

Program EVALPLOT  
(Version 2018-1)

by

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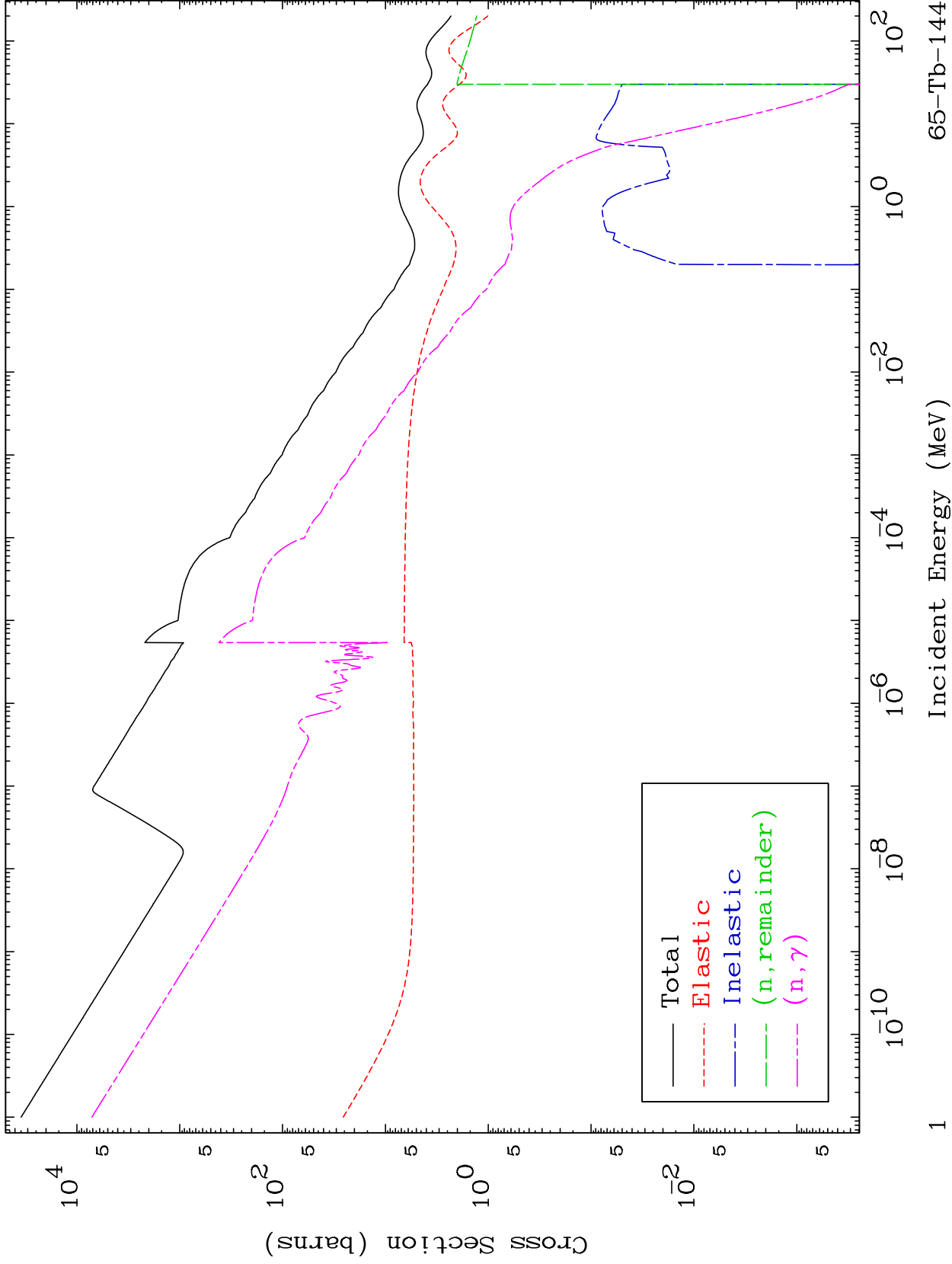
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6480

Major  
293 Kelvin Cross Sections

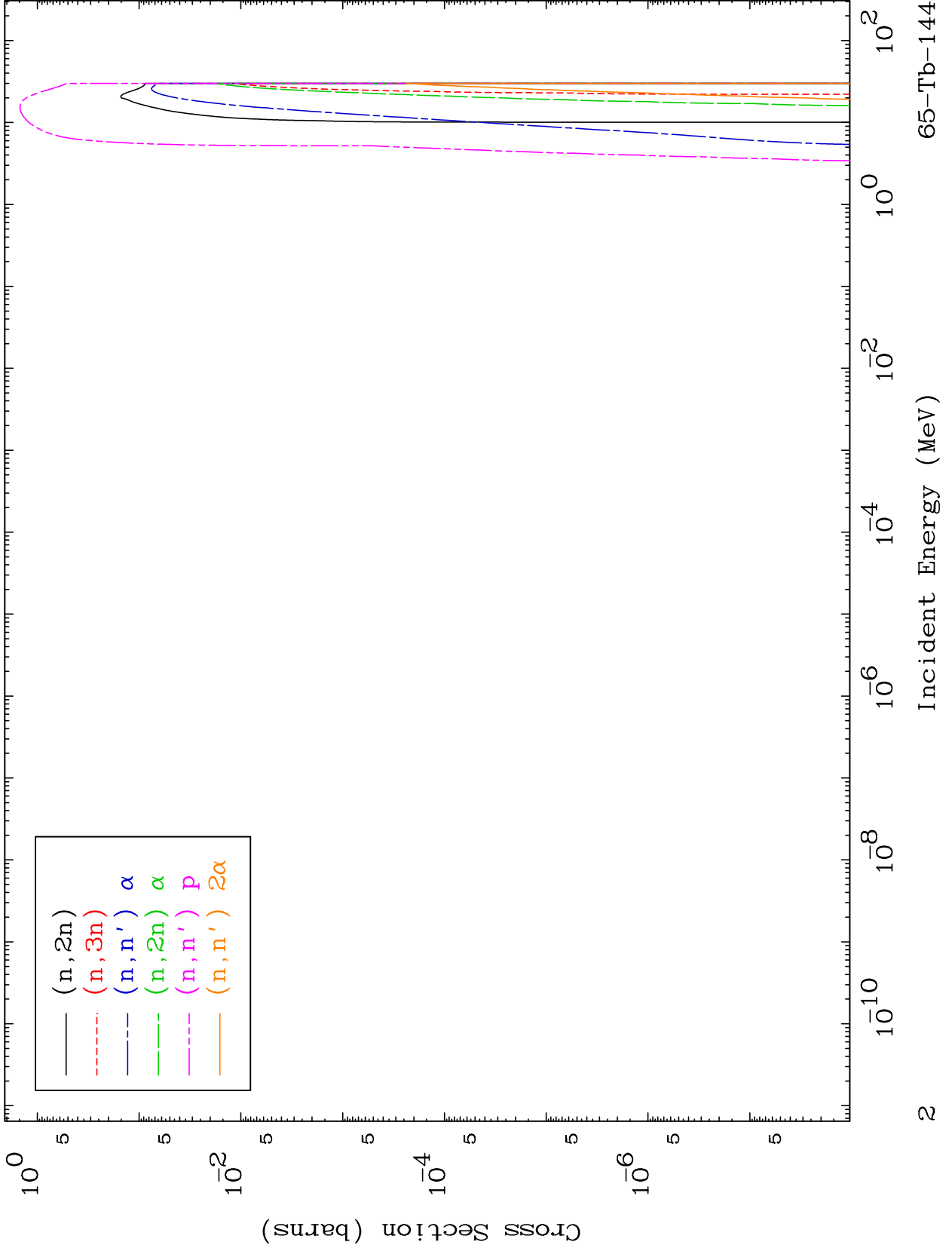
65-Tb-144

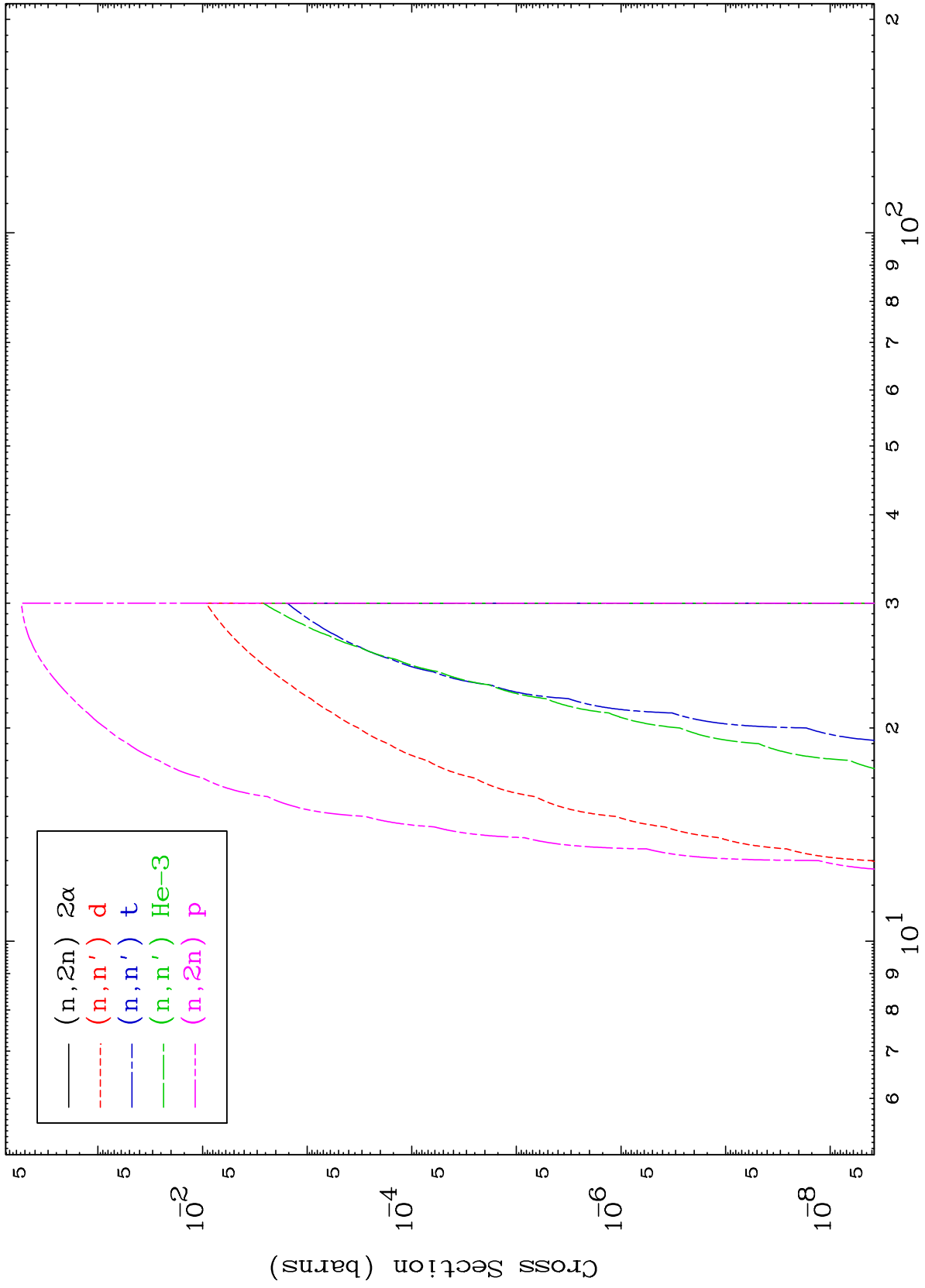


MAT 6480

Neutron Production  
293 Kelvin Cross Sections

65-Tb-144

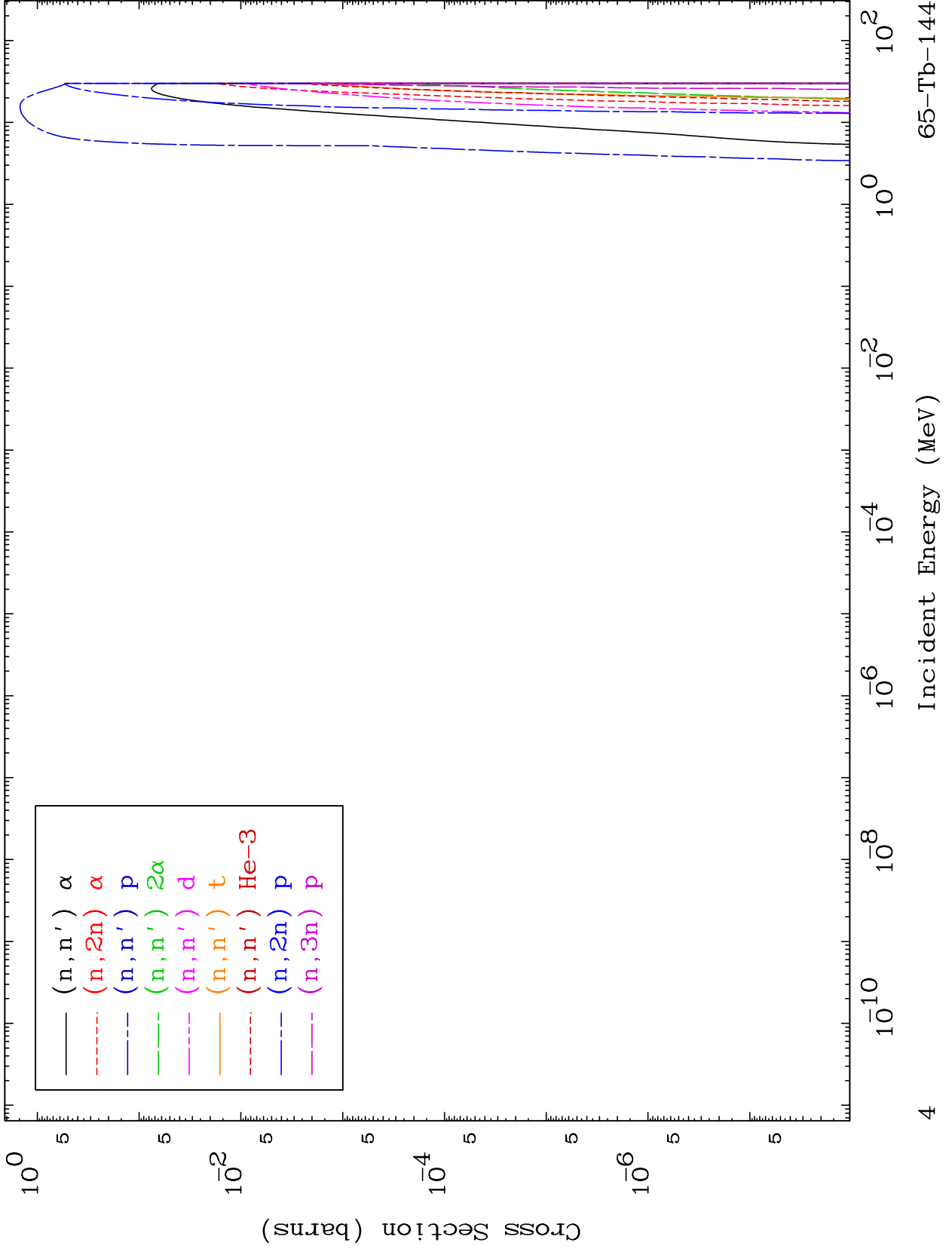




MAT 6480

Charged Particle  
293 Kelvin Cross Sections

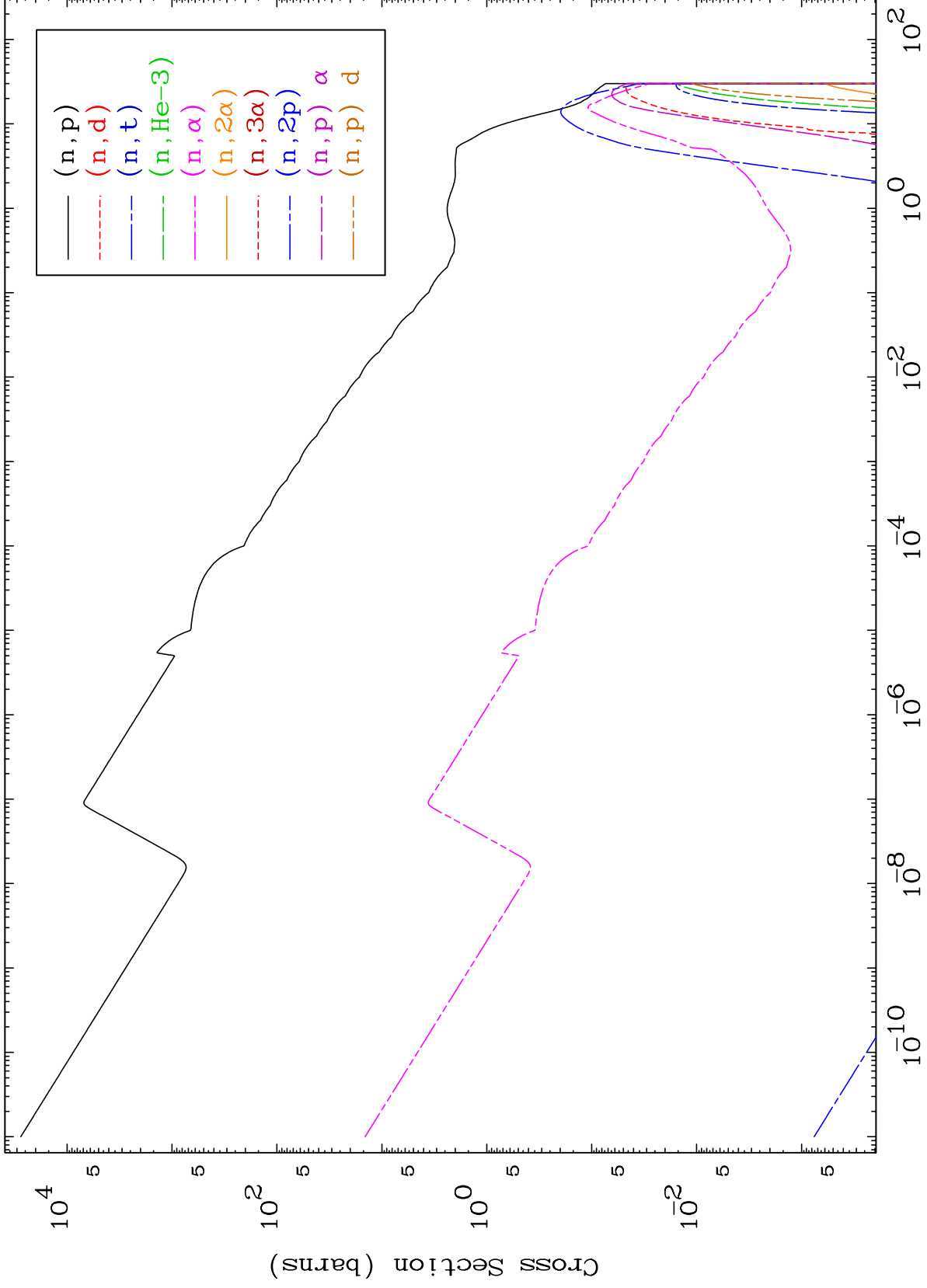
65-Tb-144



MAT 6480

Charged Particle  
293 Kelvin Cross Sections

65-Tb-144

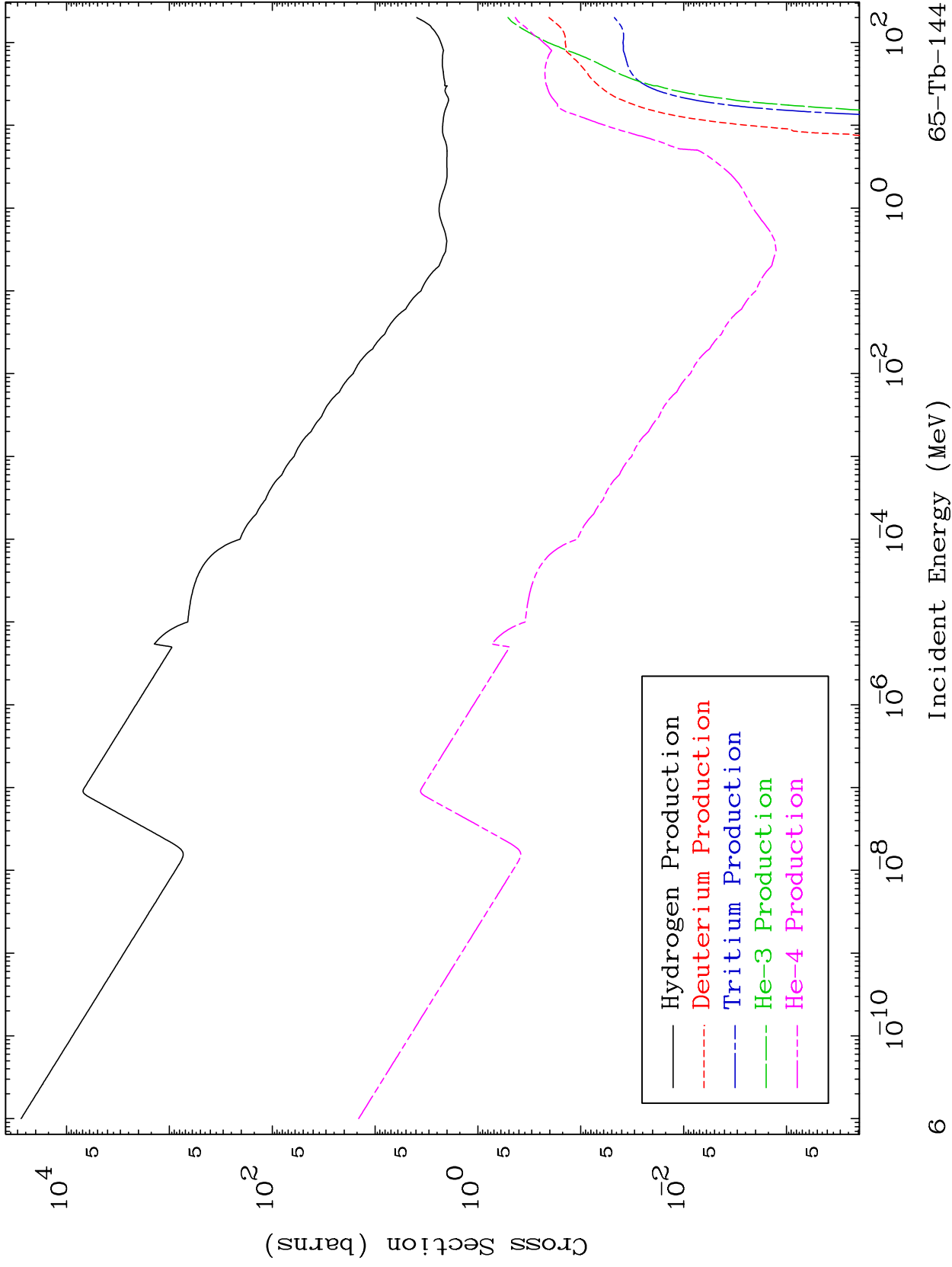


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MAT 6480

Particle Production  
293 Kelvin Cross Sections

65-Tb-144

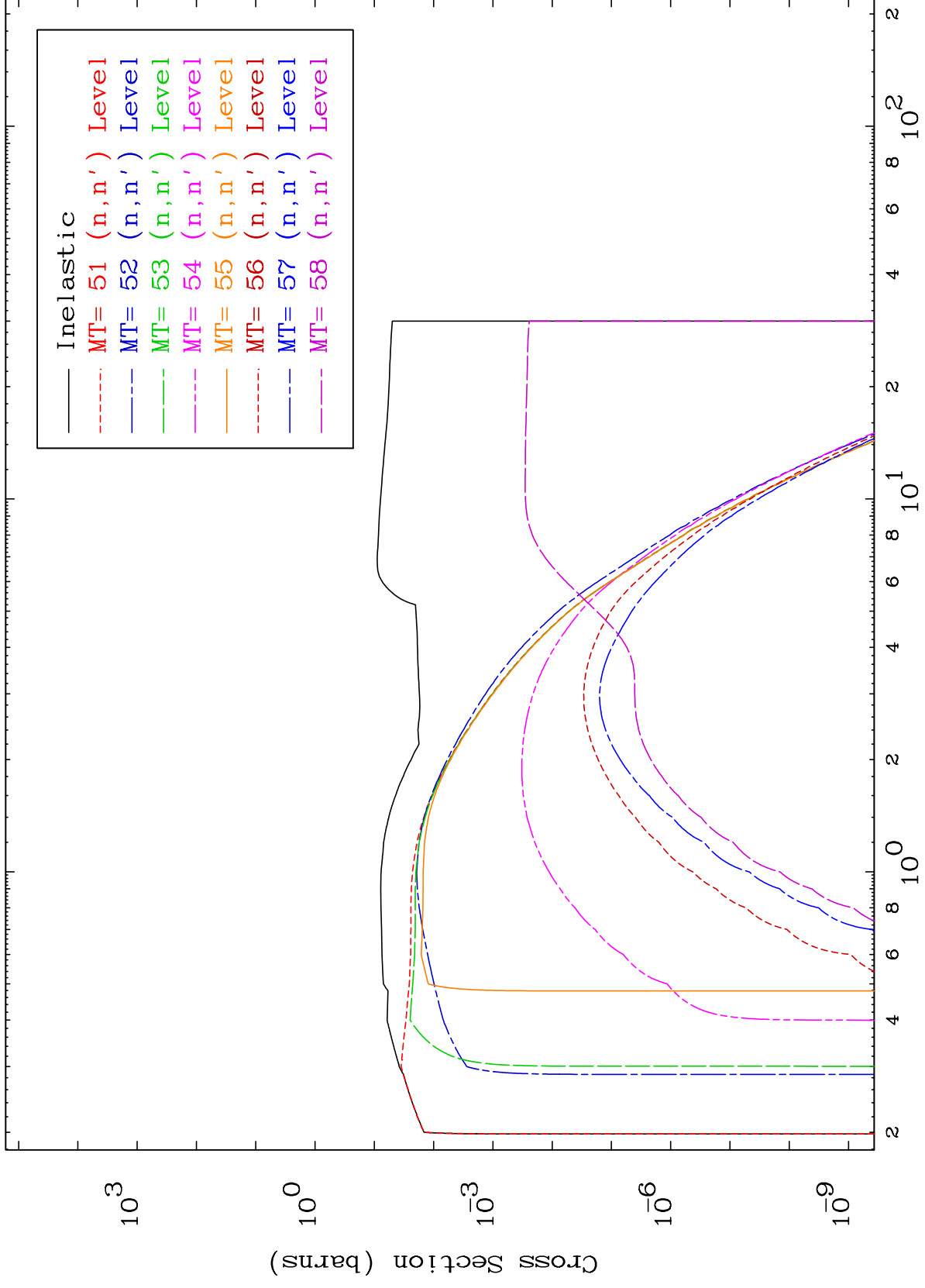


MAT 6480

(n,n') Level

65-Tb-144

293 Kelvin Cross Sections



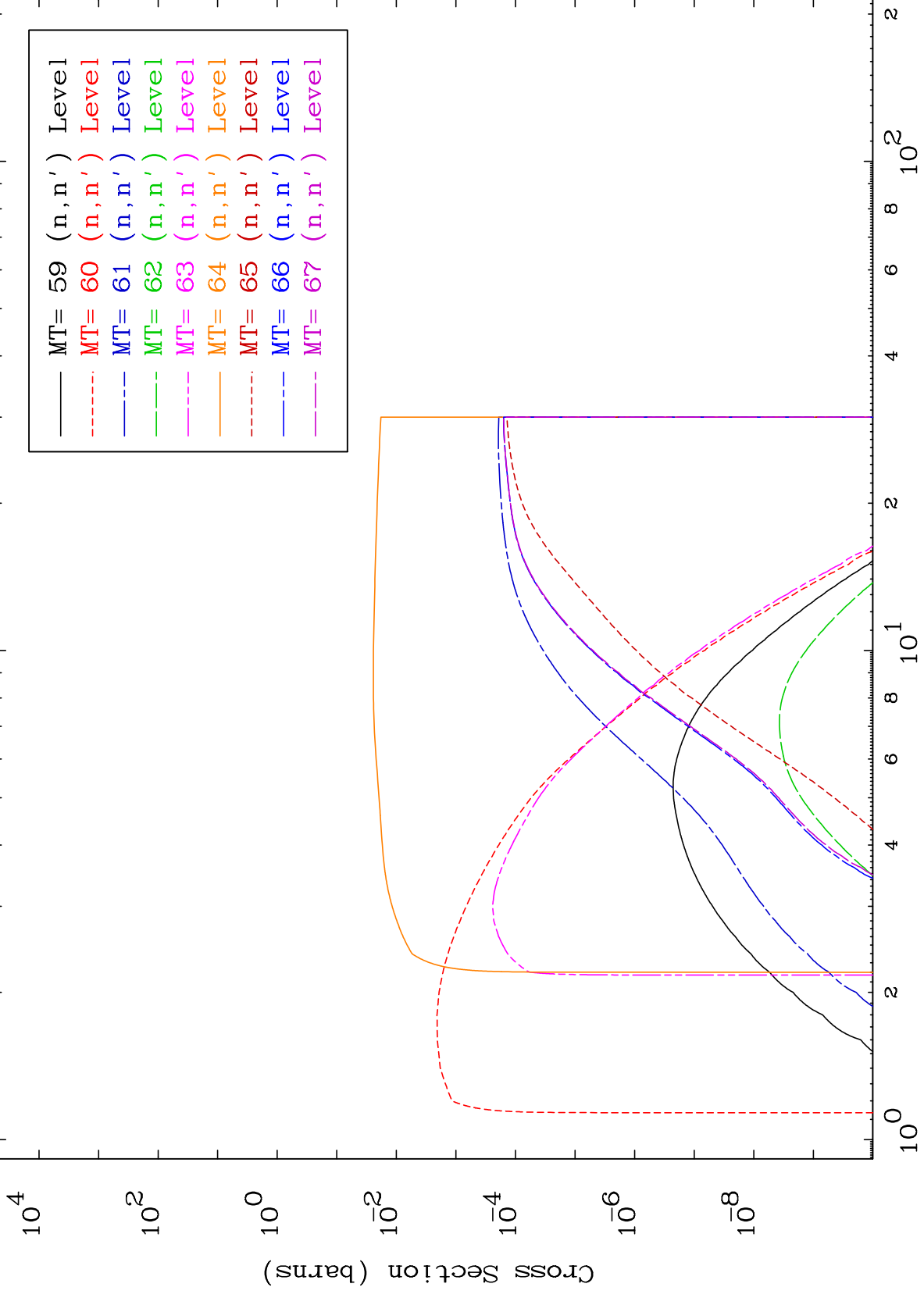


MAT 6480

(n,n') Level

293 Kelvin Cross Sections

65-Tb-144



Incident Energy (MeV)

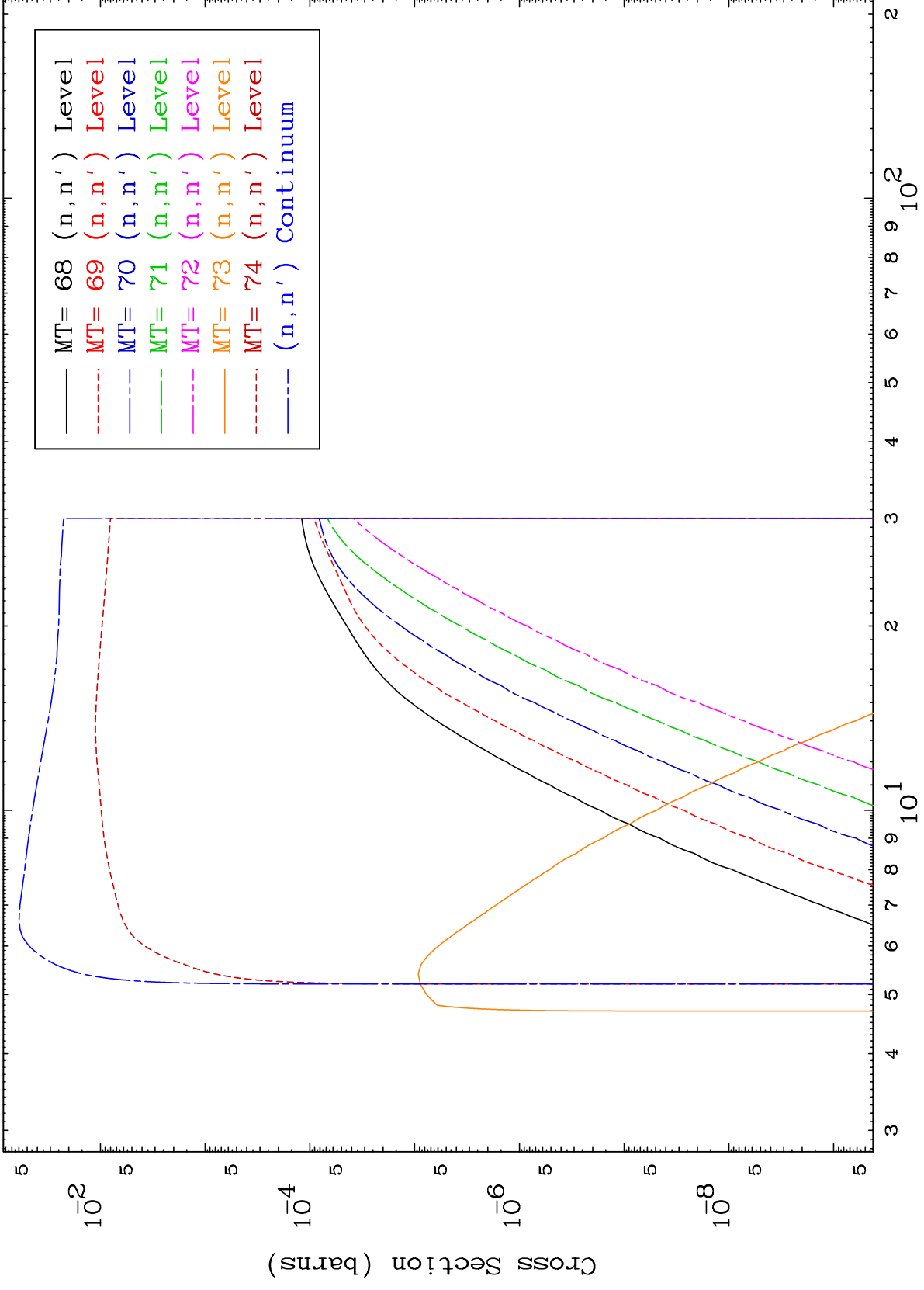
65-Tb-144

MAT 6480

(n,n') Level

65-Tb-144

293 Kelvin Cross Sections



9

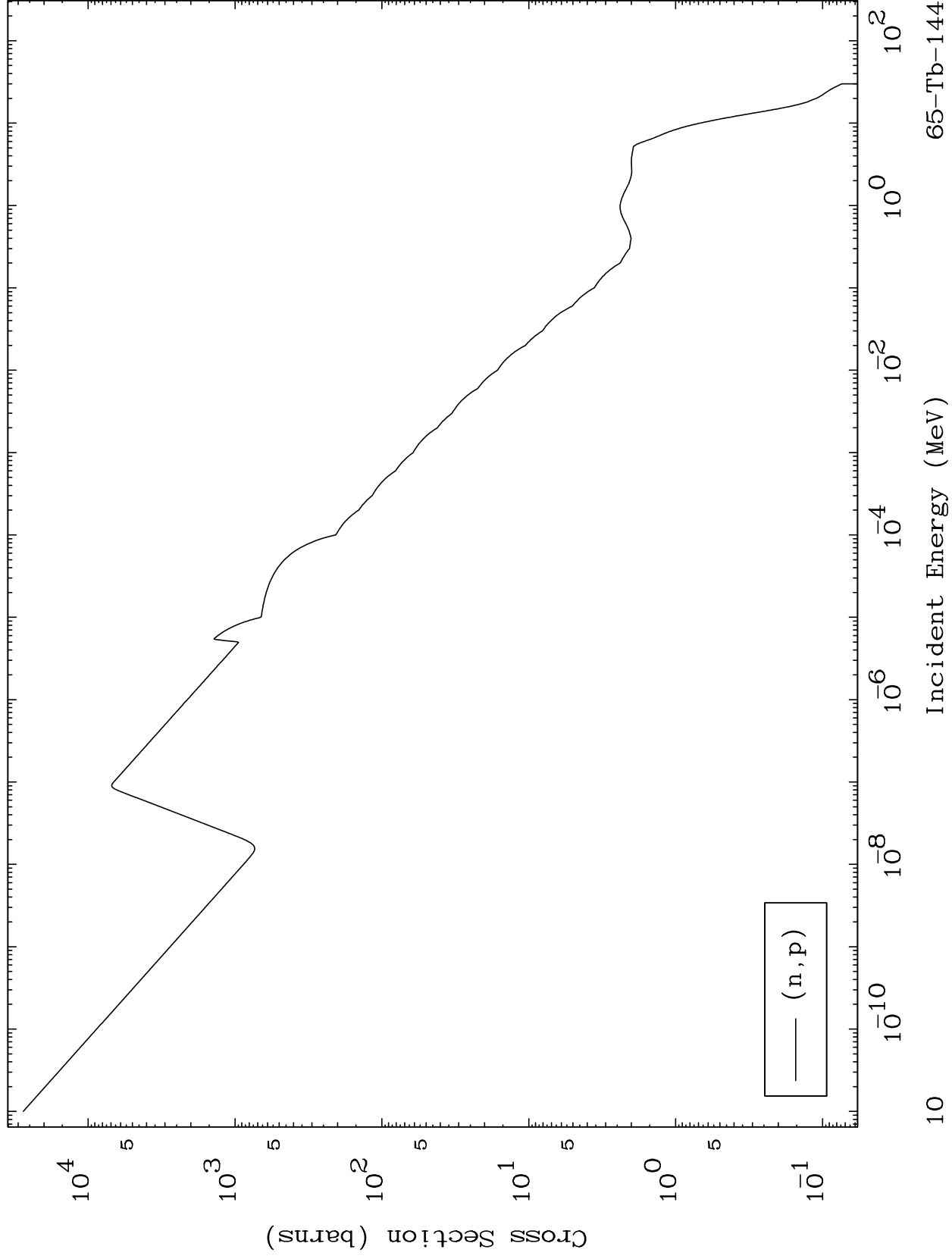
Incident Energy (MeV)

65-Tb-144

MAT 6480

(n,p) Levels  
293 Kelvin Cross Sections

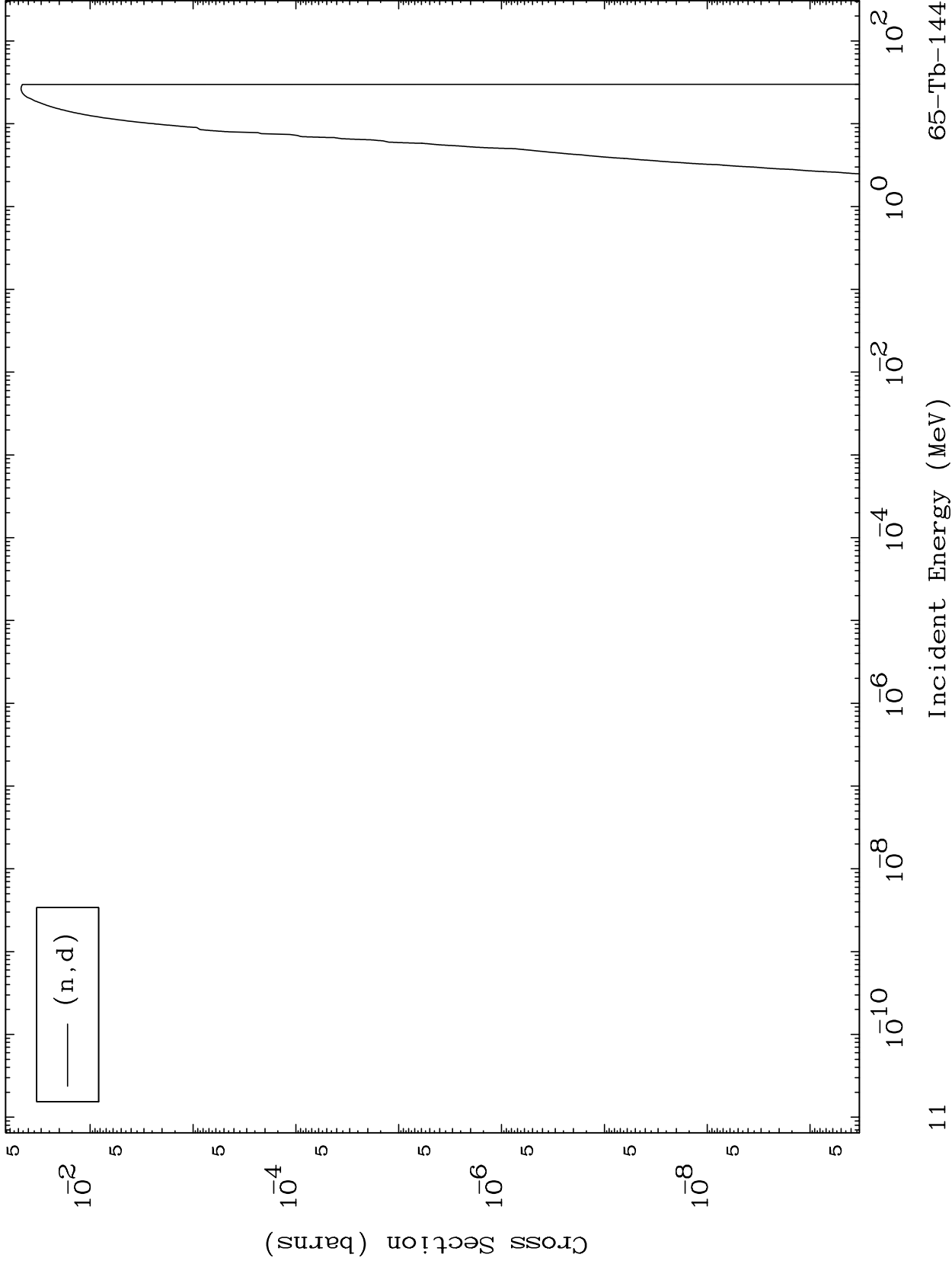
65-Tb-144



MAT 6480

(n,d) Levels  
293 Kelvin Cross Sections

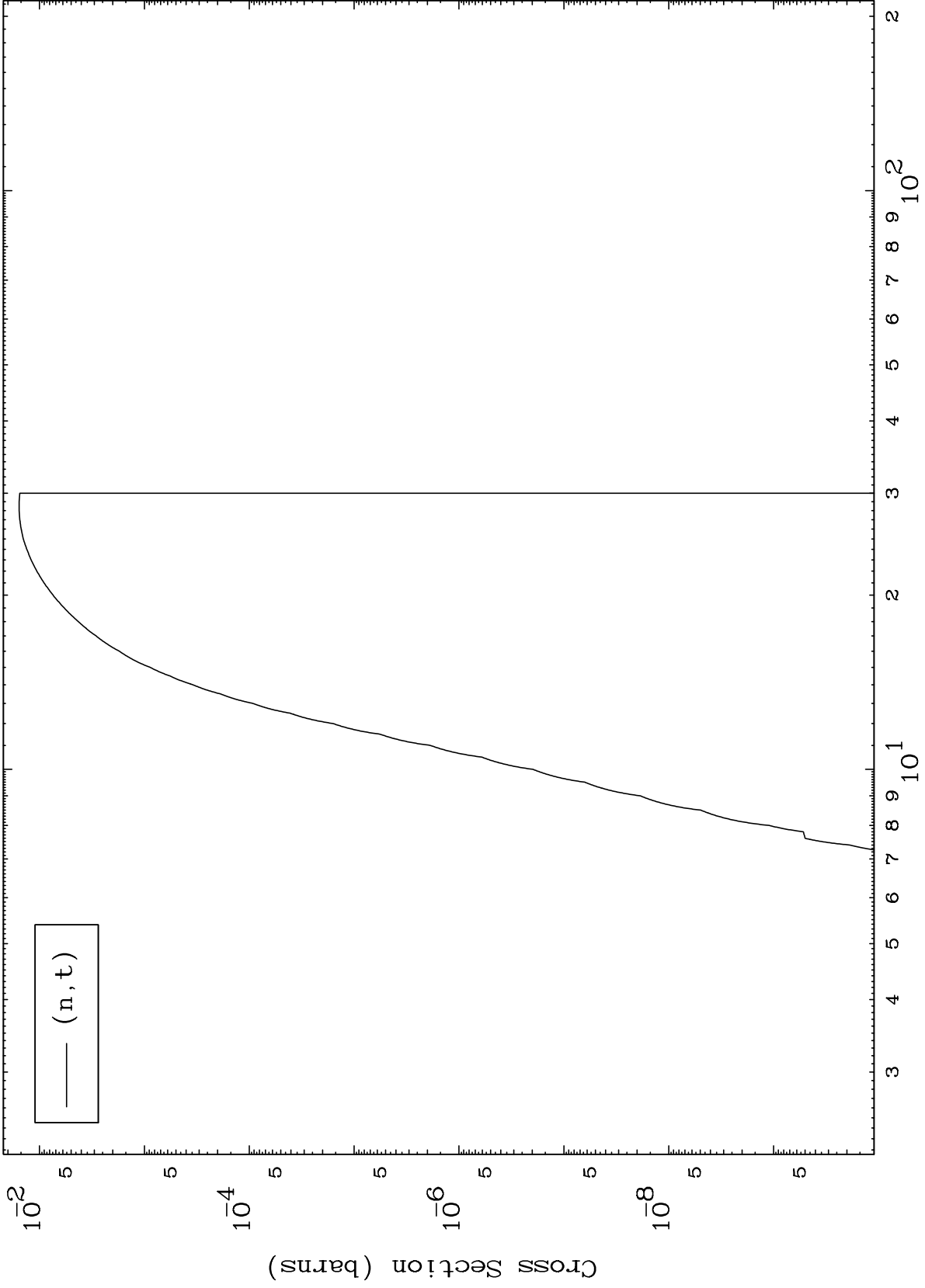
65-Tb-144



MAT 6480

(n,t) Levels  
293 Kelvin Cross Sections

65-Tb-144



12

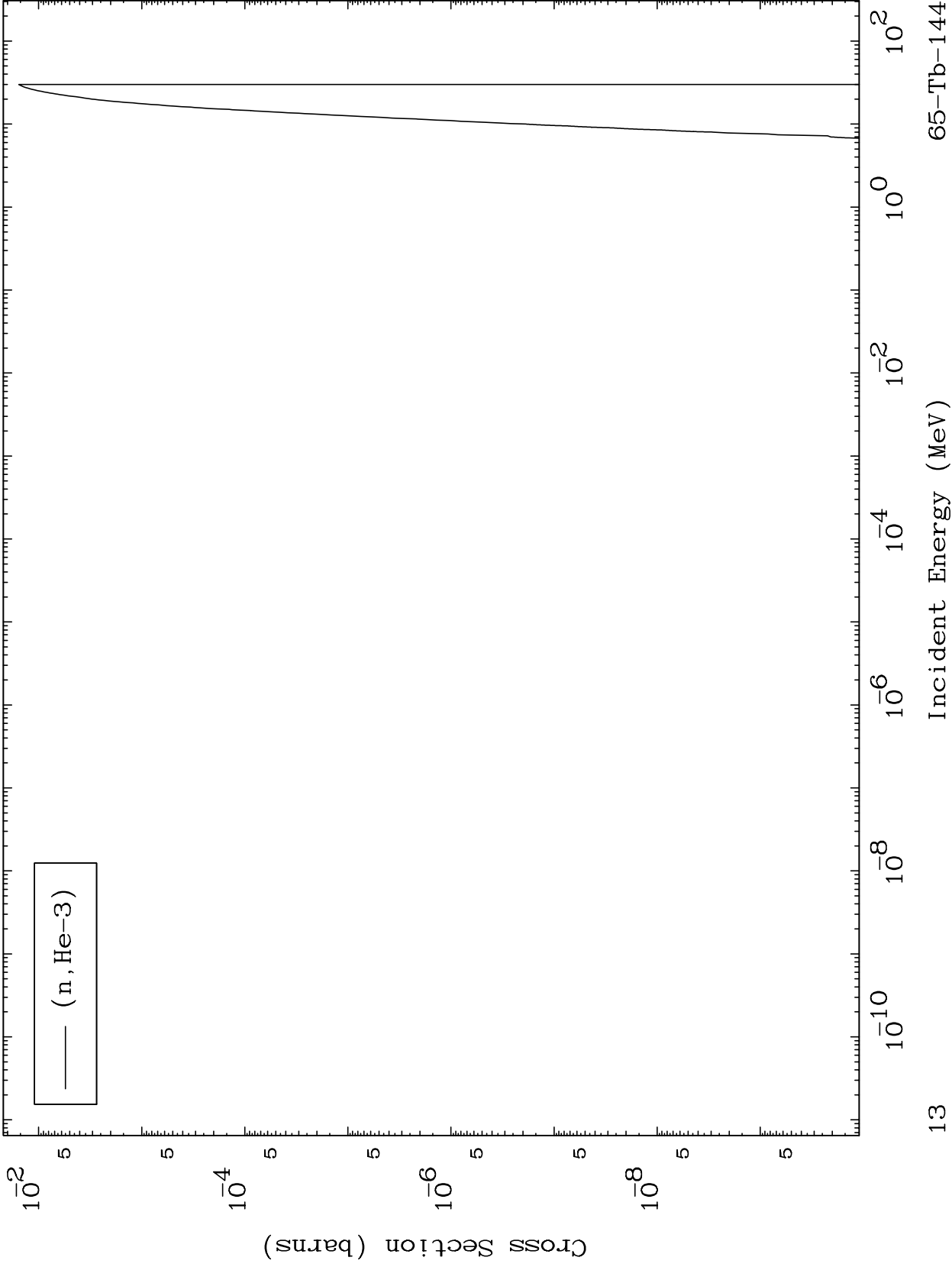
Incident Energy (MeV)

65-Tb-144

MAT 6480

(n,He3) Levels  
293 Kelvin Cross Sections

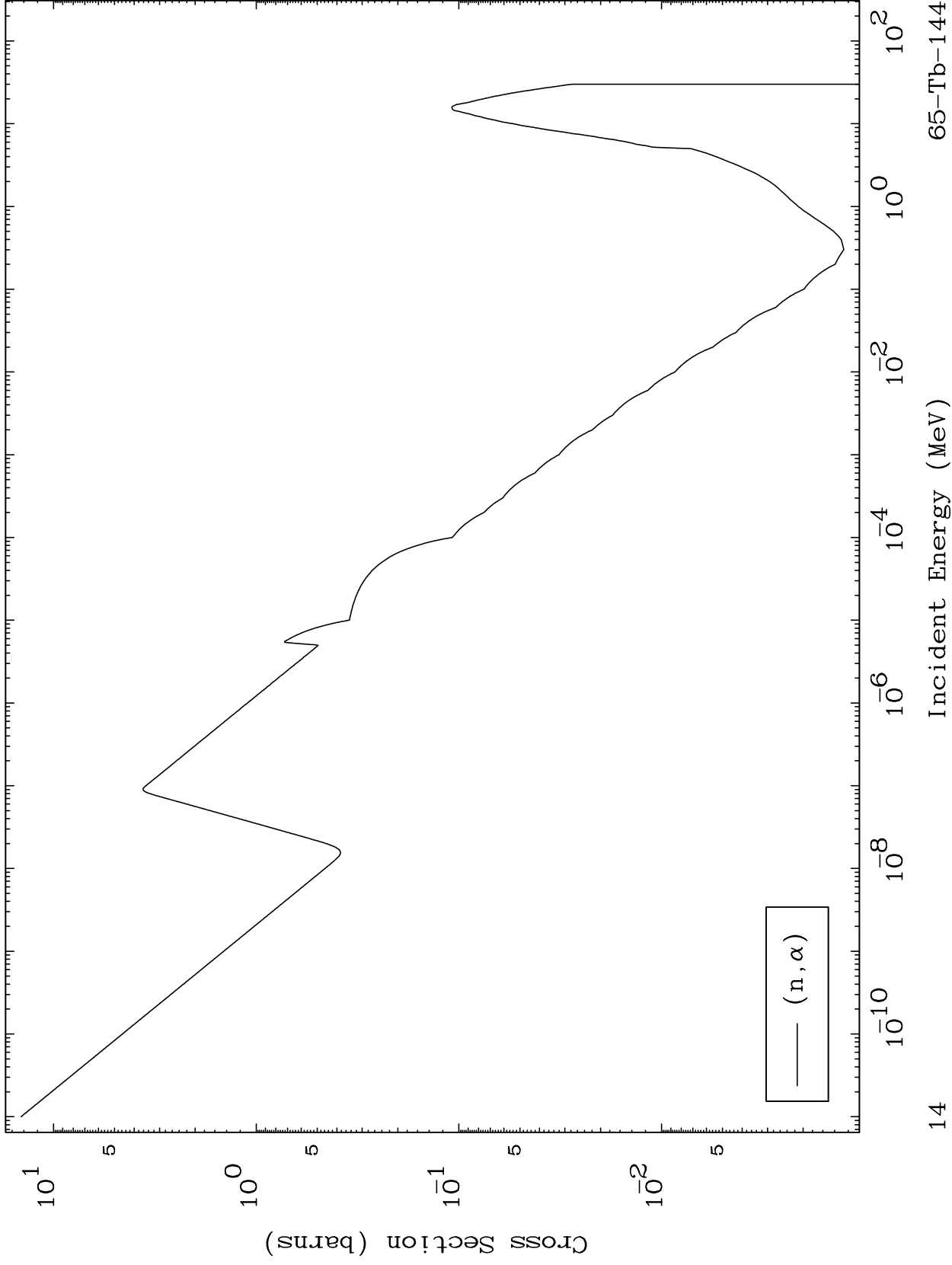
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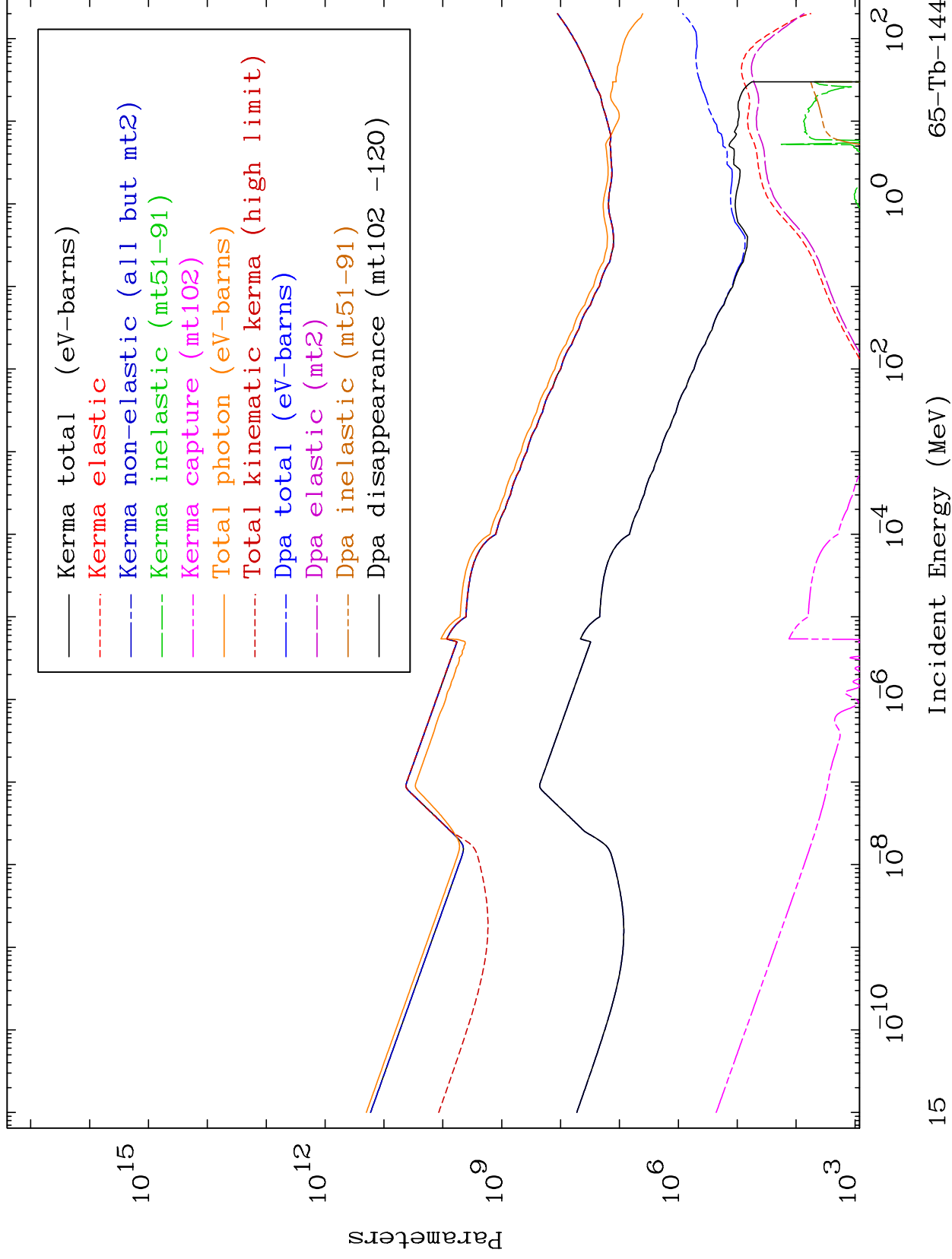


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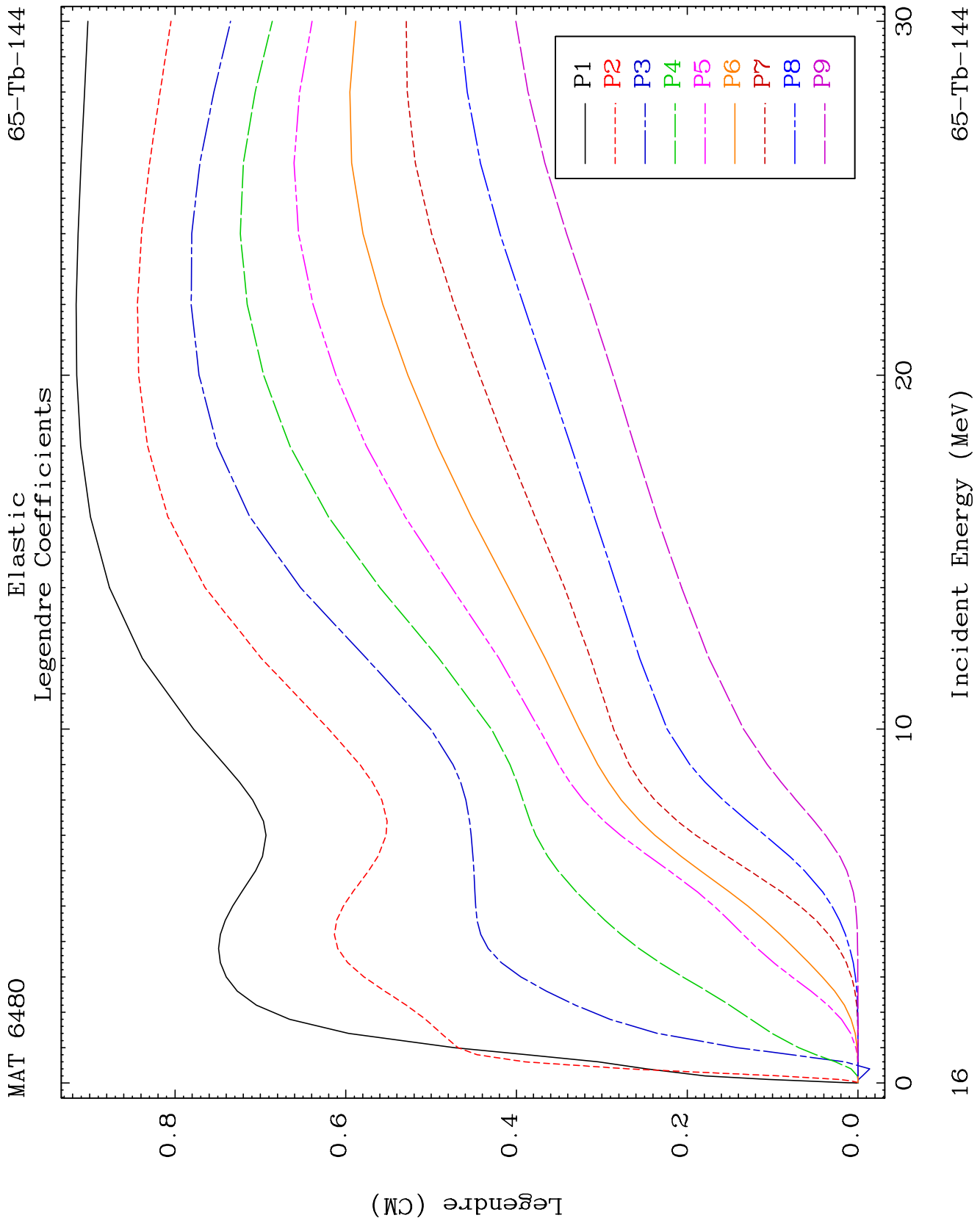
(n,α) Levels  
293 Kelvin Cross Sections

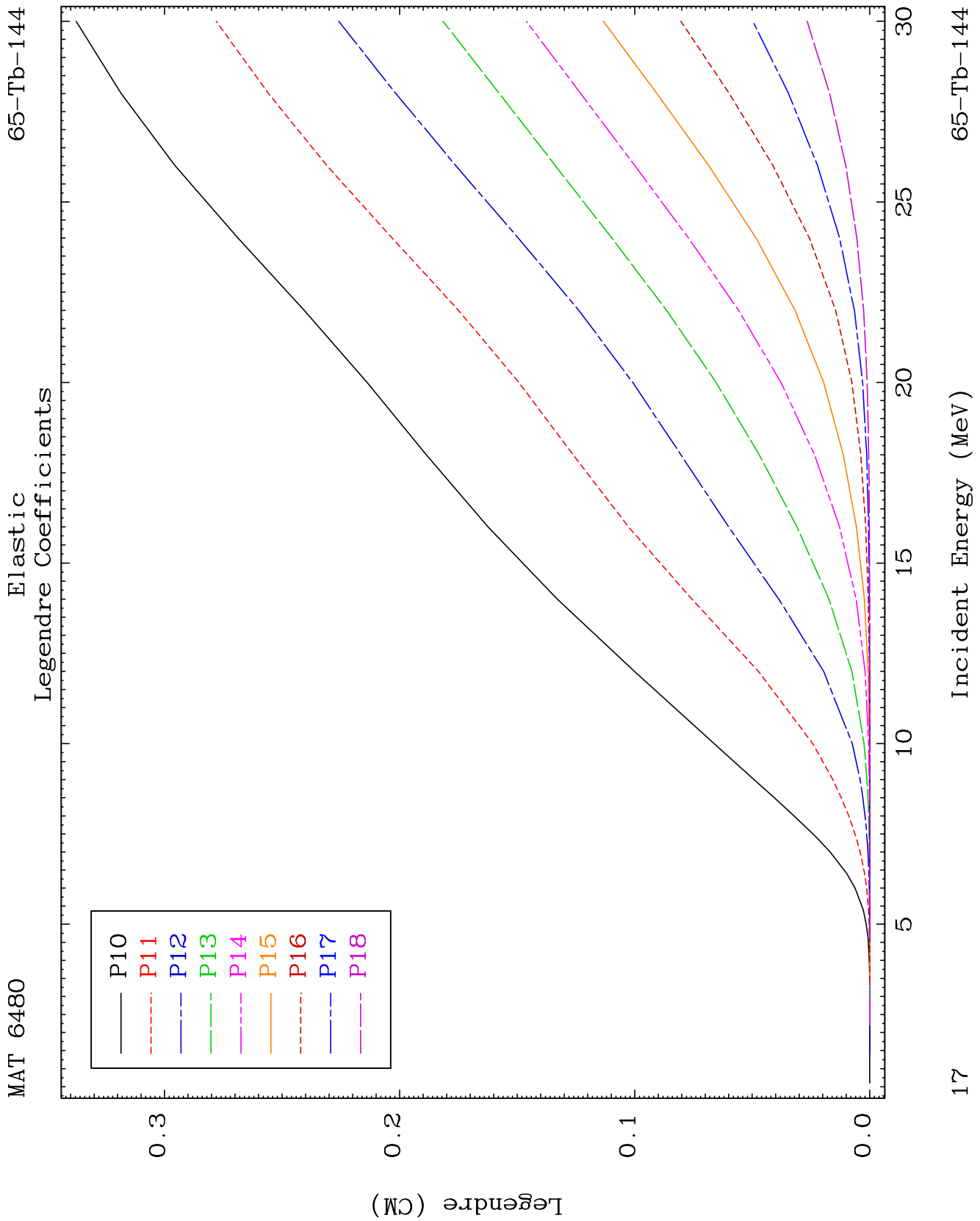
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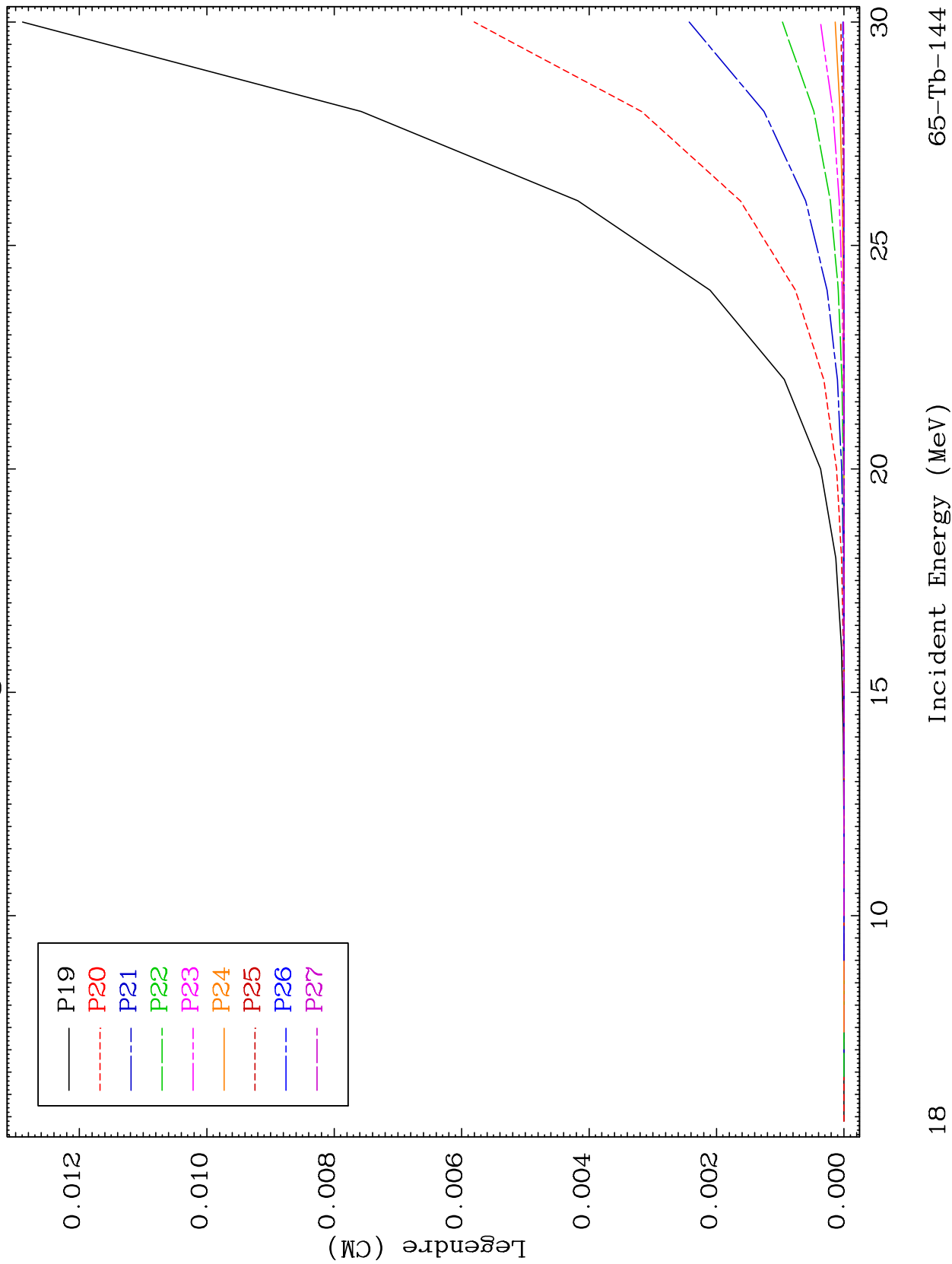




MAT 6480

### Elastic Legendre Coefficients

65-Tb-144



18

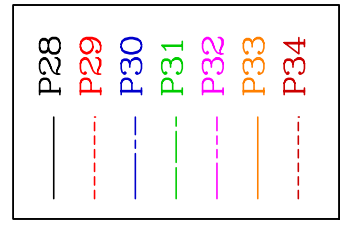
Incident Energy (MeV)

65-Tb-144

MAT 6480

Elastic  
Legendre Coefficients

65-Tb-144



$\times 10^{-6}$

1.5

Legendre (CM)

1.0

0.5

0.0

15

20

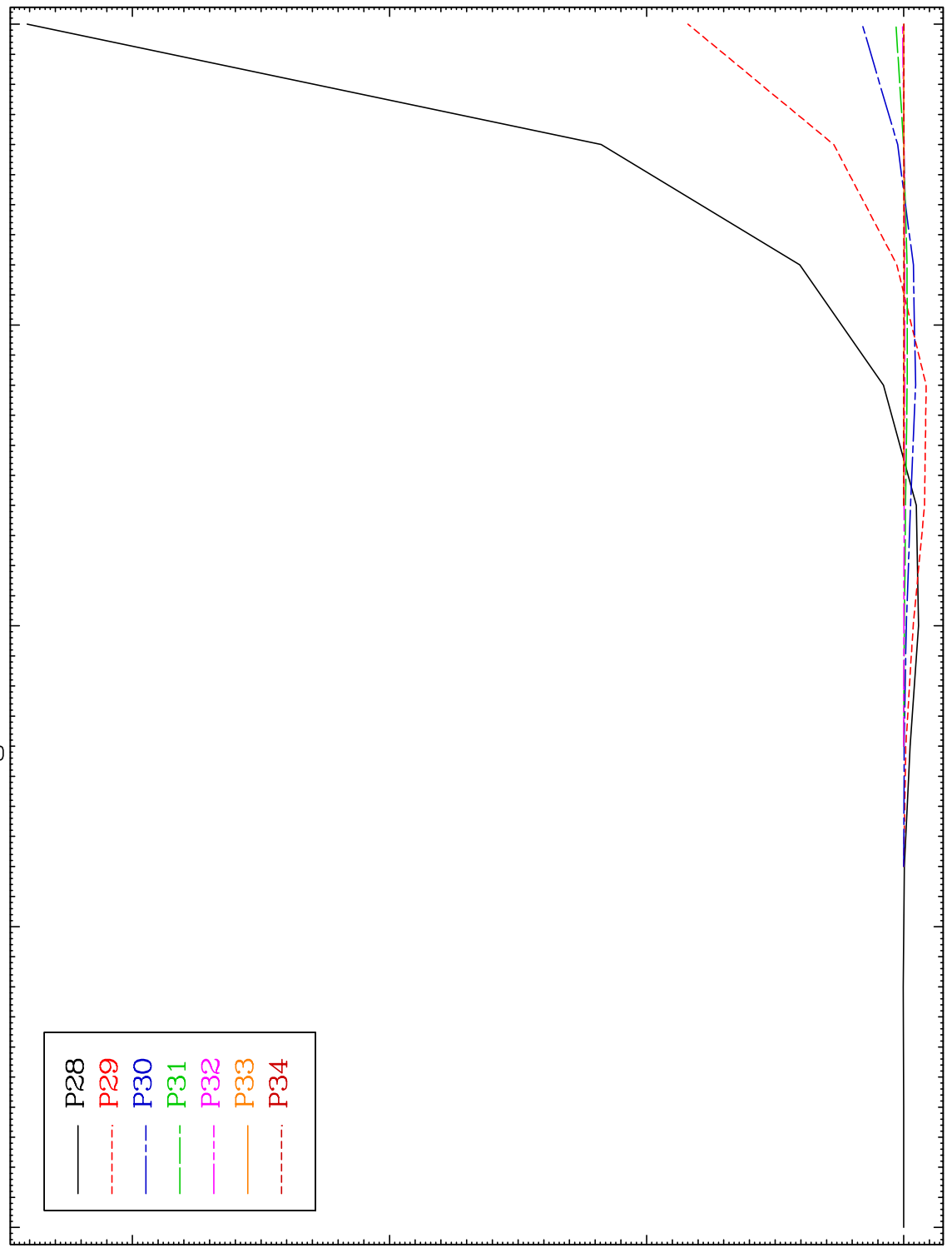
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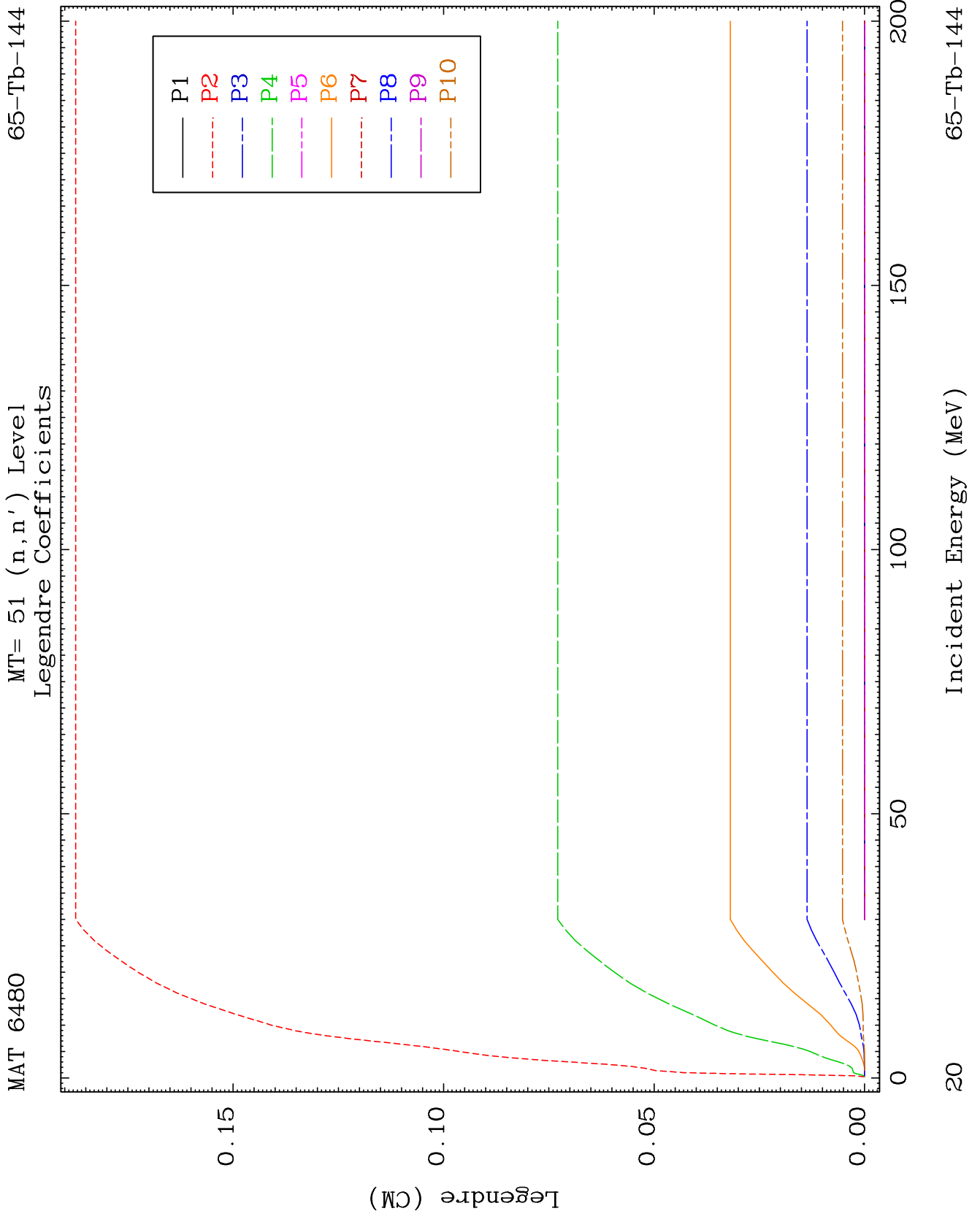
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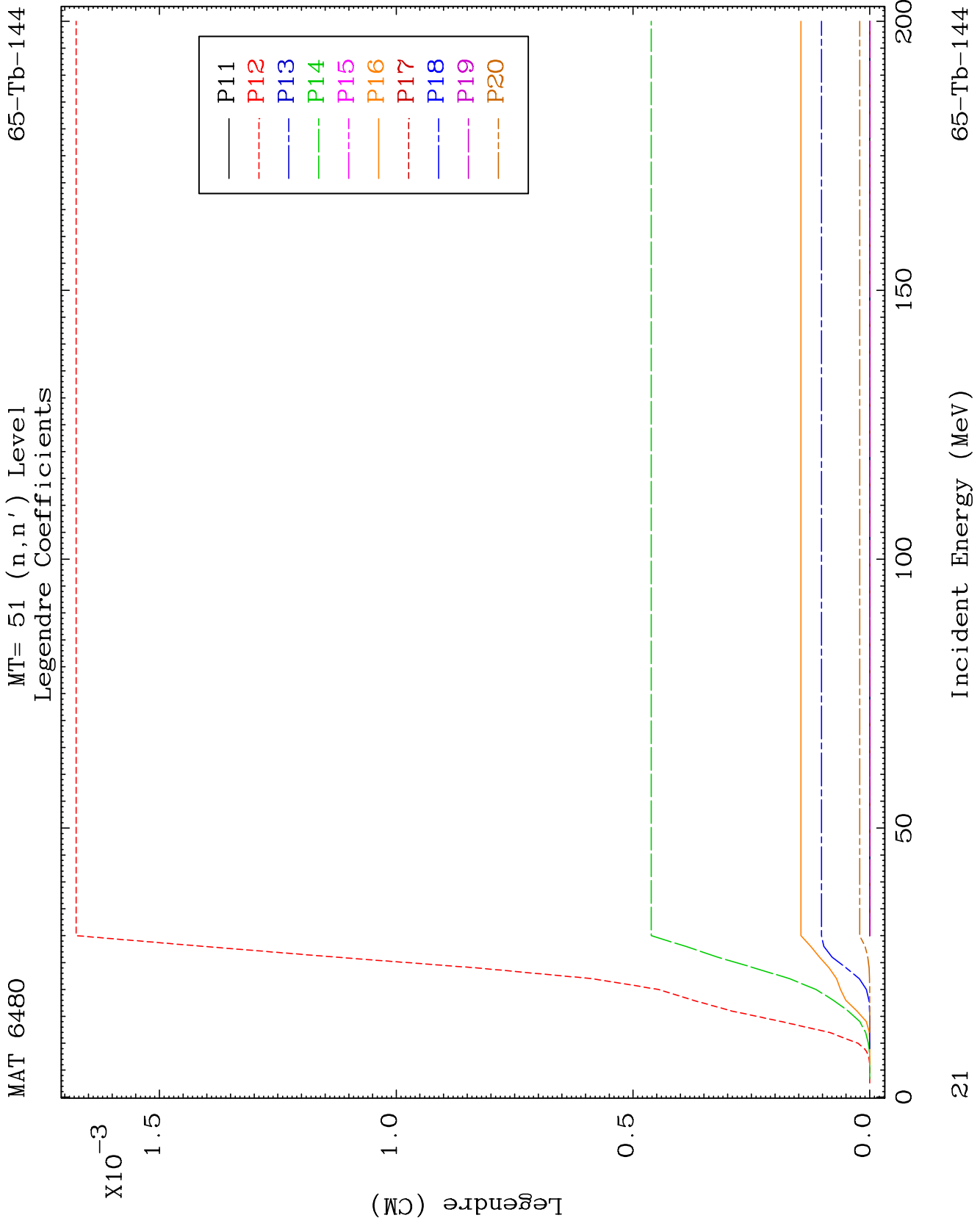
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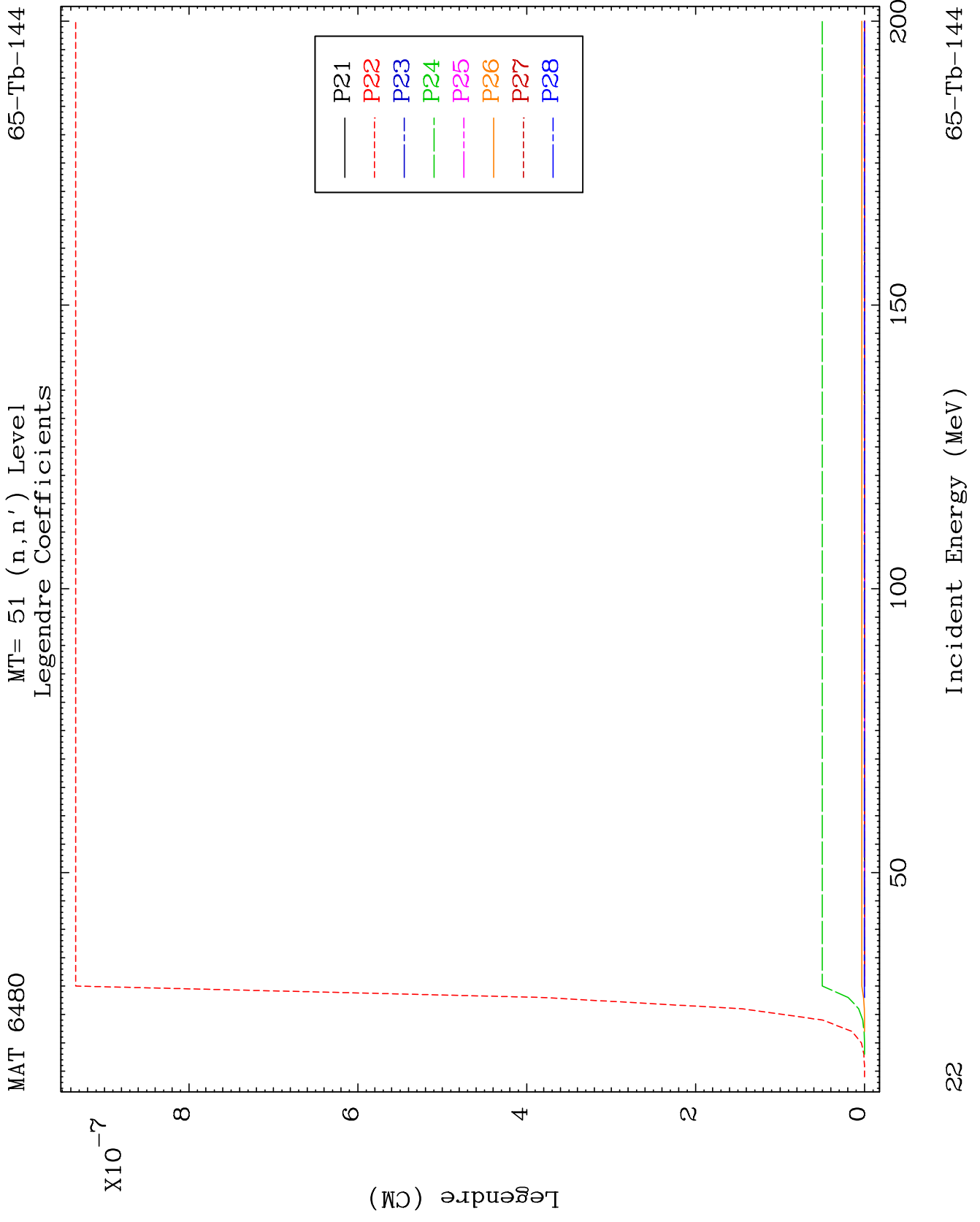
Incident Energy (MeV)

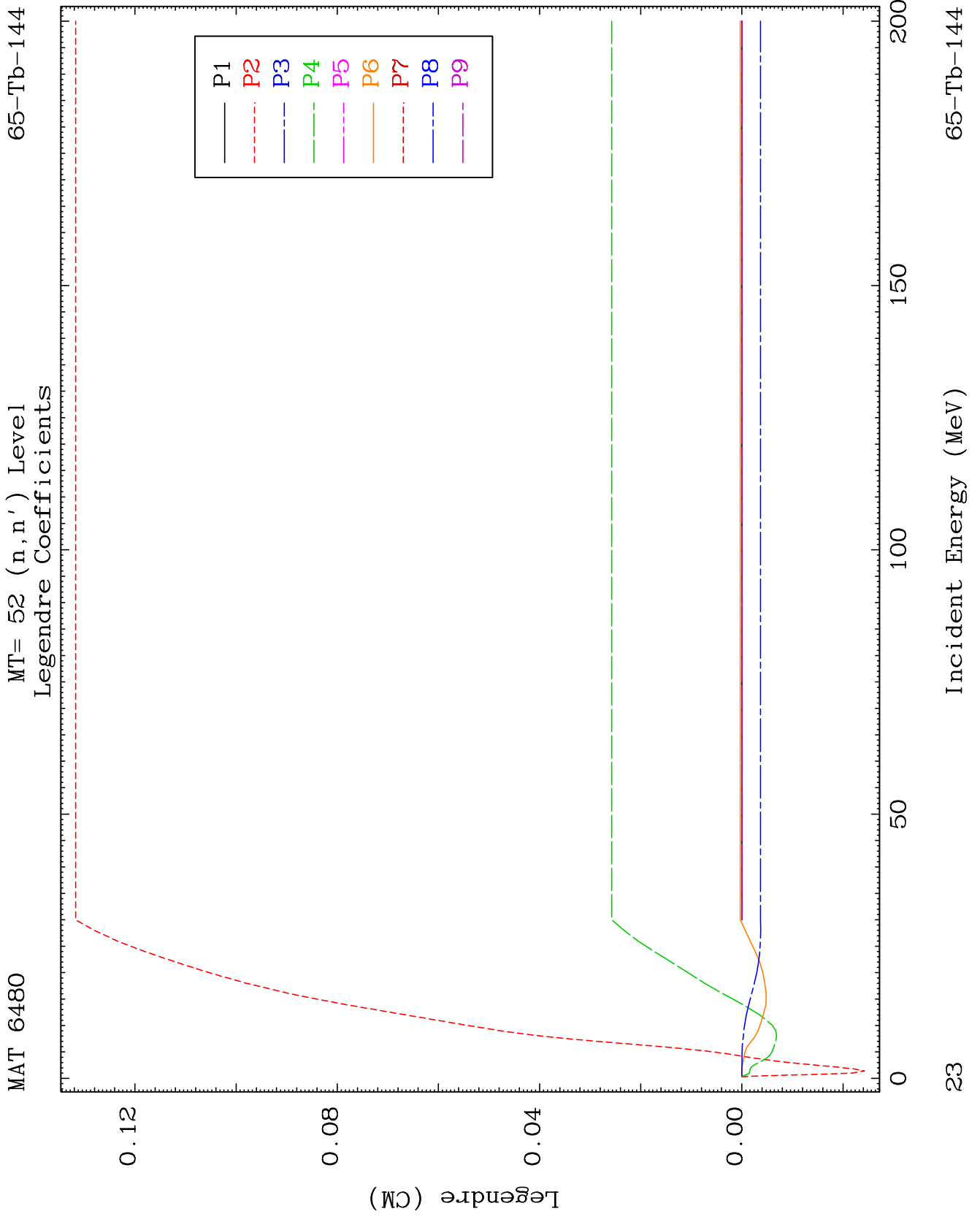
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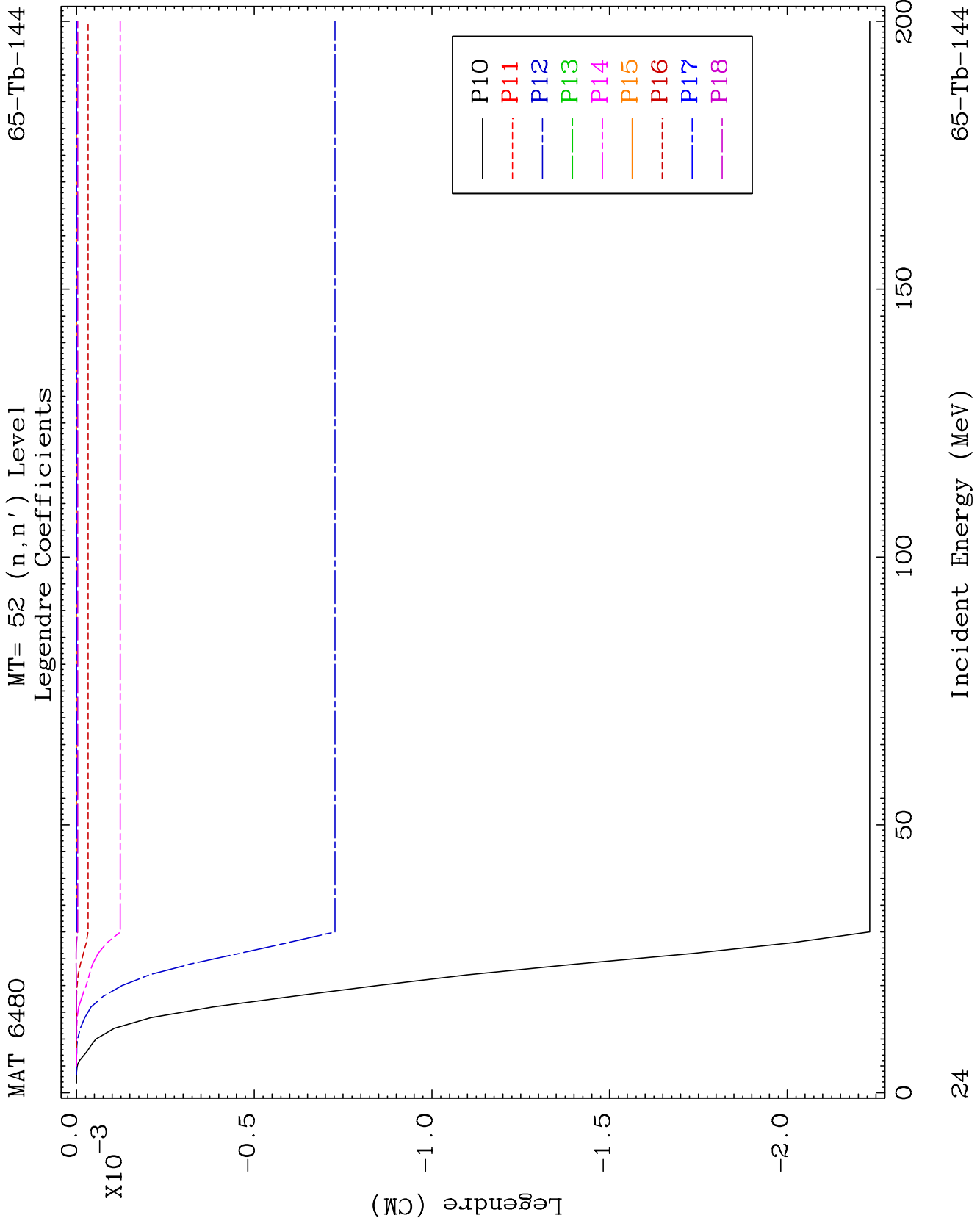








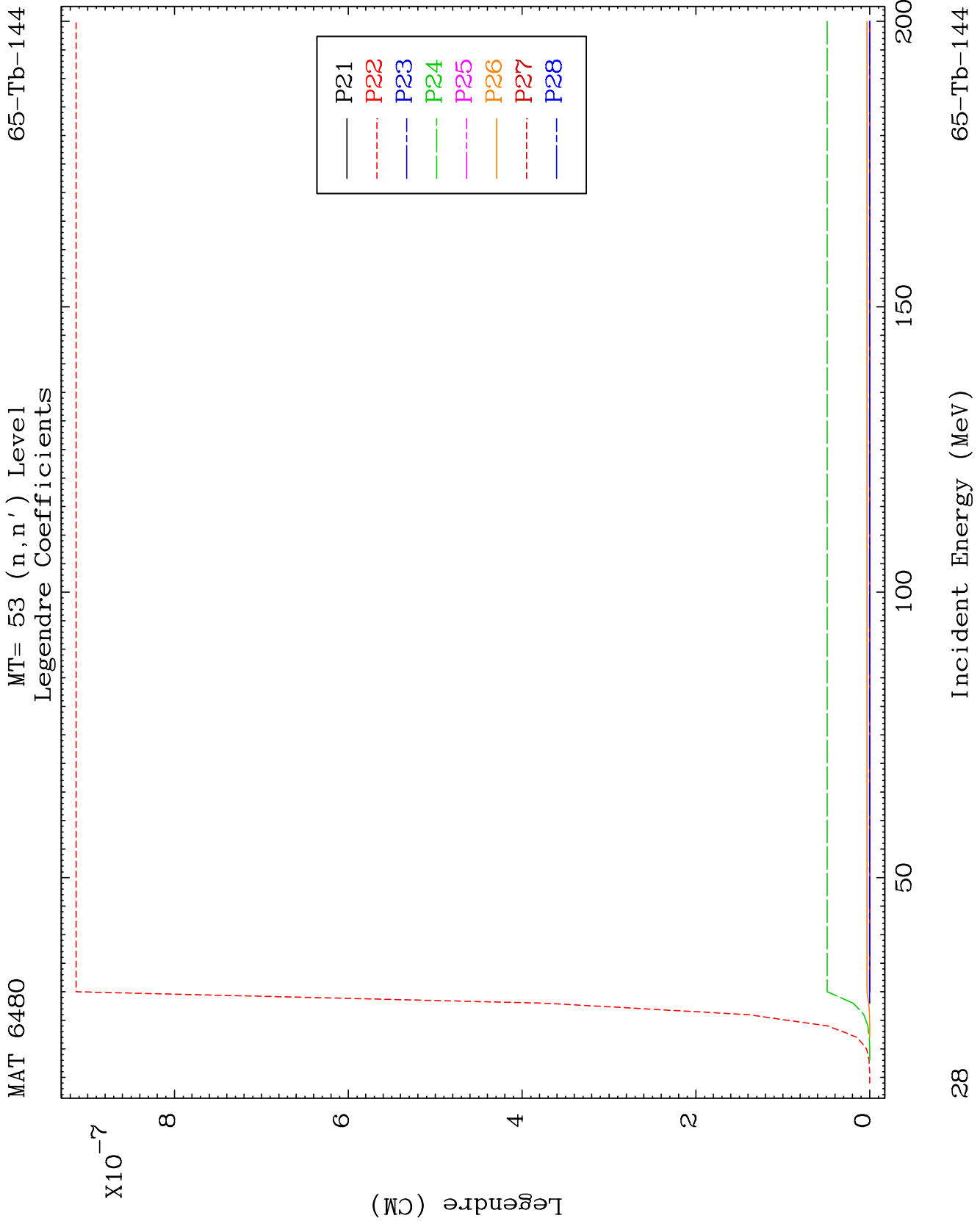








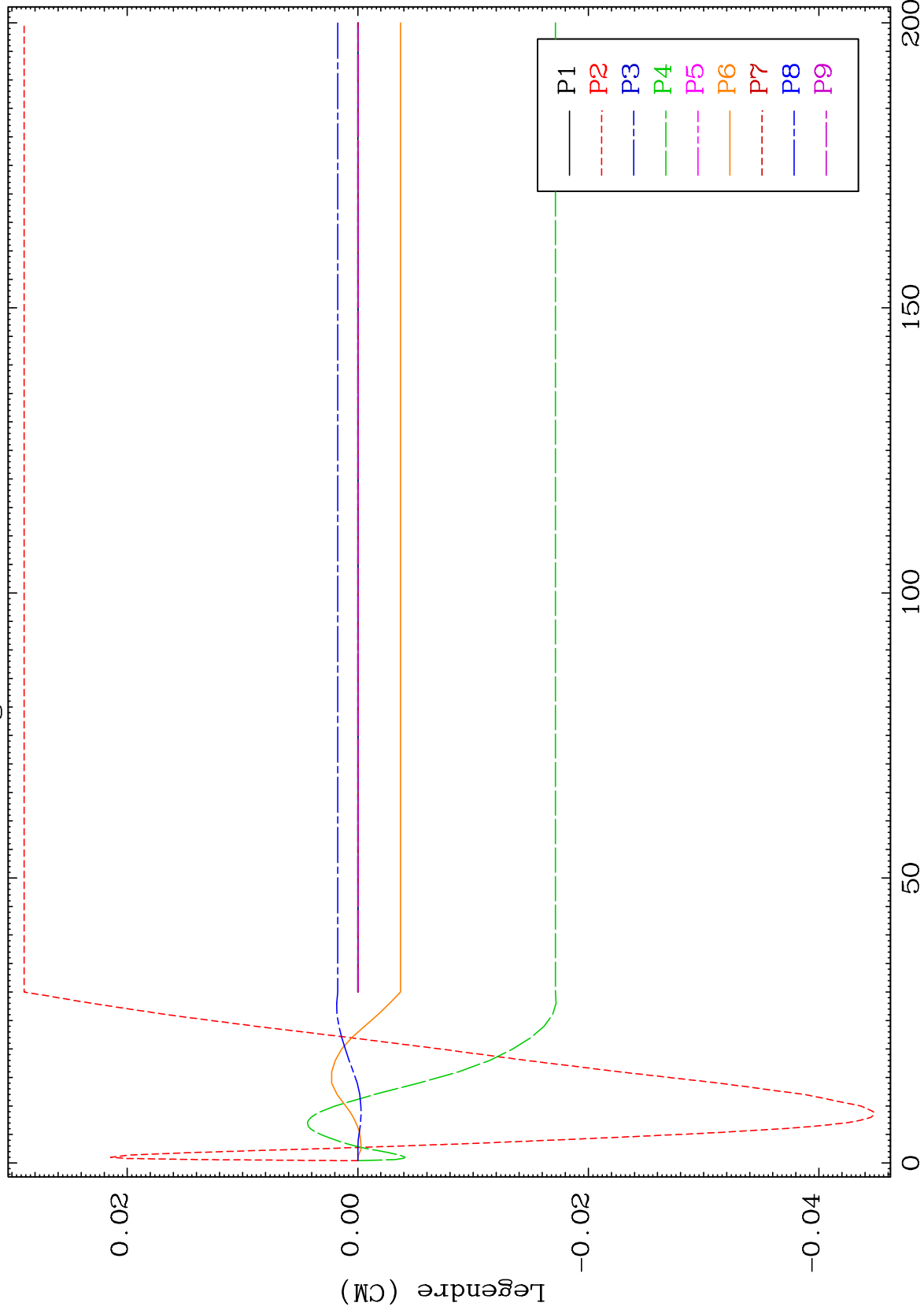




MAT 6480

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

65-Tb-144



29

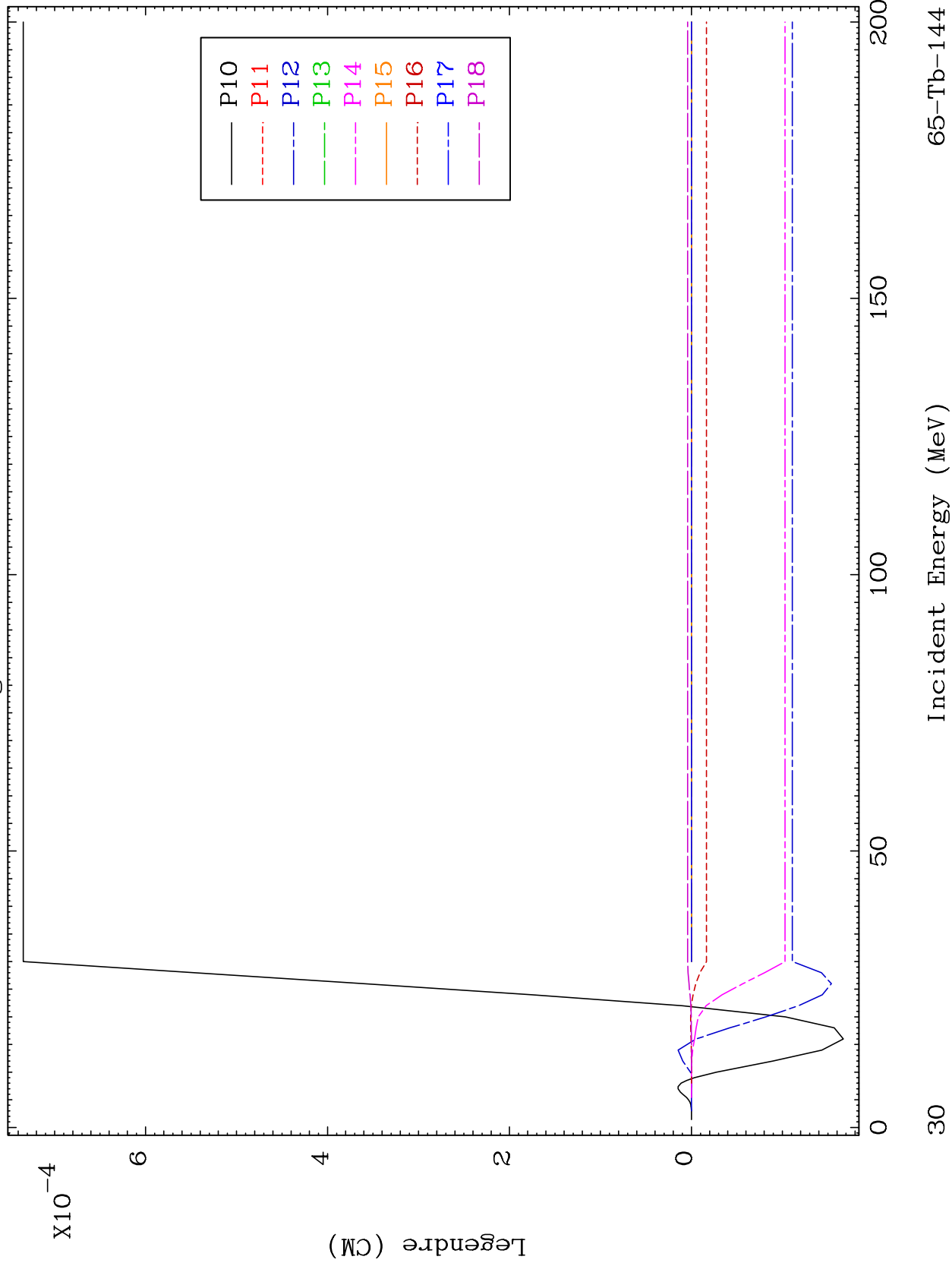
Incident Energy (MeV)

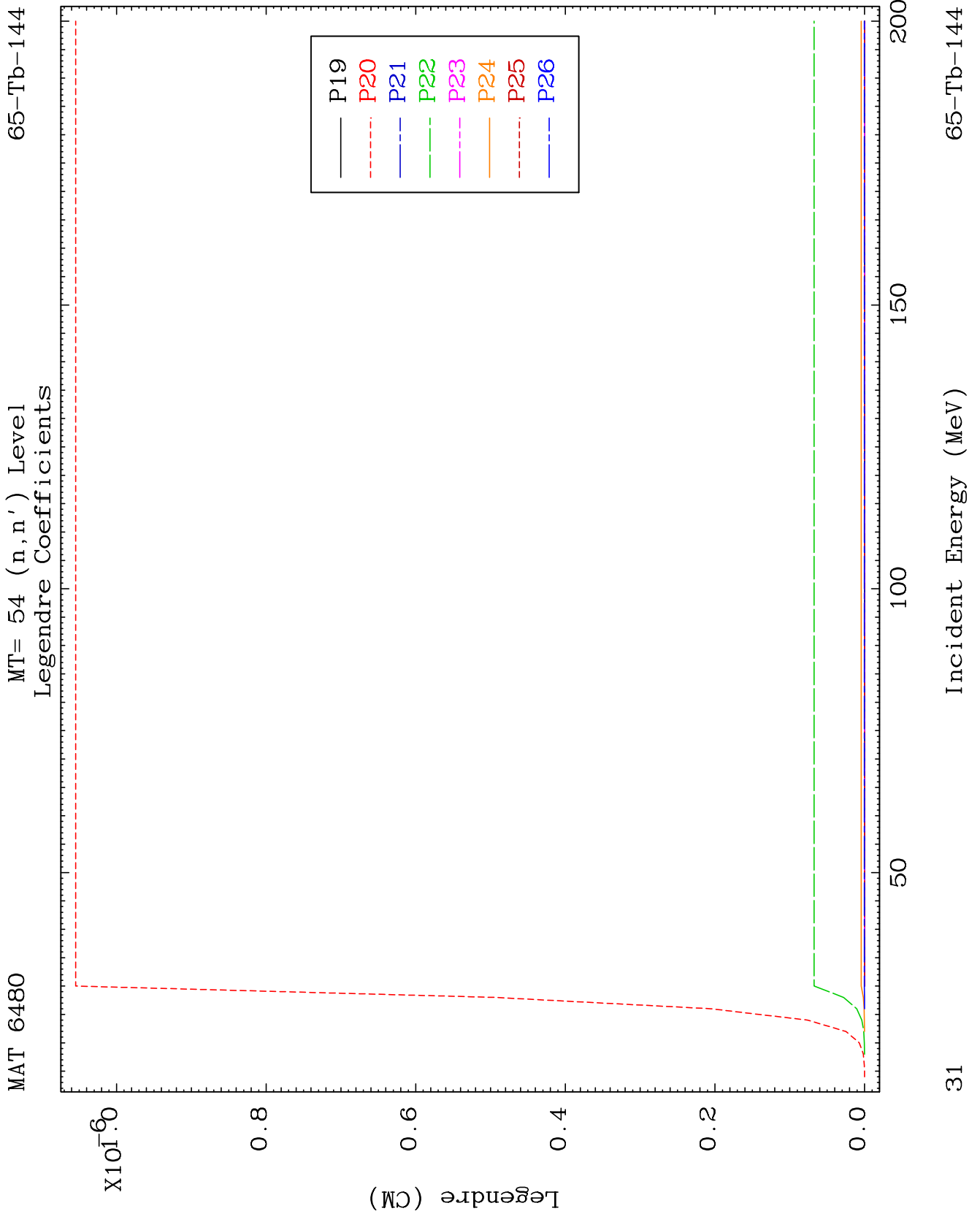
65-Tb-144

MAT 6480

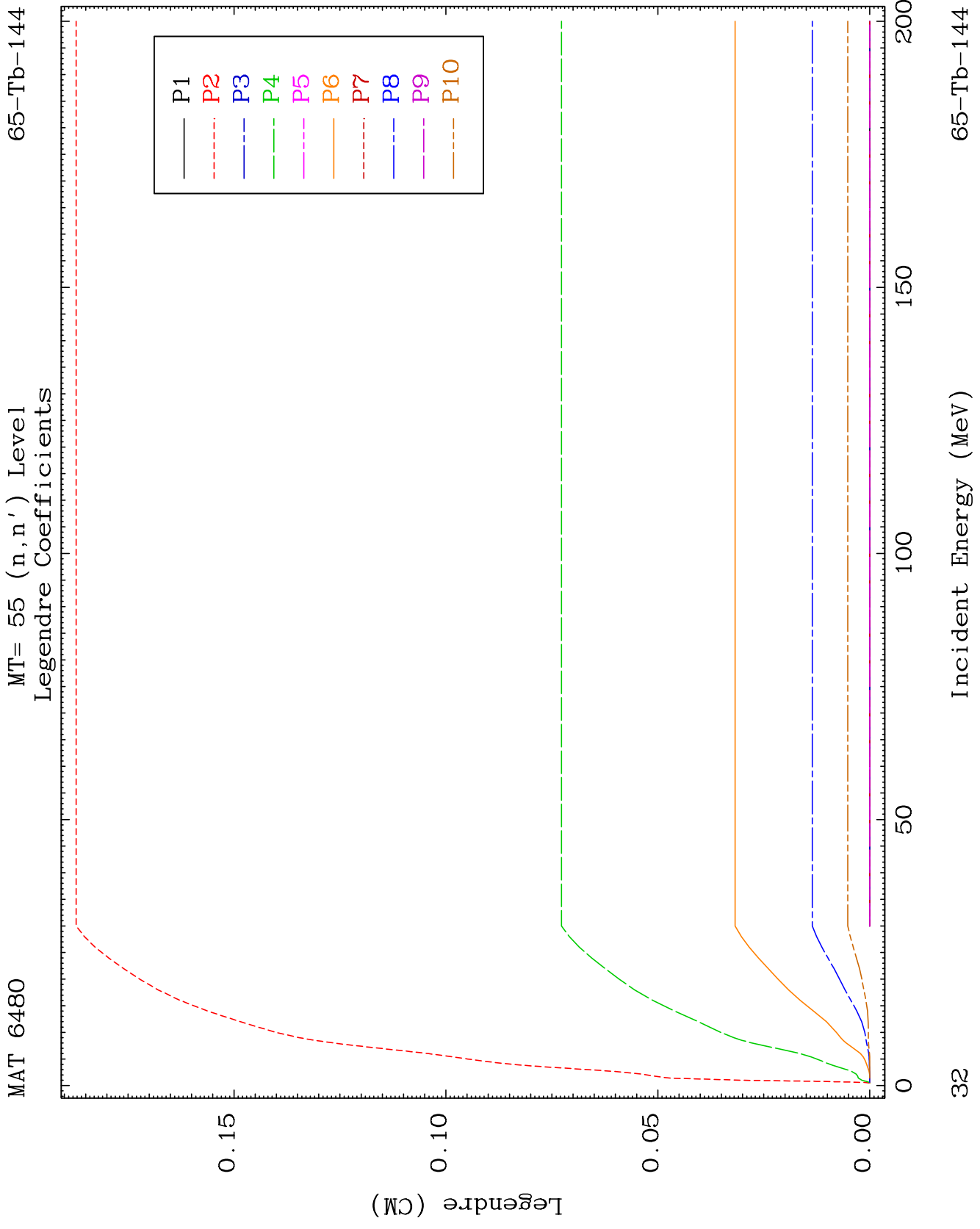
MT= 54 (n,n') Level  
Legendre Coefficients

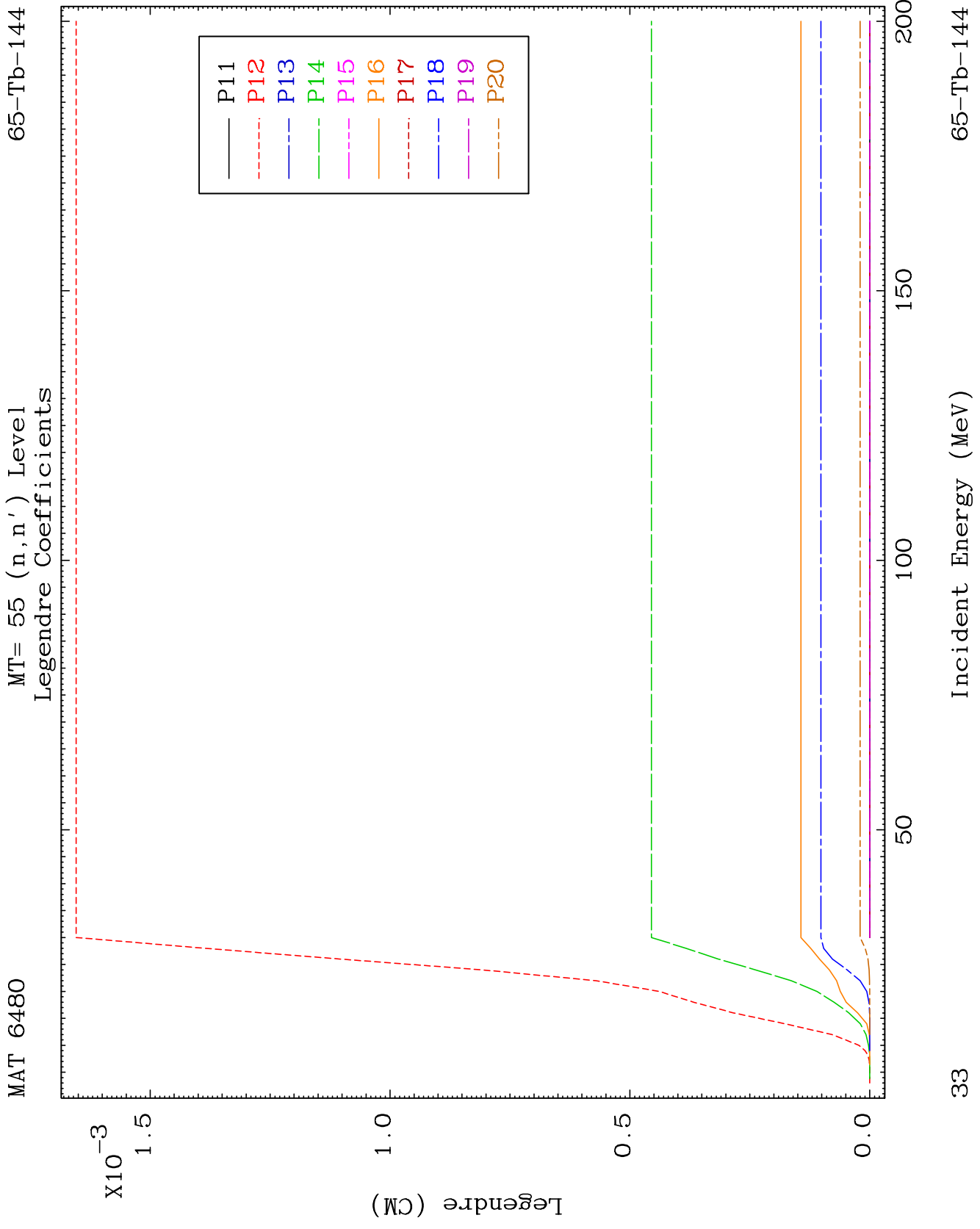
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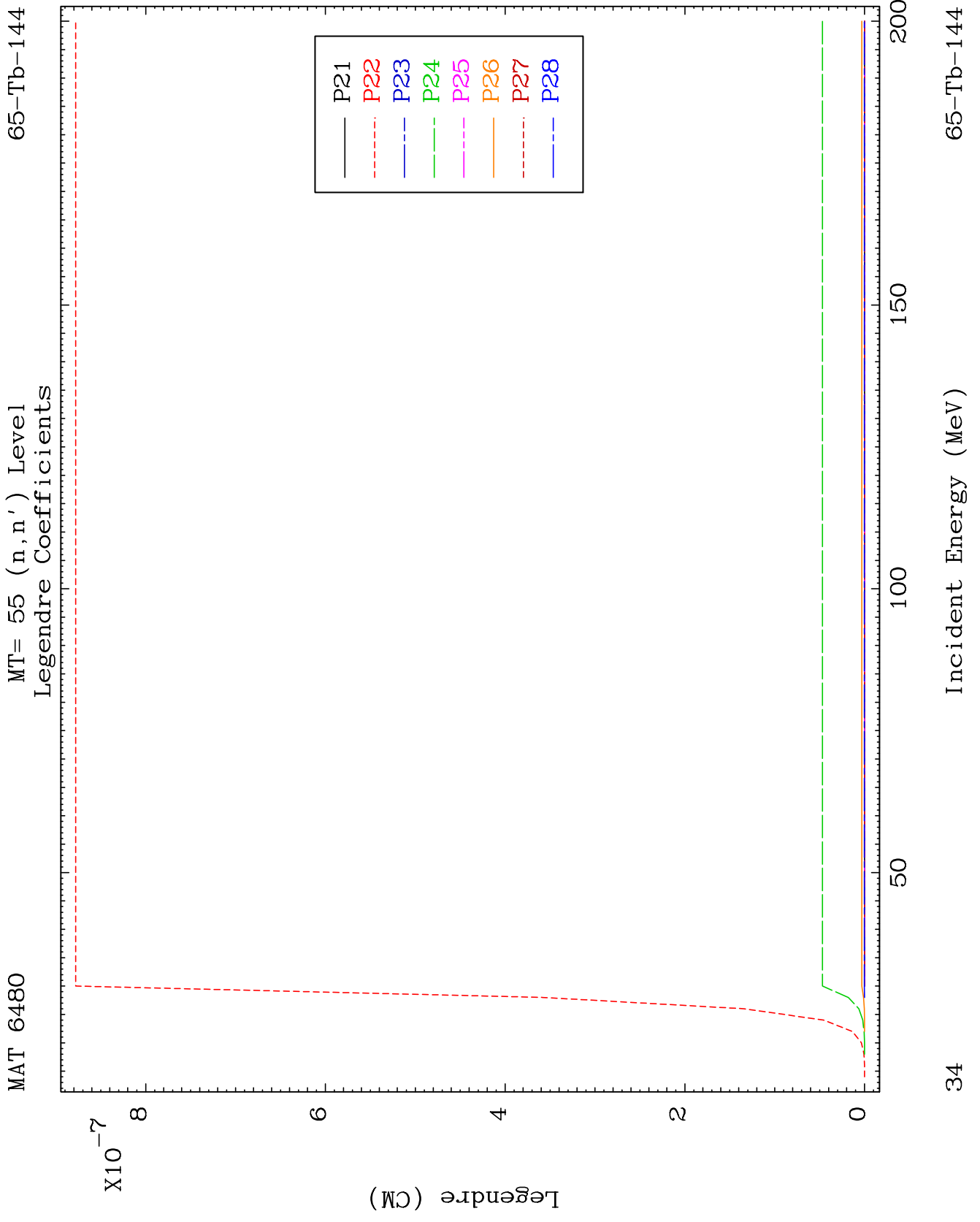


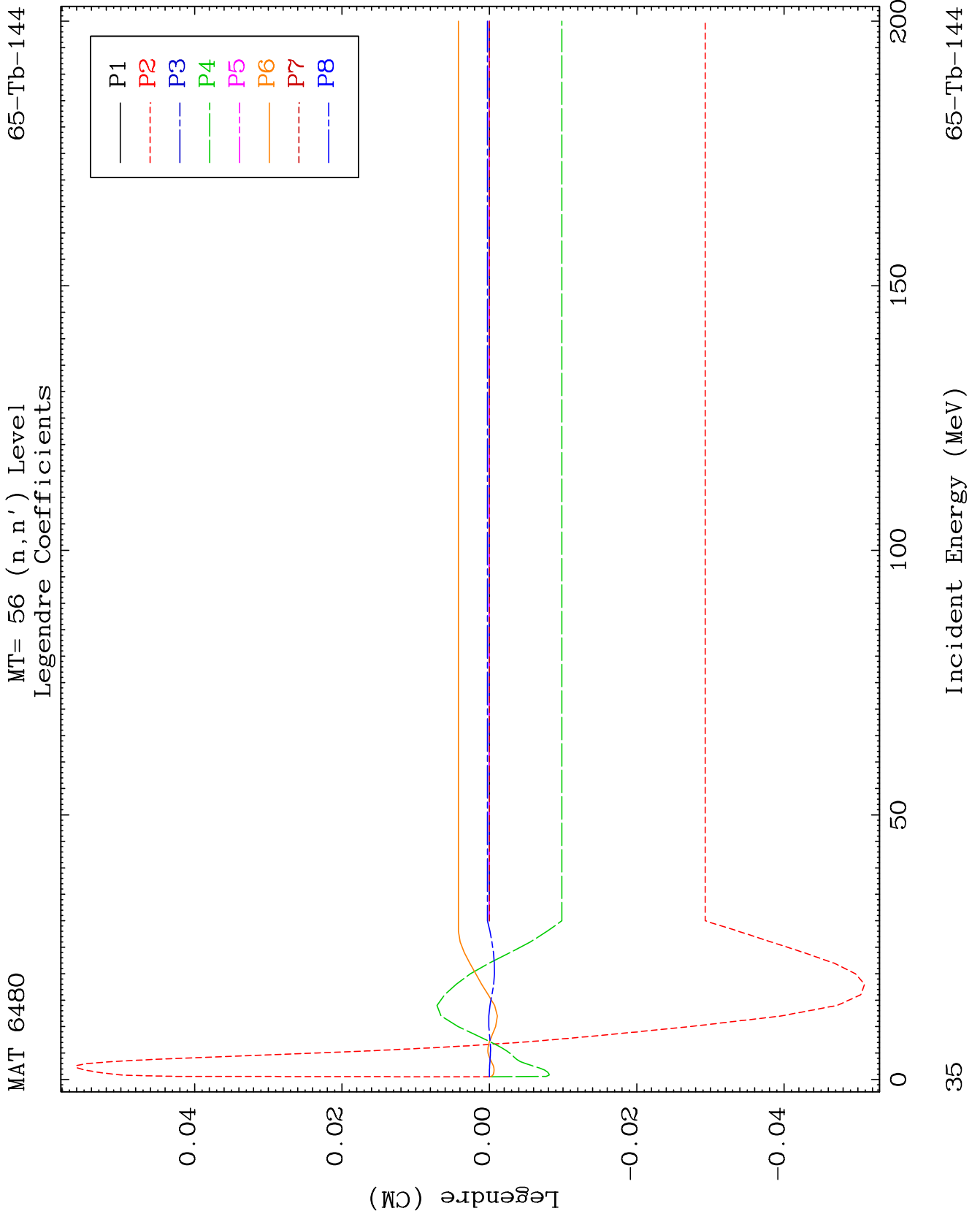


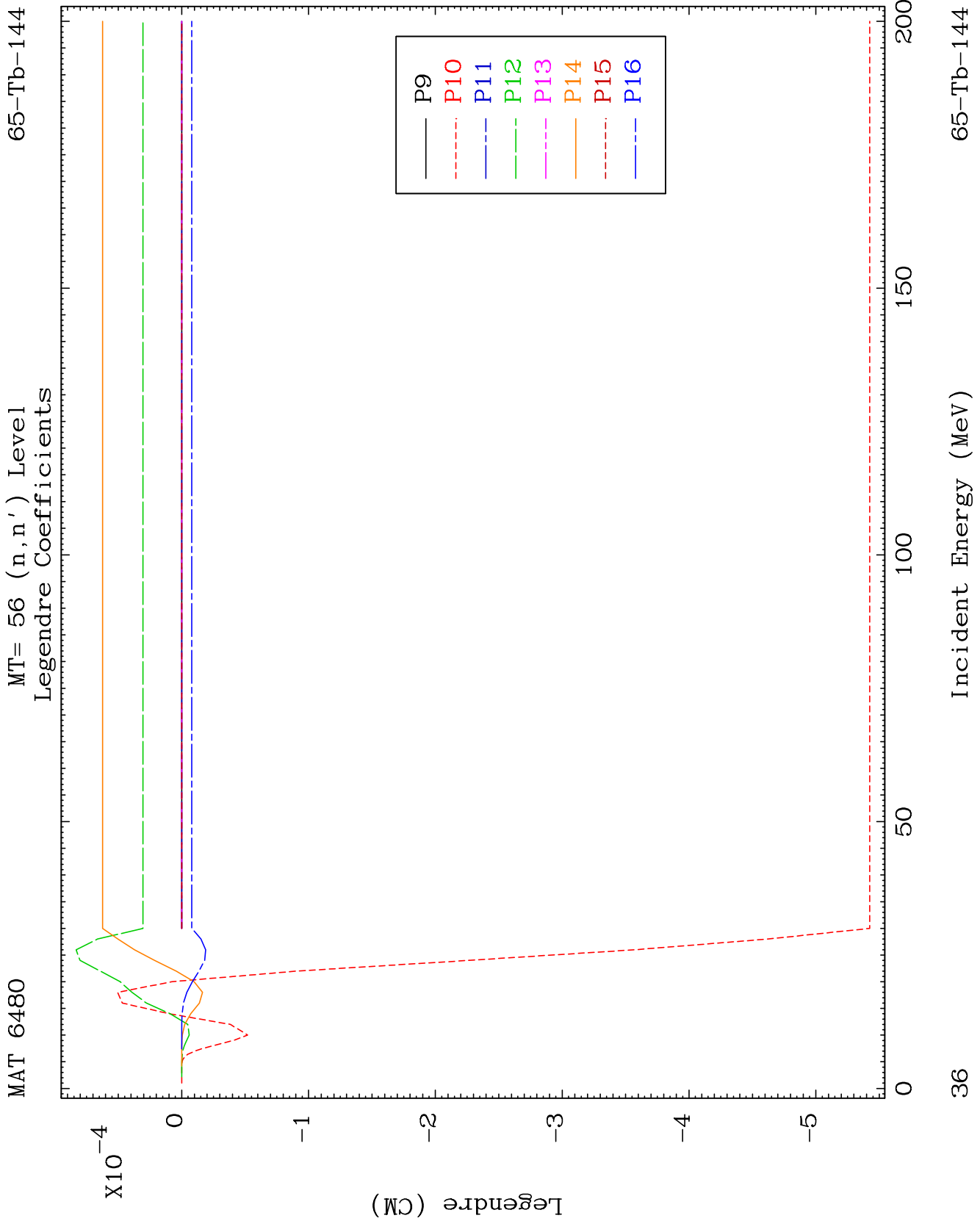








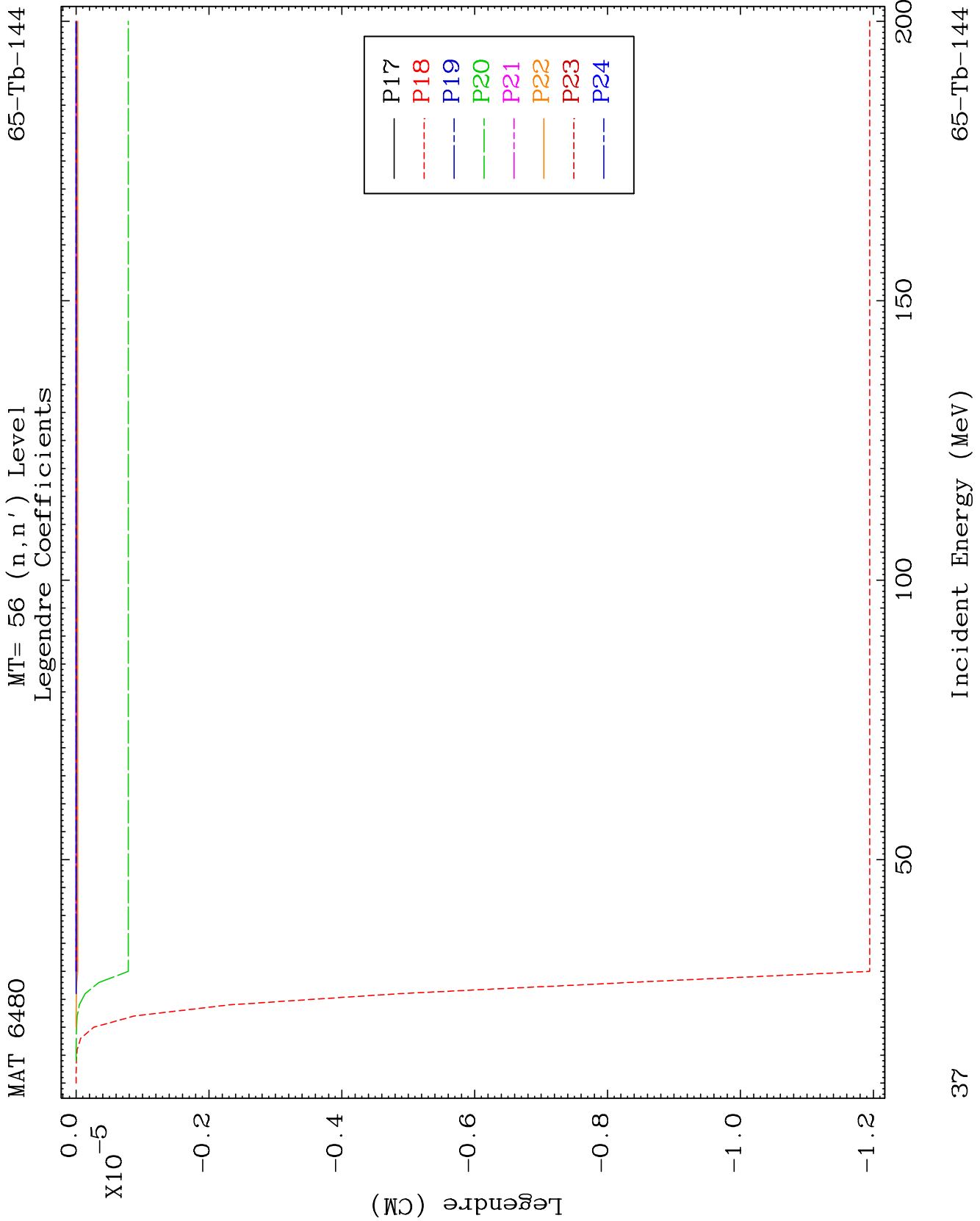




65-Tb-144

Incident Energy (MeV)

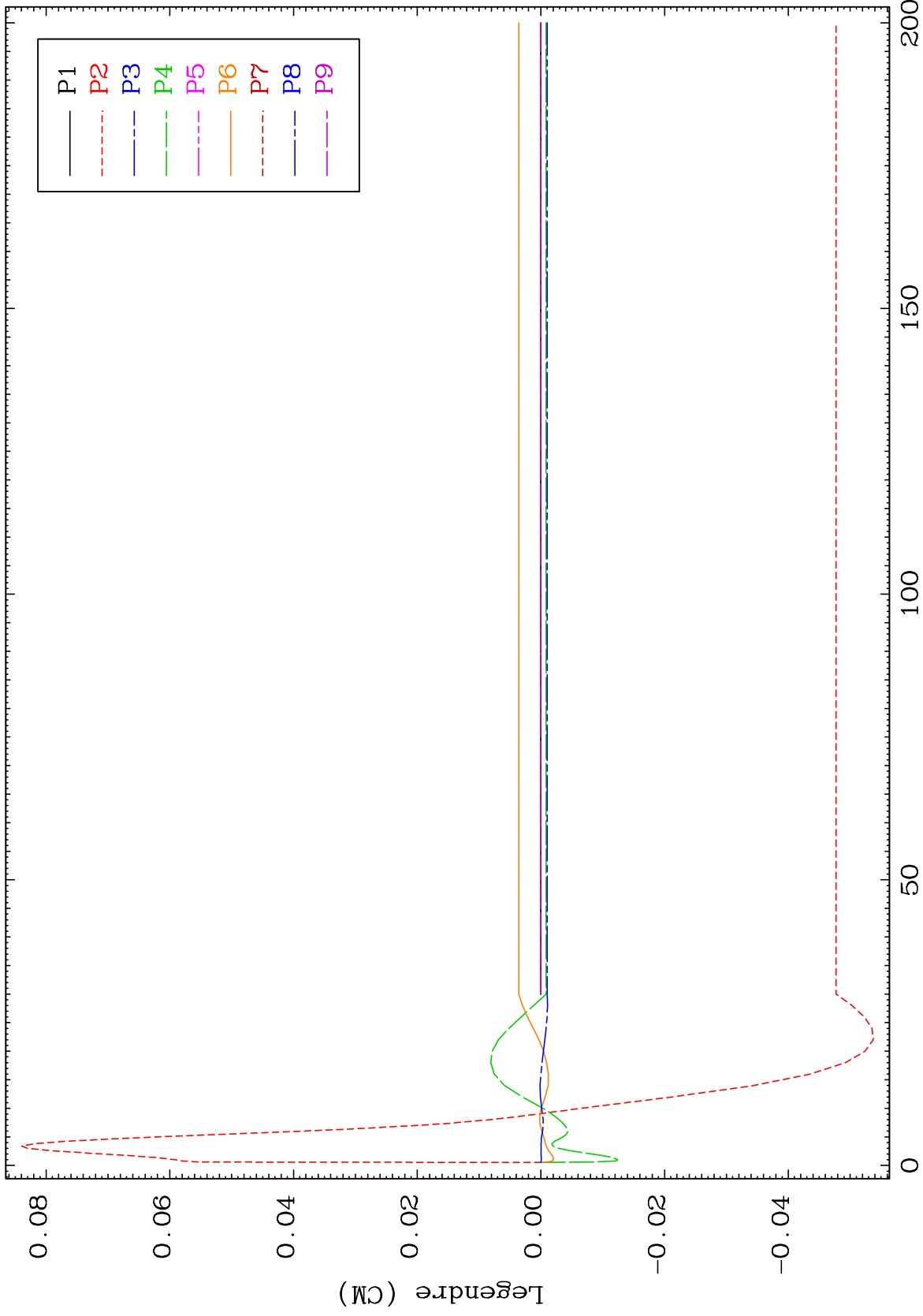
36



MAT 6480

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

65-Tb-144



38

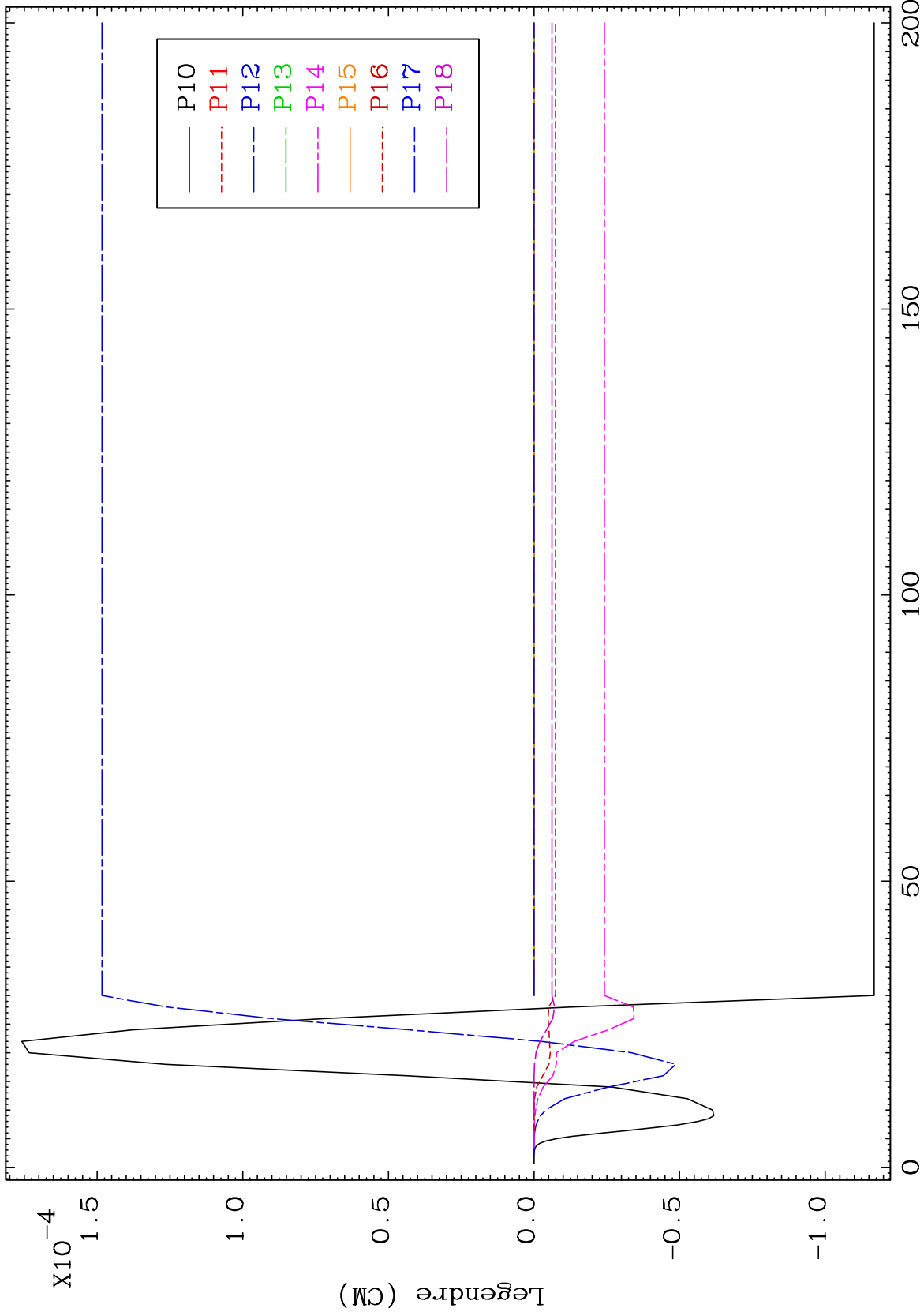
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

65-Tb-144

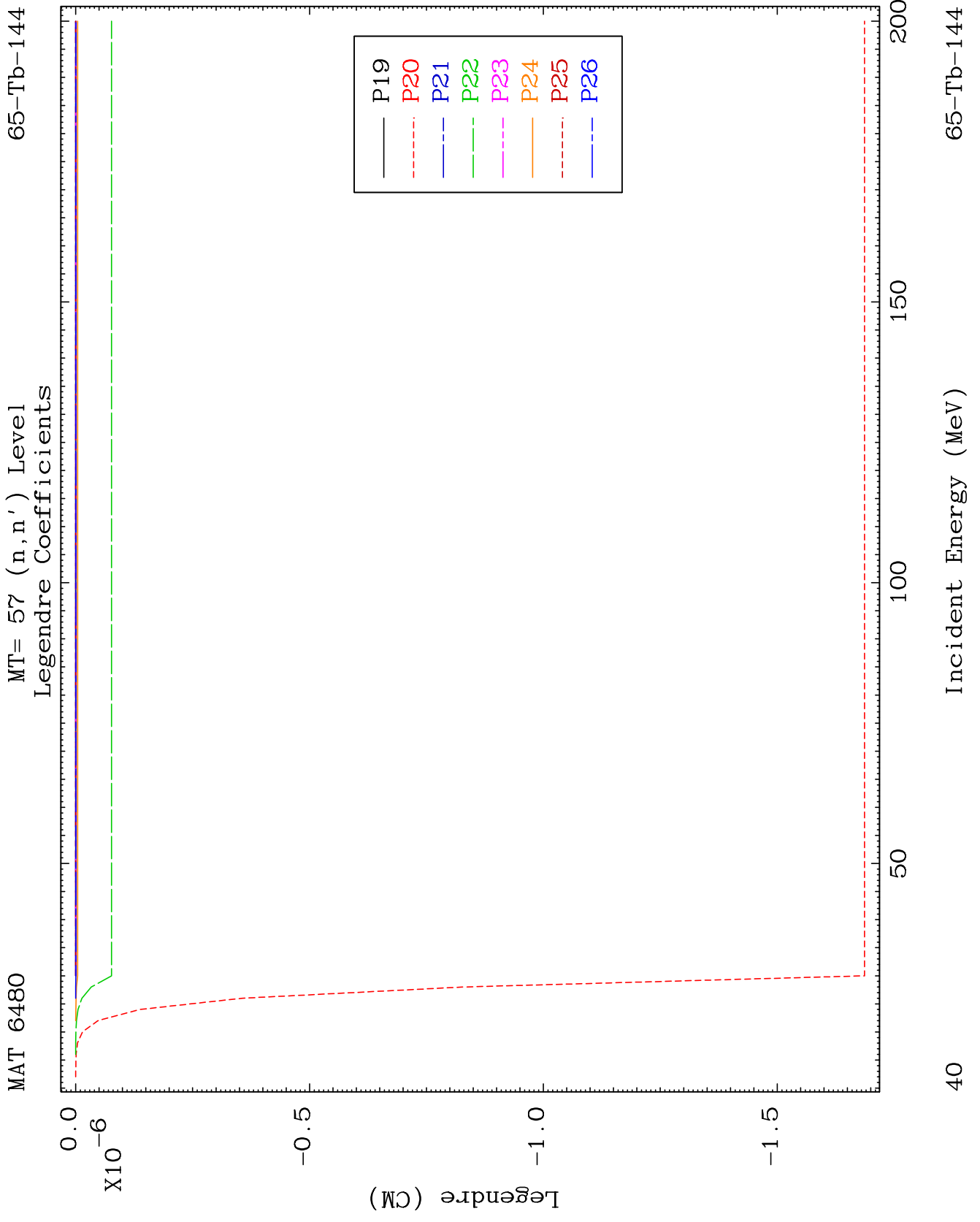


39

Incident Energy (MeV)

65-Tb-144

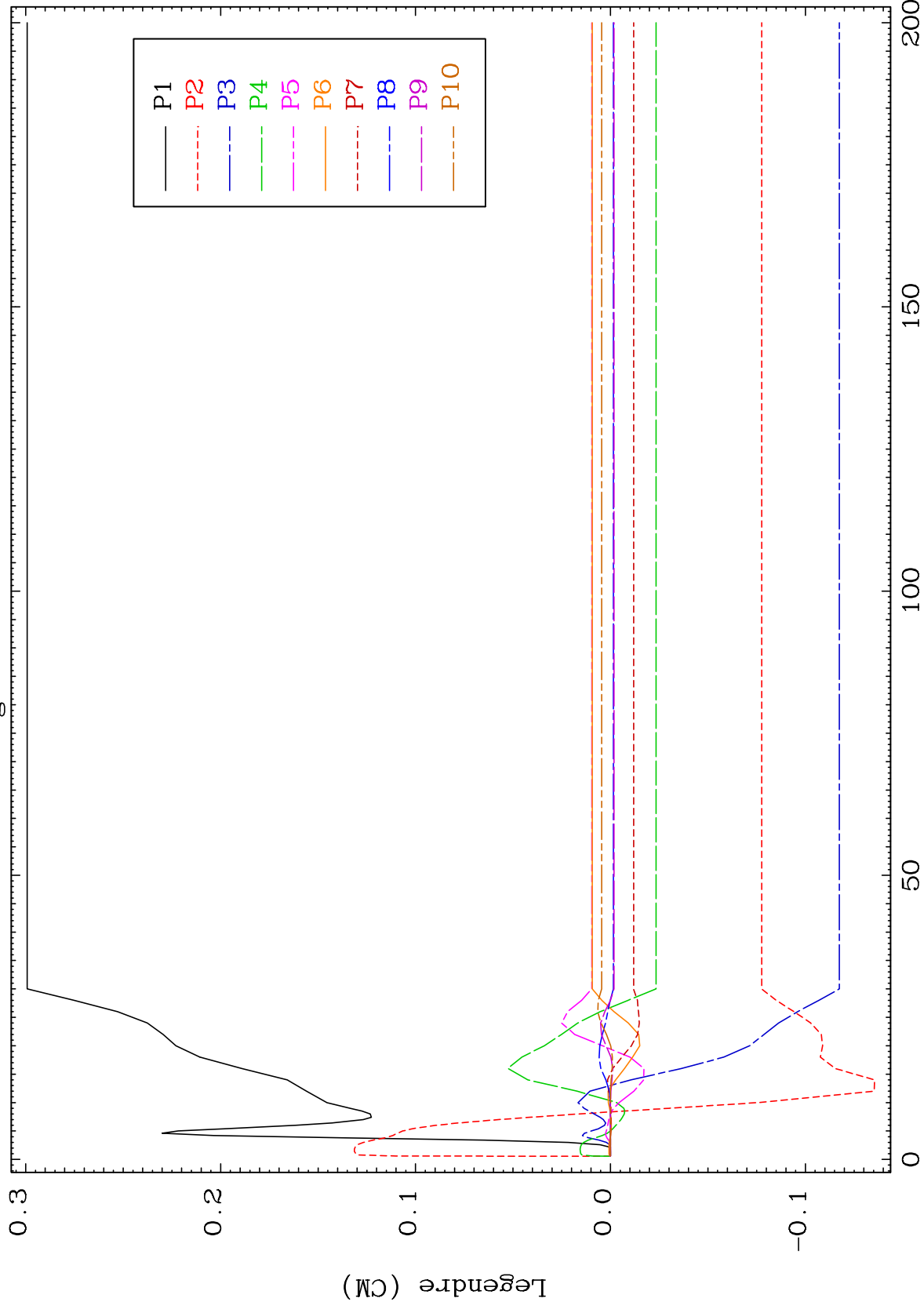




MAT 6480

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

65-Tb-144



41

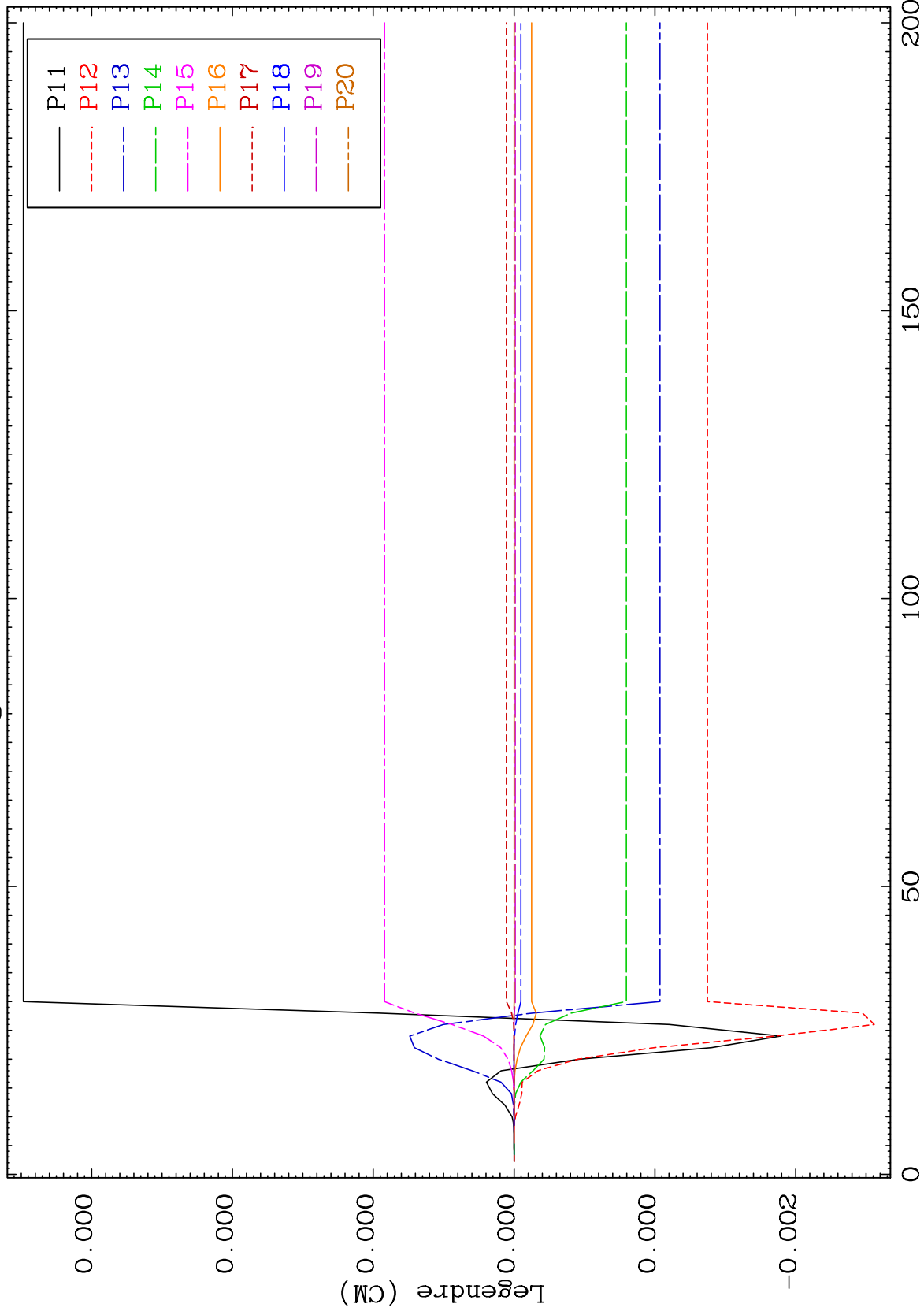
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

65-Tb-144



42

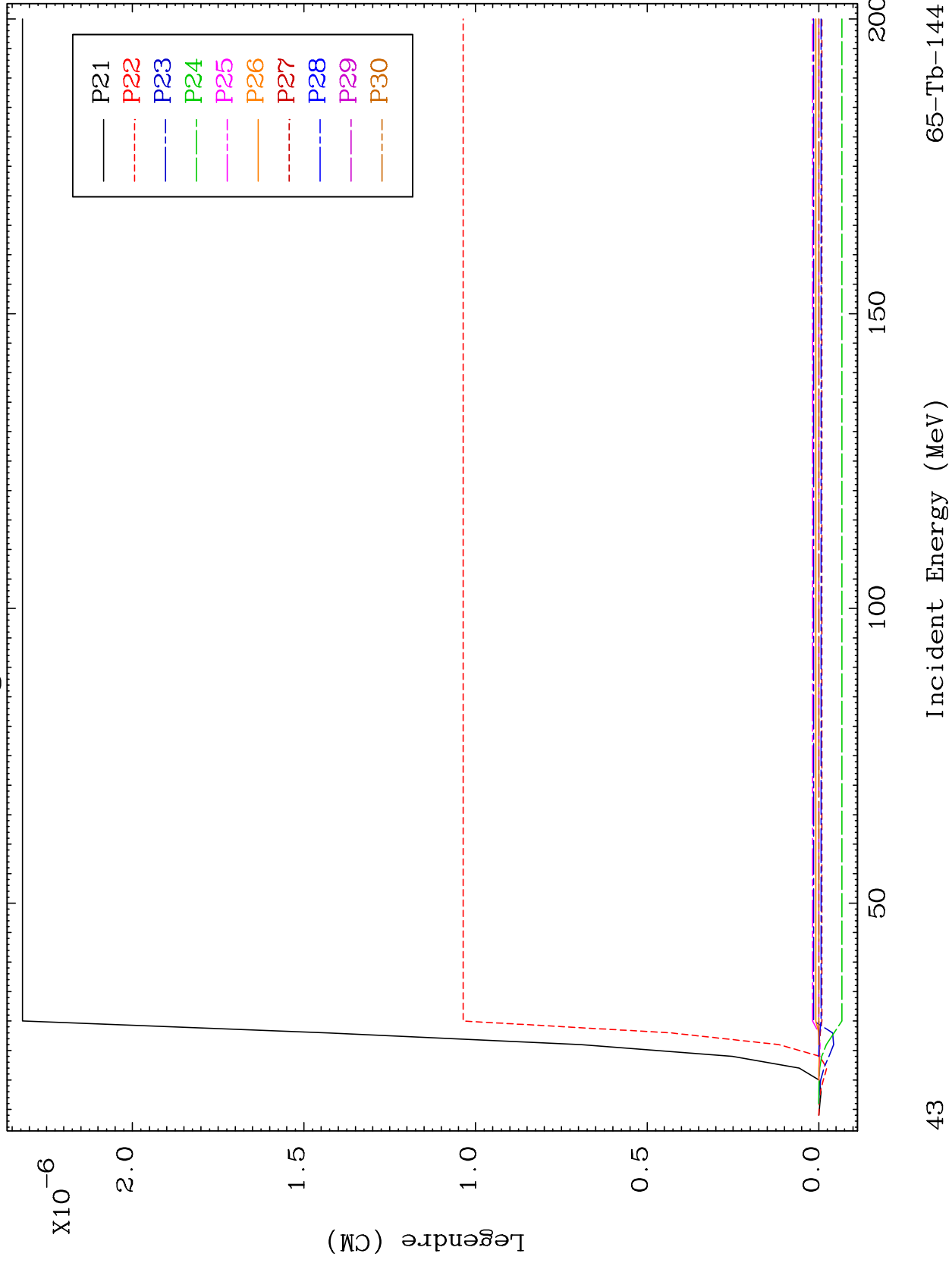
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

65-Tb-144



43

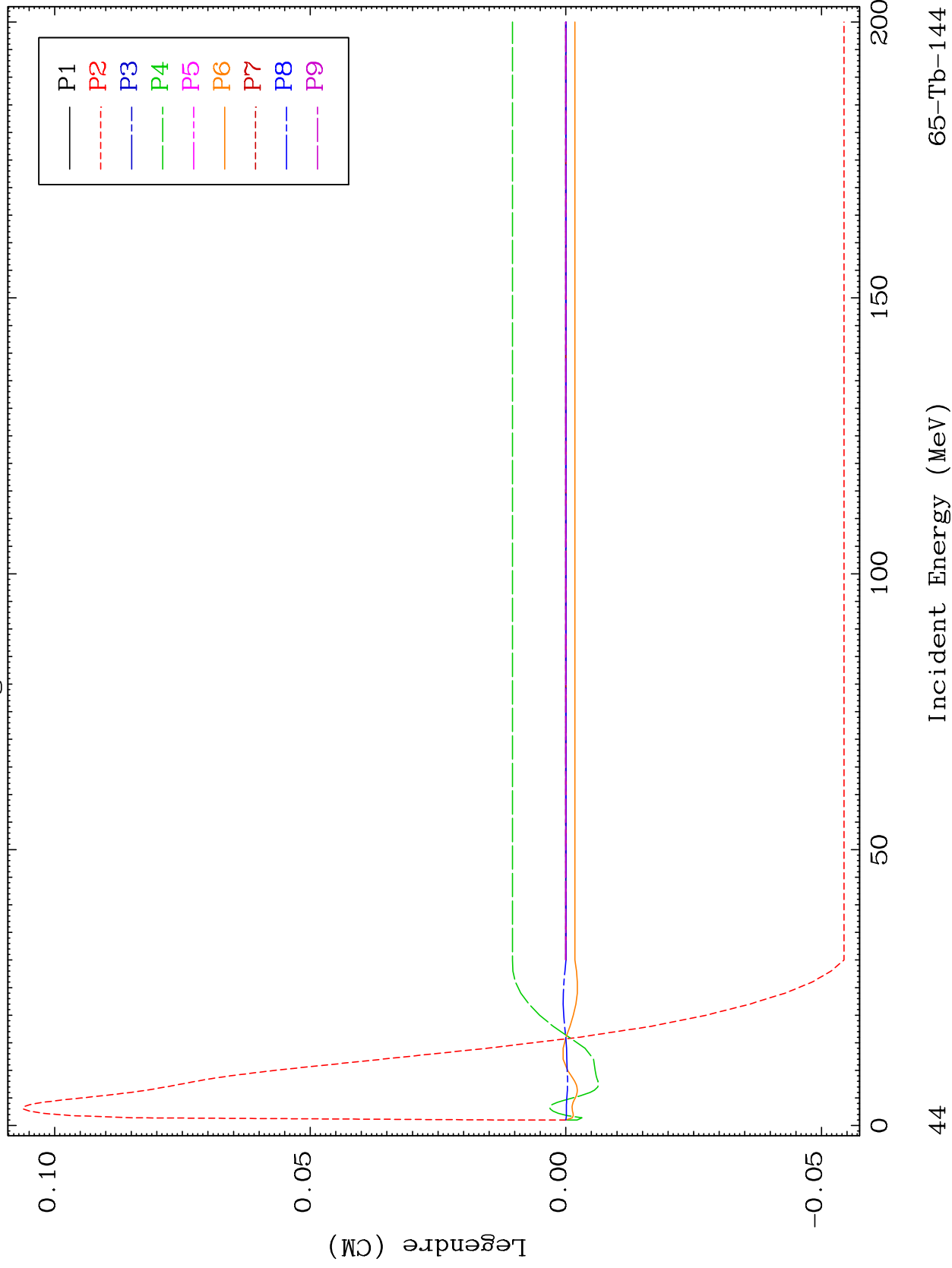
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

65-Tb-144

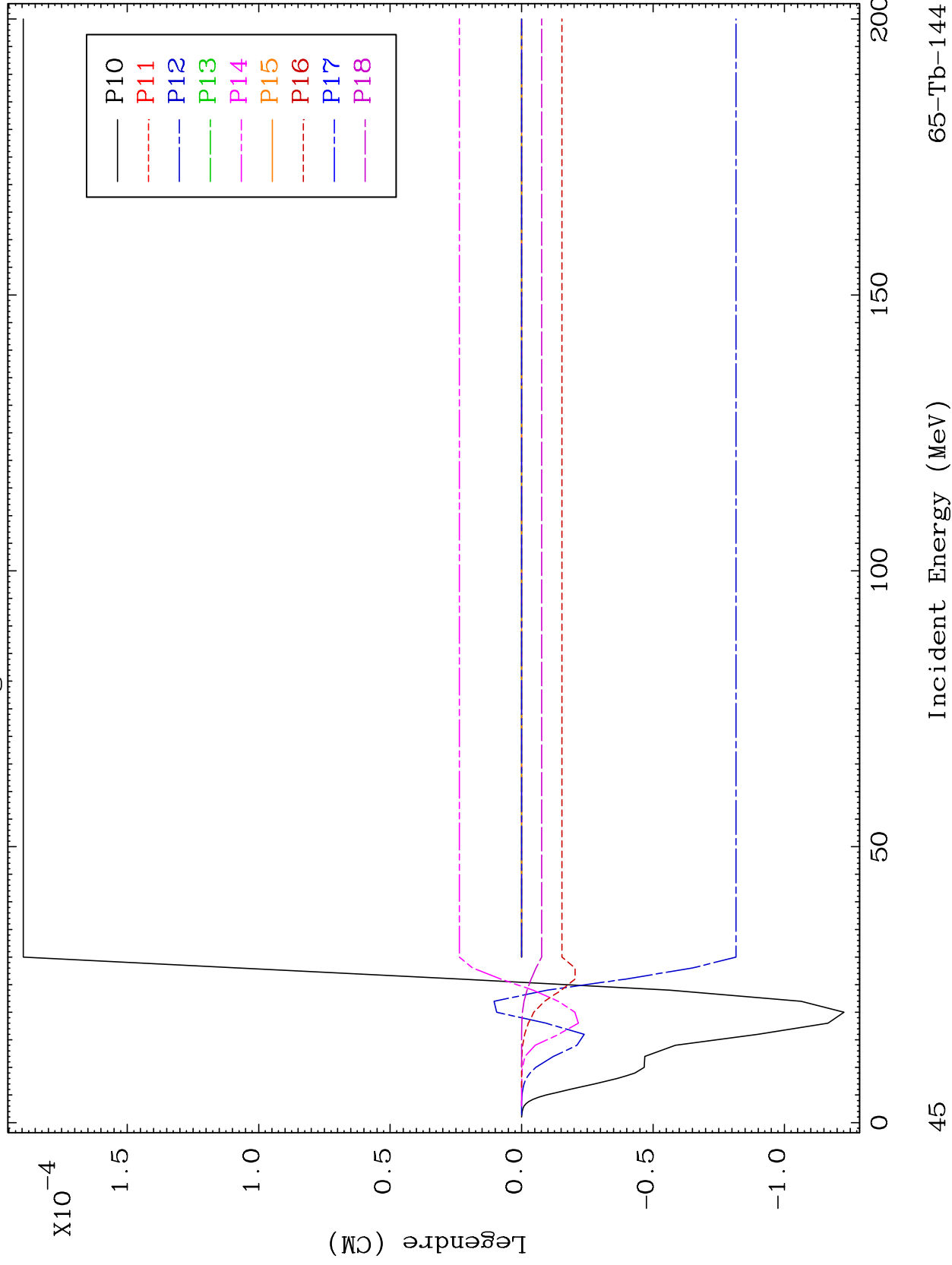


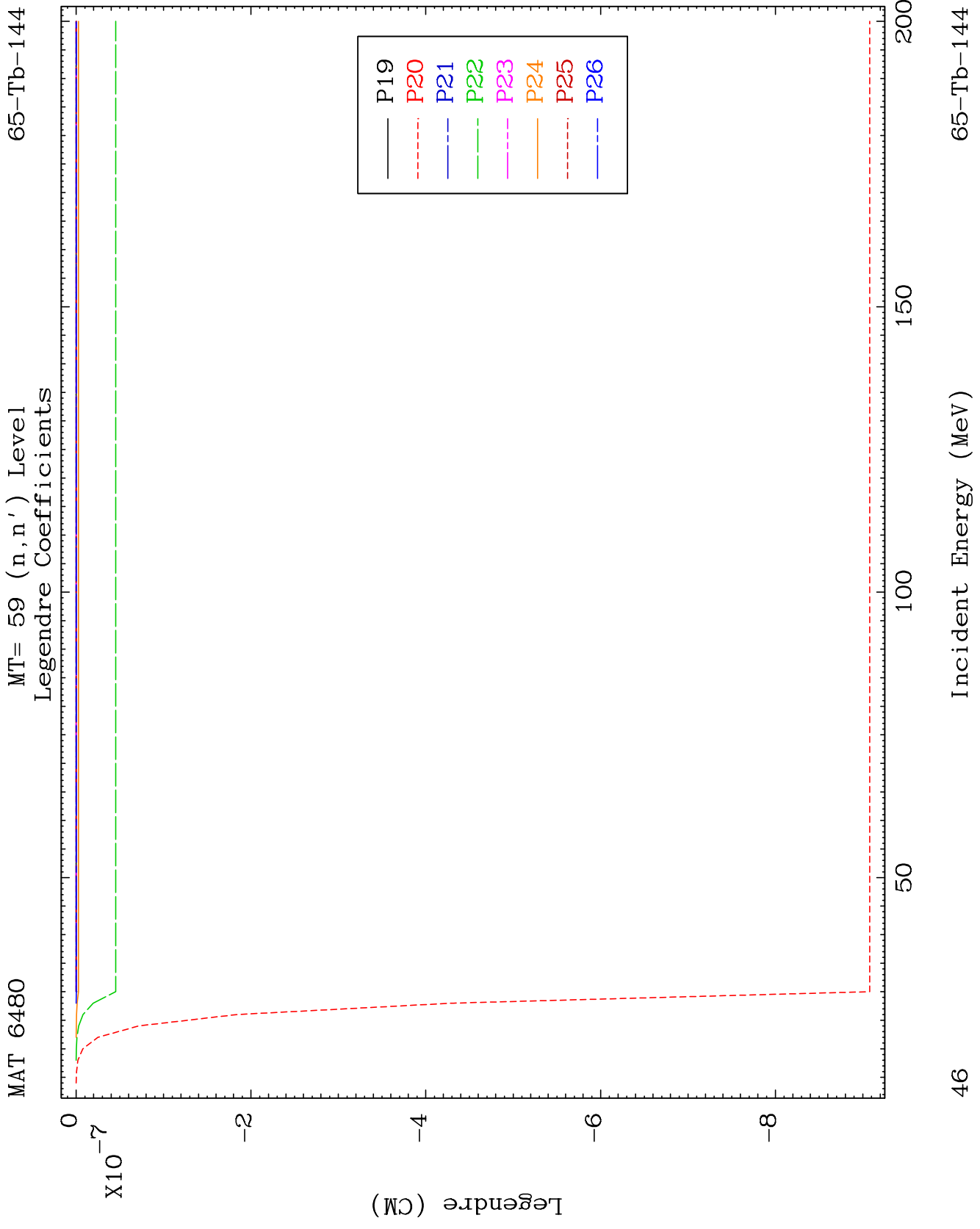
44

MAT 6480

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

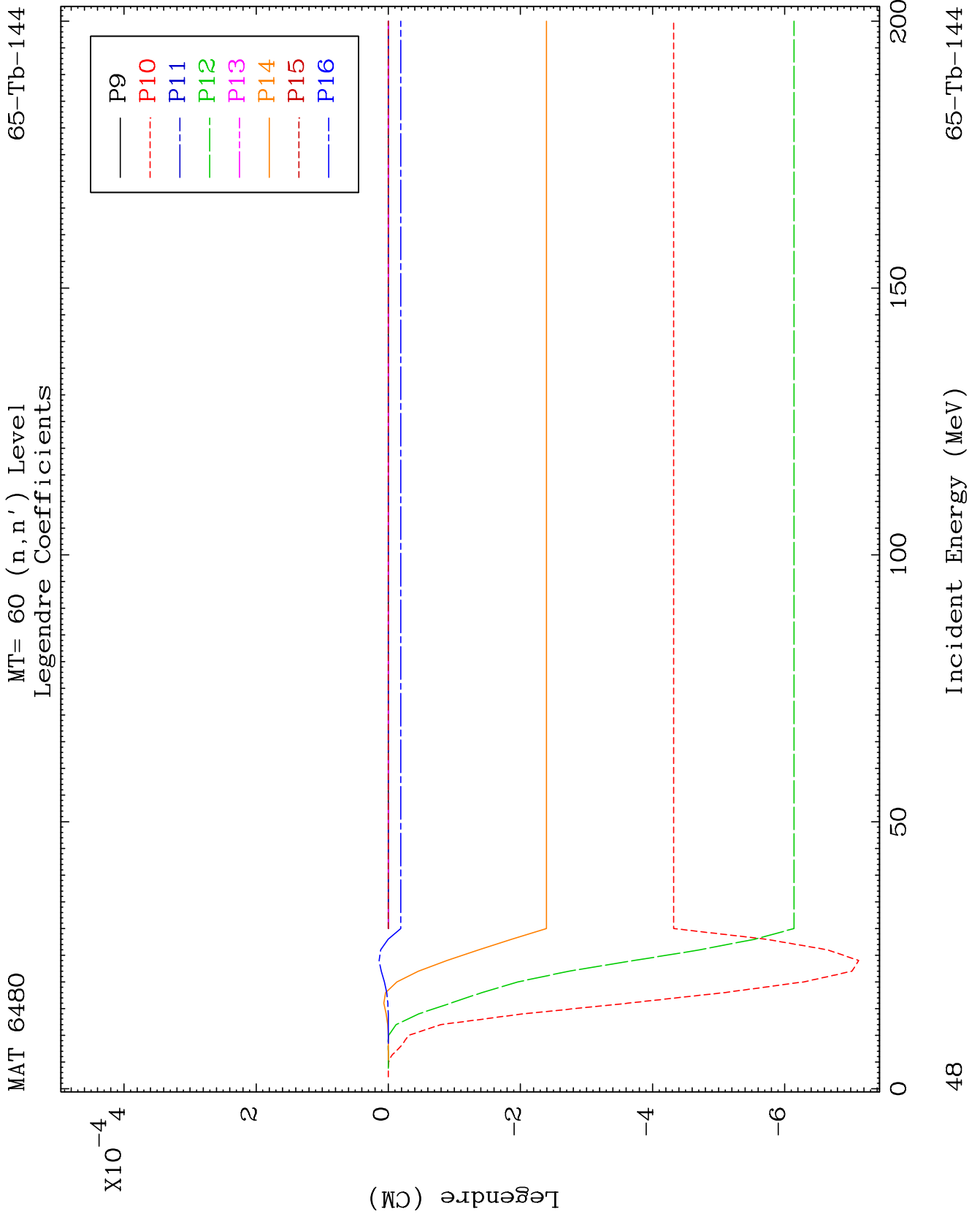
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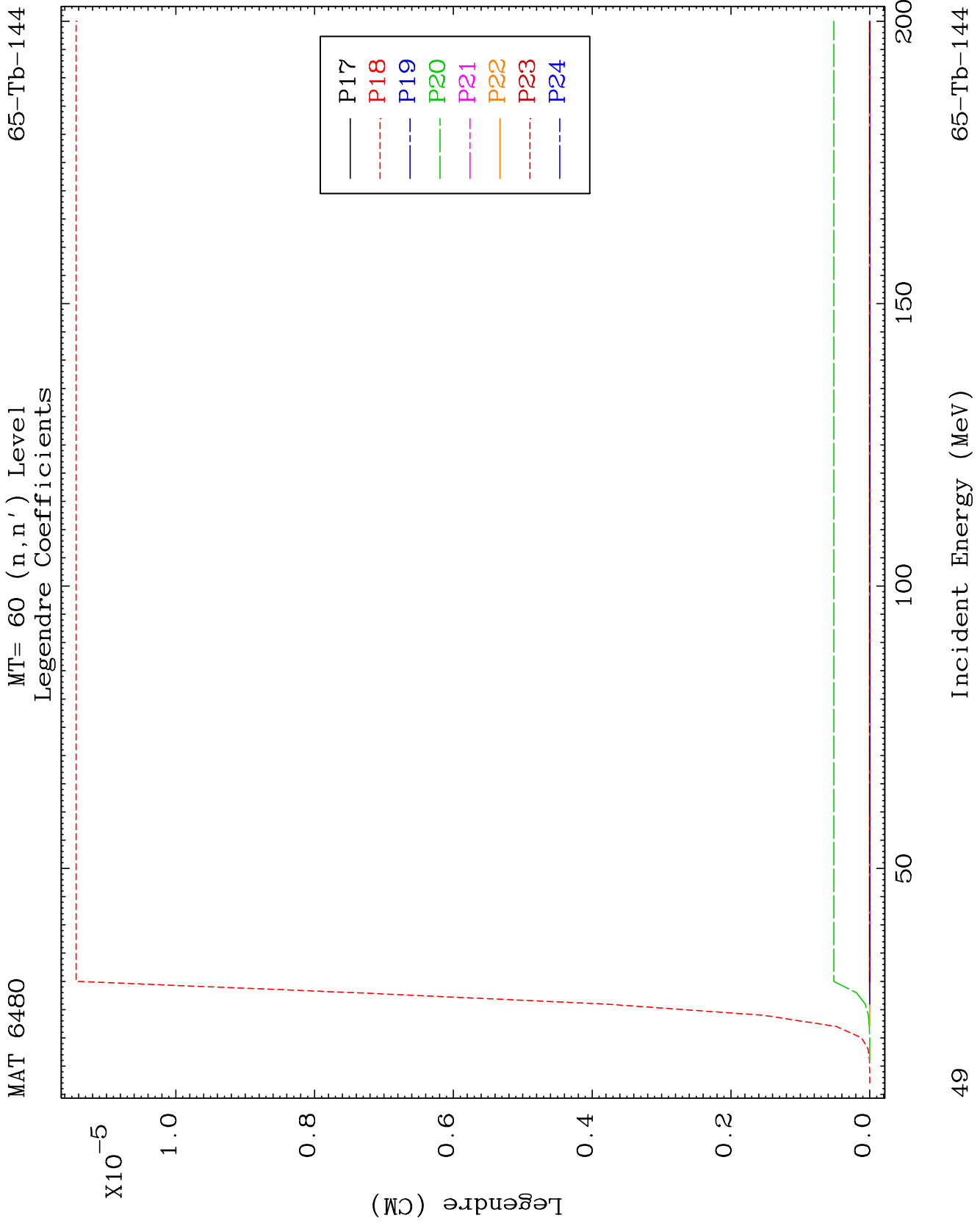


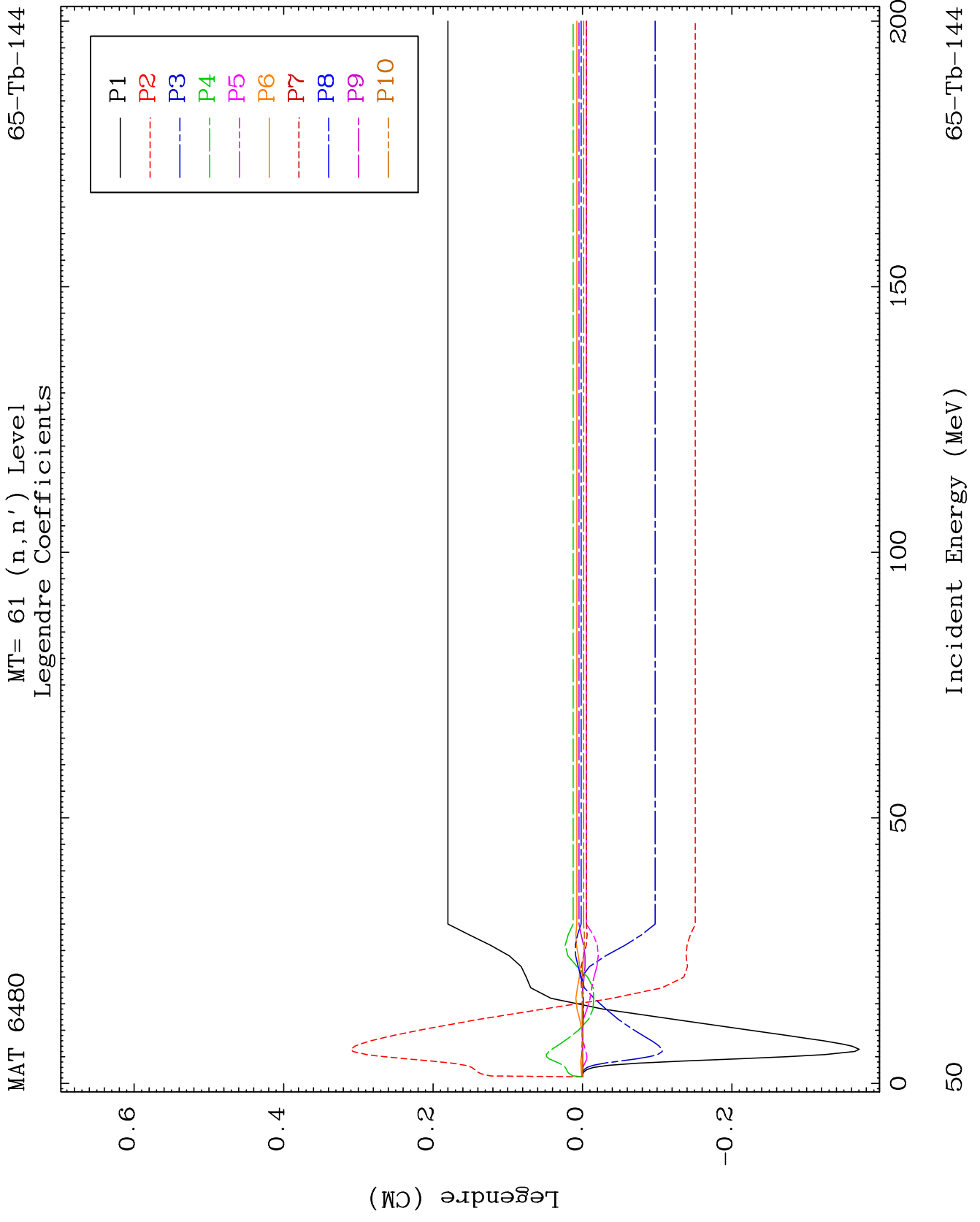


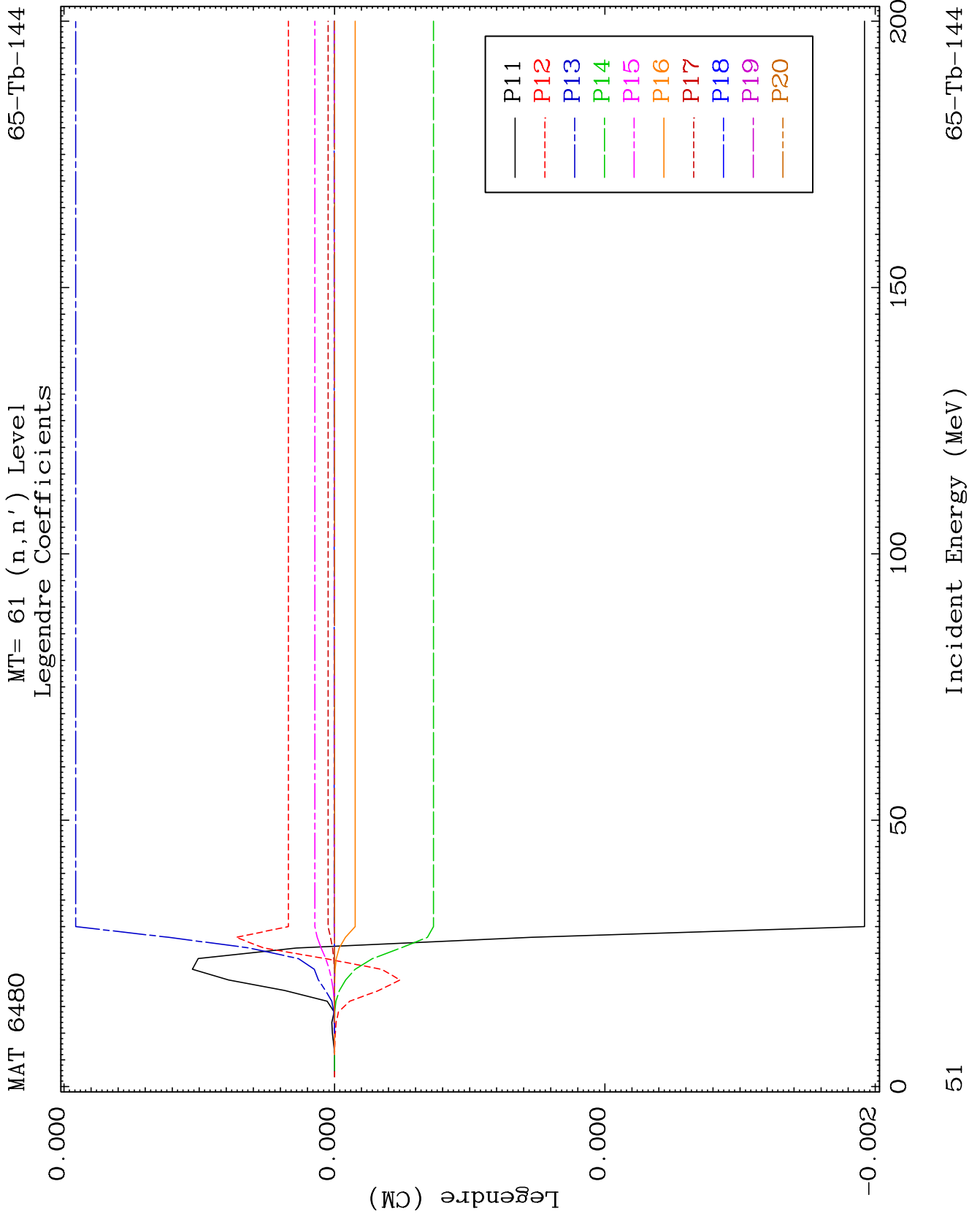








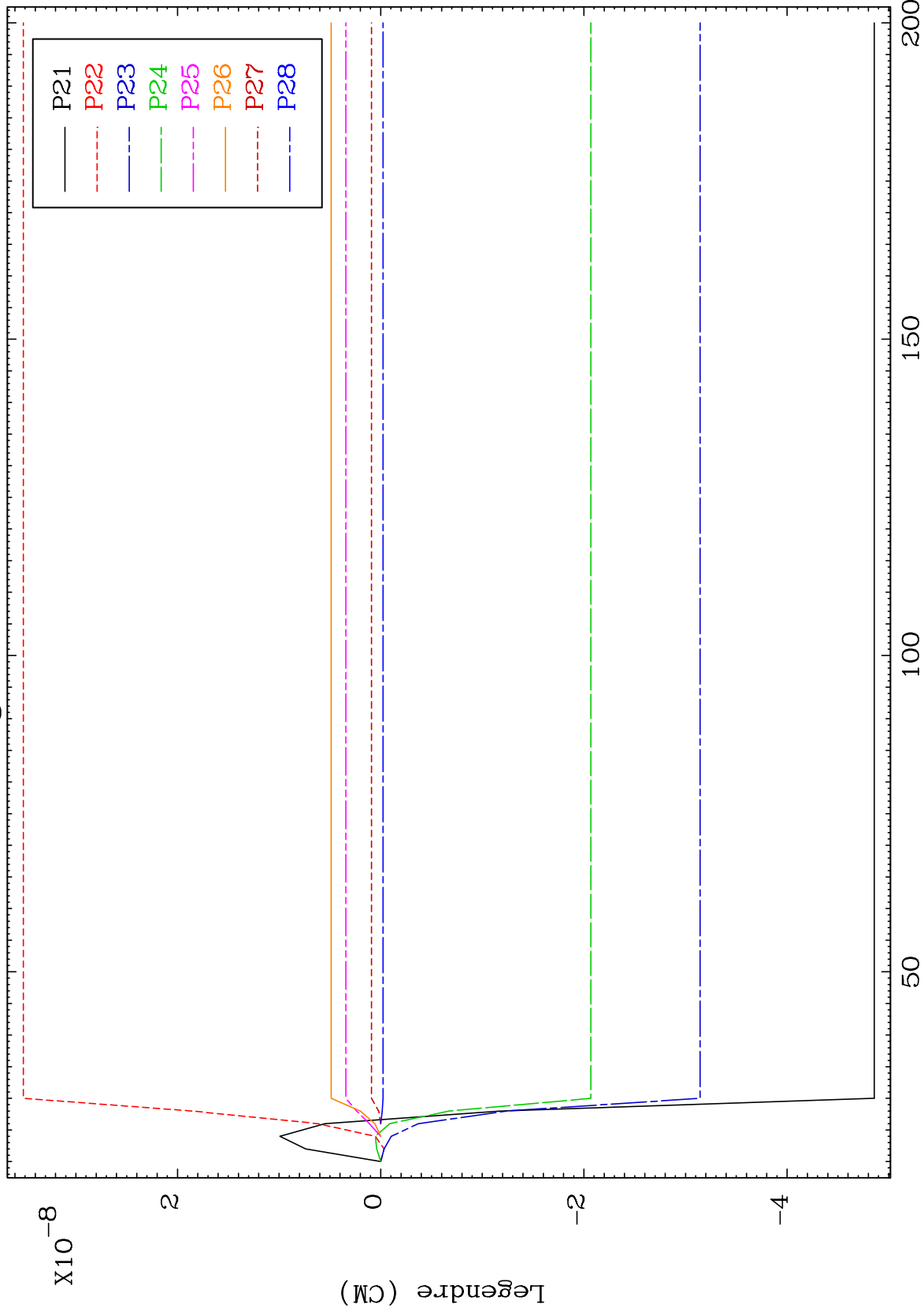




MAT 6480

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

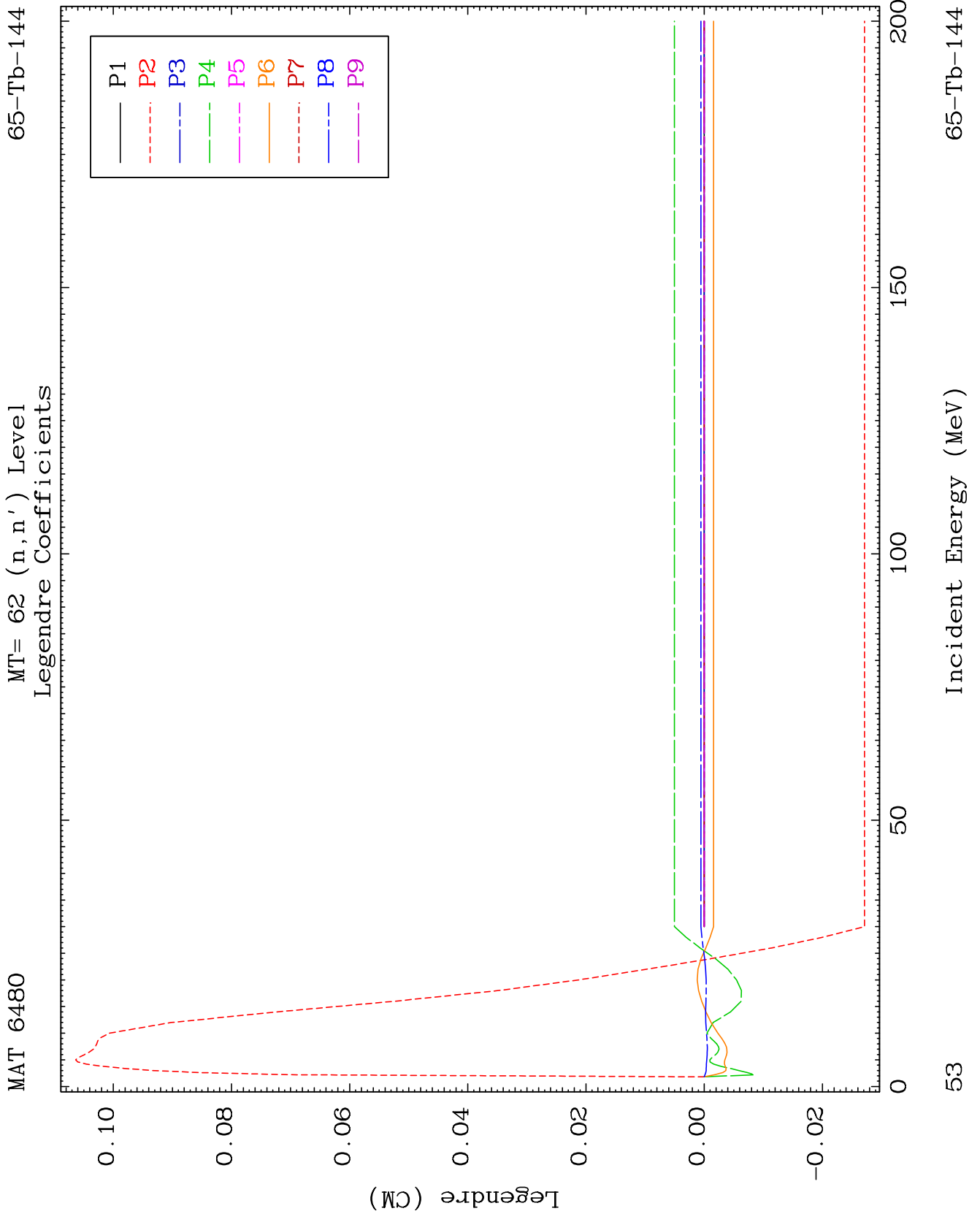
65-Tb-144



52

Incident Energy (MeV)

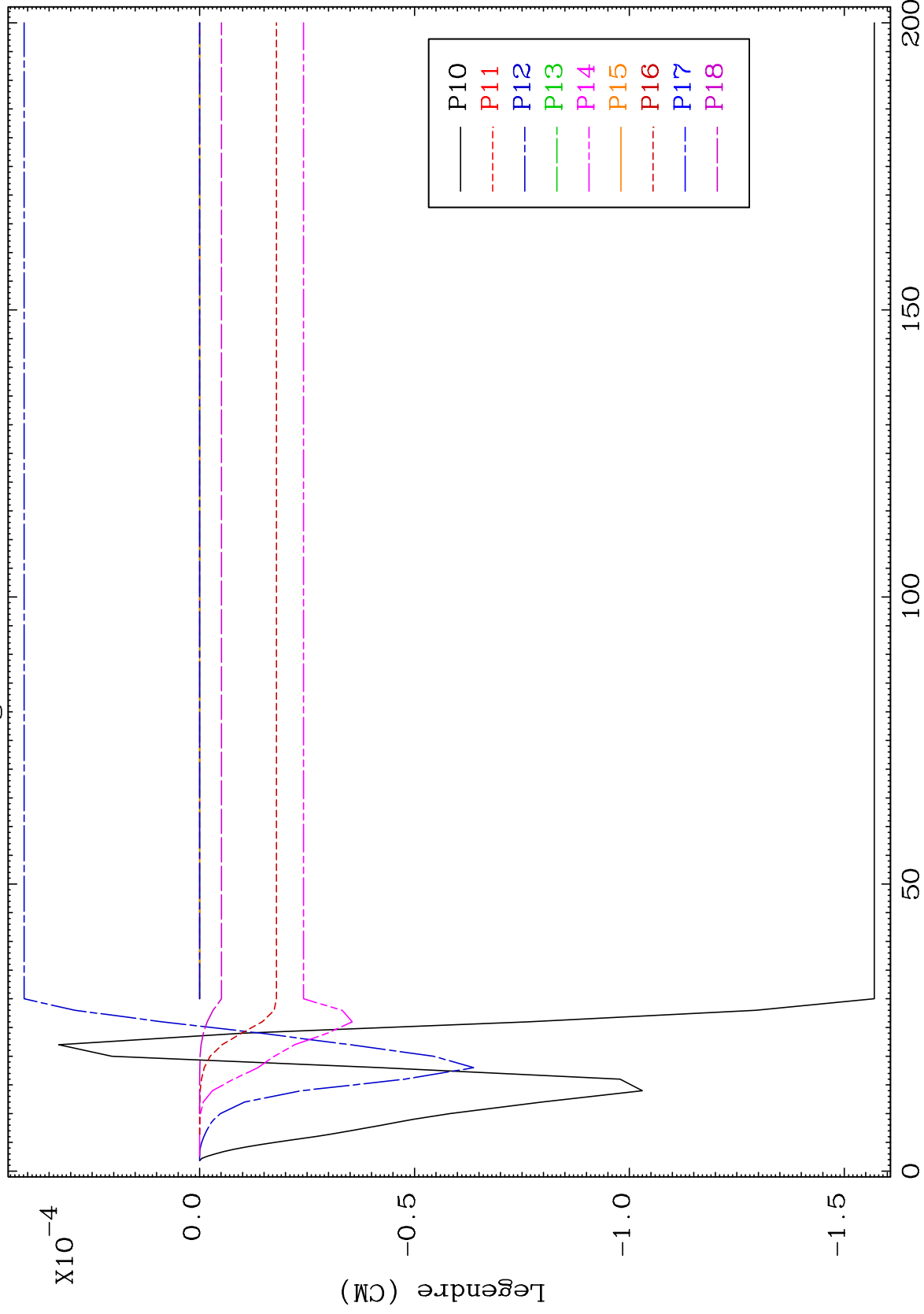
65-Tb-144



MAT 6480

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

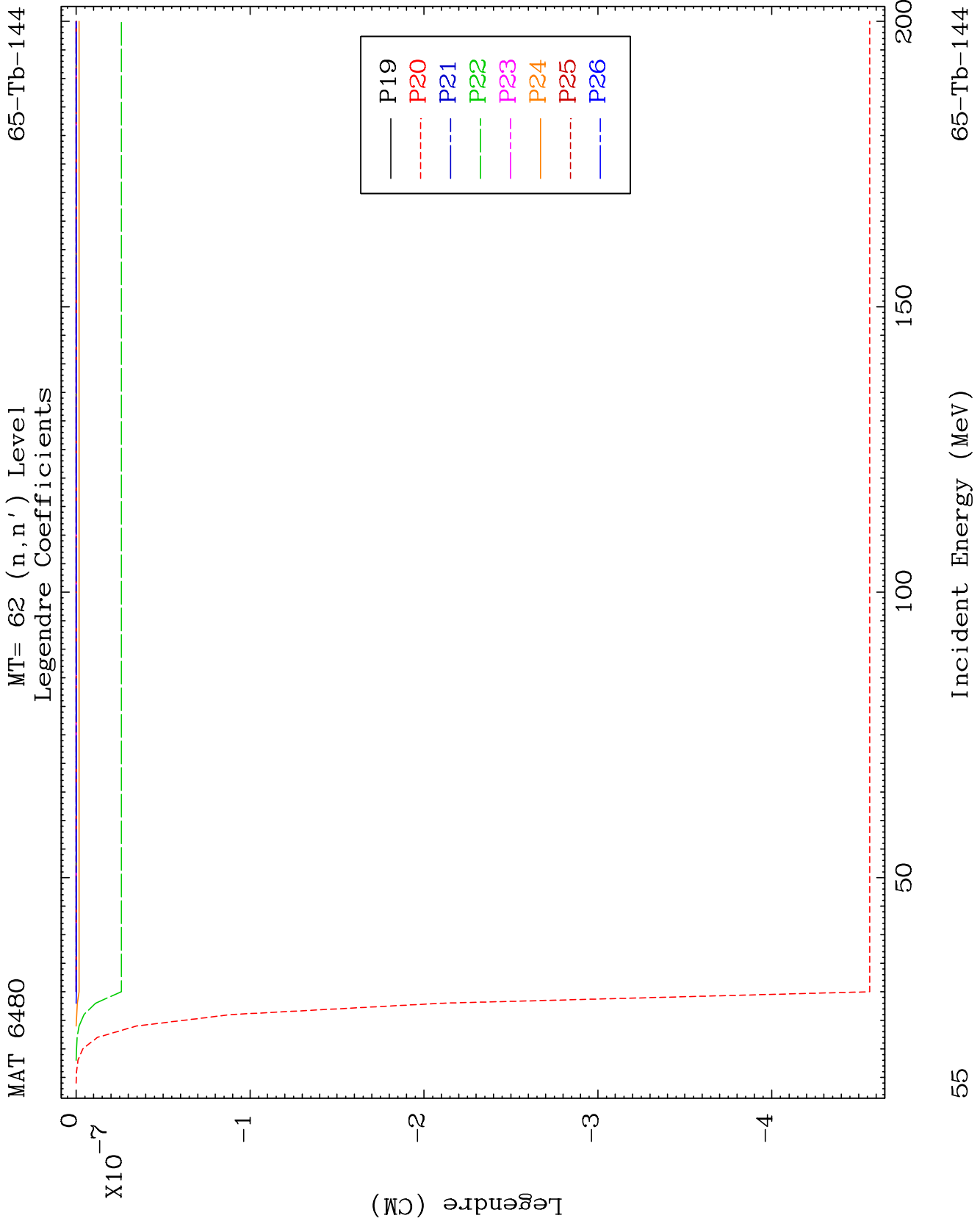
65-Tb-144



54

Incident Energy (MeV)

65-Tb-144



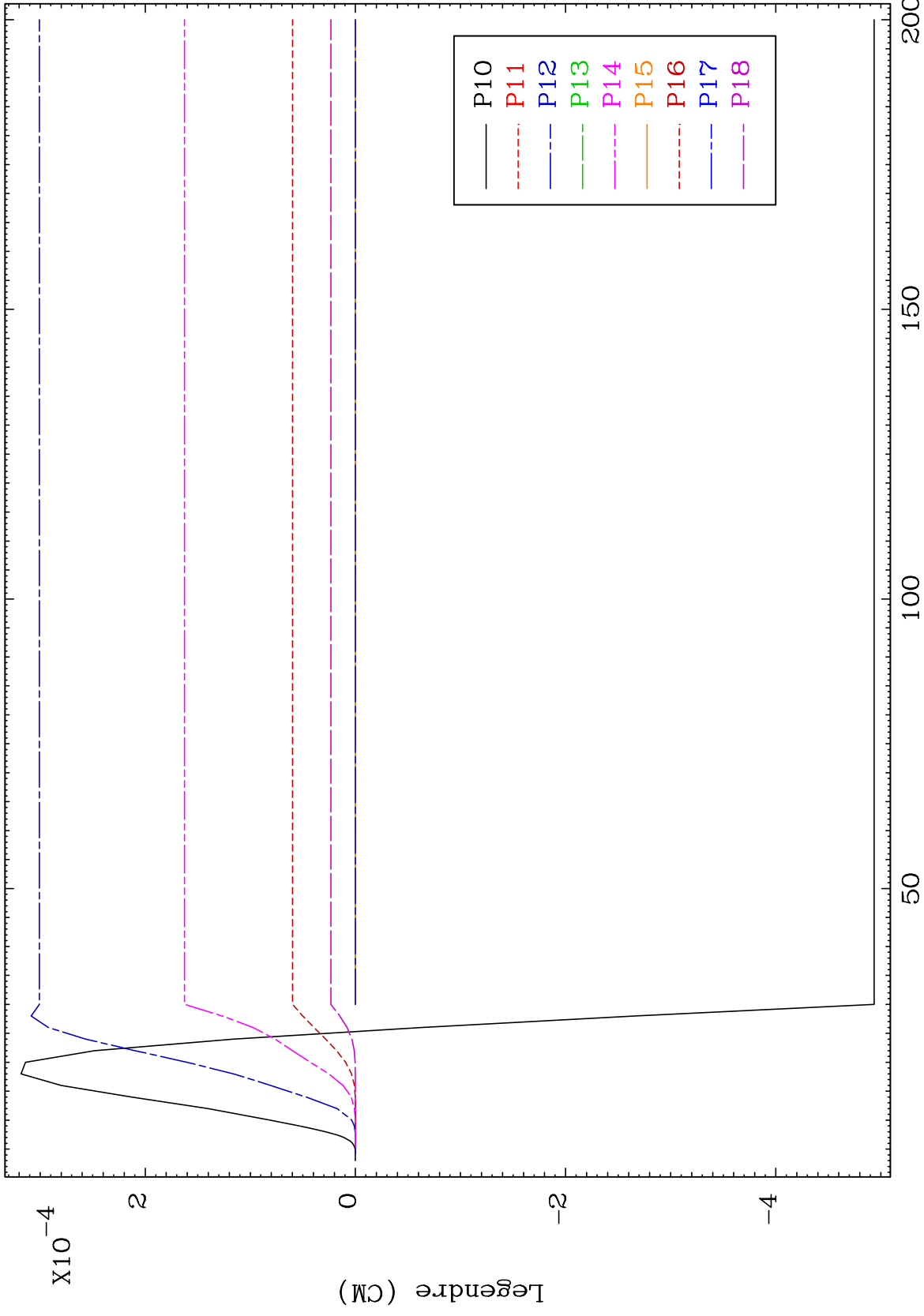




MAT 6480

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

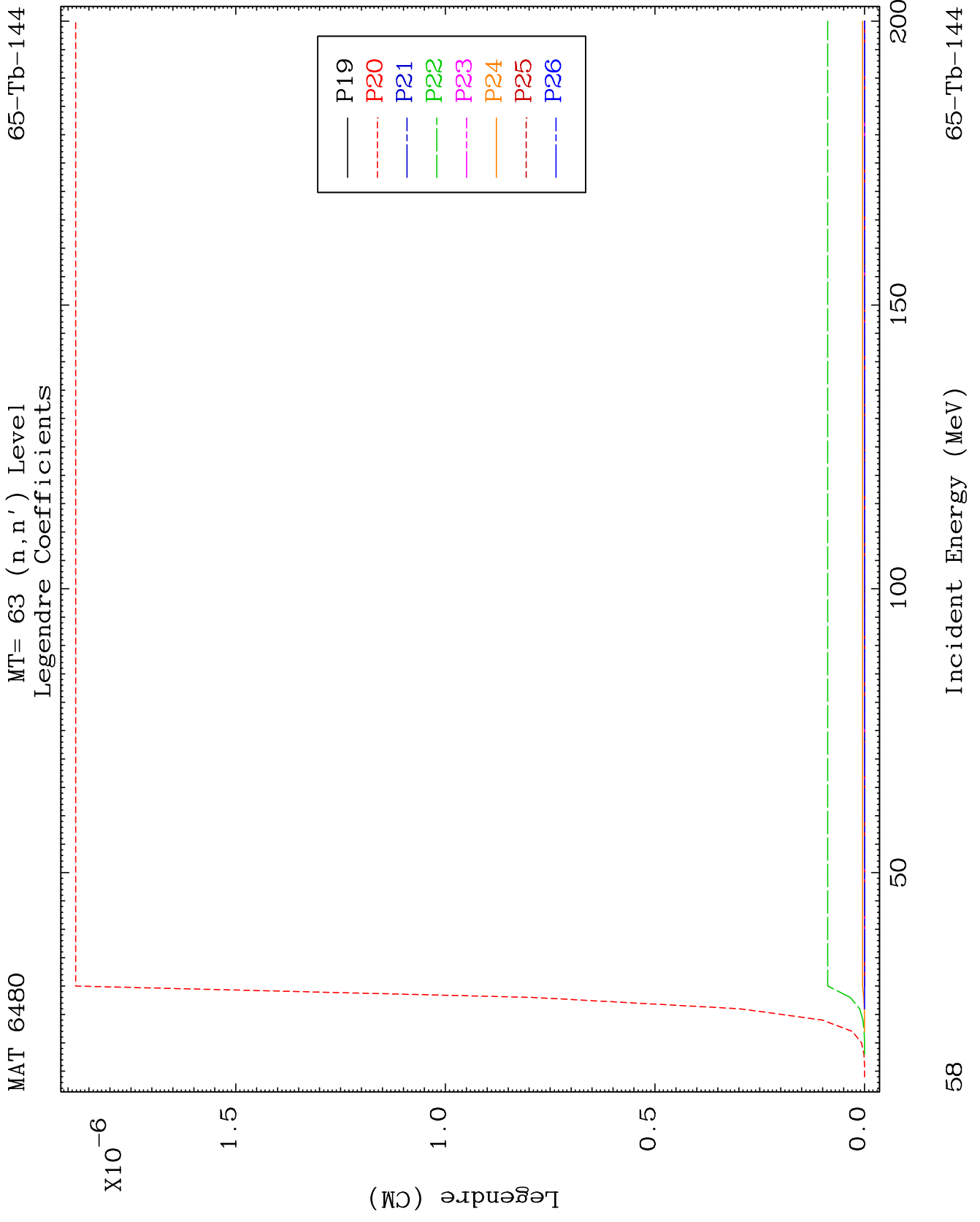
65-Tb-144



57

Incident Energy (MeV)

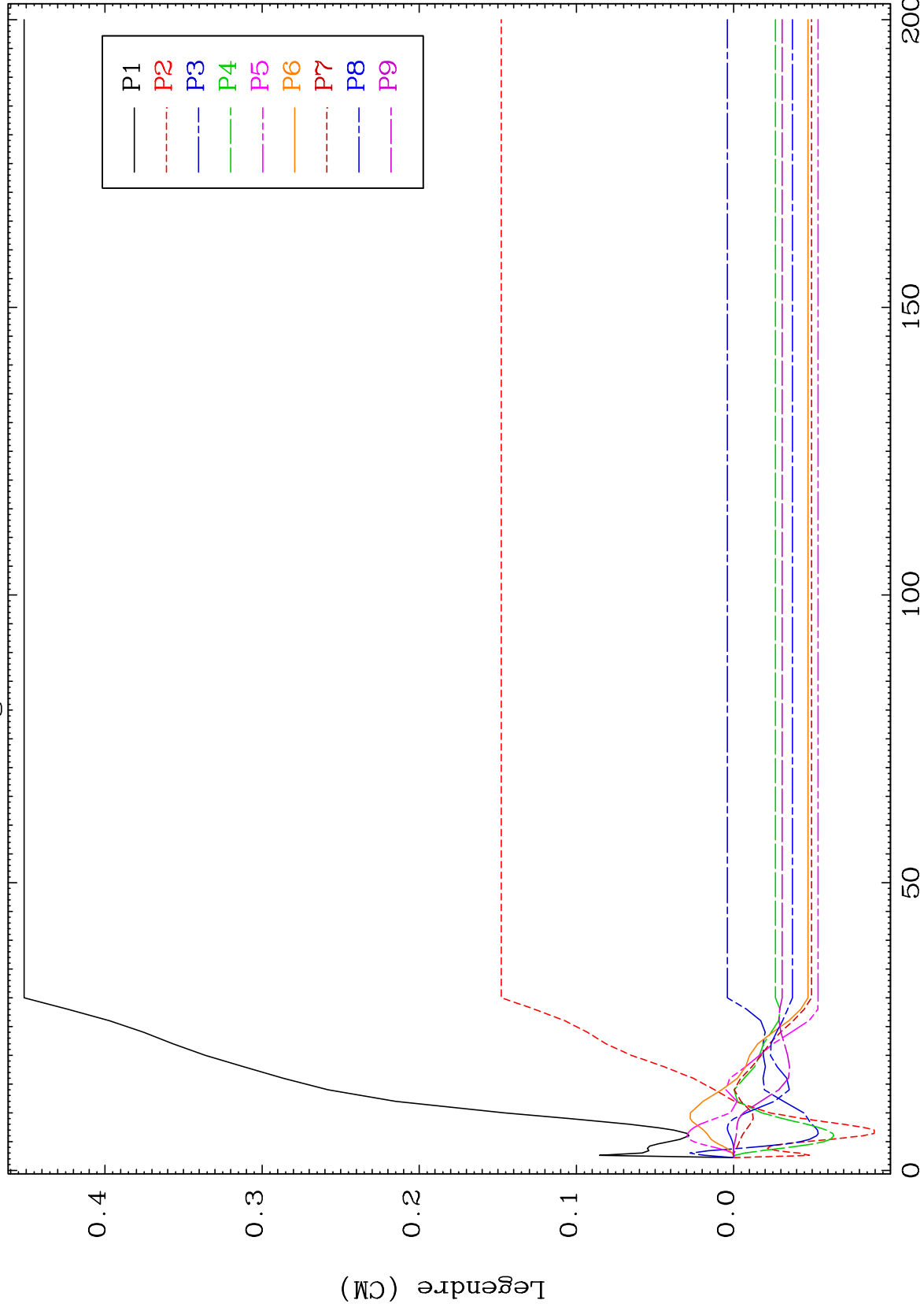
65-Tb-144



MAT 6480

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

65-Tb-144



59

Incident Energy (MeV)

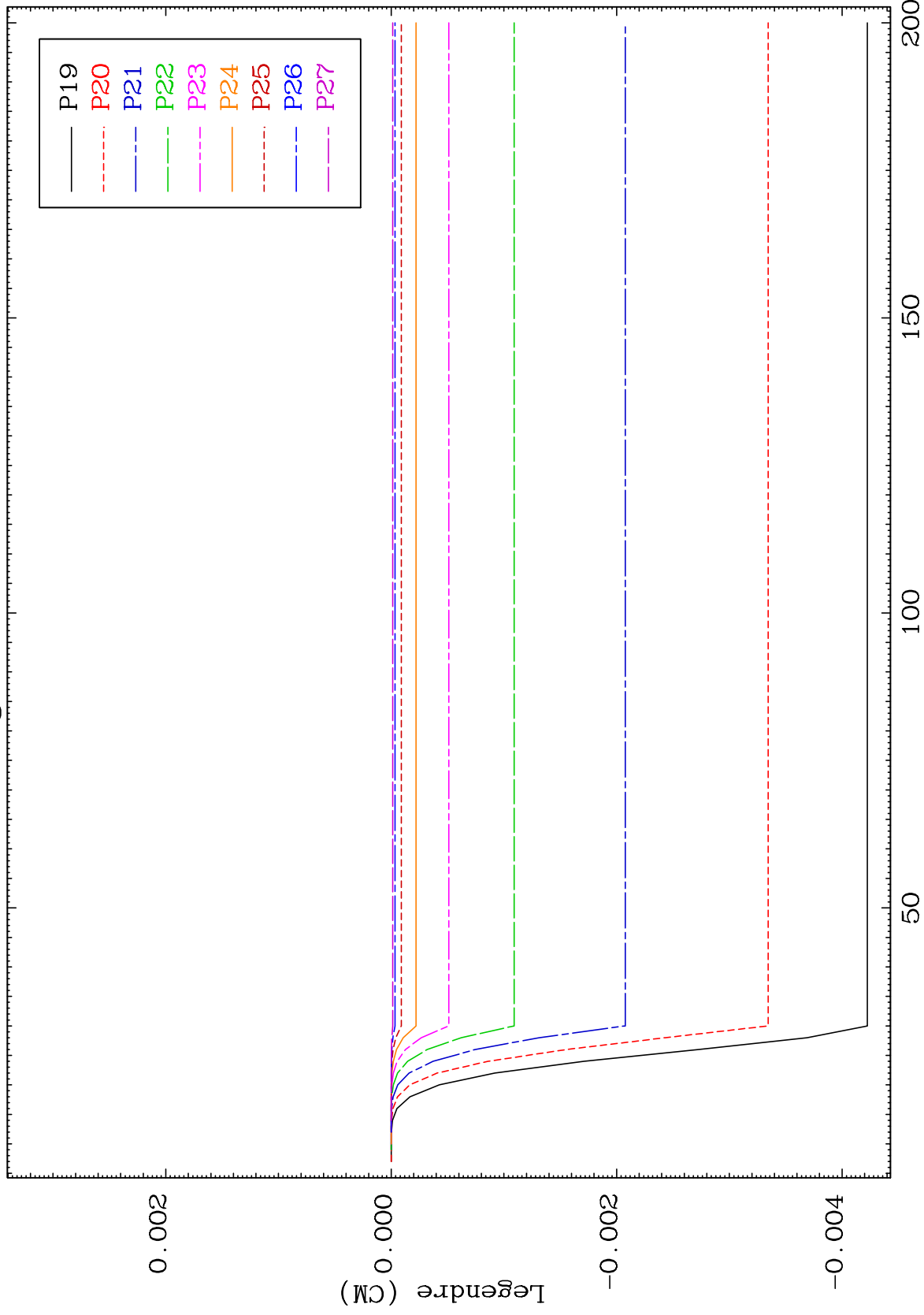
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MAT 6480

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

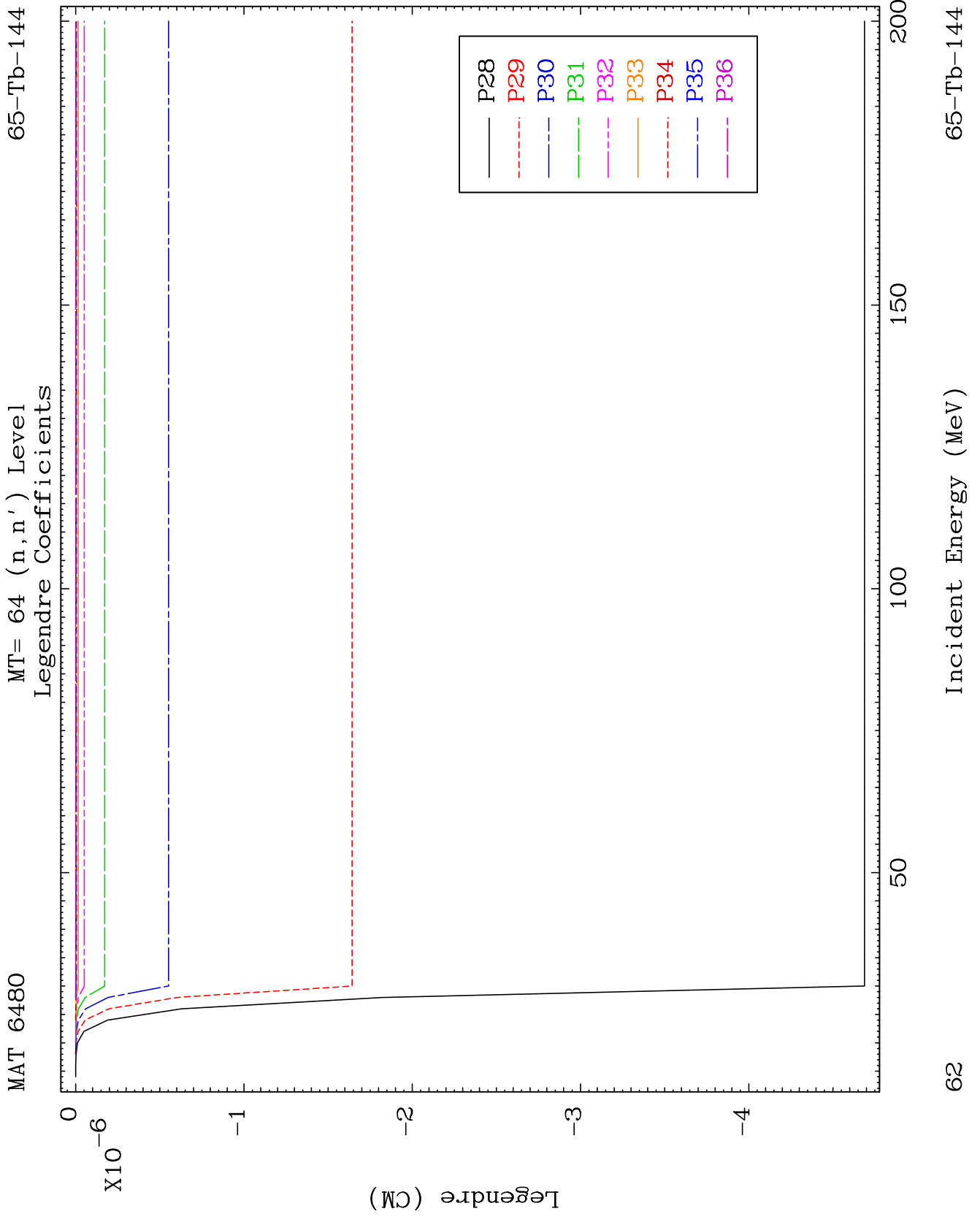
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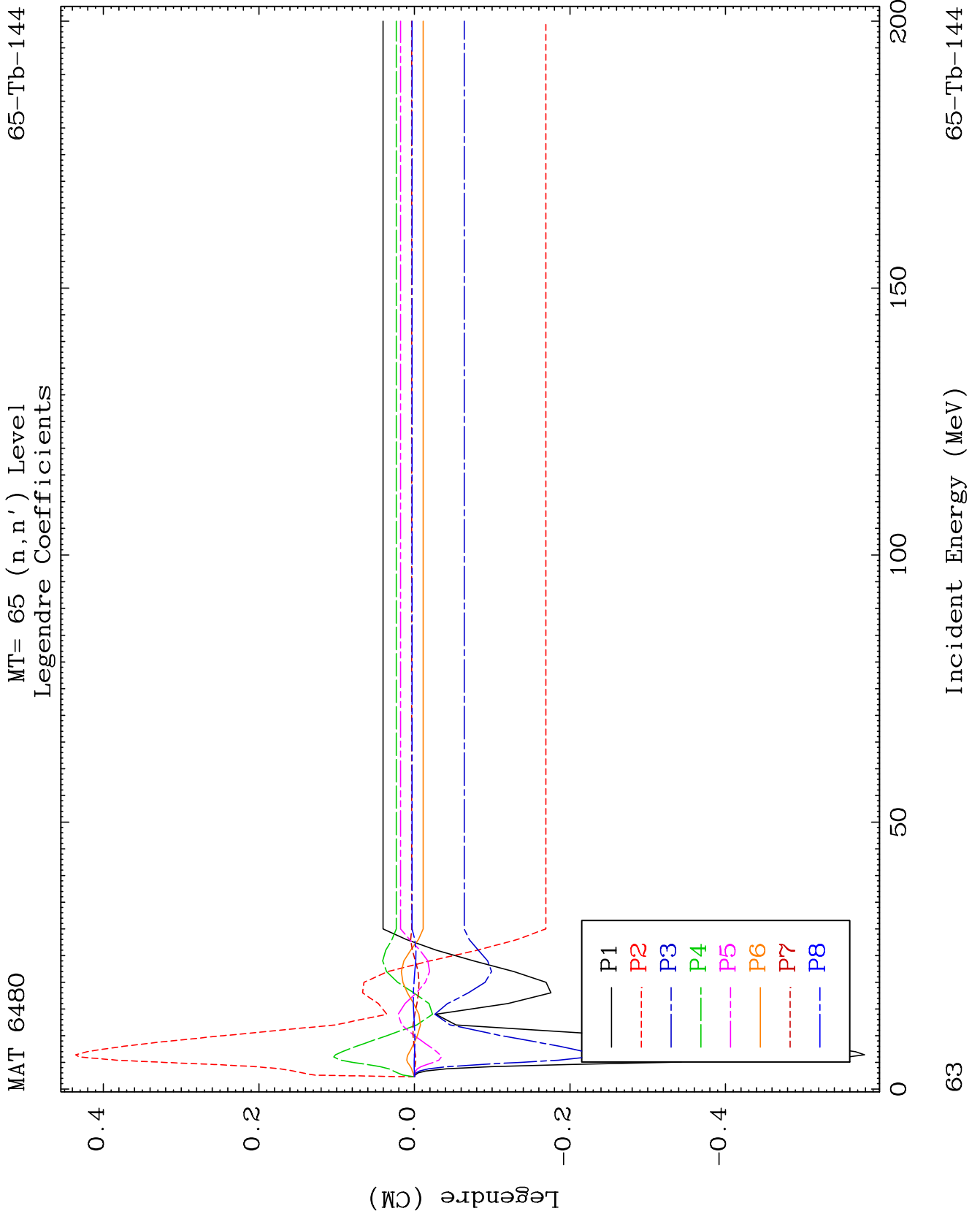


61

Incident Energy (MeV)

65-Tb-144





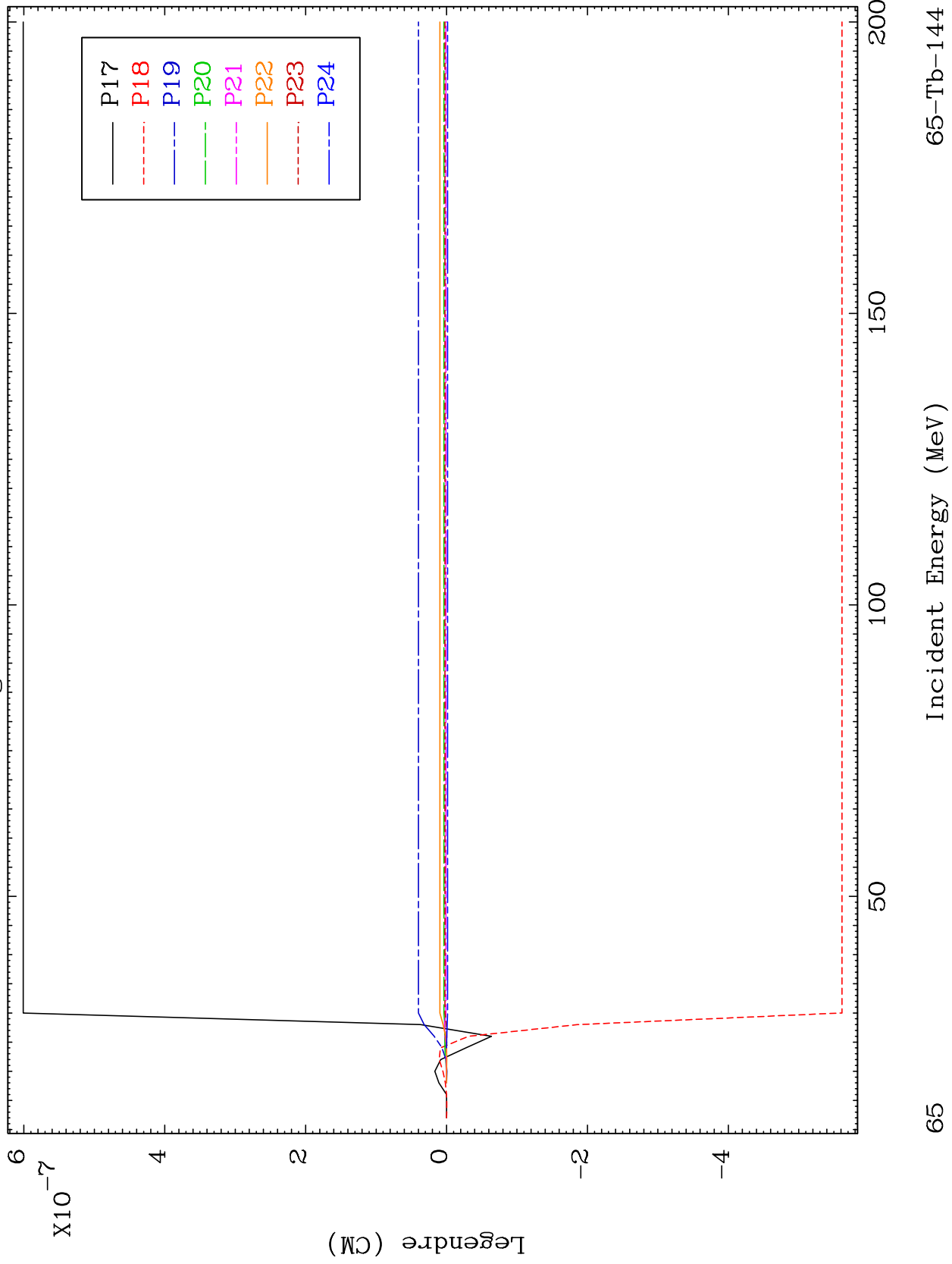




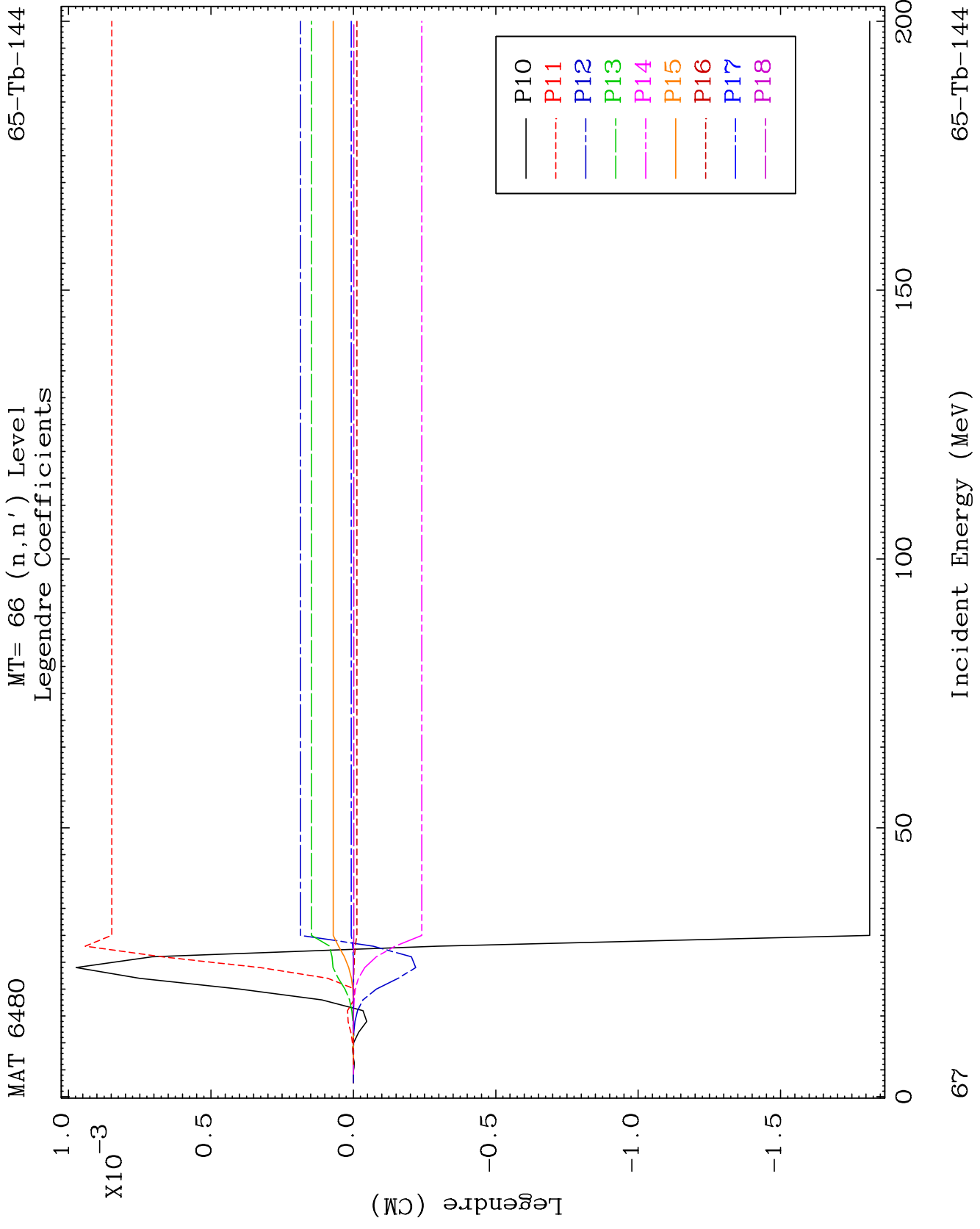
MAT 6480

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

65-Tb-144







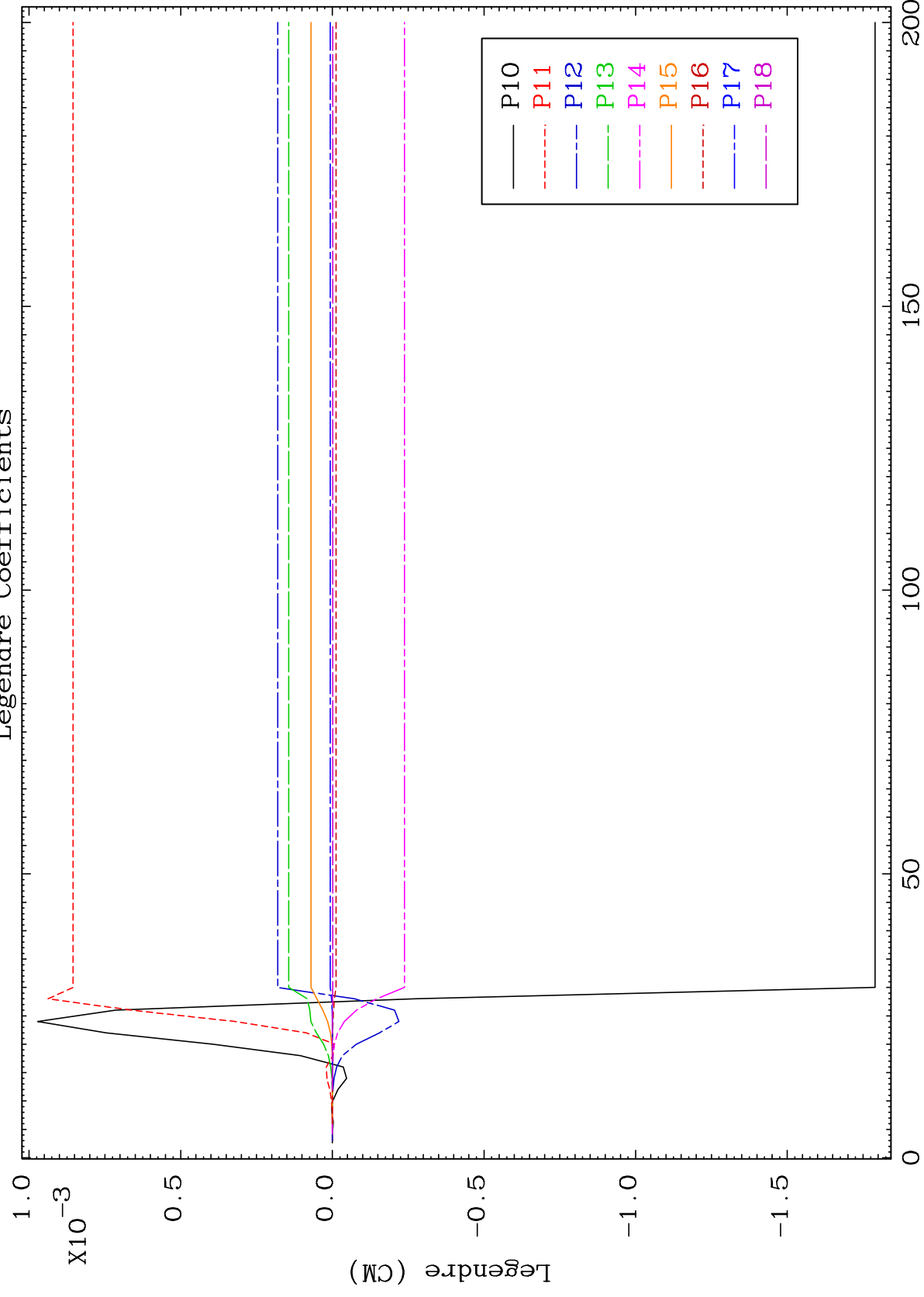




MAT 6480

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

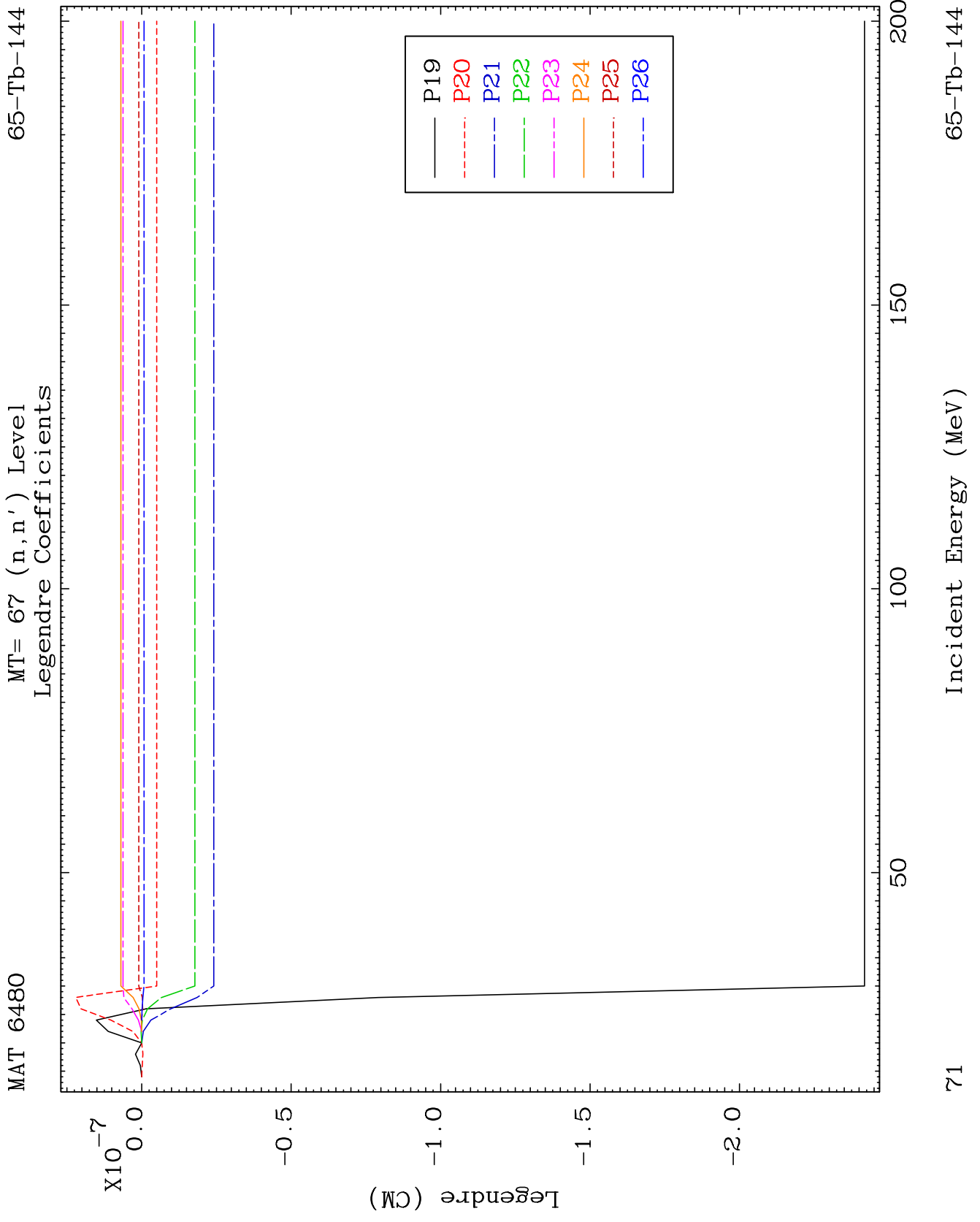
65-Tb-144



70

Incident Energy (MeV)

65-Tb-144

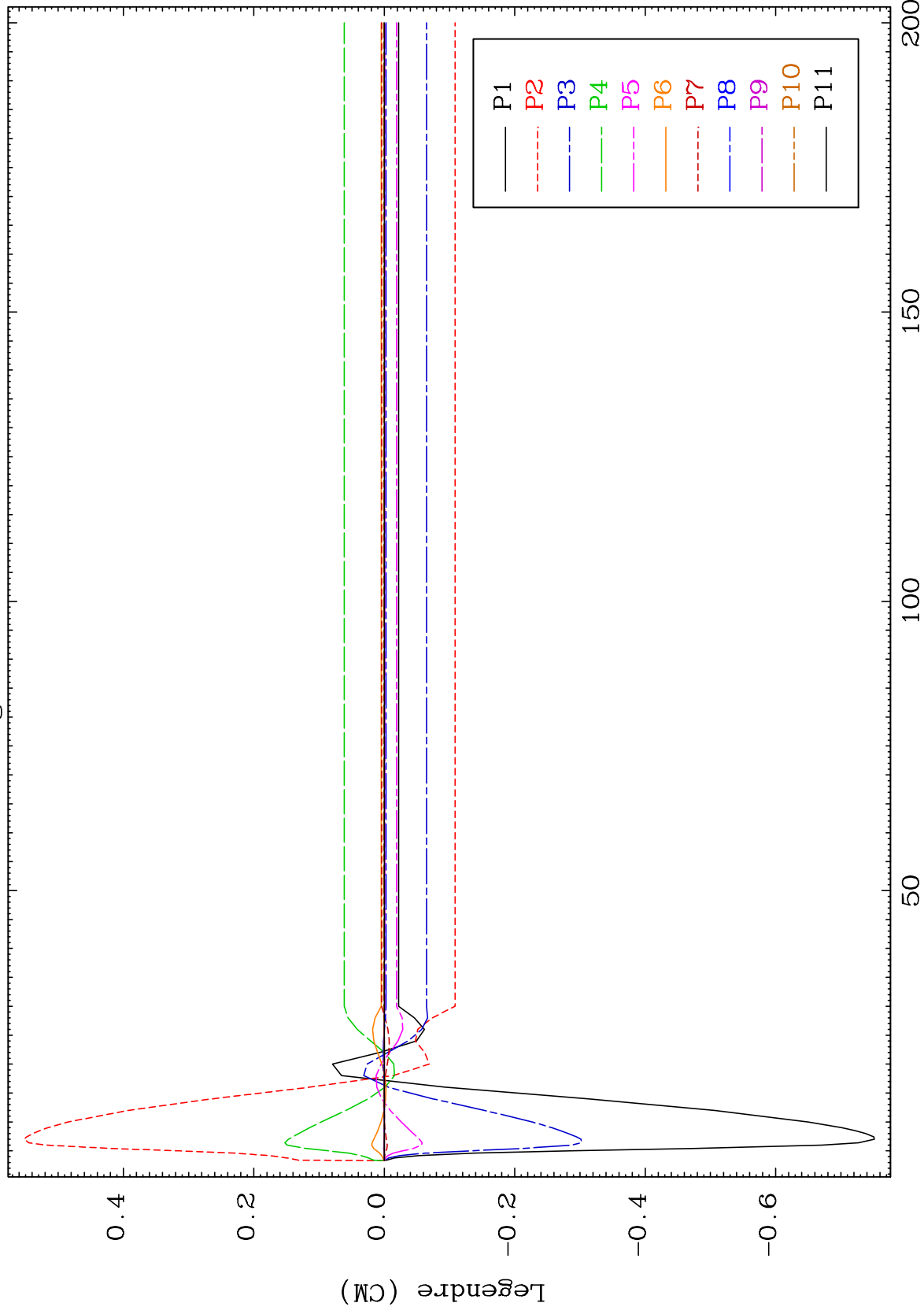




MAT 6480

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

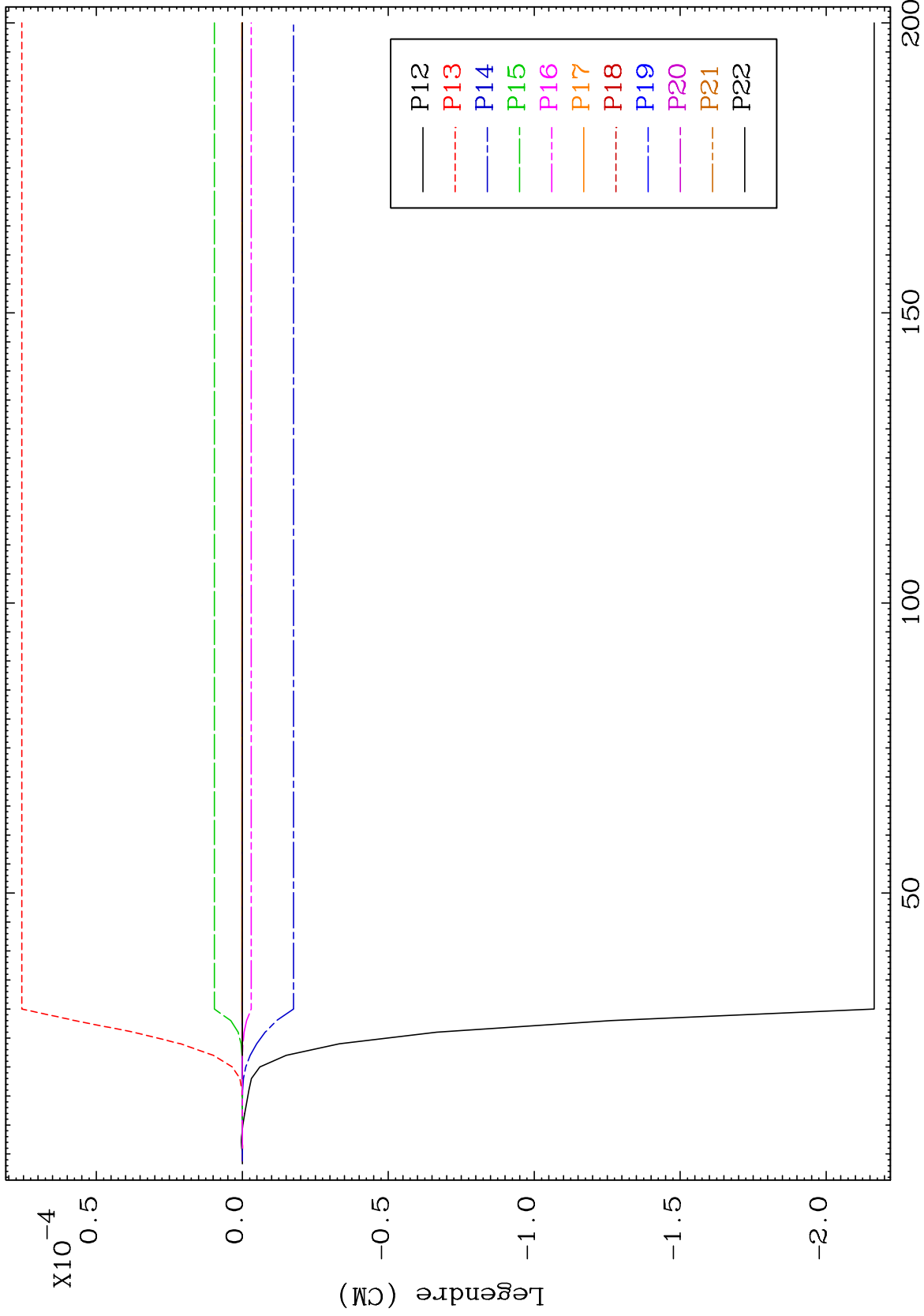
65-Tb-144



MAT 6480

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

65-Tb-144



73

Incident Energy (MeV)

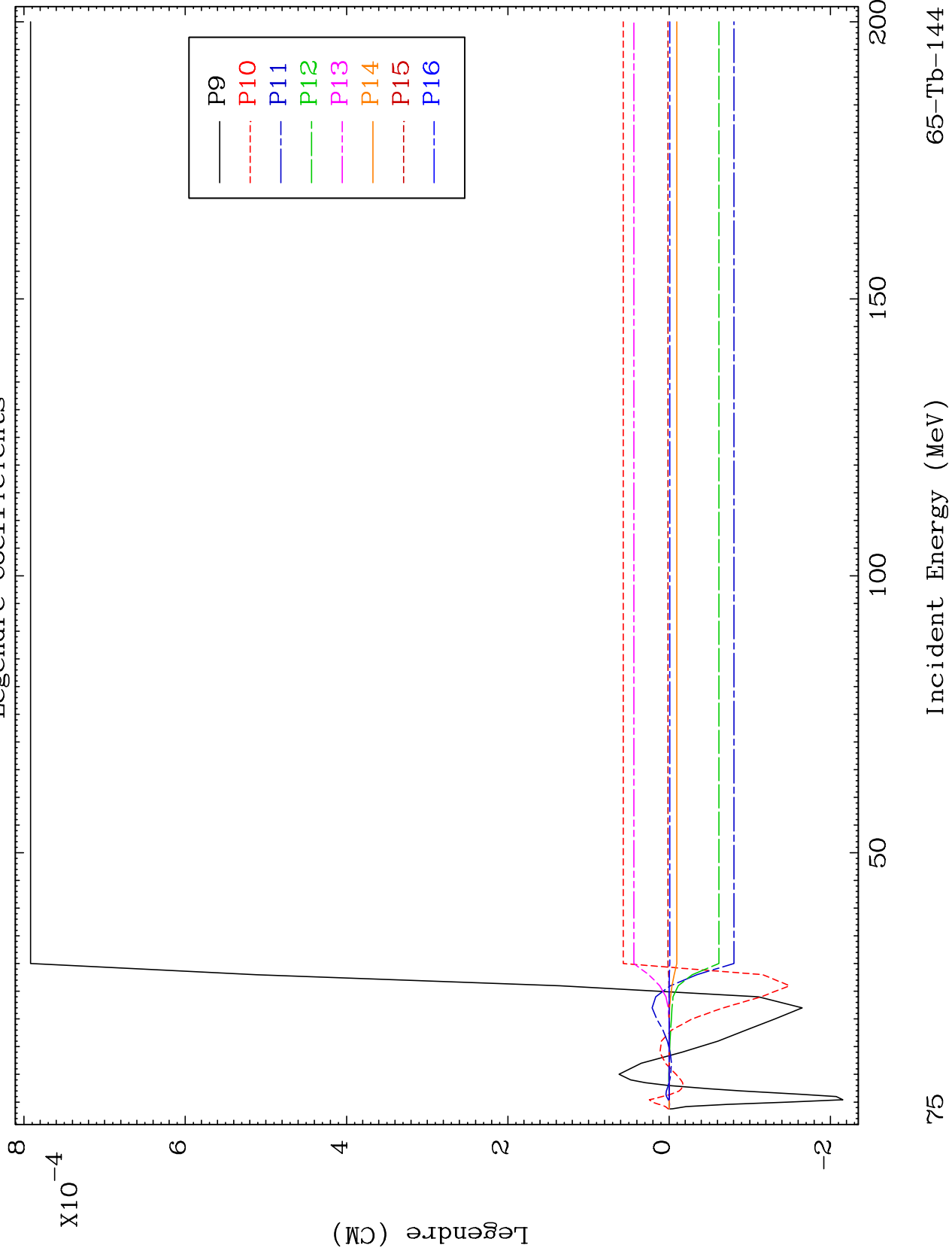
65-Tb-144



MAT 6480

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

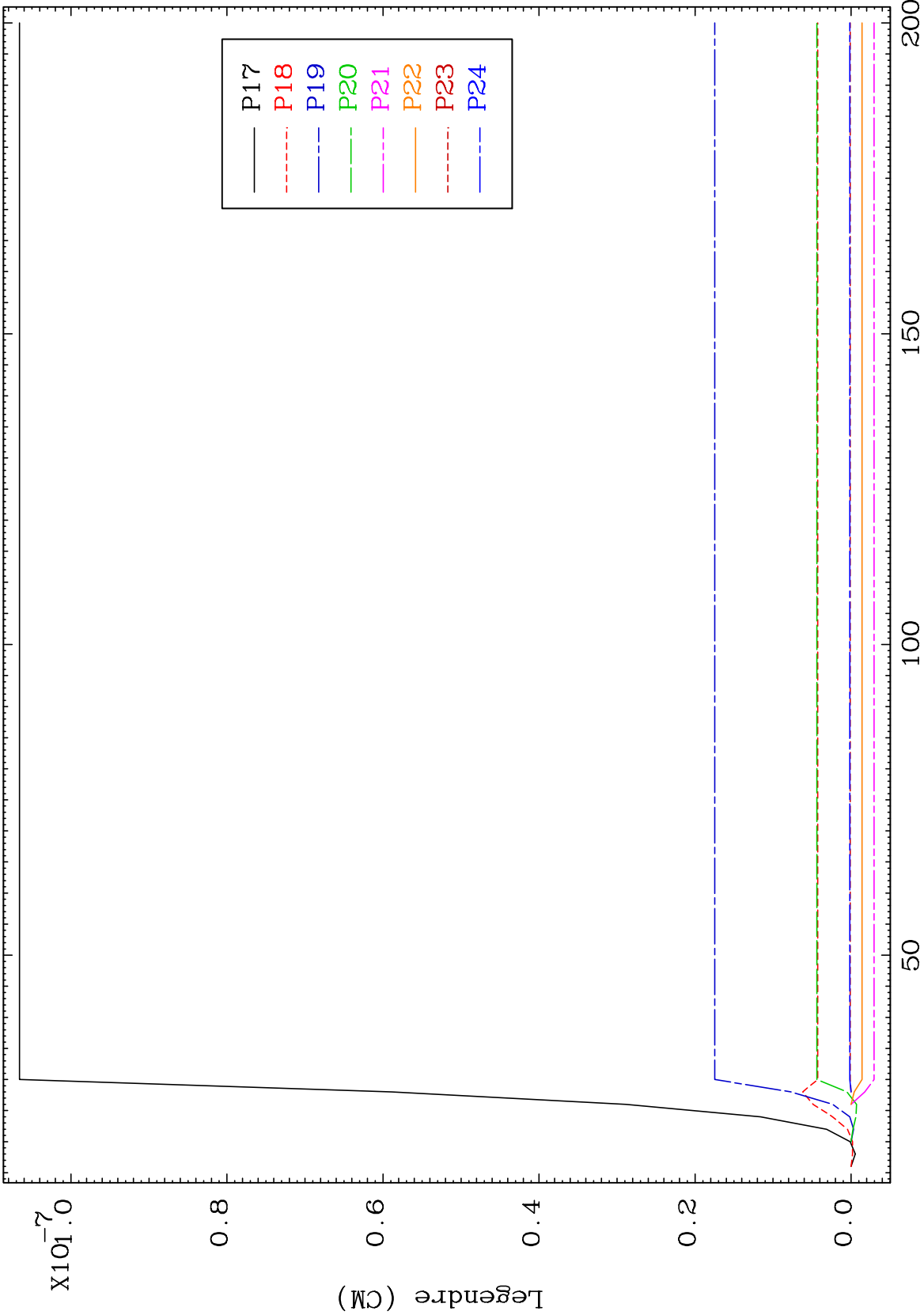
65-Tb-144



MAT 6480

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

65-Tb-144



76

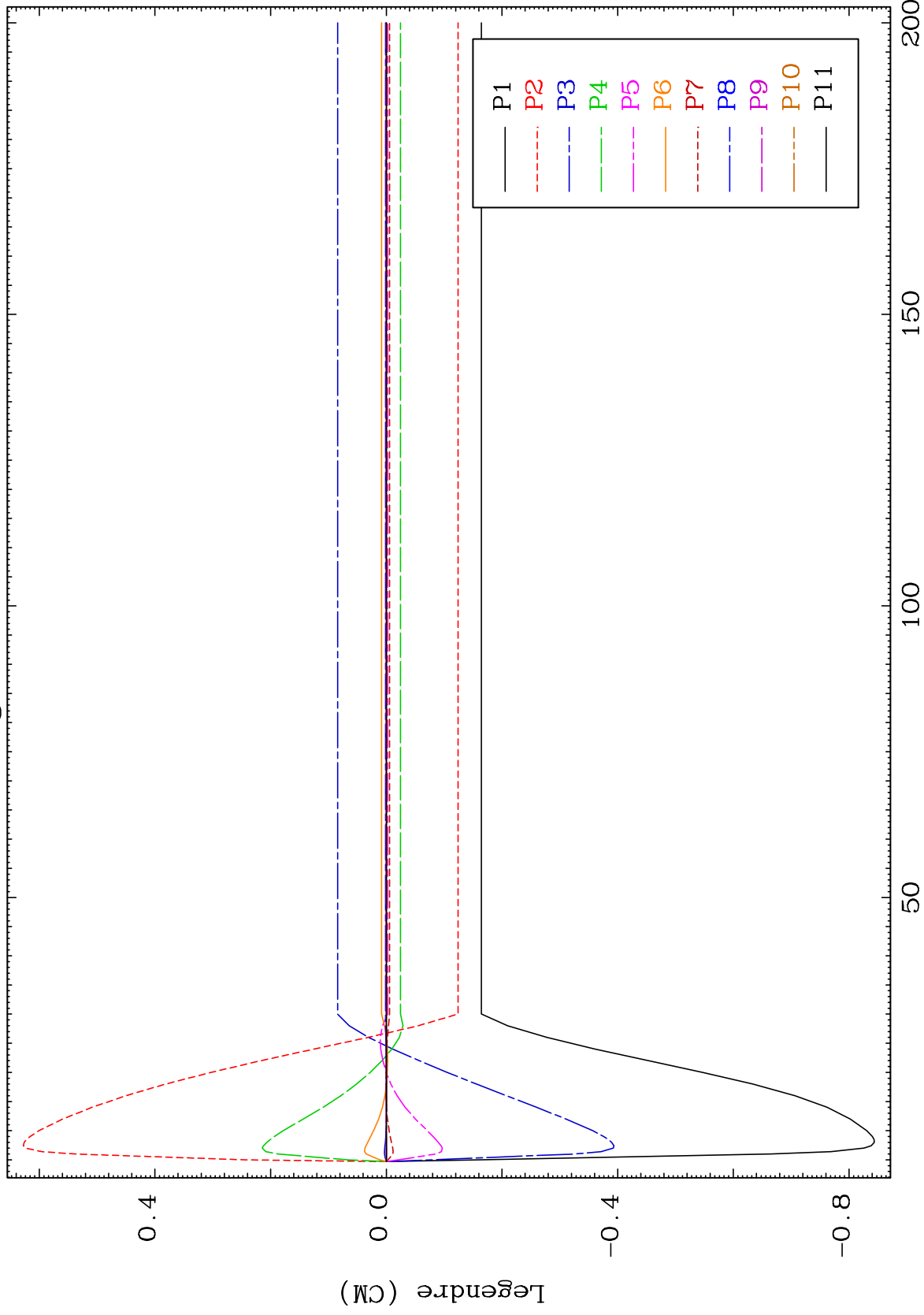
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

65-Tb-144



77

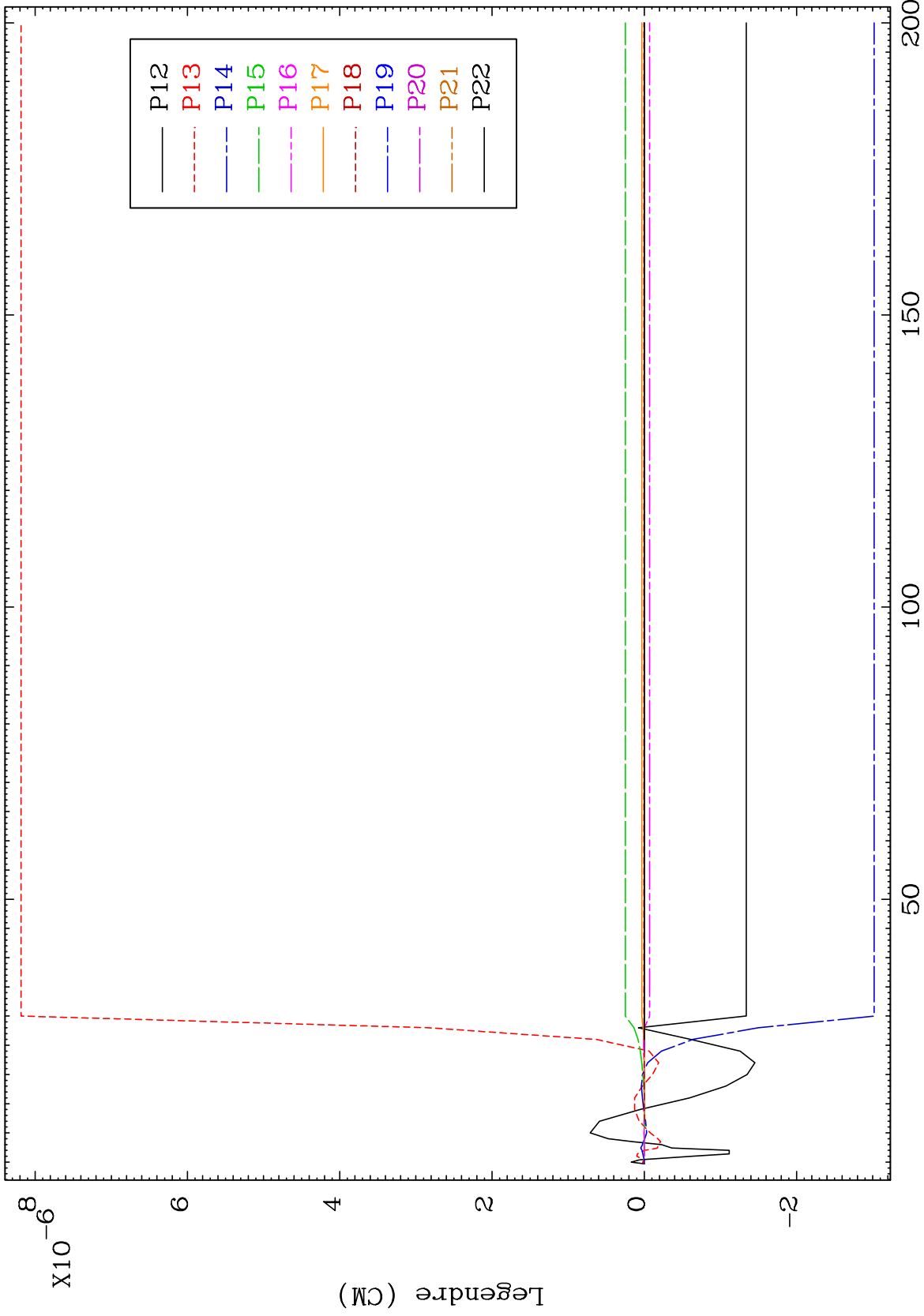
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

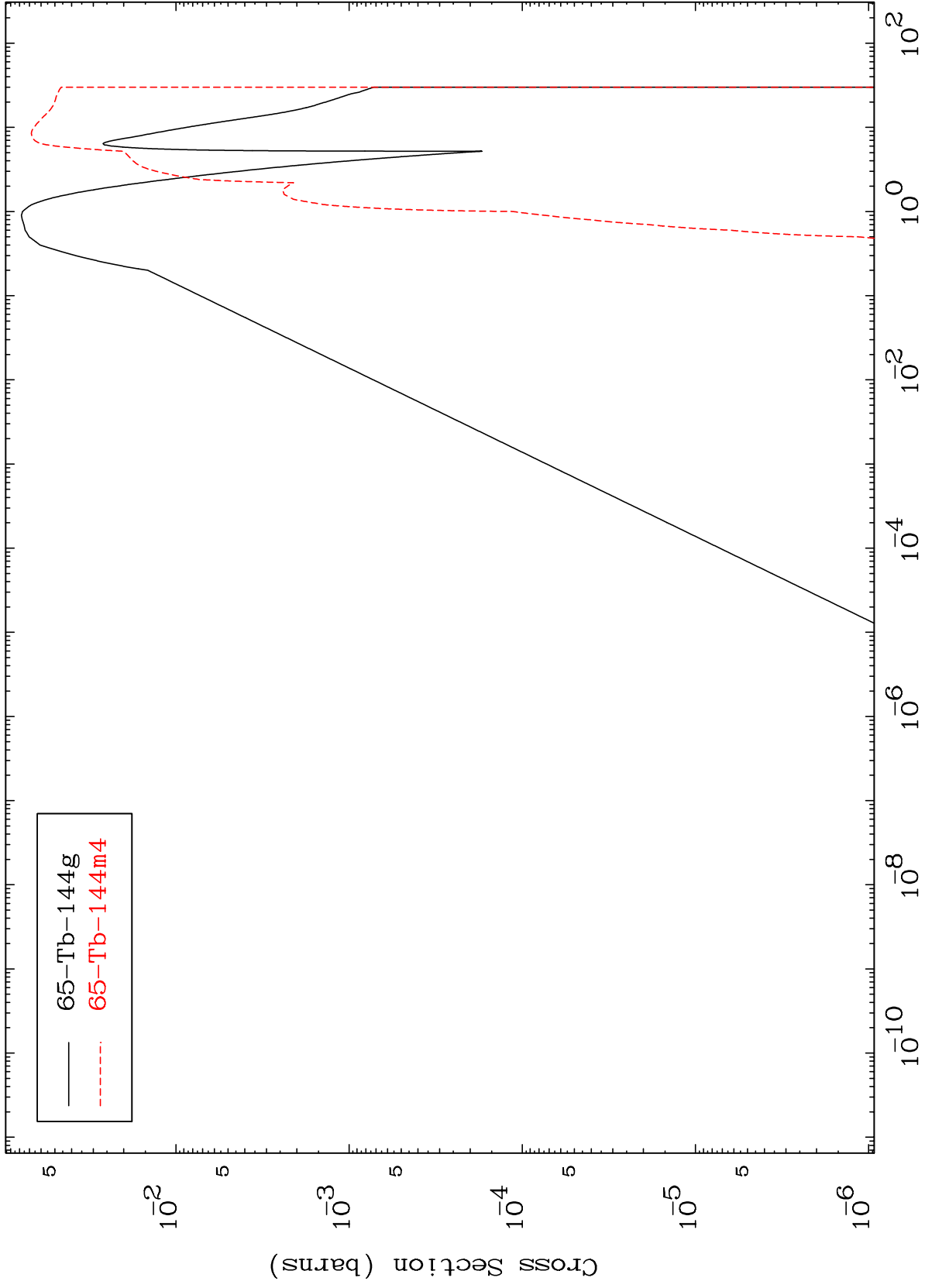
65-Tb-144



MAT 6480

Inelastic  
Radionuclide Production Cross Section

65-Tb-144



79

Incident Energy (MeV)

65-Tb-144

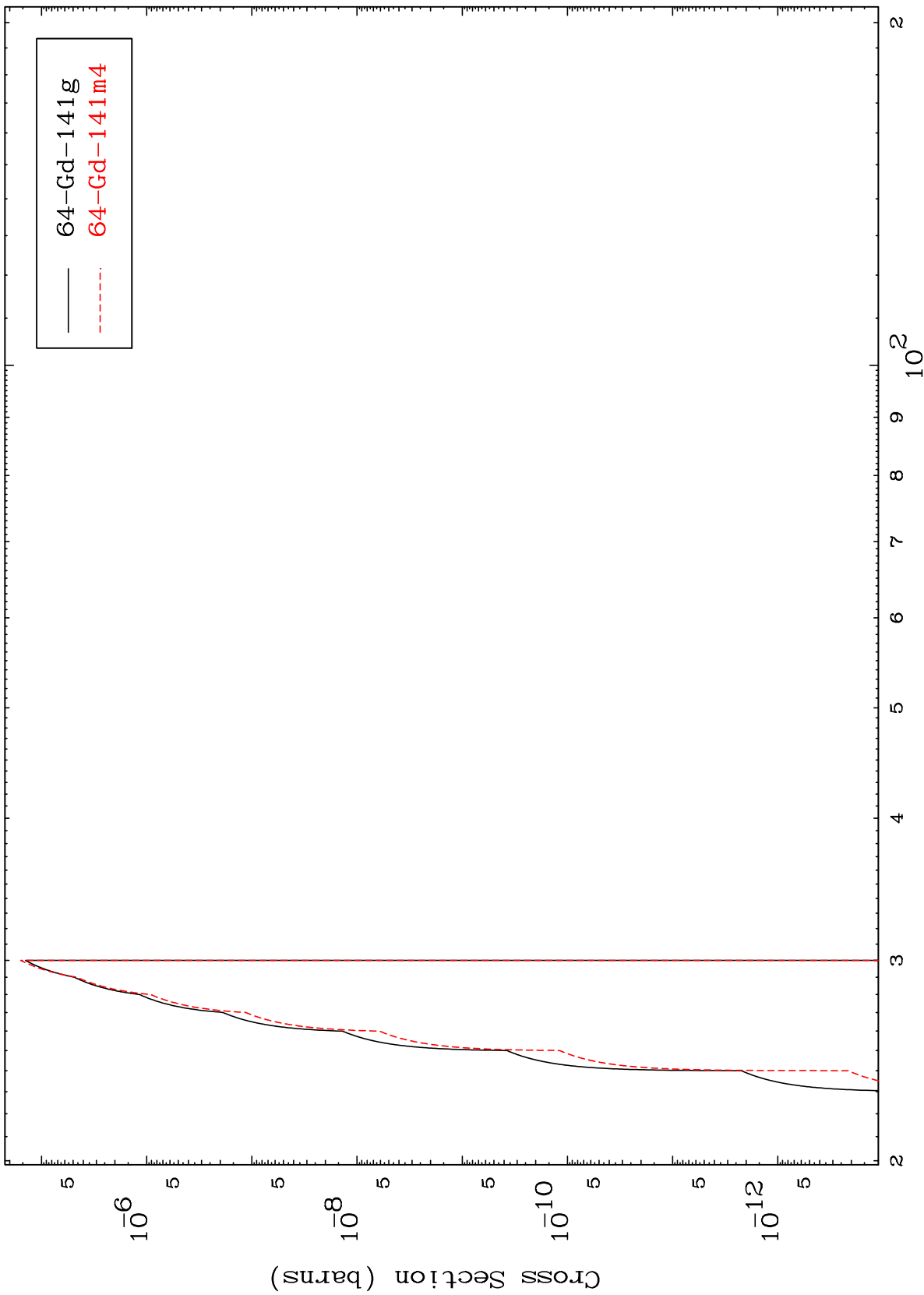


MAT 6480

(n,2n) d

65-Tb-144

Radionuclide Production Cross Section



80

Incident Energy (MeV)

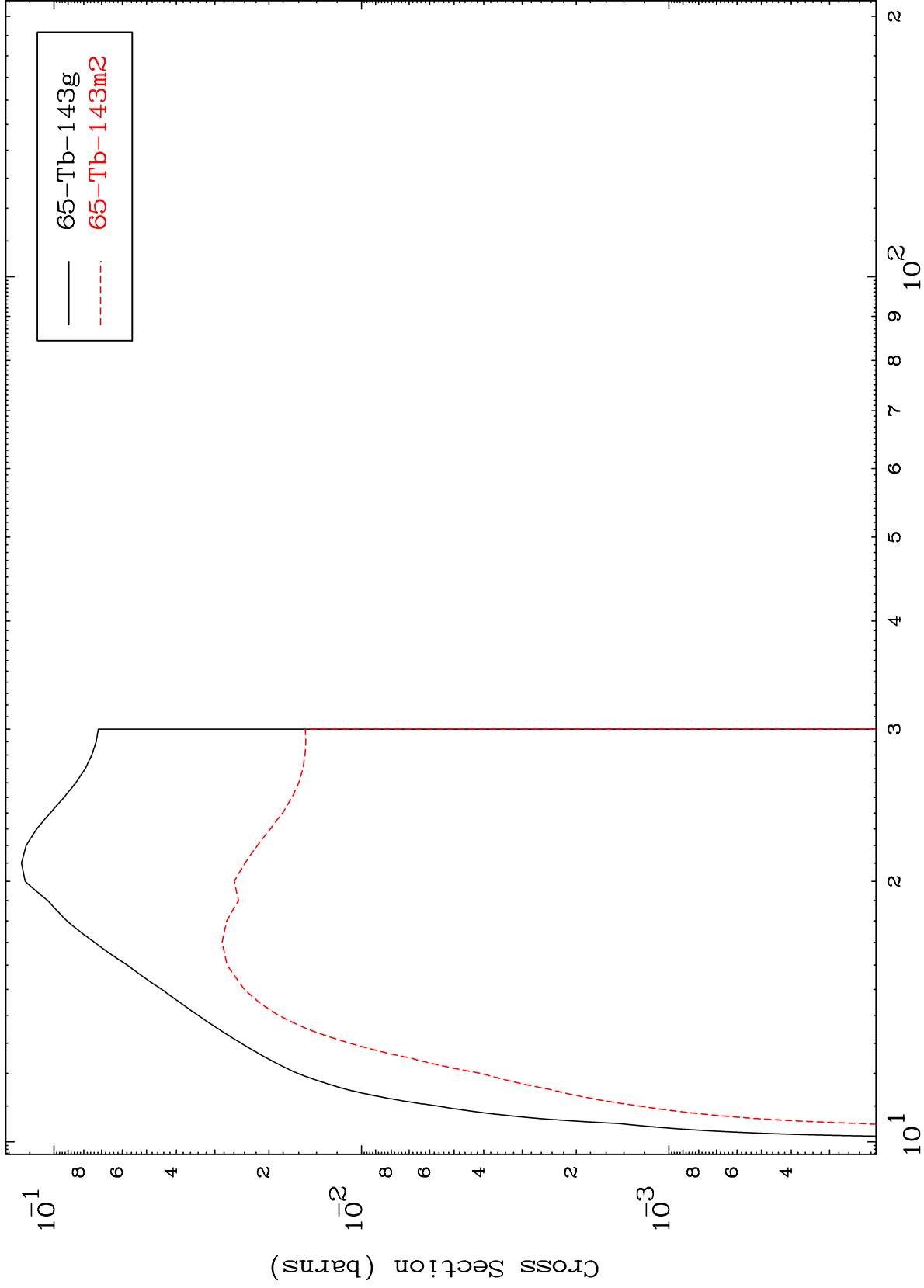
65-Tb-144

MAT 6480

(n,2n)

65-Tb-144

Radionuclide Production Cross Section



Incident Energy (MeV)

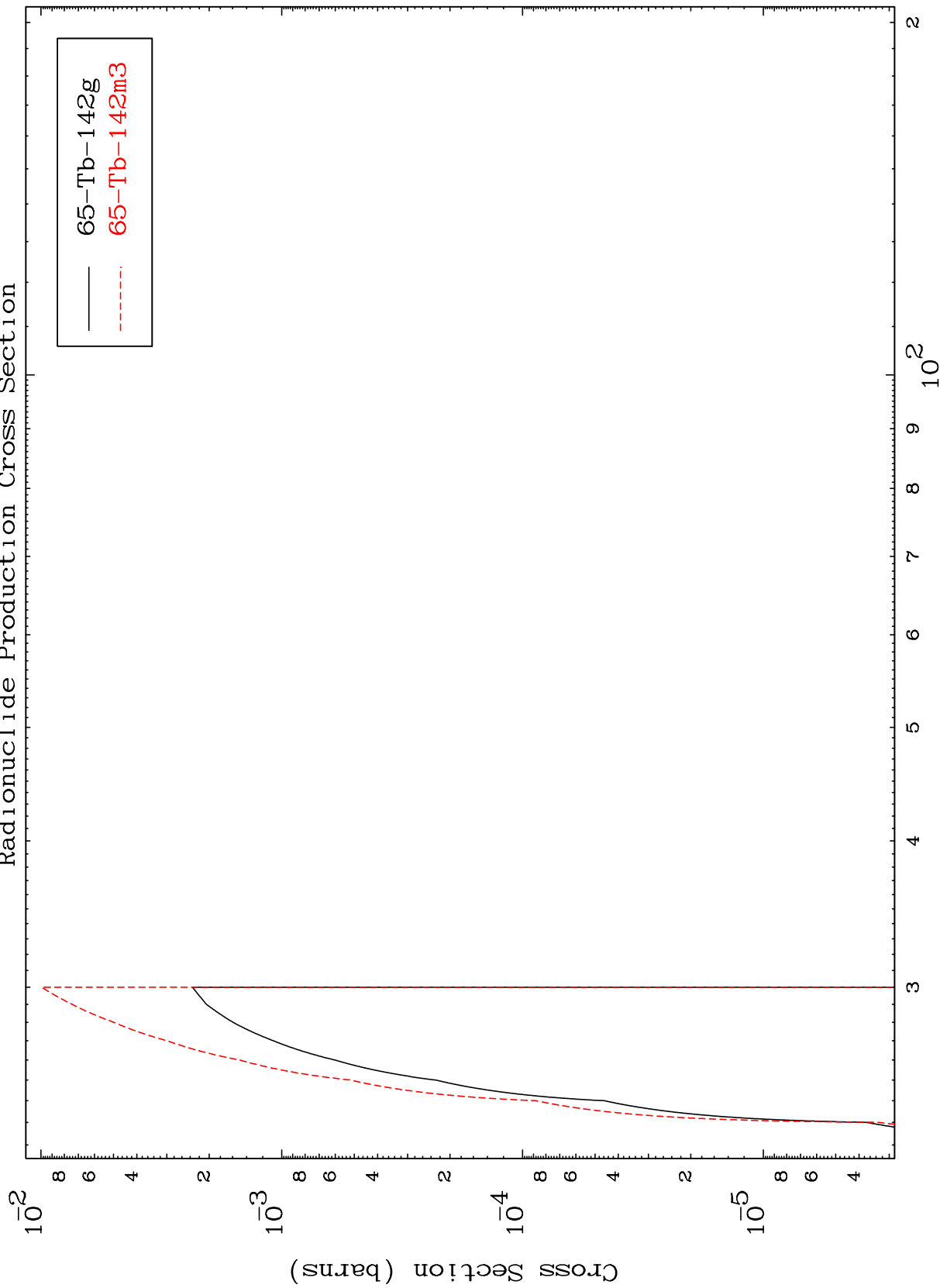
65-Tb-144

81

MAT 6480

65-Tb-144

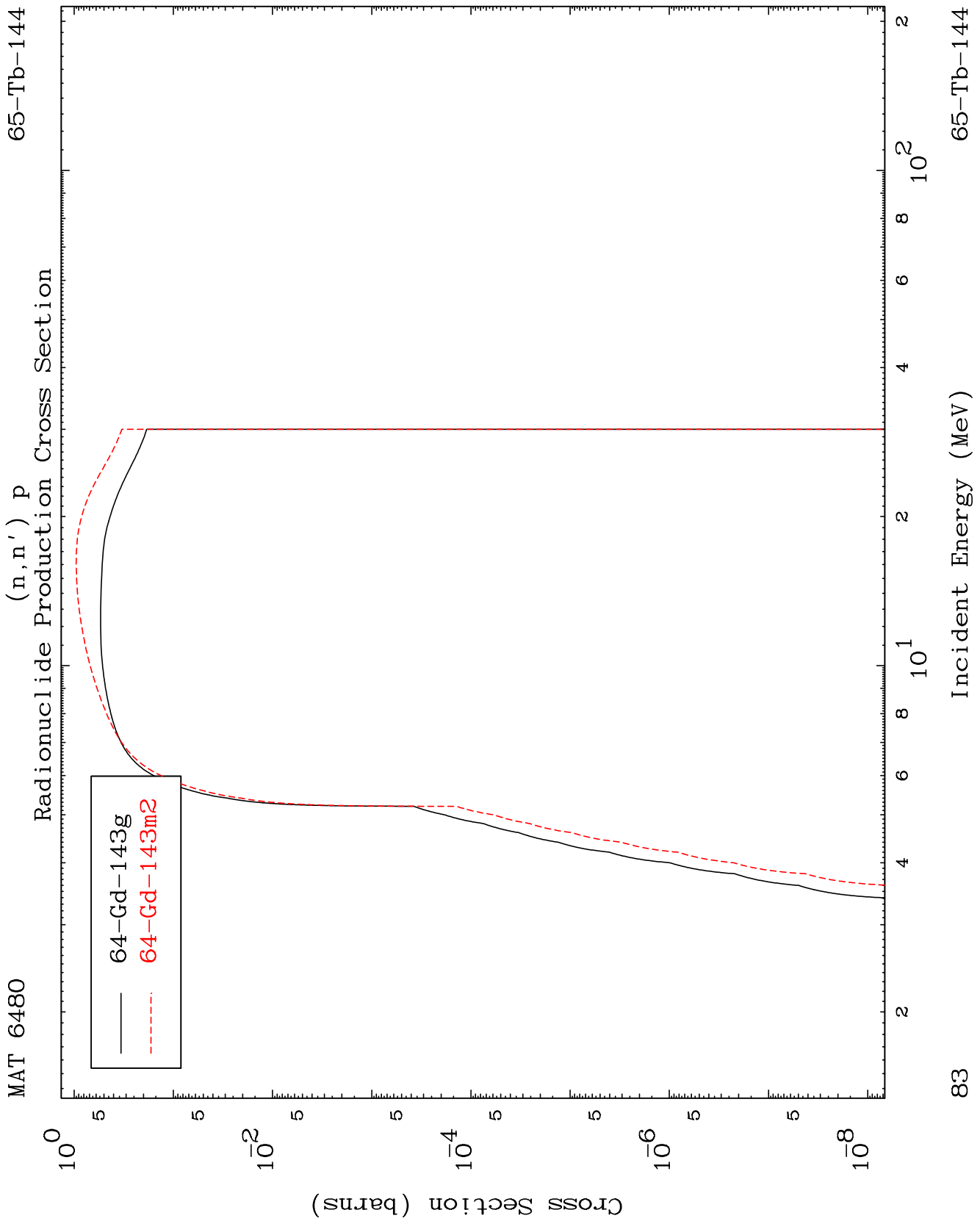
(n,3n)  
Radionuclide Production Cross Section



82

65-Tb-144

Incident Energy (MeV)

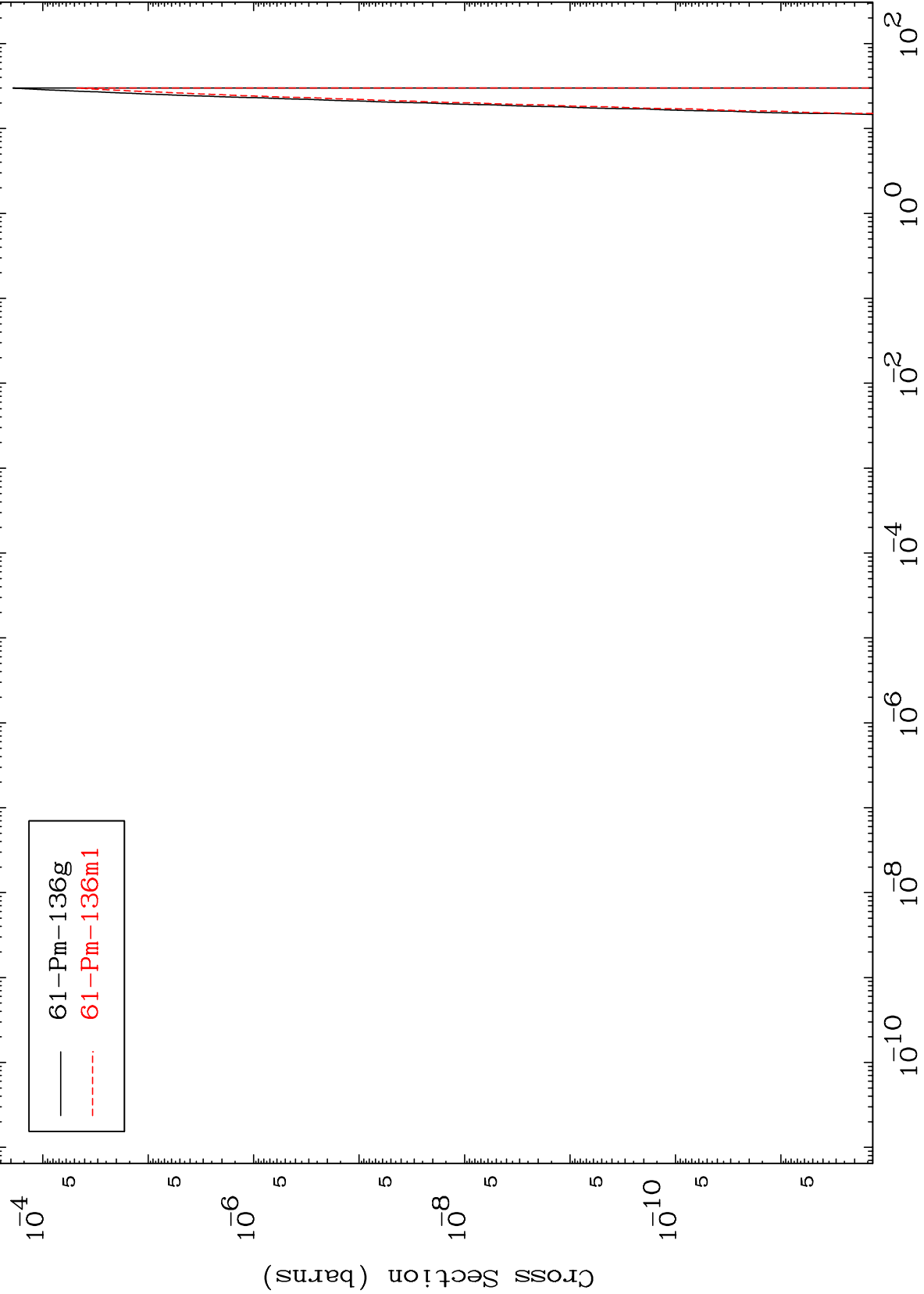


MAT 6480

(n,n') 2 $\alpha$

65-Tb-144

Radionuclide Production Cross Section



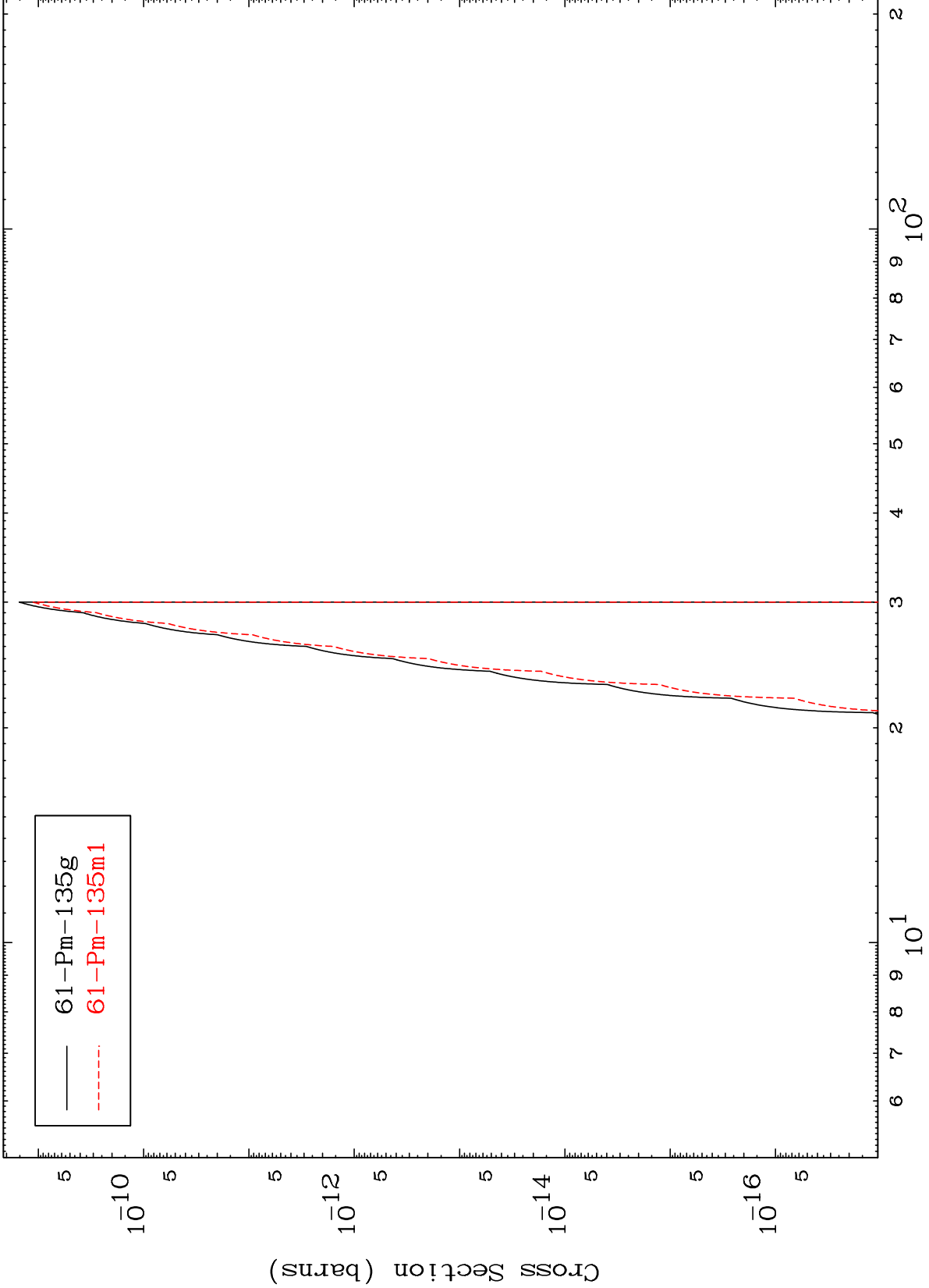
61-Pm-136g  
61-Pm-136m1

MAT 6480

(n,2n) 2α

65-Tb-144

Radionuclide Production Cross Section



61-Pm-135g  
61-Pm-135m1

85

Incident Energy (MeV)

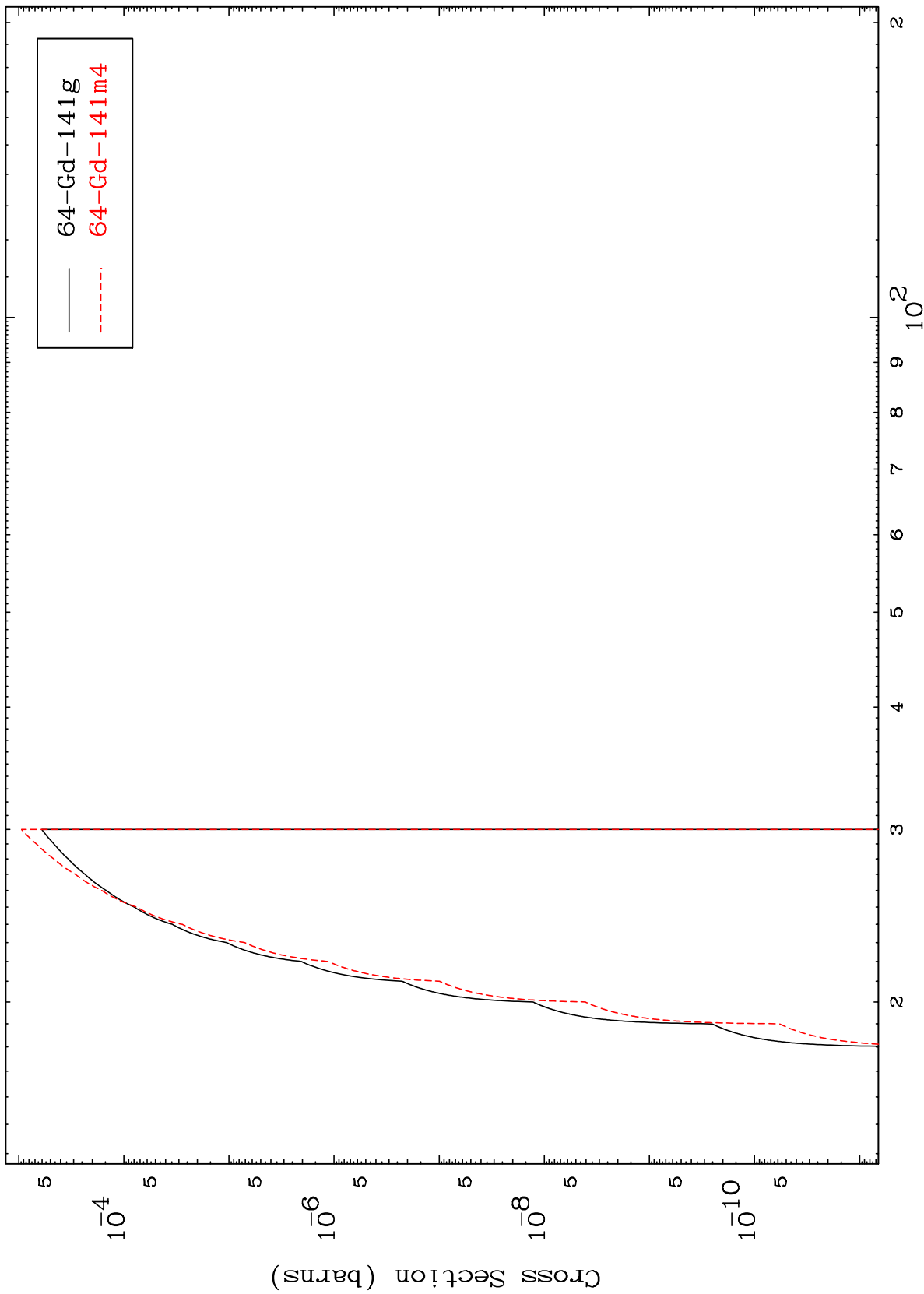
65-Tb-144

MAT 6480

(n,n') t

65-Tb-144

Radionuclide Production Cross Section



64-Gd-141g  
64-Gd-141m4

86

Incident Energy (MeV)

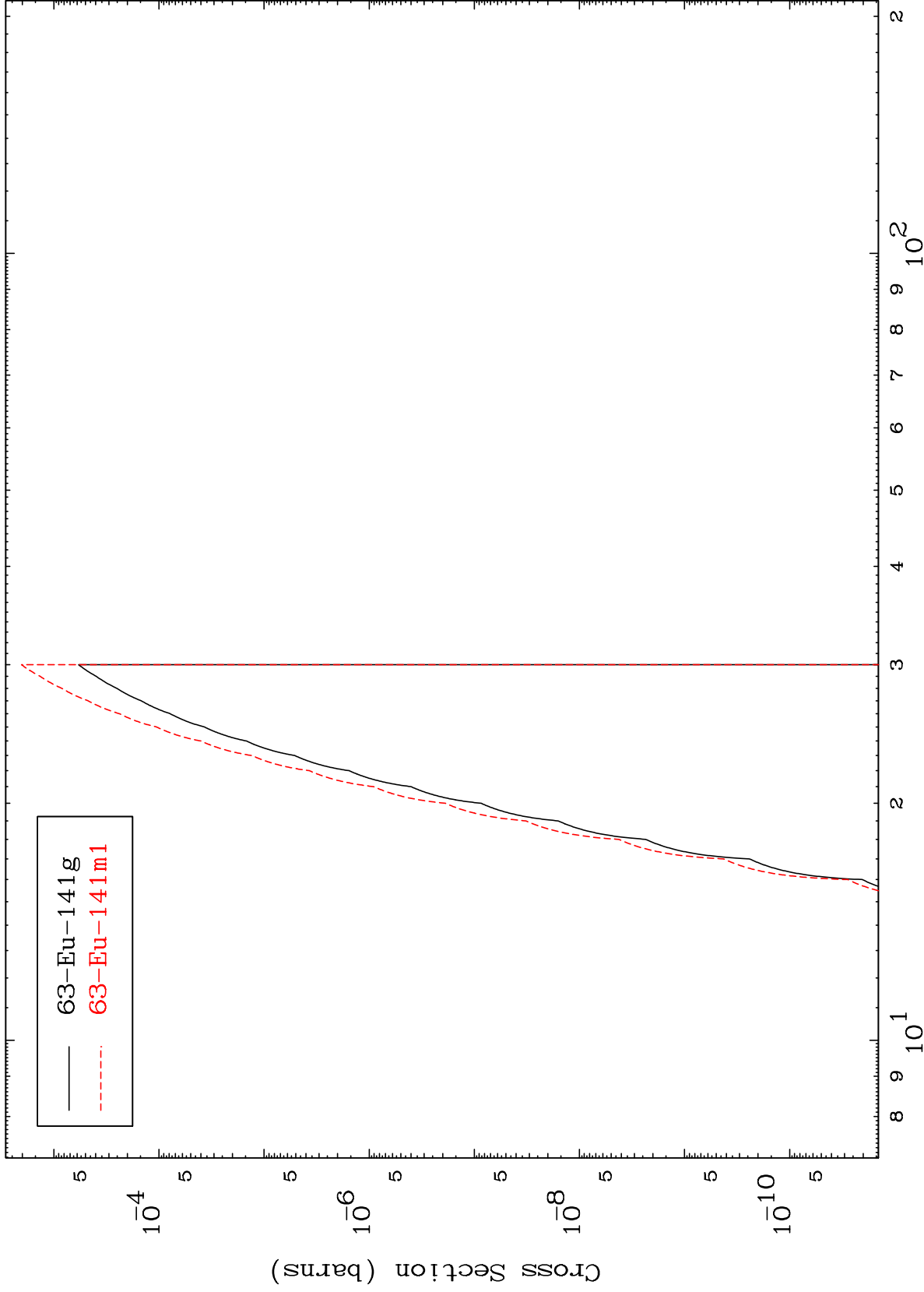
65-Tb-144

MAT 6480

(n,n') He-3

65-Tb-144

Radionuclide Production Cross Section



87

Incident Energy (MeV)

65-Tb-144

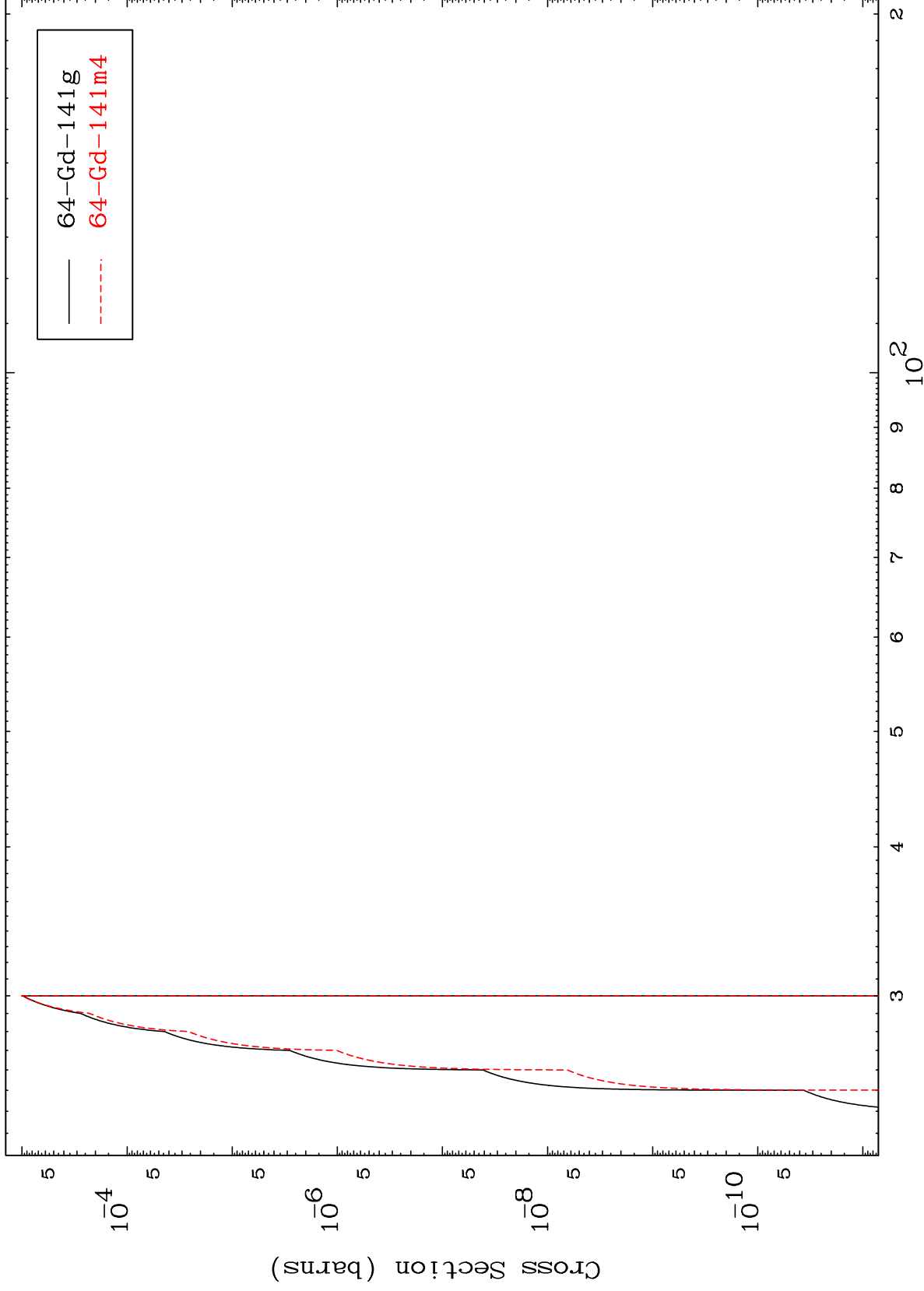


MAT 6480

(n,3n) p

65-Tb-144

Radionuclide Production Cross Section



88

Incident Energy (MeV)

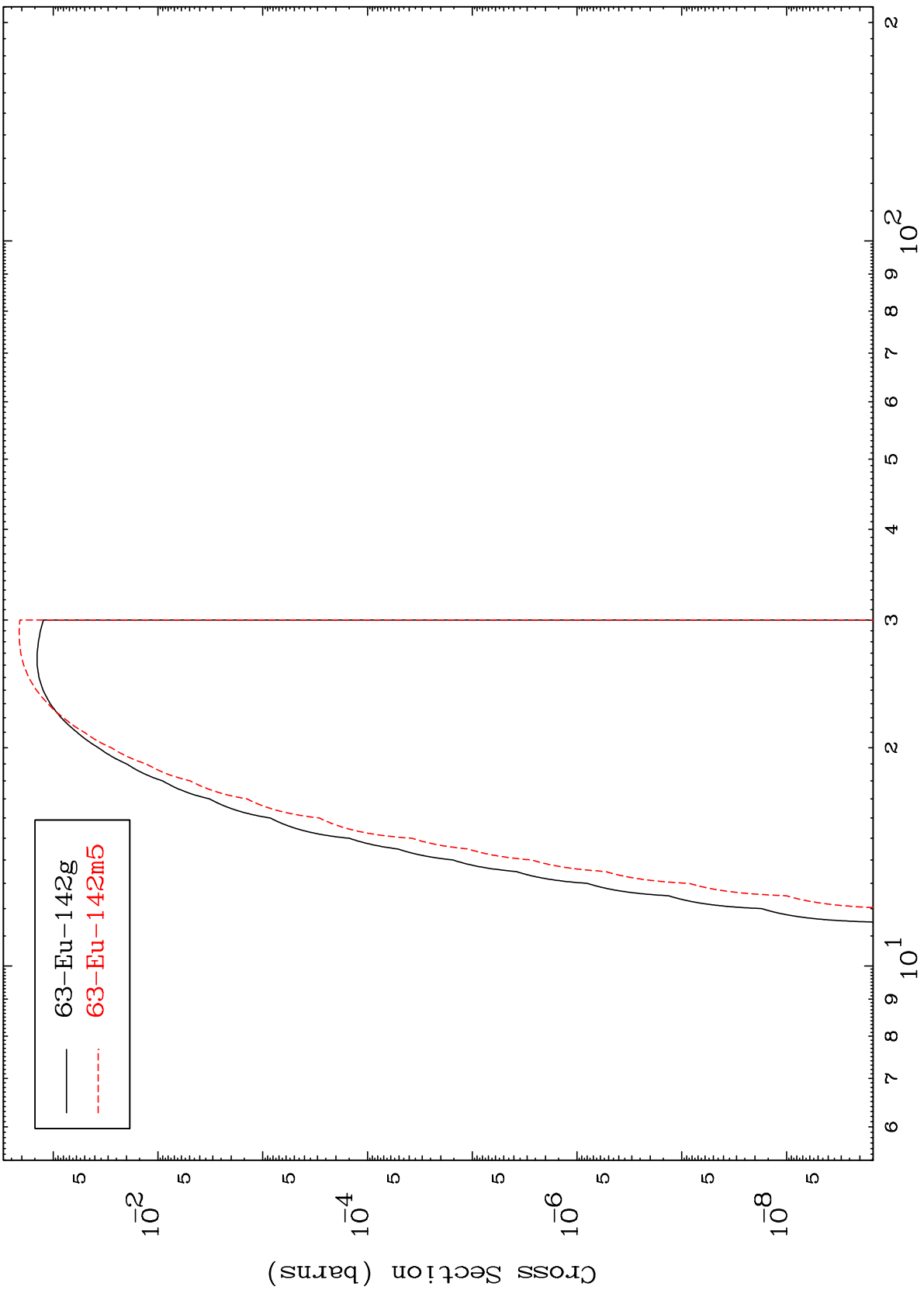
65-Tb-144

MAT 6480

(n,2n) p

65-Tb-144

Radionuclide Production Cross Section



63-Eu-142g  
63-Eu-142m5

89

Incident Energy (MeV)

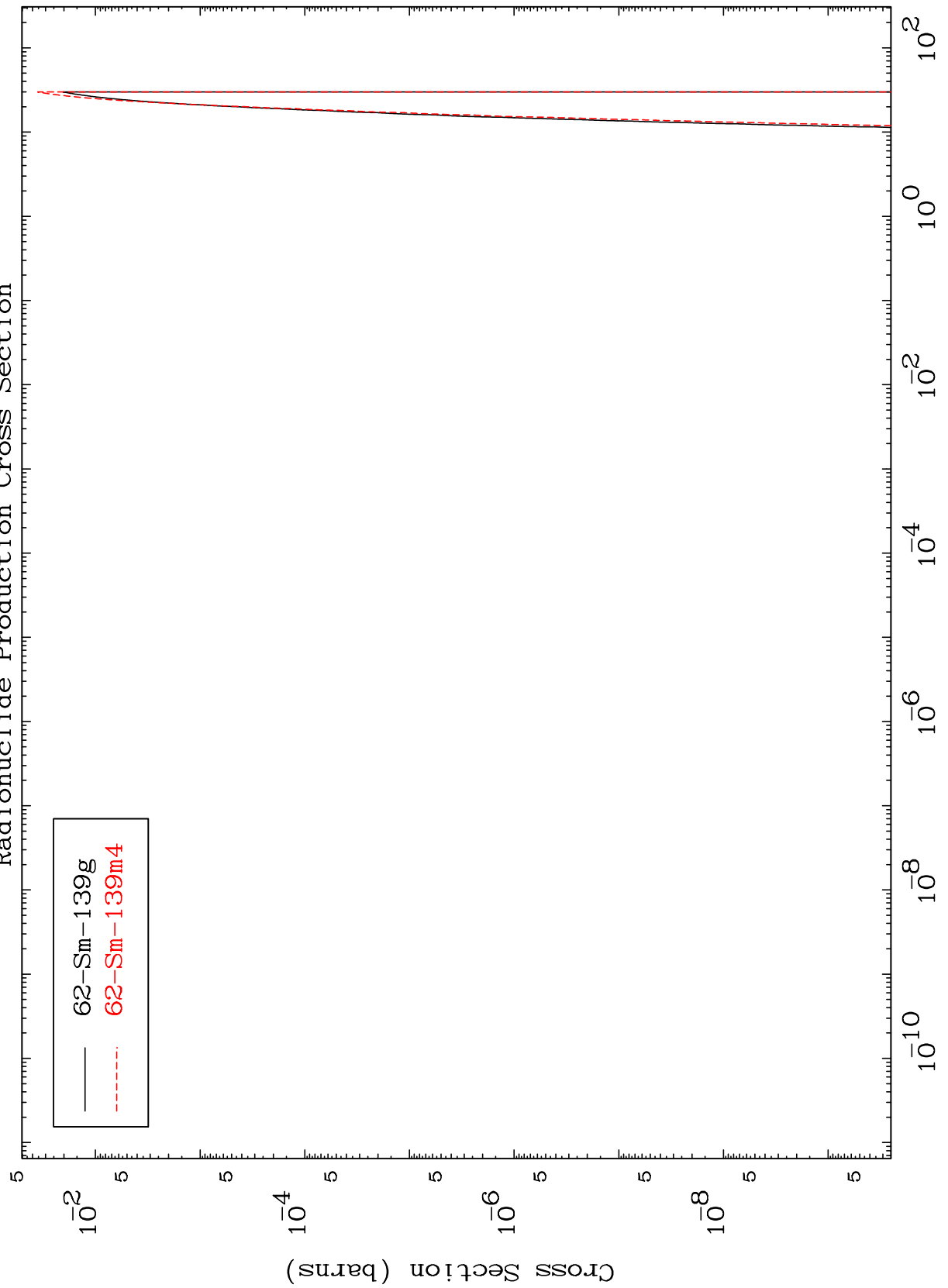
65-Tb-144

MAT 6480

(n,n') p  $\alpha$

65-Tb-144

Radionuclide Production Cross Section



90

Incident Energy (MeV)

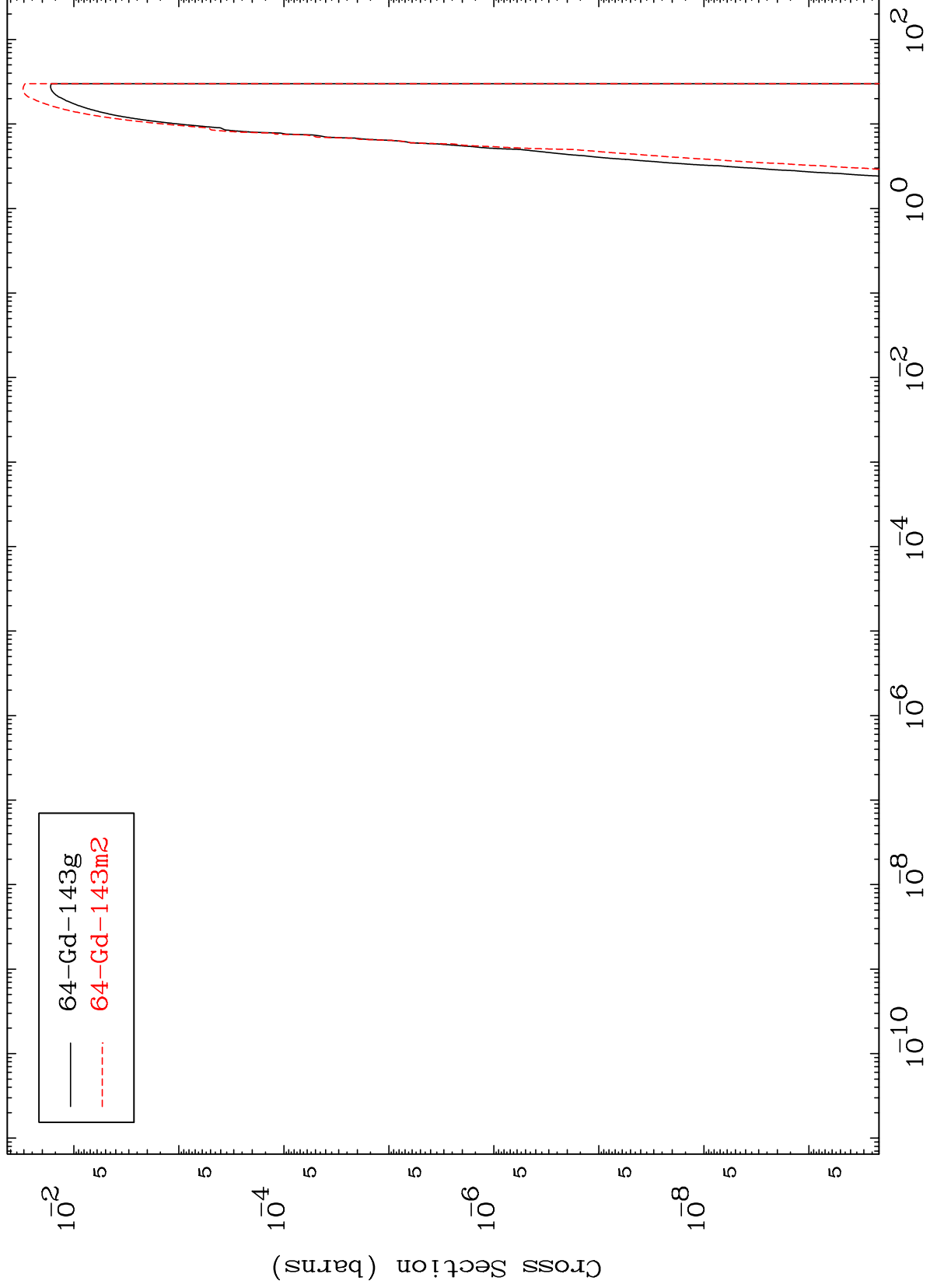
65-Tb-144

MAT 6480

(n,d)

65-Tb-144

Radionuclide Production Cross Section

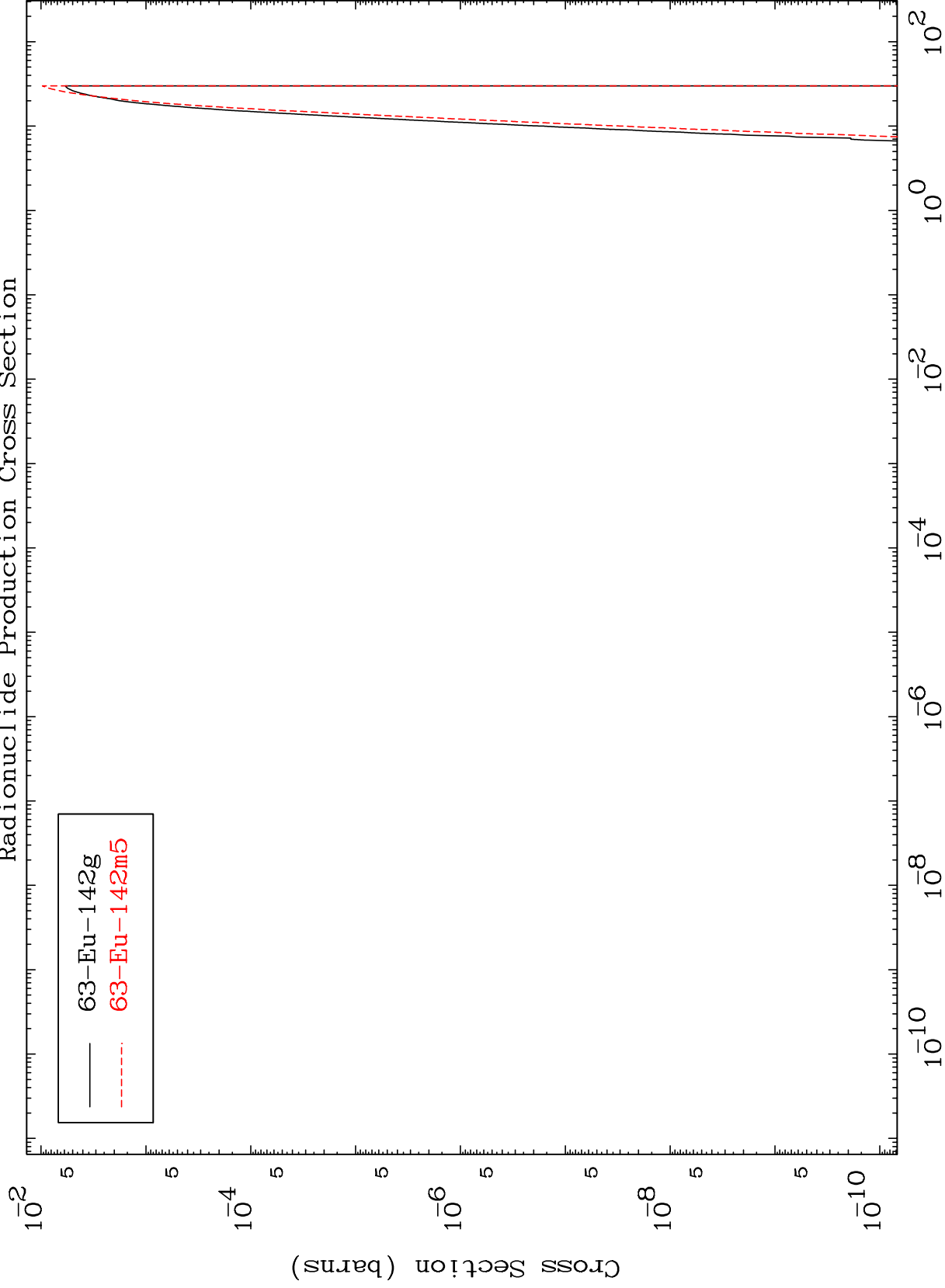


MAT 6480

(n,He-3)

65-Tb-144

Radionuclide Production Cross Section



92

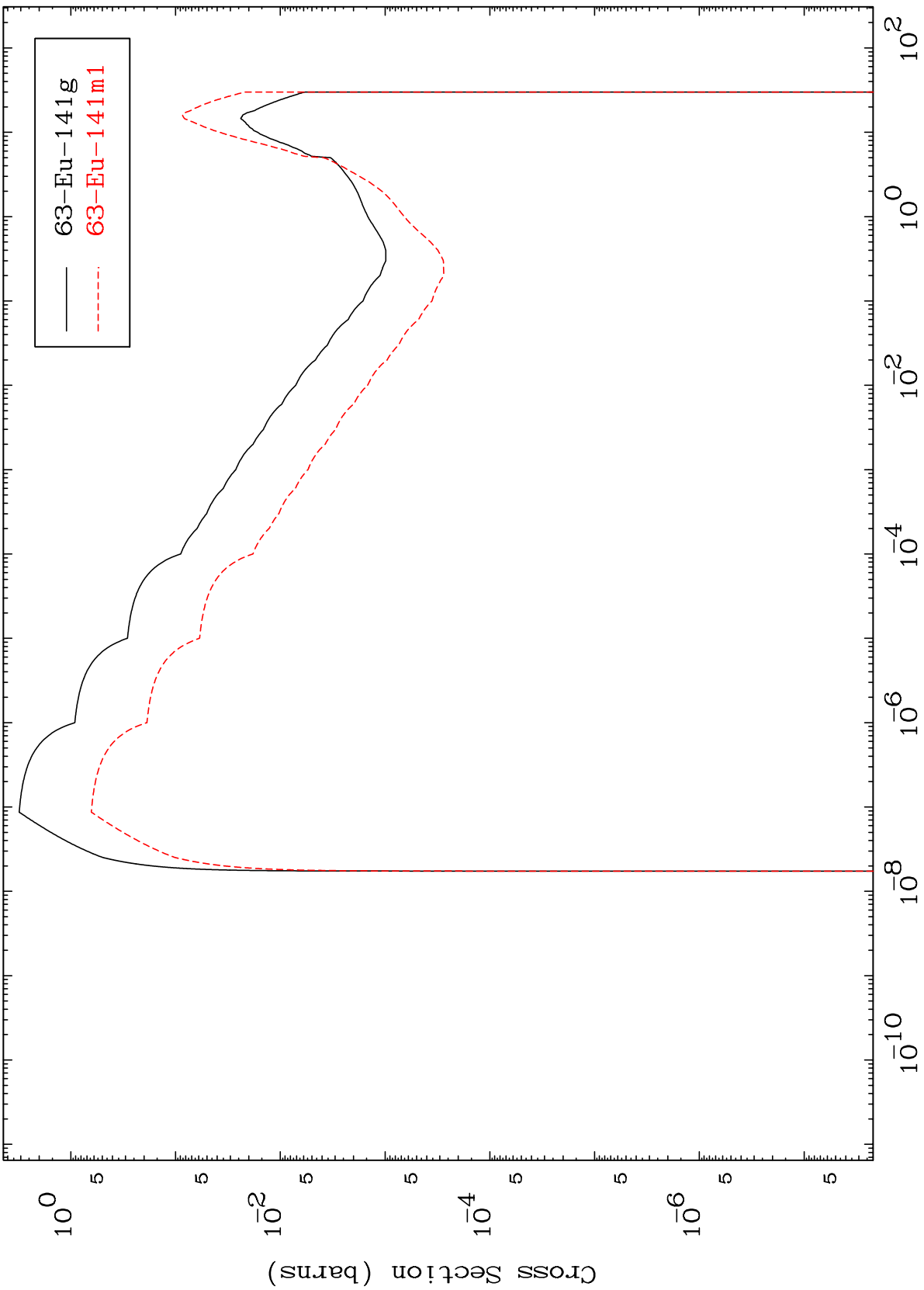
Incident Energy (MeV)

65-Tb-144

MAT 6480

65-Tb-144

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



93

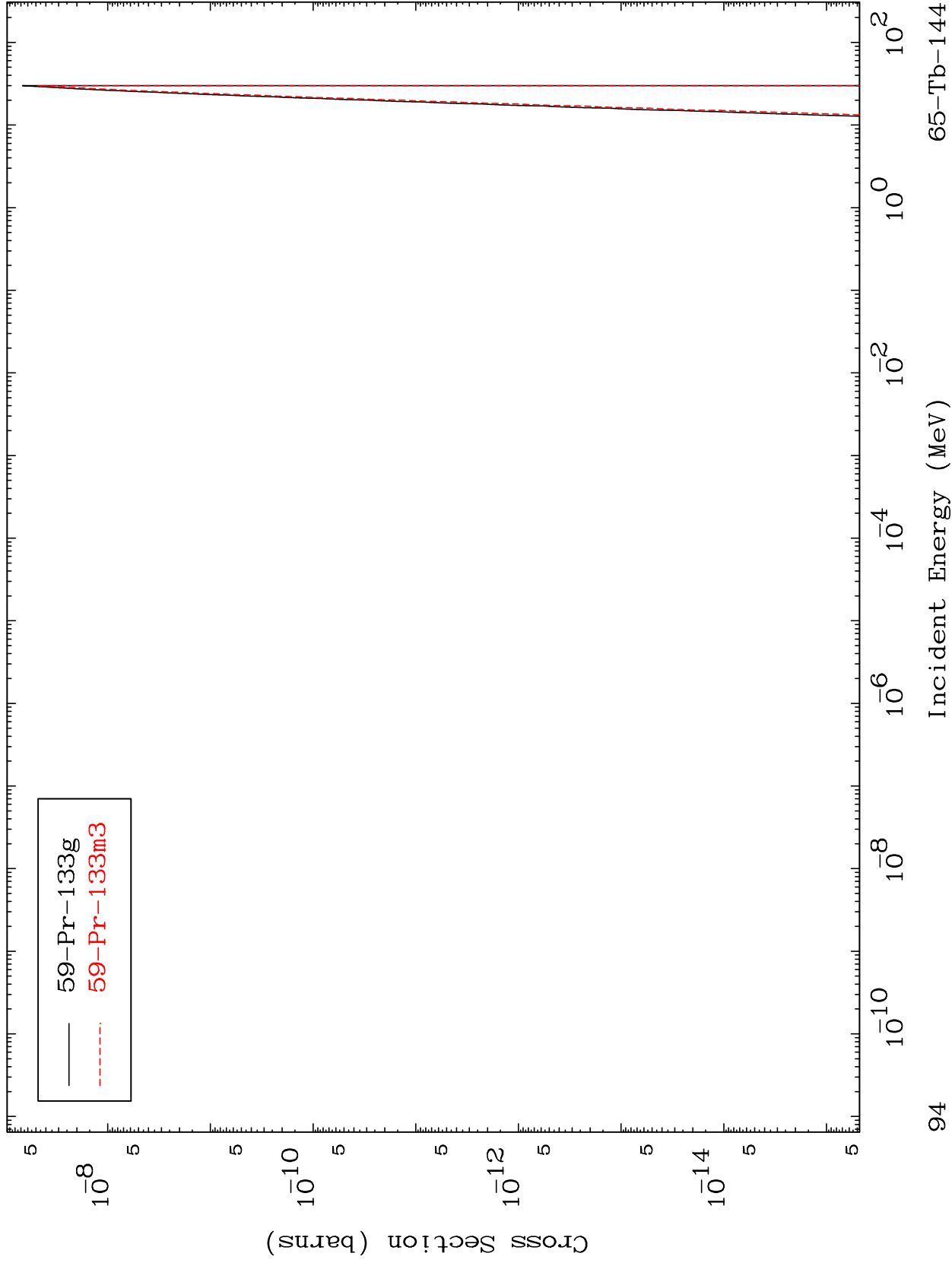
65-Tb-144

MAT 6480

(n,3 $\alpha$ )

65-Tb-144

Radionuclide Production Cross Section

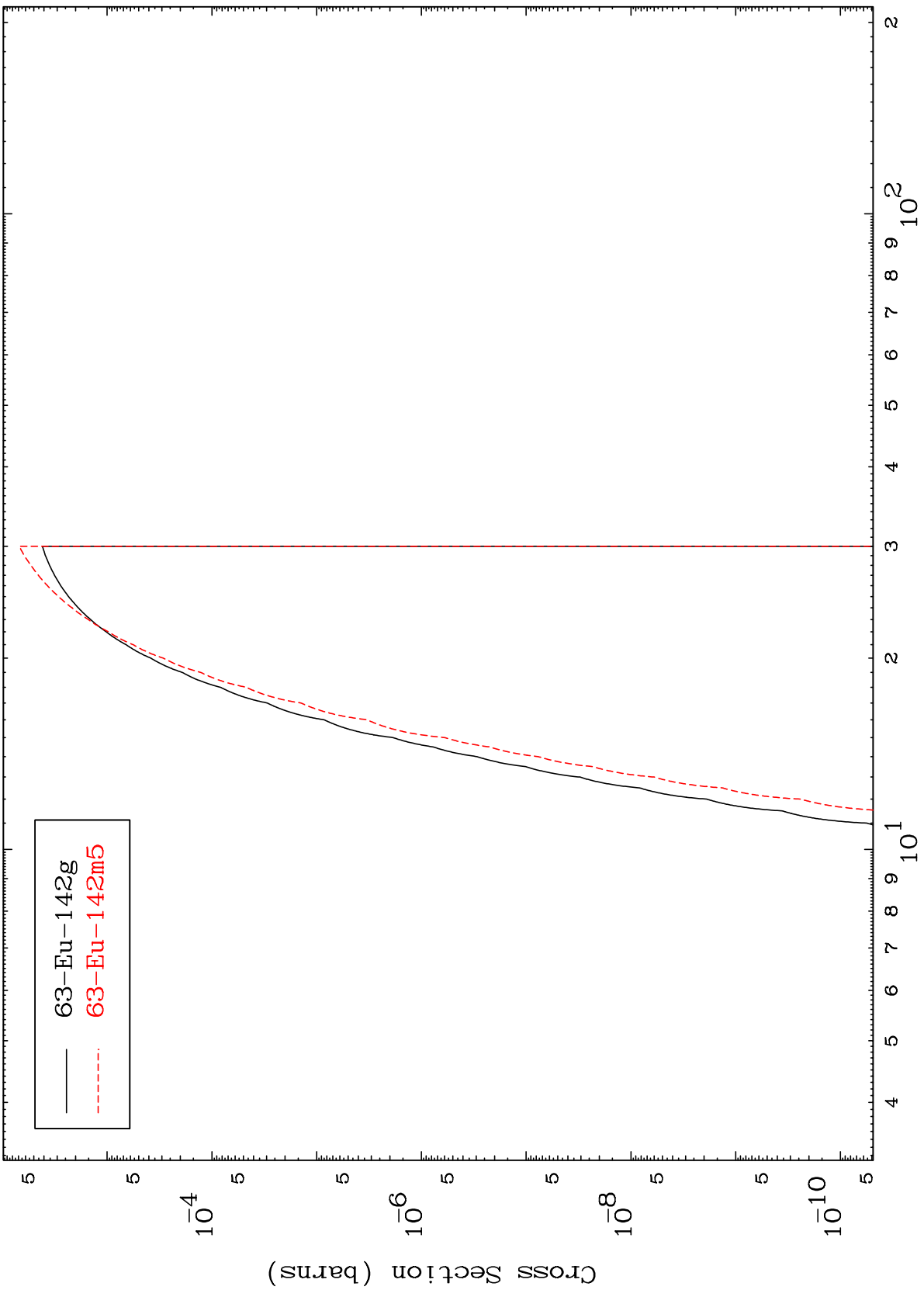


MAT 6480

(n,p) d

65-Tb-144

Radionuclide Production Cross Section



95

Incident Energy (MeV)

65-Tb-144

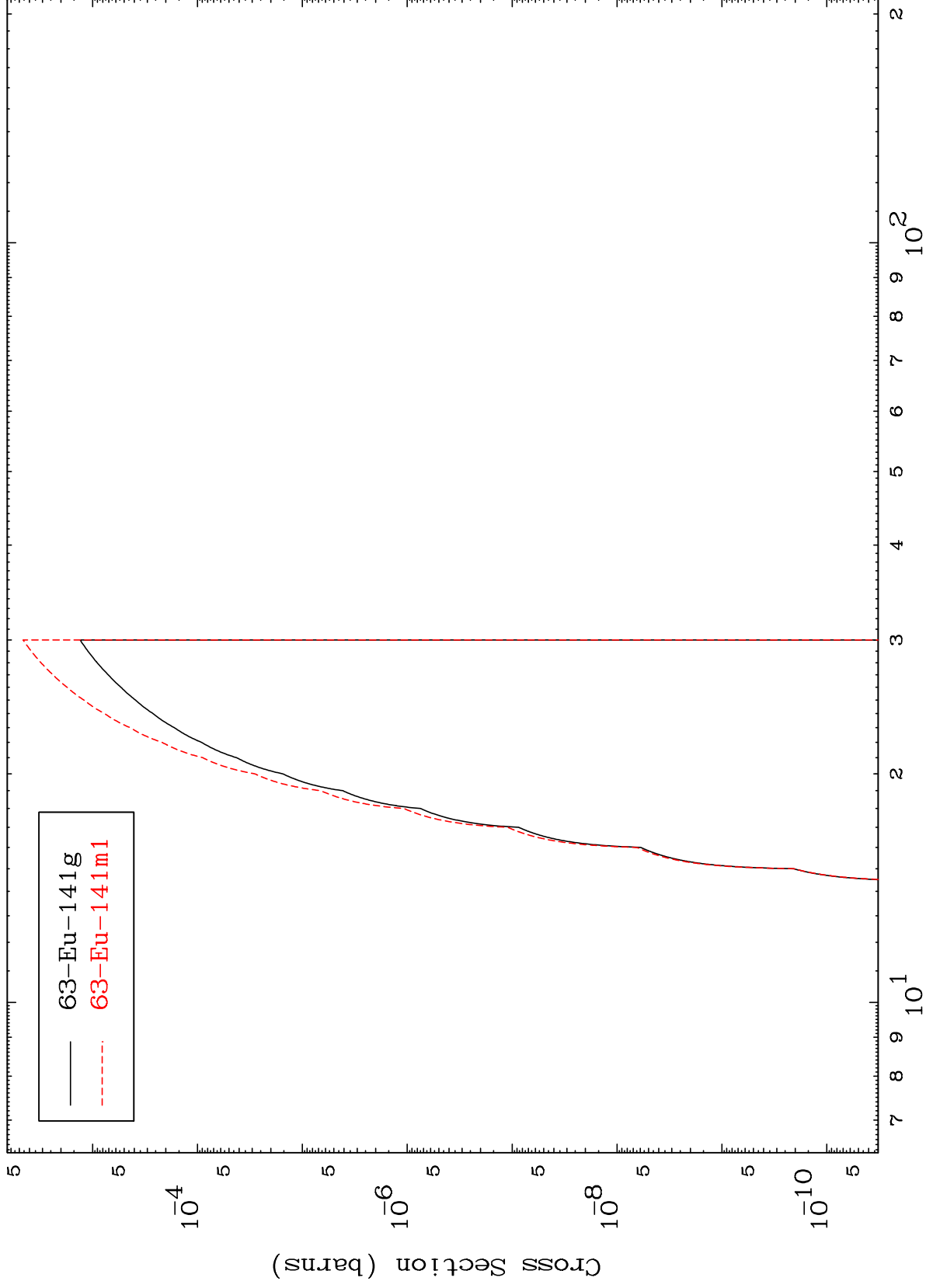


MAT 6480

(n,p) t

65-Tb-144

Radionuclide Production Cross Section



96

Incident Energy (MeV)

65-Tb-144

MAT 6480

(n,d)  $\alpha$

65-Tb-144

Radionuclide Production Cross Section

