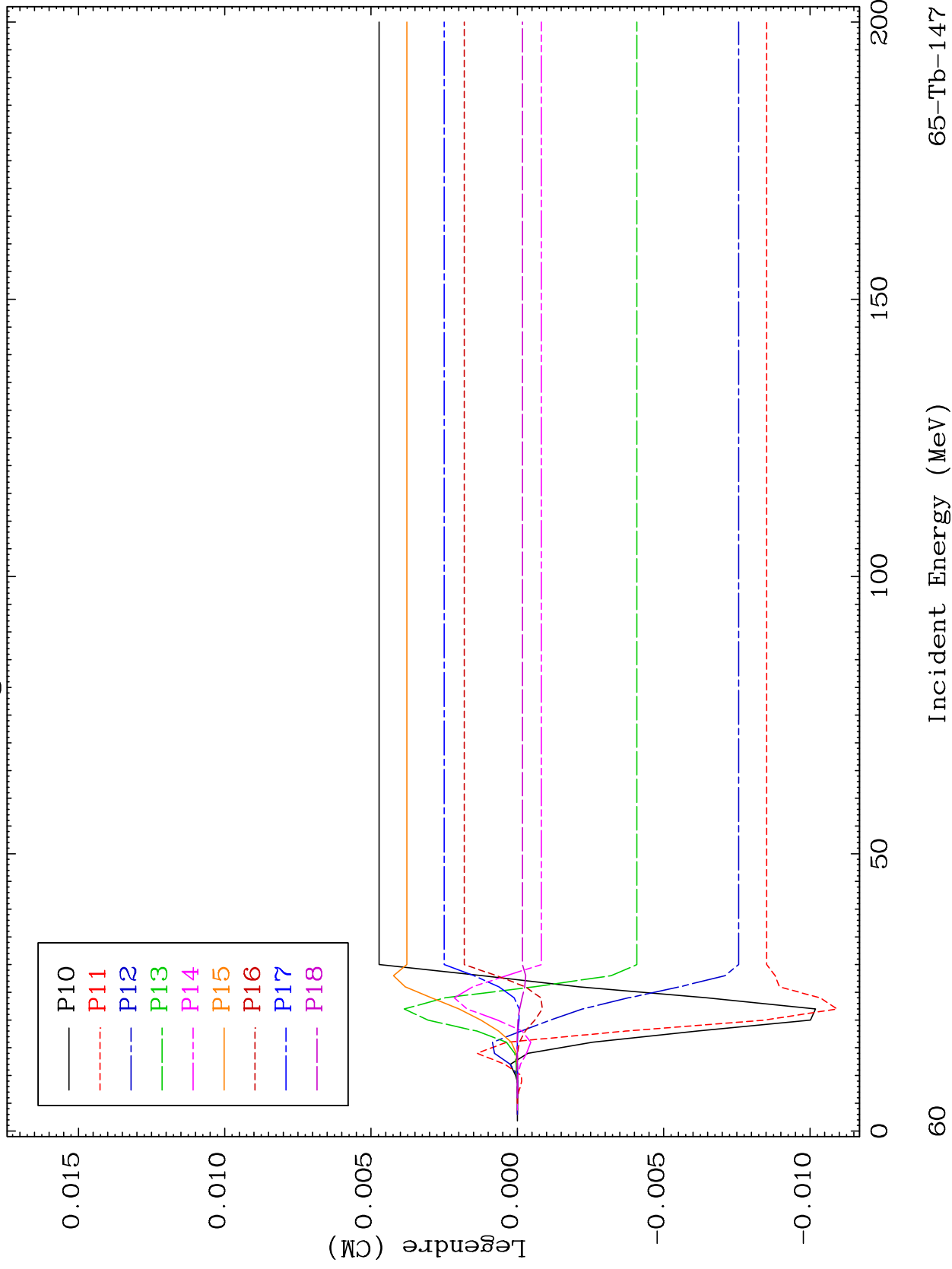
Incident Energy (MeV)

59

MAT 6489

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

65-Tb-147



65-Tb-147

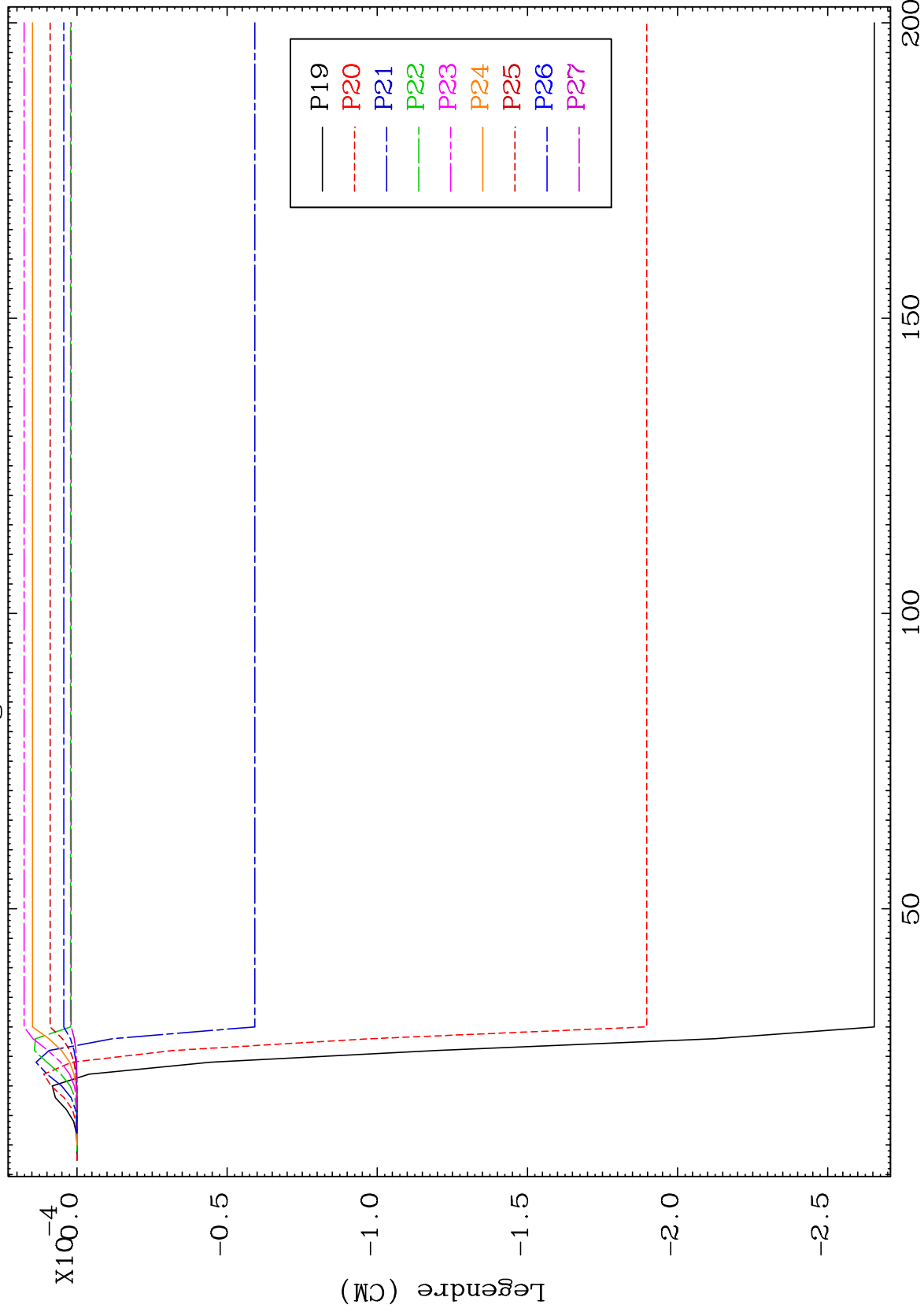
Incident Energy (MeV)

60

MAT 6489

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

65-Tb-147



61

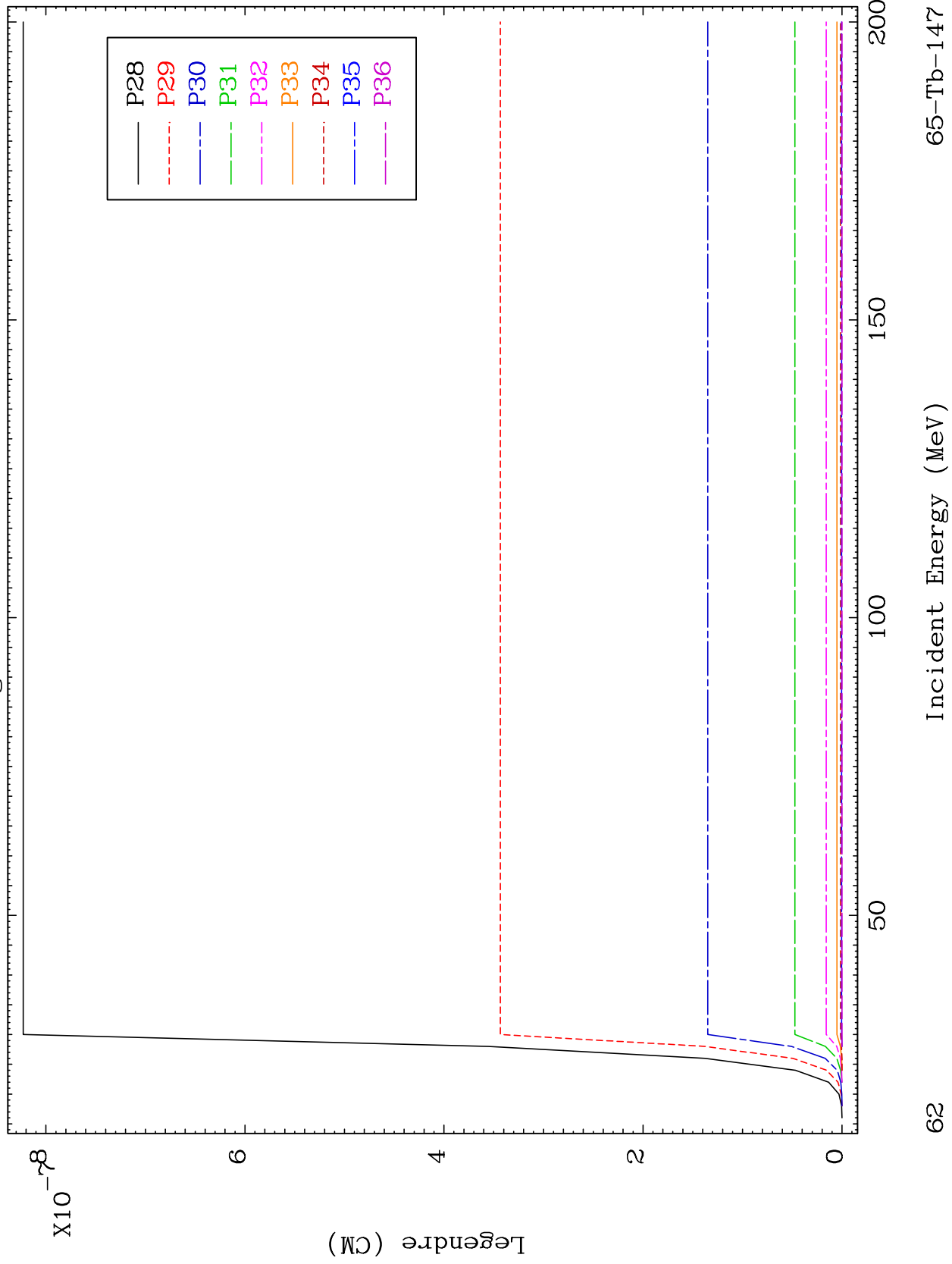
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



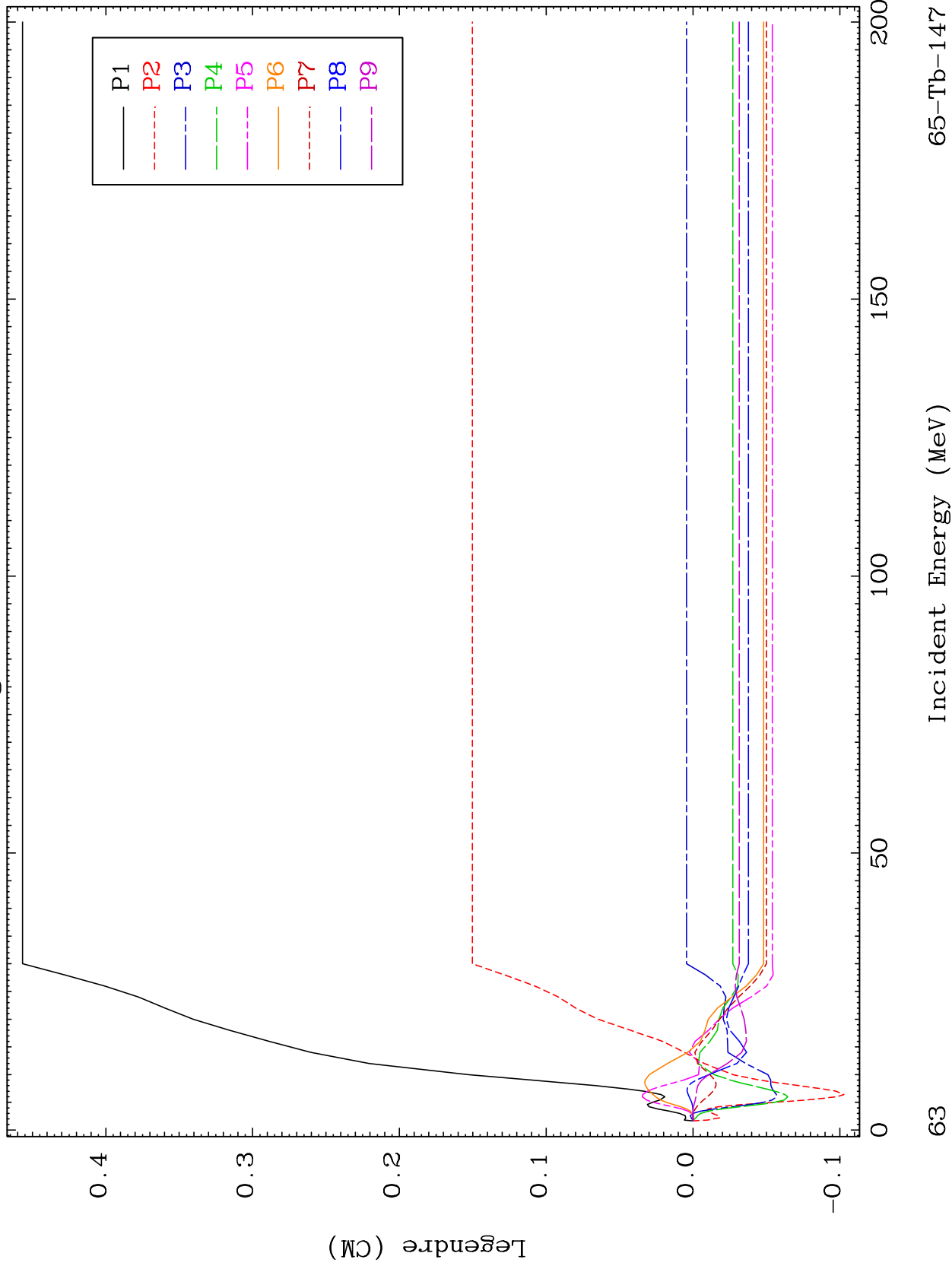
62

65-Tb-147

MAT 6489

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

65-Tb-147



65-Tb-147

Incident Energy (MeV)

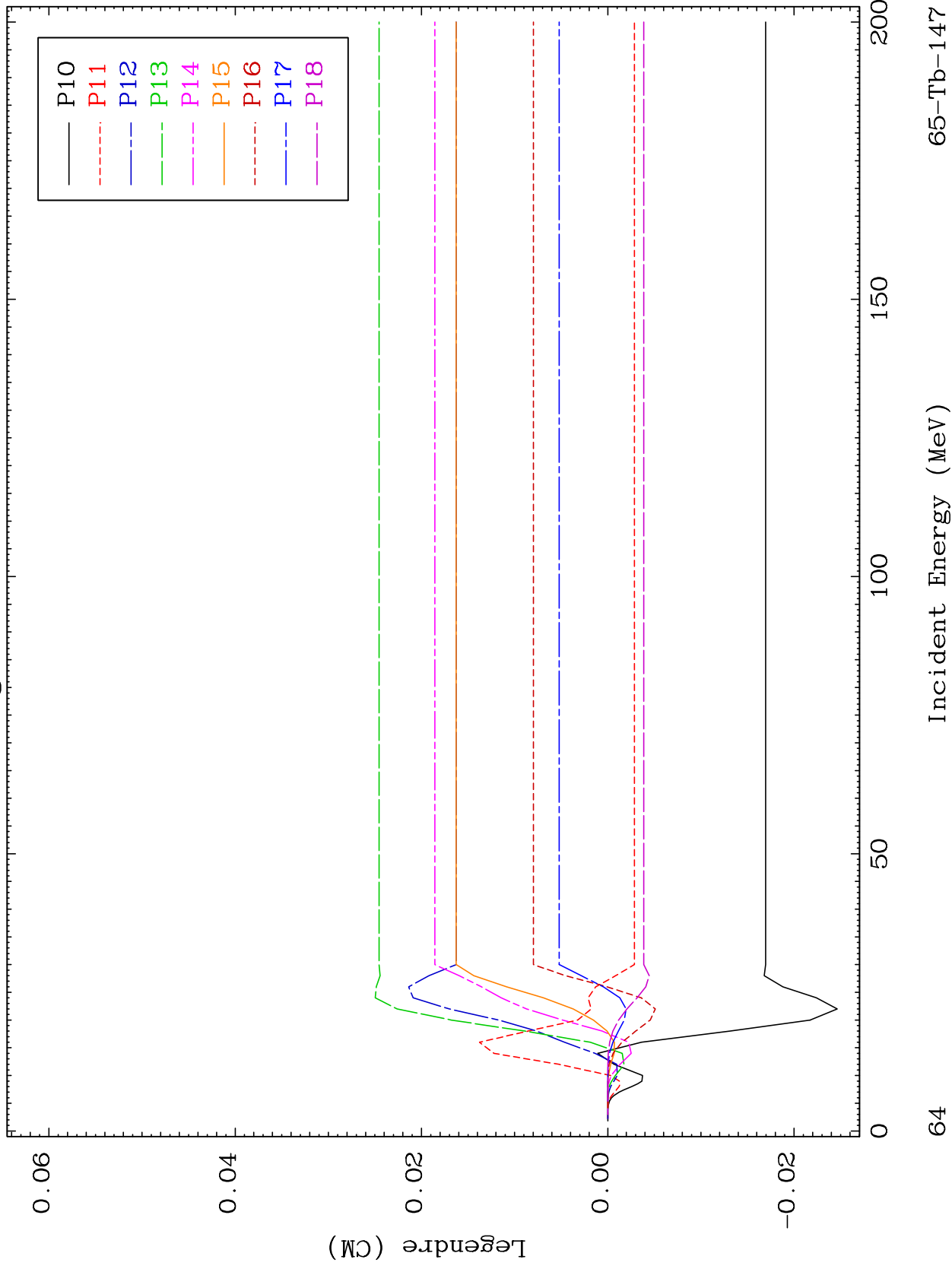
63



MAT 6489

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

65-Tb-147



65-Tb-147

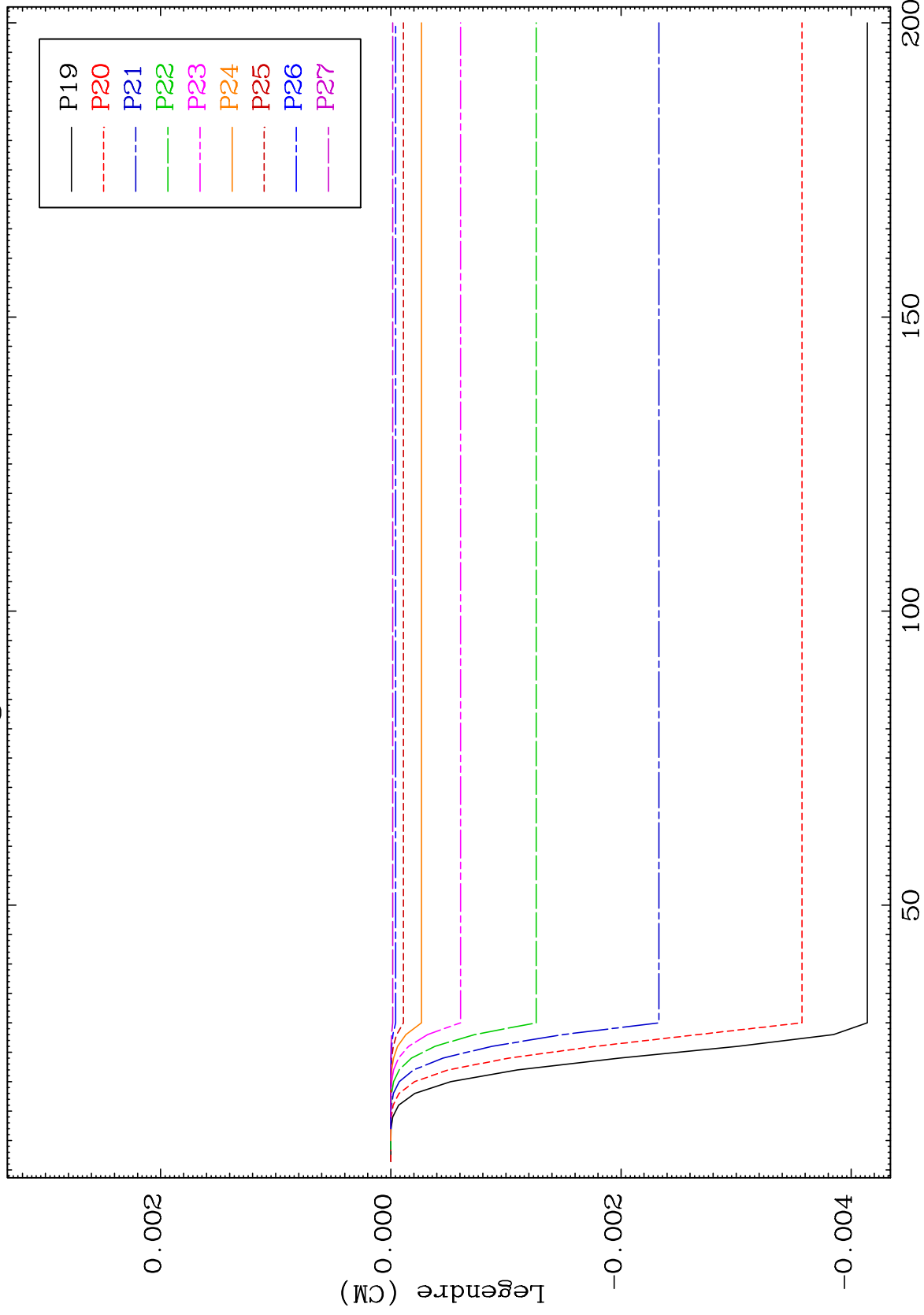
Incident Energy (MeV)

64

MAT 6489

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

65-Tb-147



65

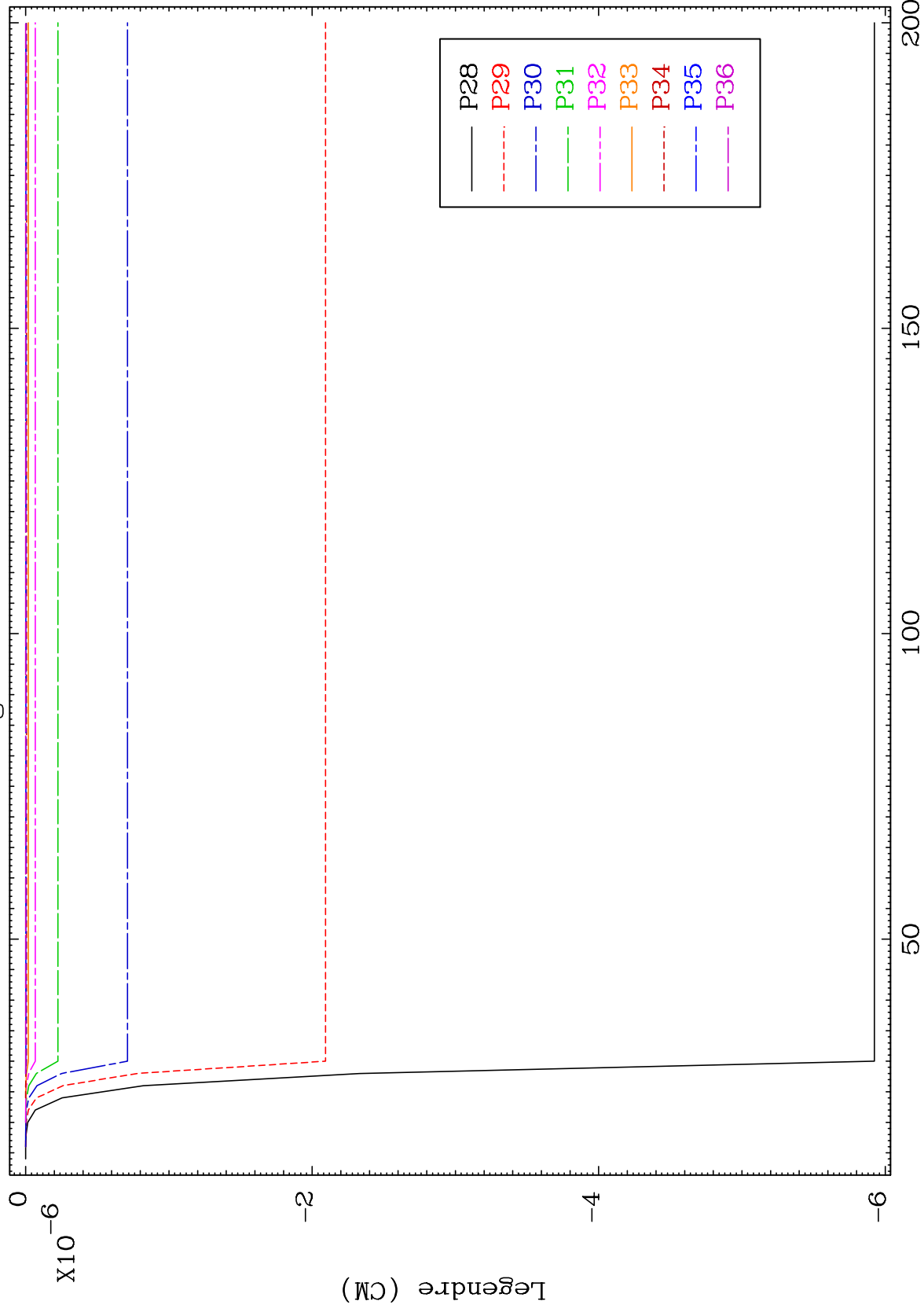
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



66

Incident Energy (MeV)

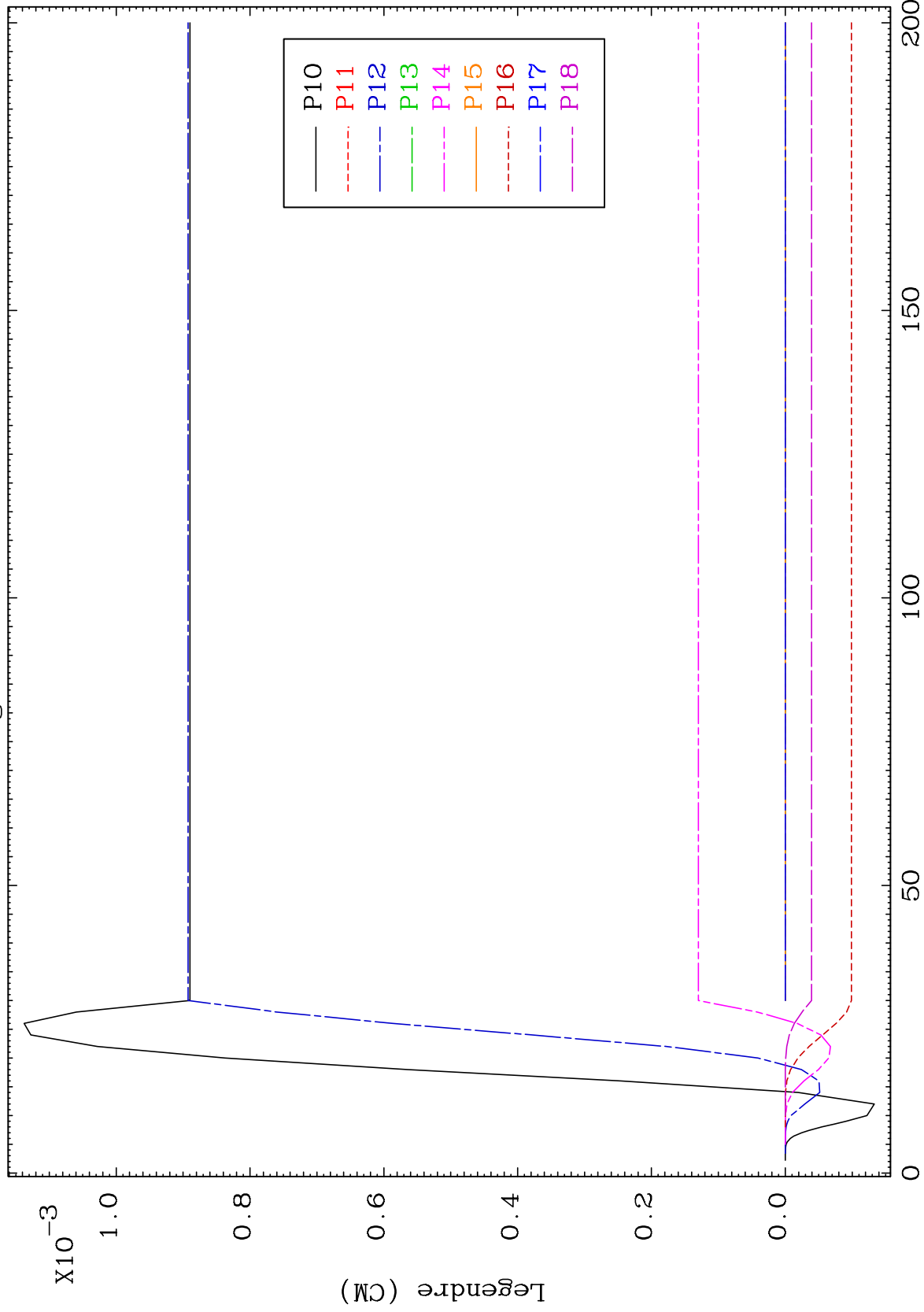
65-Tb-147



MAT 6489

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

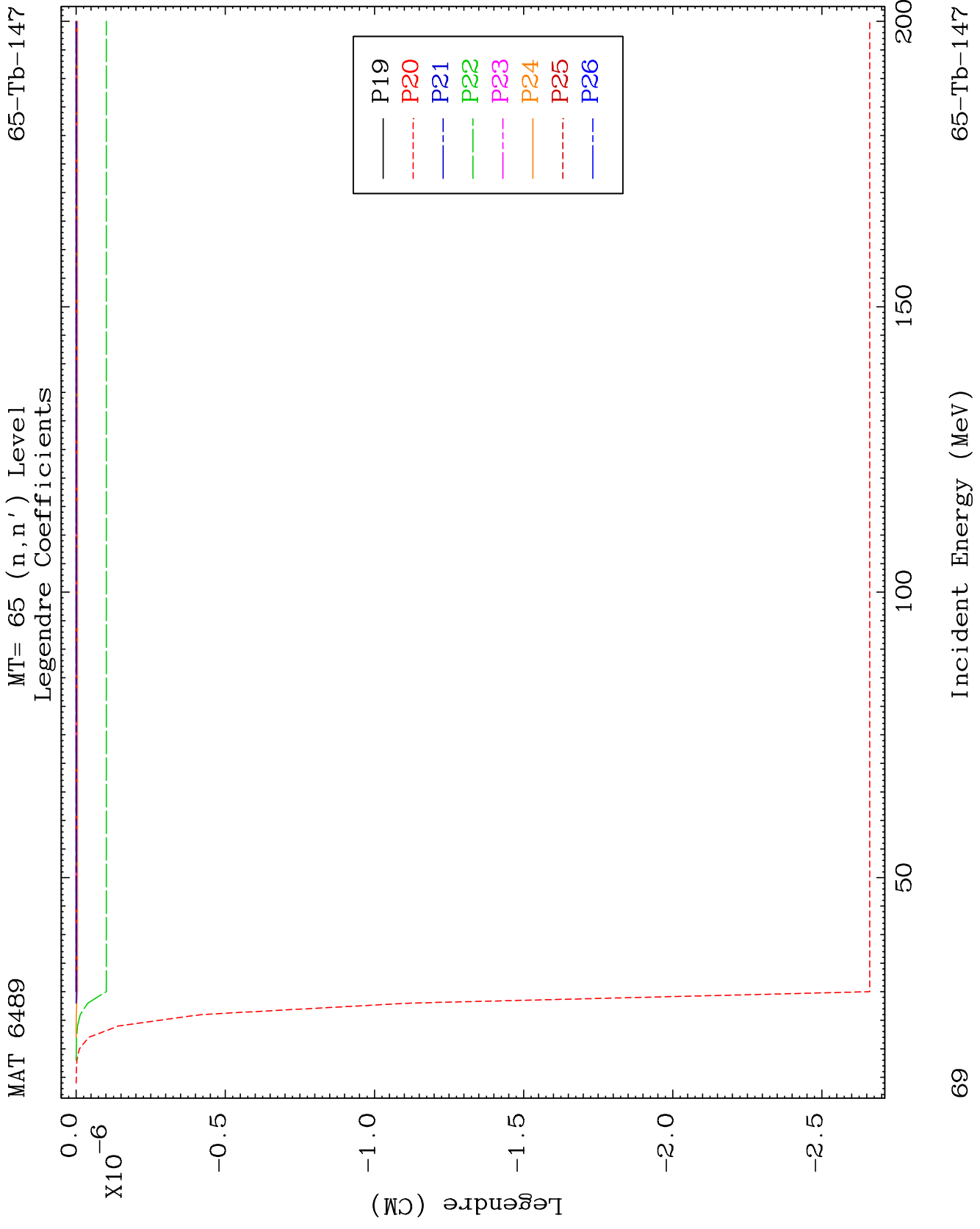
65-Tb-147



68

Incident Energy (MeV)

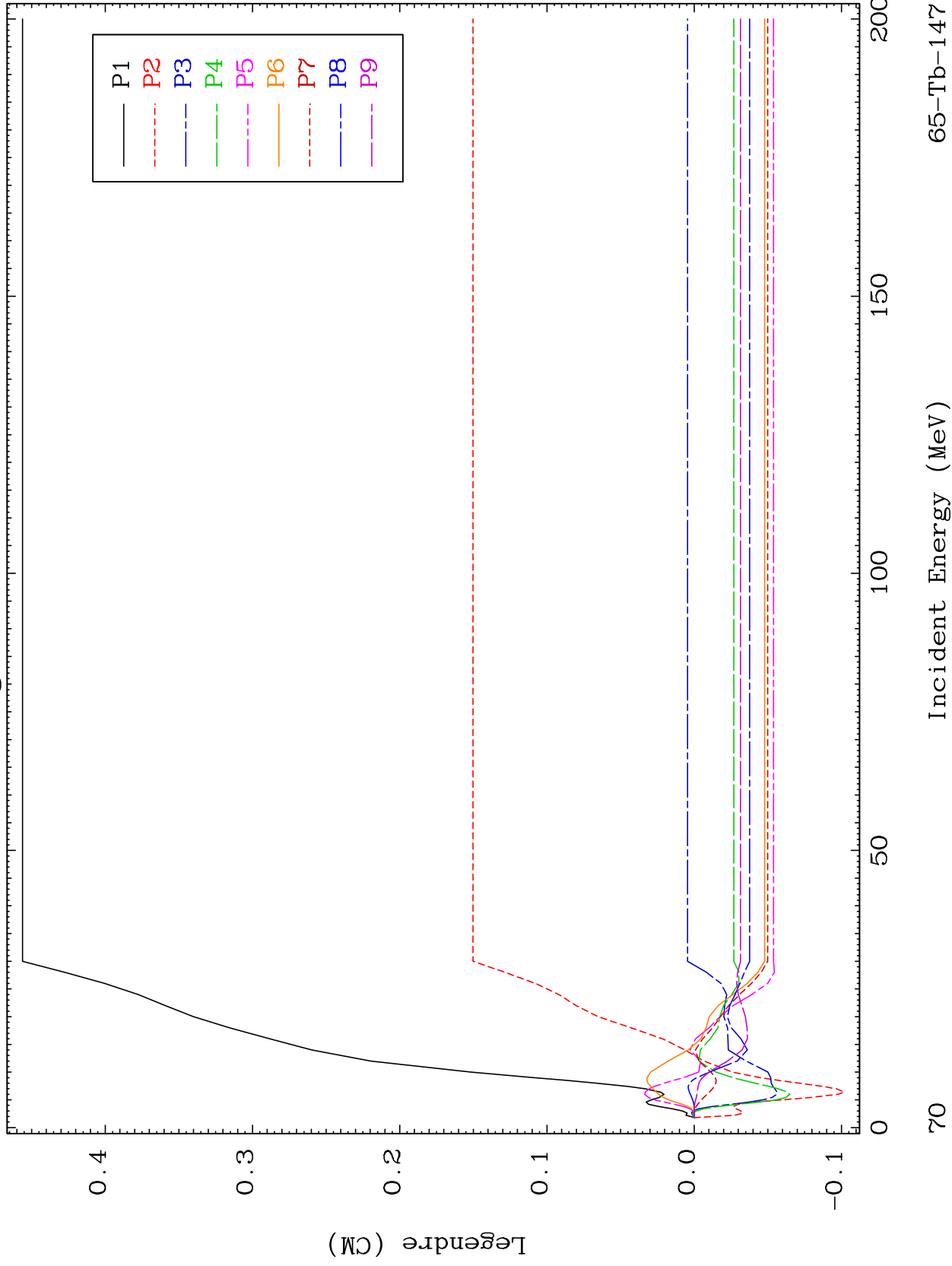
65-Tb-147



MAT 6489

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

65-Tb-147

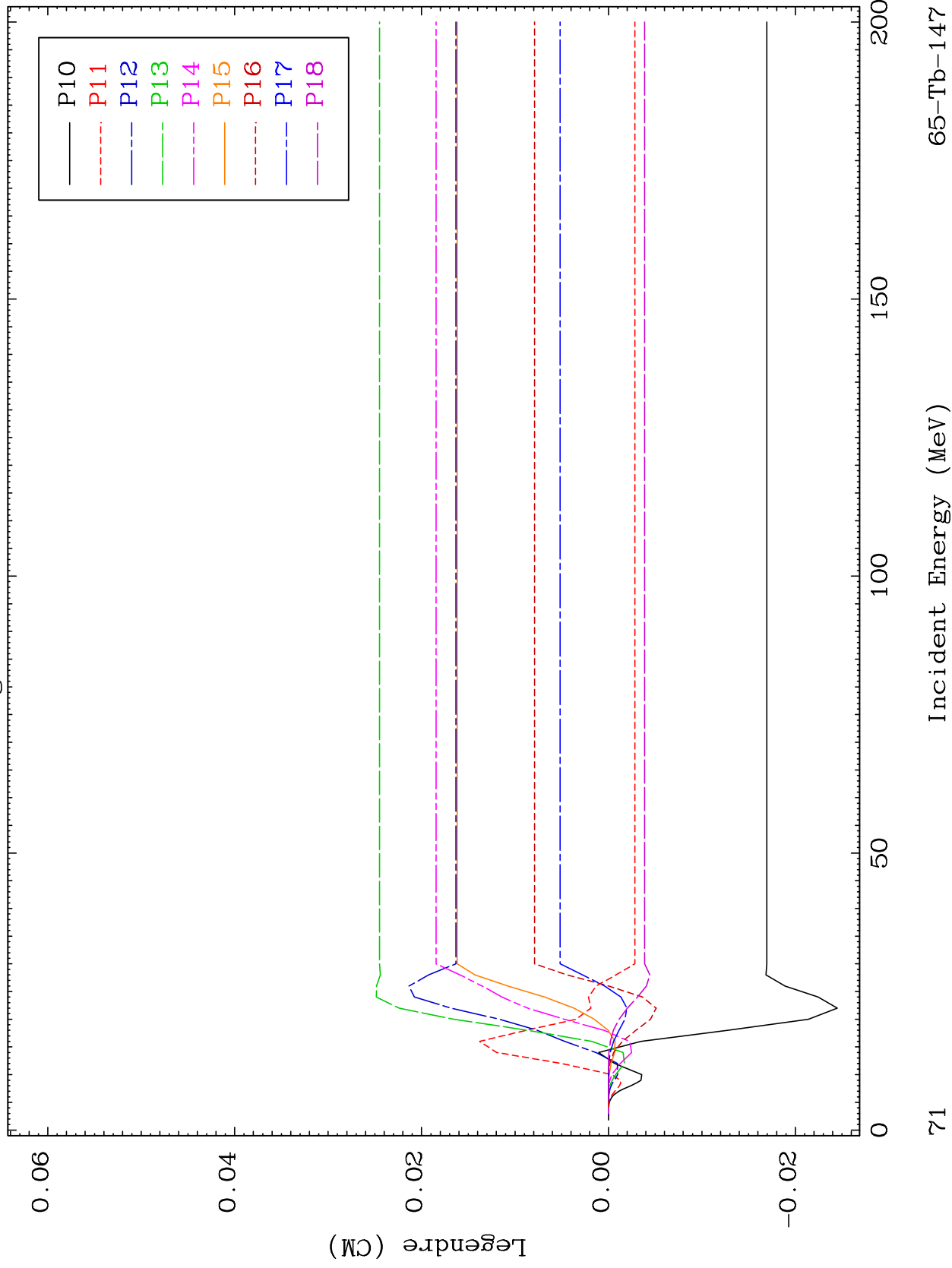


65-Tb-147

MAT 6489

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

65-Tb-147

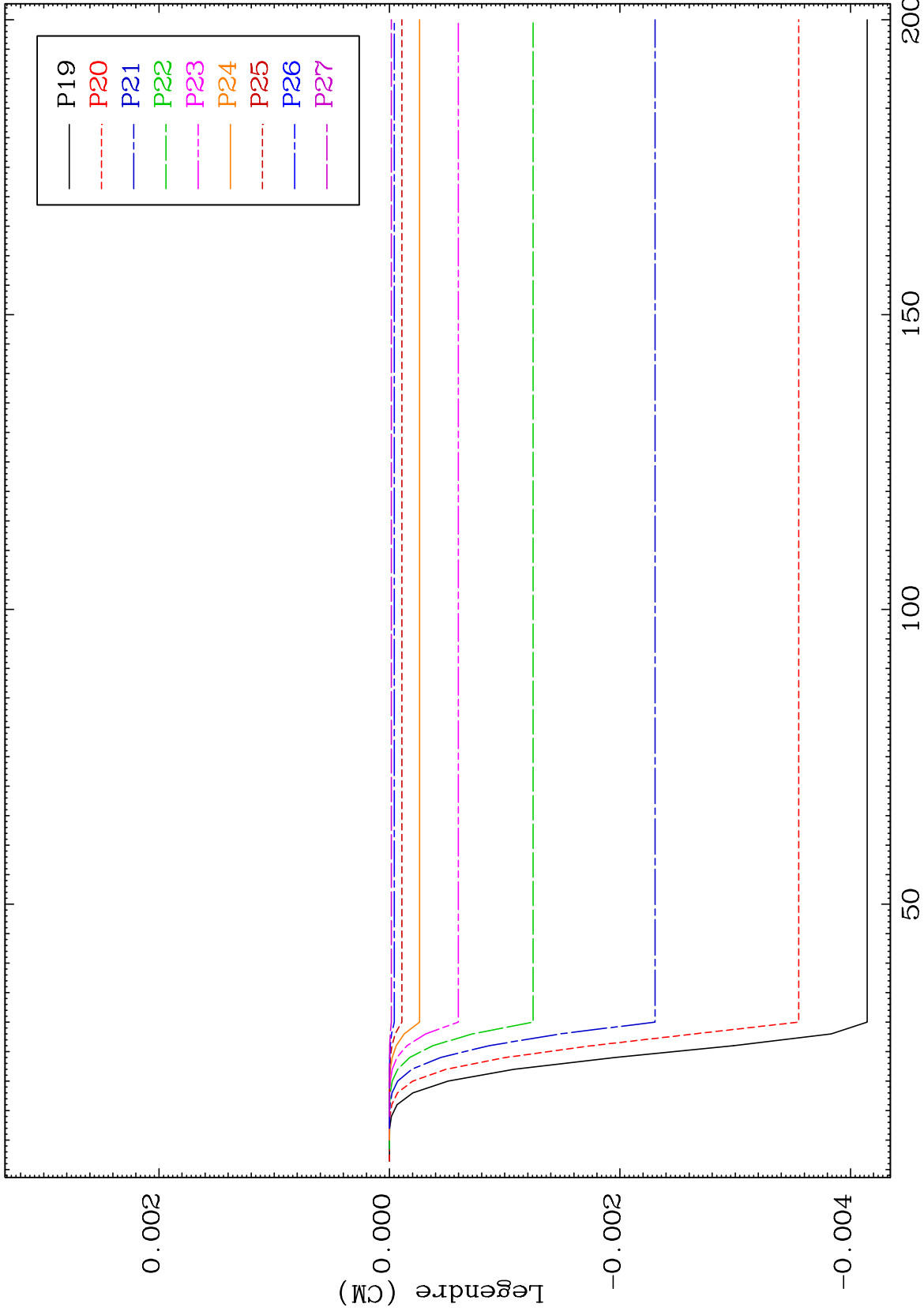




MAT 6489

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

65-Tb-147



72

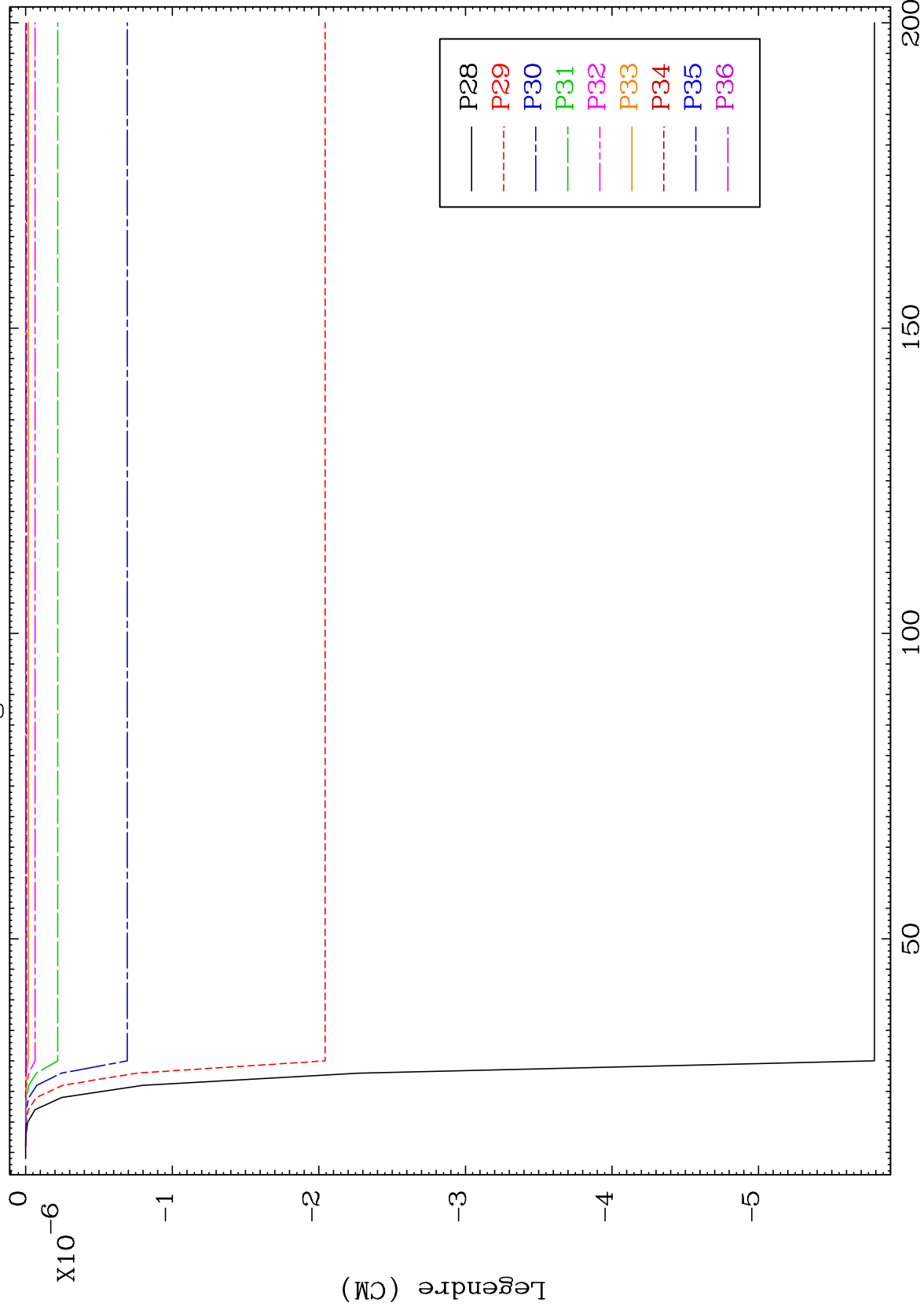
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

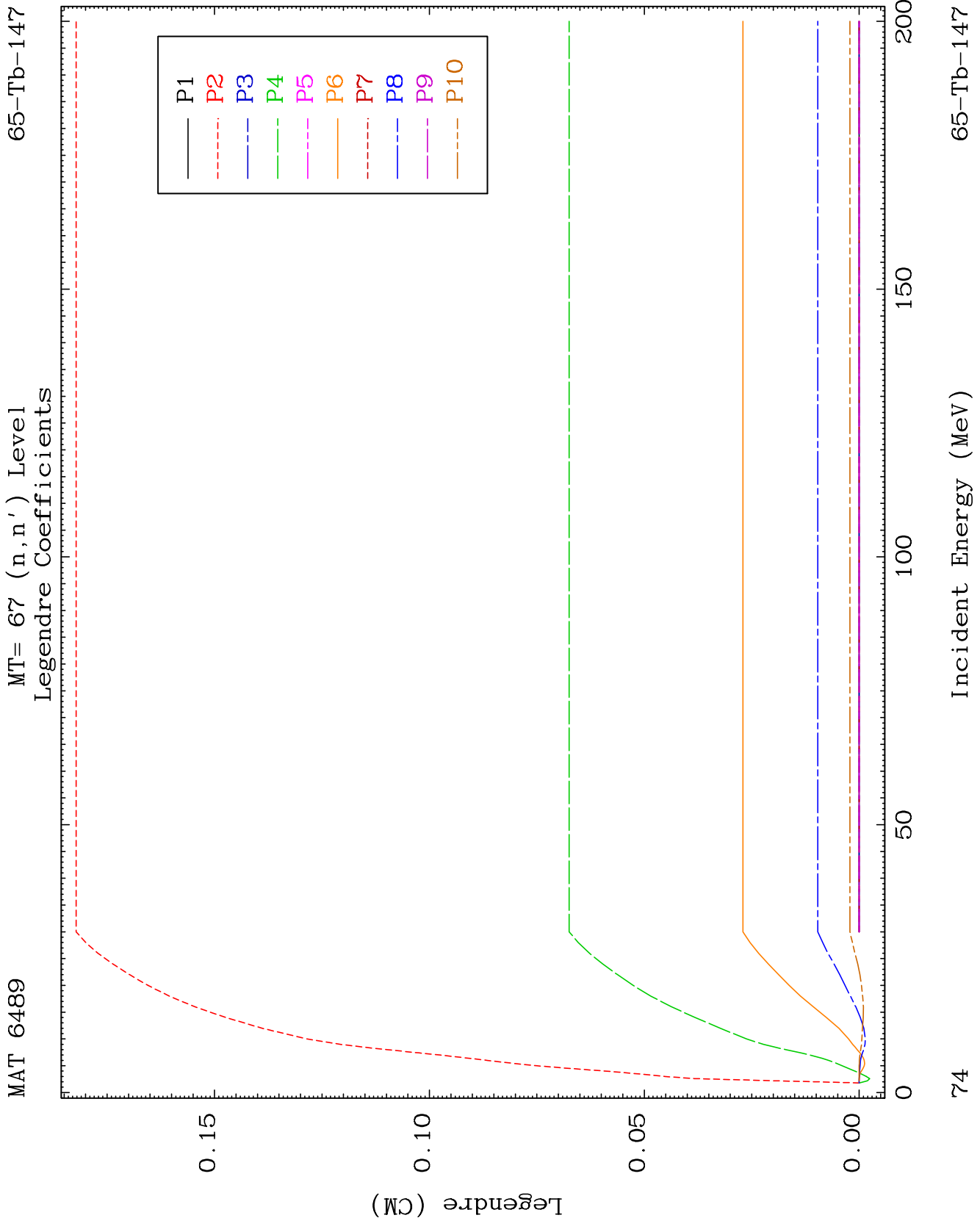
65-Tb-147



73

Incident Energy (MeV)

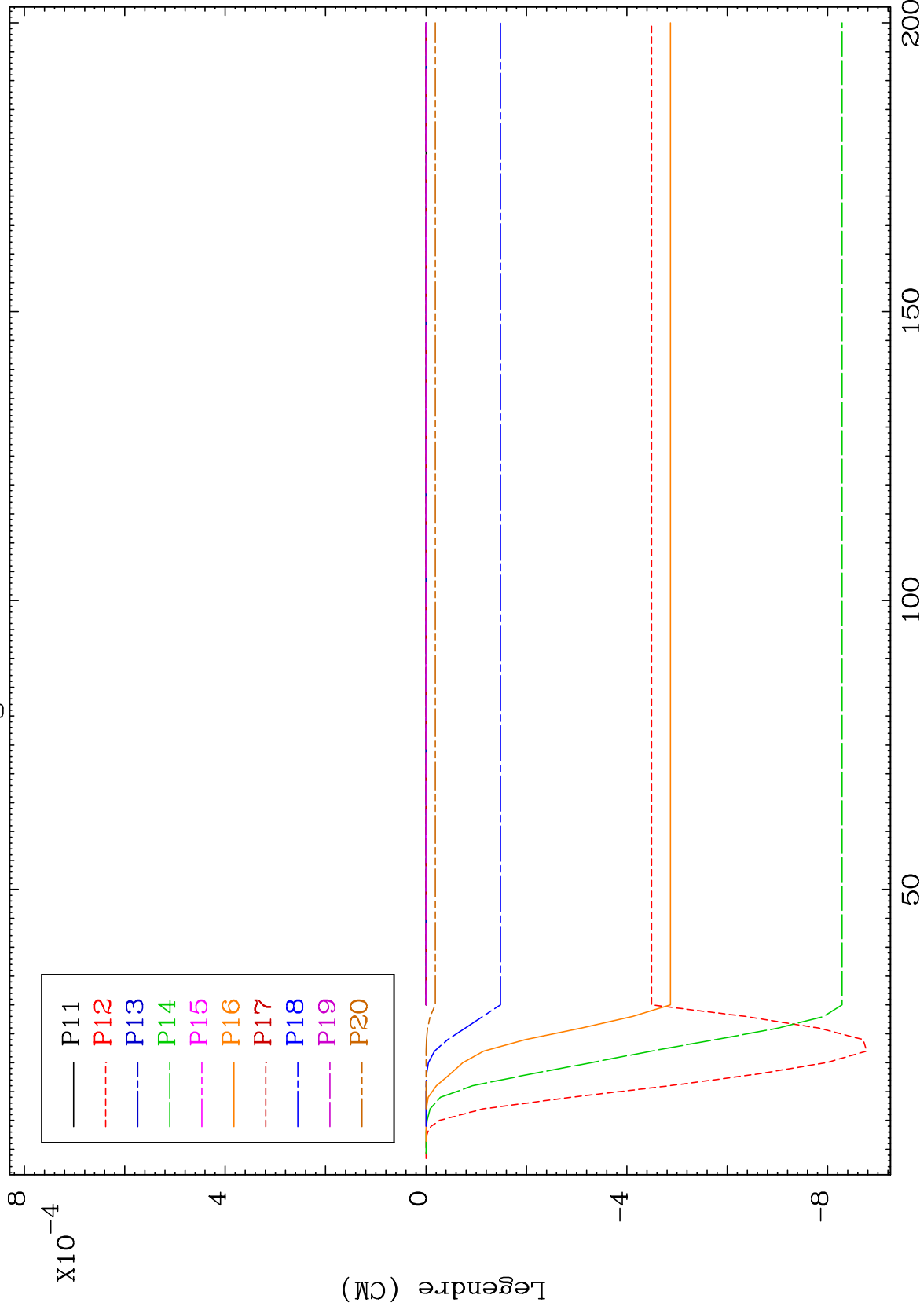
65-Tb-147



MAT 6489

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

65-Tb-147



75

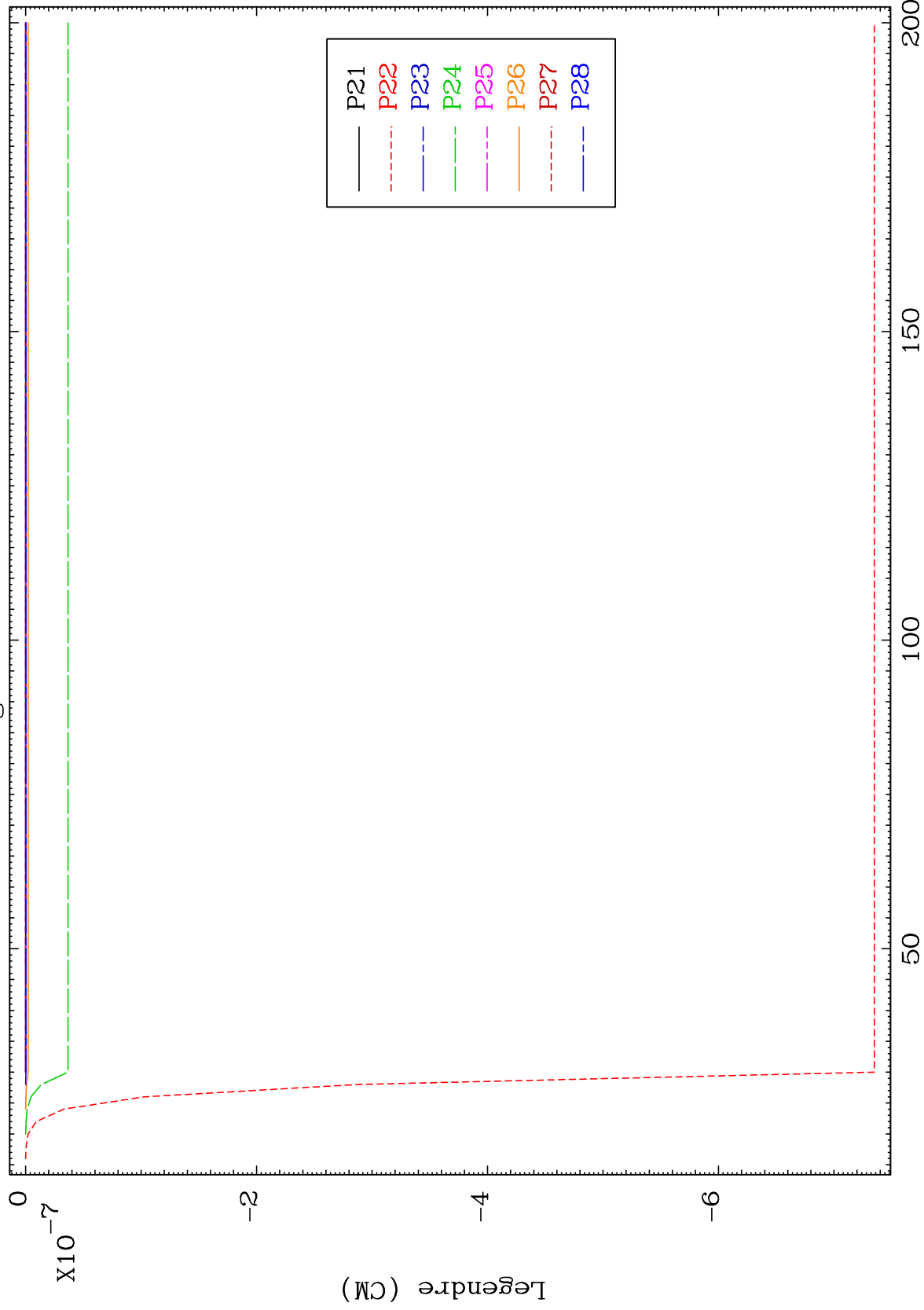
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

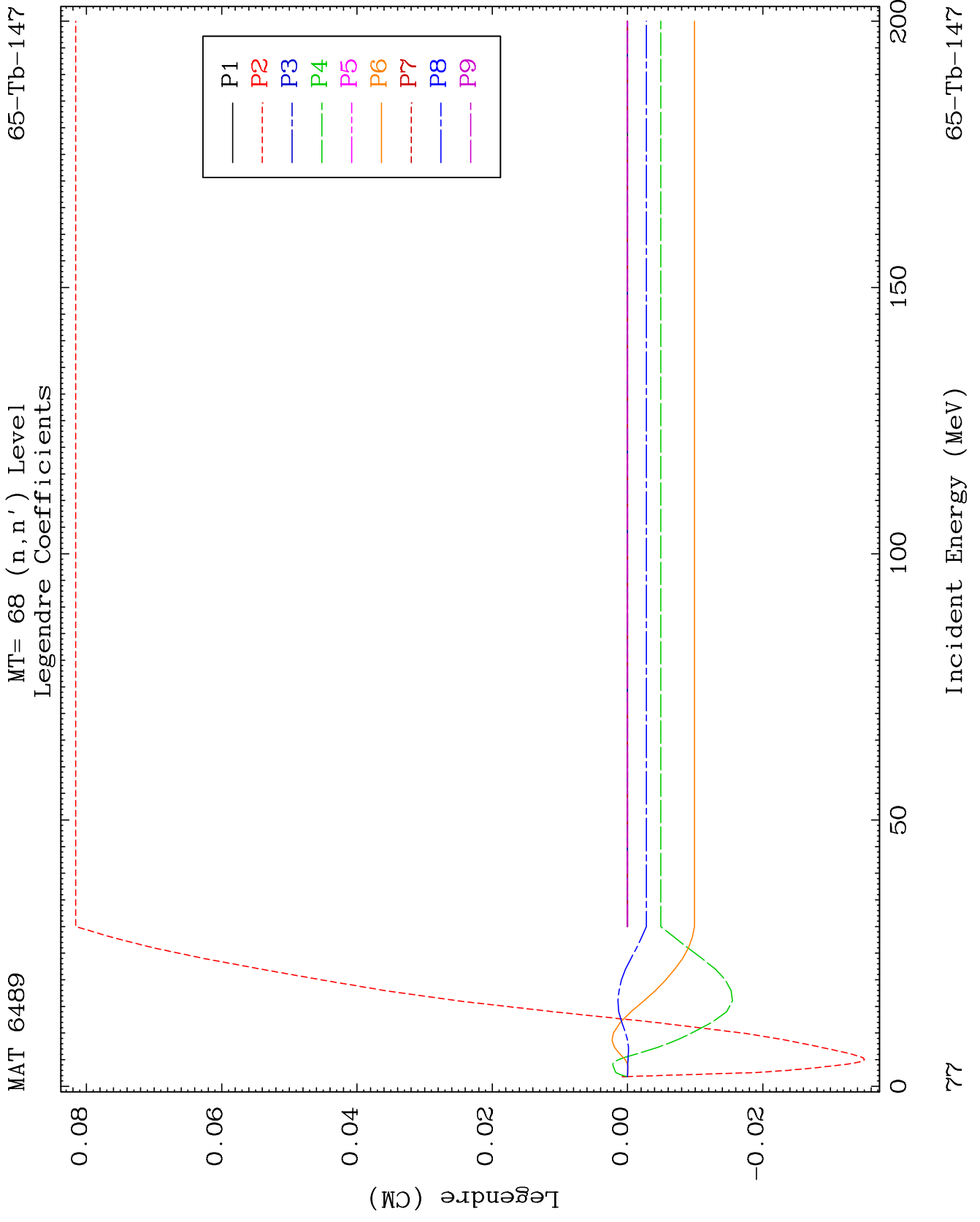
65-Tb-147



76

Incident Energy (MeV)

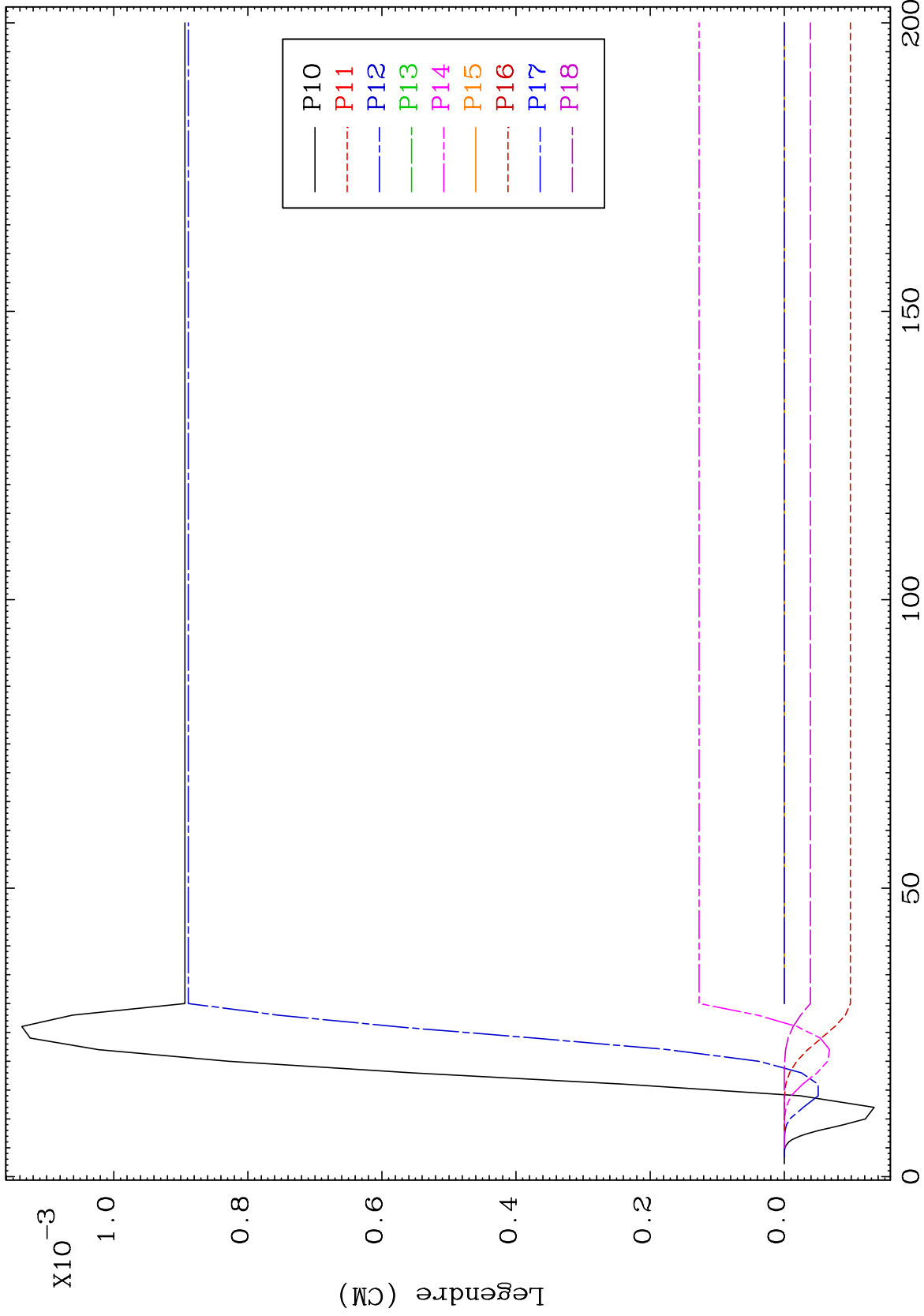
65-Tb-147



MAT 6489

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

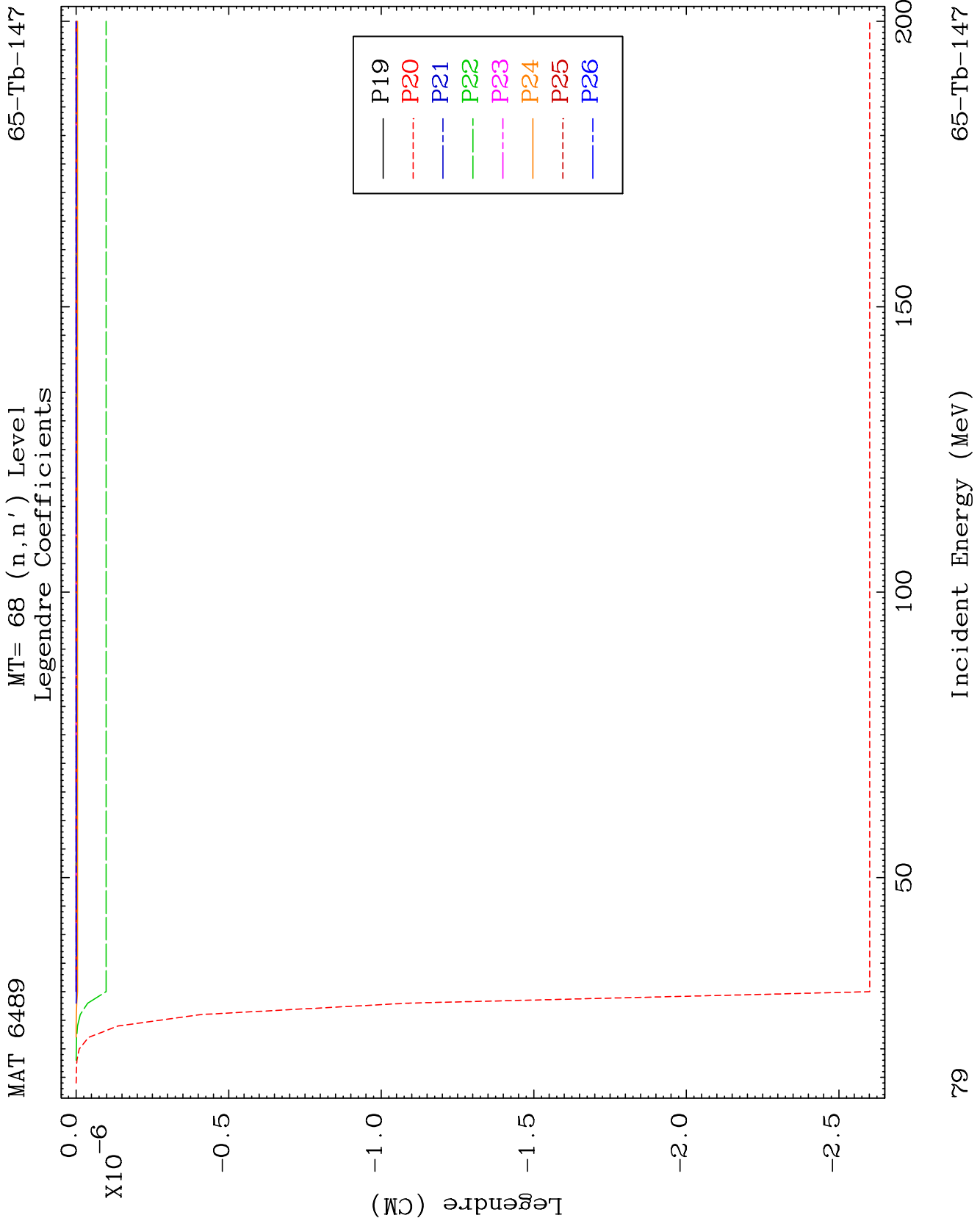
65-Tb-147



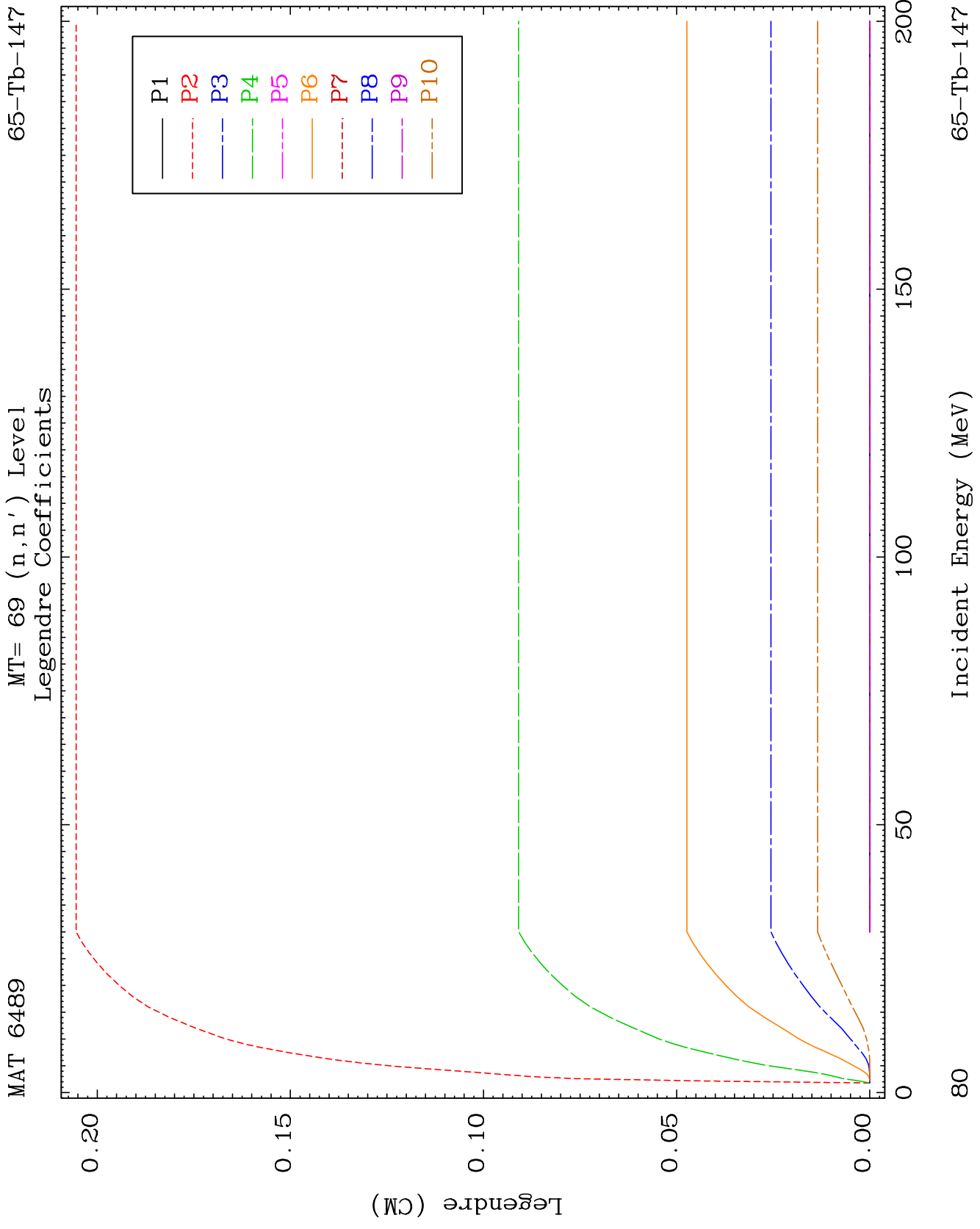
78

Incident Energy (MeV)

65-Tb-147





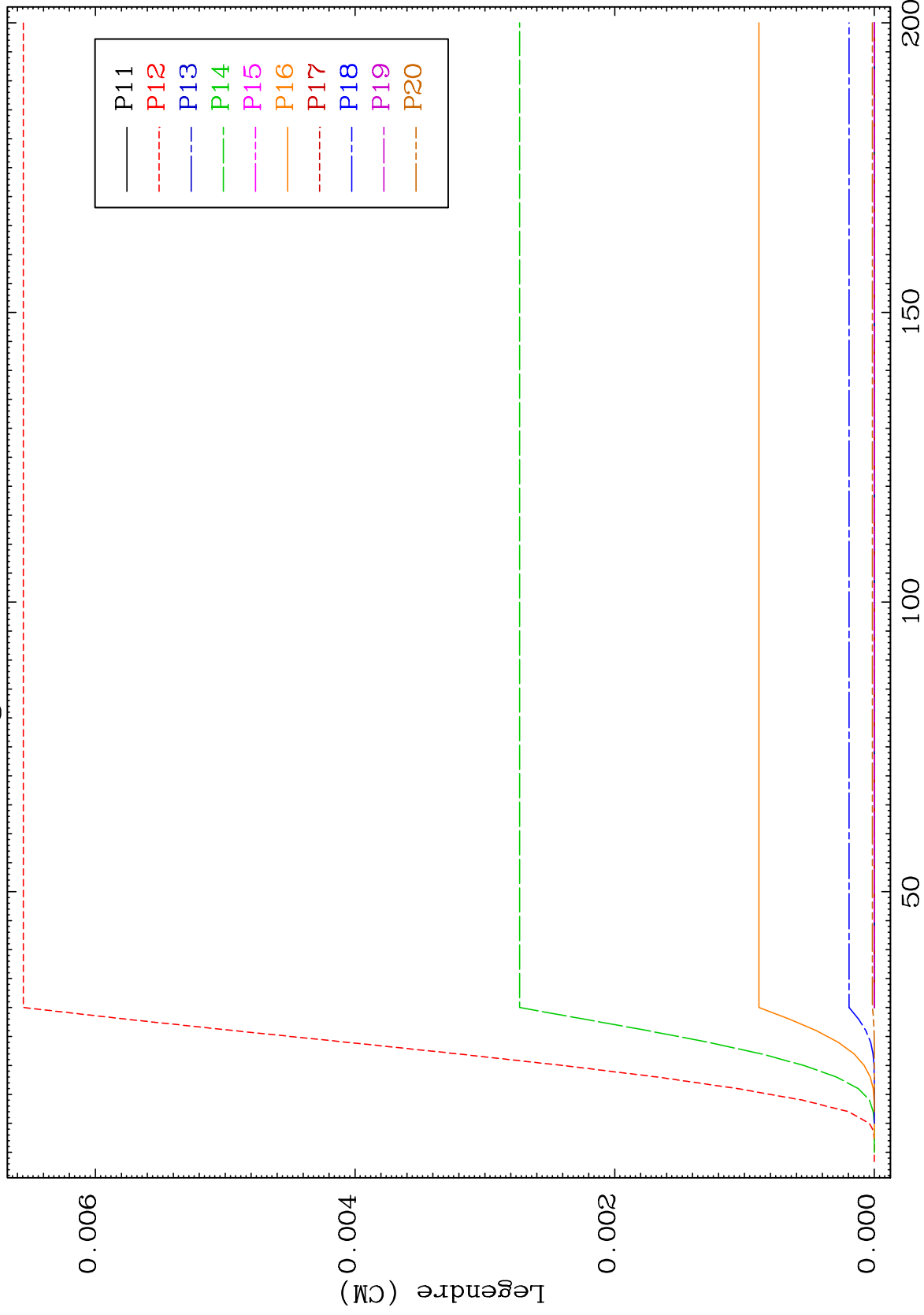


MAT 6489

MT= 69 (n,n') Level

65-Tb-147

Legendre Coefficients



81

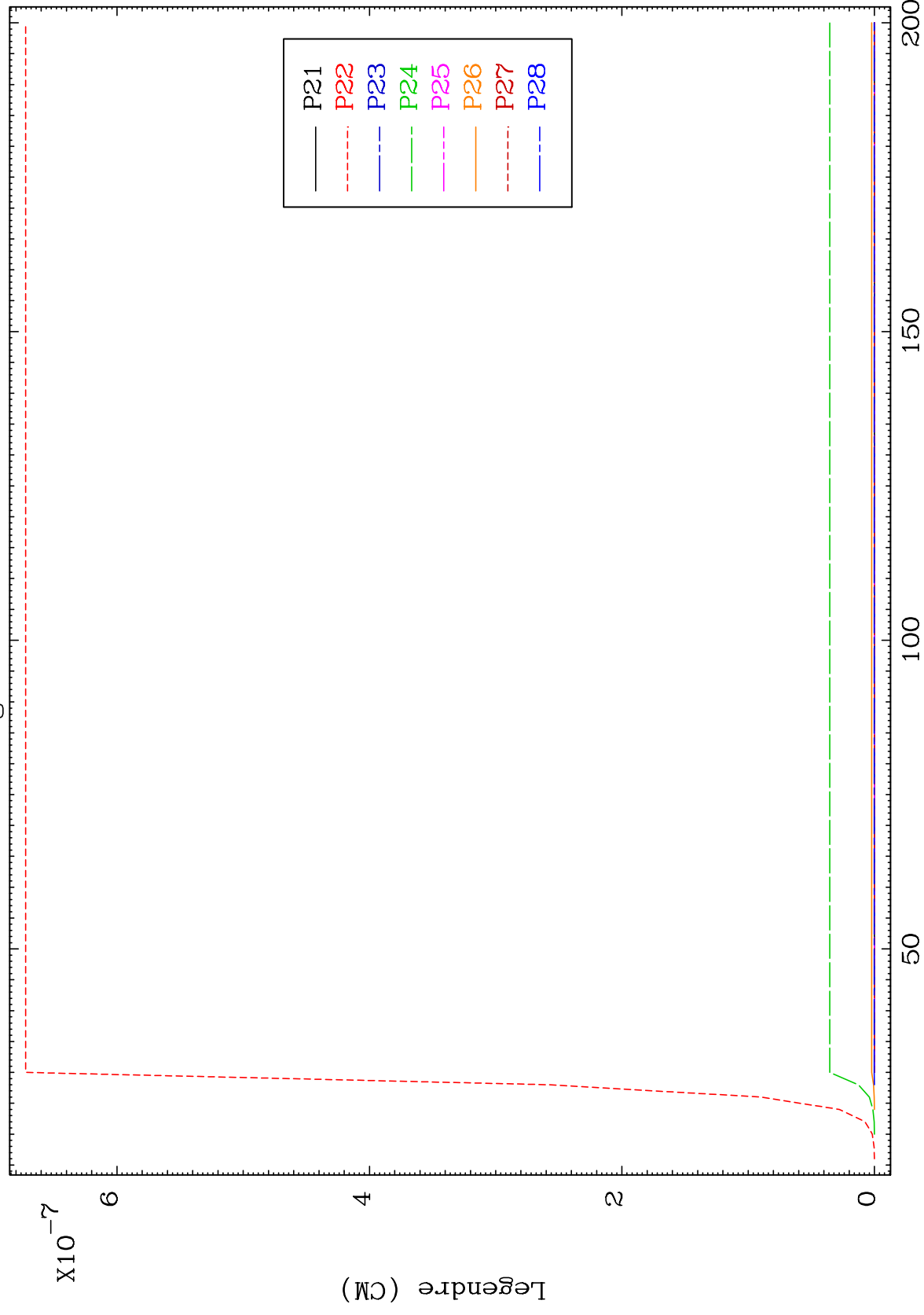
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



82

Incident Energy (MeV)

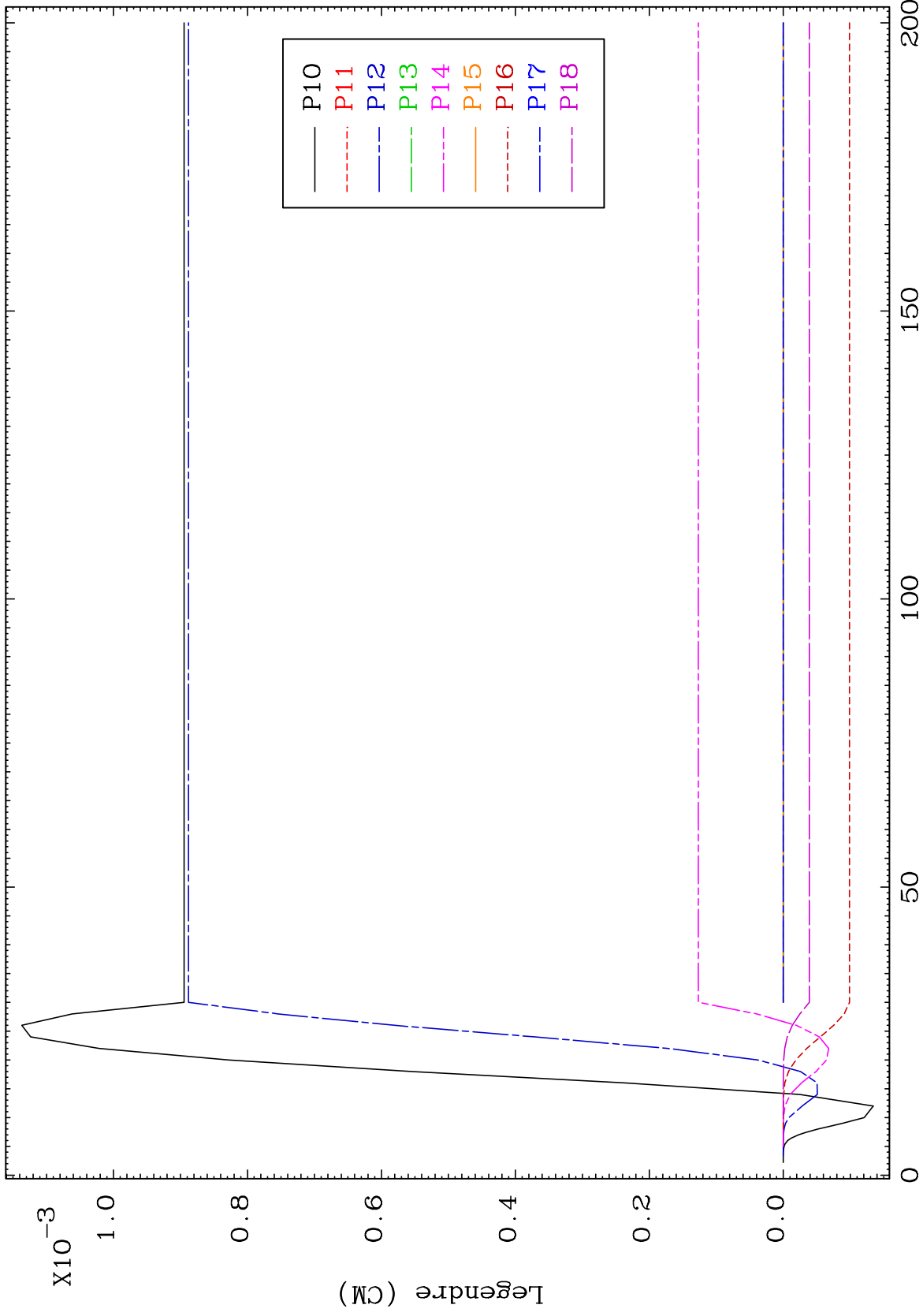
65-Tb-147



MAT 6489

MT= 70 (n,n') Level  
Legendre Coefficients

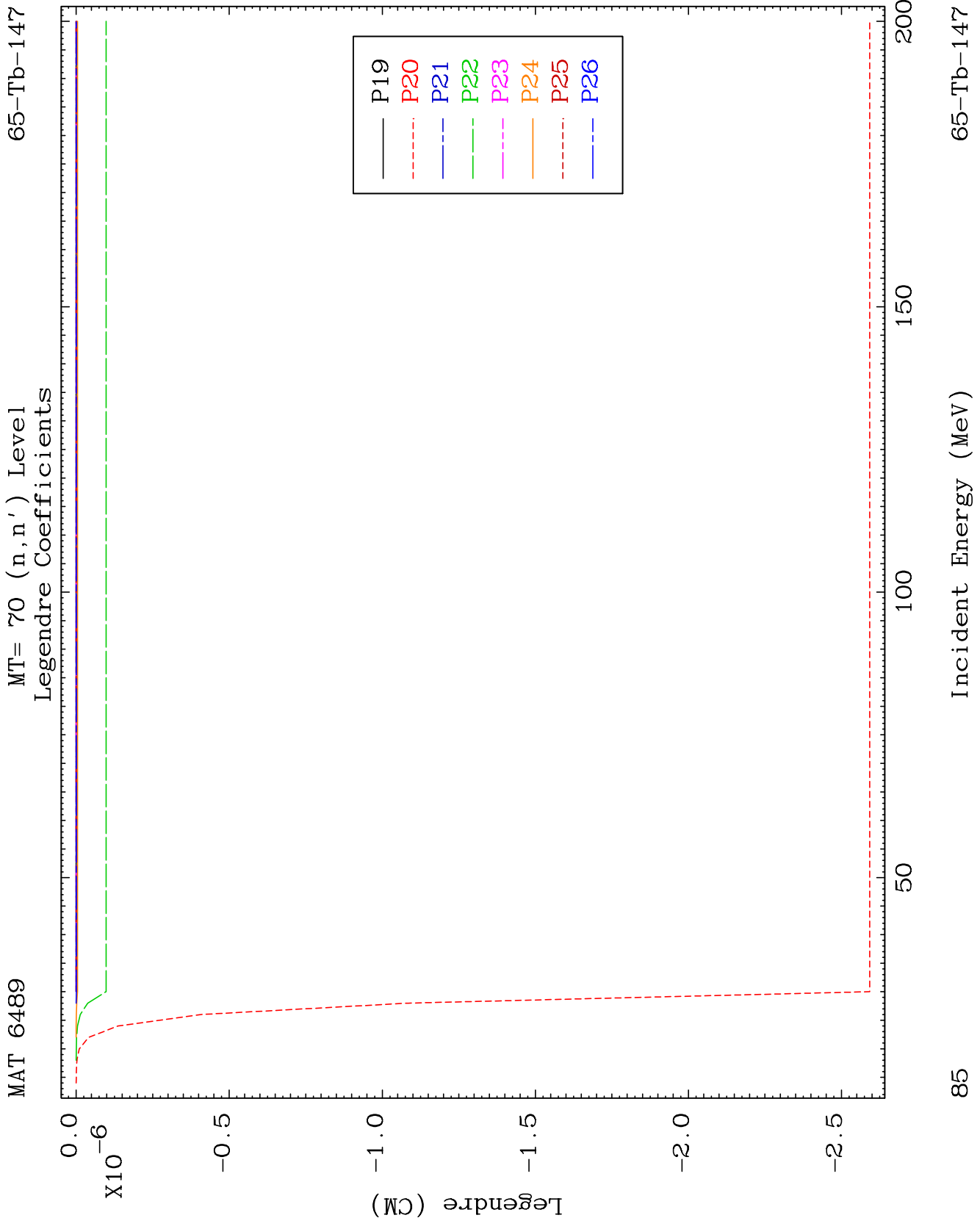
65-Tb-147



84

Incident Energy (MeV)

65-Tb-147

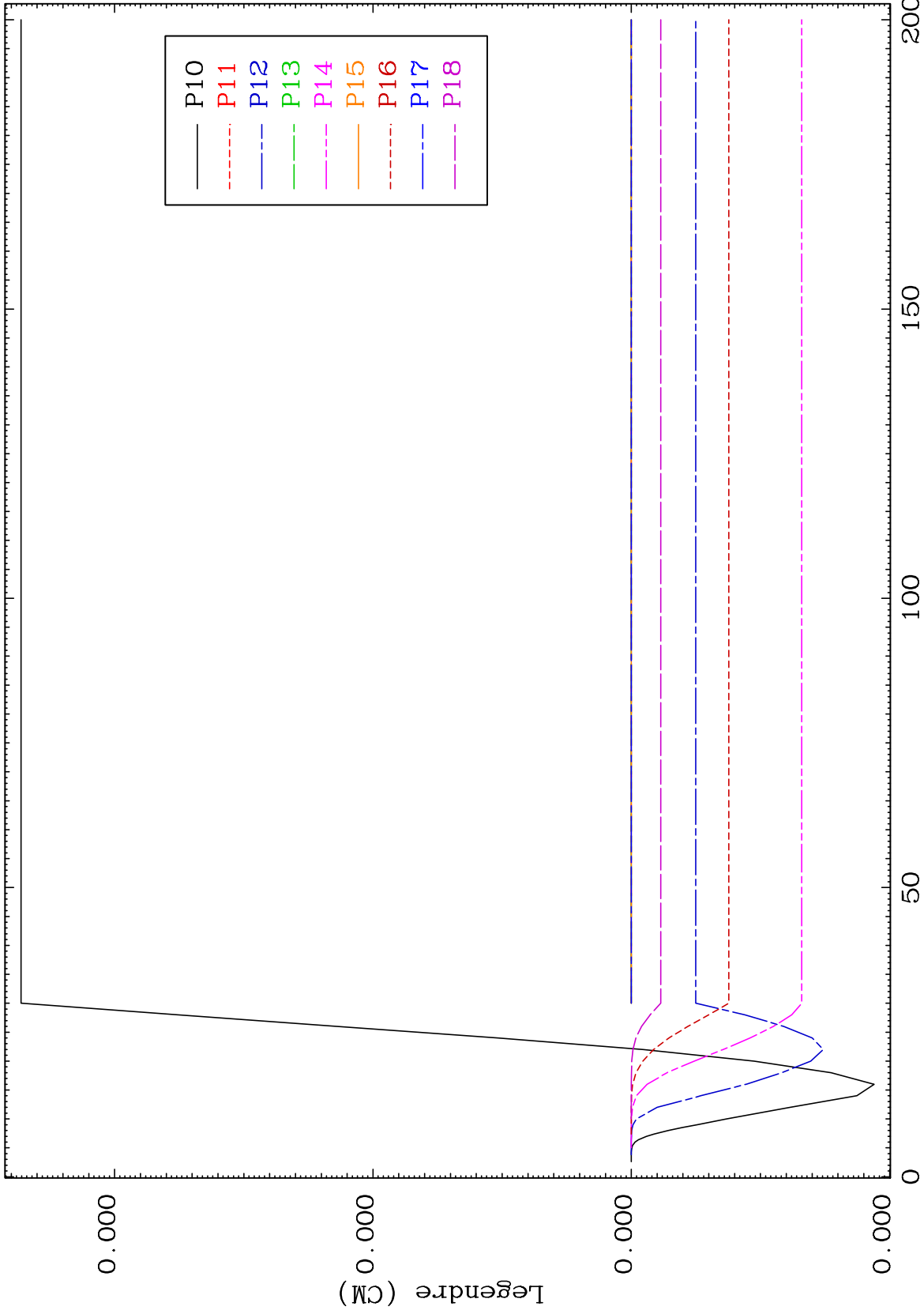




MAT 6489

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

65-Tb-147

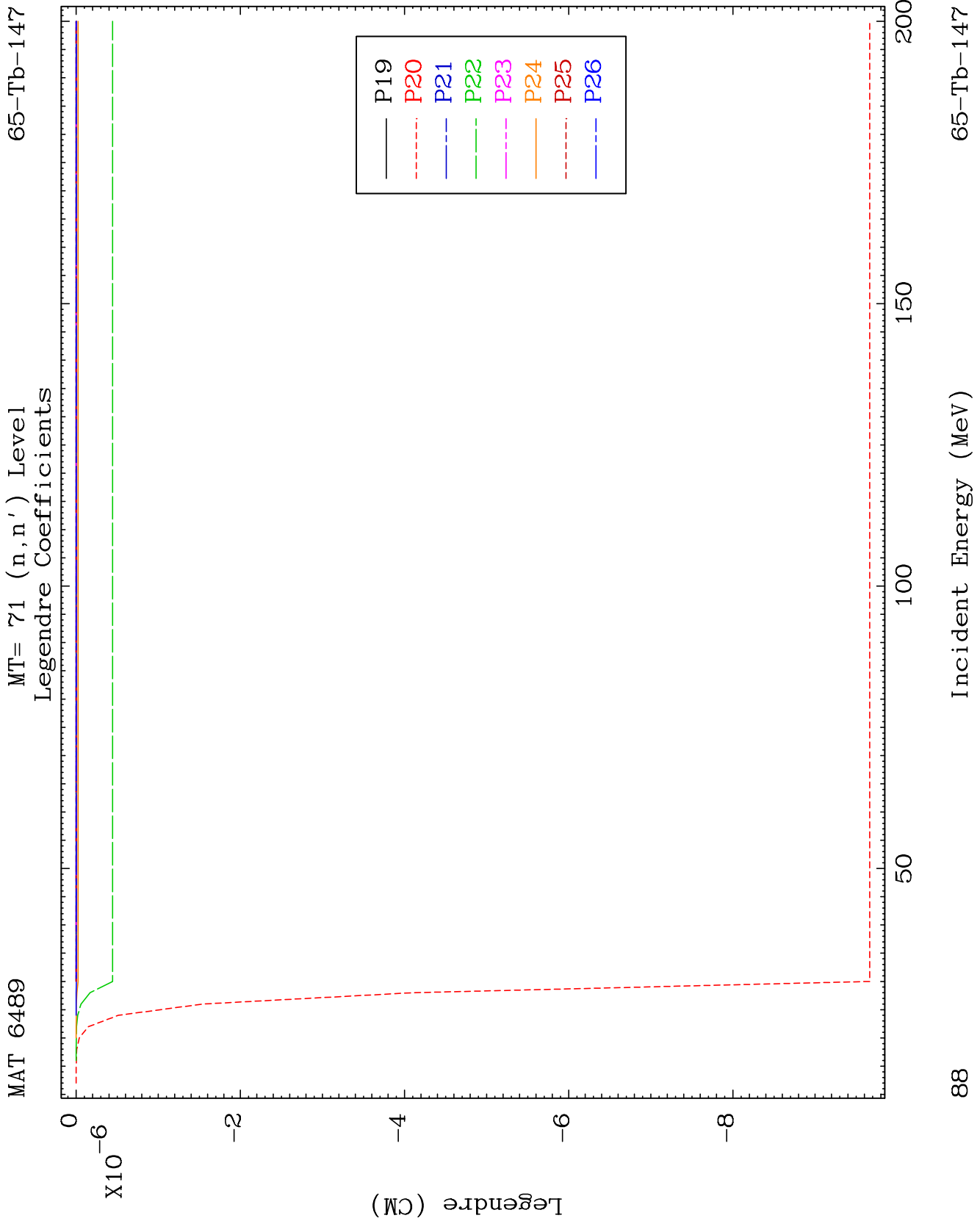


87

Incident Energy (MeV)

65-Tb-147



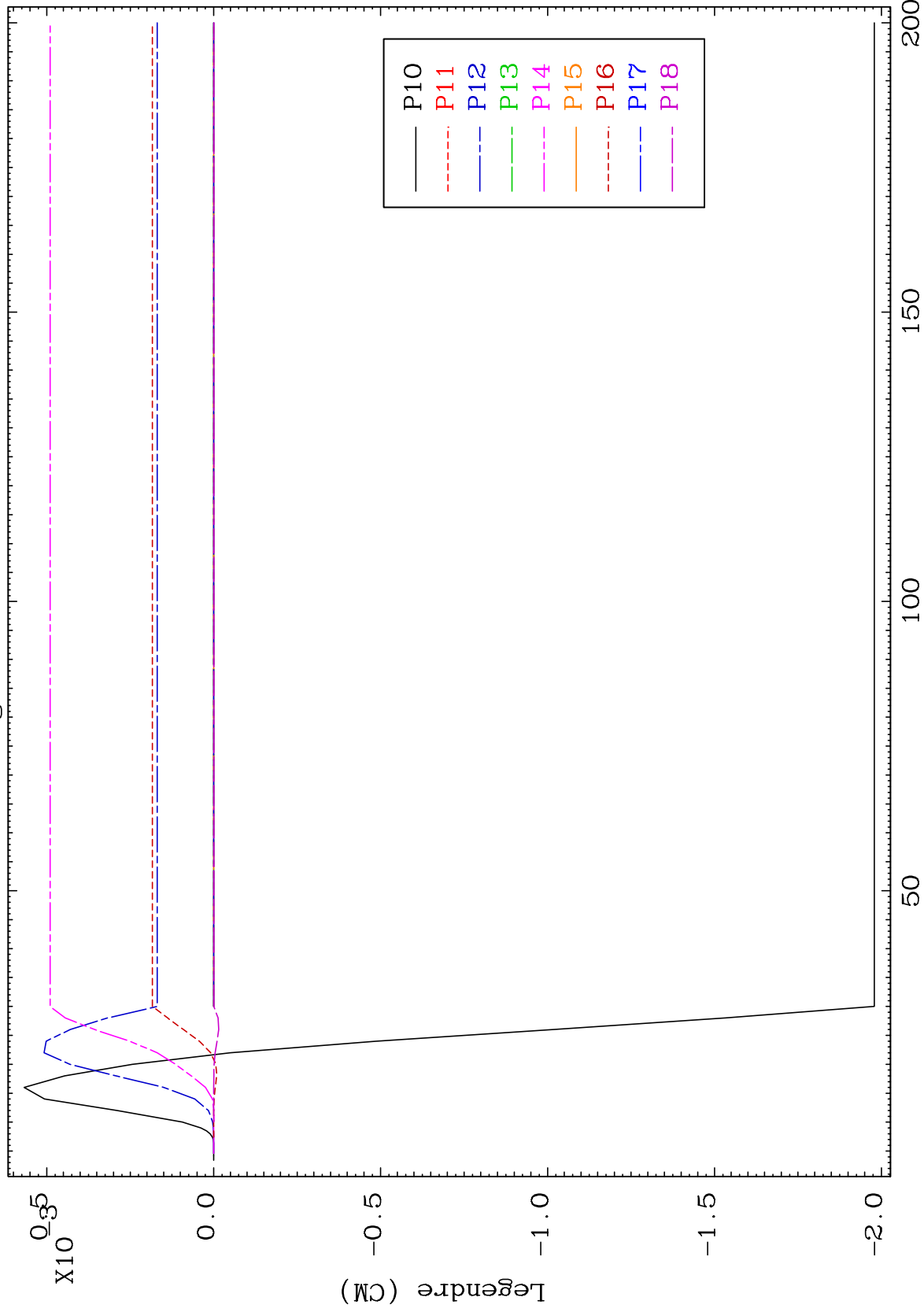




MAT 6489

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

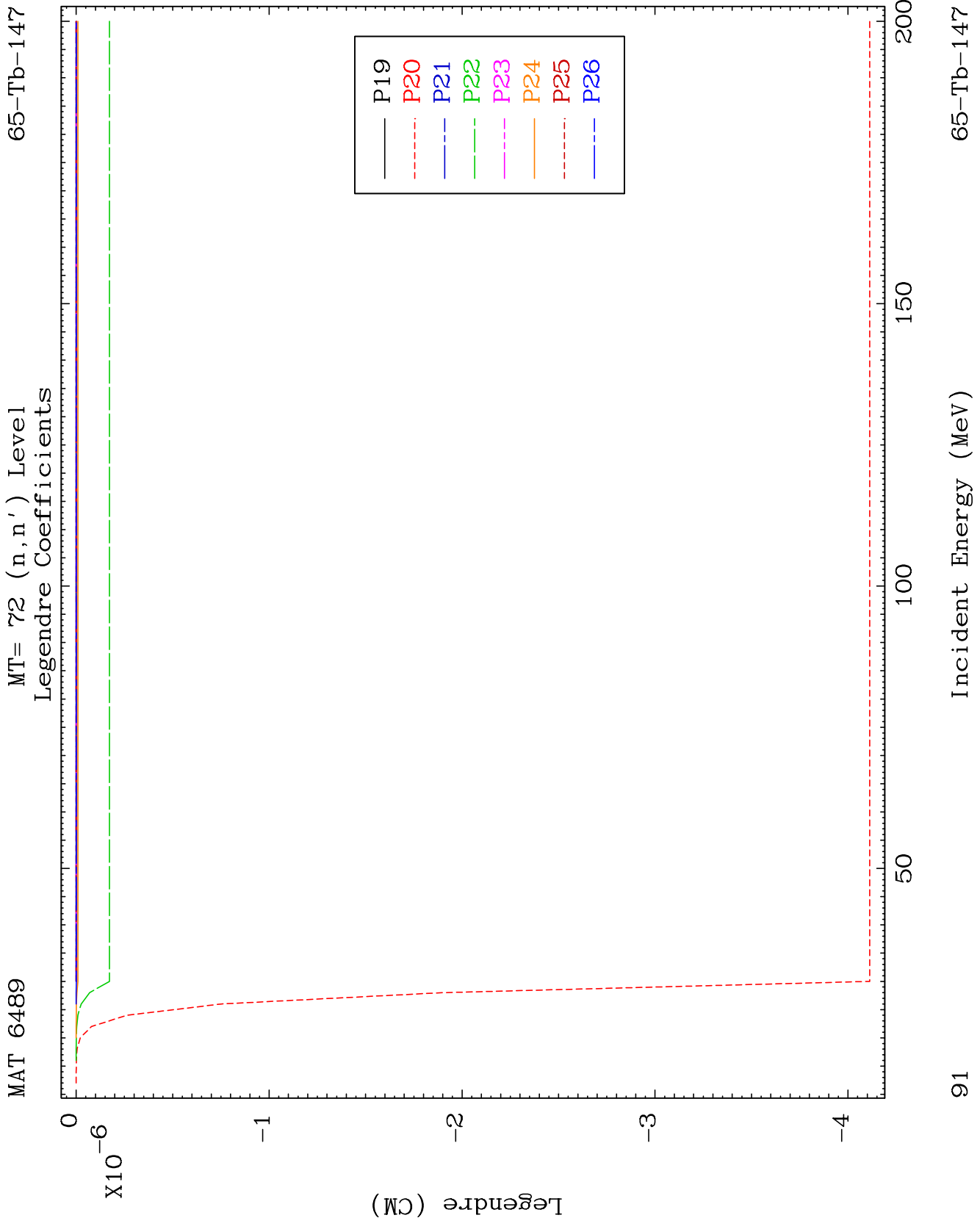
65-Tb-147



90

Incident Energy (MeV)

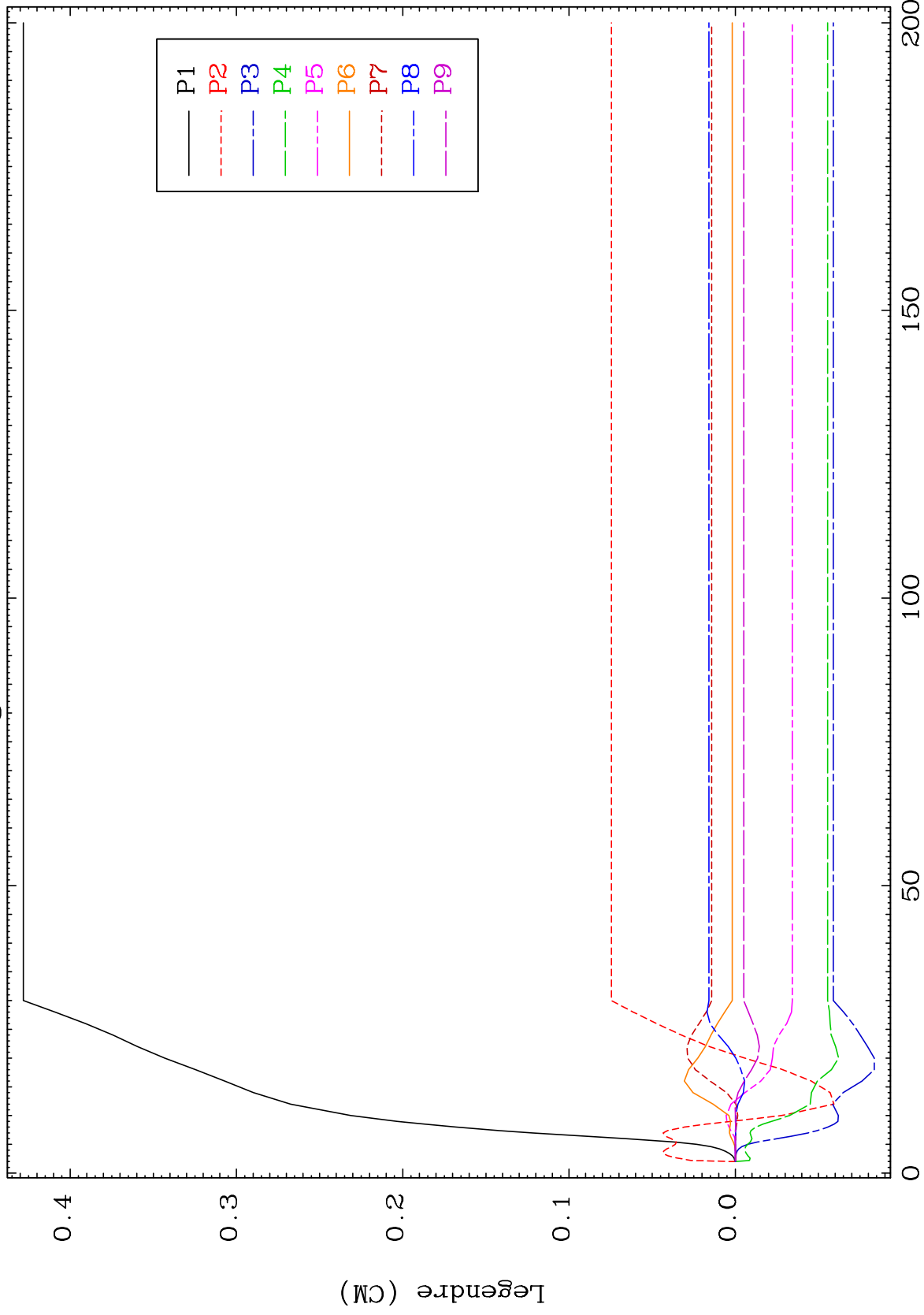
65-Tb-147



MAT 6489

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

65-Tb-147



92

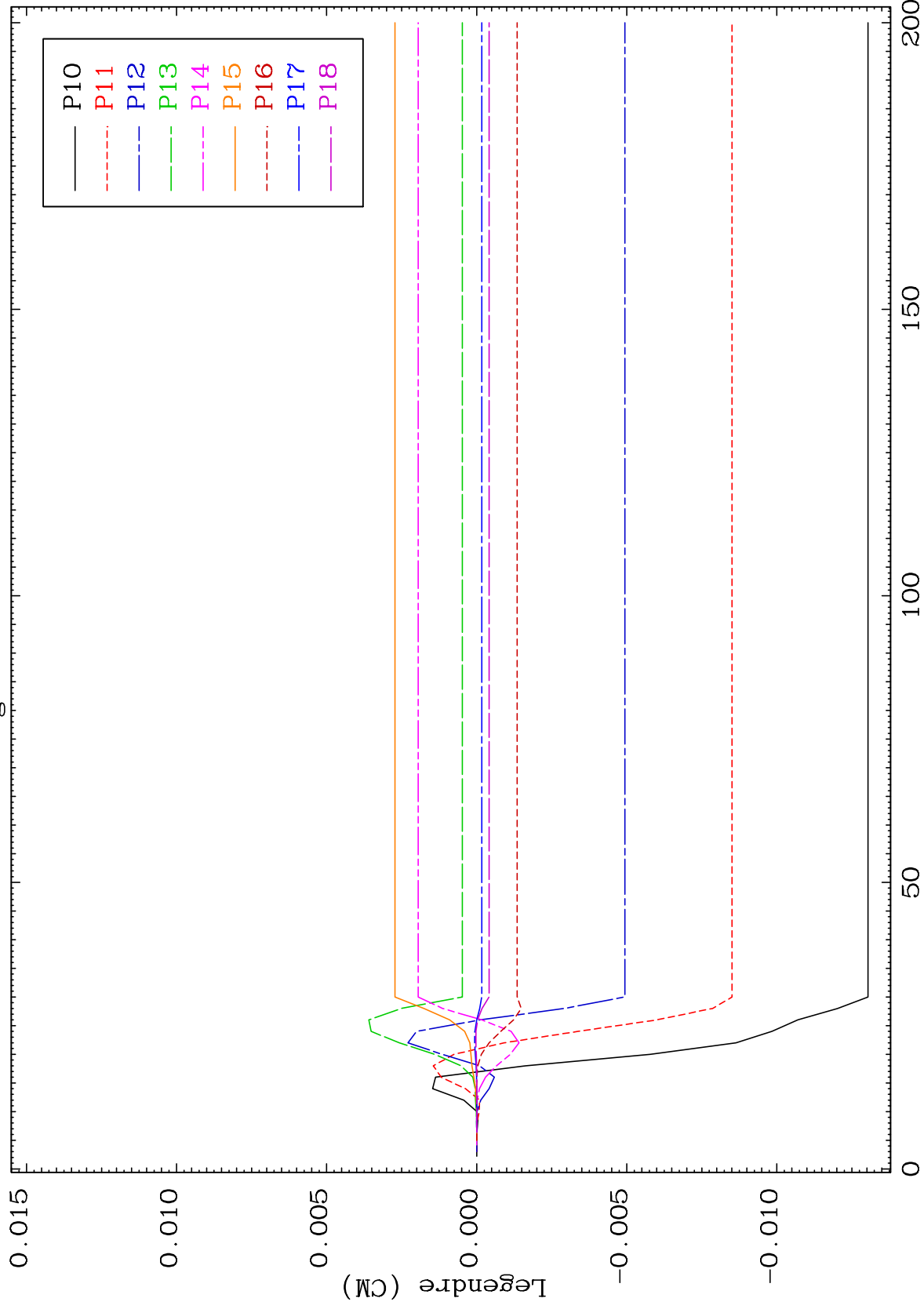
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



93

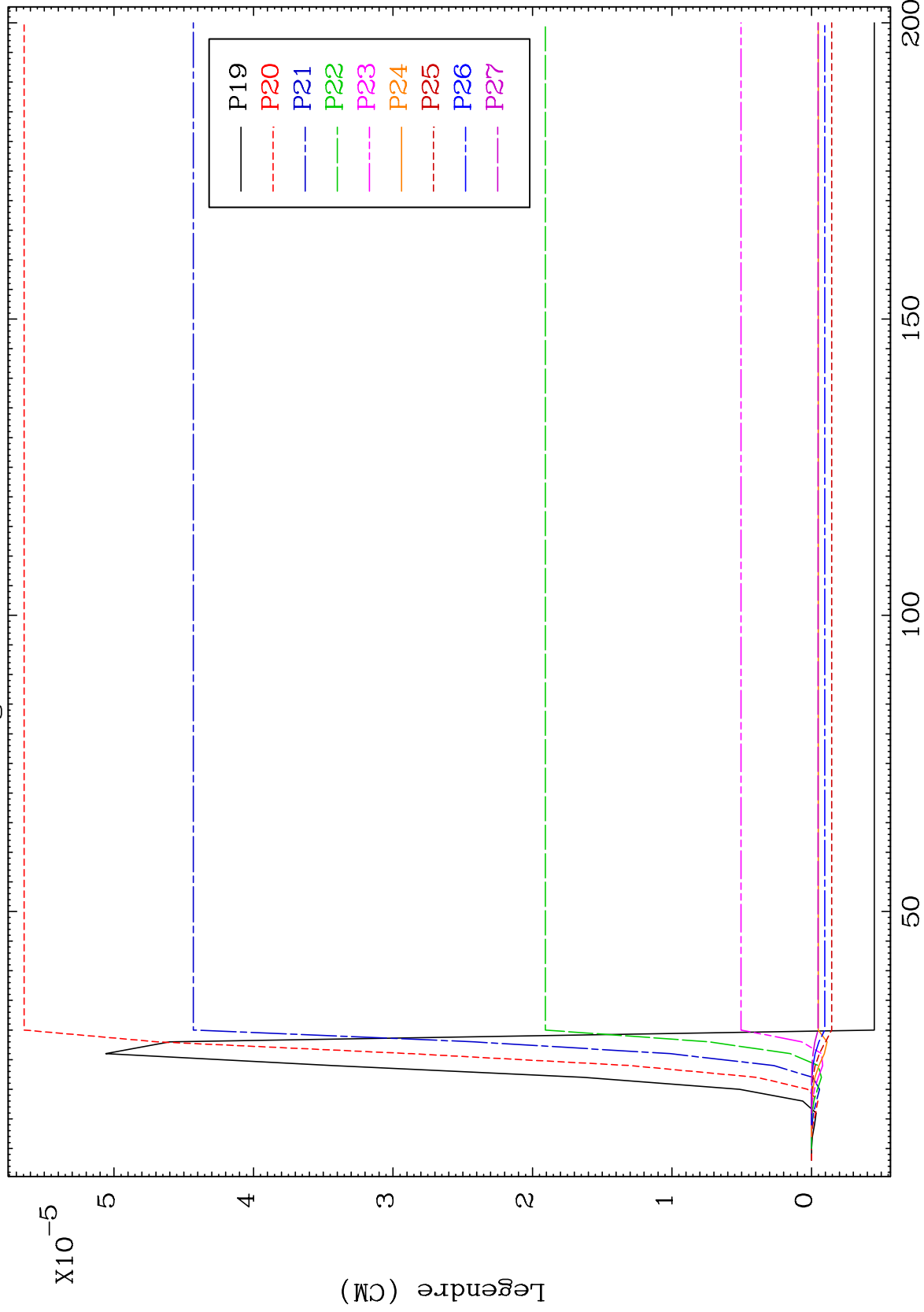
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

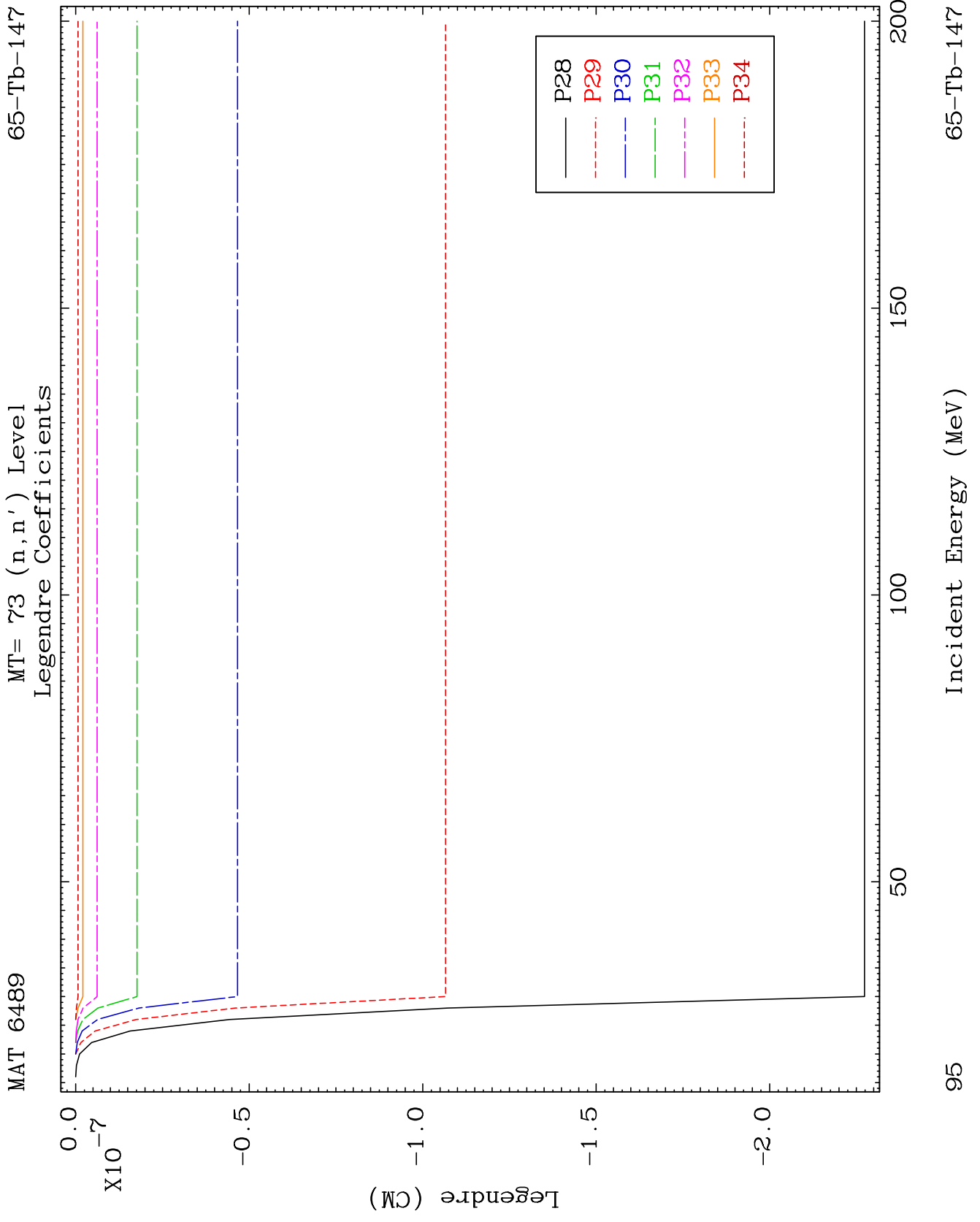
65-Tb-147



94

Incident Energy (MeV)

65-Tb-147

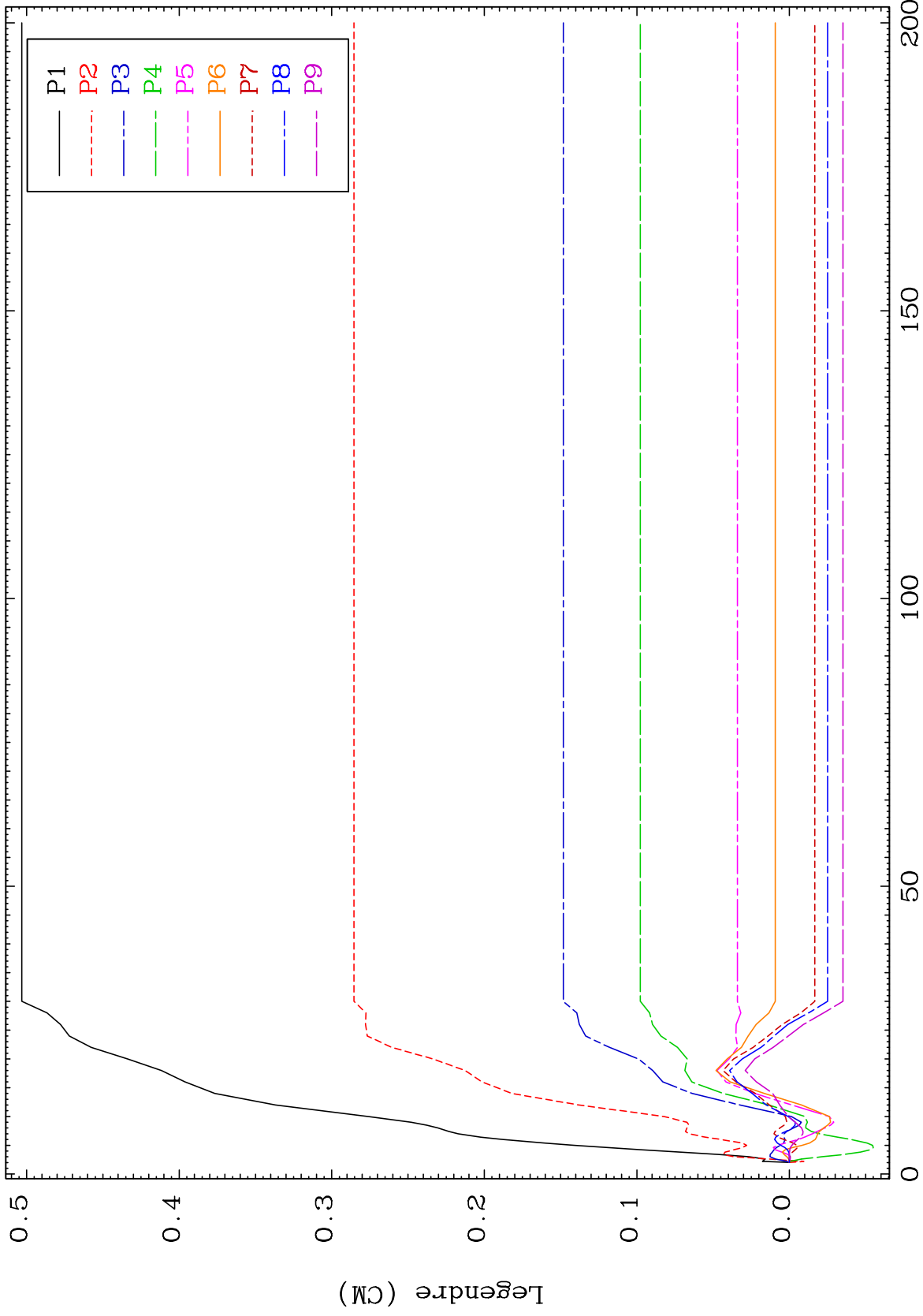




MAT 6489

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

65-Tb-147



96

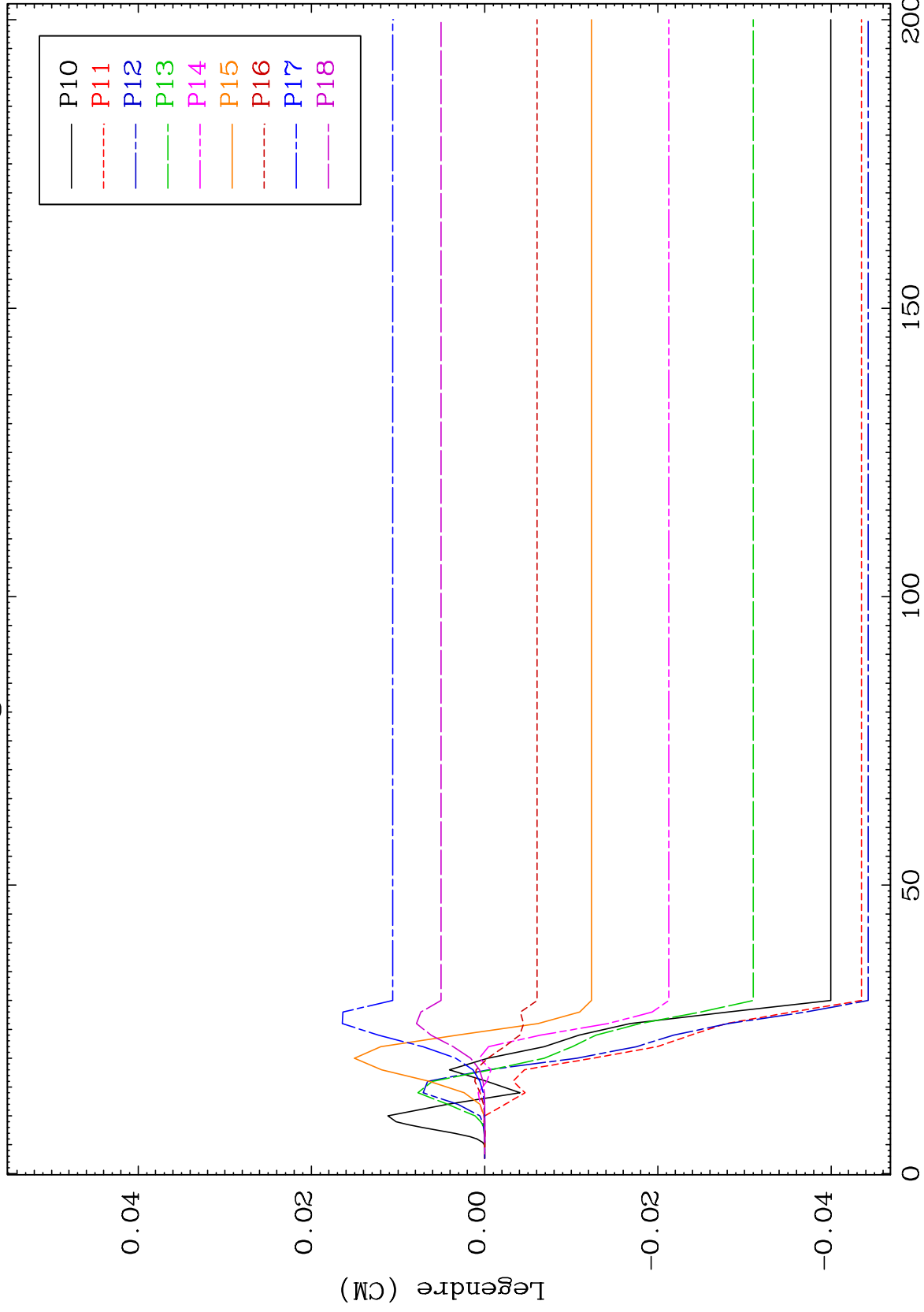
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

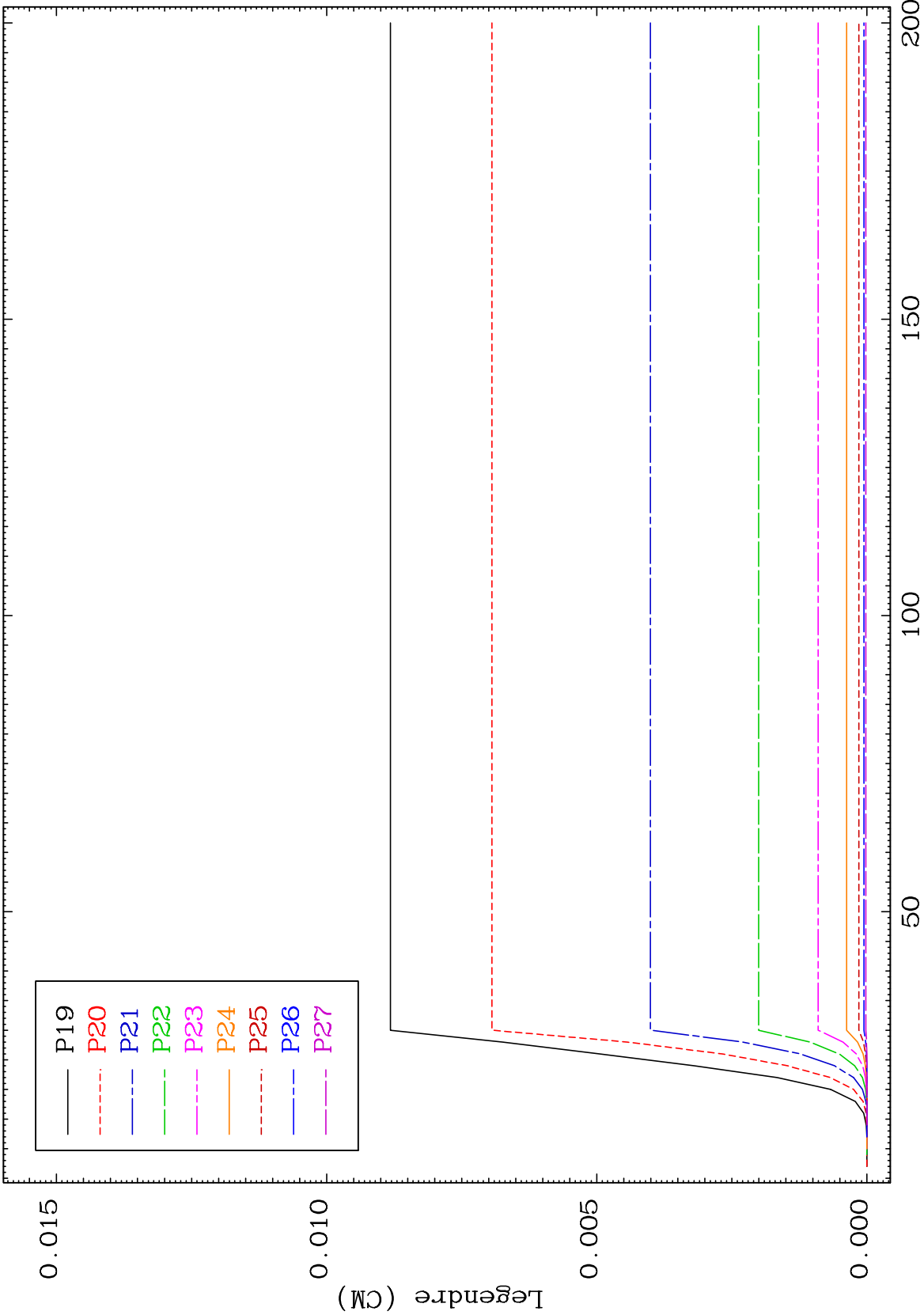
65-Tb-147



97

Incident Energy (MeV)

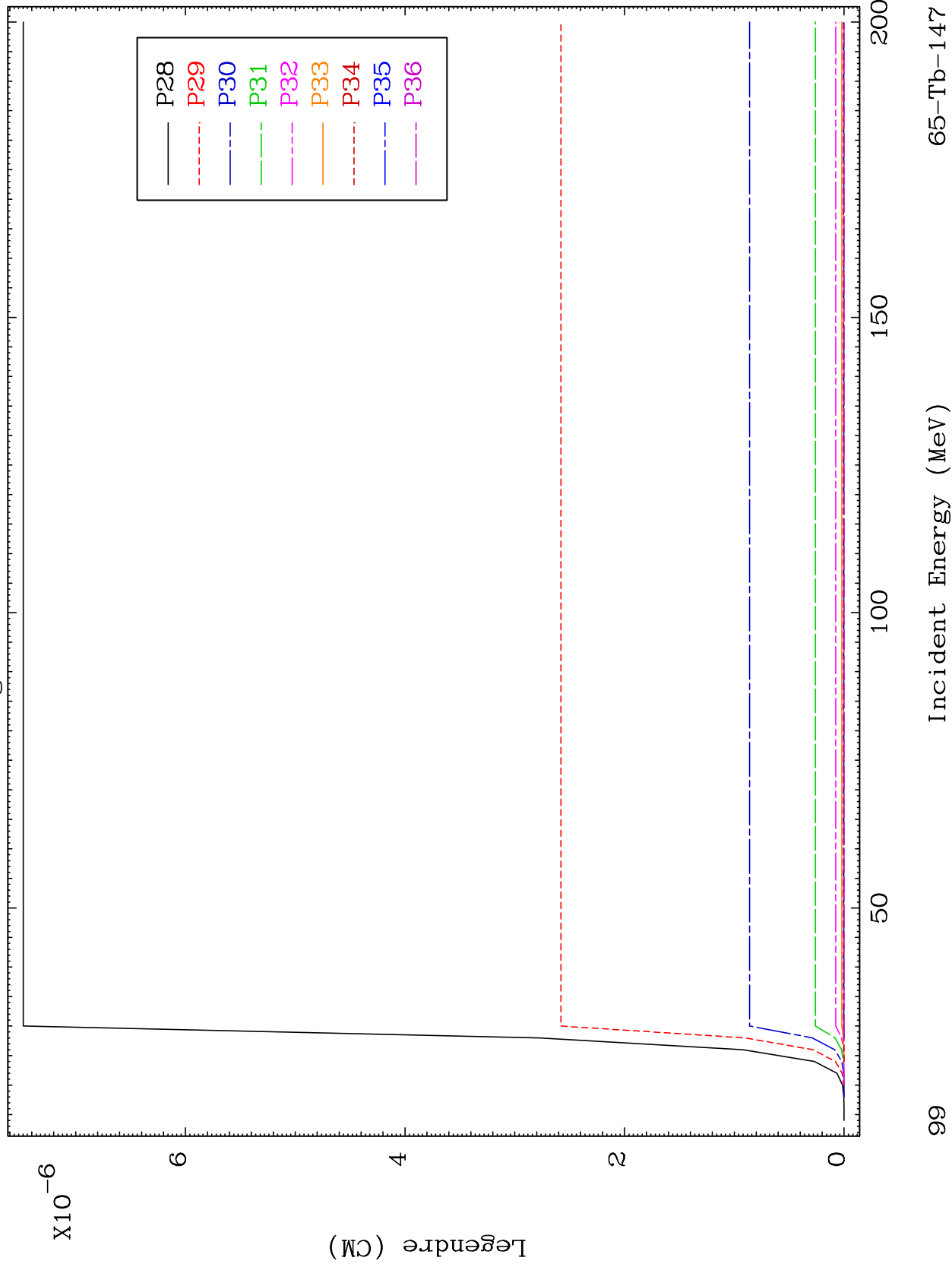
65-Tb-147



MAT 6489

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

65-Tb-147



99

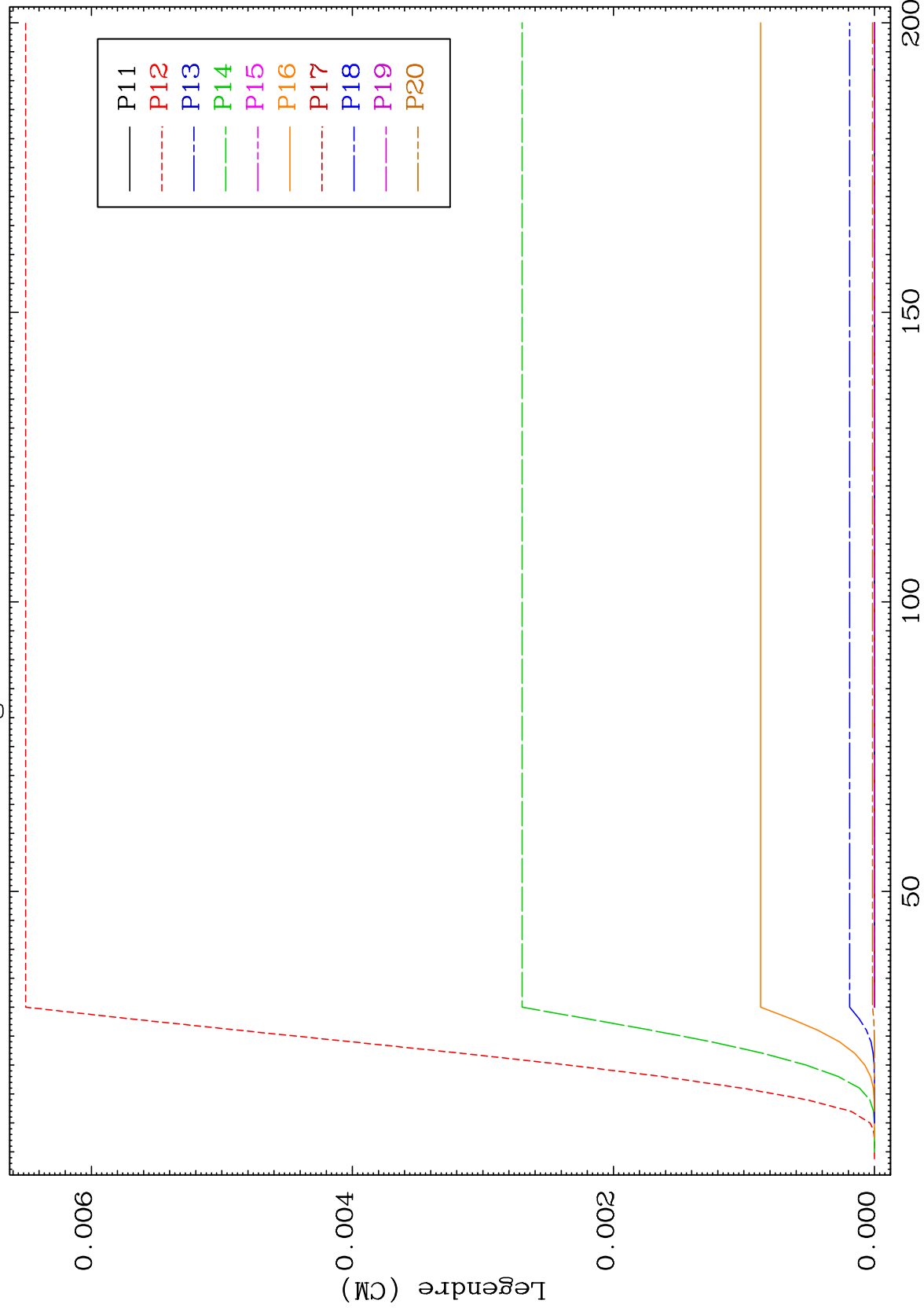
65-Tb-147



MAT 6489

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

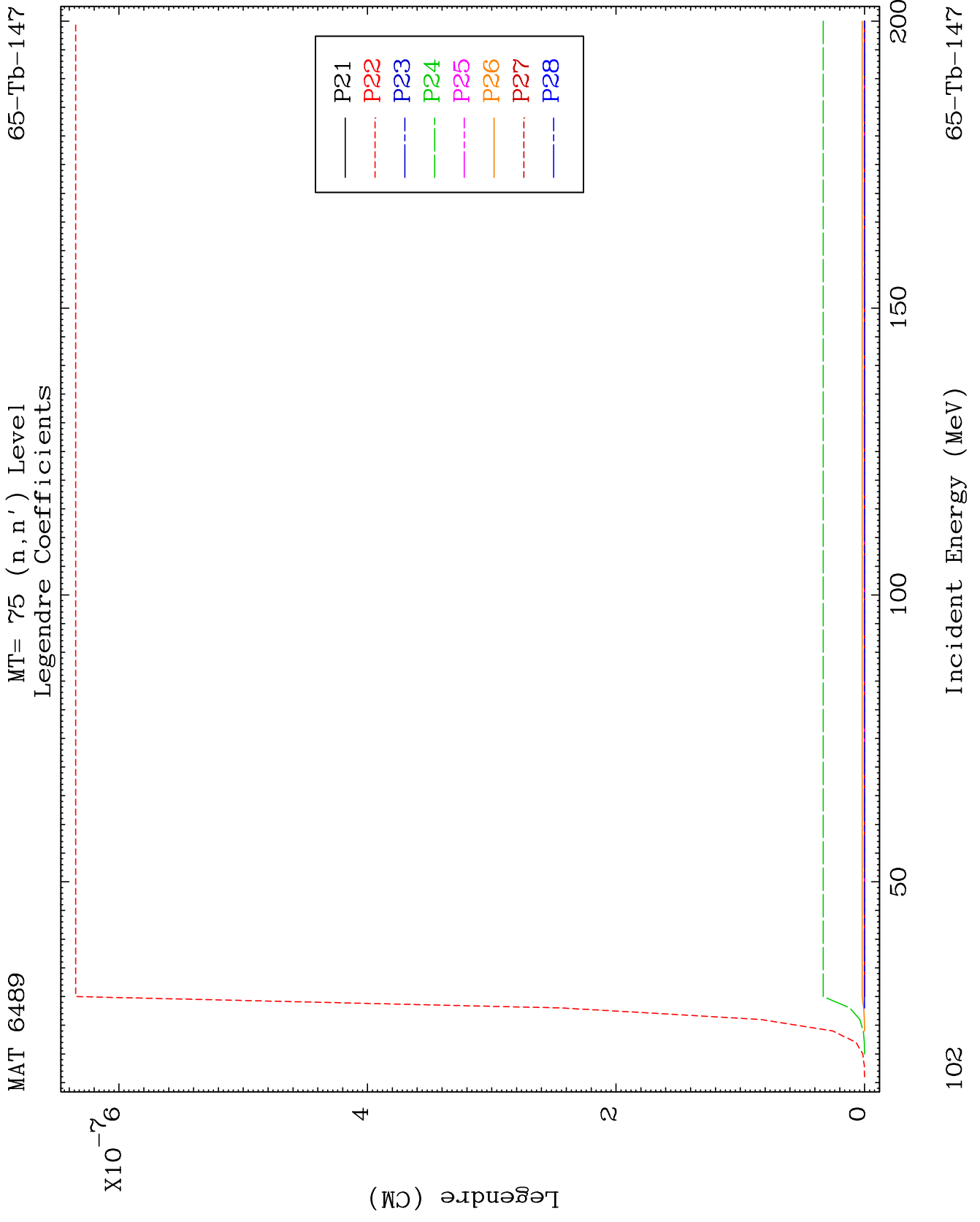
65-Tb-147



101

Incident Energy (MeV)

65-Tb-147



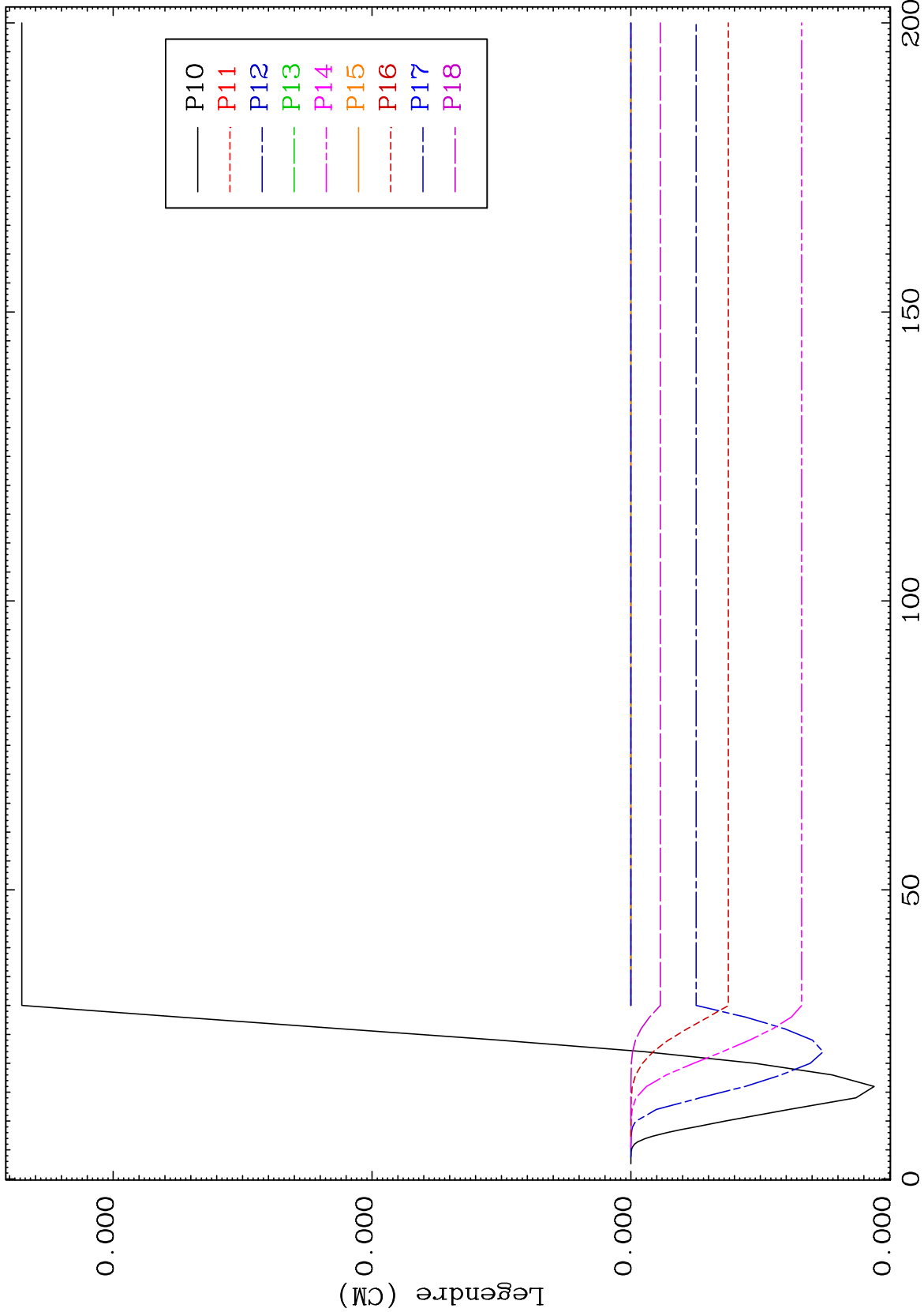




MAT 6489

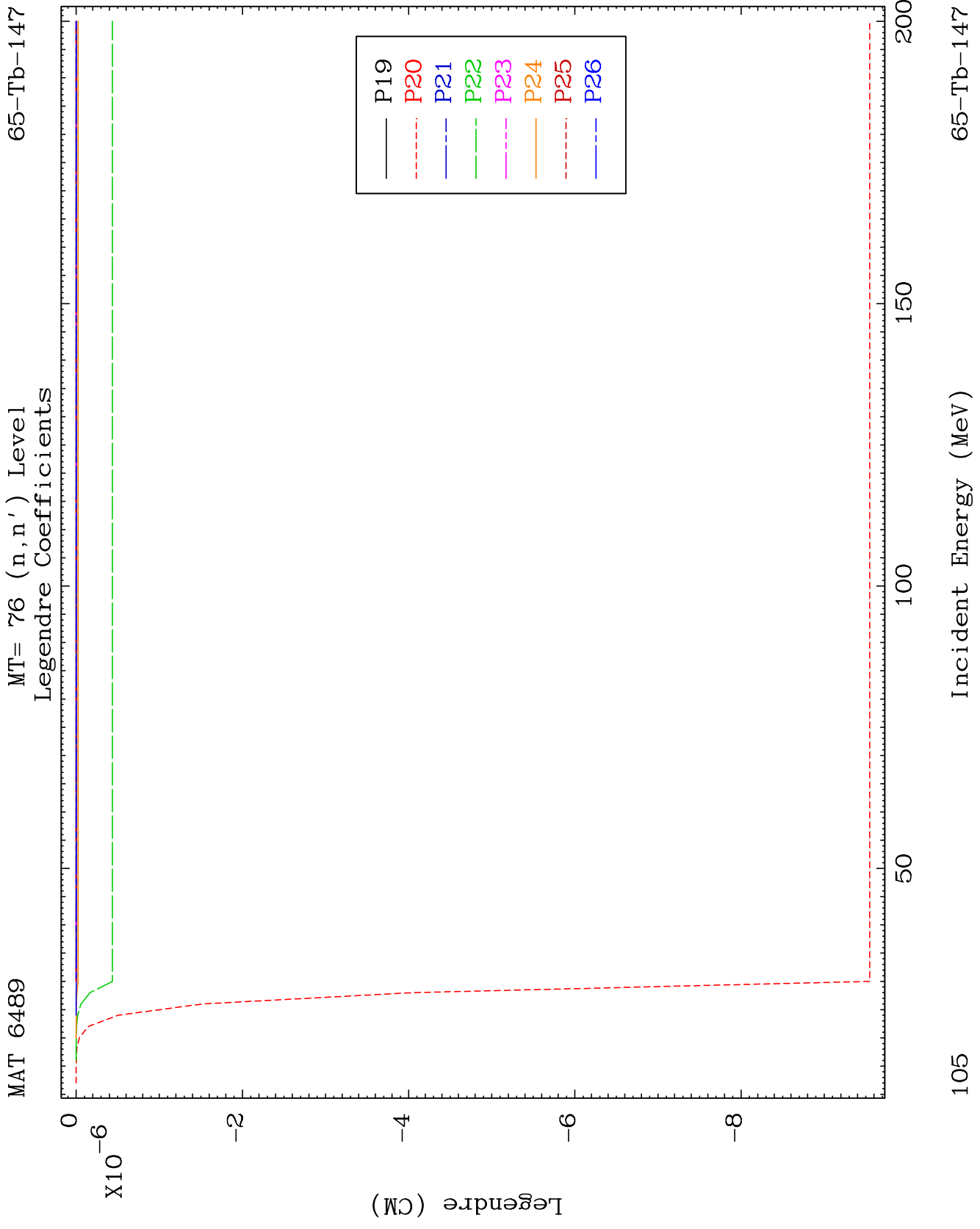
MT= 76 (n,n') Level  
Legendre Coefficients

65-Tb-147



104

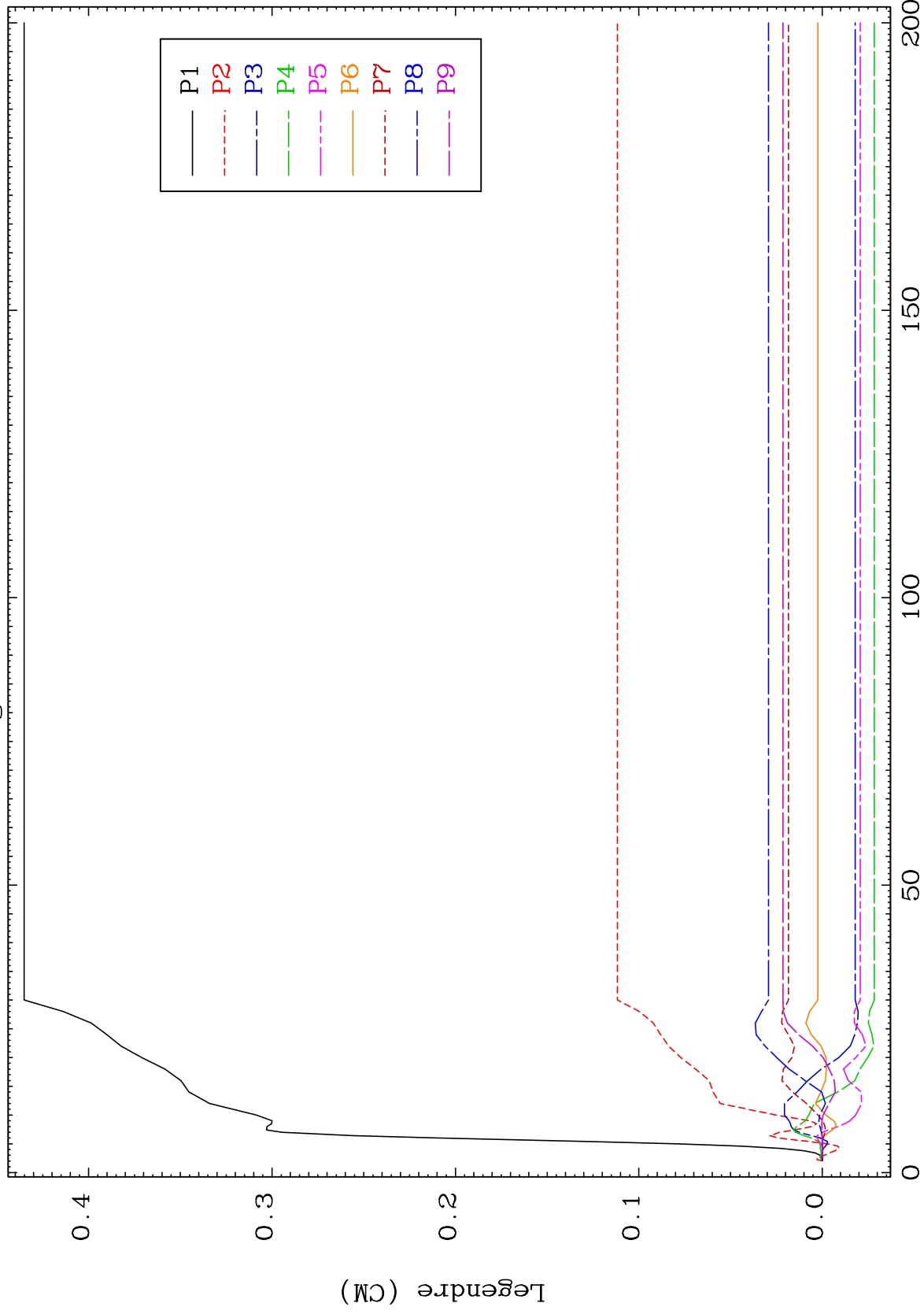
65-Tb-147



MAT 6489

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

65-Tb-147



65-Tb-147

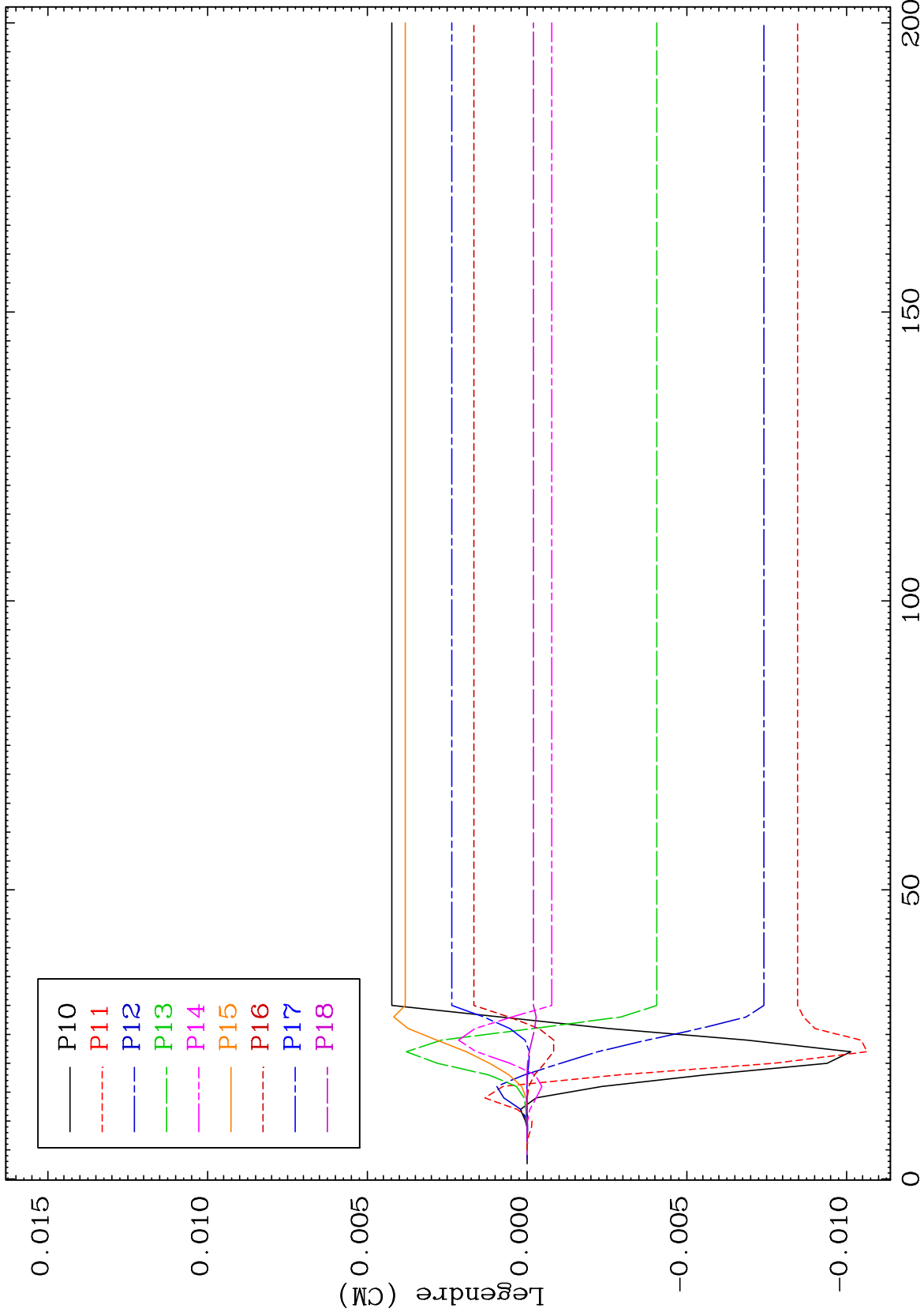
Incident Energy (MeV)

106

MAT 6489

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

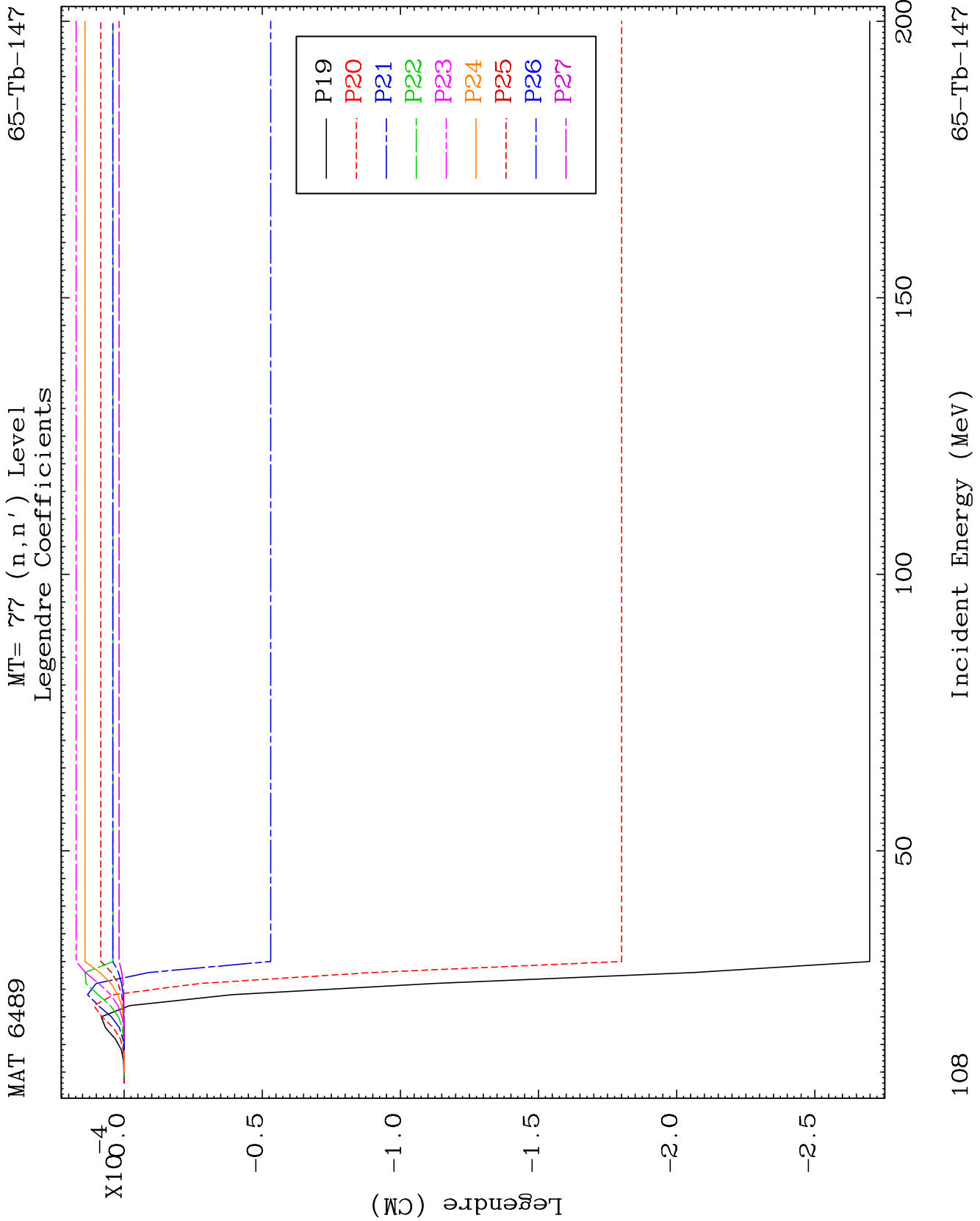
65-Tb-147



107

Incident Energy (MeV)

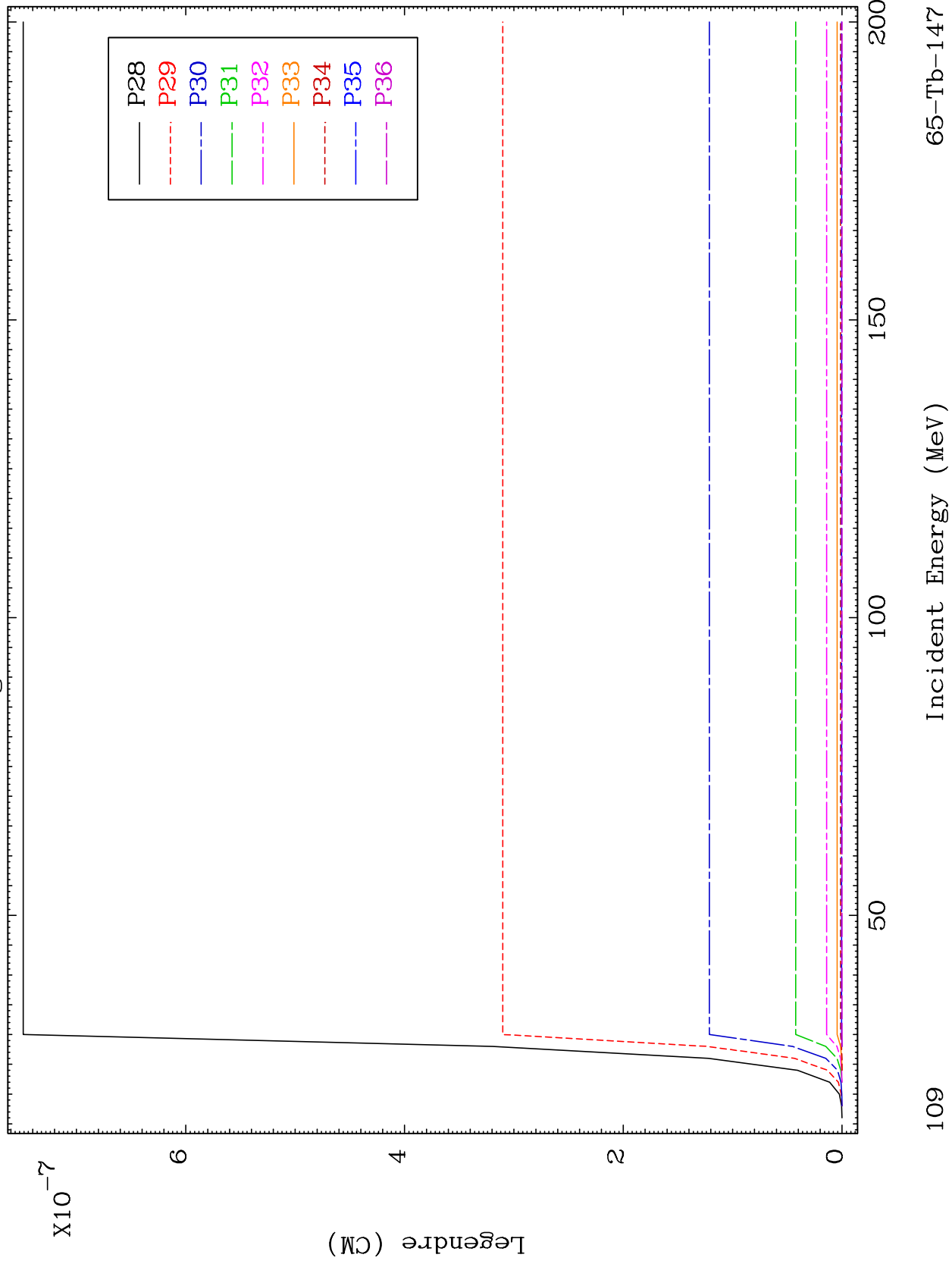
65-Tb-147



MAT 6489

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

65-Tb-147



109

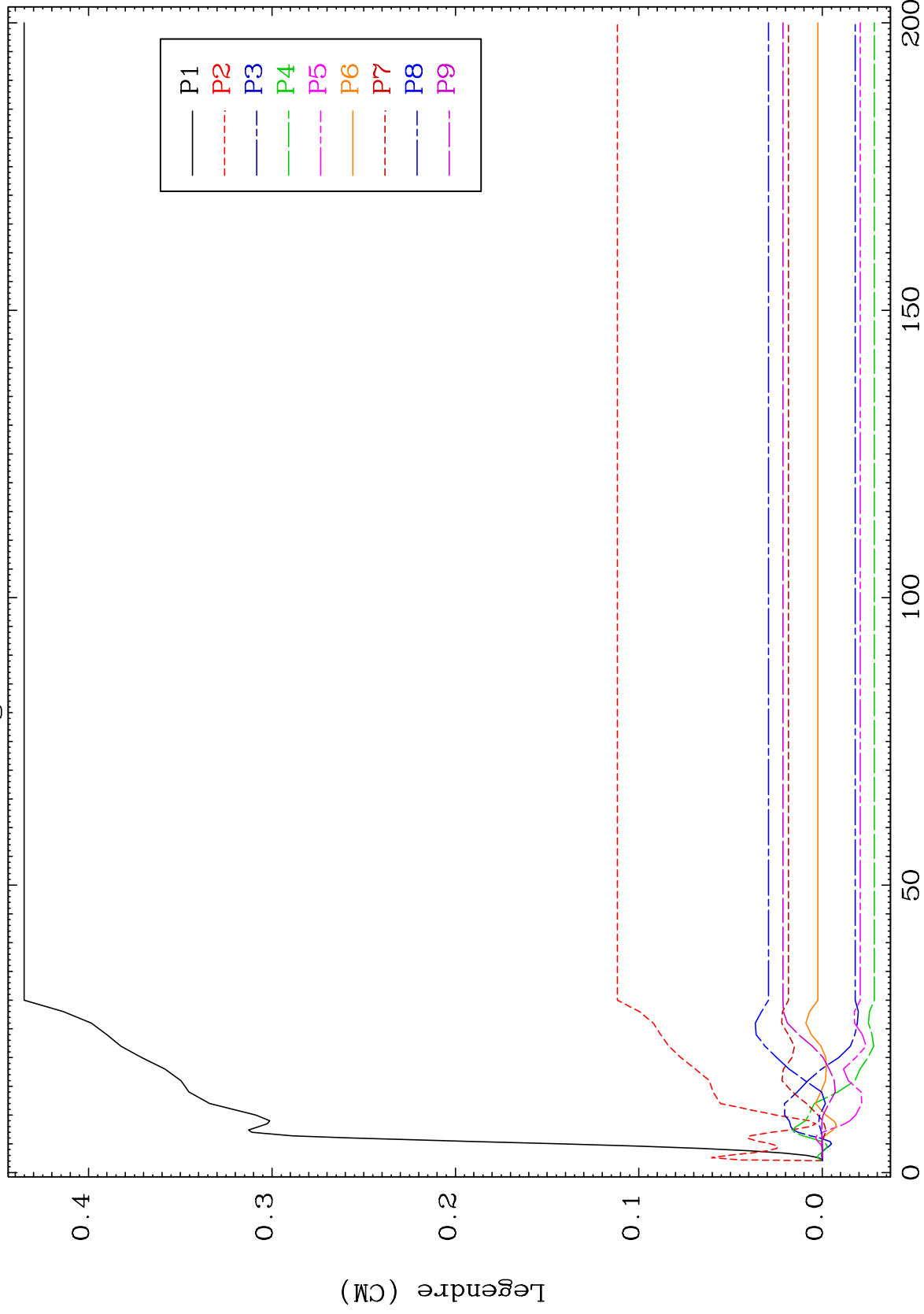
Incident Energy (MeV)

65-Tb-147

MAT 6489

MT= 78 (n,n') Level  
Legendre Coefficients

65-Tb-147



65-Tb-147

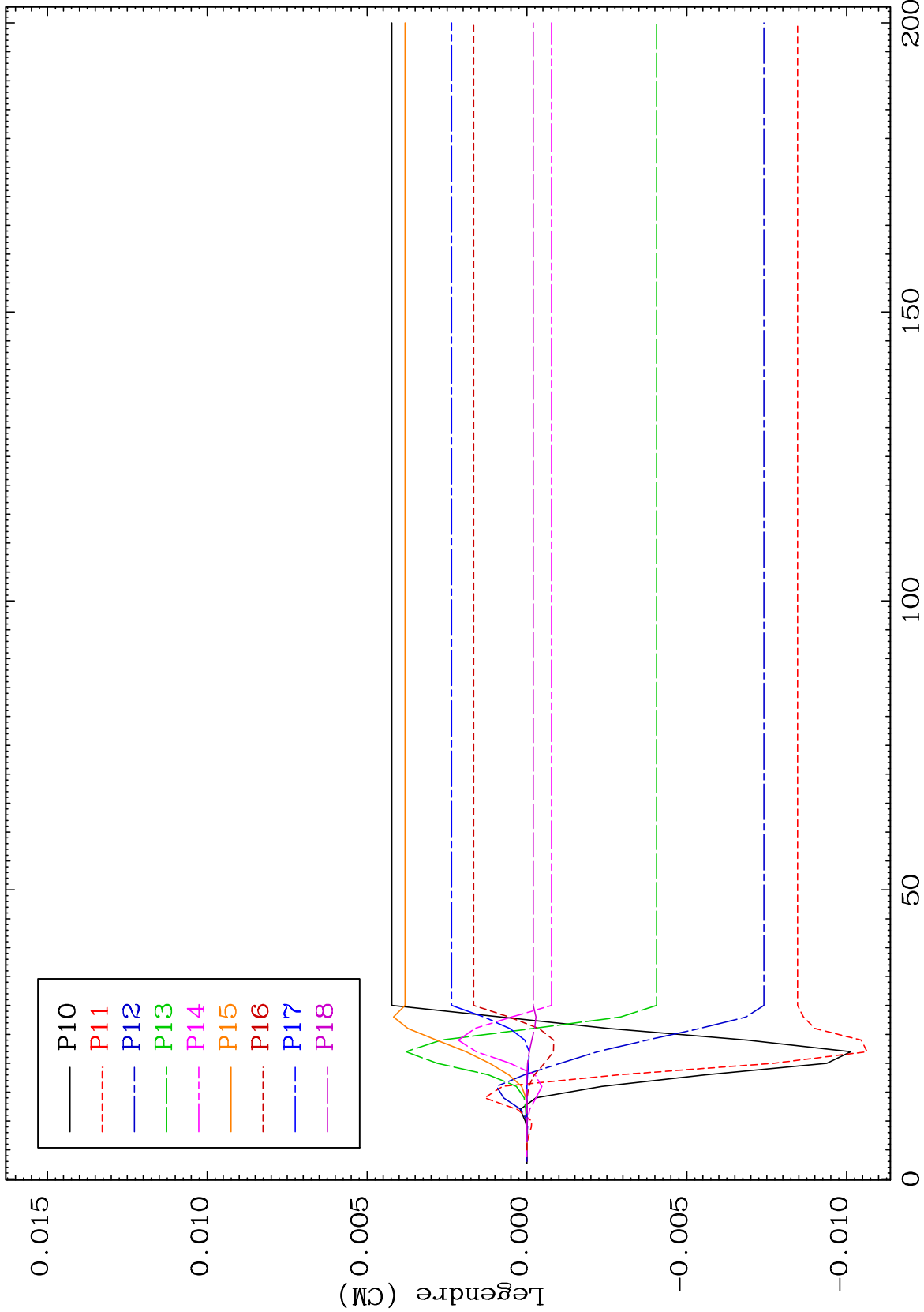
Incident Energy (MeV)

110

MAT 6489

MT= 78 (n,n') Level  
Legendre Coefficients

65-Tb-147

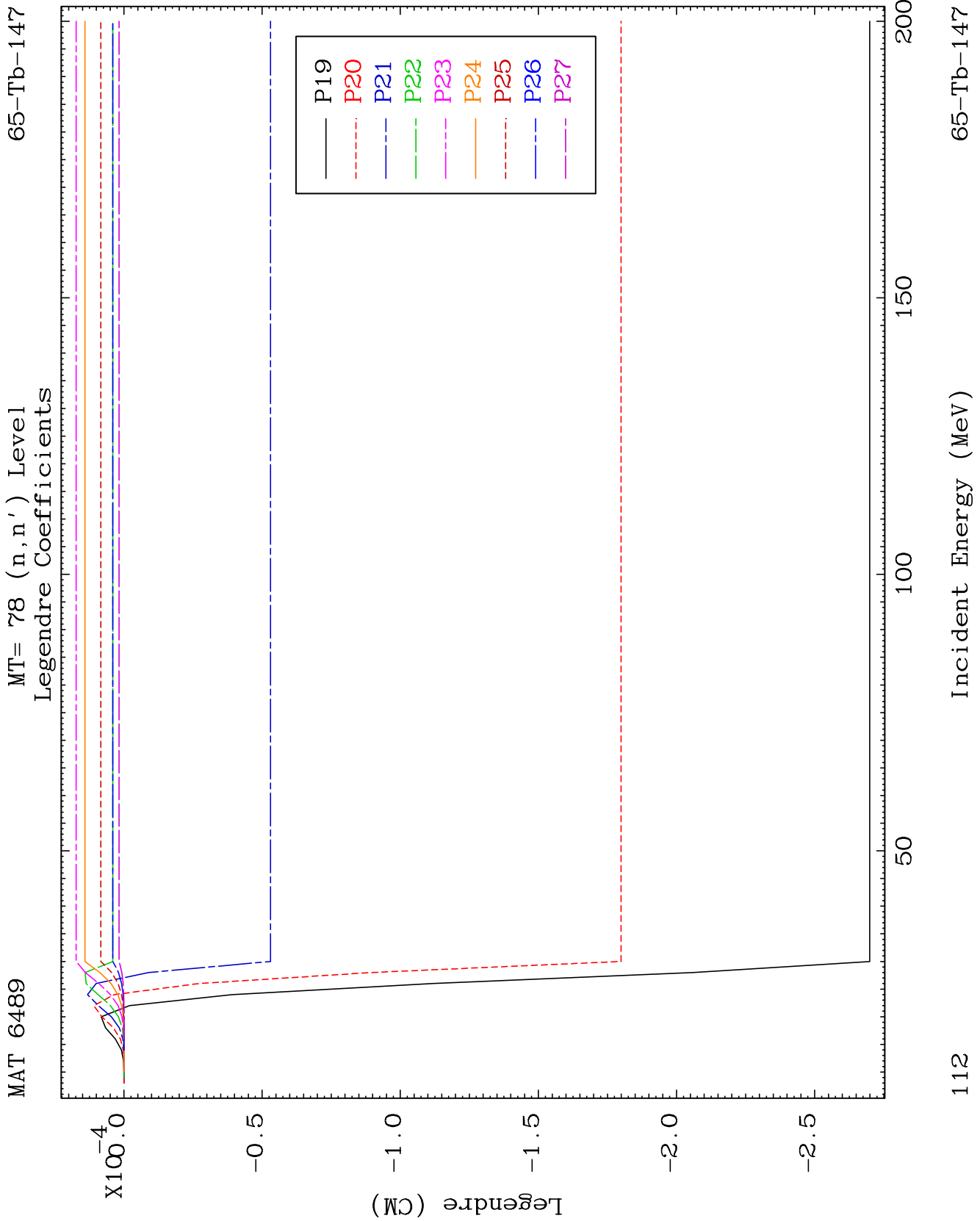


111

Incident Energy (MeV)

65-Tb-147

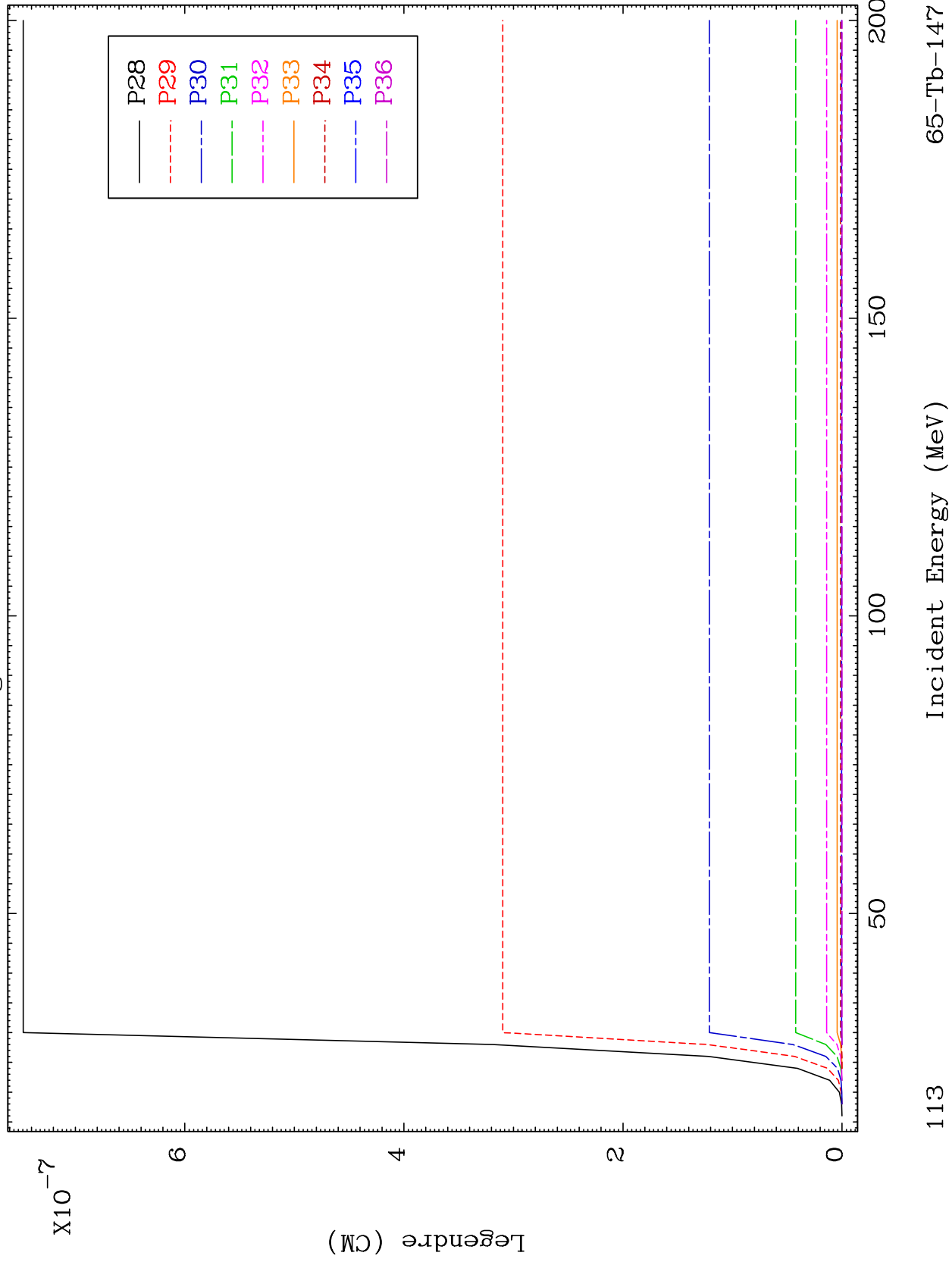




MAT 6489

MT= 78 (n,n') Level  
Legendre Coefficients

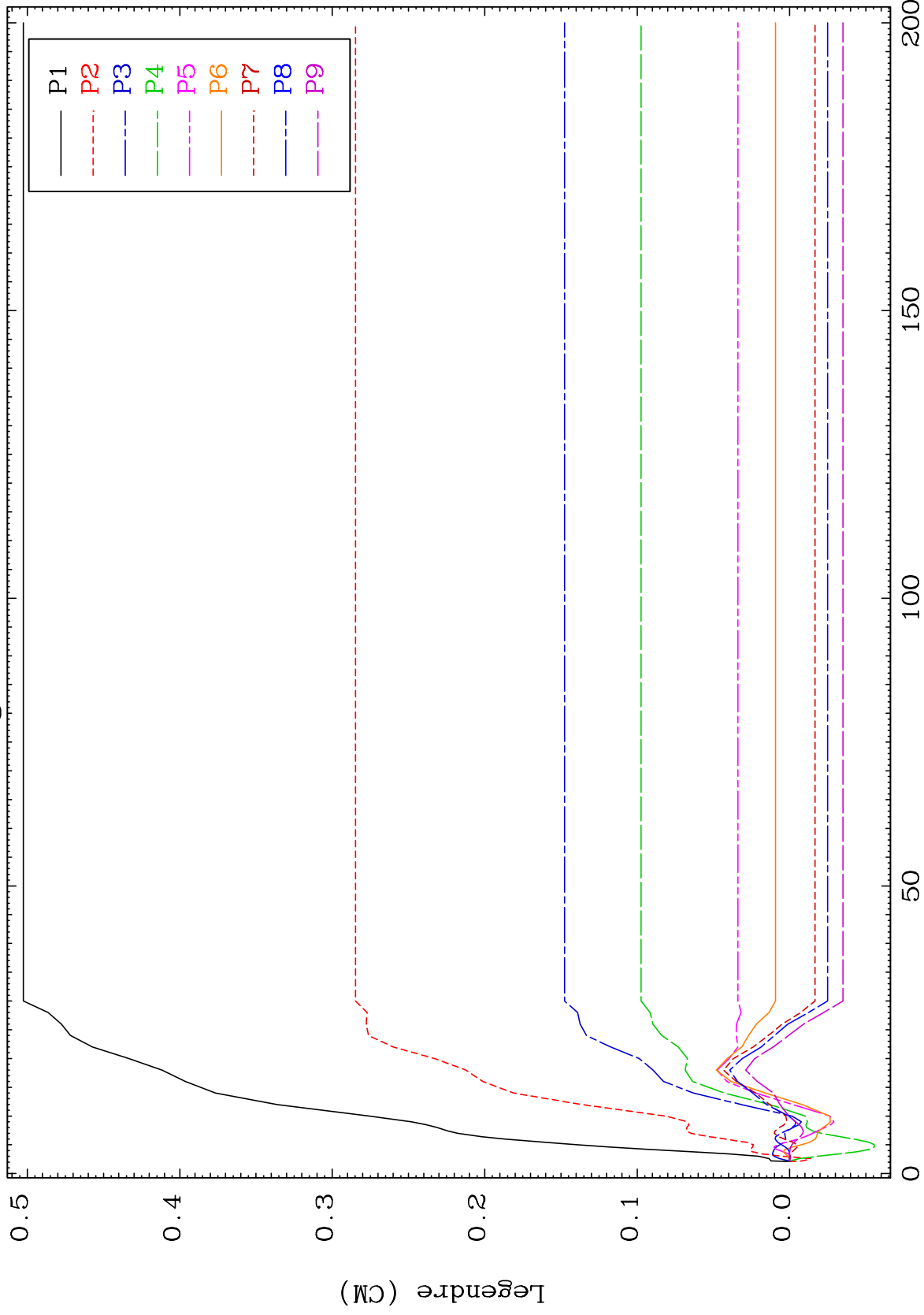
65-Tb-147



MAT 6489

MT= 79 (n,n') Level  
Legendre Coefficients

65-Tb-147



114

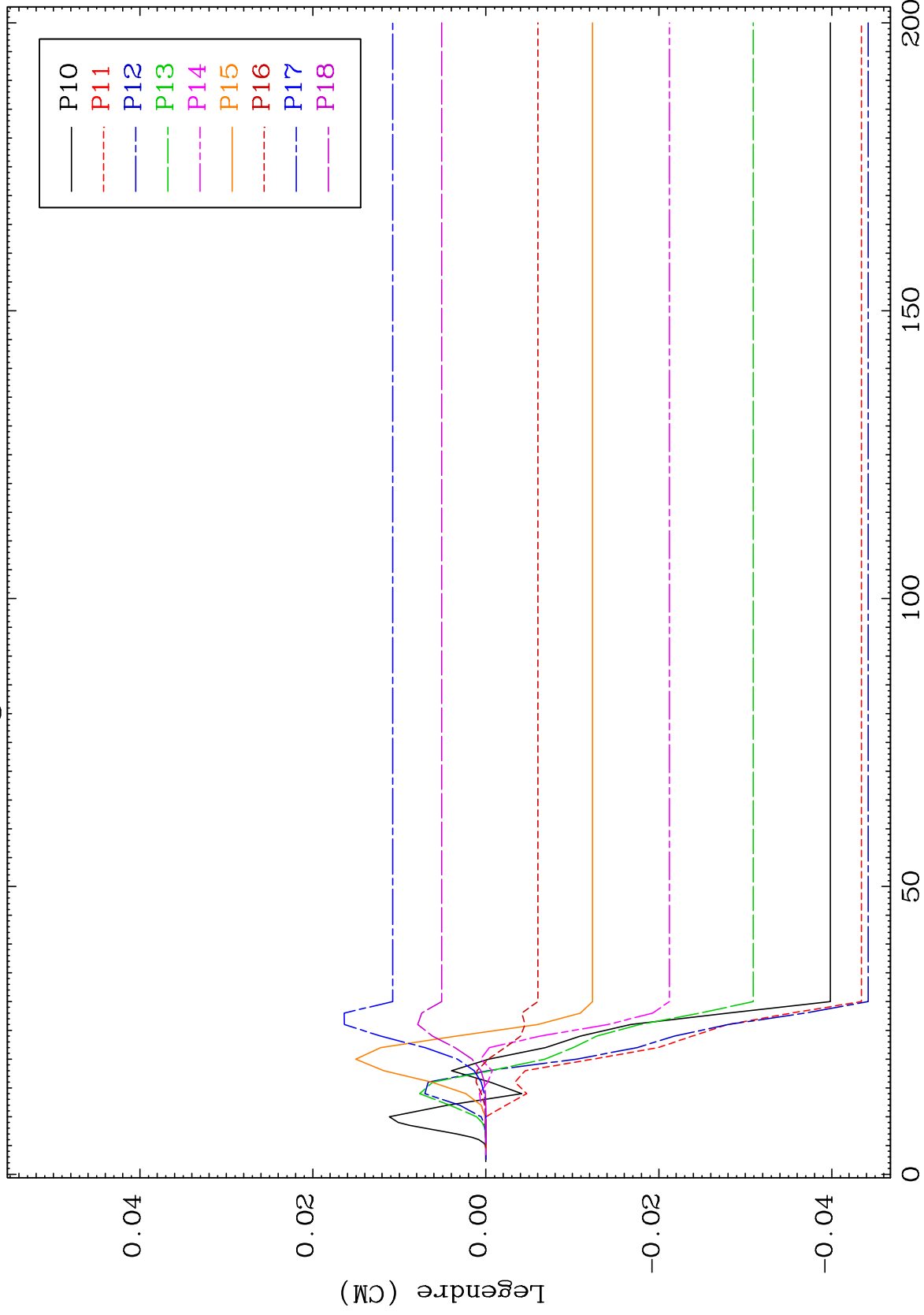
Incident Energy (MeV)

65-Tb-147

MAT 6489

MT= 79 (n,n') Level  
Legendre Coefficients

65-Tb-147



115

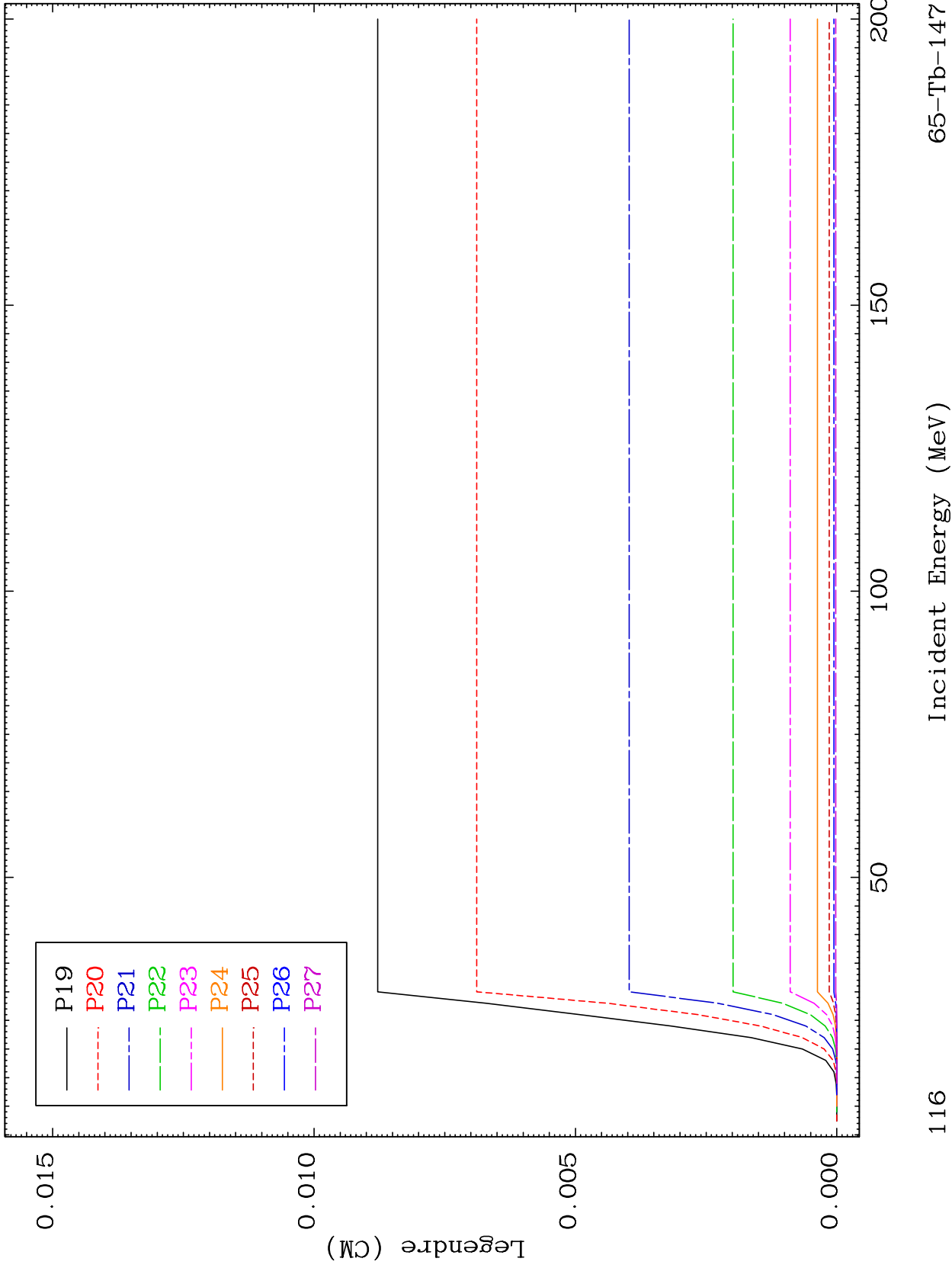
Incident Energy (MeV)

65-Tb-147

MAT 6489

MT= 79 (n,n') Level  
Legendre Coefficients

65-Tb-147



116

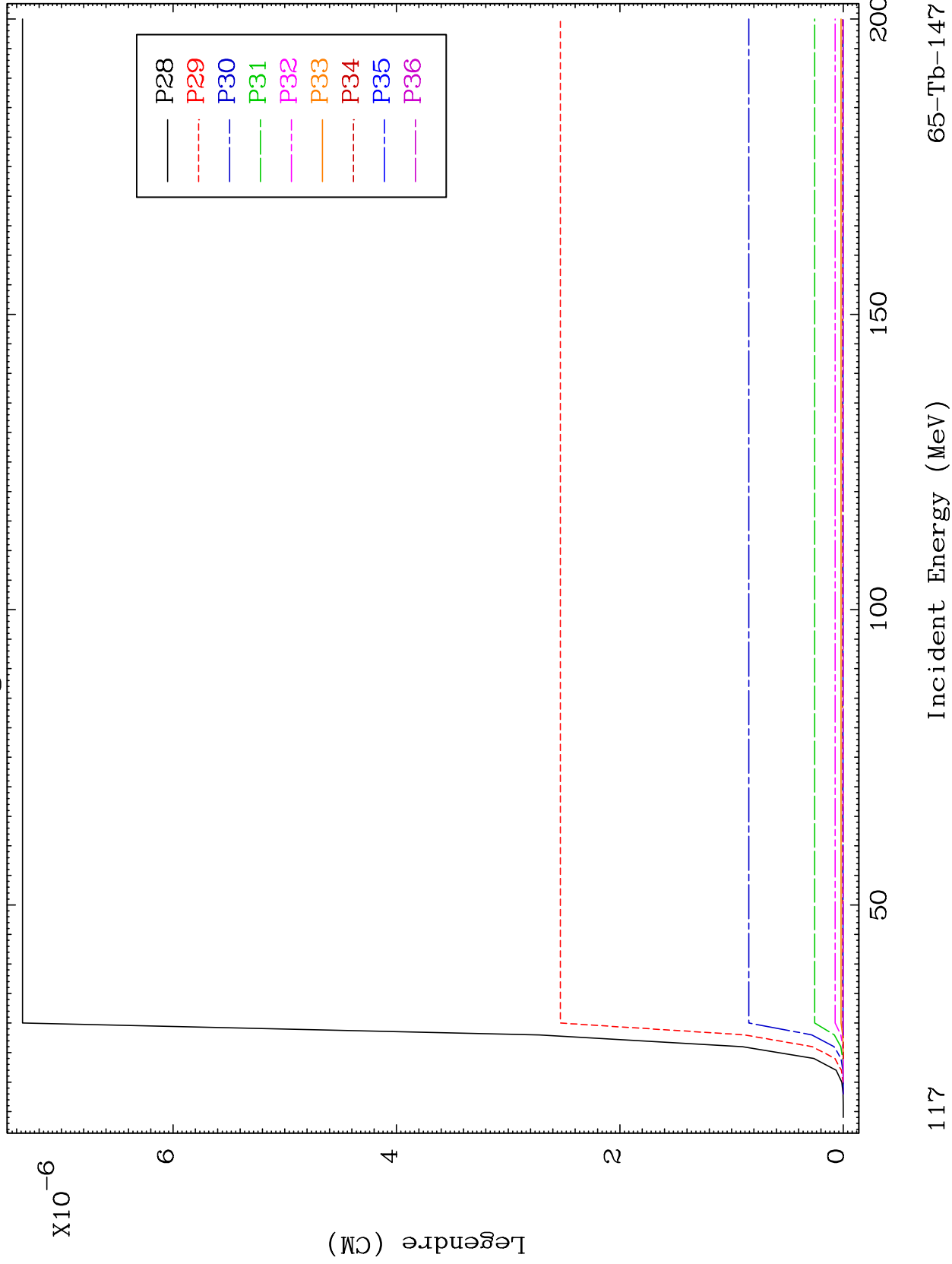
Incident Energy (MeV)

65-Tb-147

MAT 6489

MT= 79 (n,n') Level  
Legendre Coefficients

65-Tb-147



117

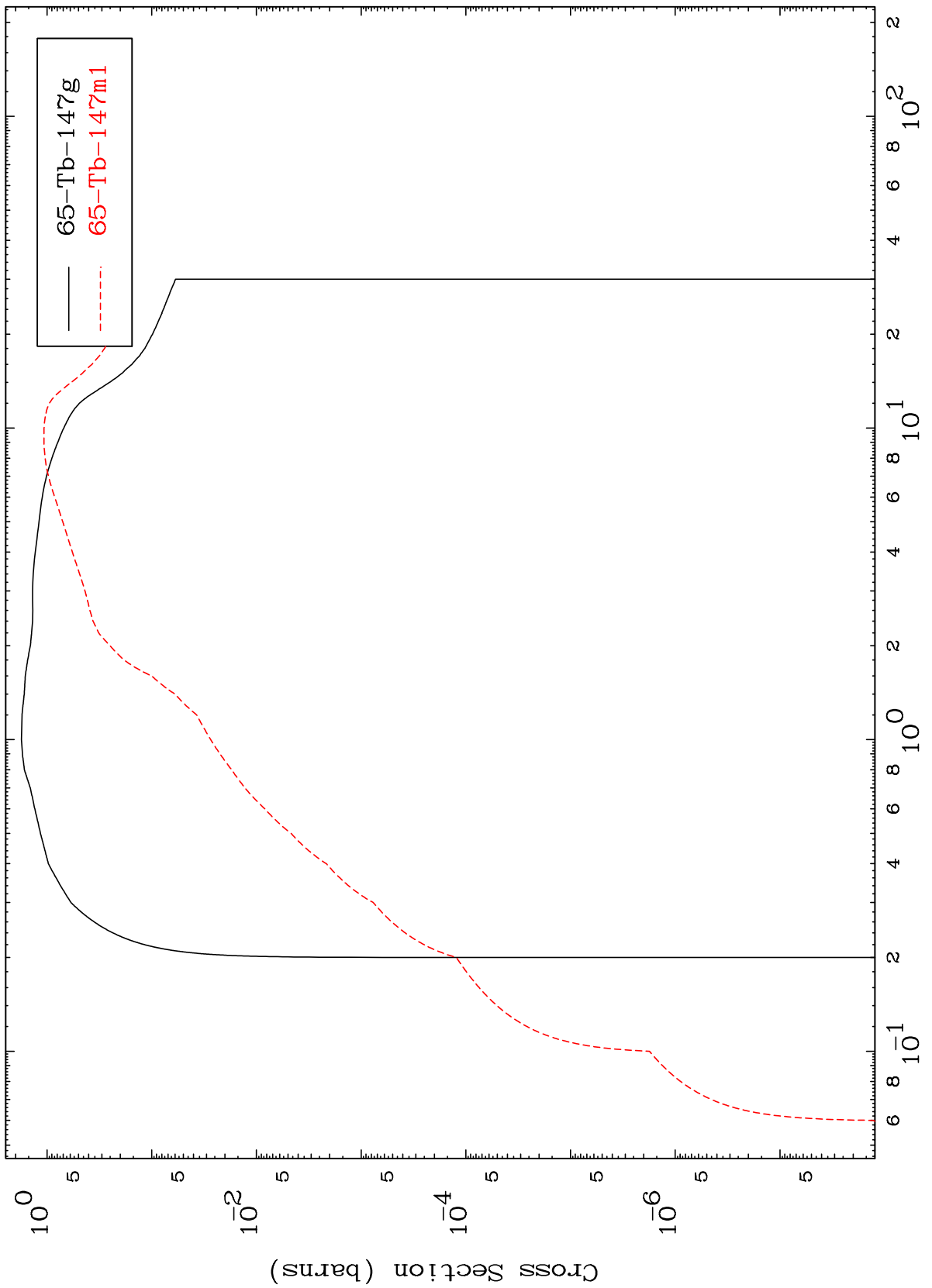
Incident Energy (MeV)

65-Tb-147

MAT 6489

65-Tb-147

### Inelastic Radionuclide Production Cross Section



118

Incident Energy (MeV)

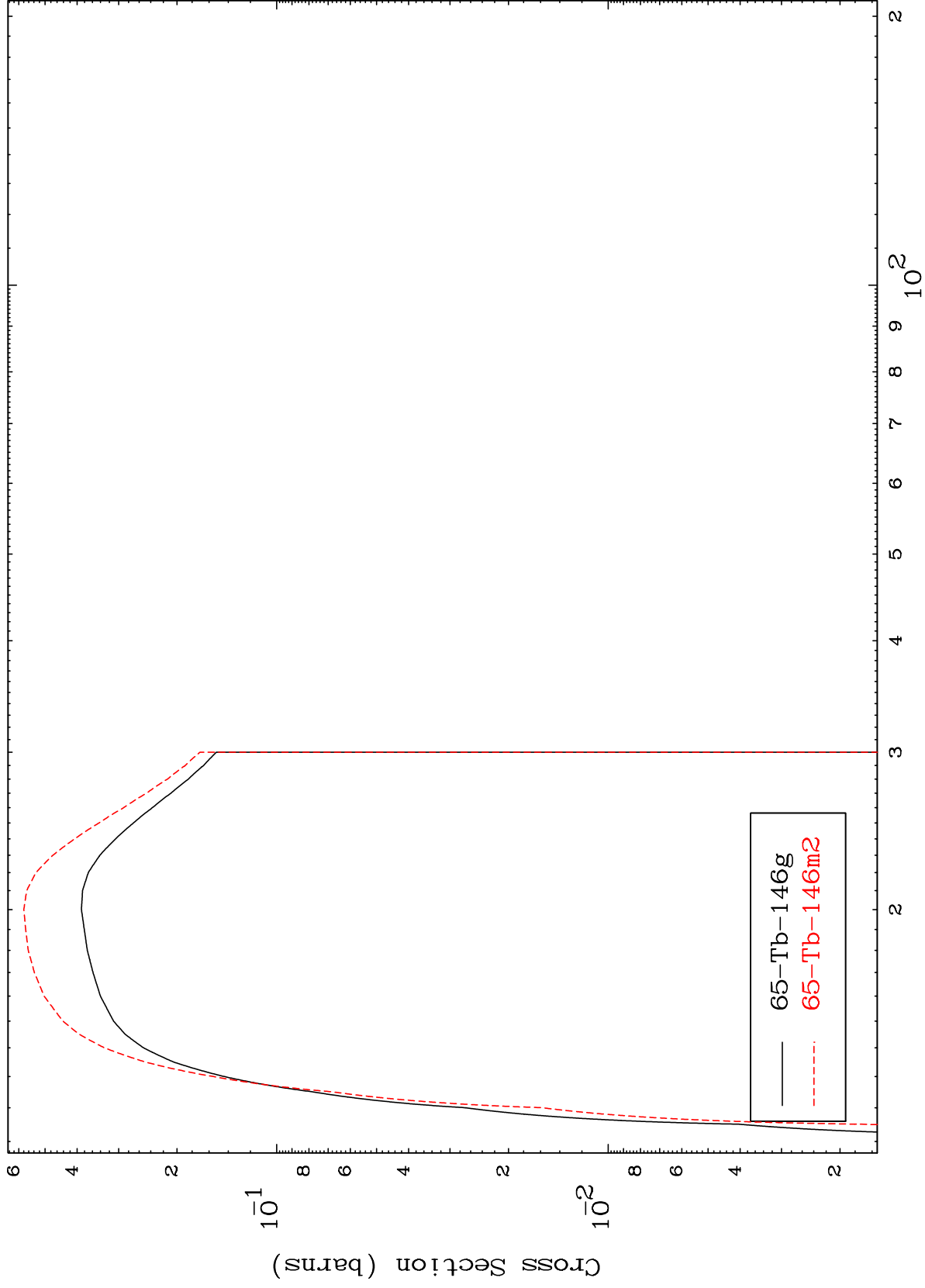
65-Tb-147

MAT 6489

(n,2n)

65-Tb-147

Radionuclide Production Cross Section



119

Incident Energy (MeV)

65-Tb-147

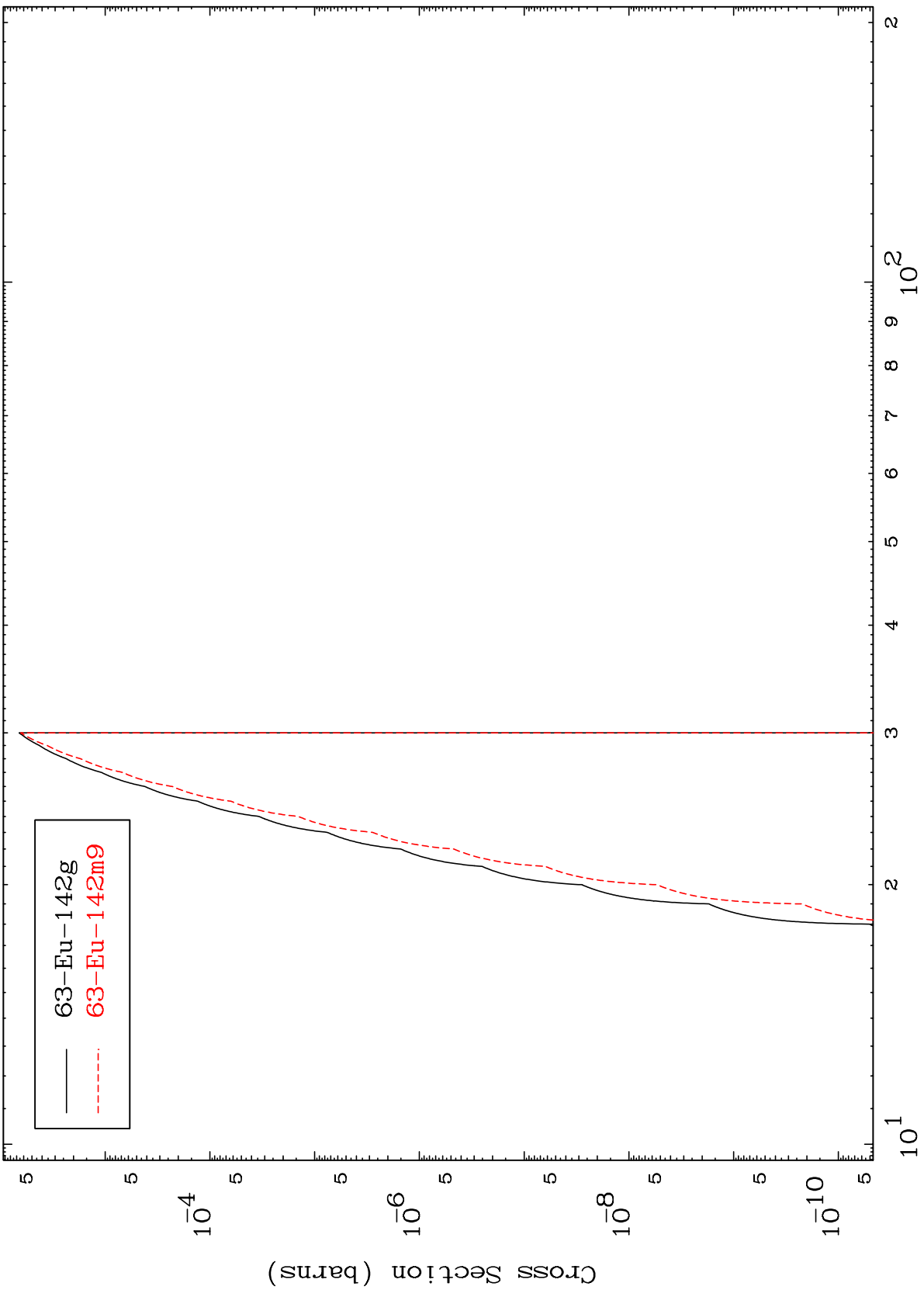


MAT 6489

(n,2n)  $\alpha$

65-Tb-147

Radionuclide Production Cross Section



Incident Energy (MeV)

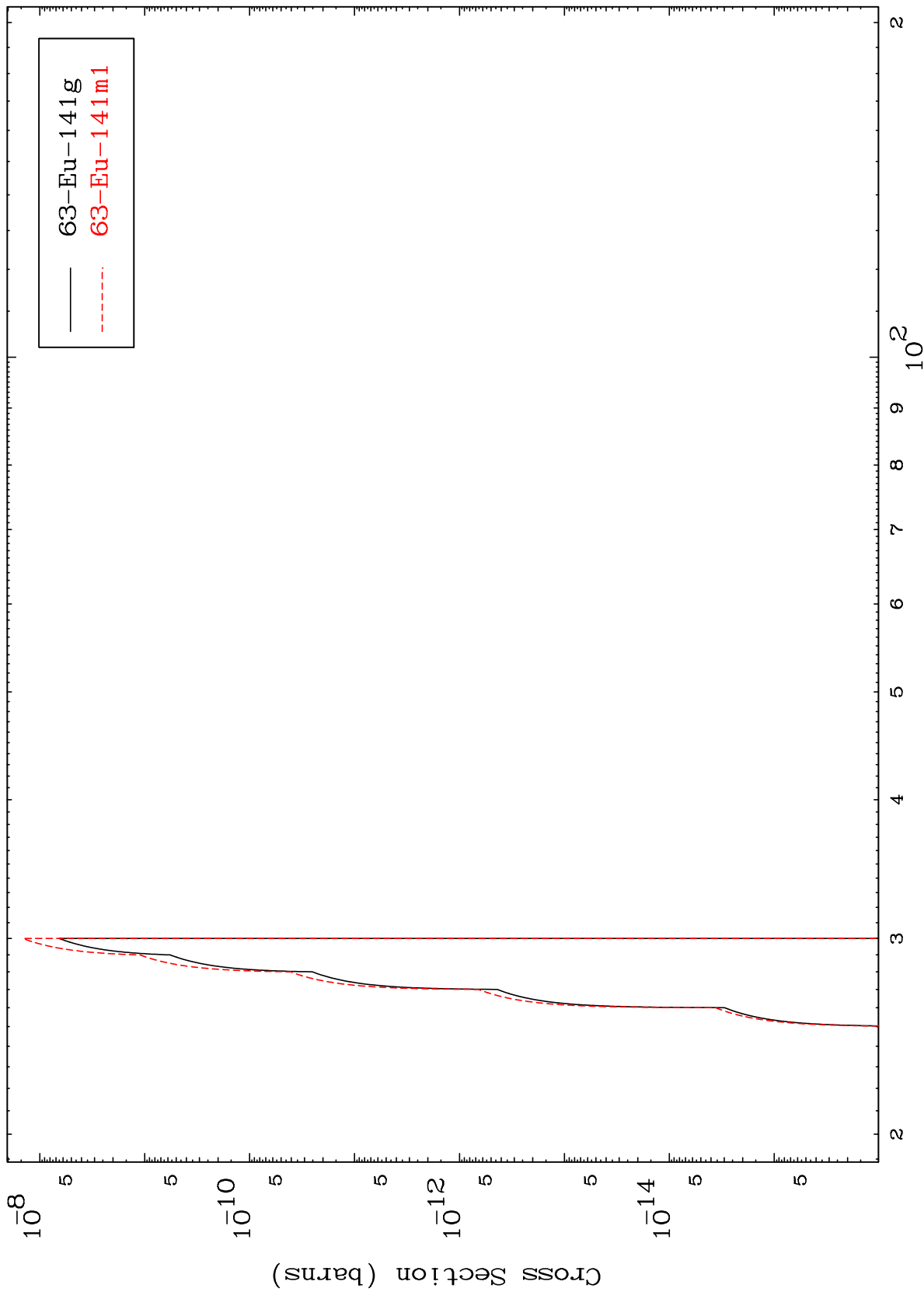
65-Tb-147

MAT 6489

(n,3n)  $\alpha$

65-Tb-147

Radionuclide Production Cross Section



121

Incident Energy (MeV)

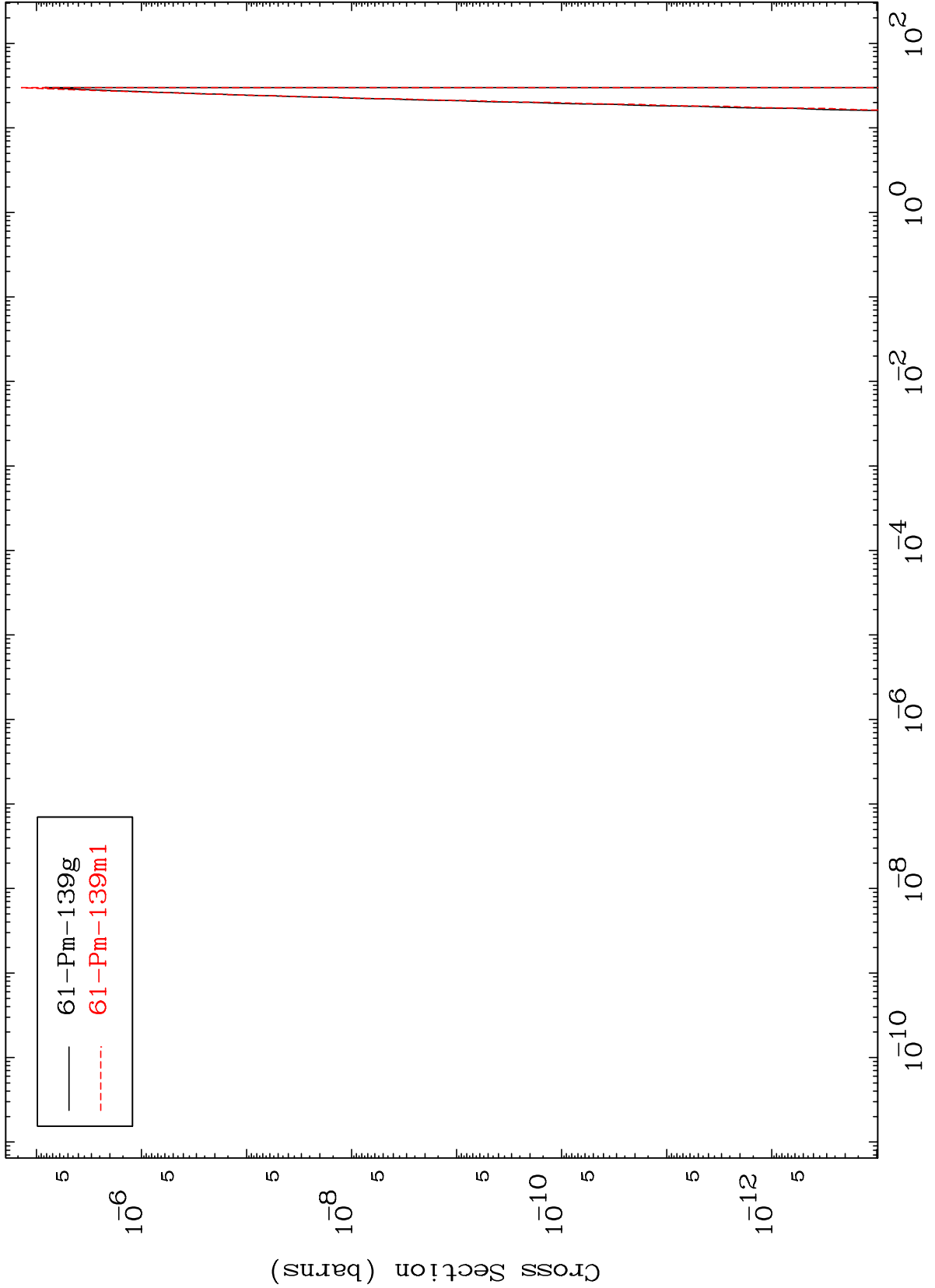
65-Tb-147

MAT 6489

(n,n') 2 $\alpha$

65-Tb-147

Radionuclide Production Cross Section

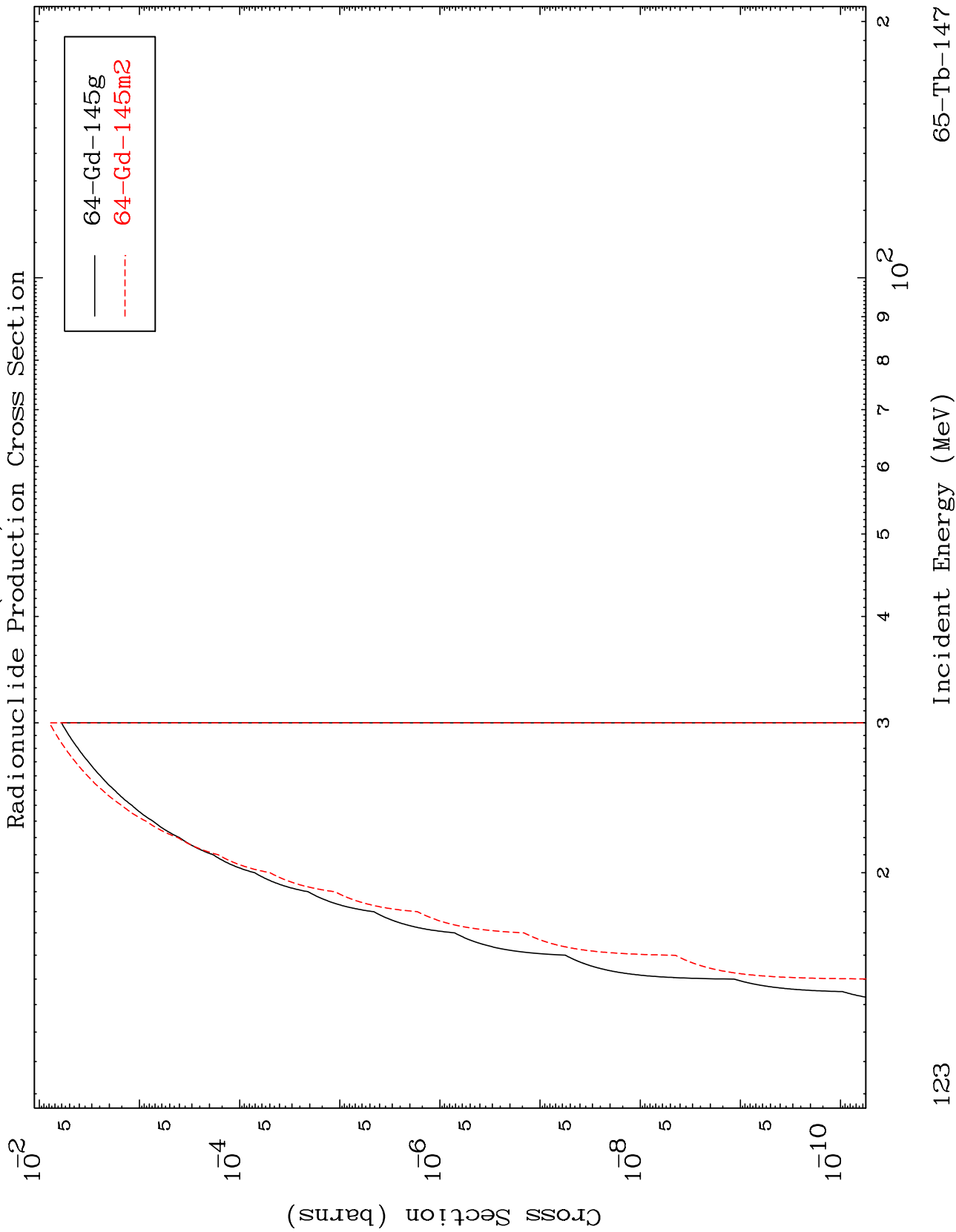


61-Pm-139g  
61-Pm-139m1

MAT 6489

(n,n') d

65-Tb-147



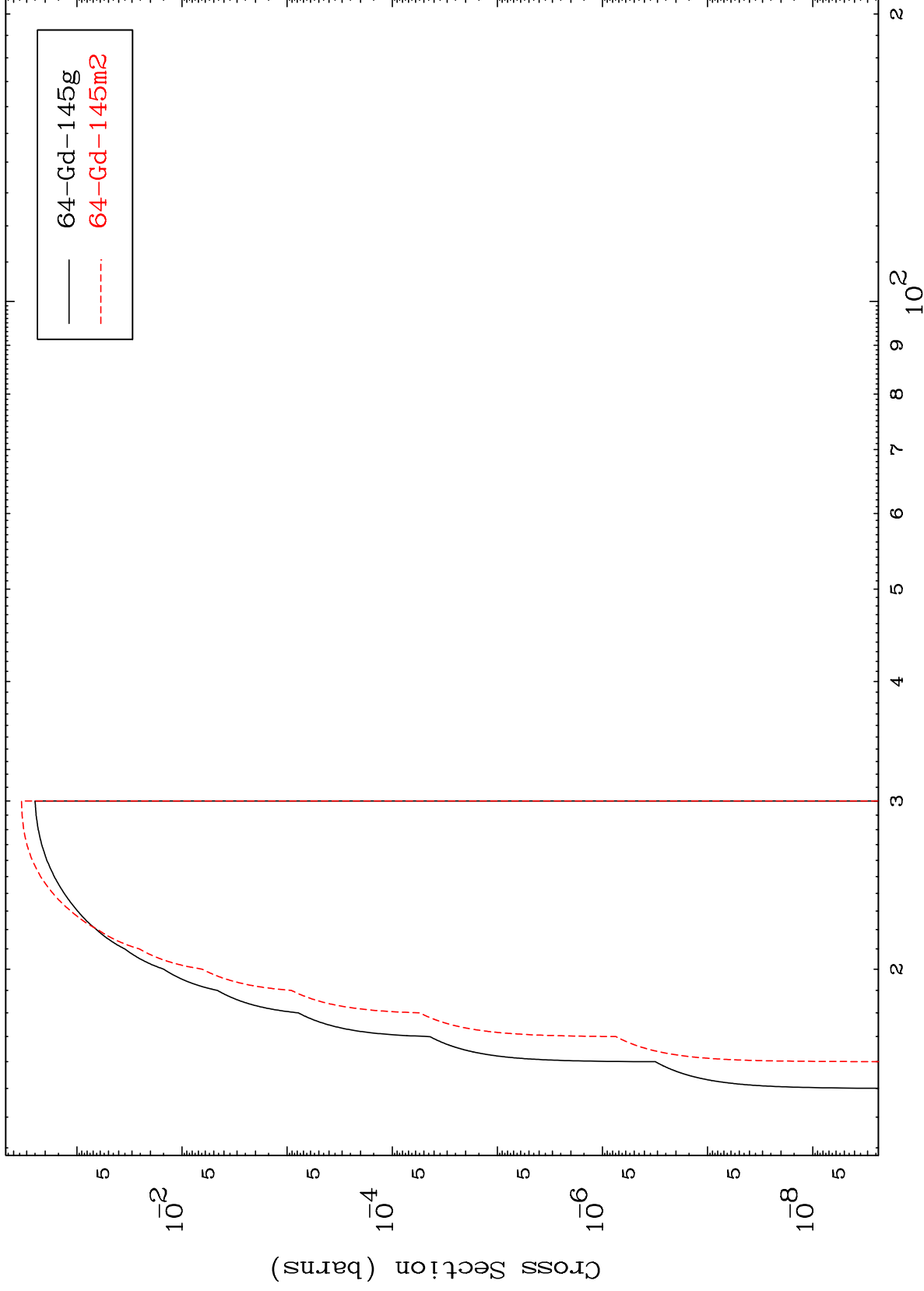
123

MAT 6489

(n,2n) p

65-Tb-147

Radionuclide Production Cross Section



124

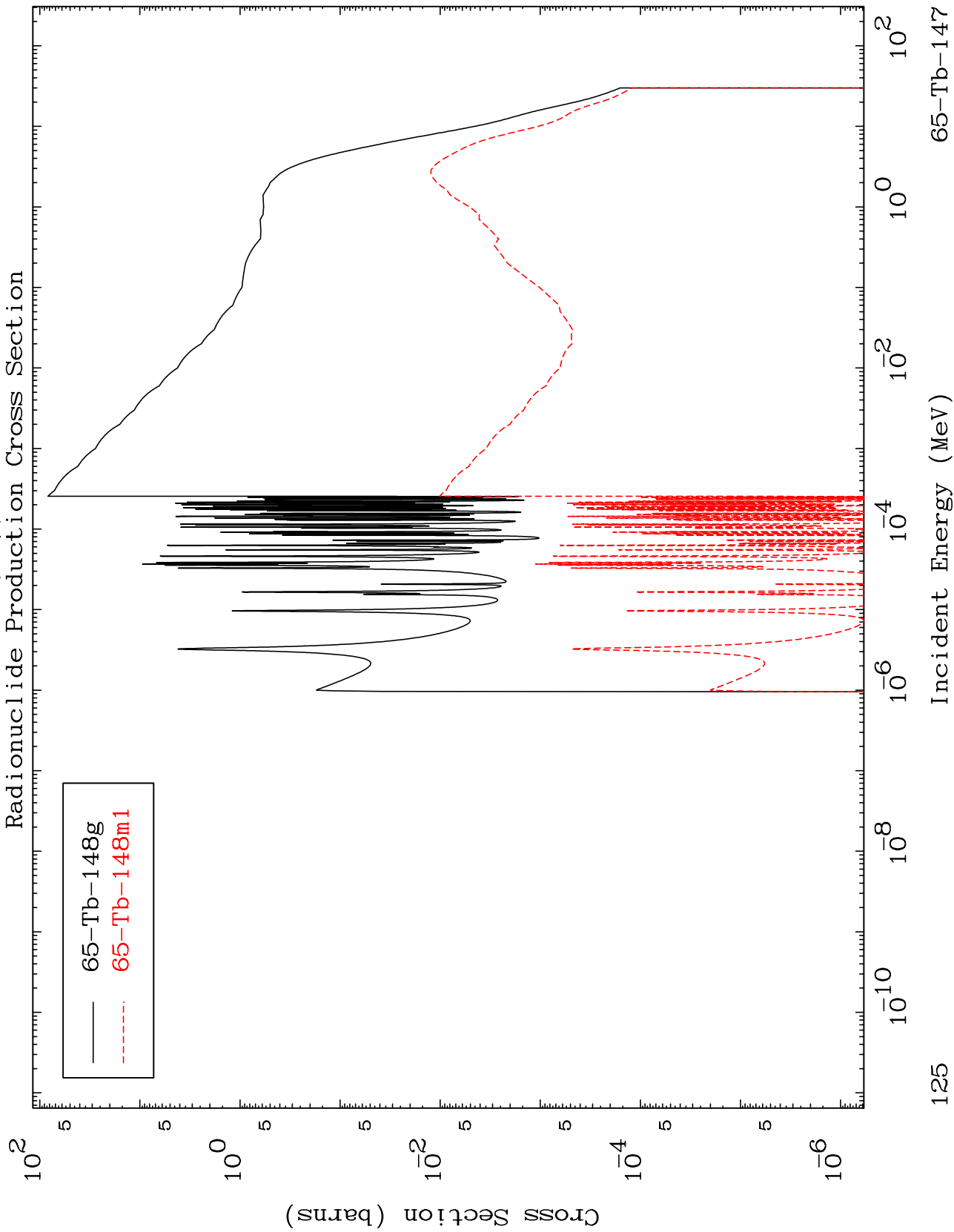
Incident Energy (MeV)

65-Tb-147

MAT 6489

65-Tb-147

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



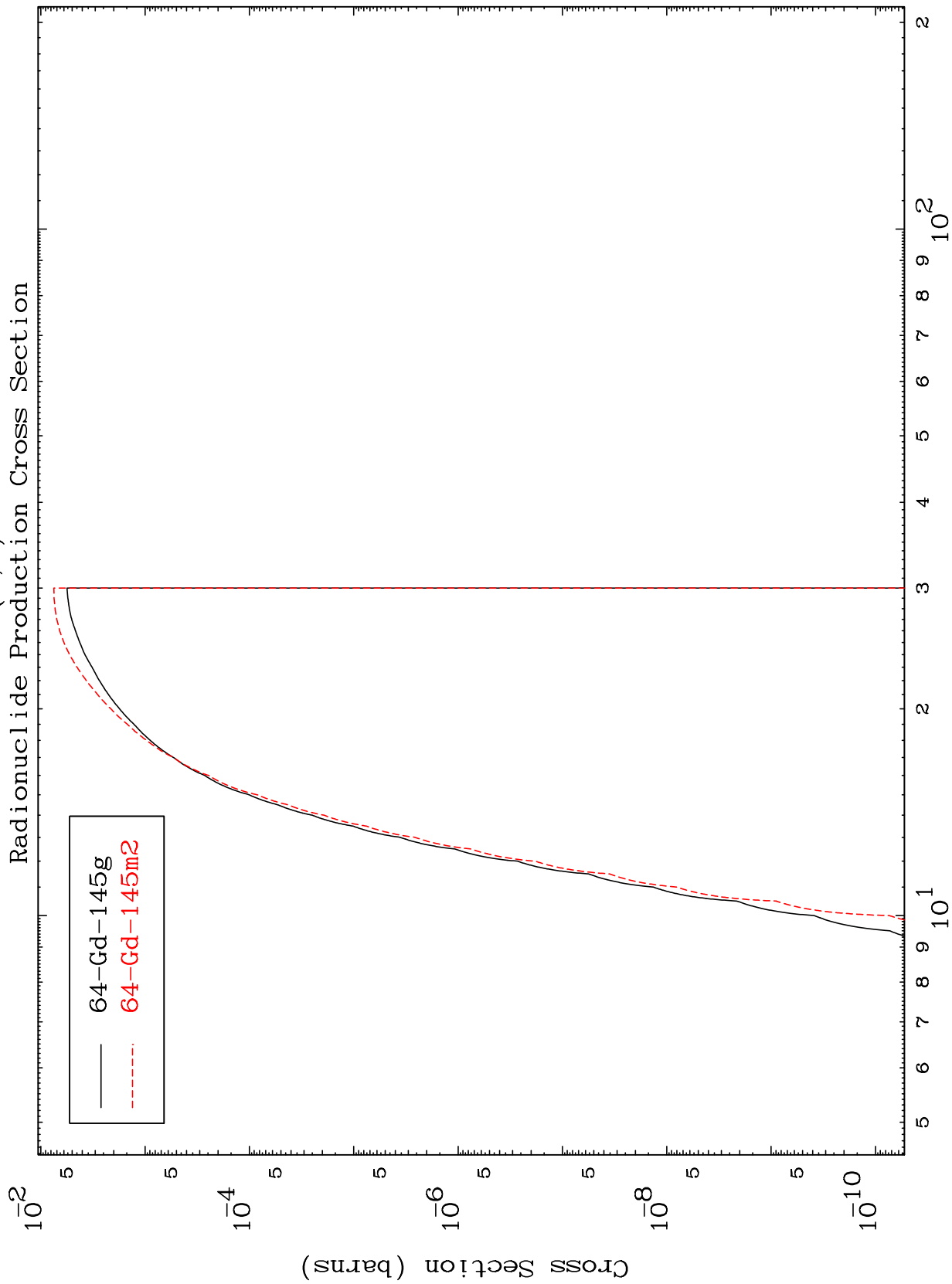
125

65-Tb-147

MAT 6489

65-Tb-147

(n, t)  
Radionuclide Production Cross Section



126

Incident Energy (MeV)

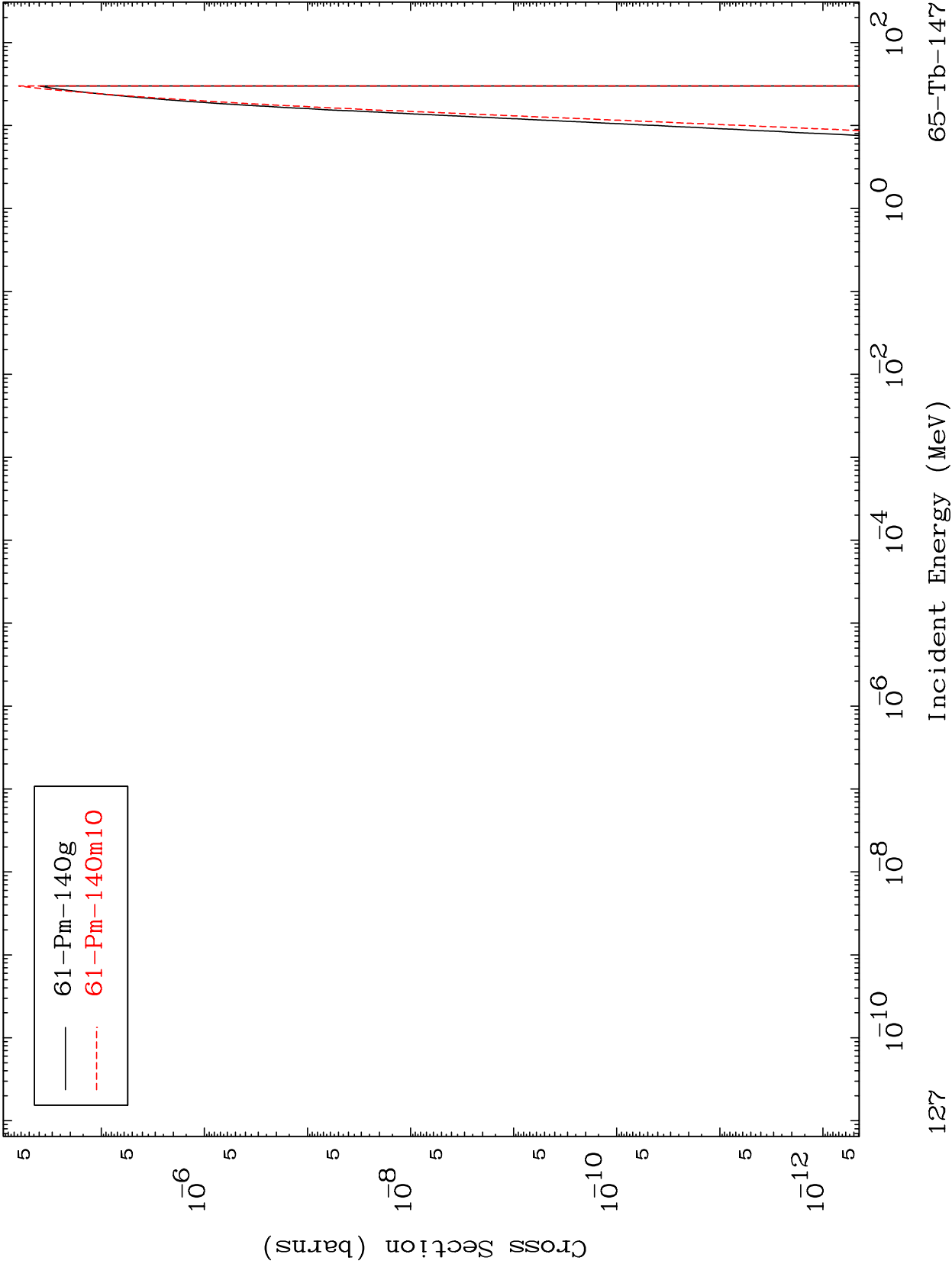
65-Tb-147

MAT 6489

(n,2α)

65-Tb-147

Radionuclide Production Cross Section





MAT 6489

(n,p)  $\alpha$

65-Tb-147

Radionuclide Production Cross Section

