

Program EVALPLOT
(Version 2017-1)

by

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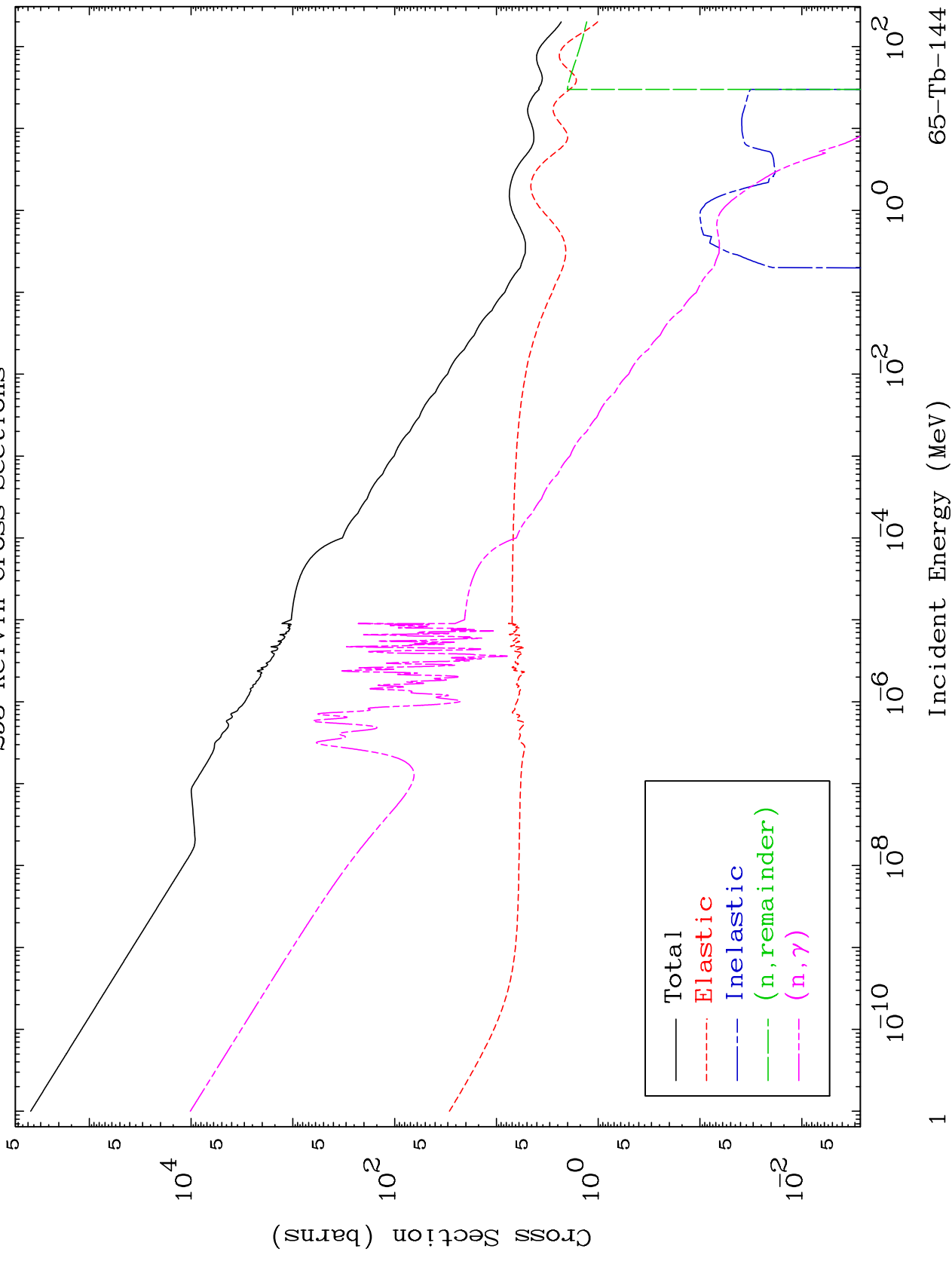
Press Mouse Button to Start

MAT 6480

Major

293 Kelvin Cross Sections

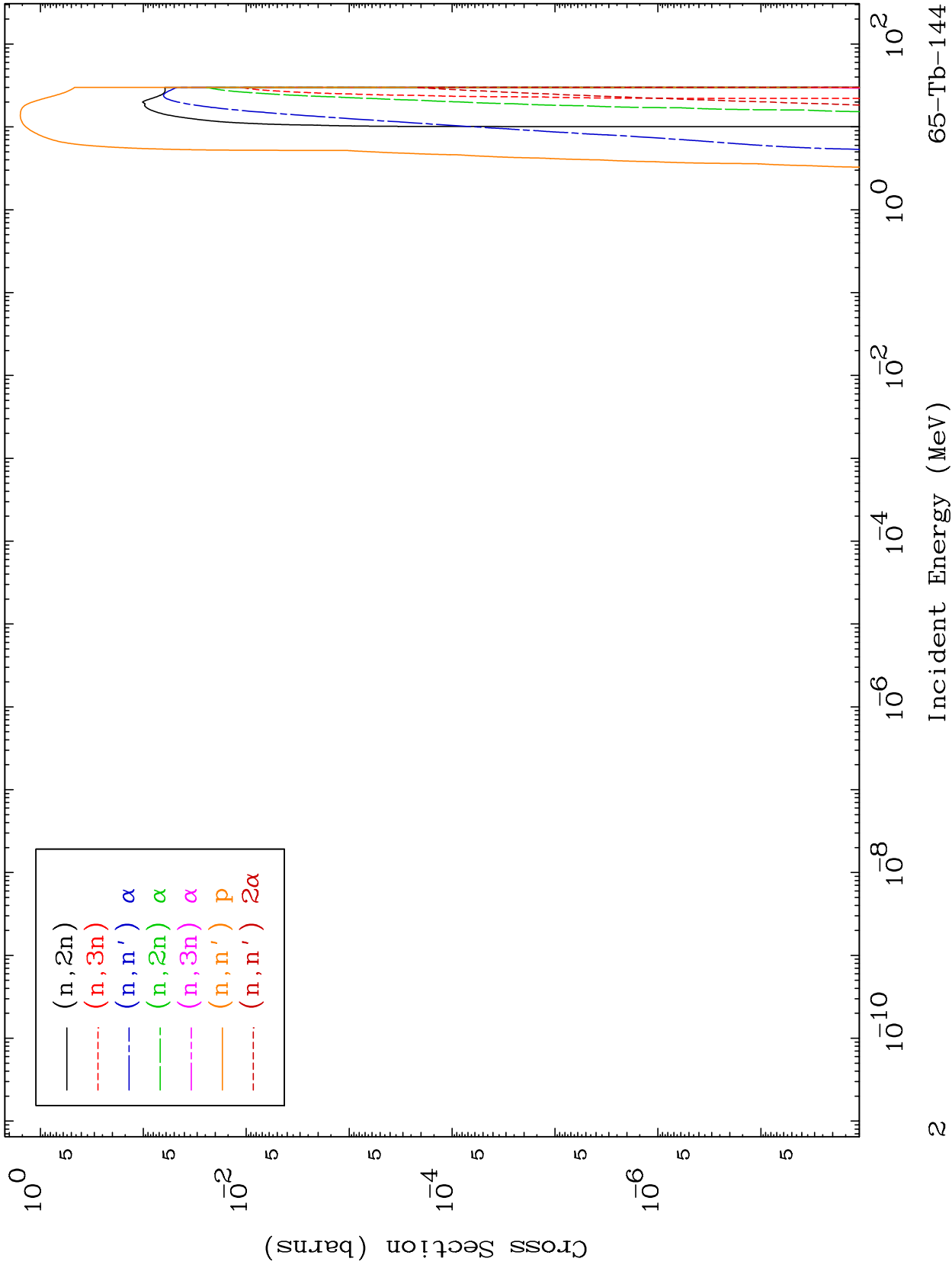
65-Tb-144

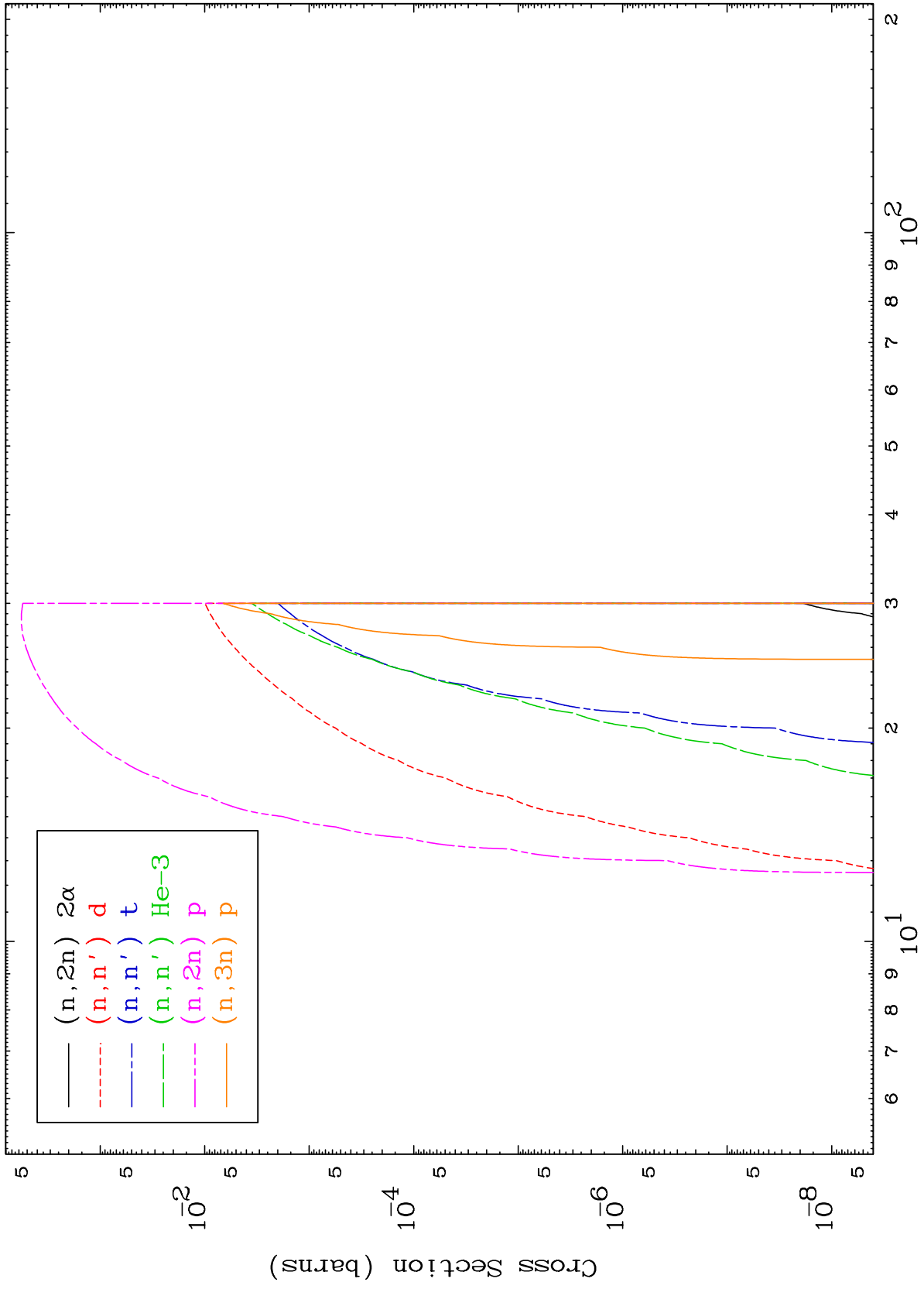


MAT 6480

Neutron Production
293 Kelvin Cross Sections

65-Tb-144

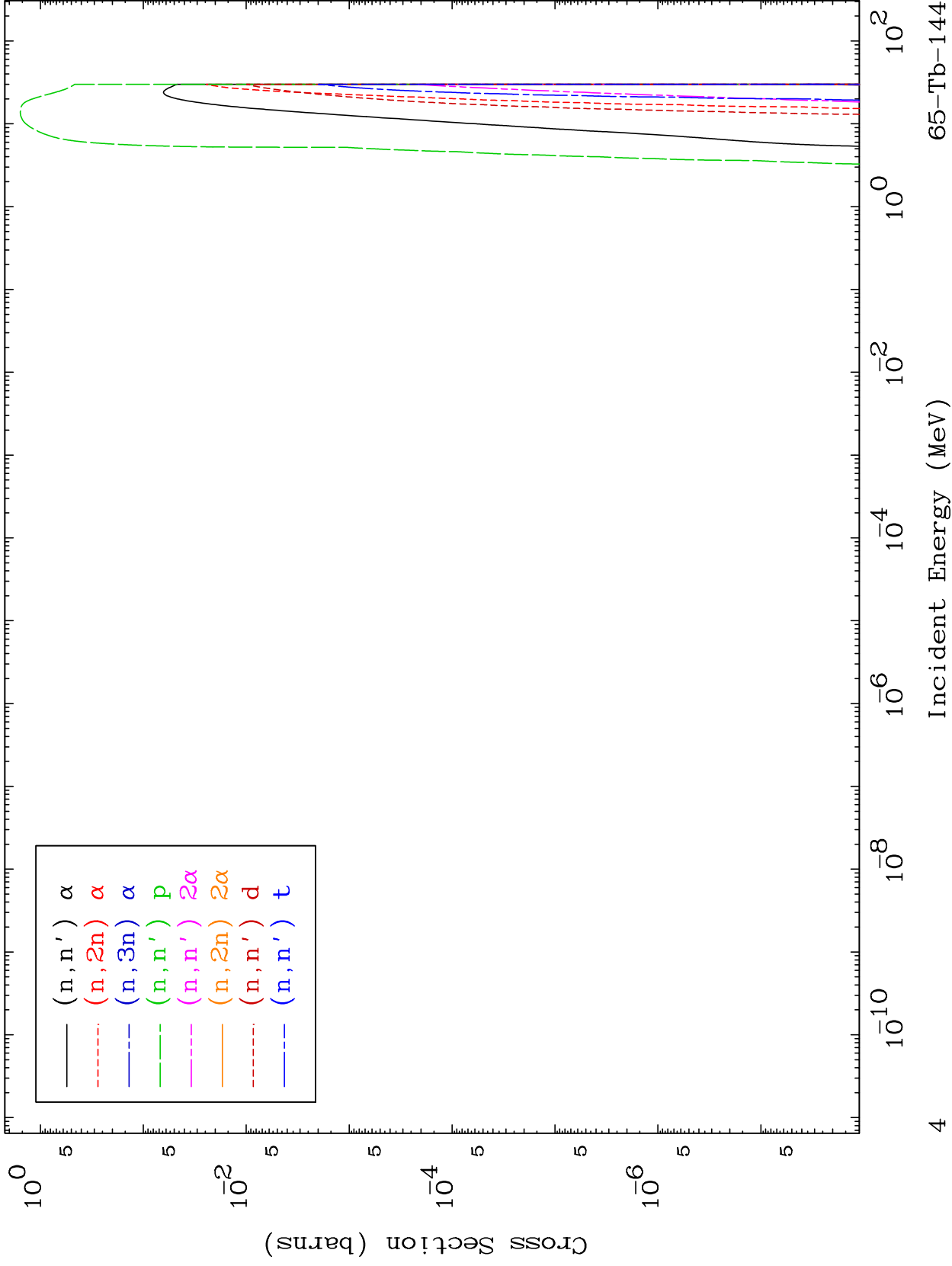




MAT 6480

Charged Particle
293 Kelvin Cross Sections

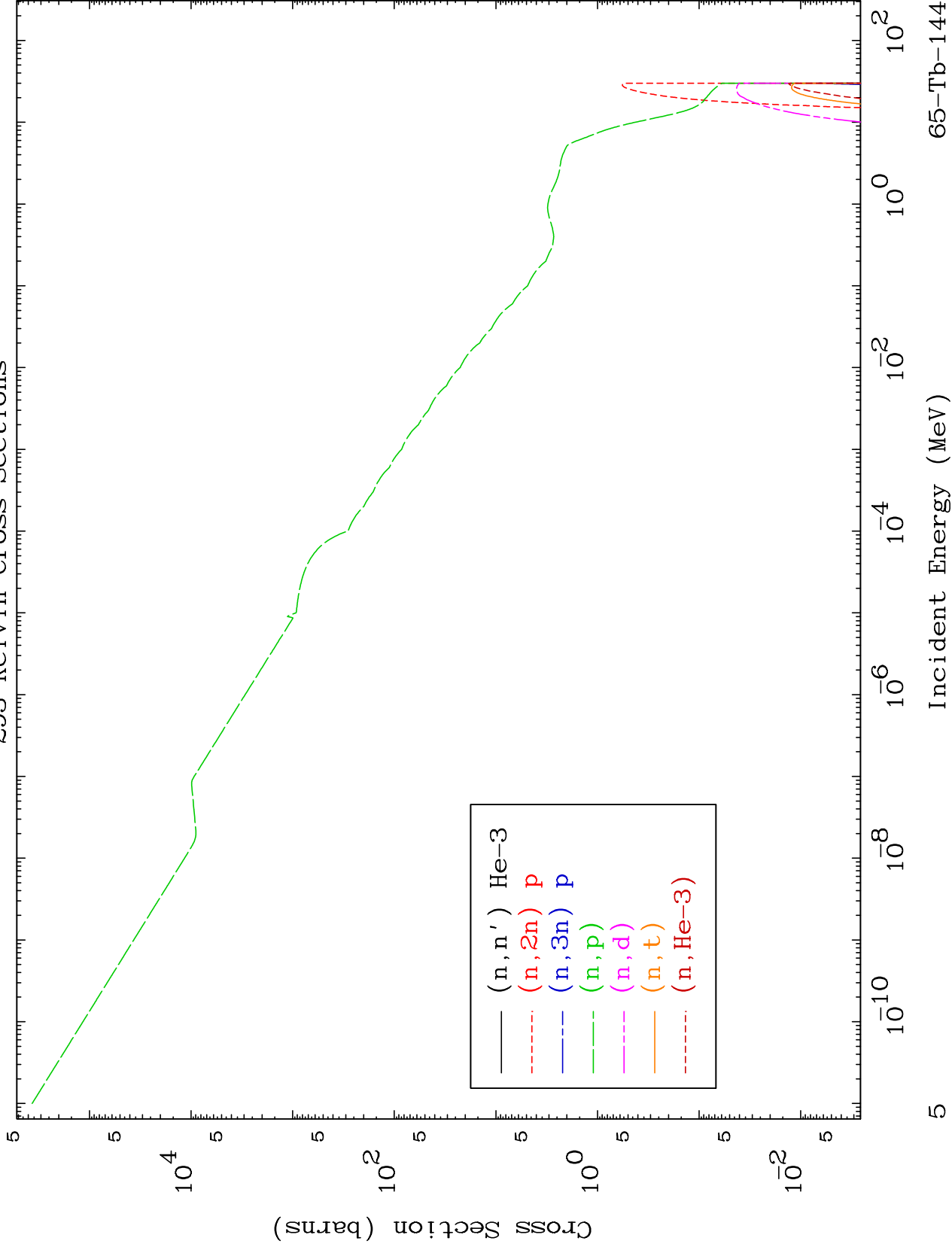
65-Tb-144



MAT 6480

Charged Particle
293 Kelvin Cross Sections

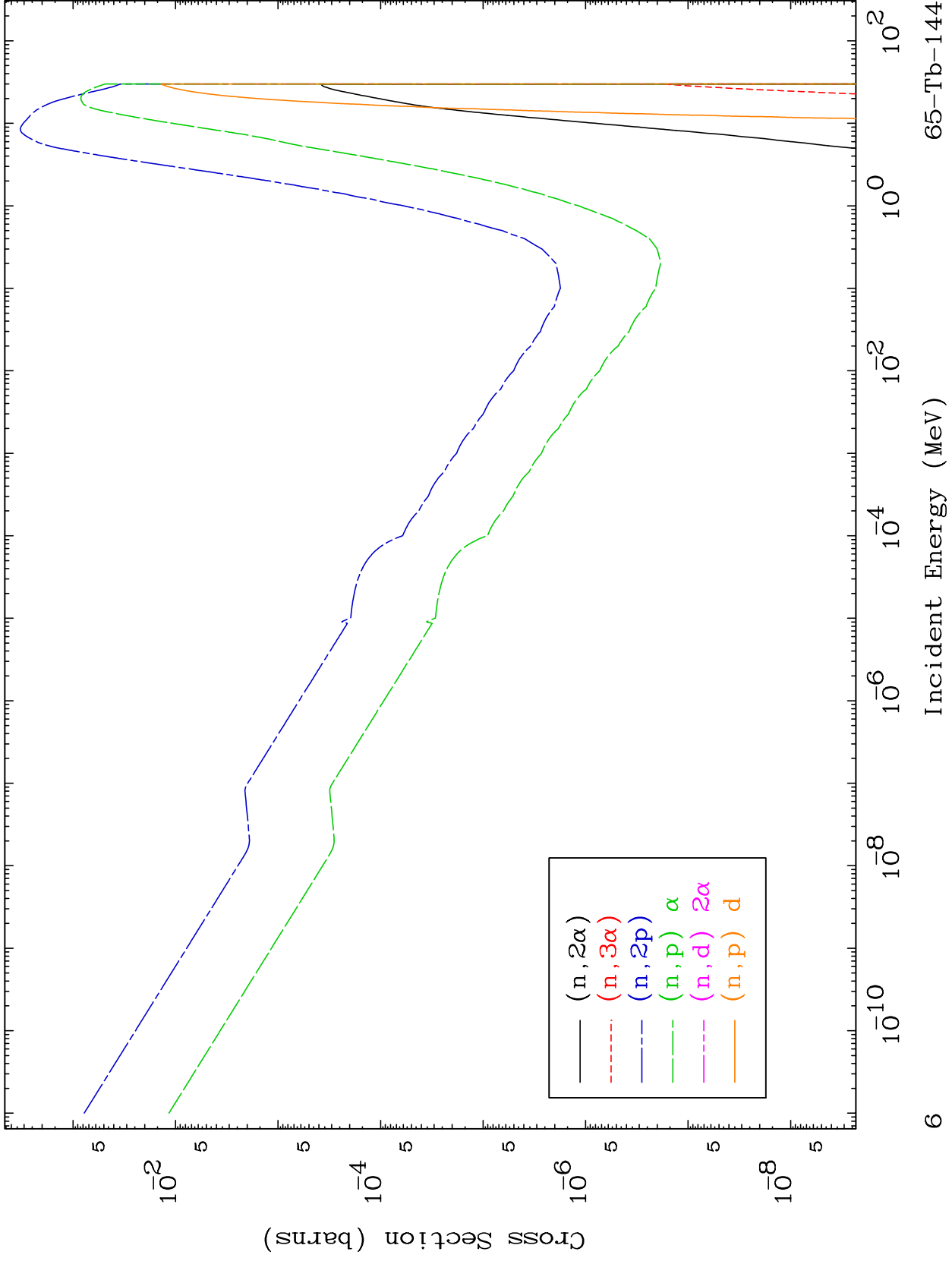
65-Tb-144



MAT 6480

Charged Particle
293 Kelvin Cross Sections

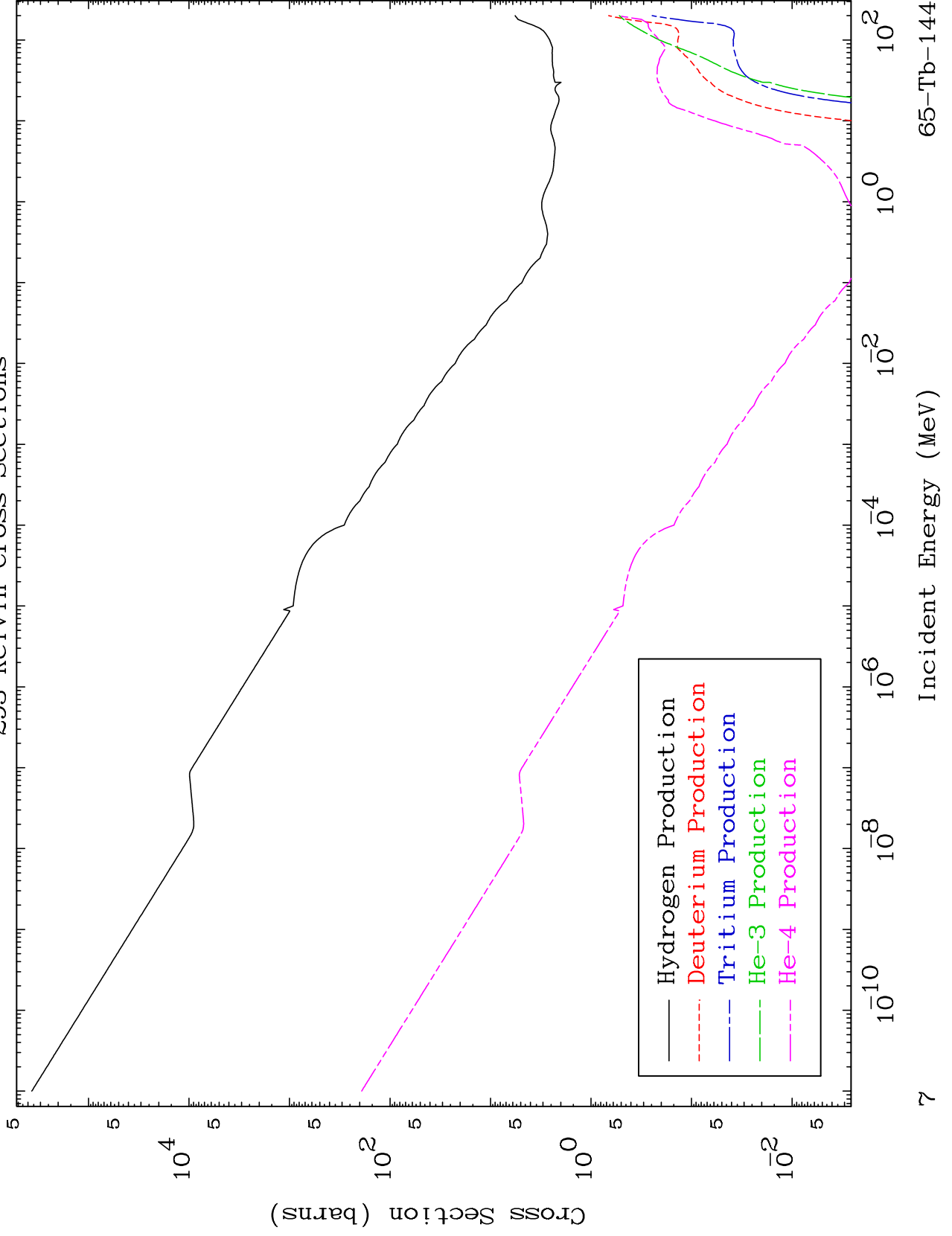
65-Tb-144



MAT 6480

Particle Production
293 Kelvin Cross Sections

65-Tb-144

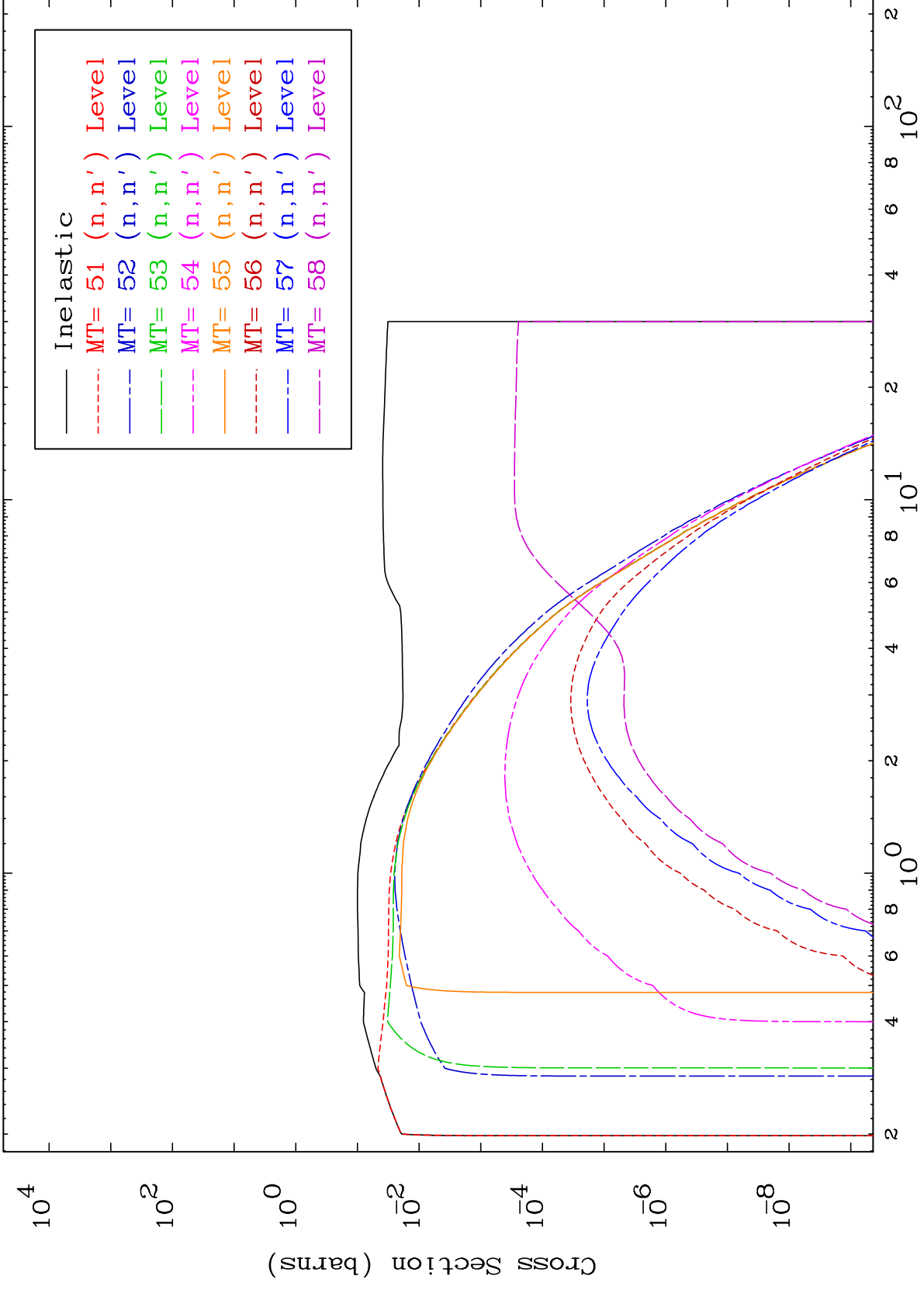


MAT 6480

(n,n') Level

65-Tb-144

293 Kelvin Cross Sections



8

Incident Energy (MeV)

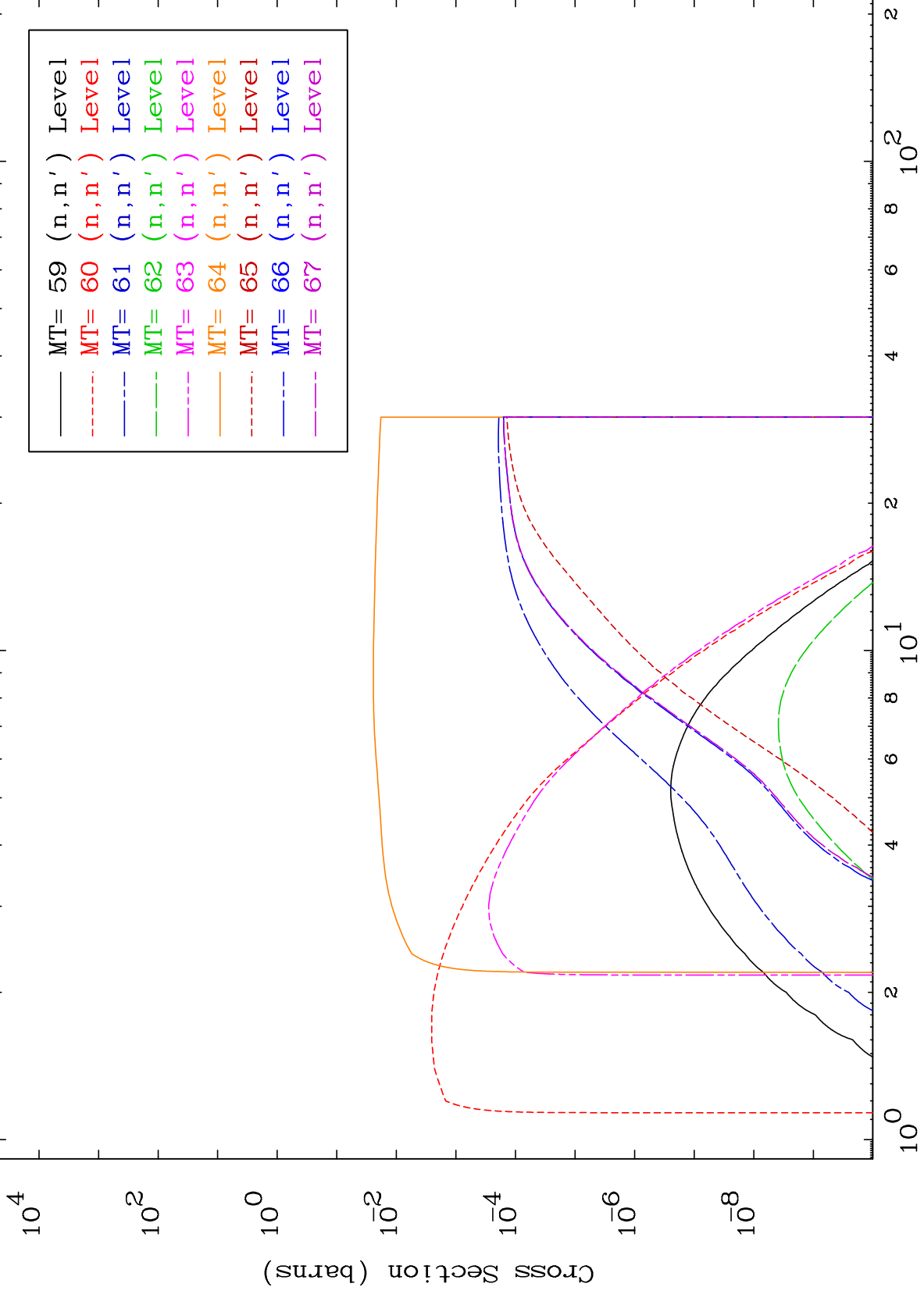
65-Tb-144

MAT 6480

(n,n') Level

293 Kelvin Cross Sections

65-Tb-144



Incident Energy (MeV)

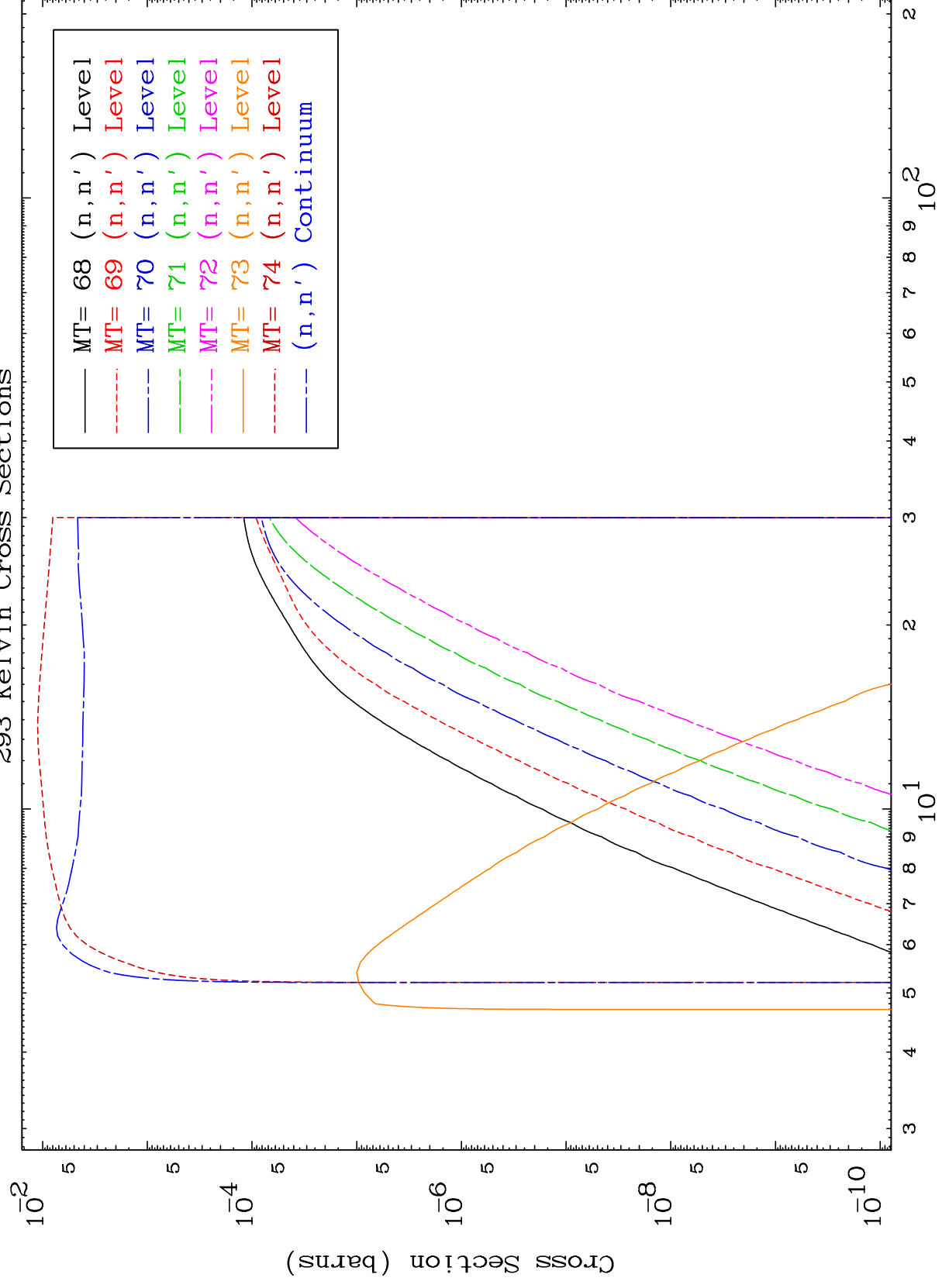
65-Tb-144

MAT 6480

(n,n') Level

65-Tb-144

293 Kelvin Cross Sections



10

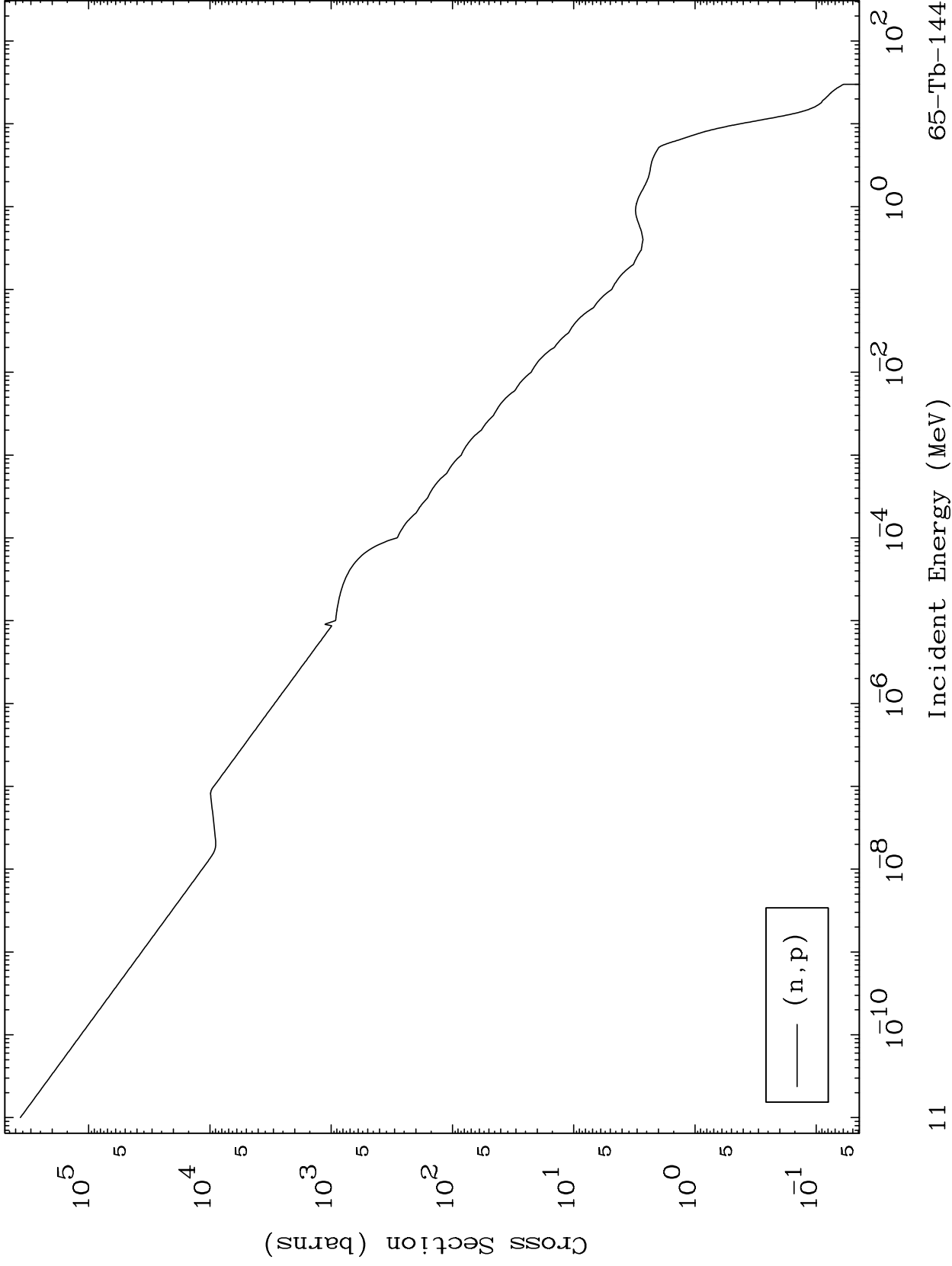
Incident Energy (MeV)

65-Tb-144

MAT 6480

(n,p) Levels
293 Kelvin Cross Sections

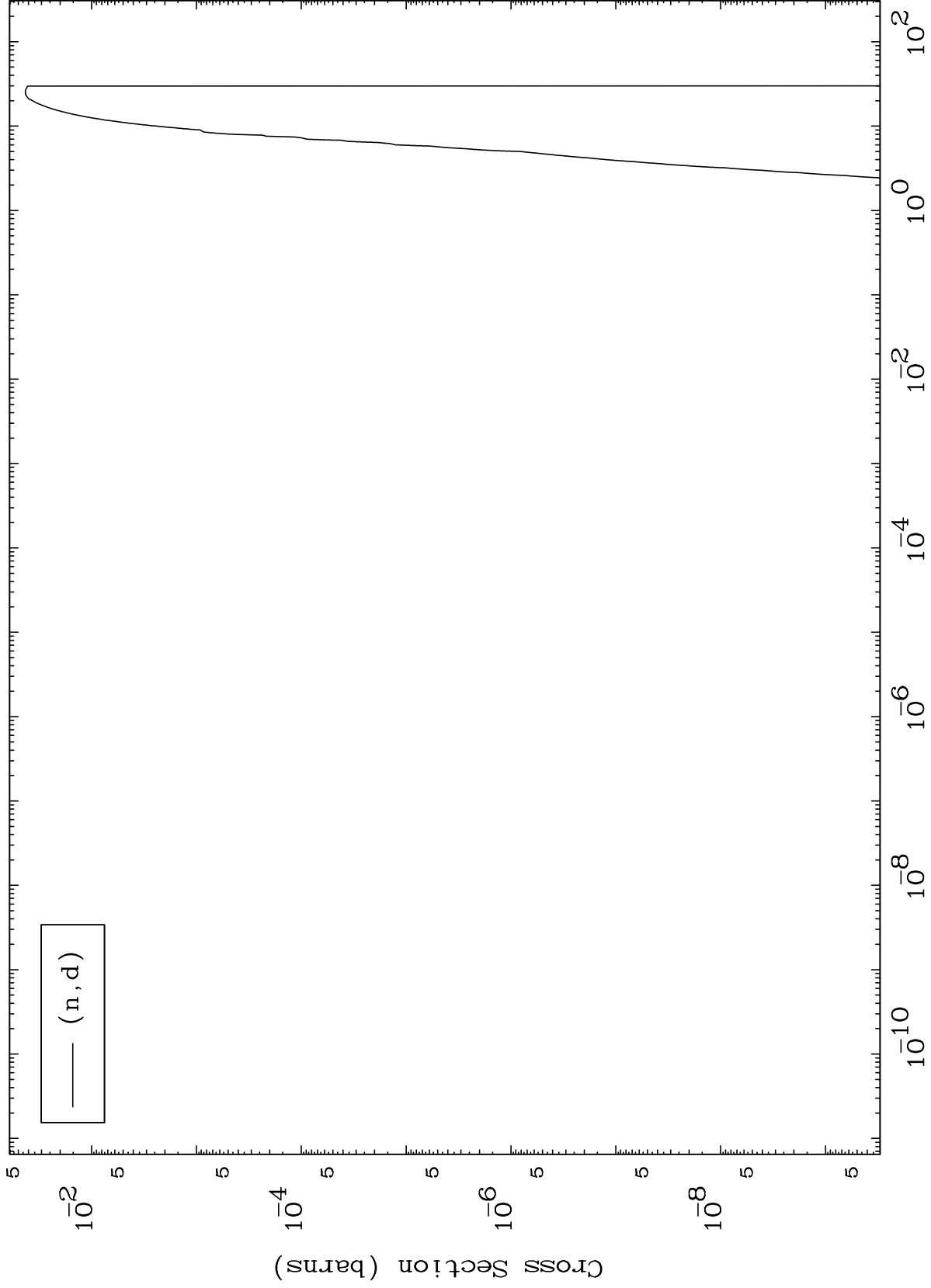
65-Tb-144



MAT 6480

(n,d) Levels
293 Kelvin Cross Sections

65-Tb-144



12

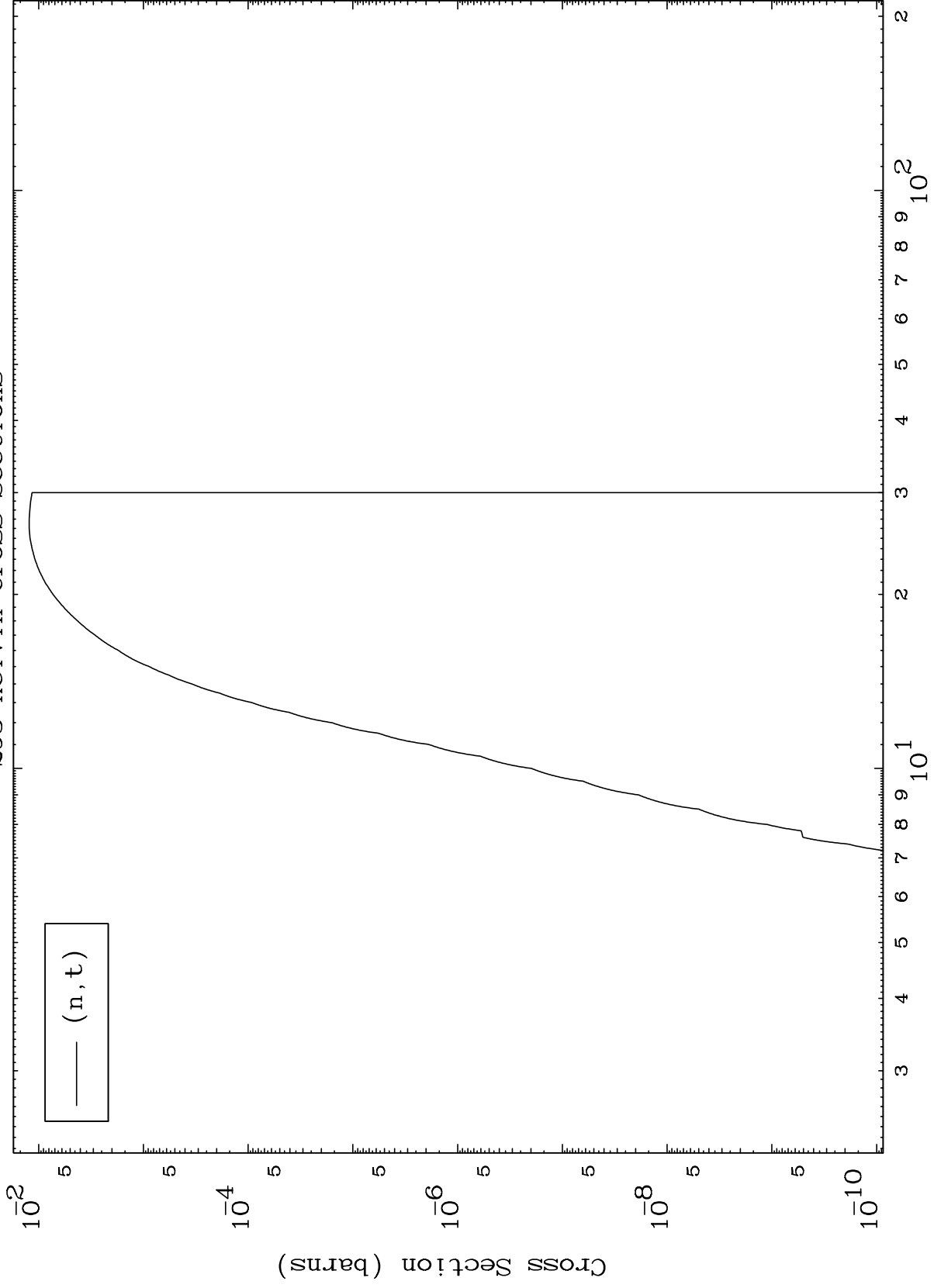
Incident Energy (MeV)

65-Tb-144

MAT 6480

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-144



13

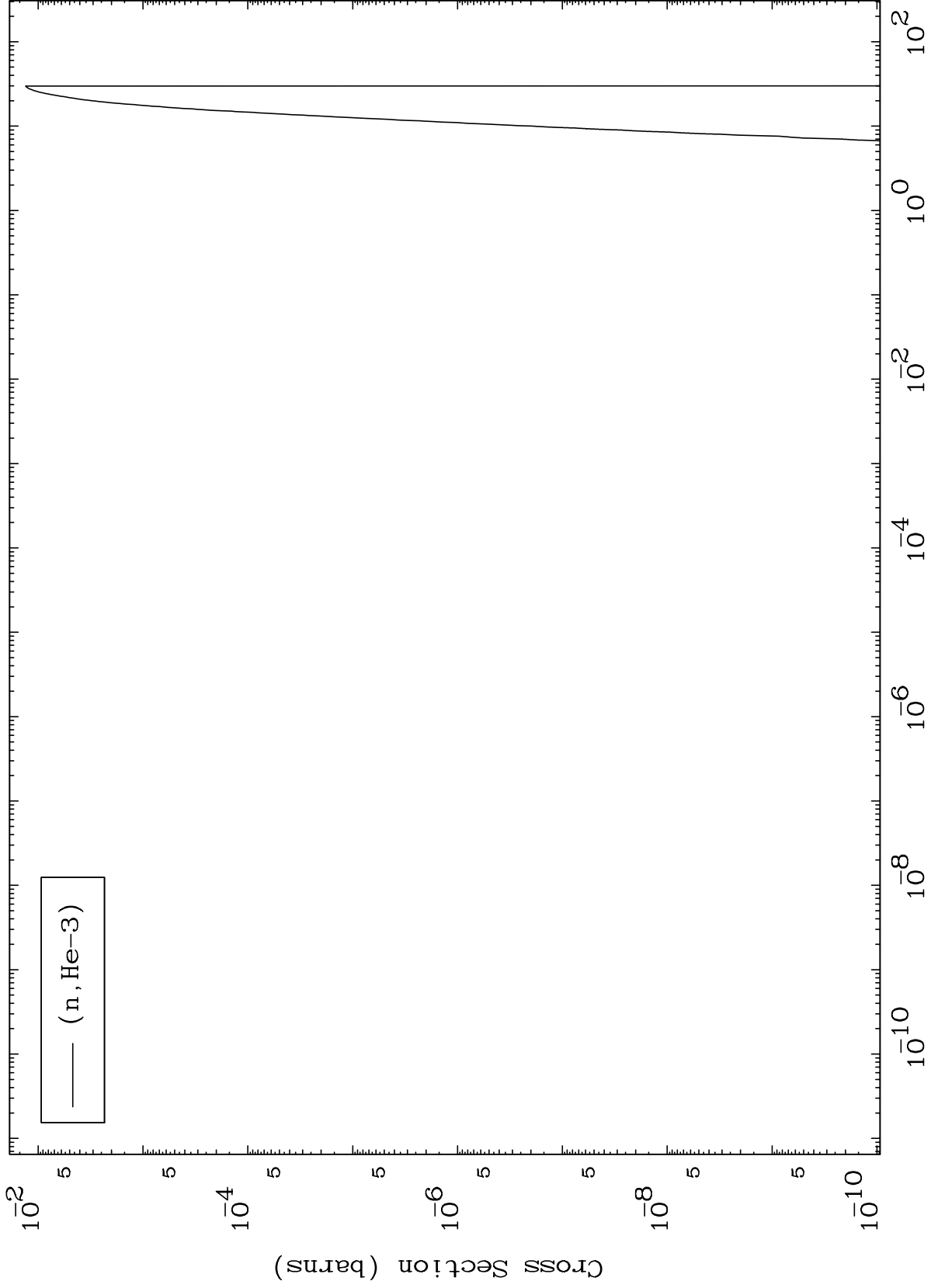
Incident Energy (MeV)

65-Tb-144

MAT 6480

(n,He3) Levels
293 Kelvin Cross Sections

65-Tb-144

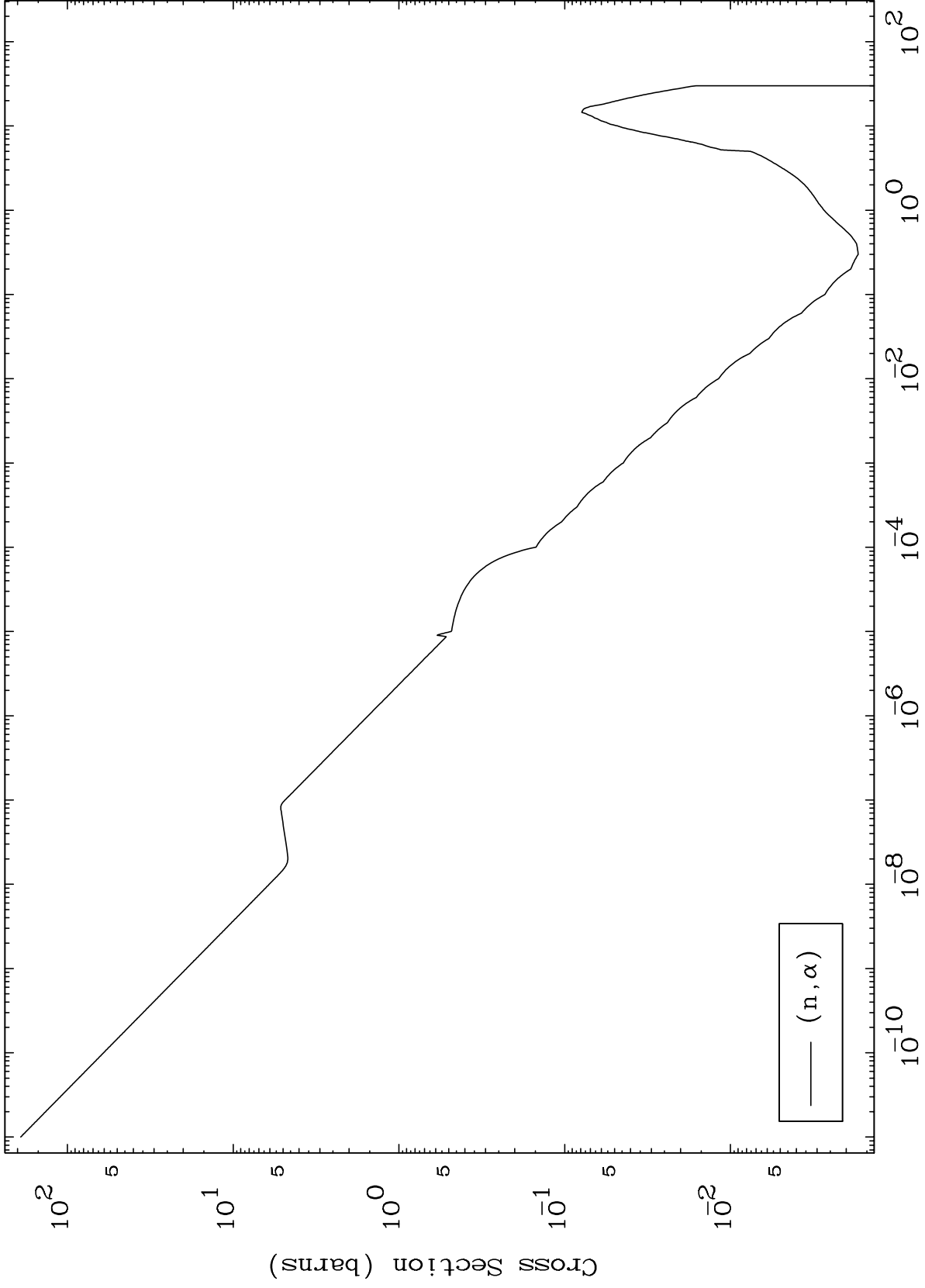


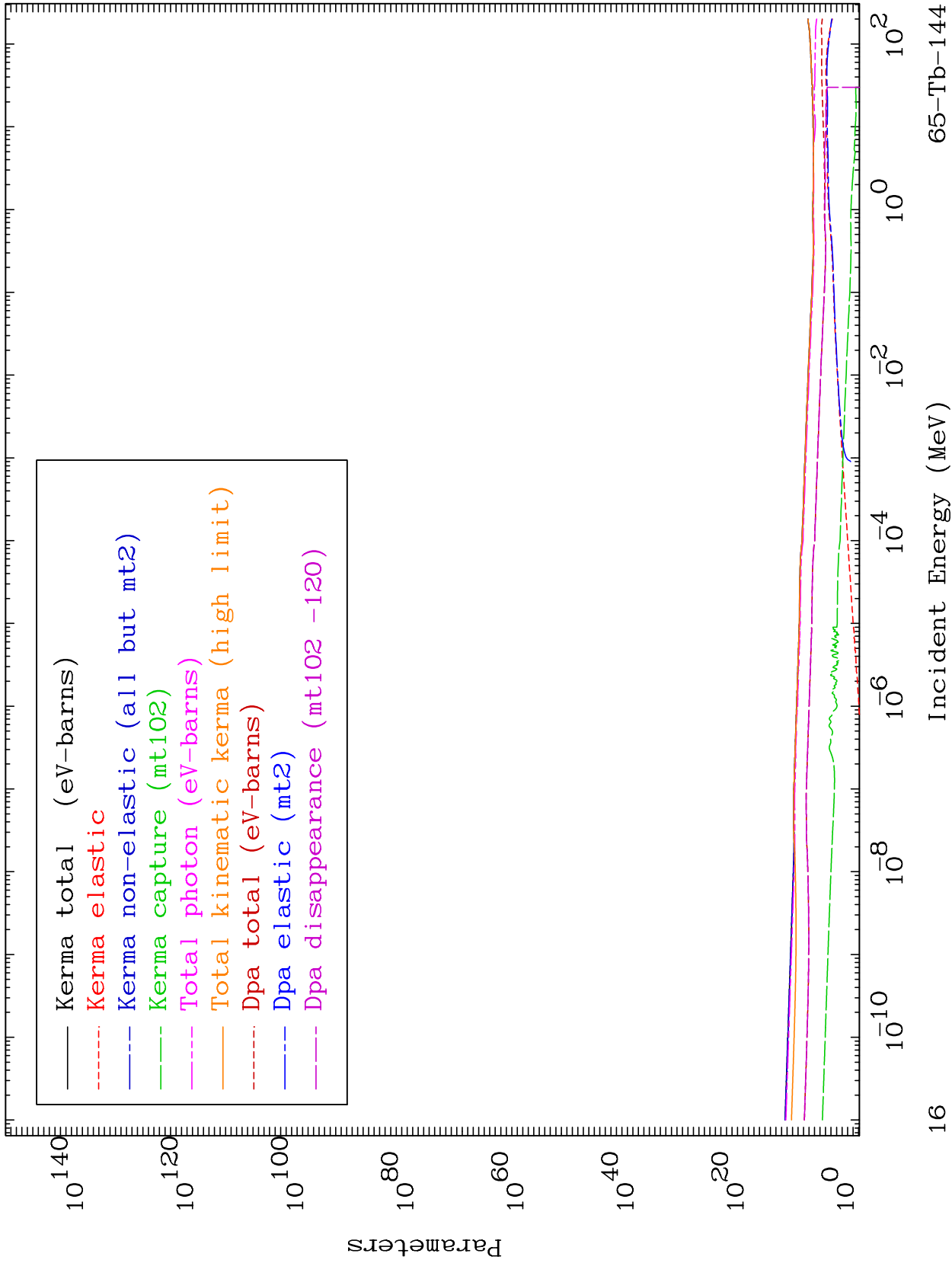
(n, He-3)

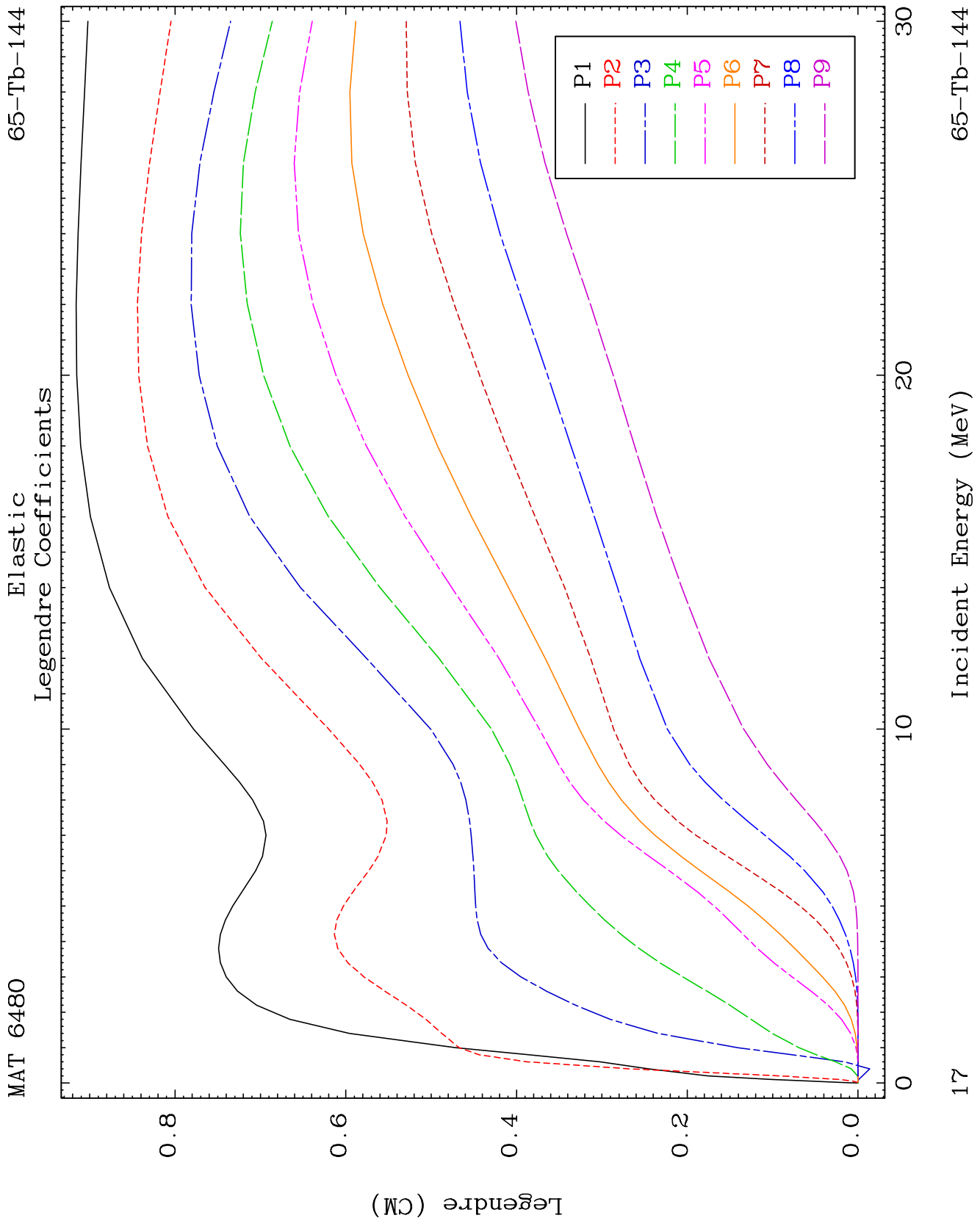
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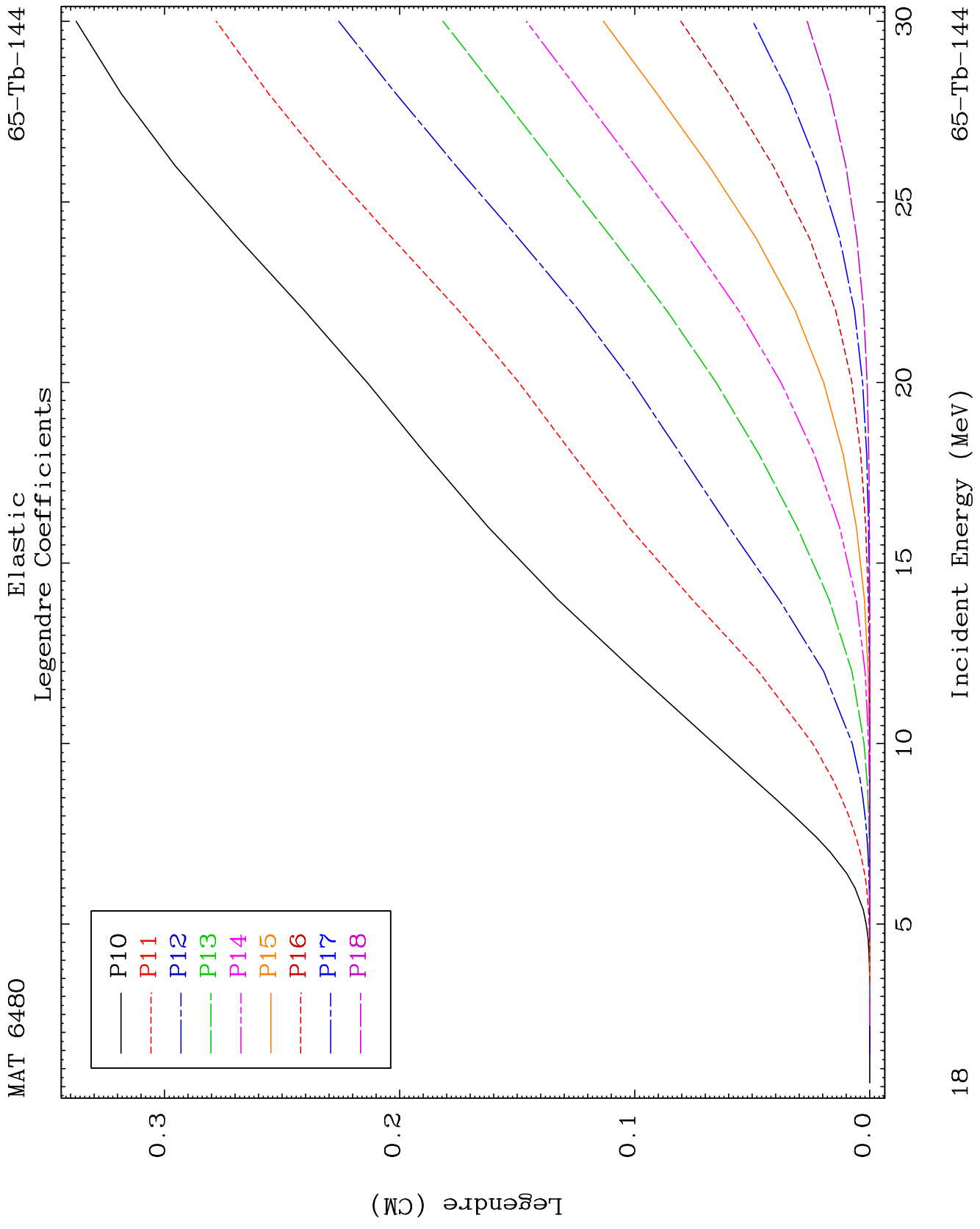
(n, α) Levels
293 Kelvin Cross Sections

65-Tb-144





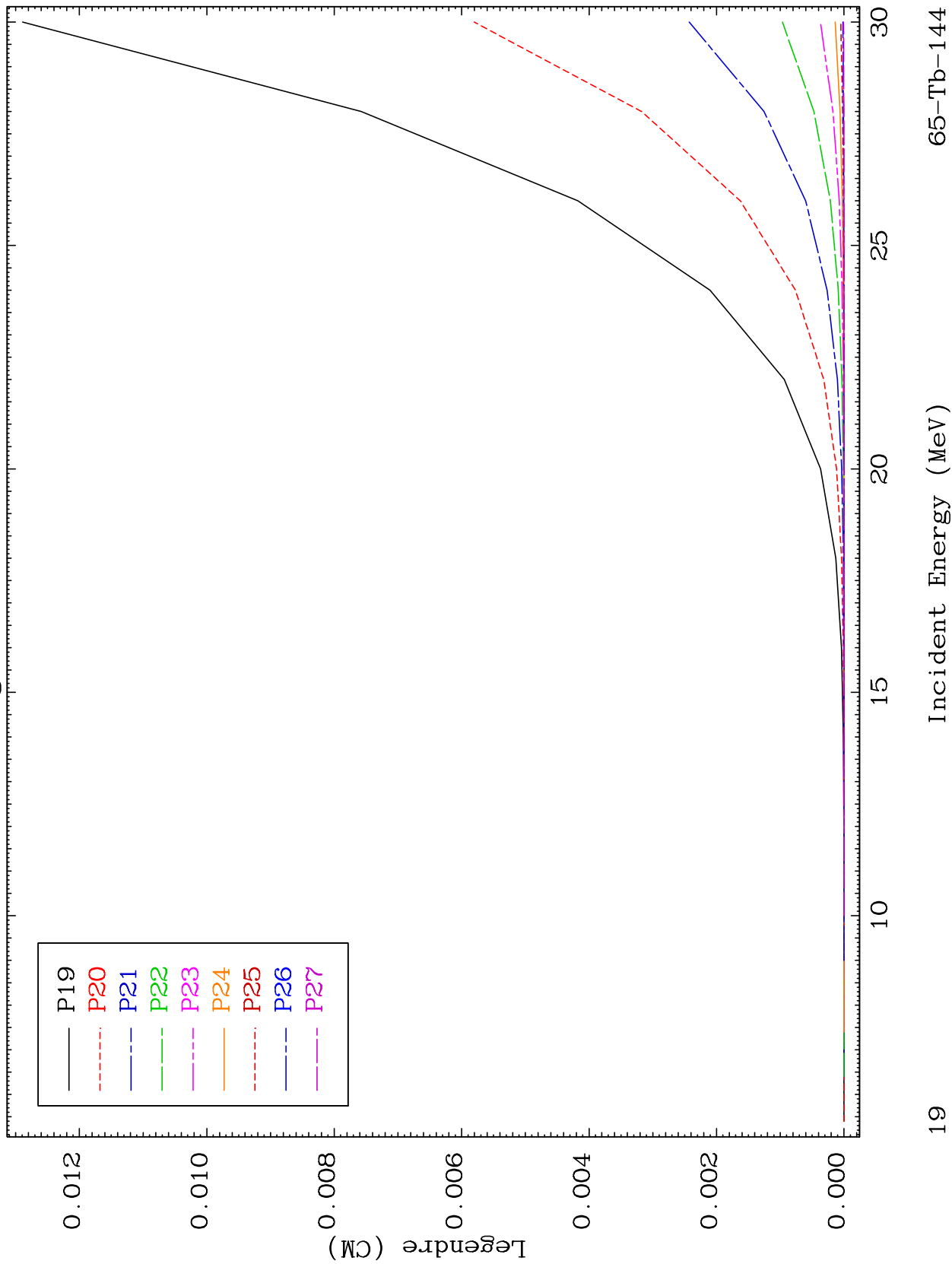




MAT 6480

Elastic Legendre Coefficients

65-Tb-144



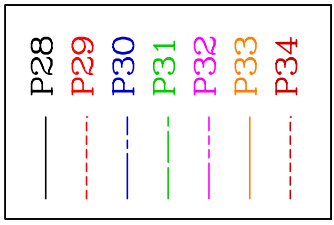
19

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

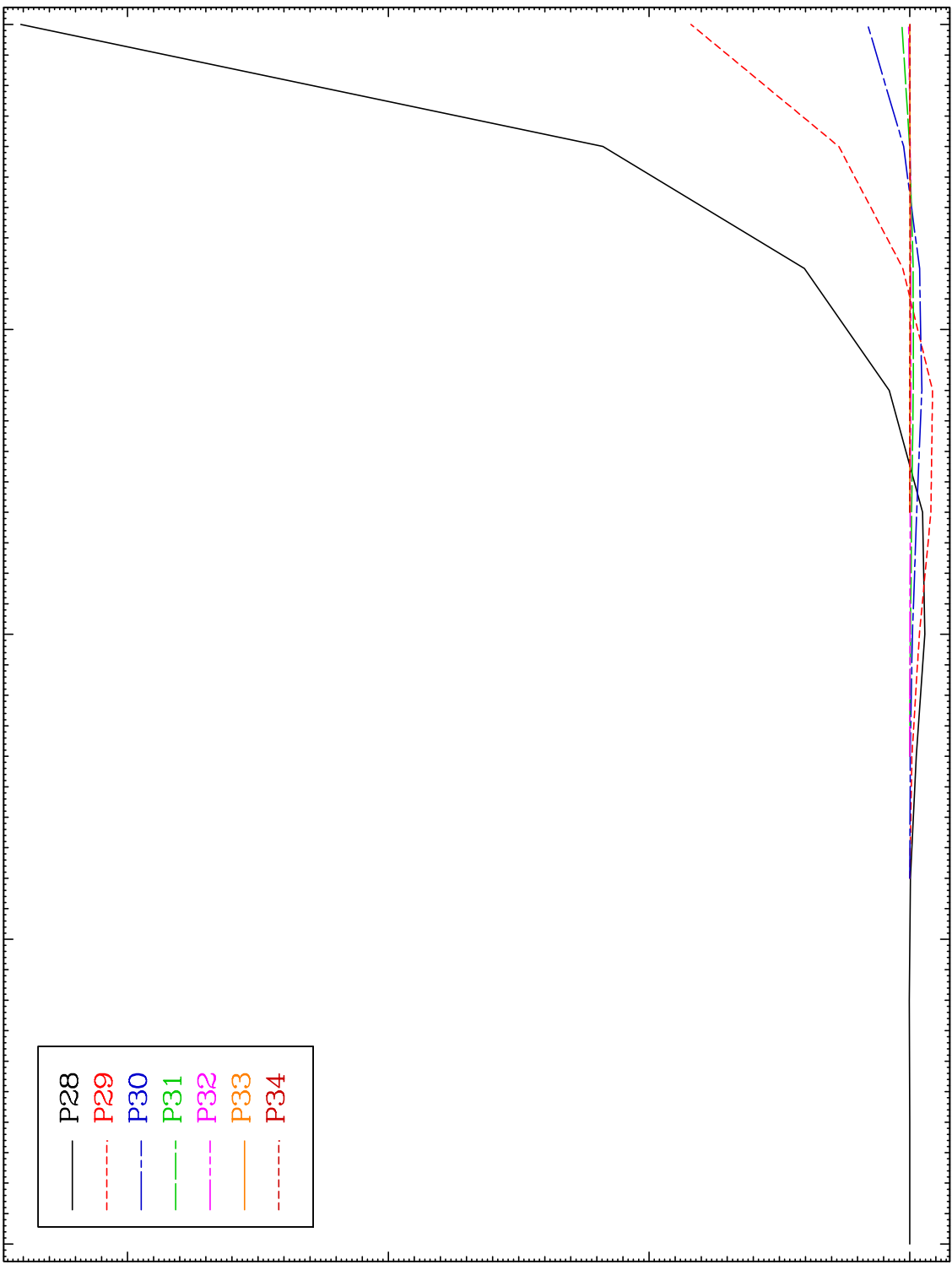
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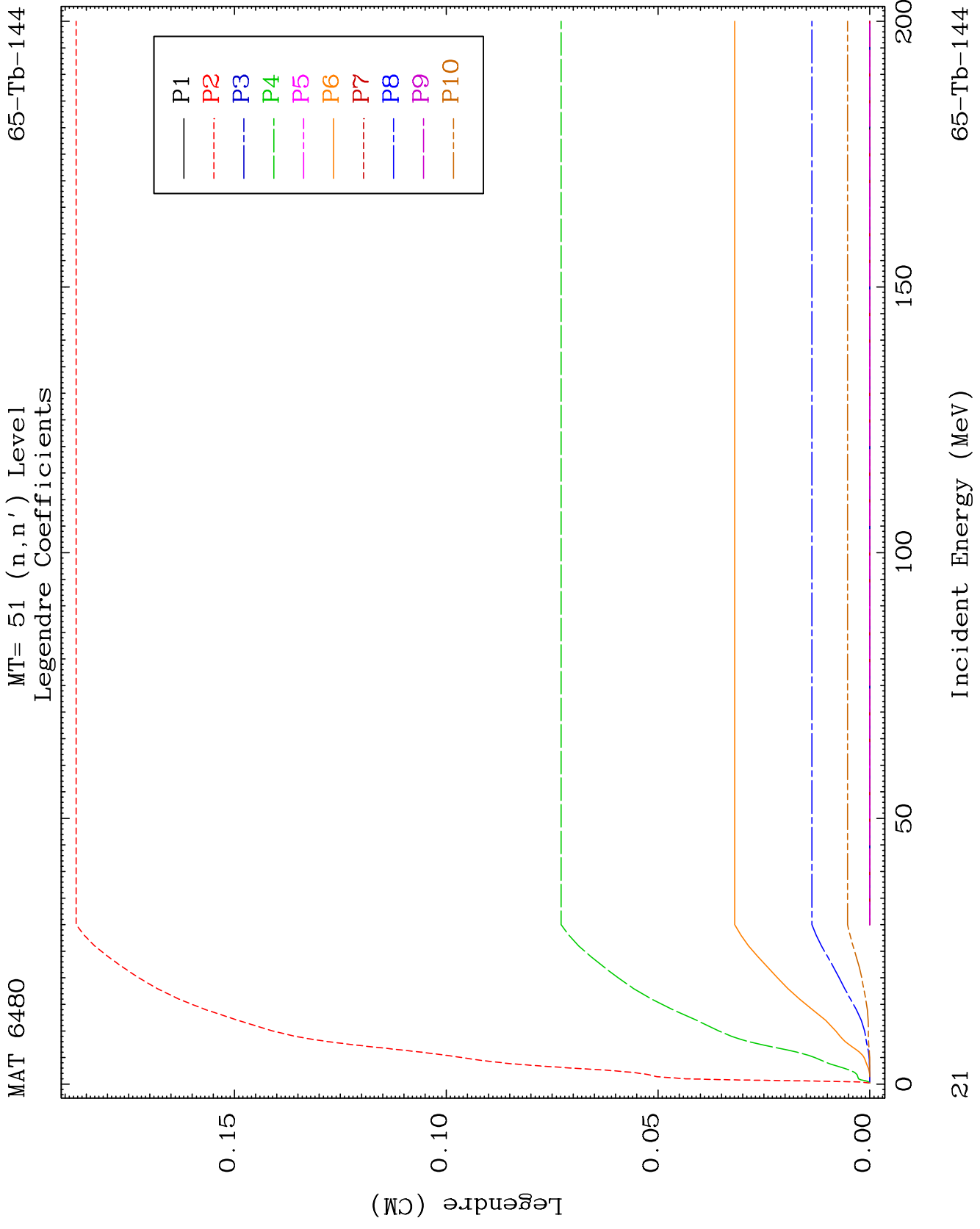
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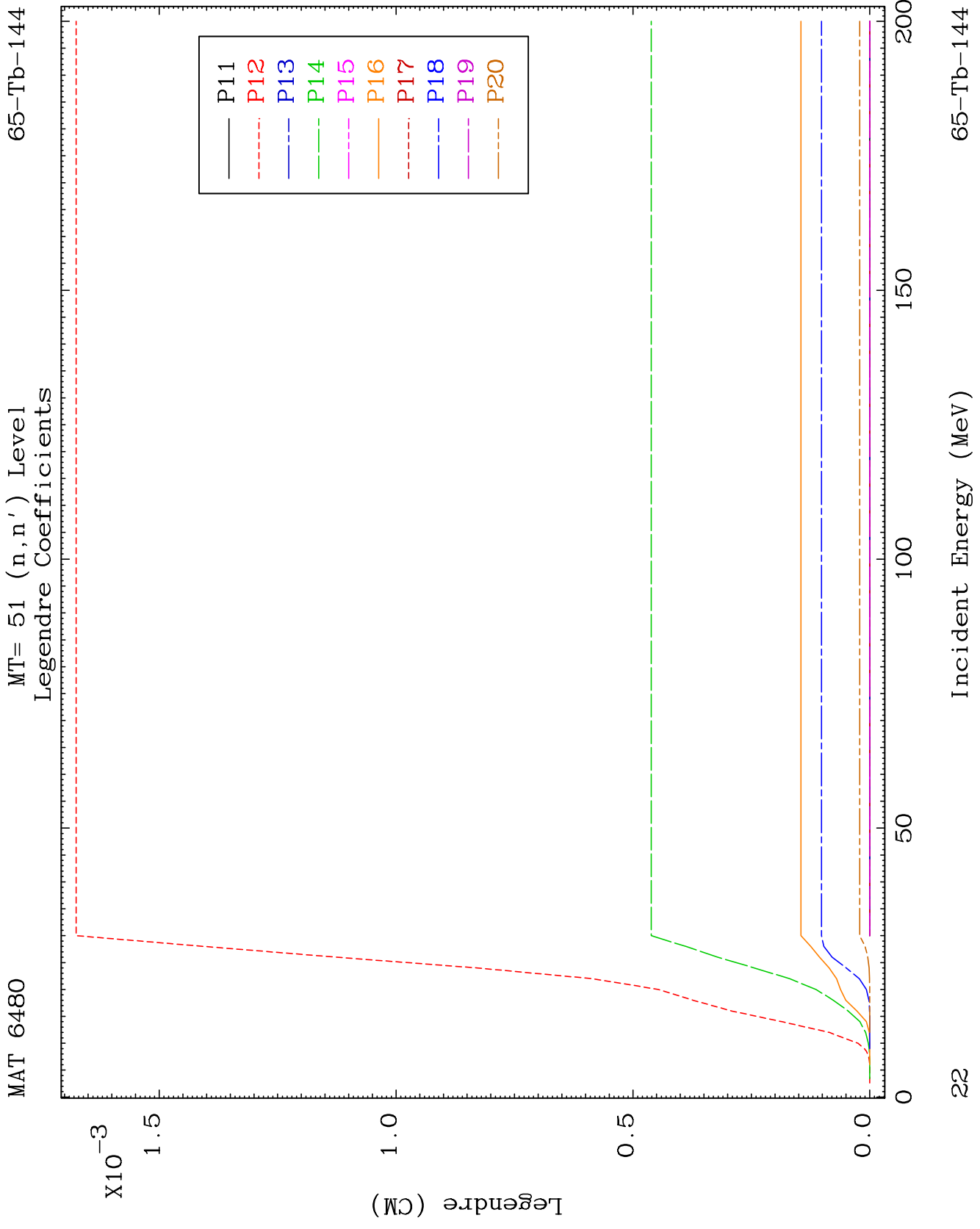
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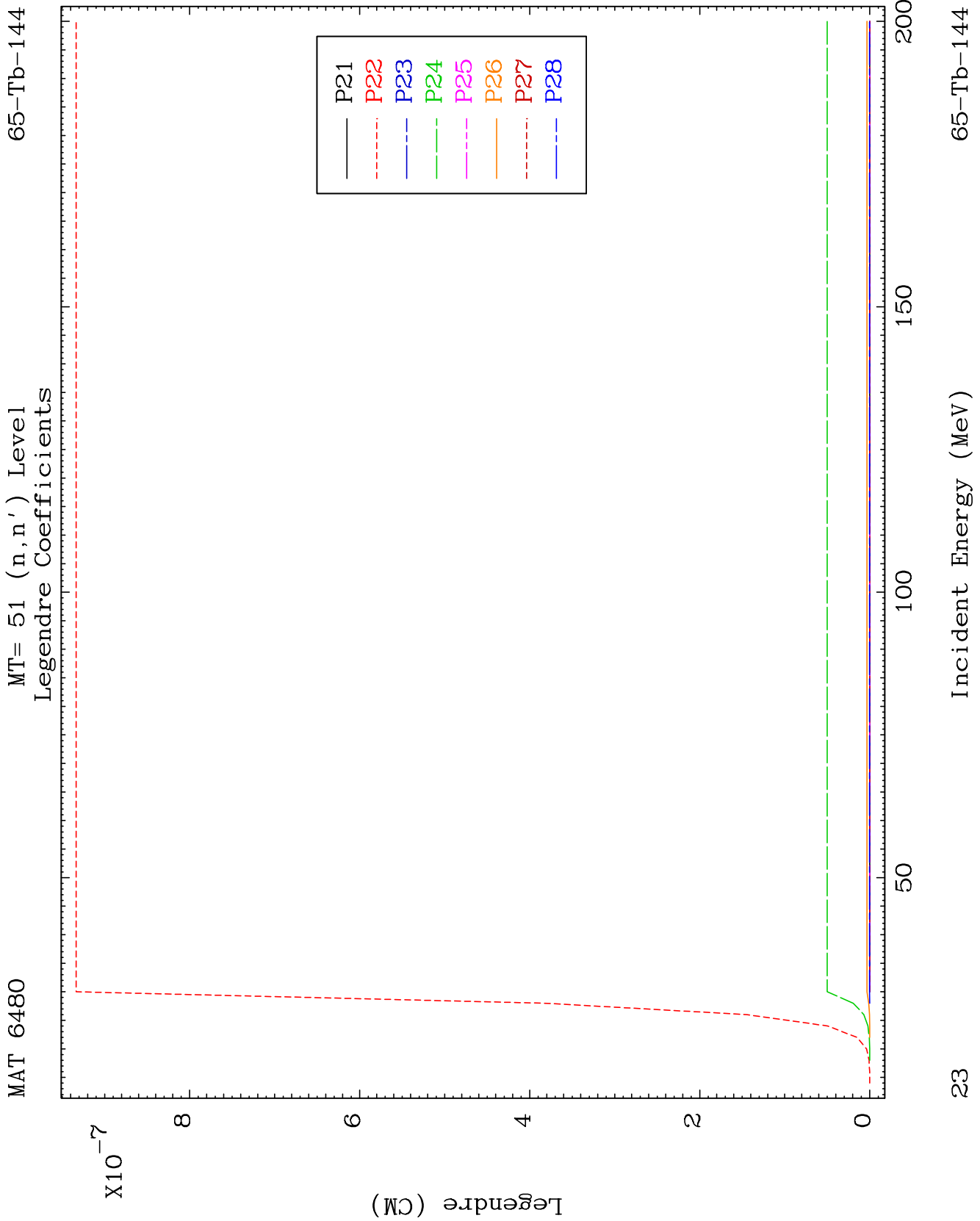
Incident Energy (MeV)

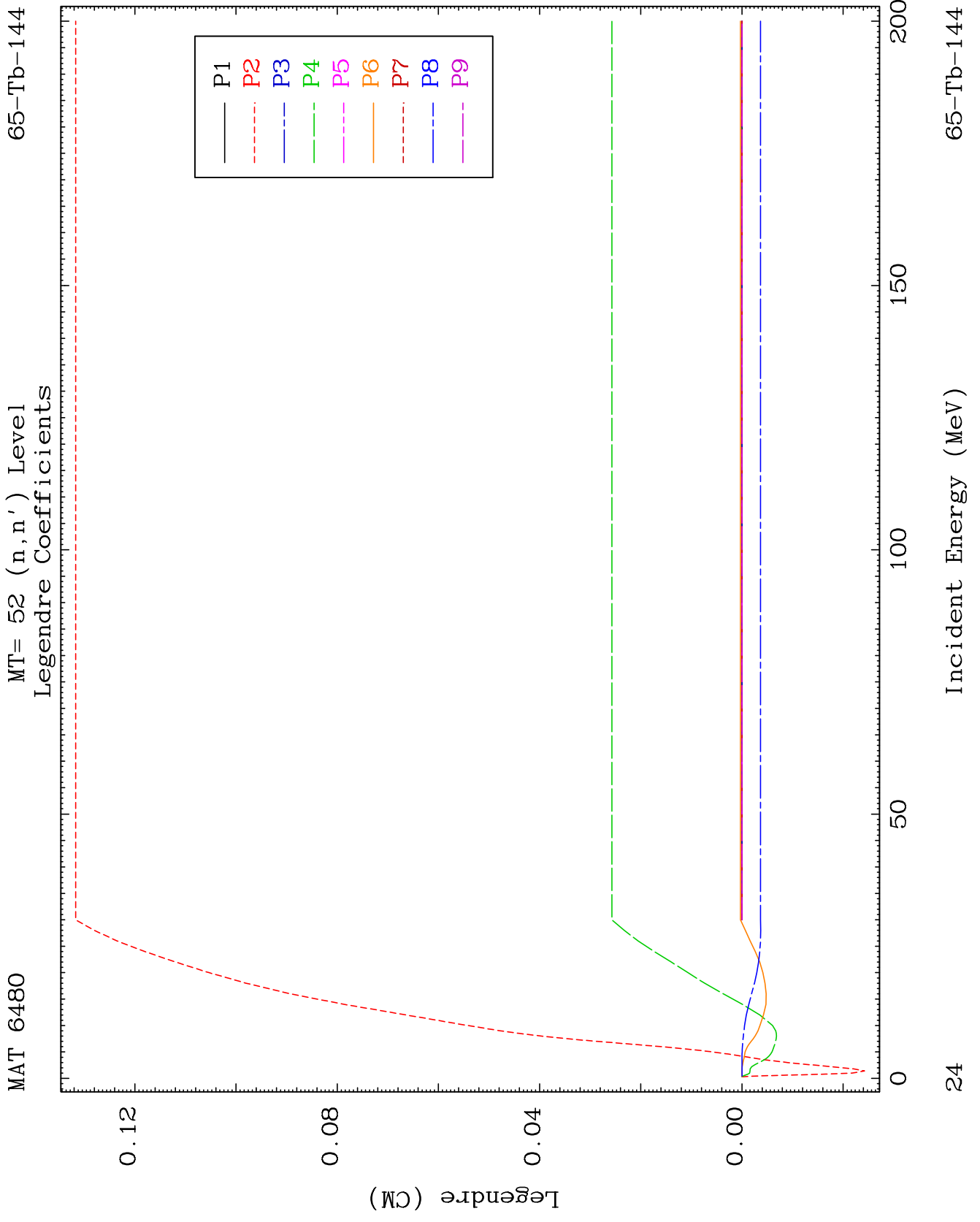
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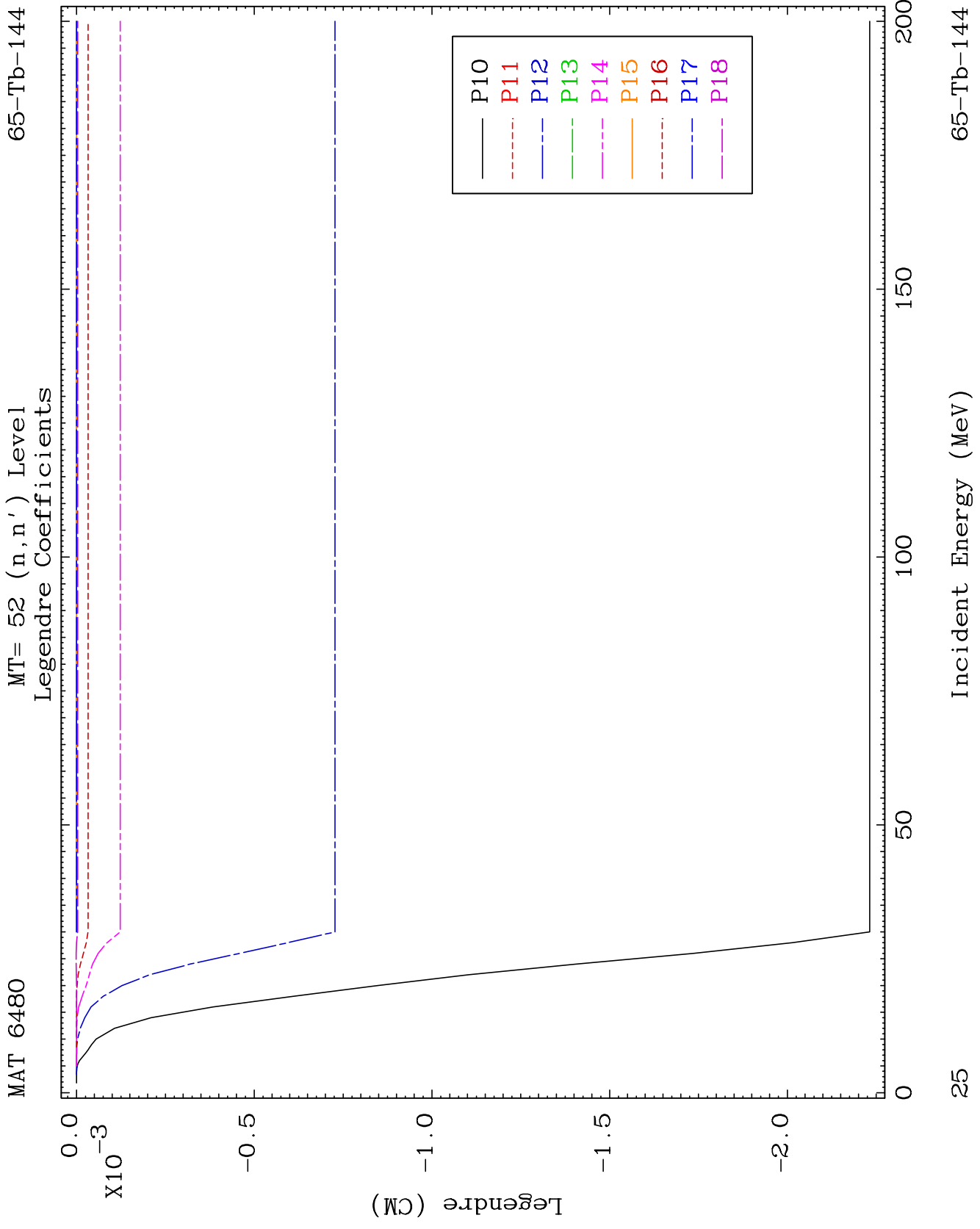


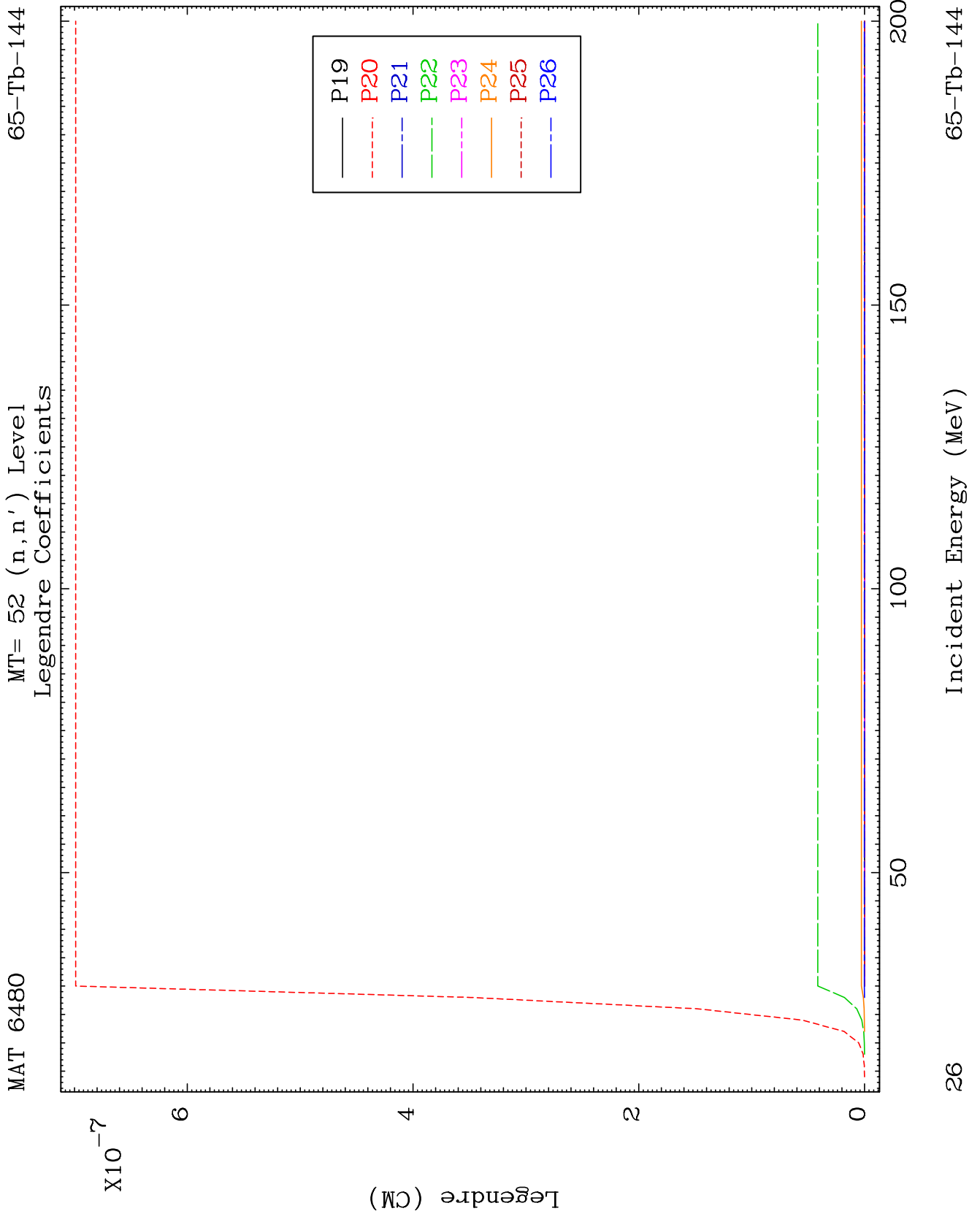


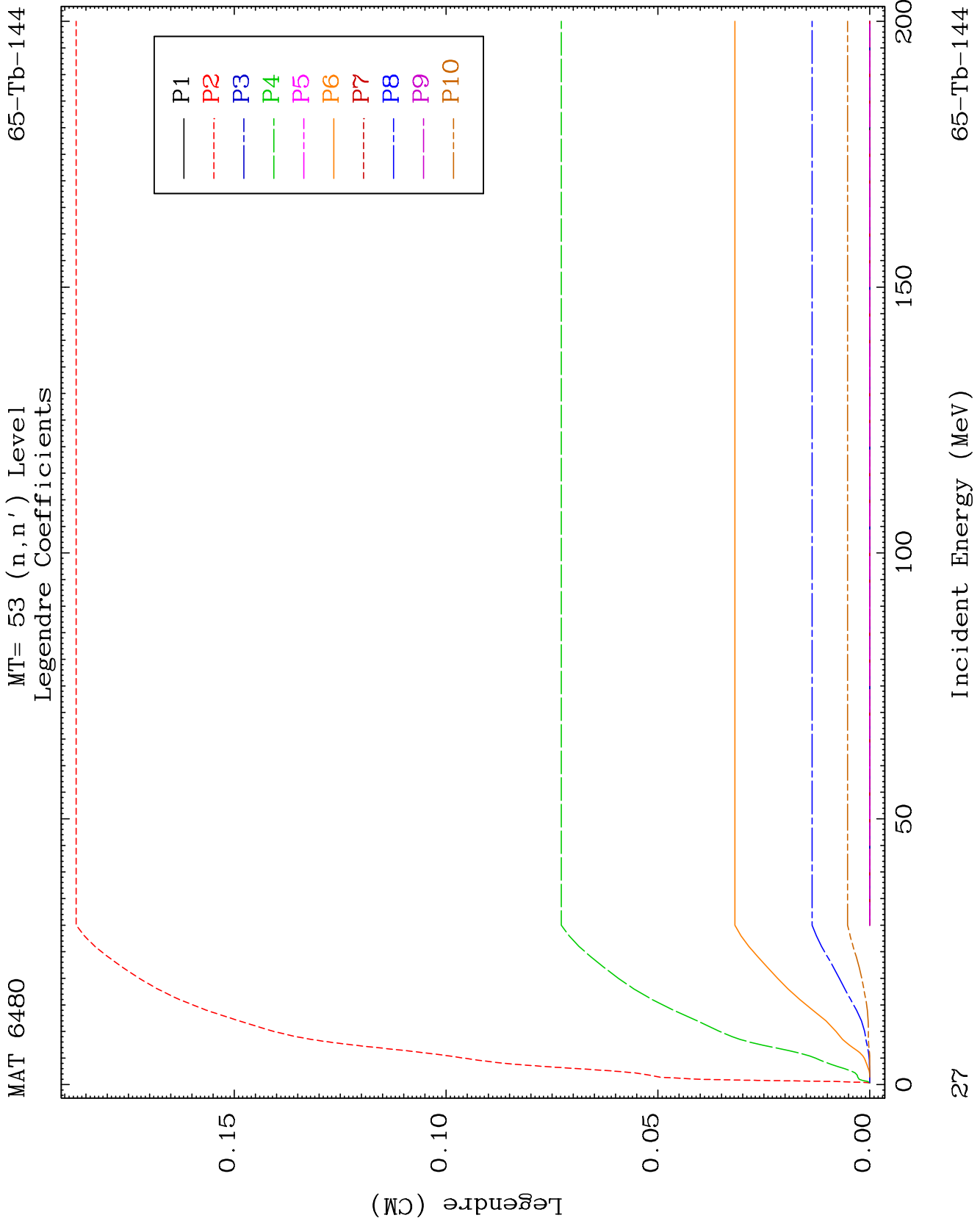


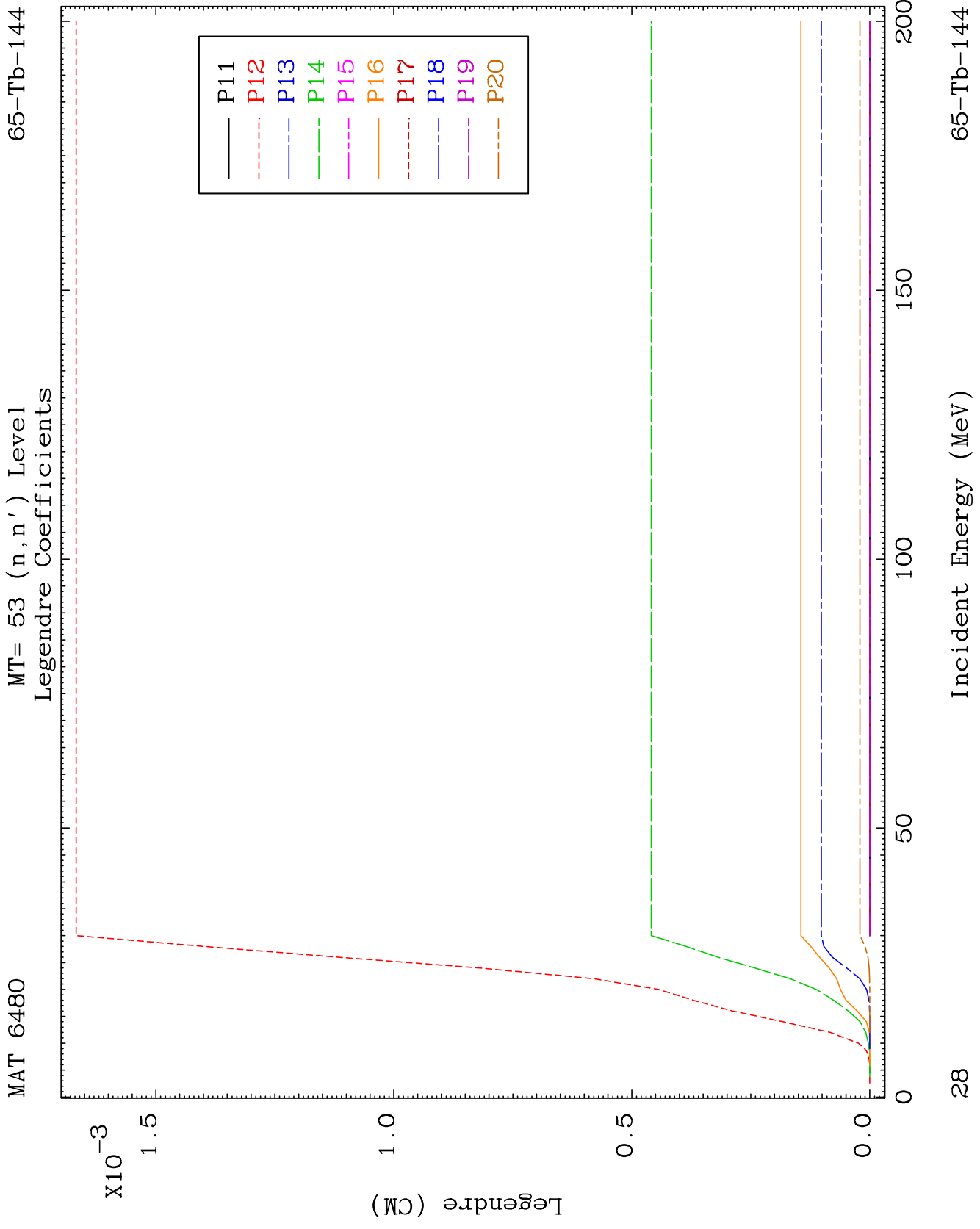


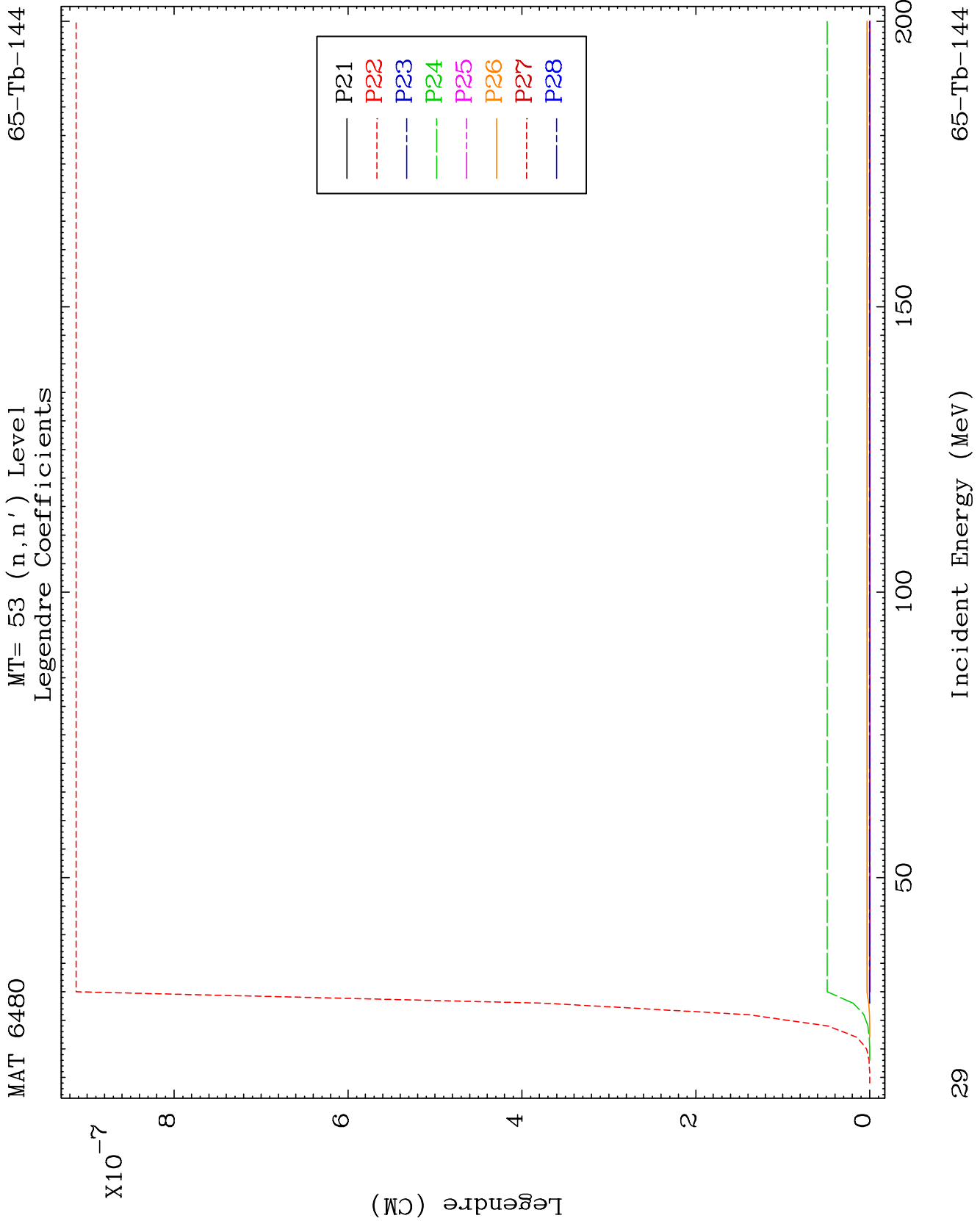








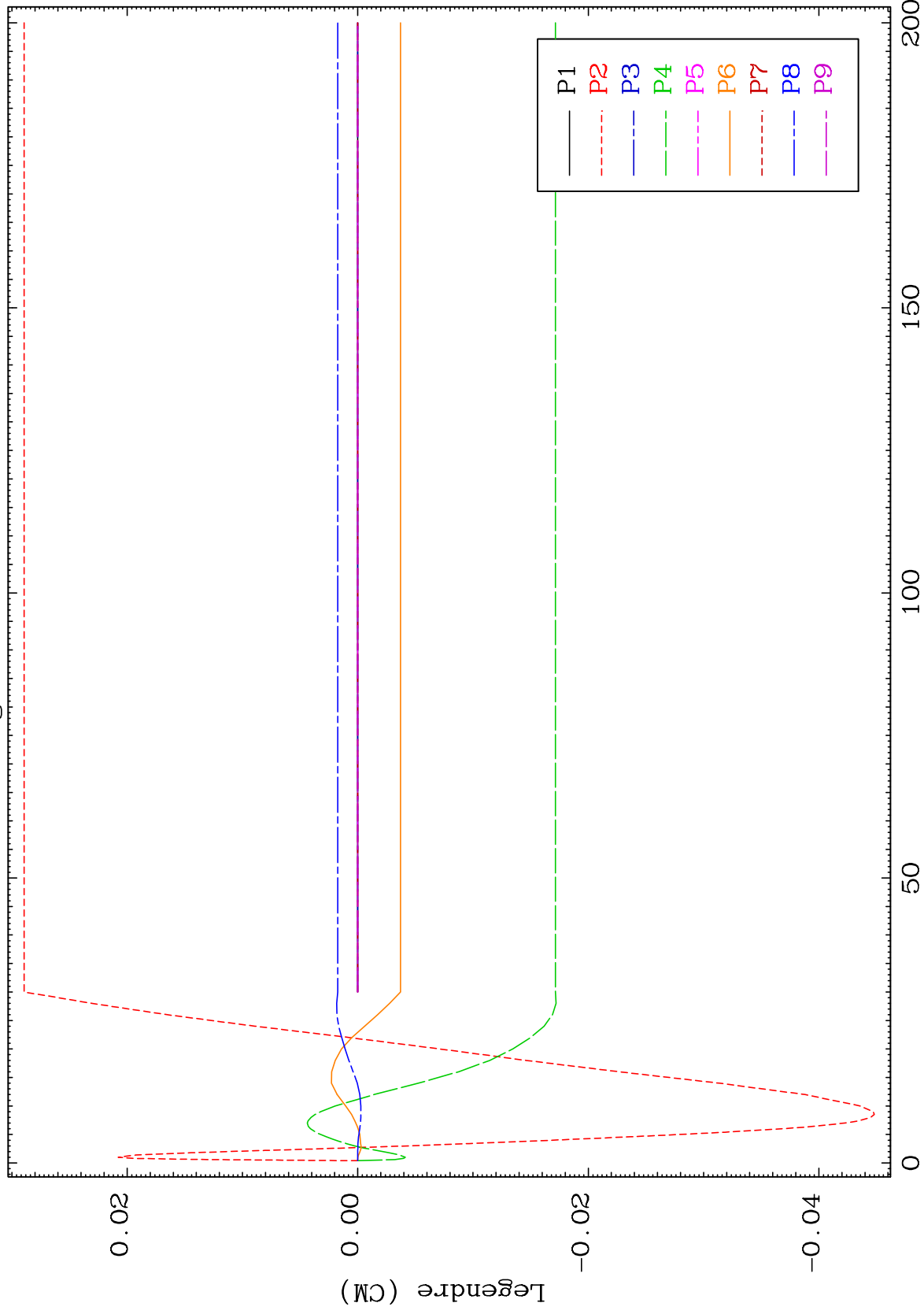




MAT 6480

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

65-Tb-144



65-Tb-144

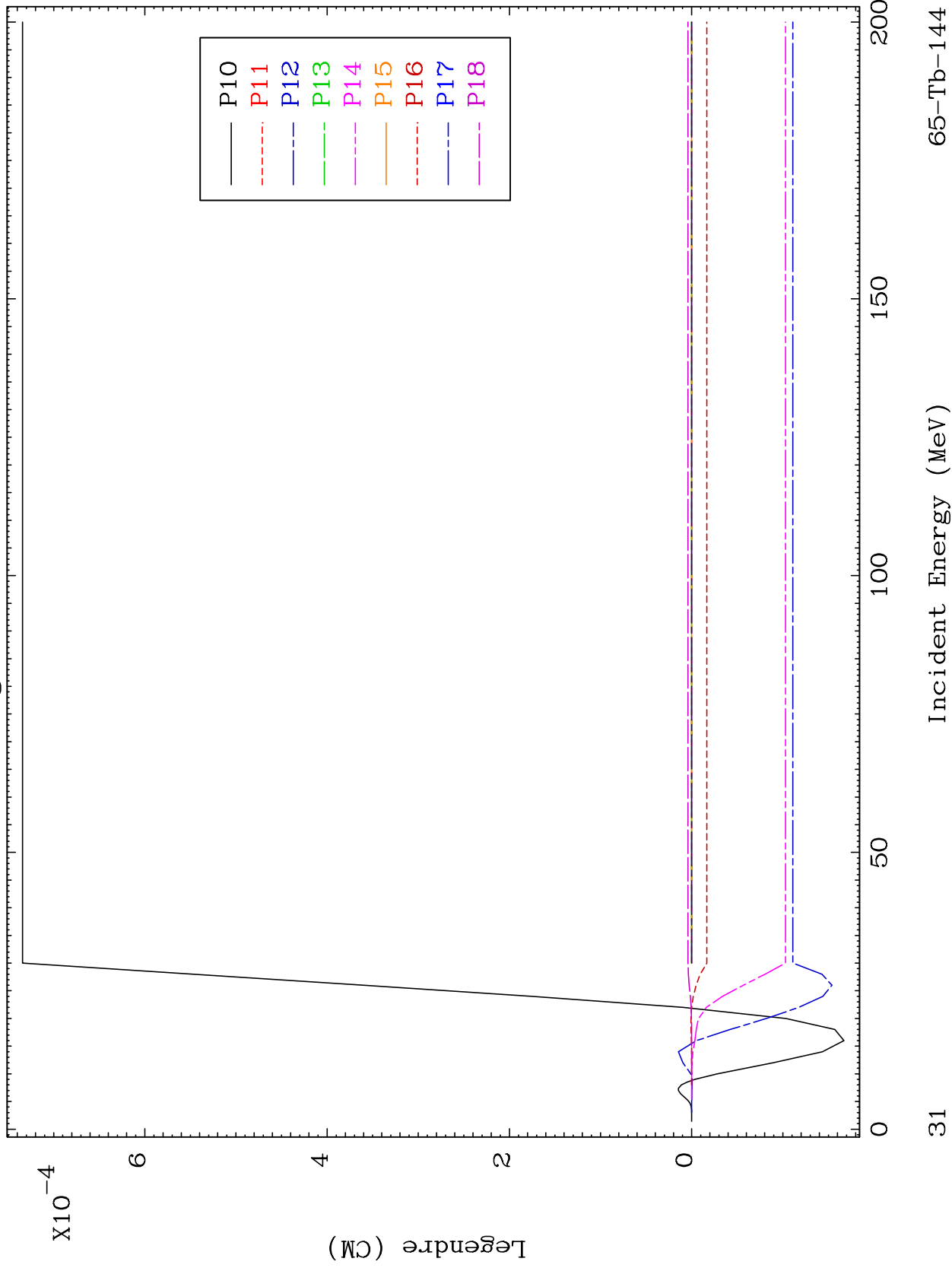
Incident Energy (MeV)

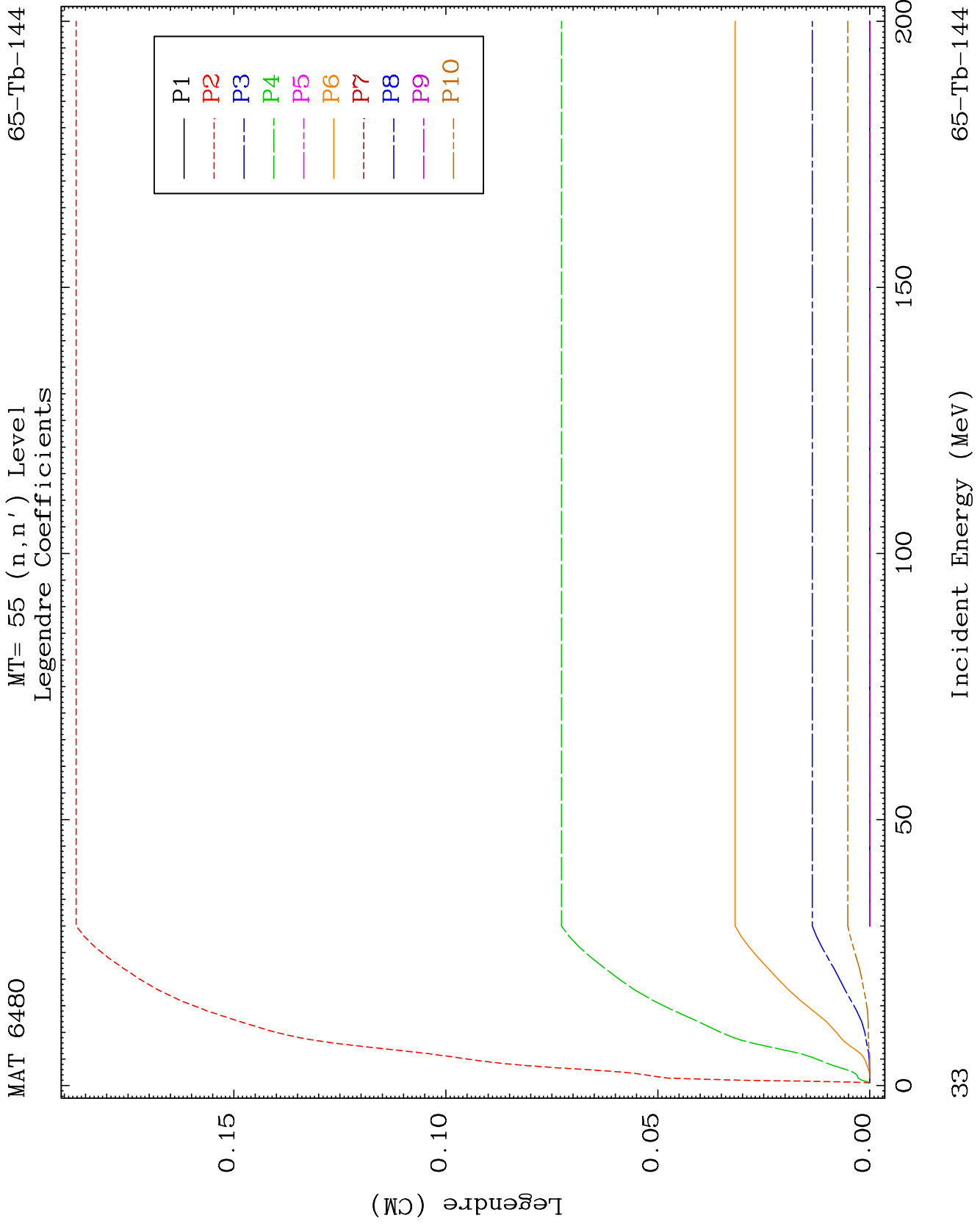
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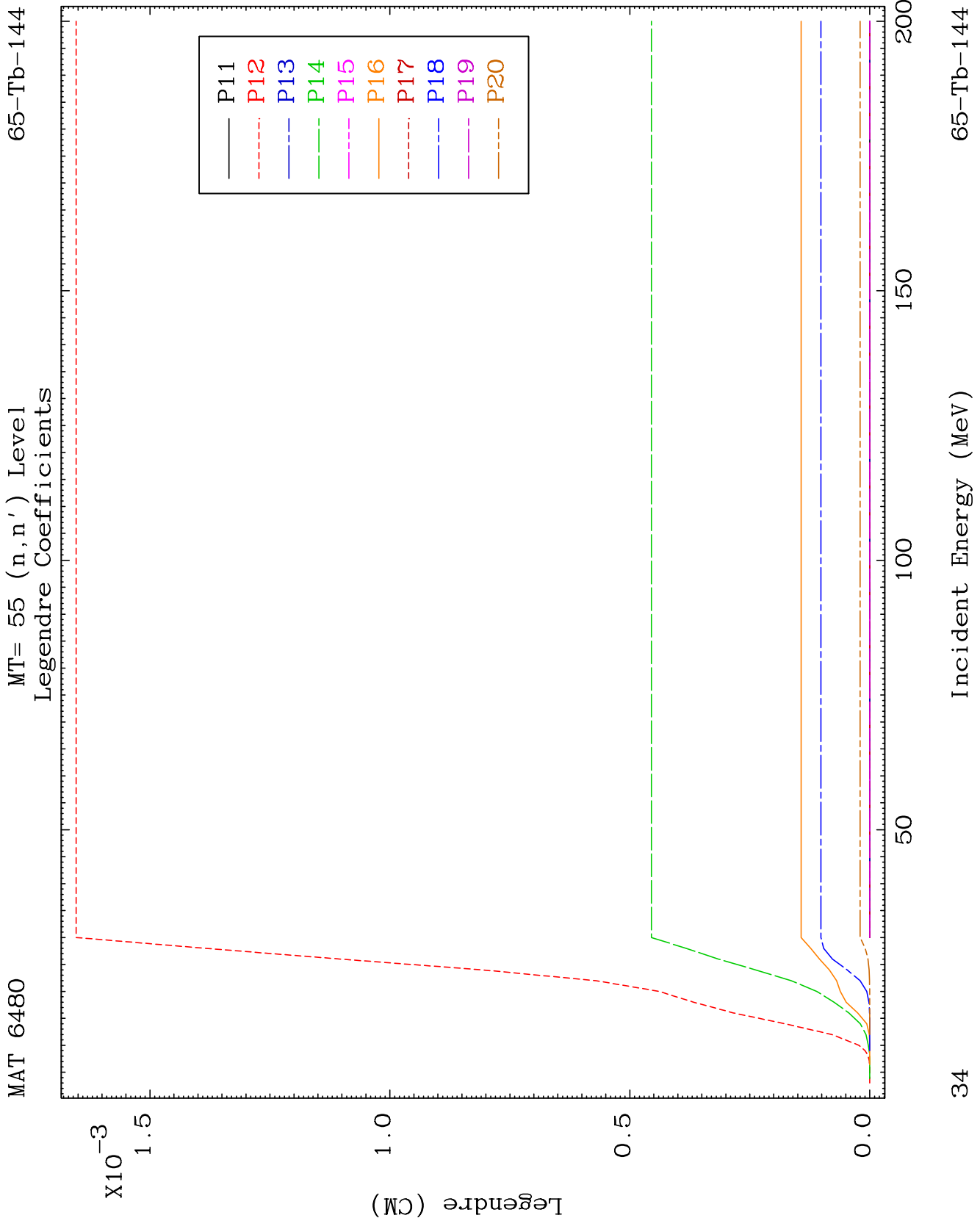
MAT 6480

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

65-Tb-144





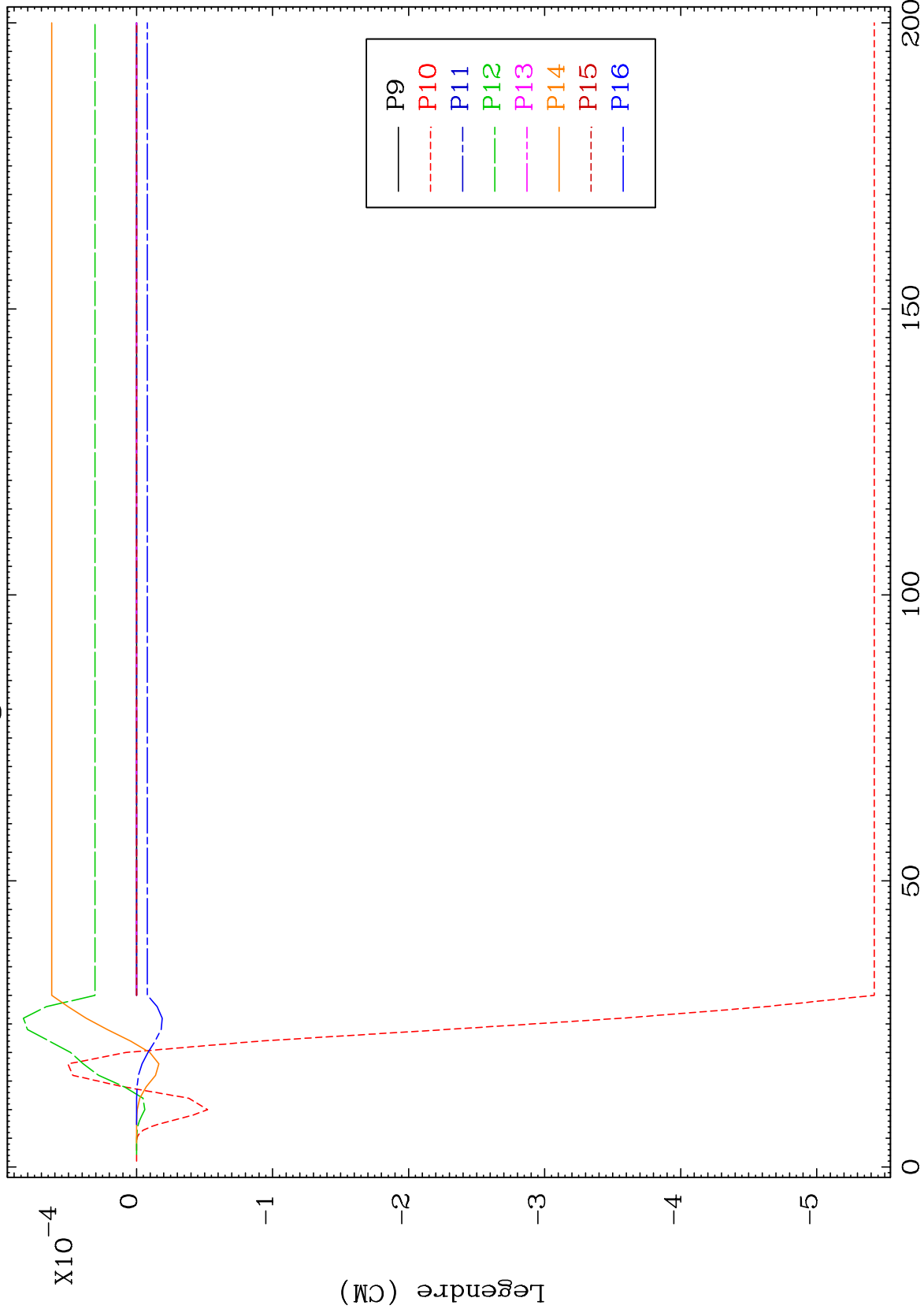


MAT 6480

MT= 56 (n,n') Level

65-Tb-144

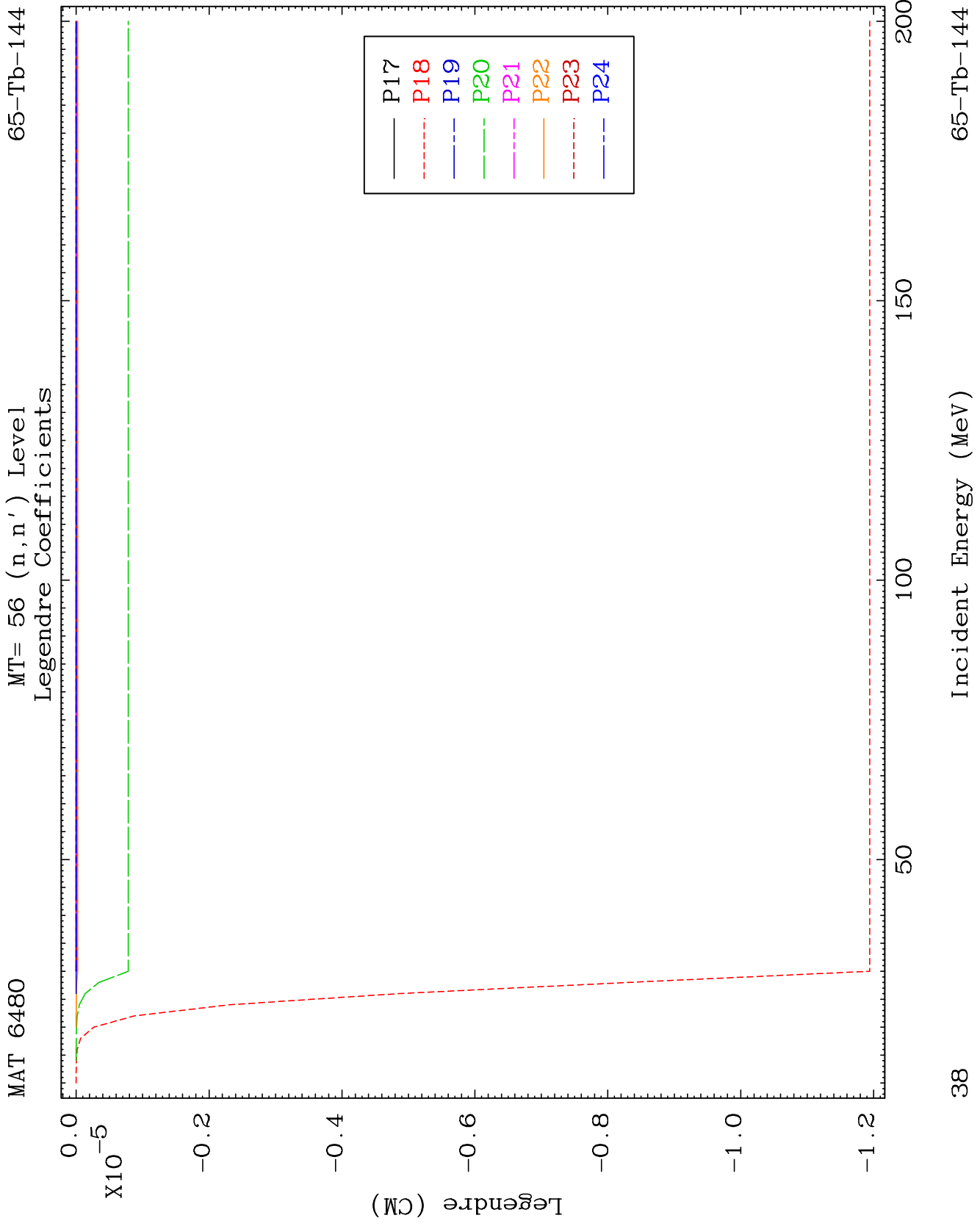
Legendre Coefficients



37

Incident Energy (MeV)

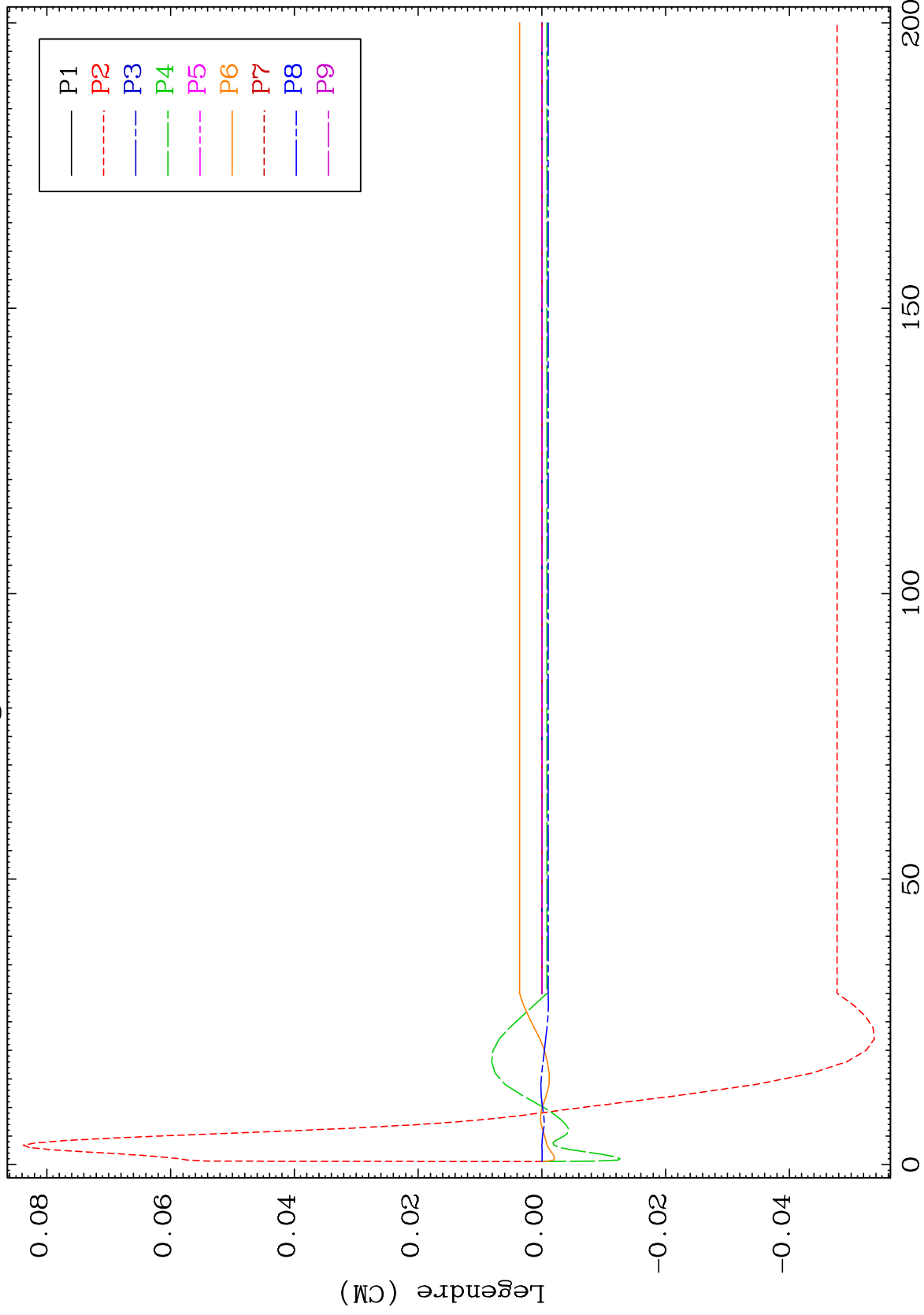
65-Tb-144



MAT 6480

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

65-Tb-144



39

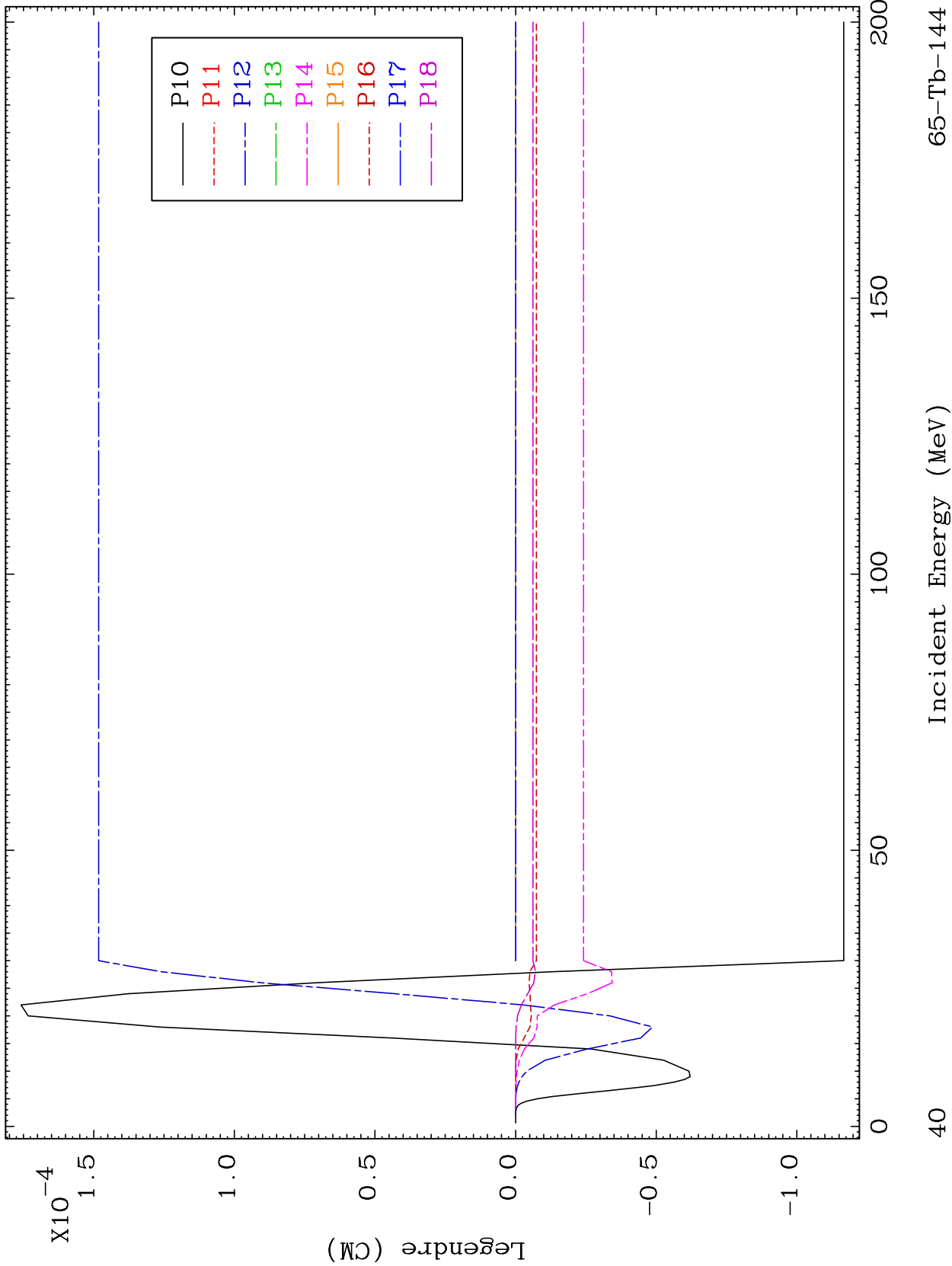
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

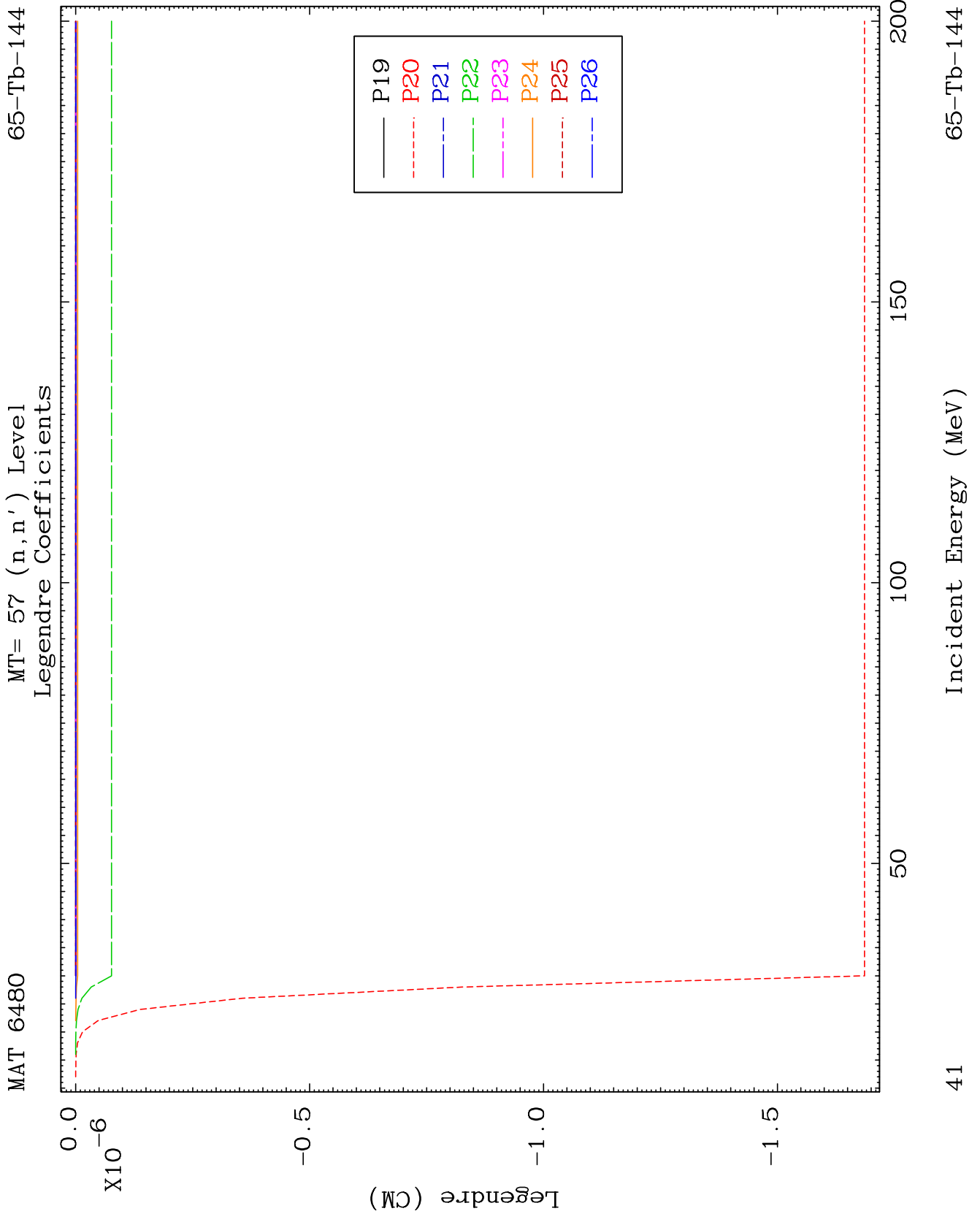
65-Tb-144



65-Tb-144

Incident Energy (MeV)

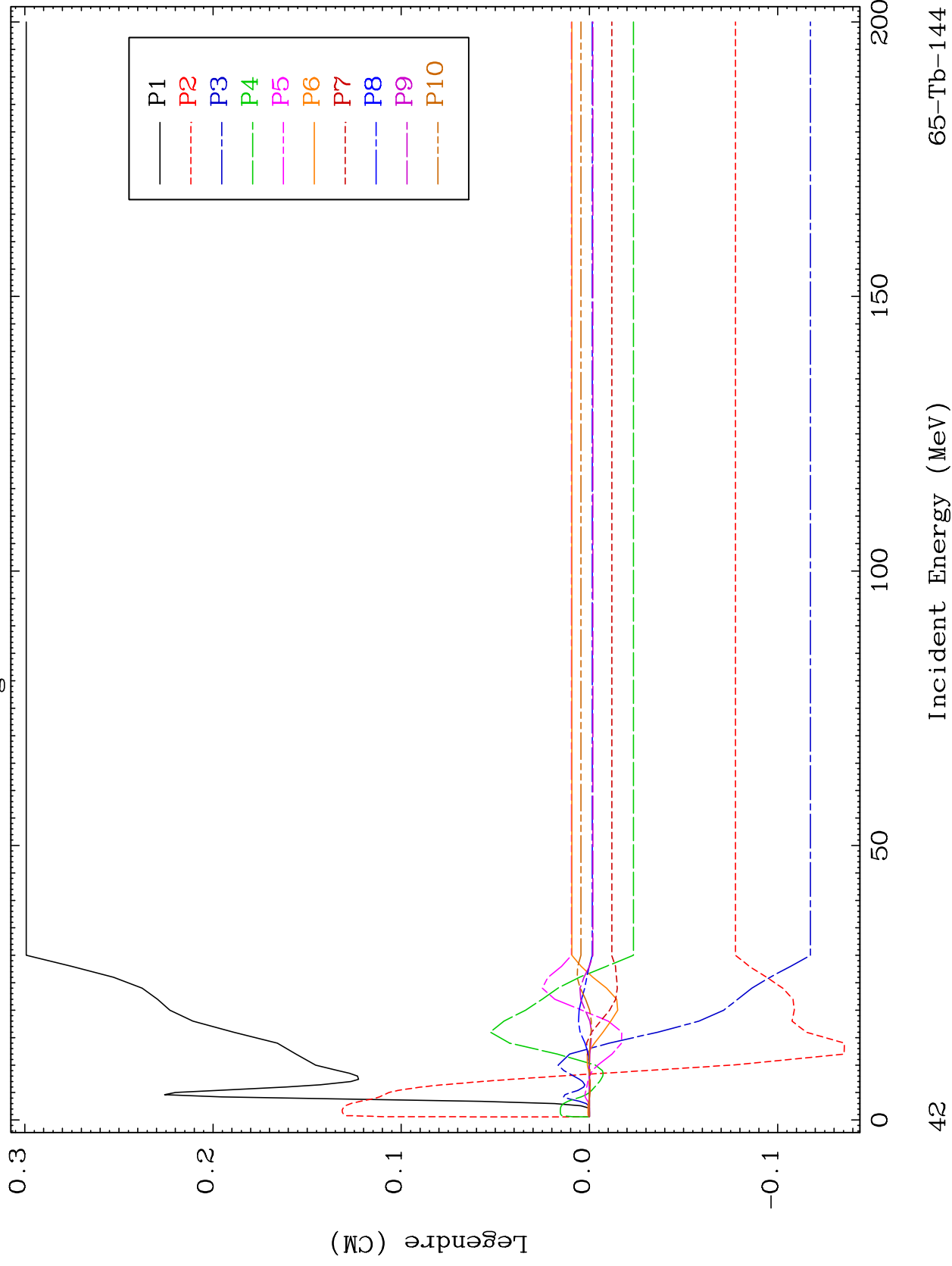
40



MAT 6480

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

65-Tb-144



65-Tb-144

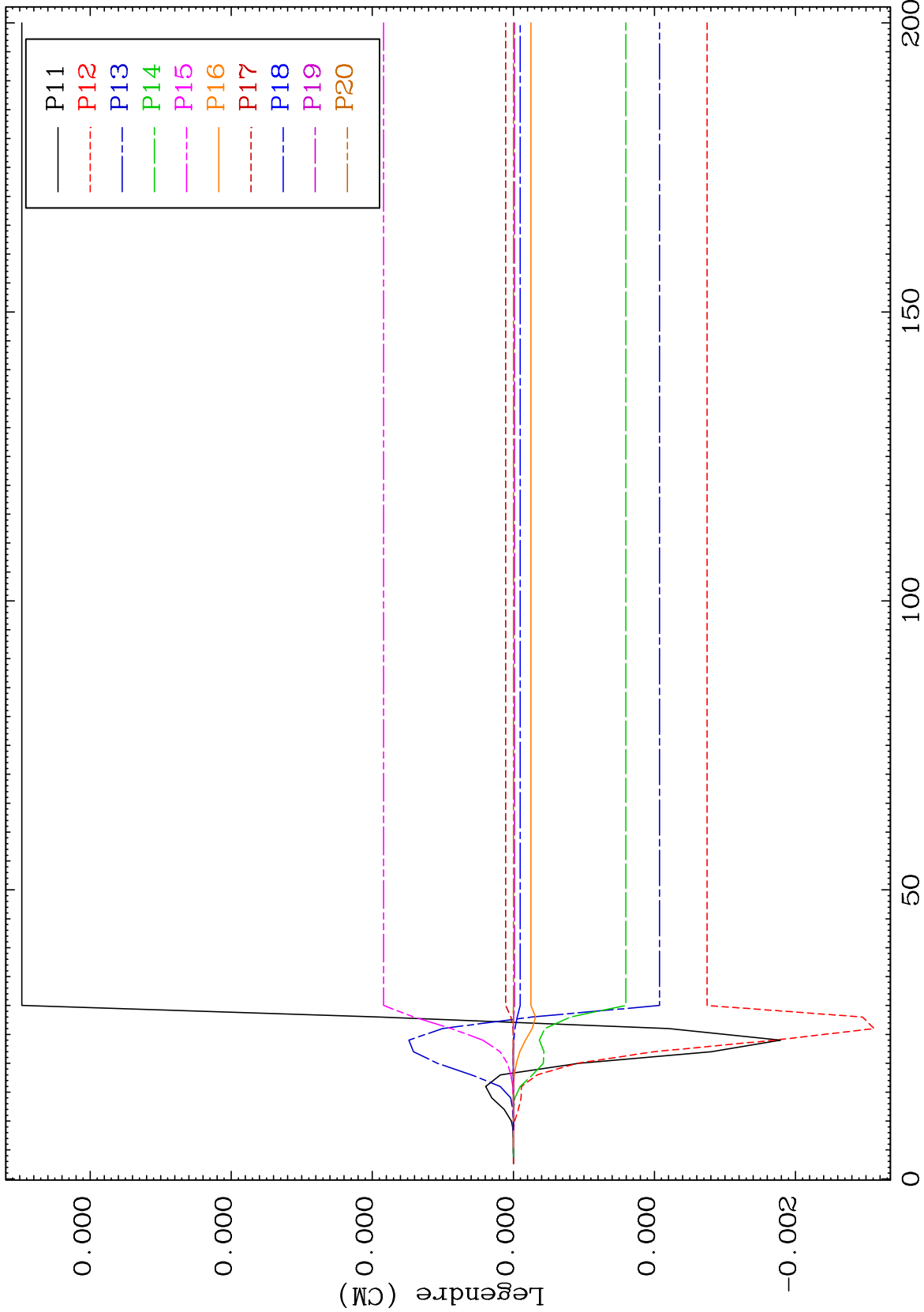
Incident Energy (MeV)

42

MAT 6480

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

65-Tb-144



43

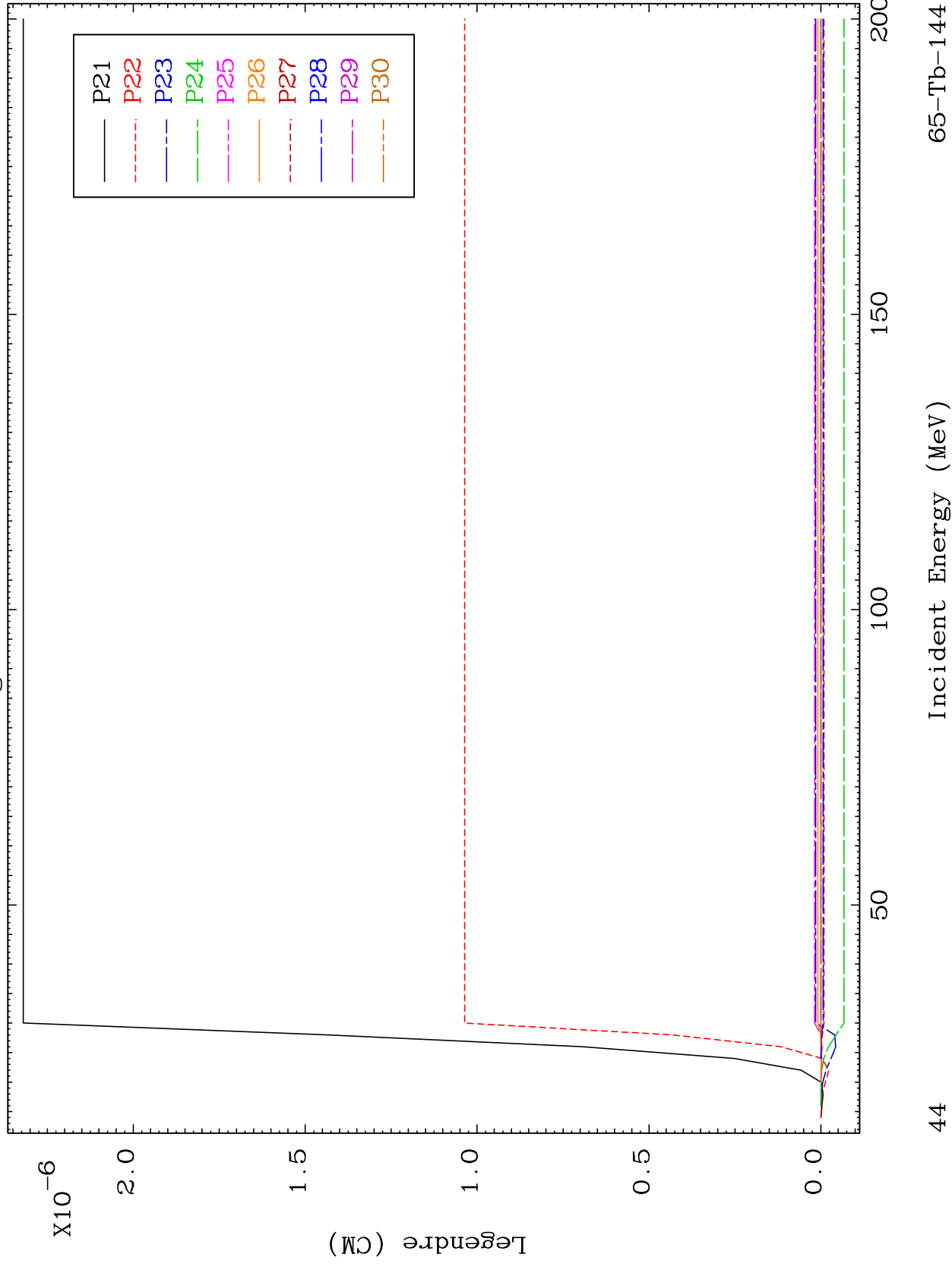
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

65-Tb-144



44

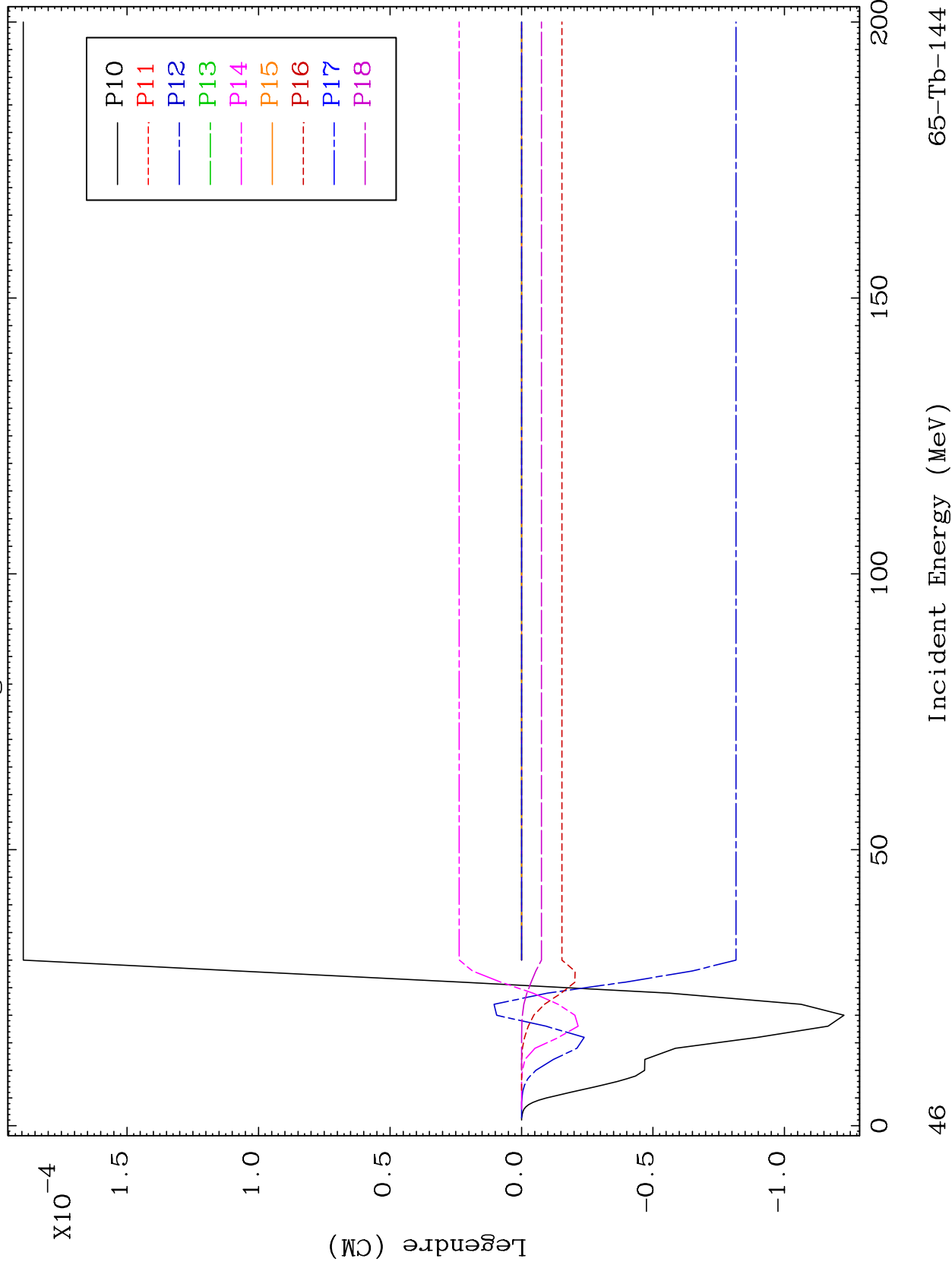
Incident Energy (MeV)

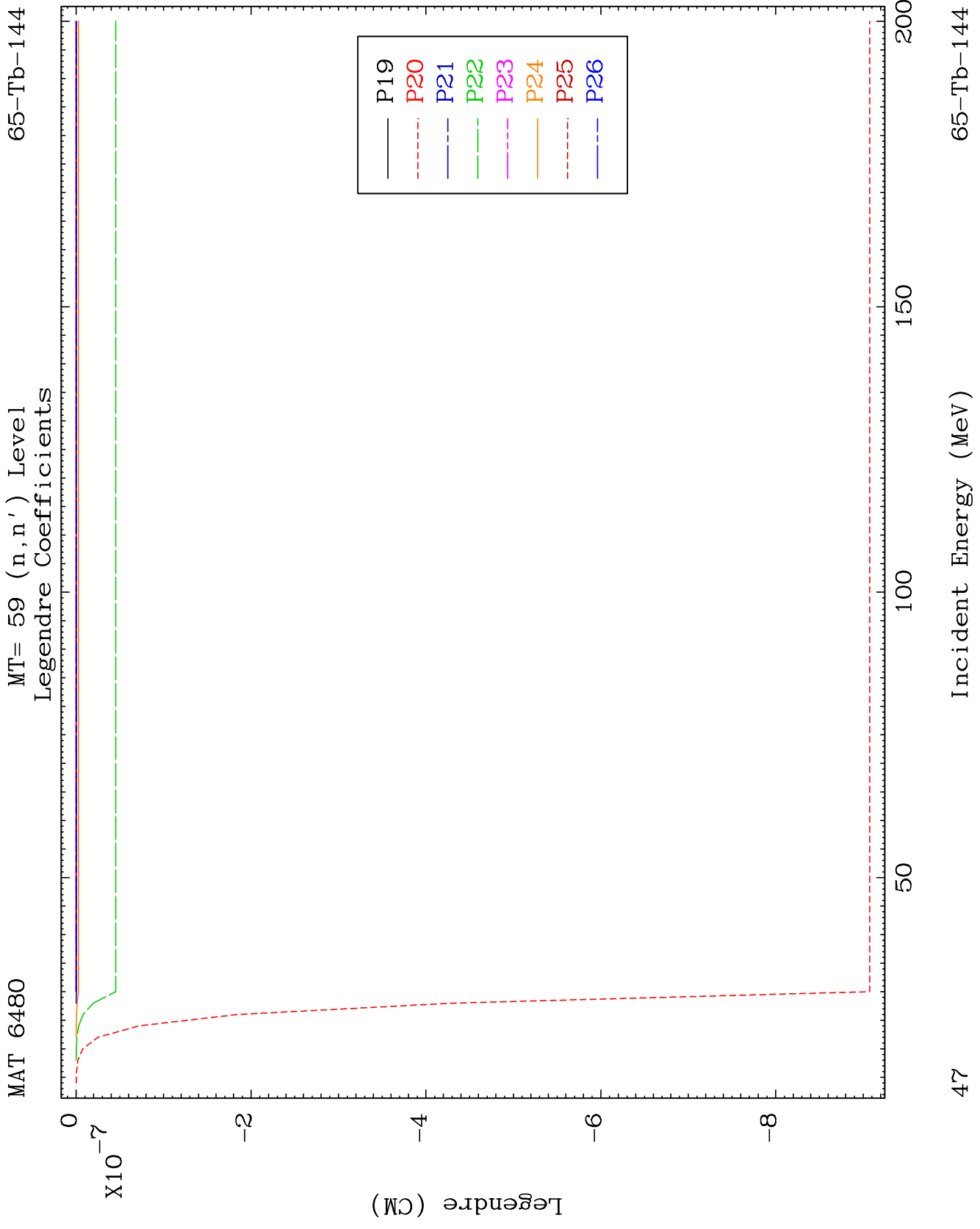
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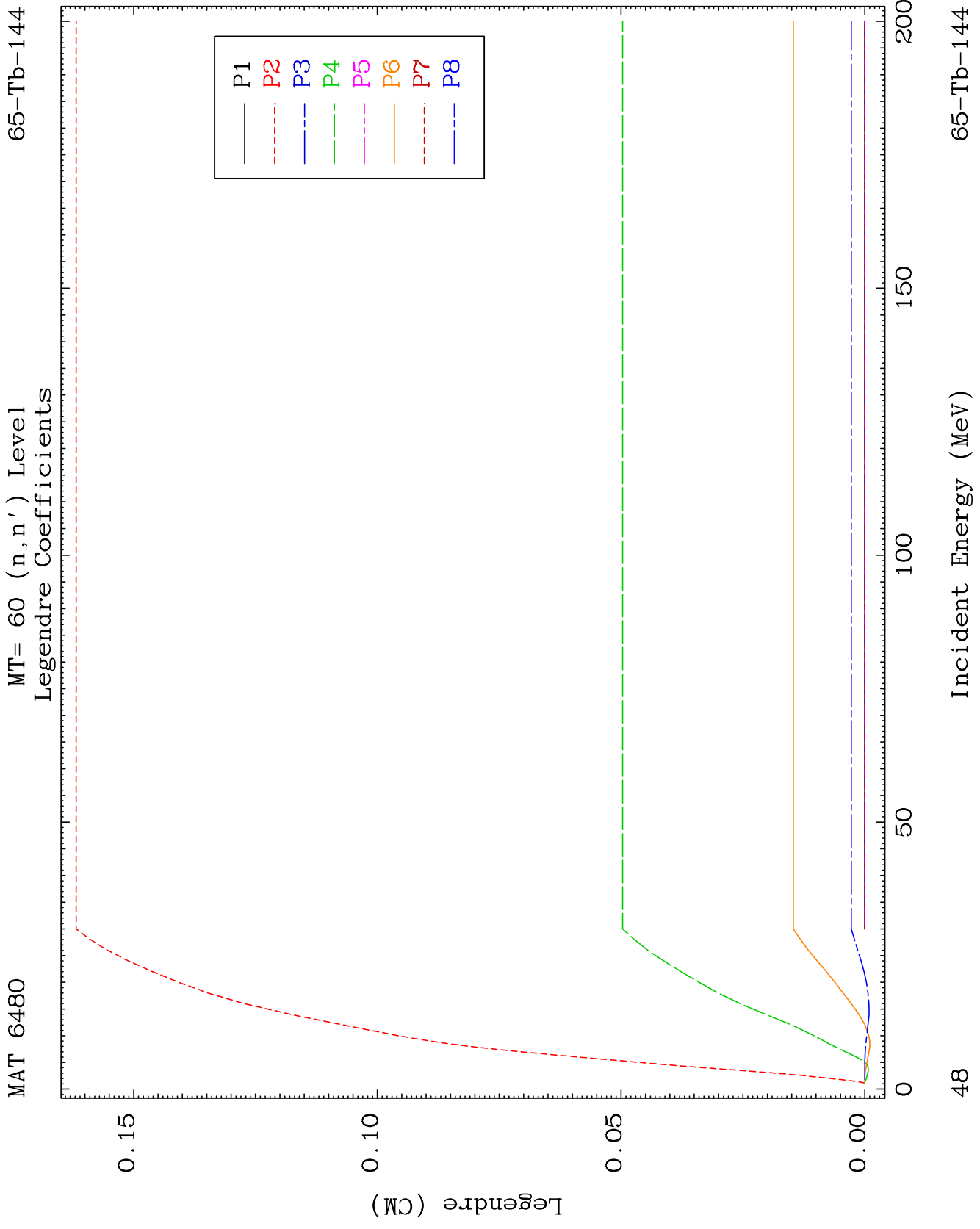
MAT 6480

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

65-Tb-144



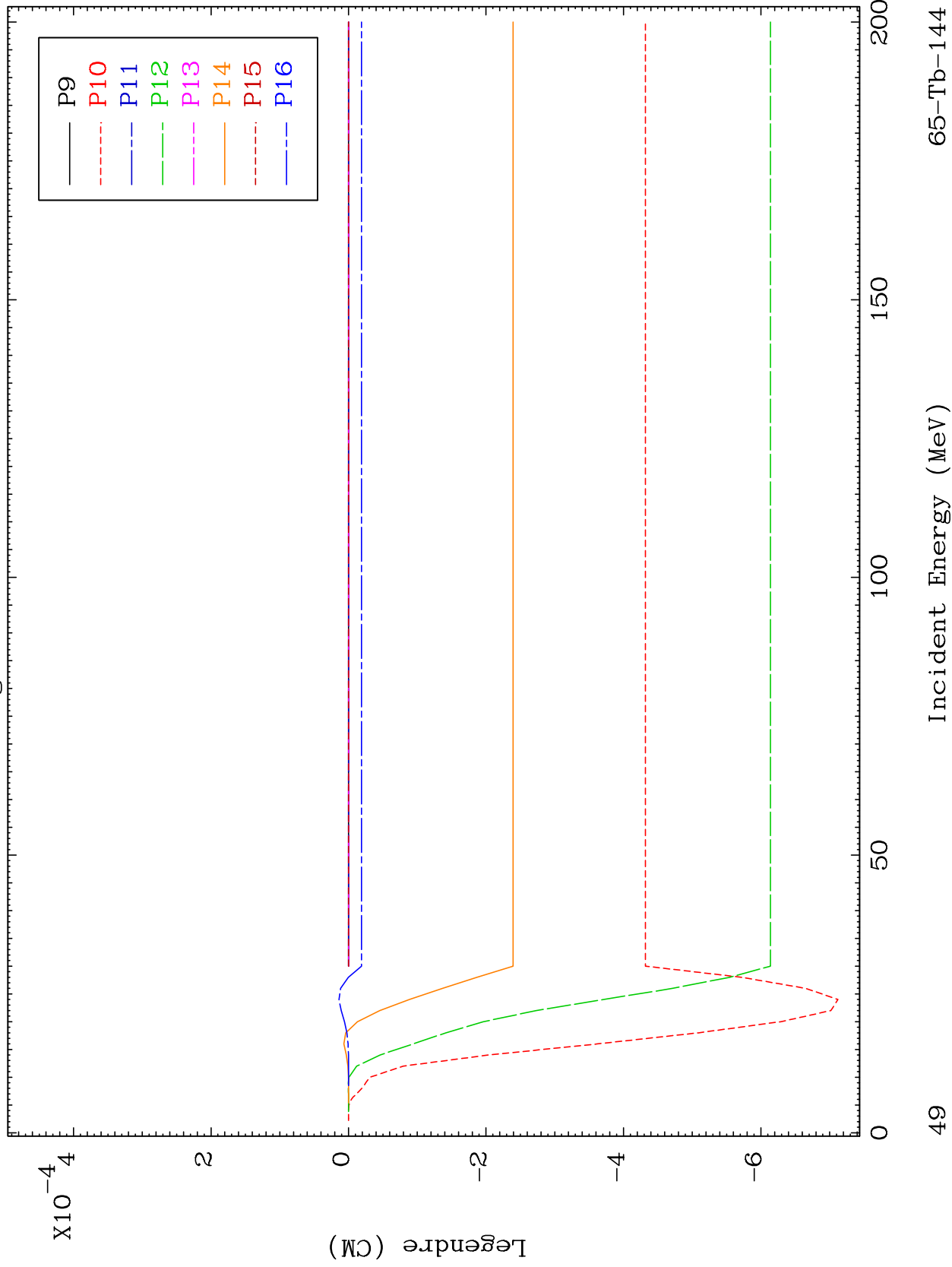




MAT 6480

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

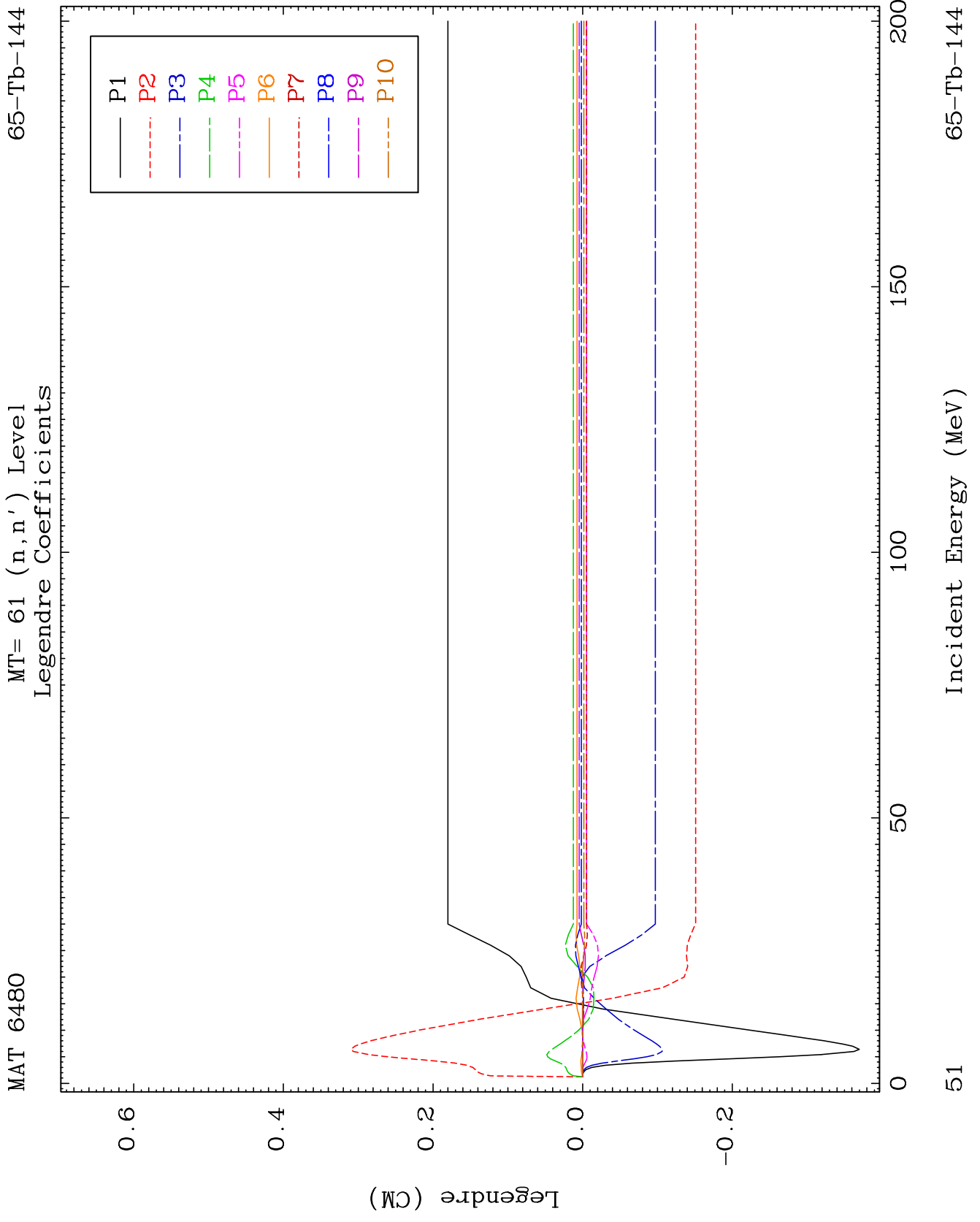
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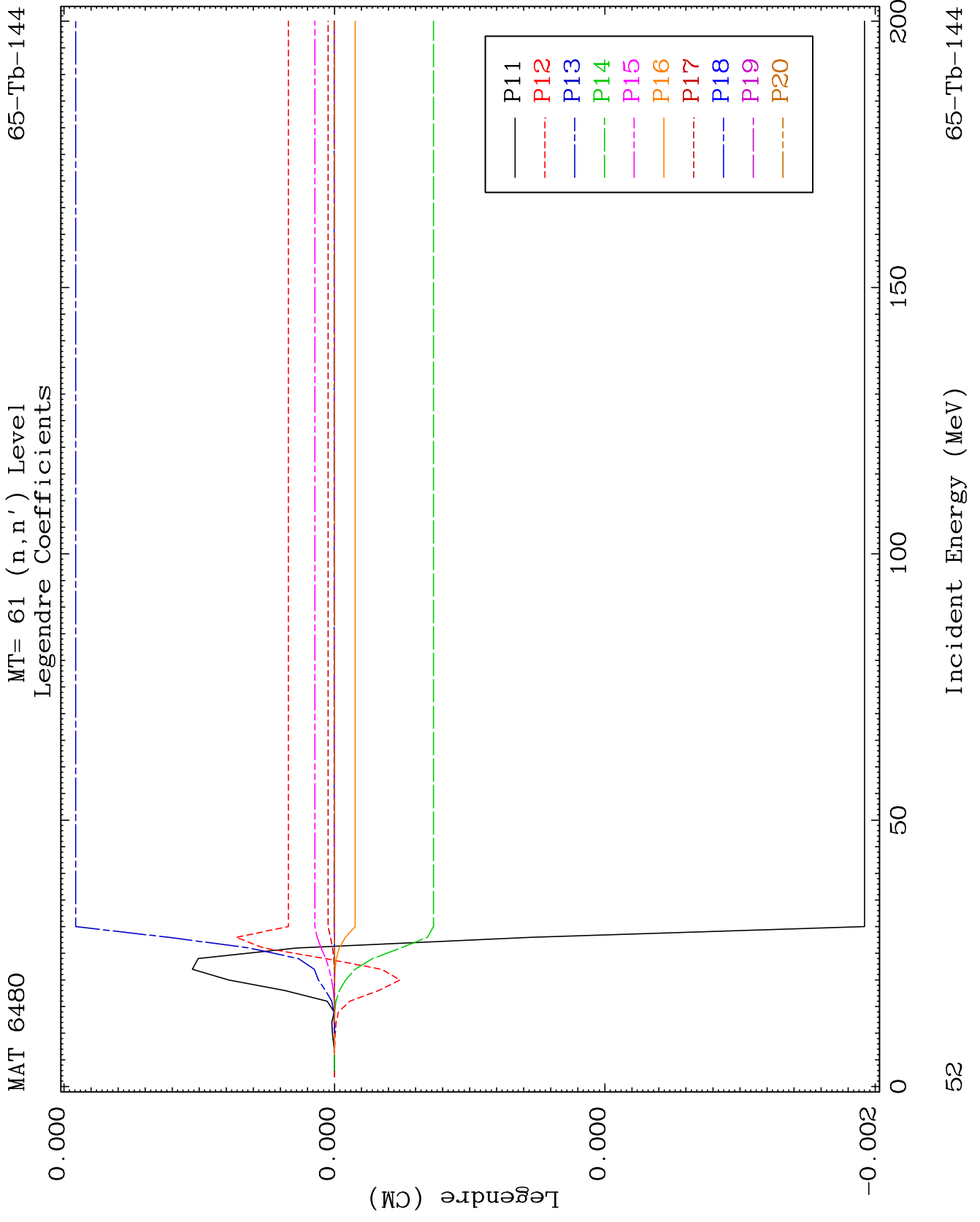


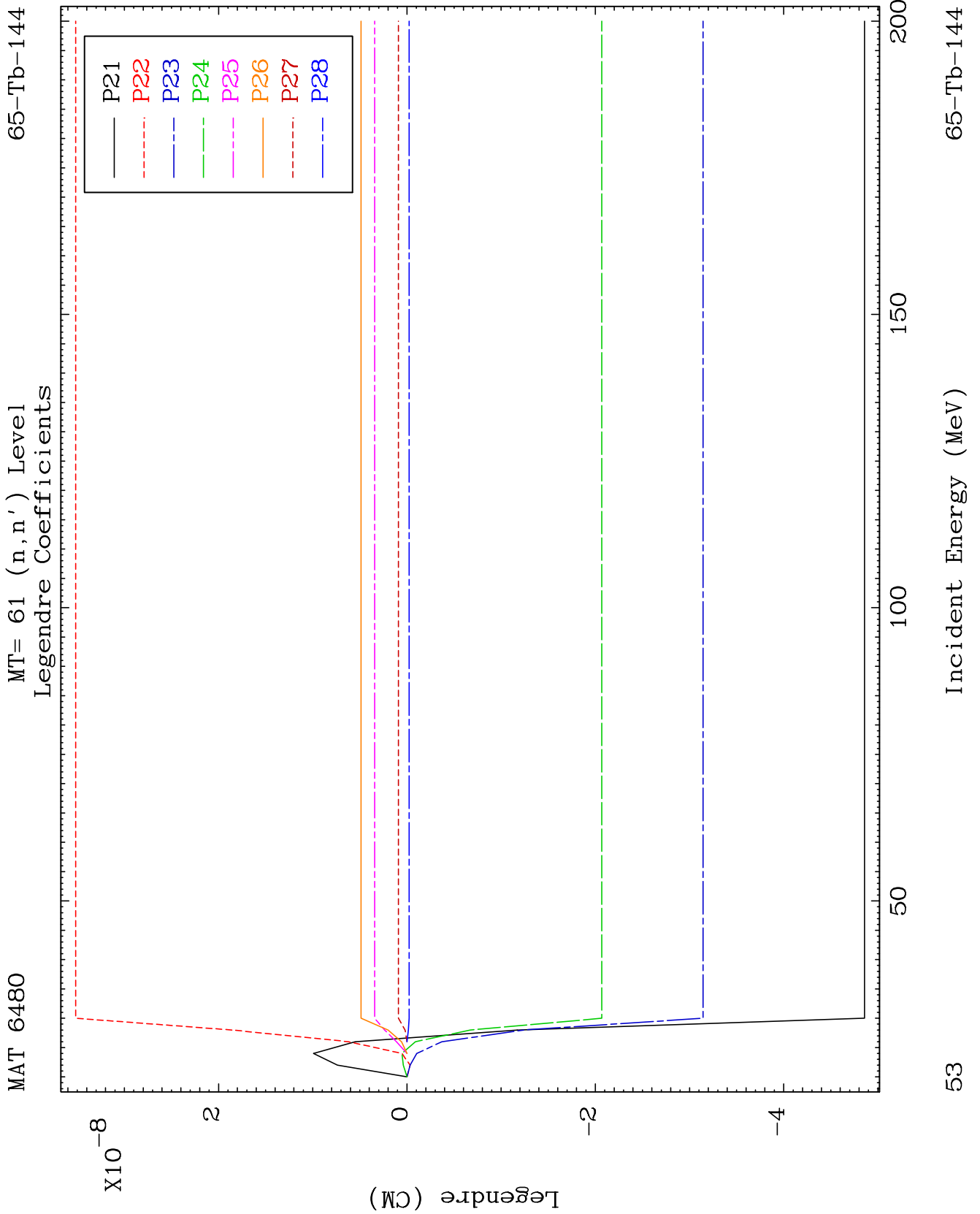
49

Incident Energy (MeV)

65-Tb-144



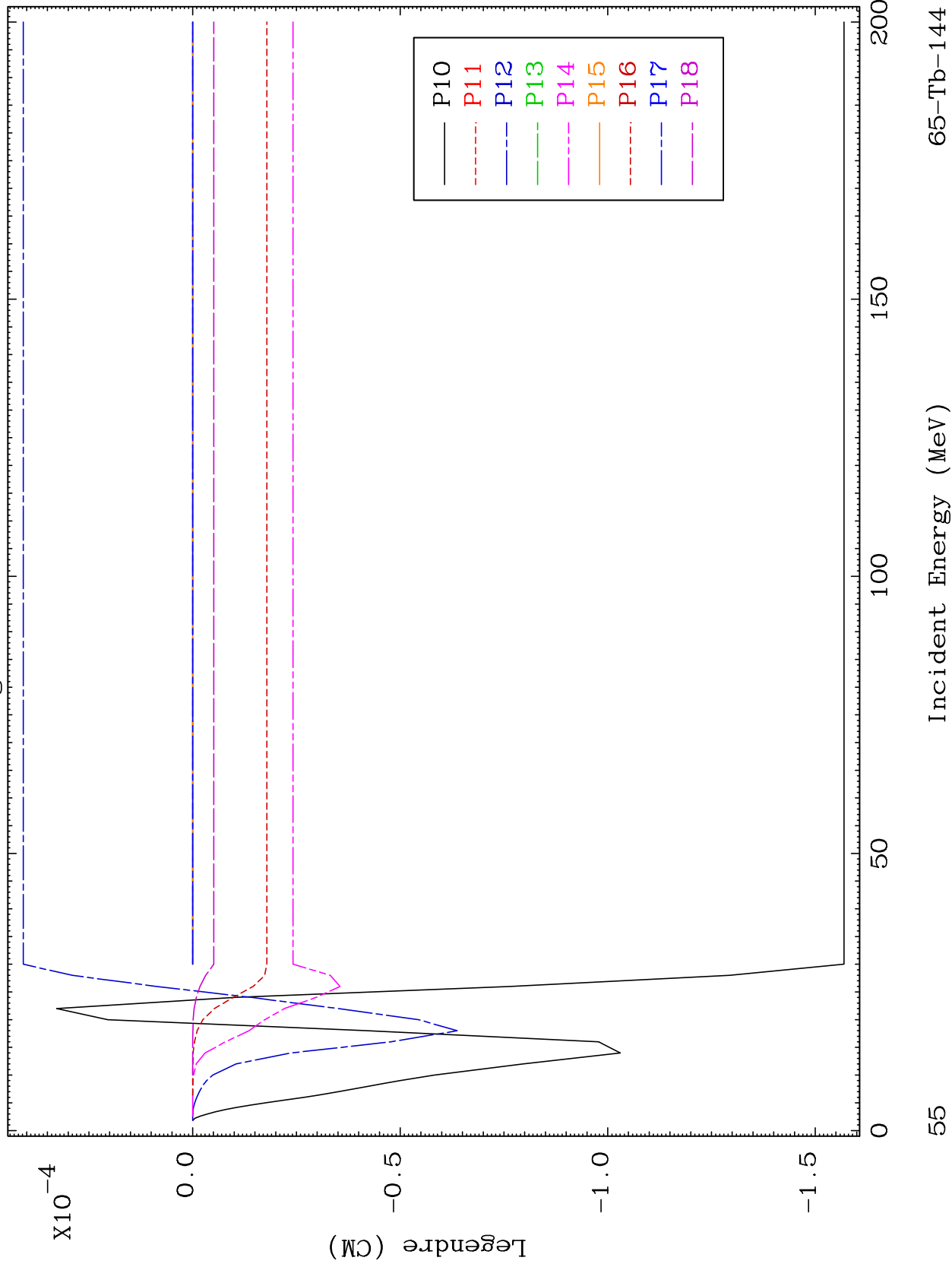




MAT 6480

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

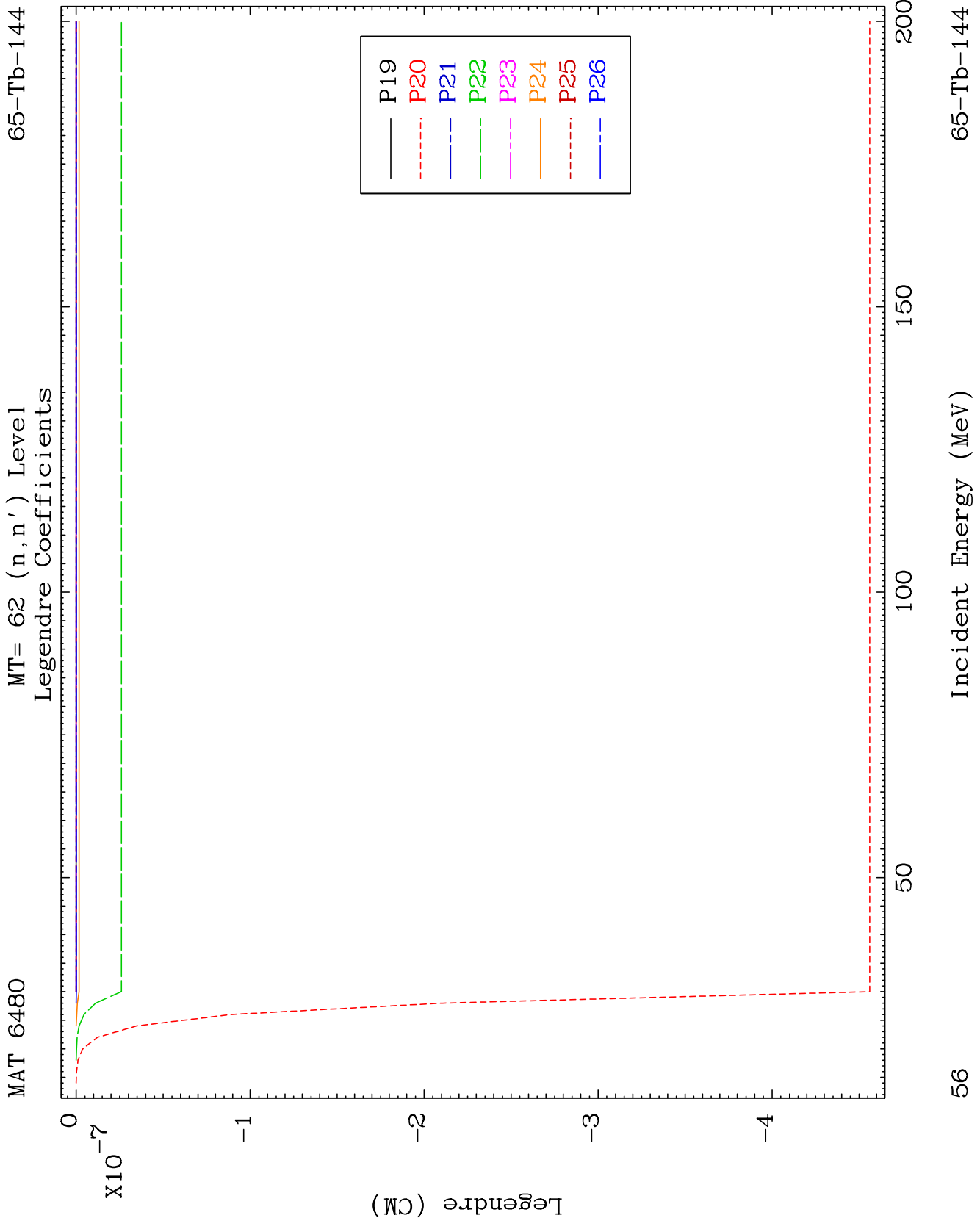
65-Tb-144



55

Incident Energy (MeV)

65-Tb-144

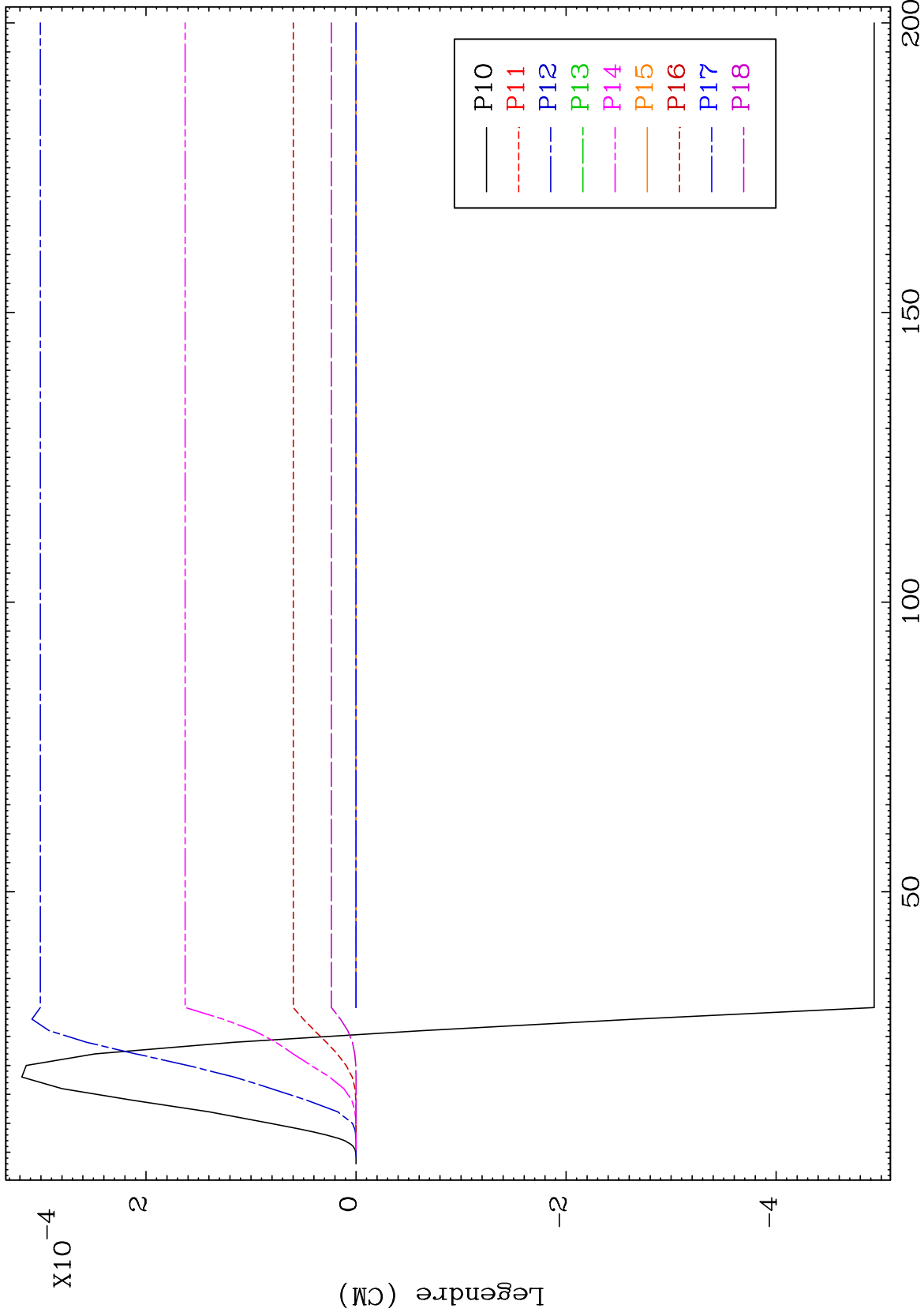


MAT 6480

MT= 63 (n,n') Level

65-Tb-144

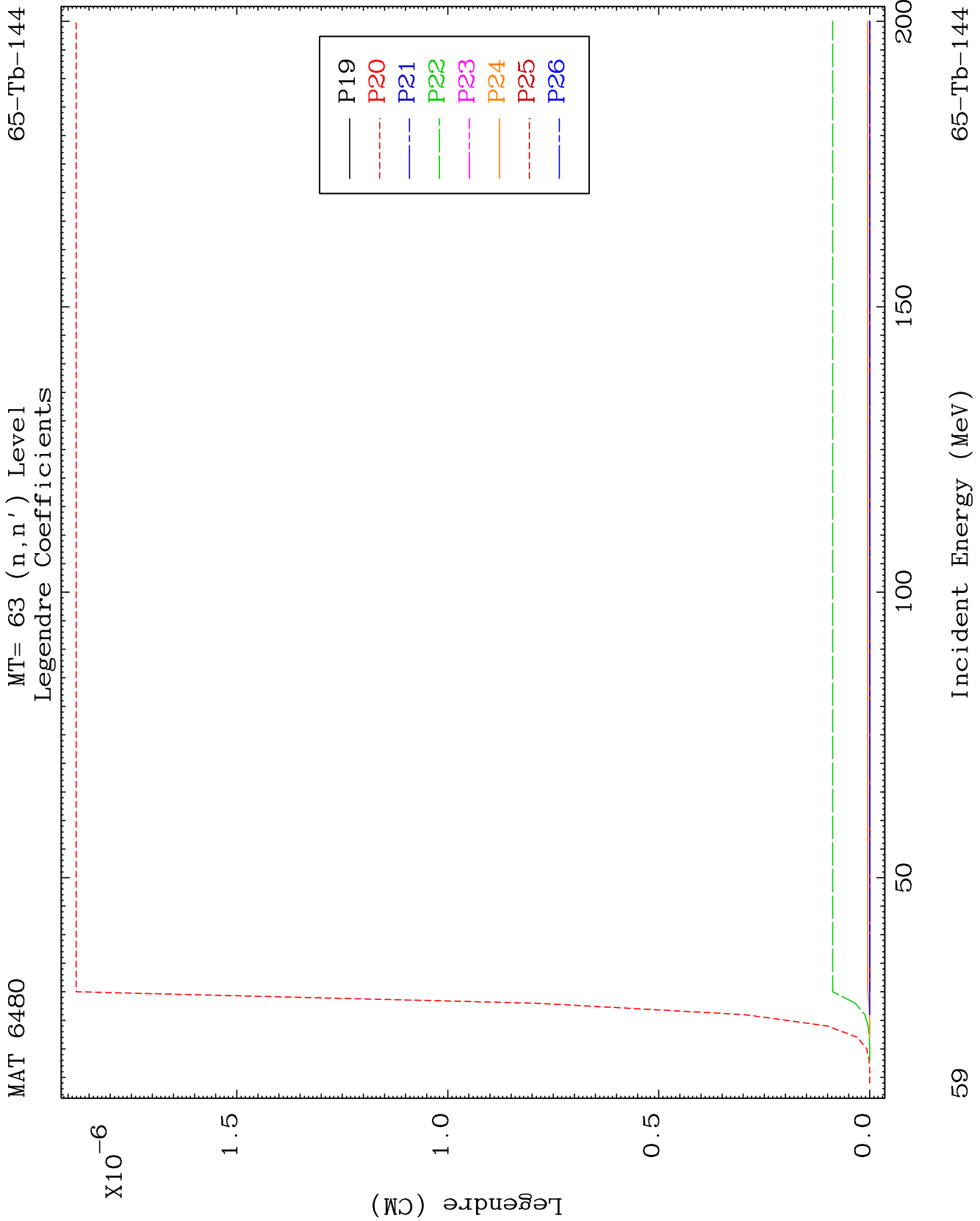
Legendre Coefficients

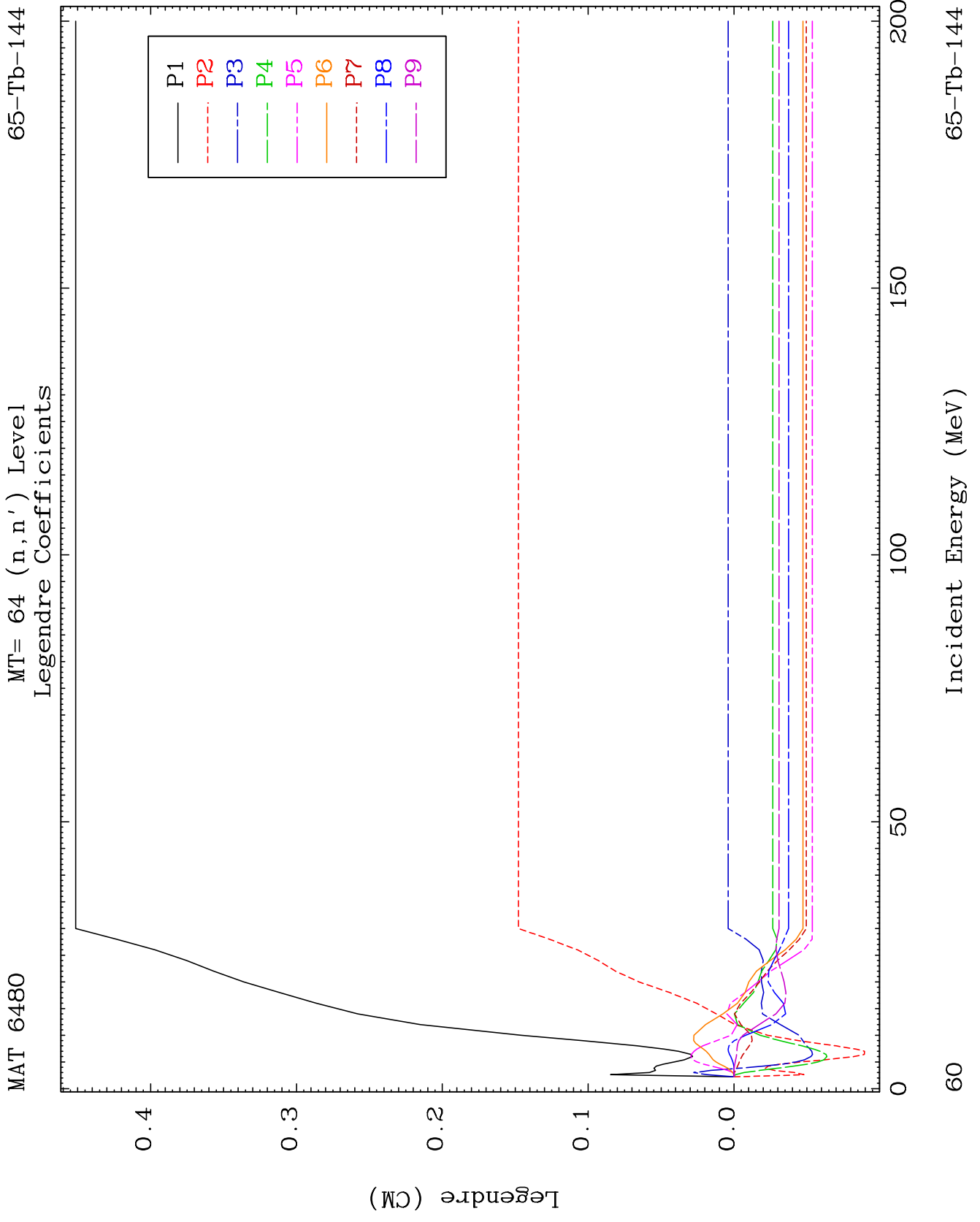


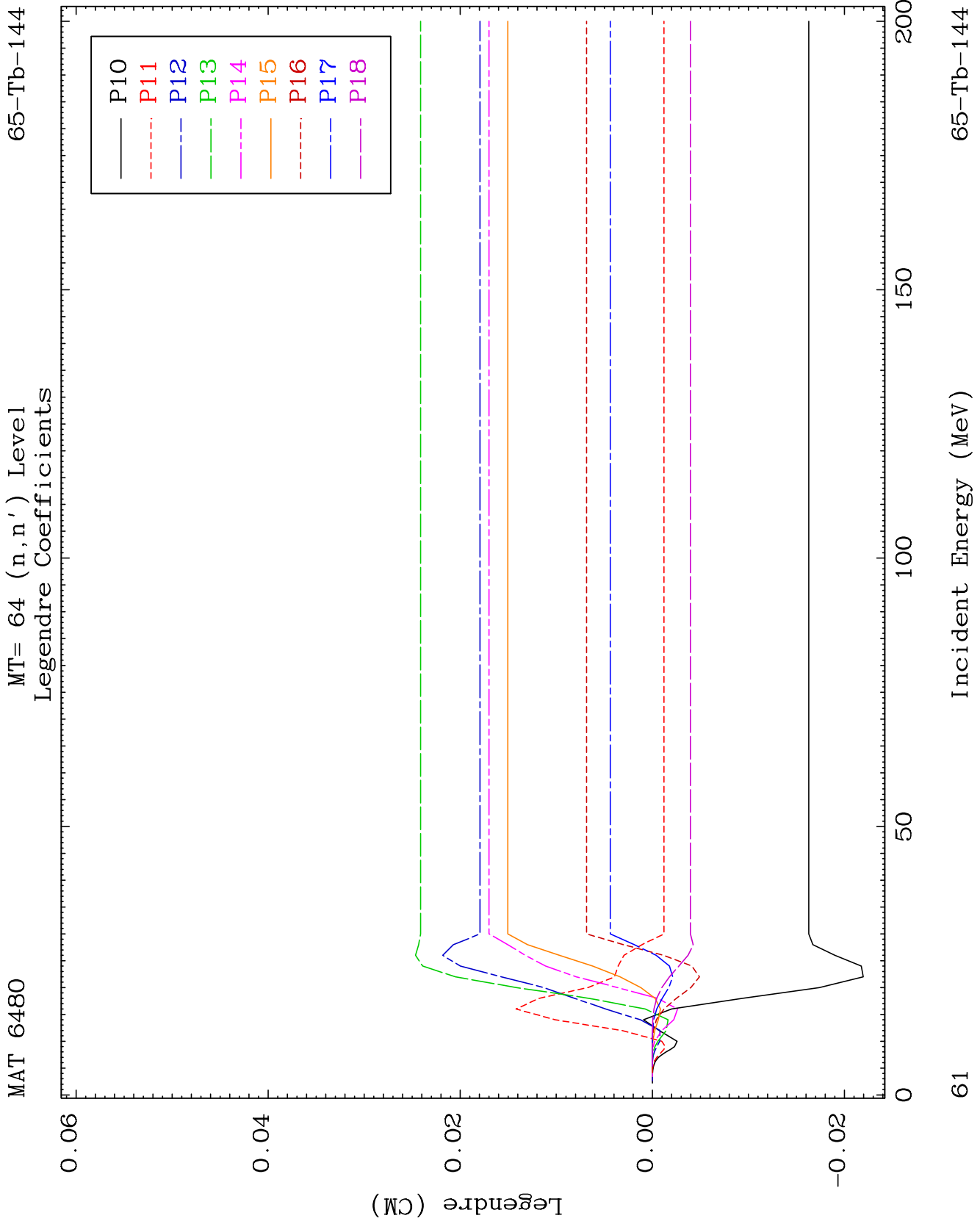
58

Incident Energy (MeV)

65-Tb-144



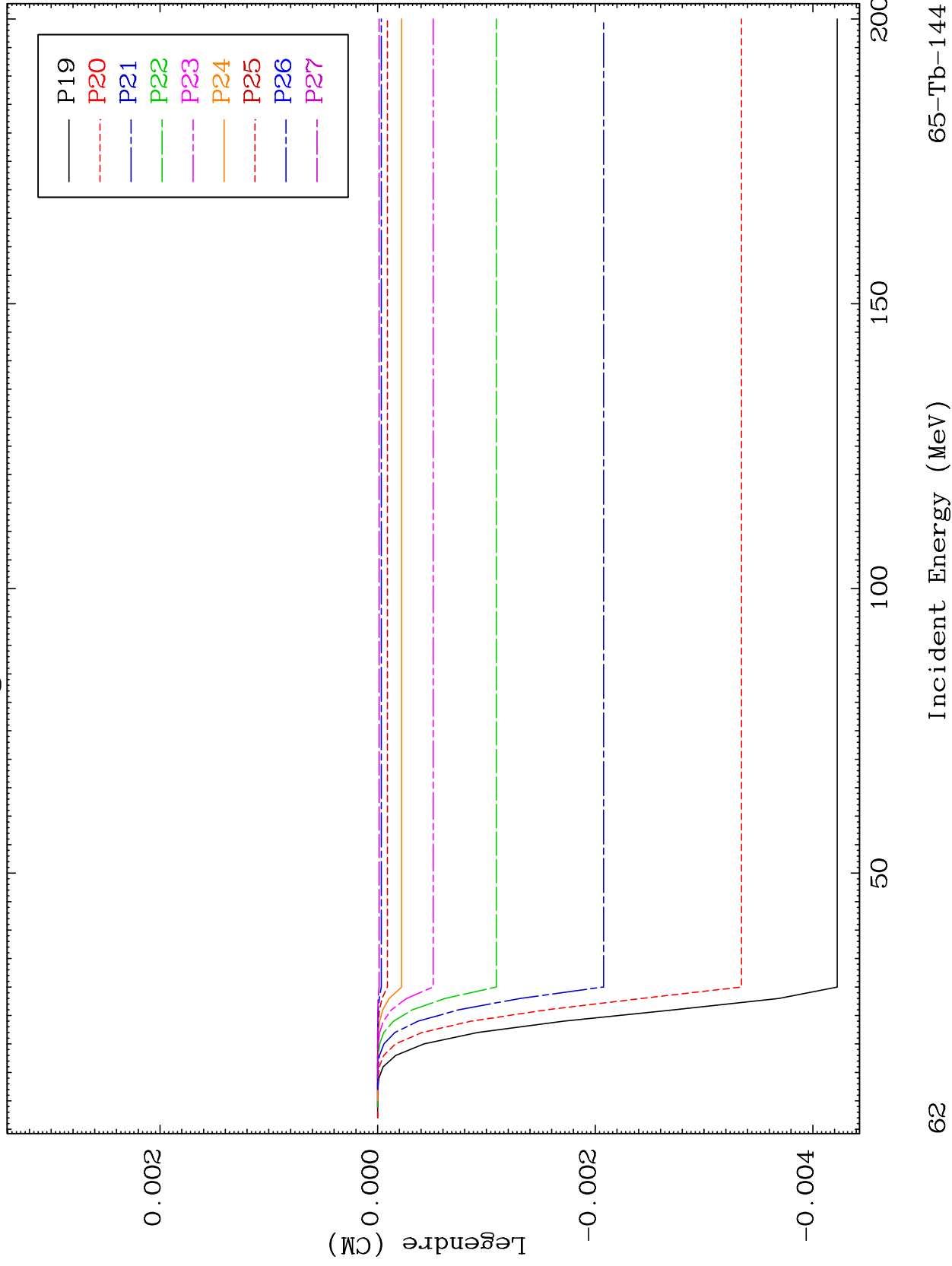




MAT 6480

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

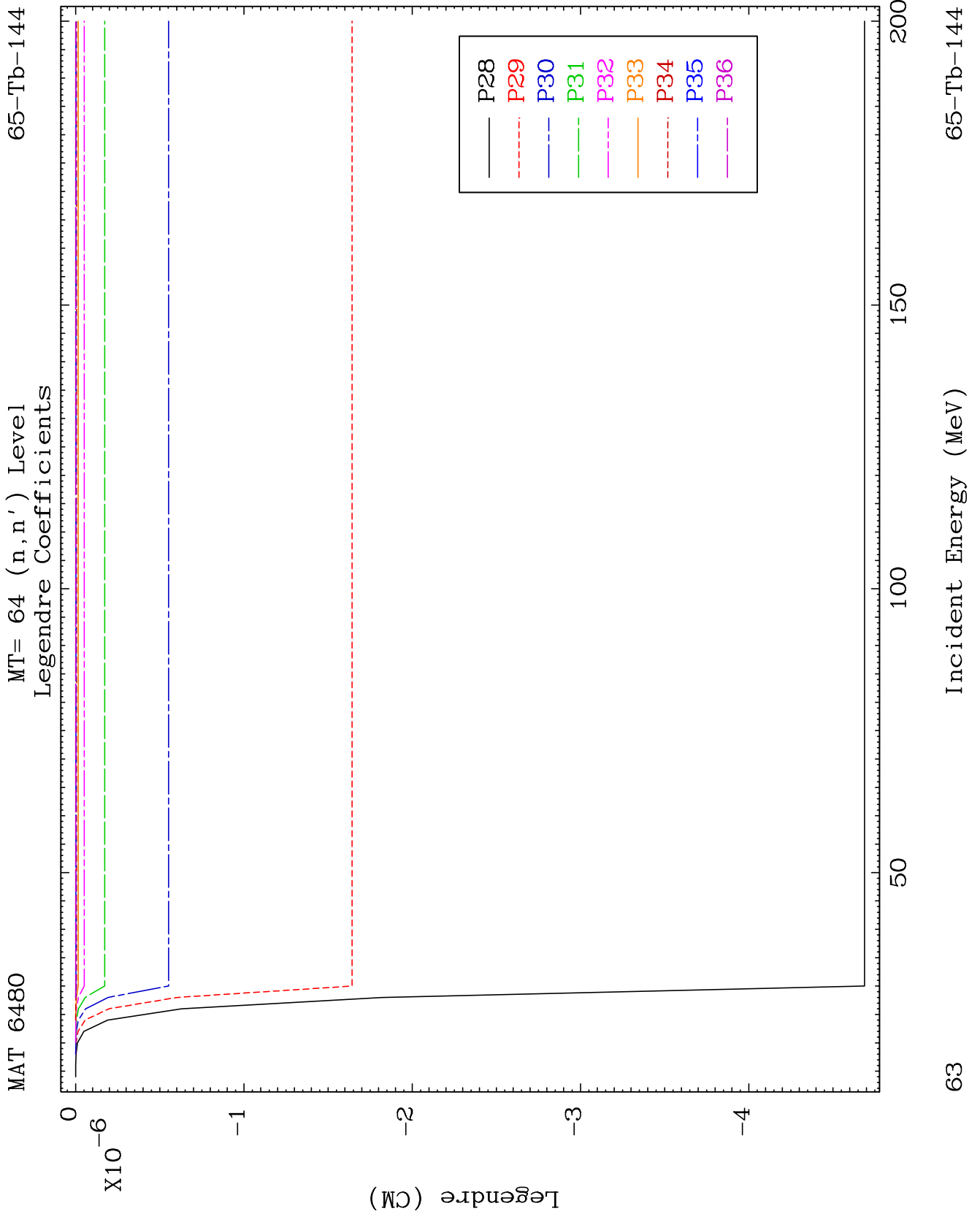
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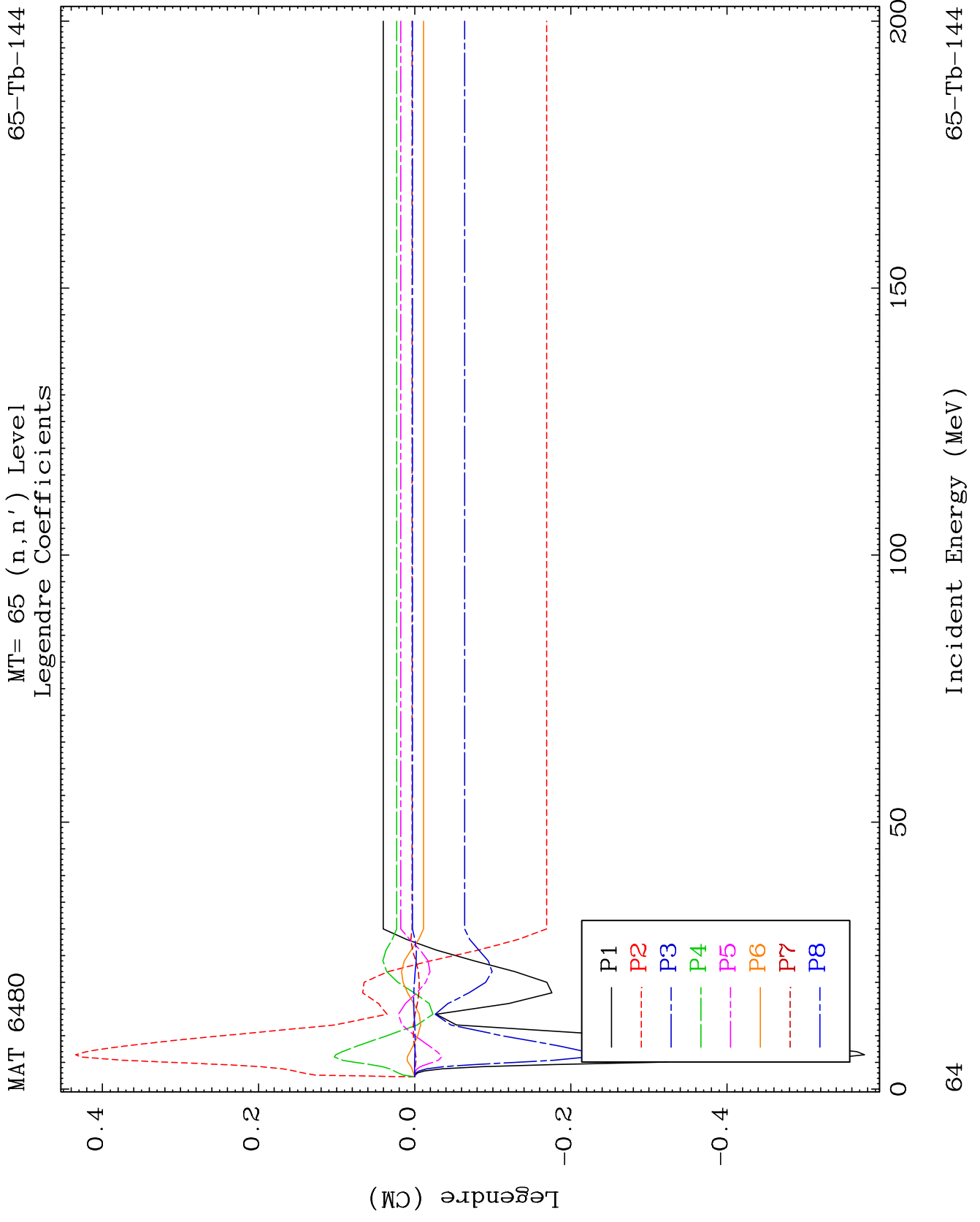


62

Incident Energy (MeV)

65-Tb-144

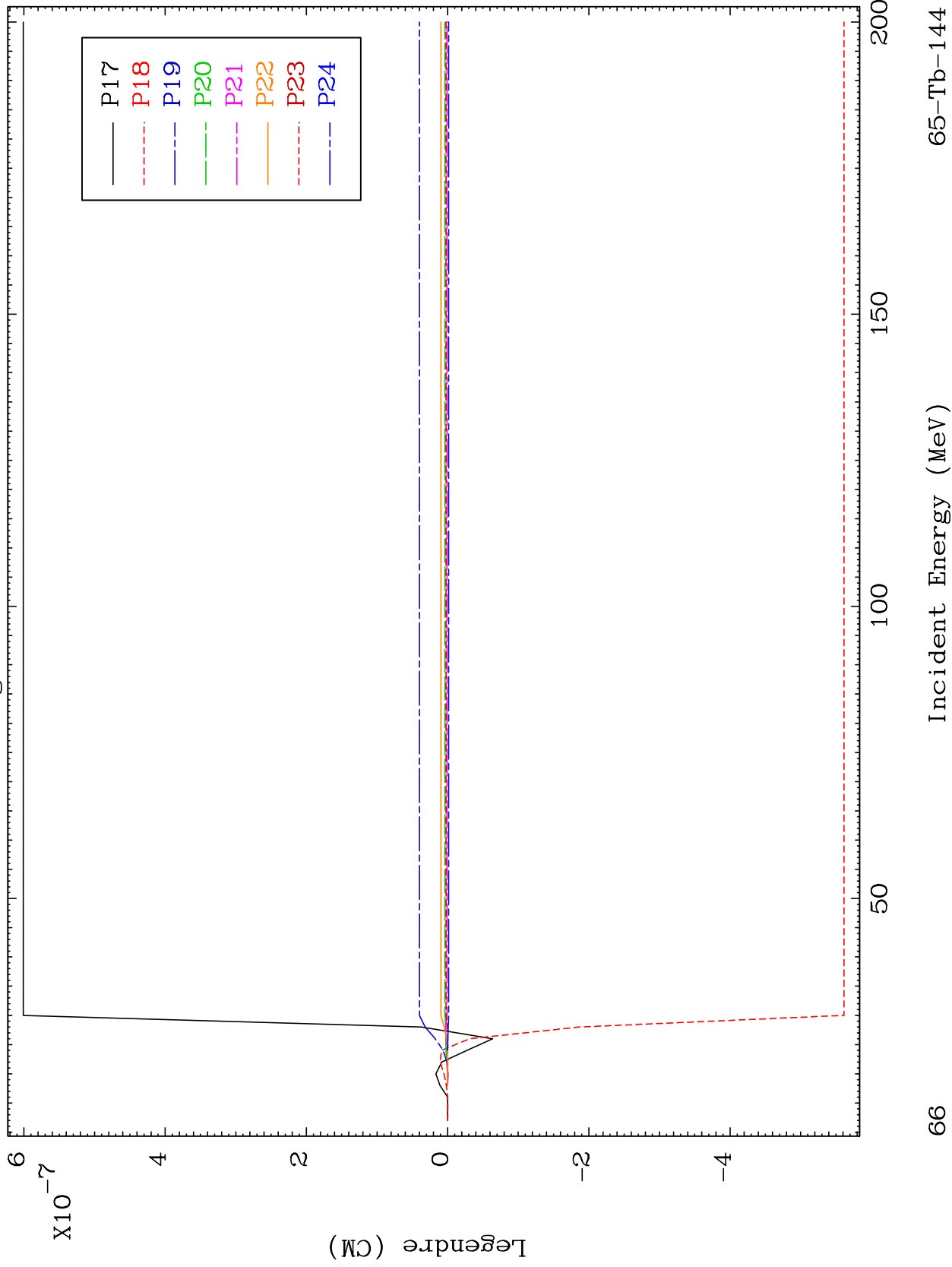




MAT 6480

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

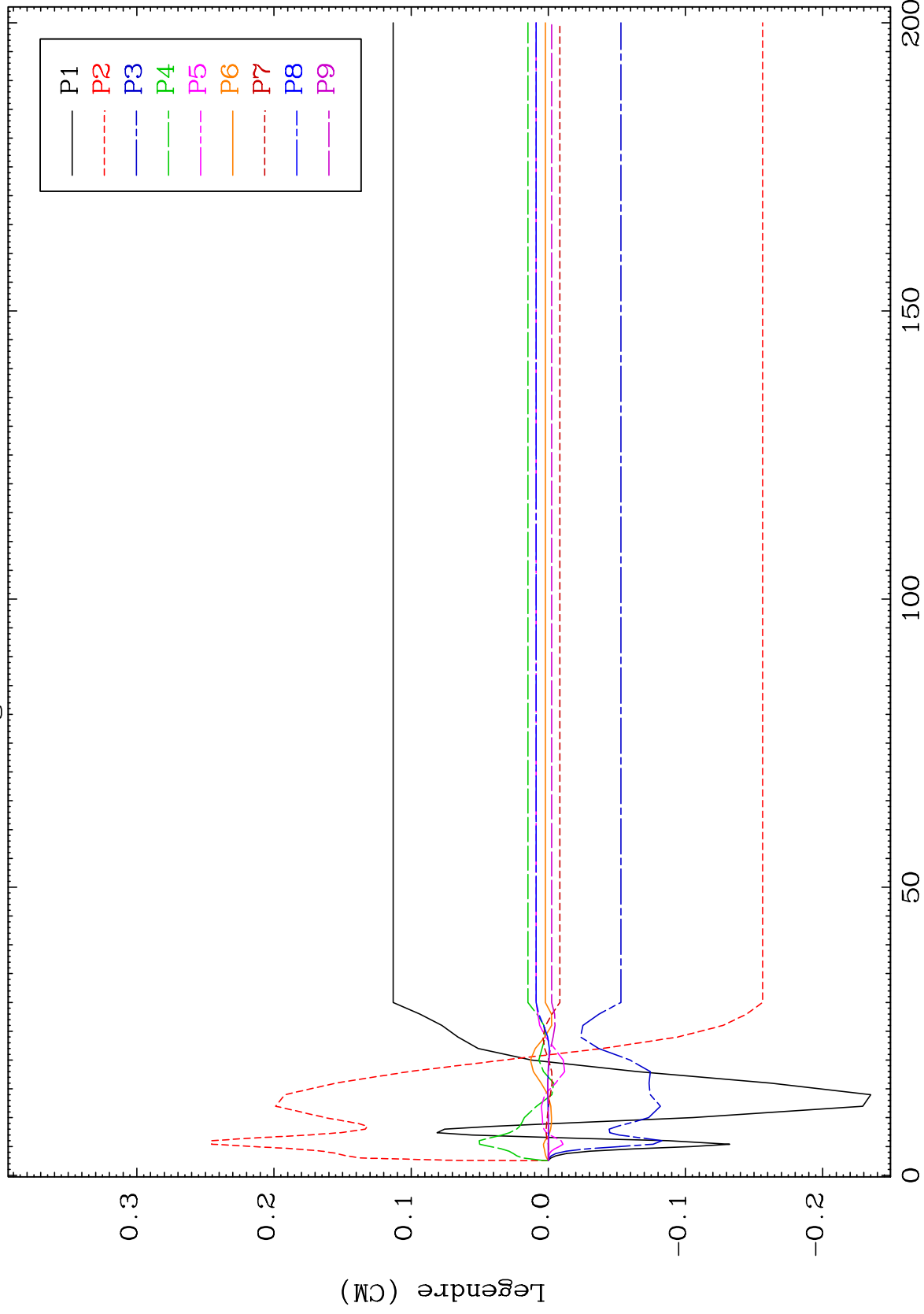
65-Tb-144



MAT 6480

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

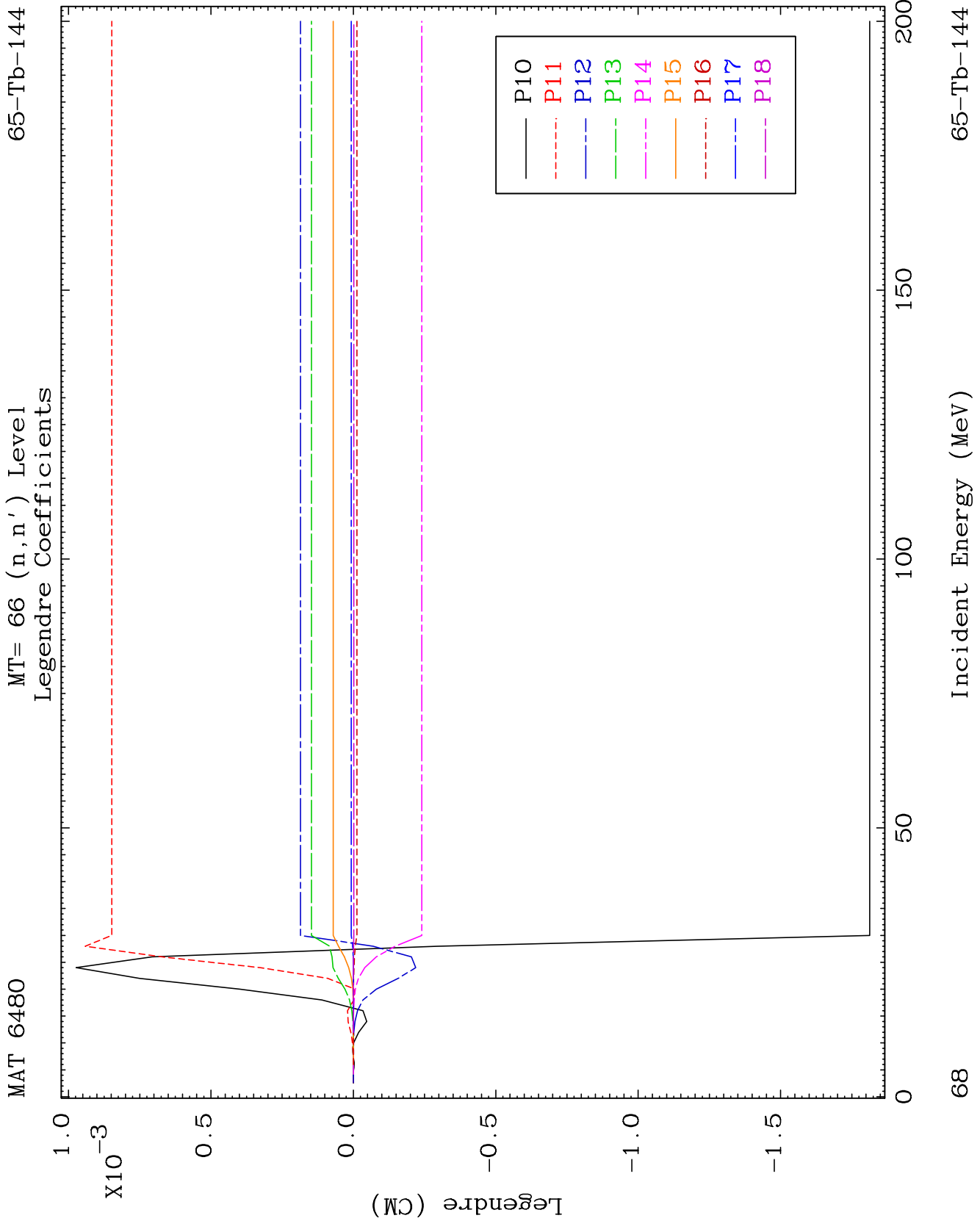
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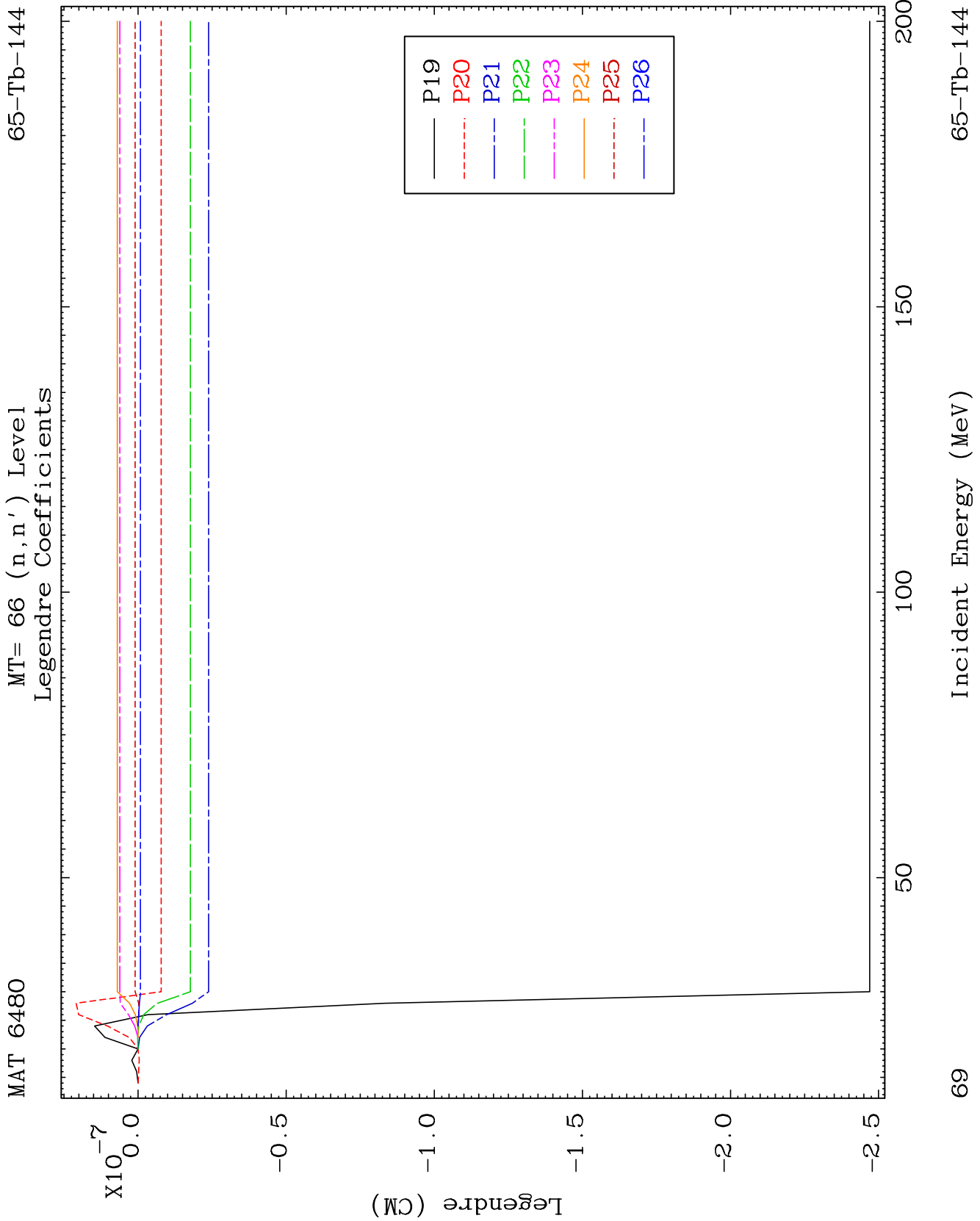


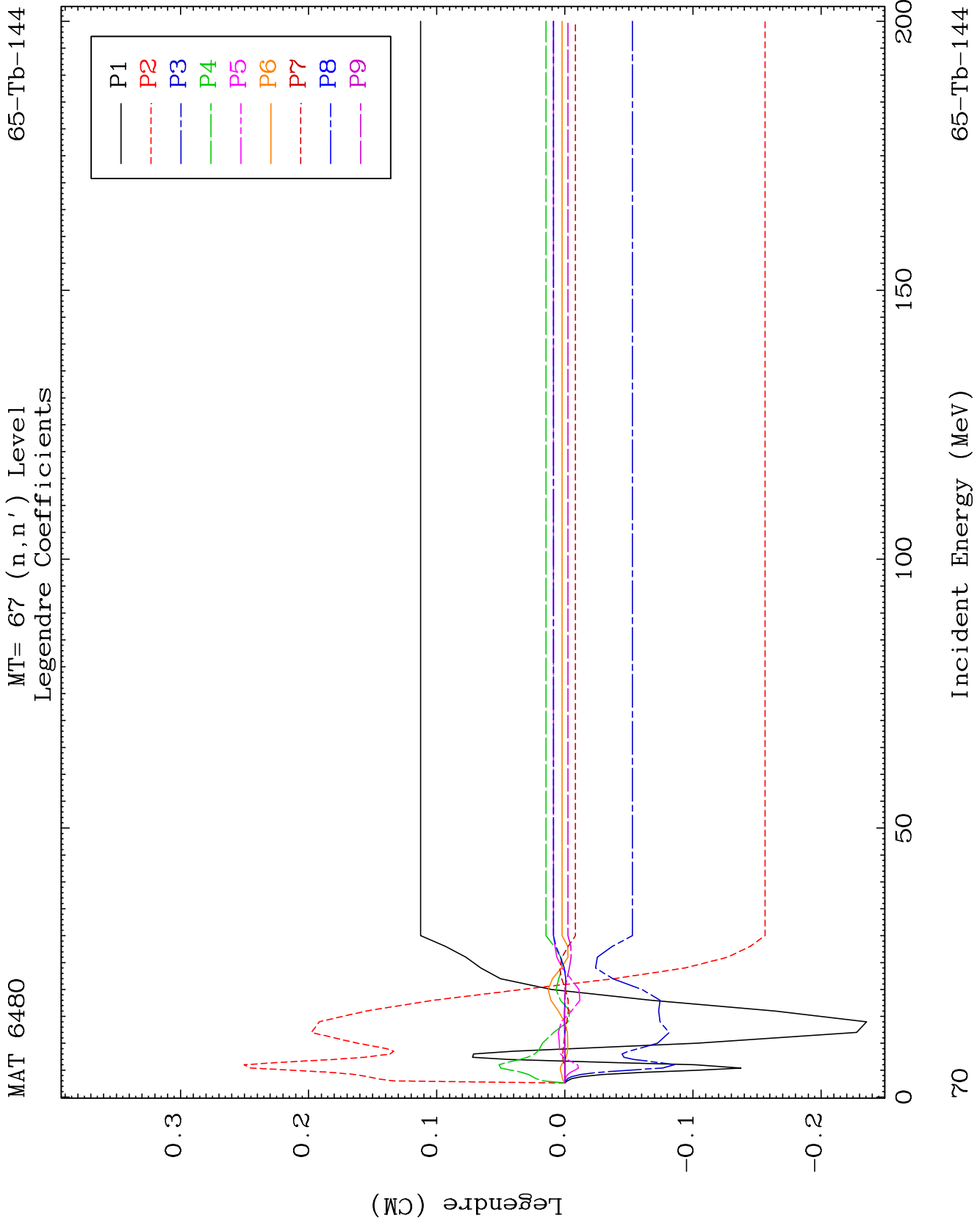
67

Incident Energy (MeV)

65-Tb-144



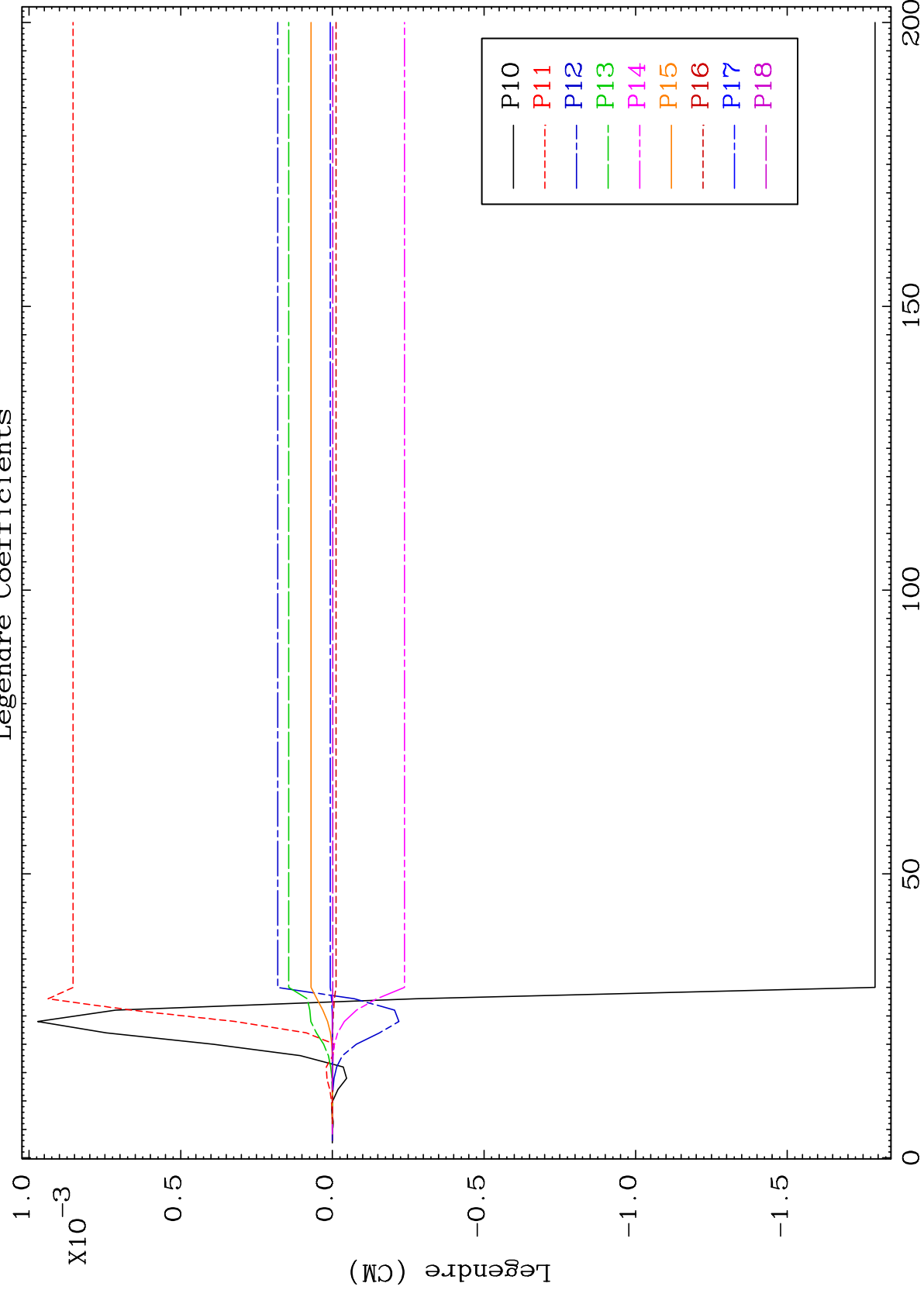




MAT 6480

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

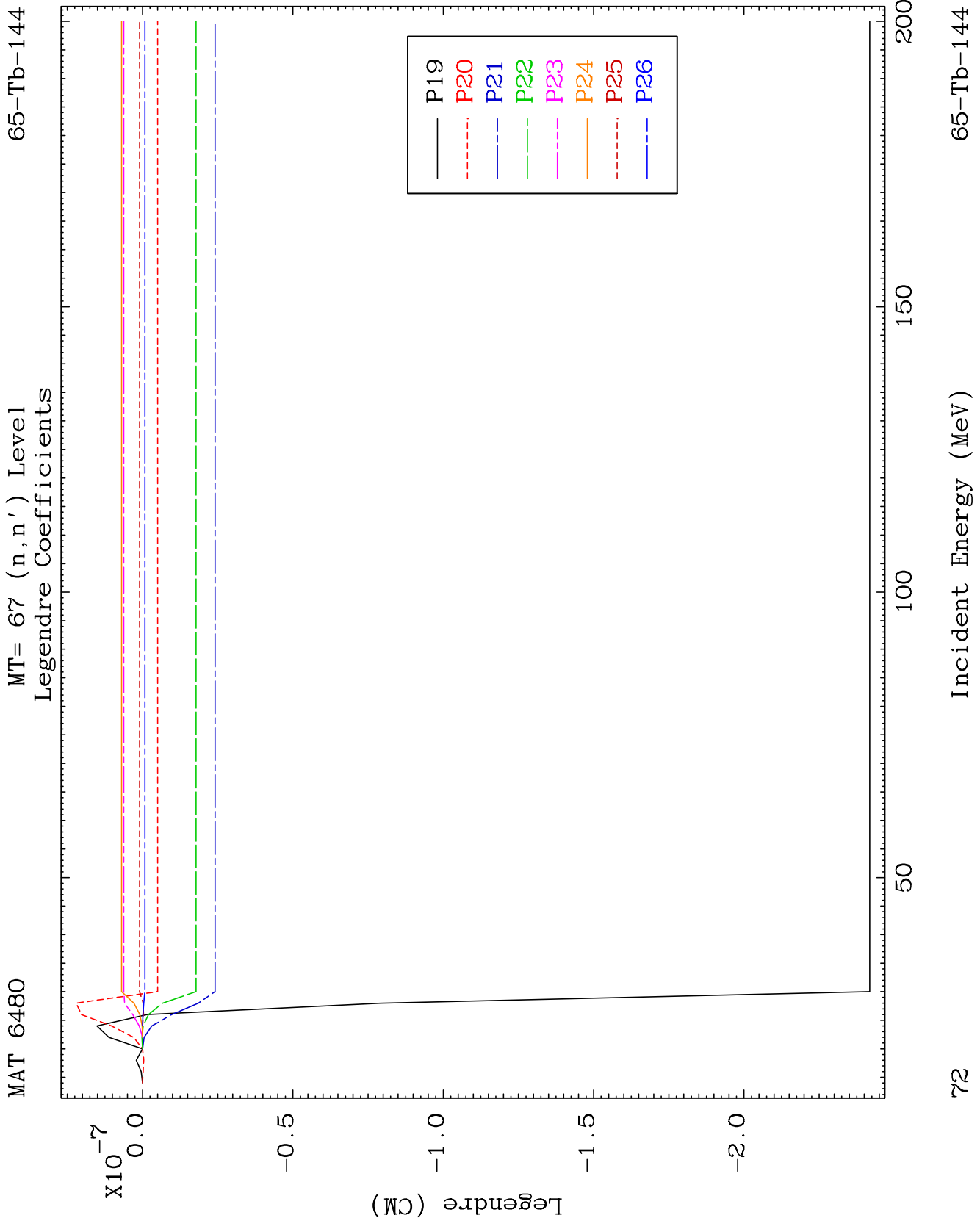
65-Tb-144



71

Incident Energy (MeV)

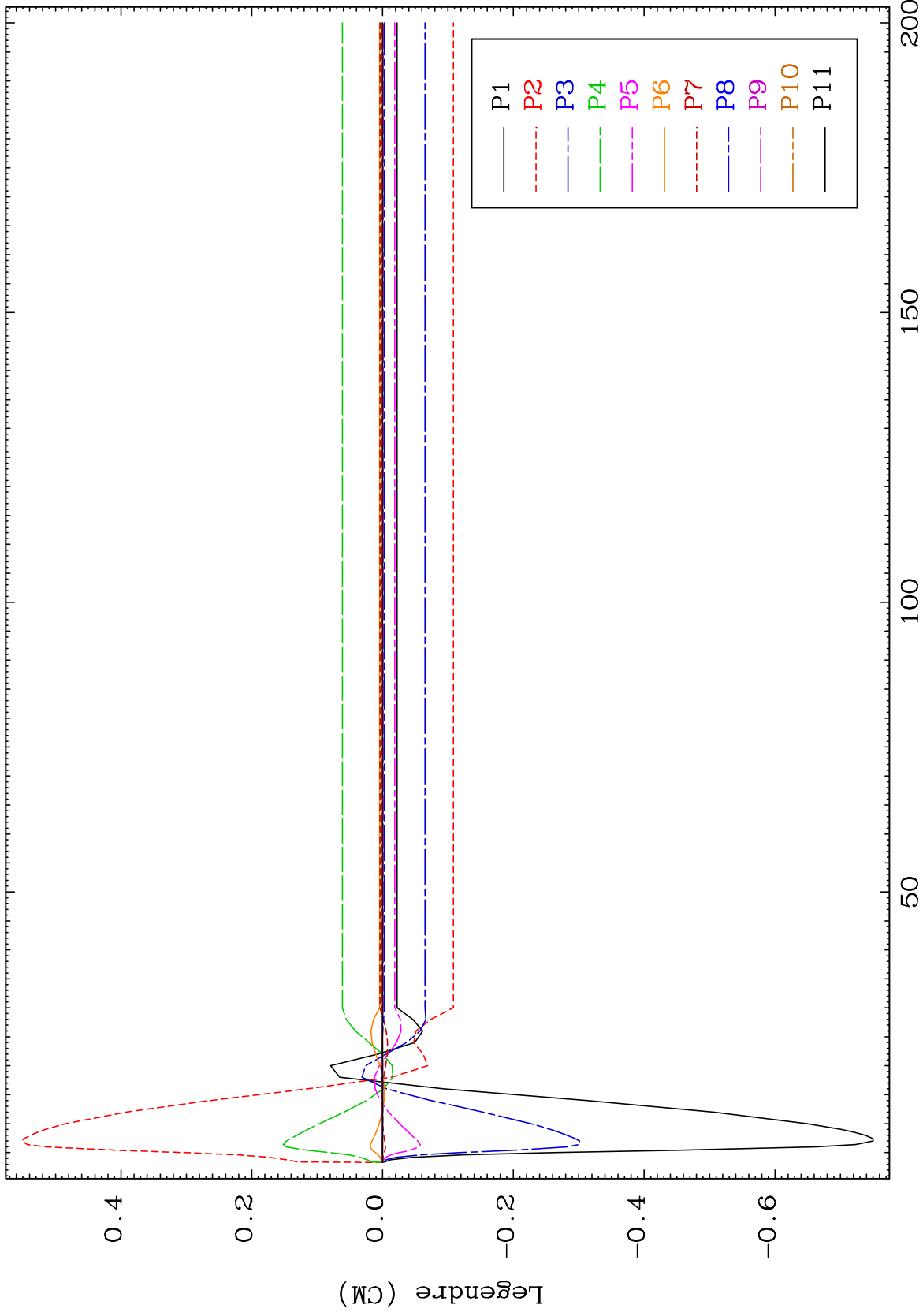
65-Tb-144



MAT 6480

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

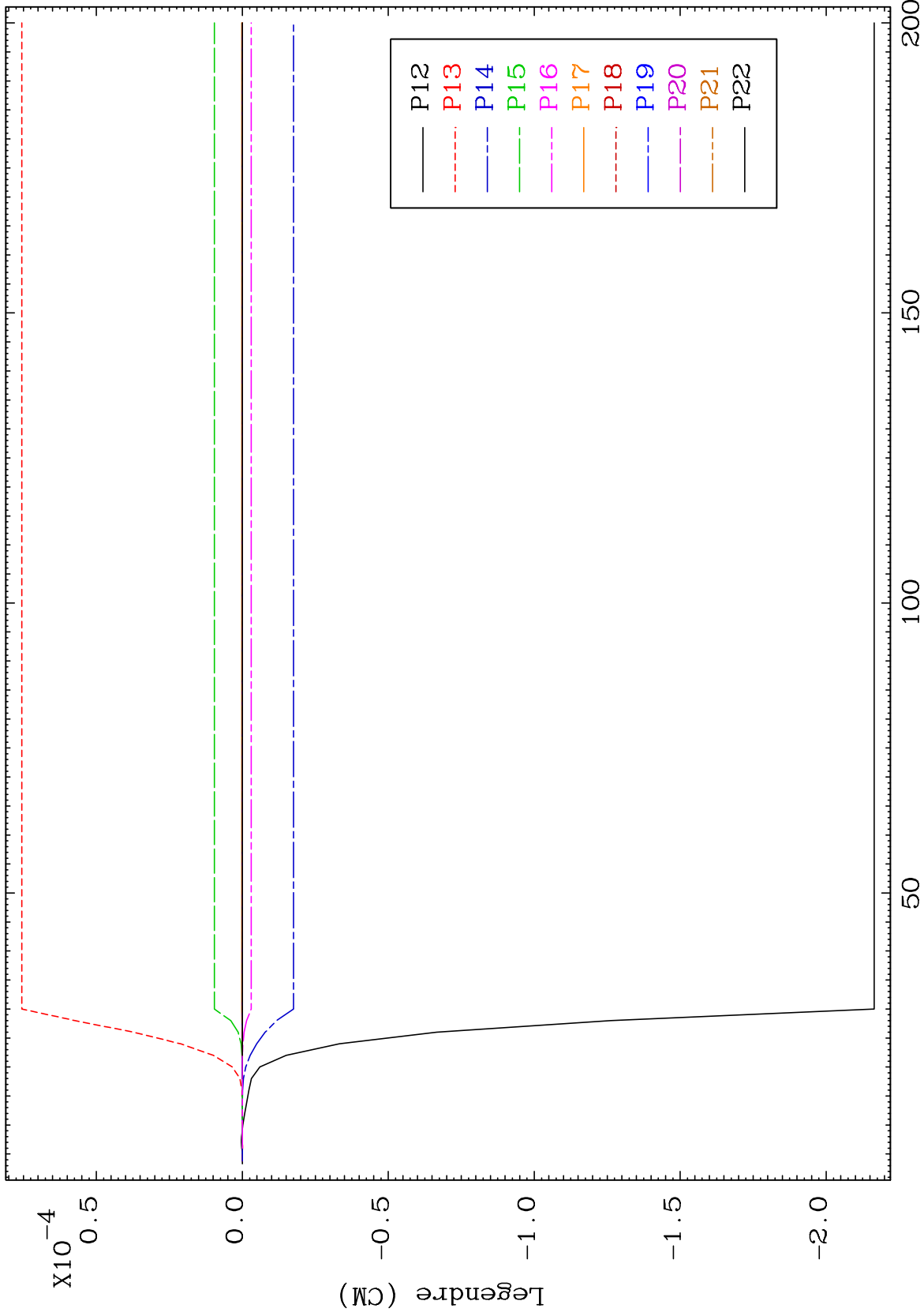
65-Tb-144

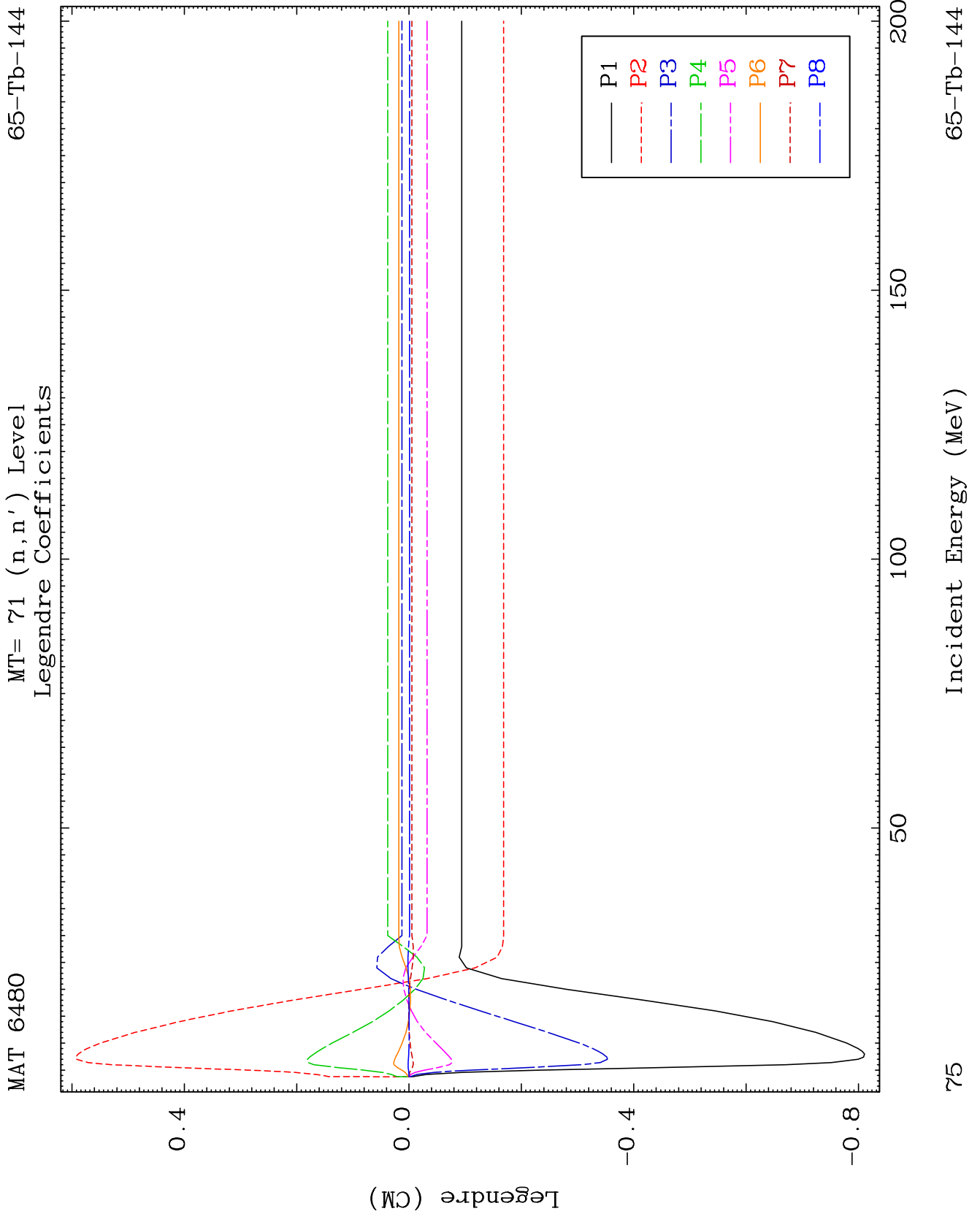


73

Incident Energy (MeV)

65-Tb-144

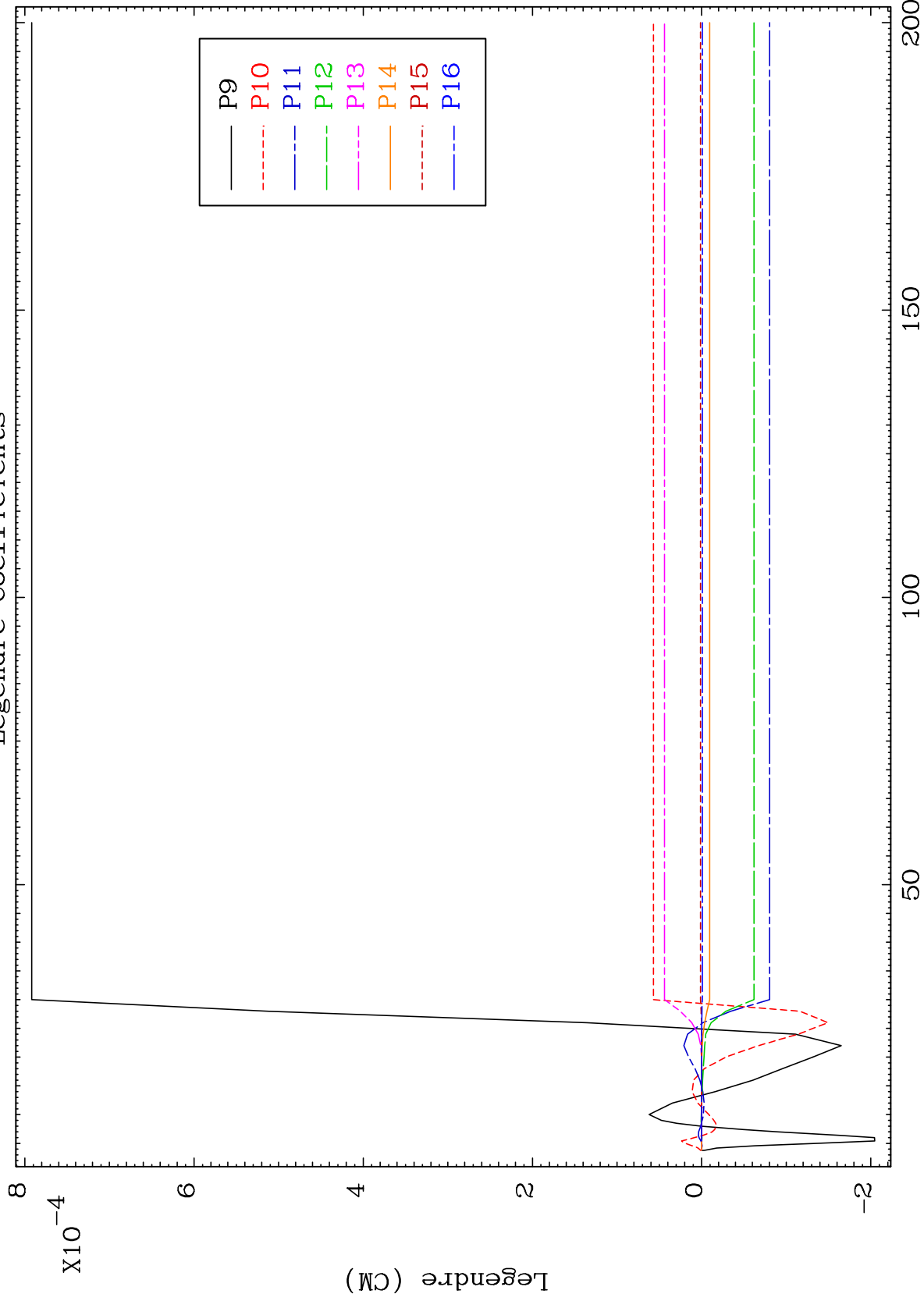




MAT 6480

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

65-Tb-144



76

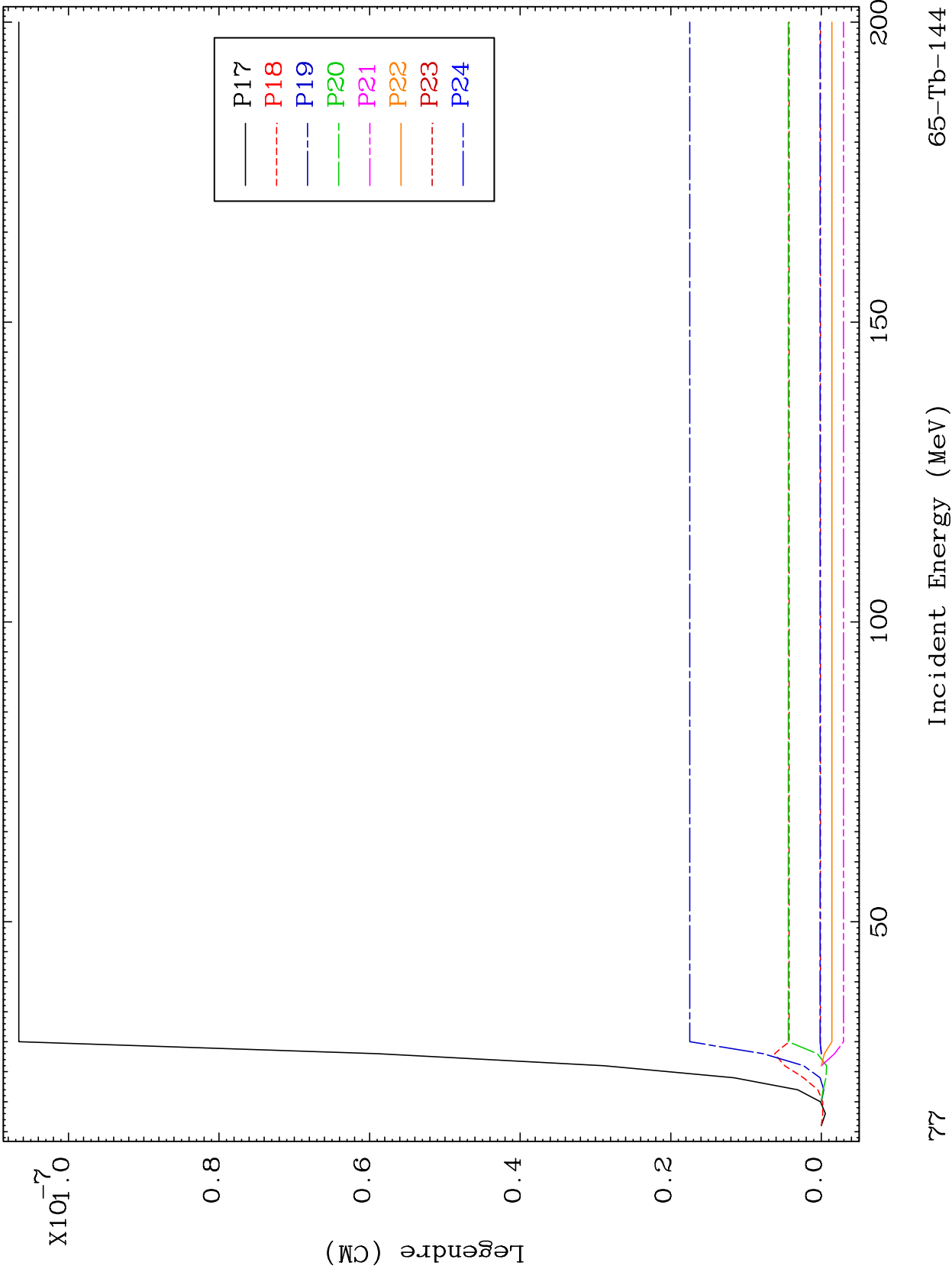
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

65-Tb-144



77

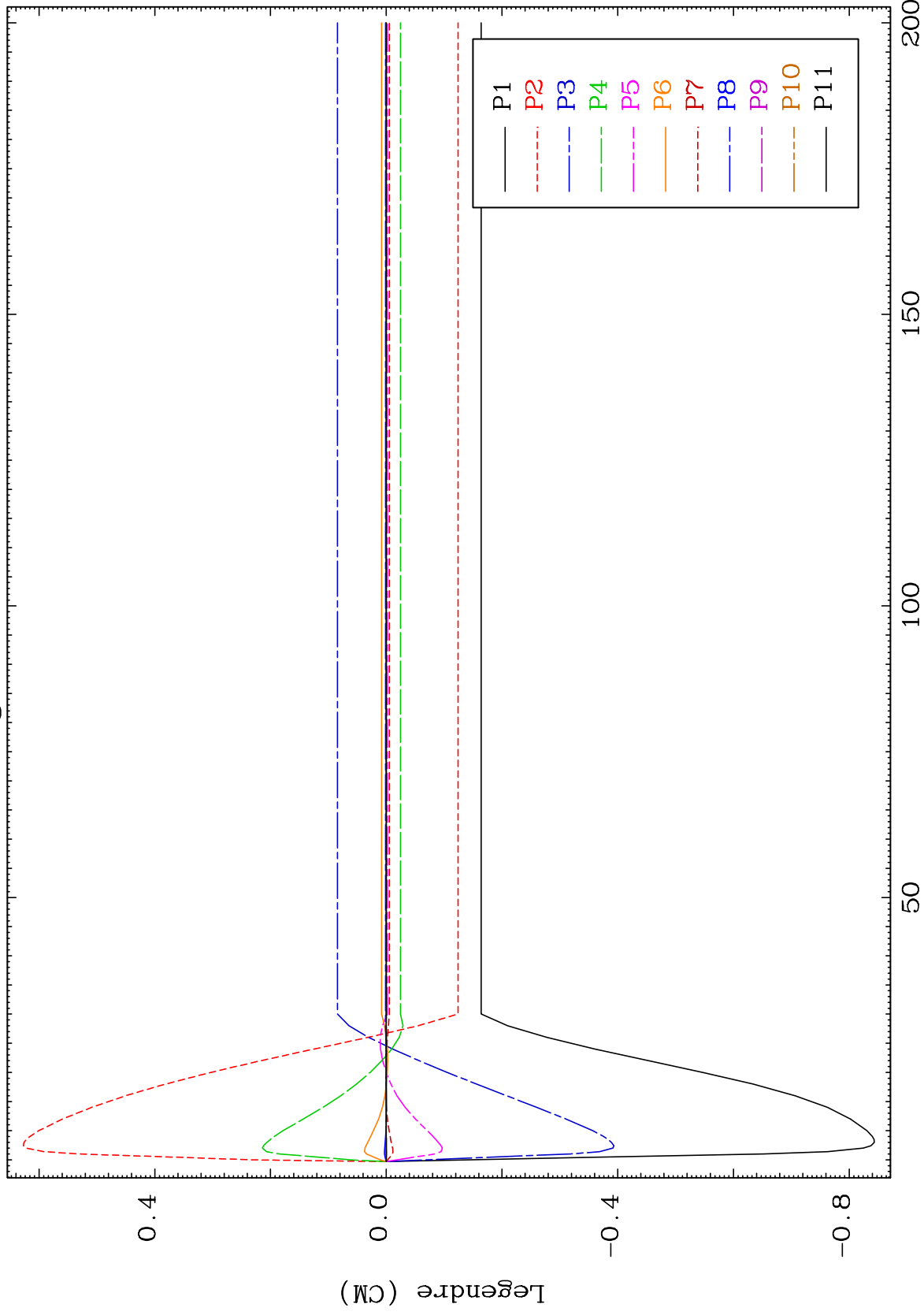
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

65-Tb-144



78

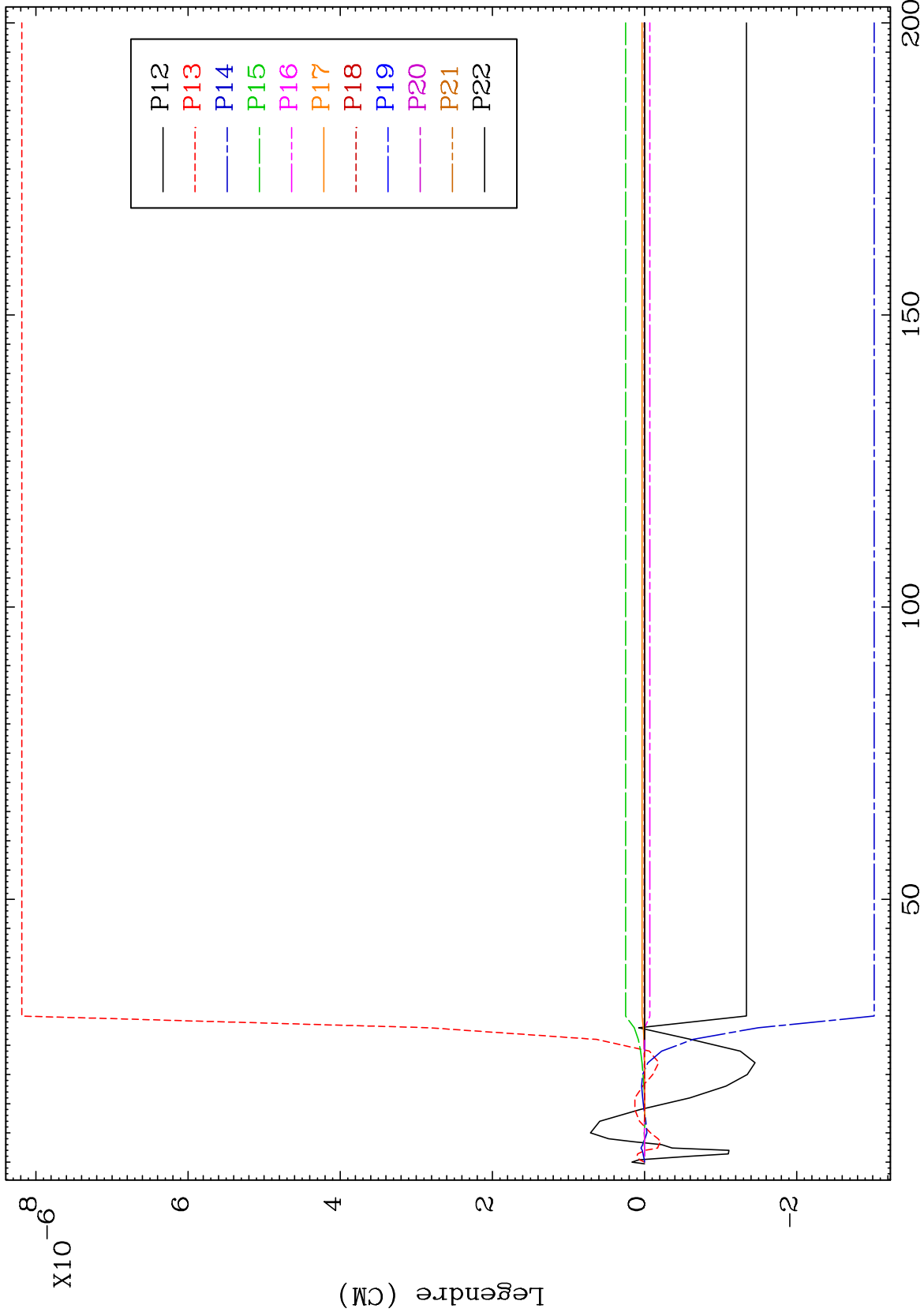
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

65-Tb-144



79

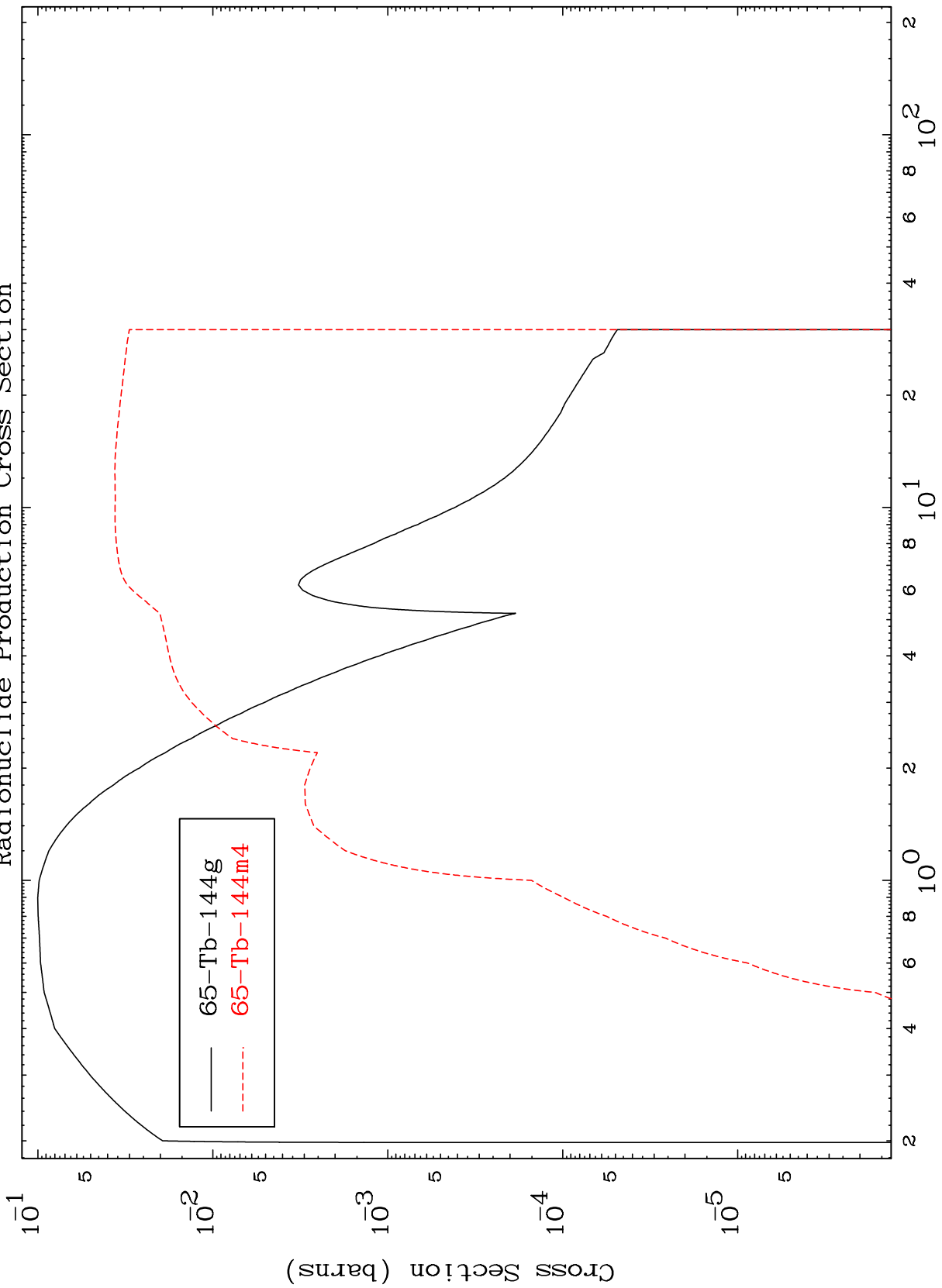
Incident Energy (MeV)

65-Tb-144

MAT 6480

65-Tb-144

Inelastic
Radionuclide Production Cross Section



80

Incident Energy (MeV)

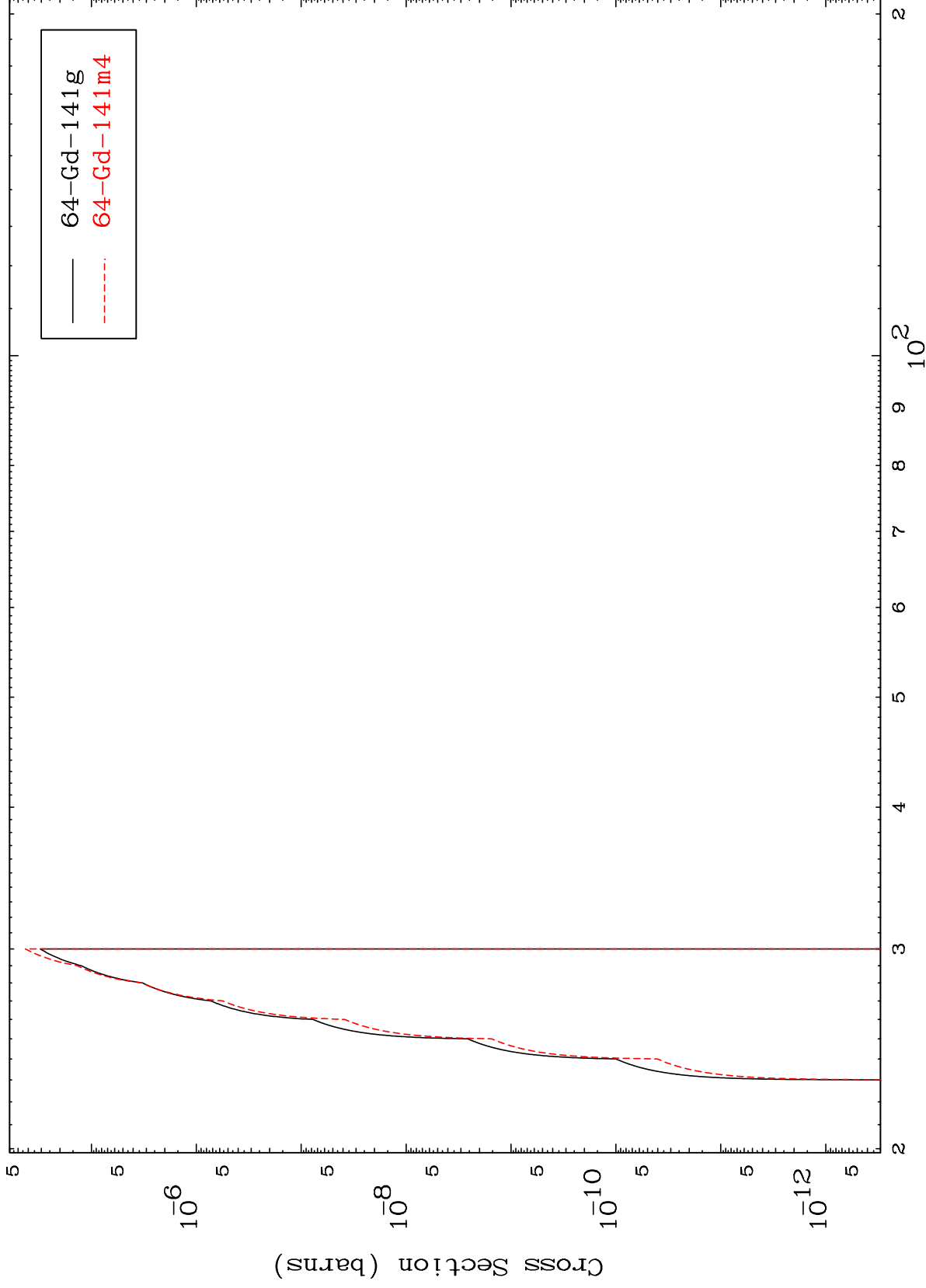
65-Tb-144

MAT 6480

(n,2n) d

65-Tb-144

Radionuclide Production Cross Section



81

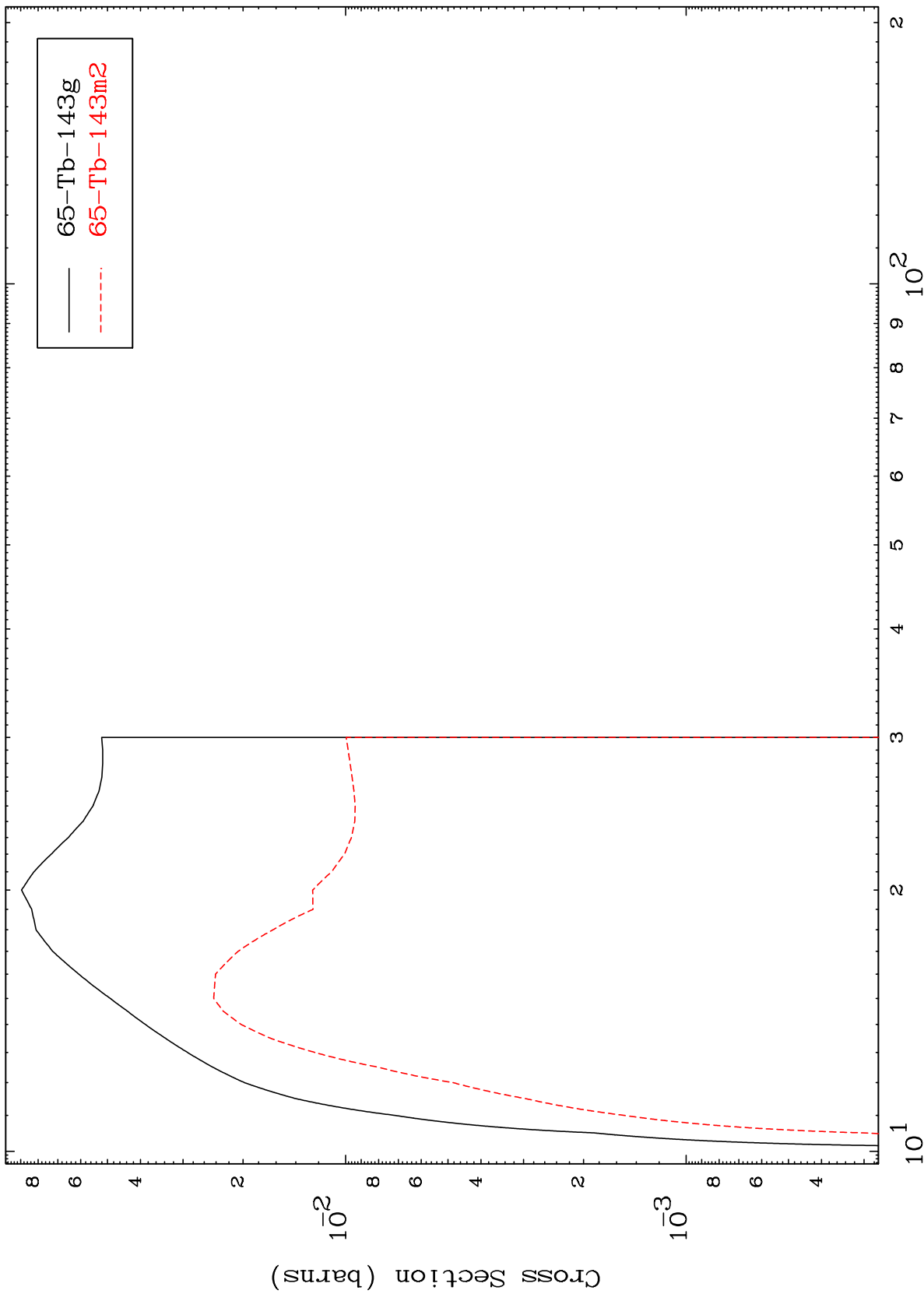
Incident Energy (MeV)

65-Tb-144

MAT 6480

65-Tb-144

(n,2n)
Radionuclide Production Cross Section



65-Tb-144

Incident Energy (MeV)

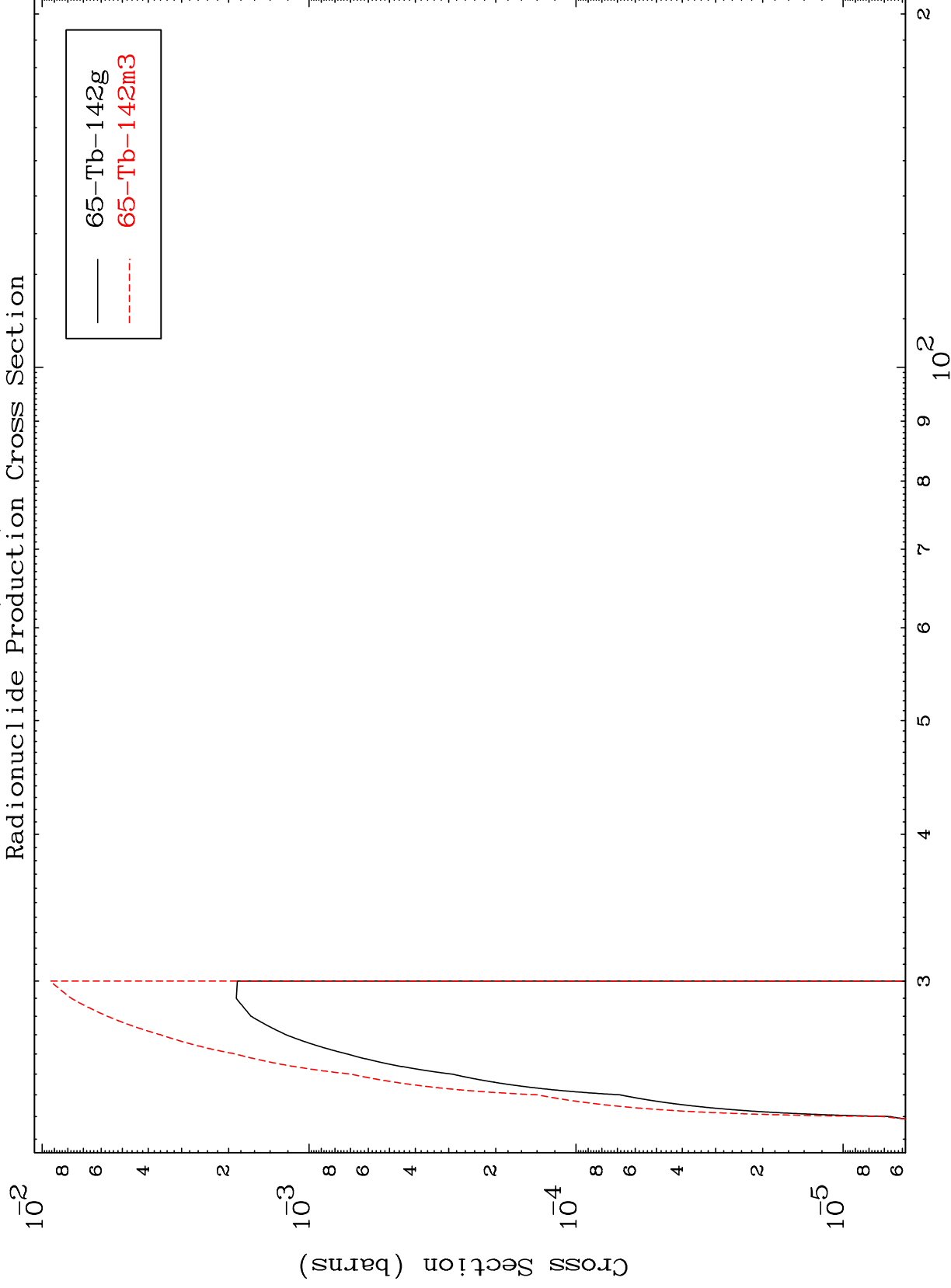
82

MAT 6480

(n,3n)

65-Tb-144

Radionuclide Production Cross Section



83

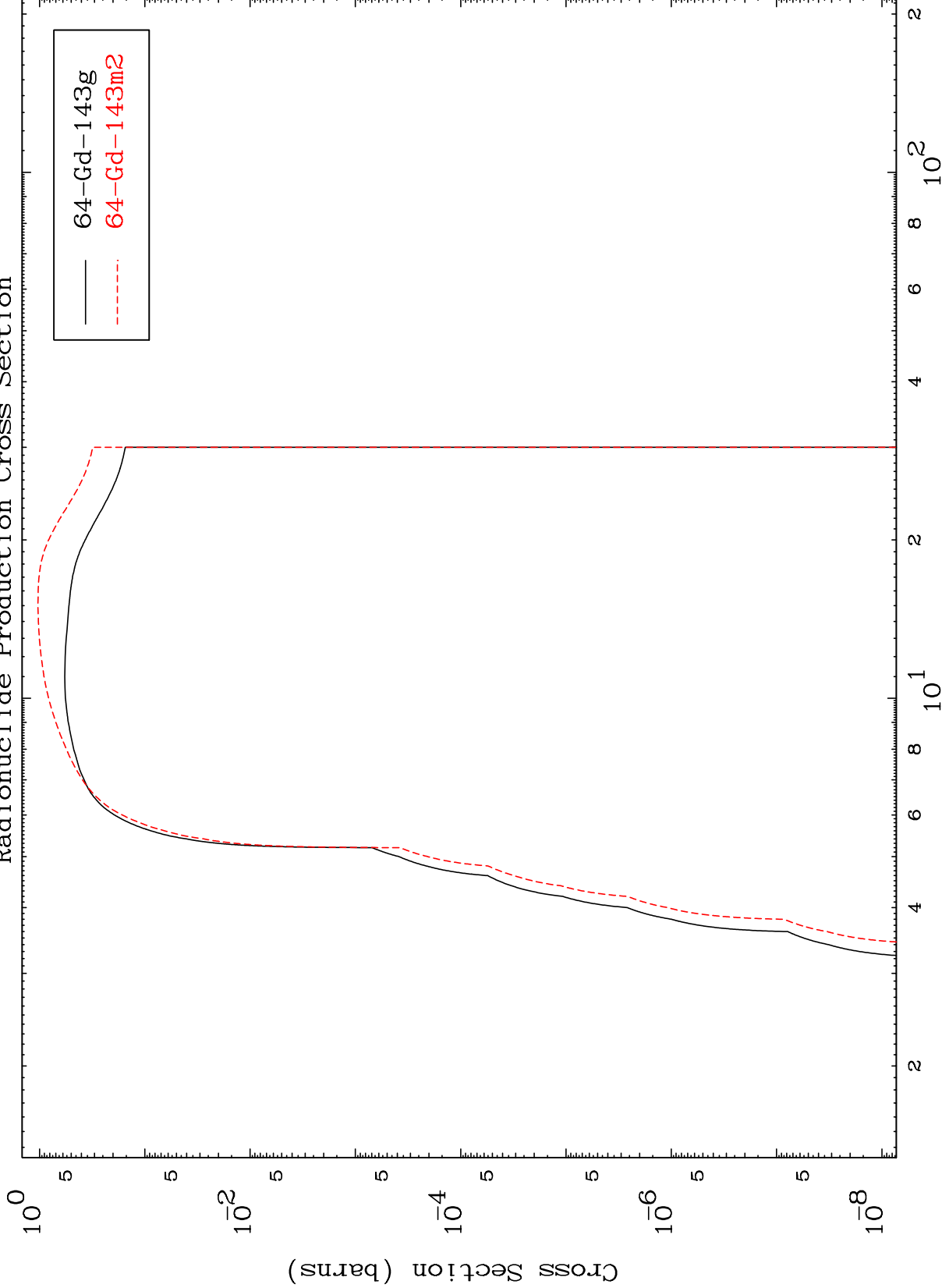
Incident Energy (MeV)

65-Tb-144

MAT 6480

65-Tb-144

(n,n') p
Radionuclide Production Cross Section



84

Incident Energy (MeV)

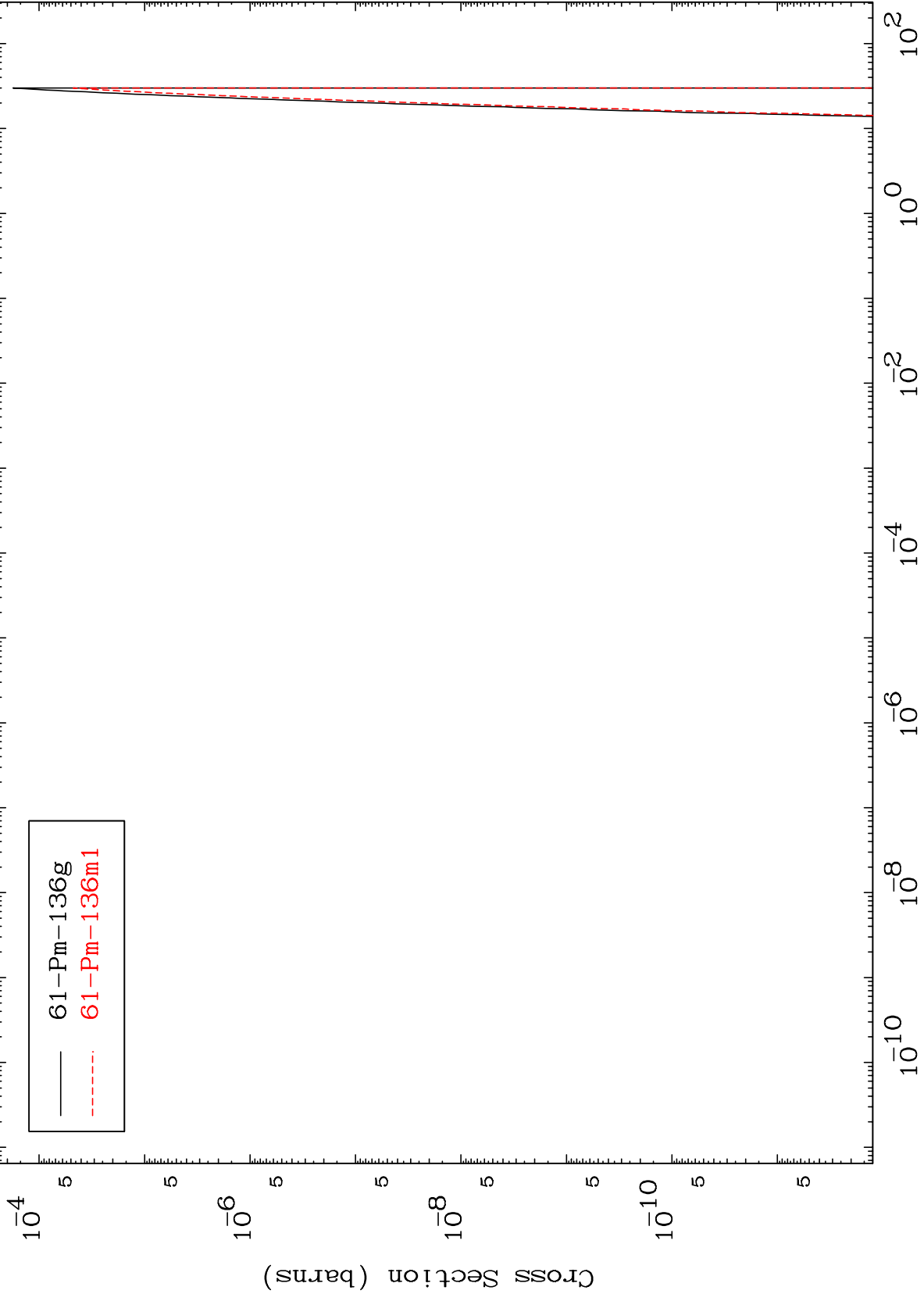
65-Tb-144

MAT 6480

(n,n') 2α

65-Tb-144

Radionuclide Production Cross Section



85

Incident Energy (MeV)

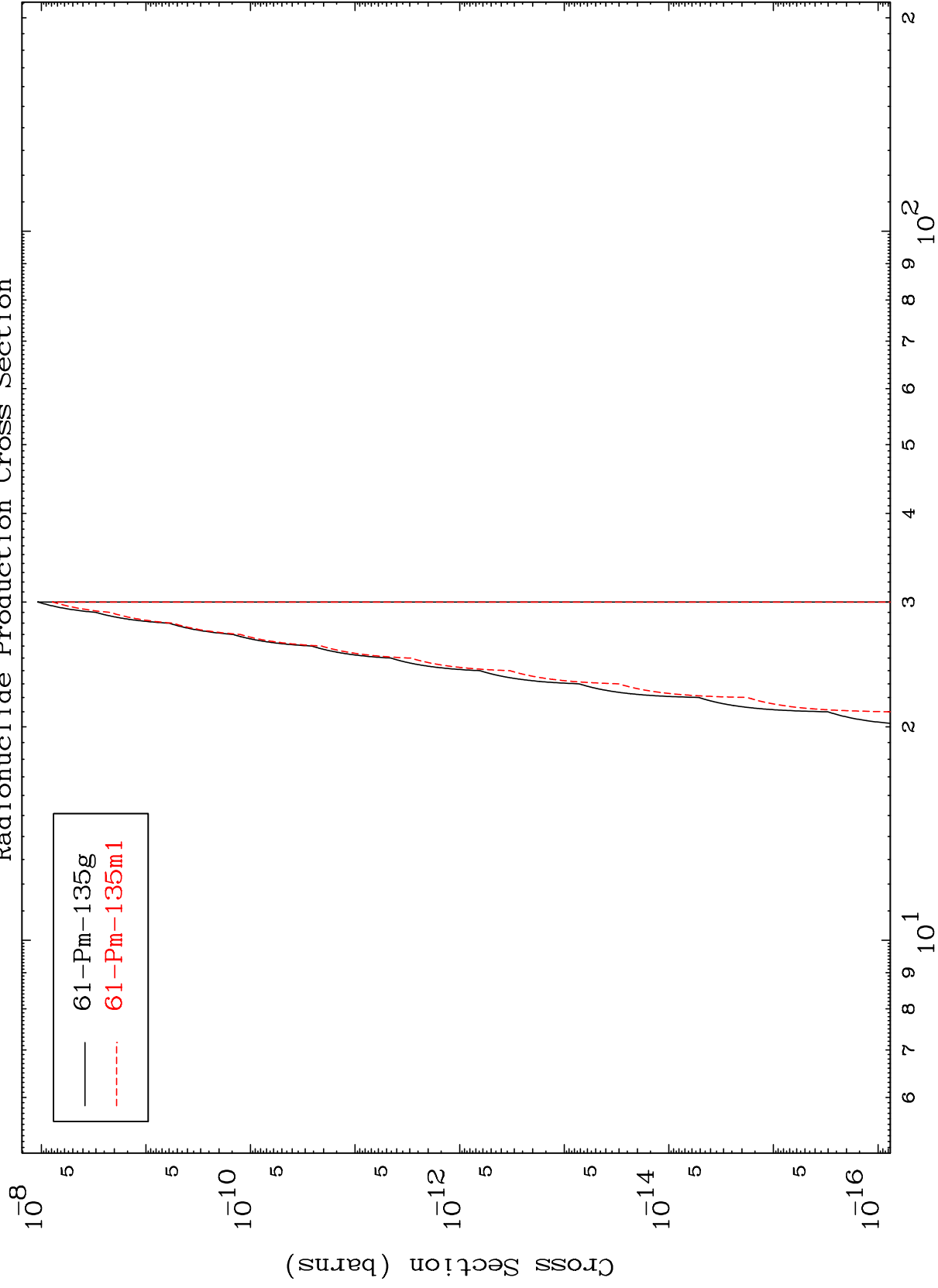
65-Tb-144

MAT 6480

(n,2n) 2 α

65-Tb-144

Radionuclide Production Cross Section



86

Incident Energy (MeV)

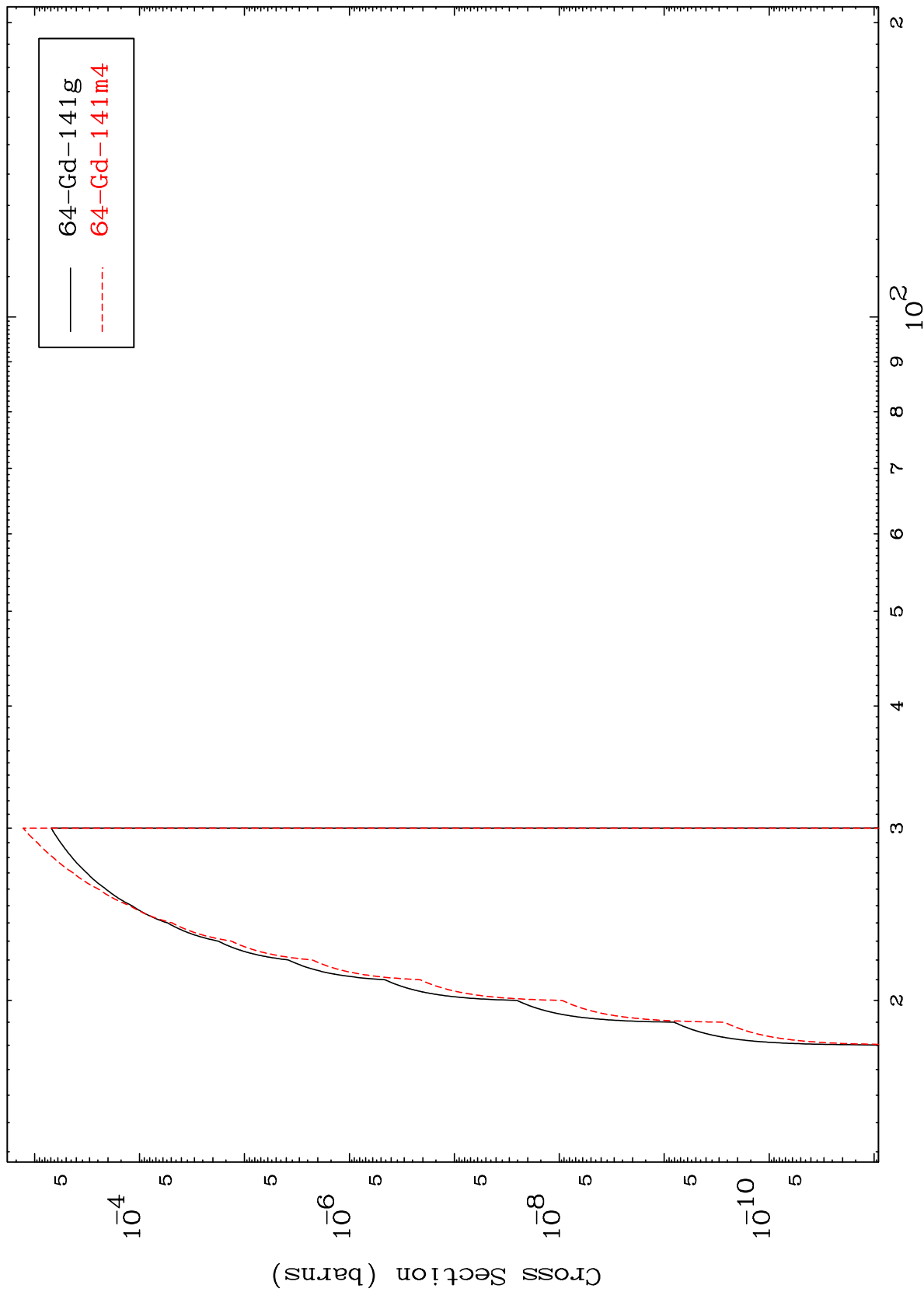
65-Tb-144

MAT 6480

(n,n') t

65-Tb-144

Radionuclide Production Cross Section



87

Incident Energy (MeV)

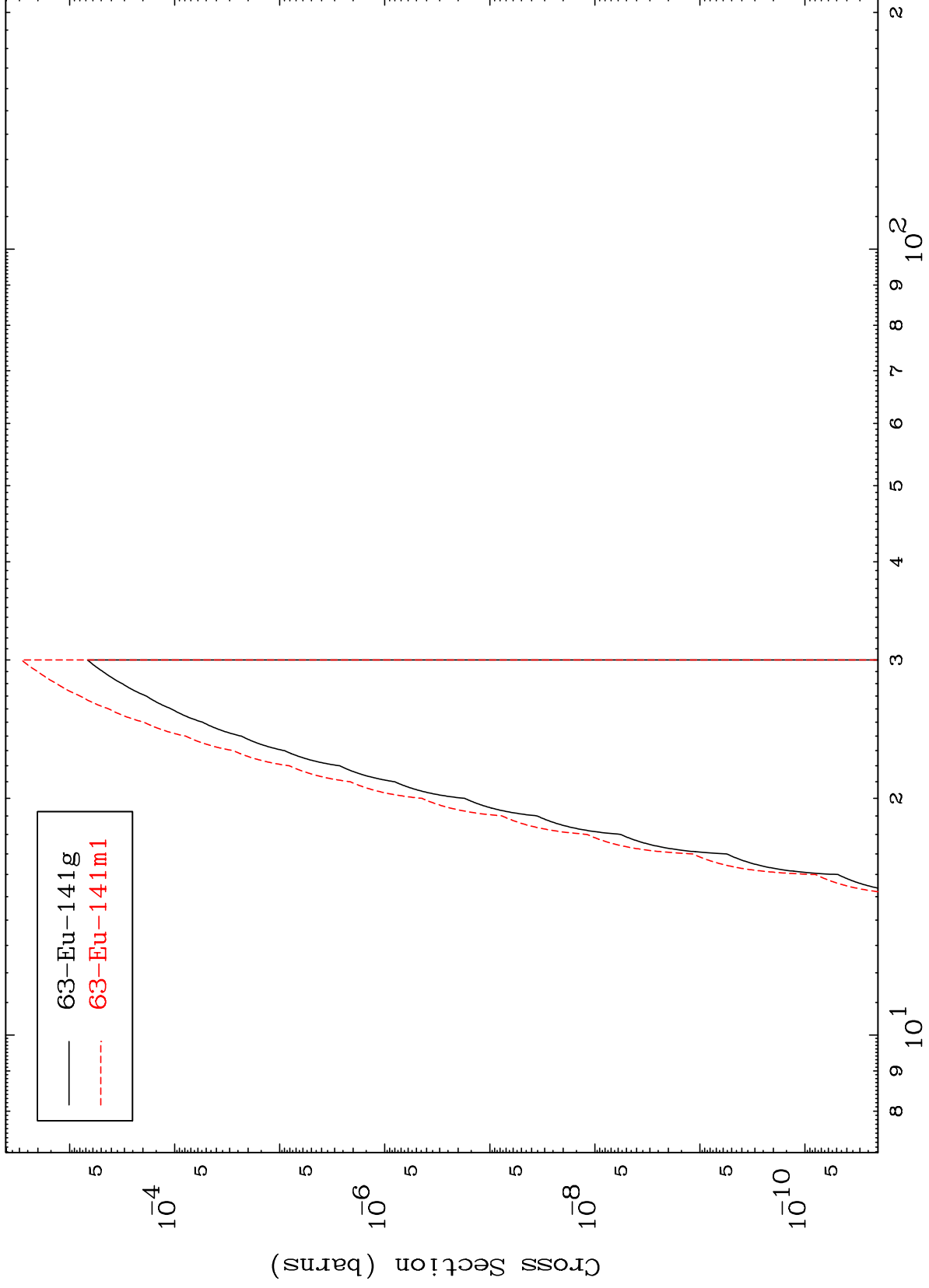
65-Tb-144

MAT 6480

(n,n') He-3

65-Tb-144

Radionuclide Production Cross Section



88

Incident Energy (MeV)

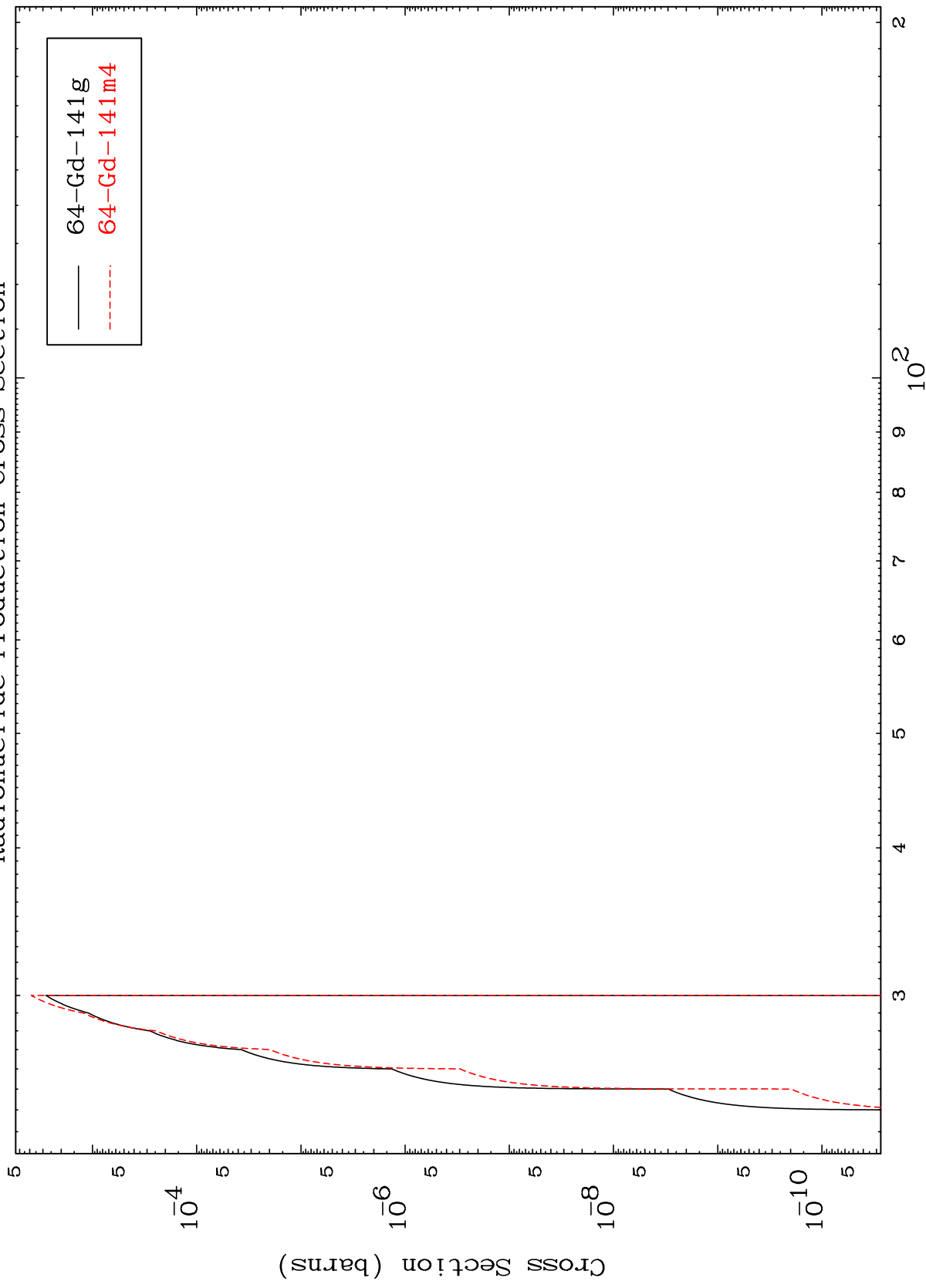
65-Tb-144

MAT 6480

(n,3n) p

65-Tb-144

Radionuclide Production Cross Section



89

Incident Energy (MeV)

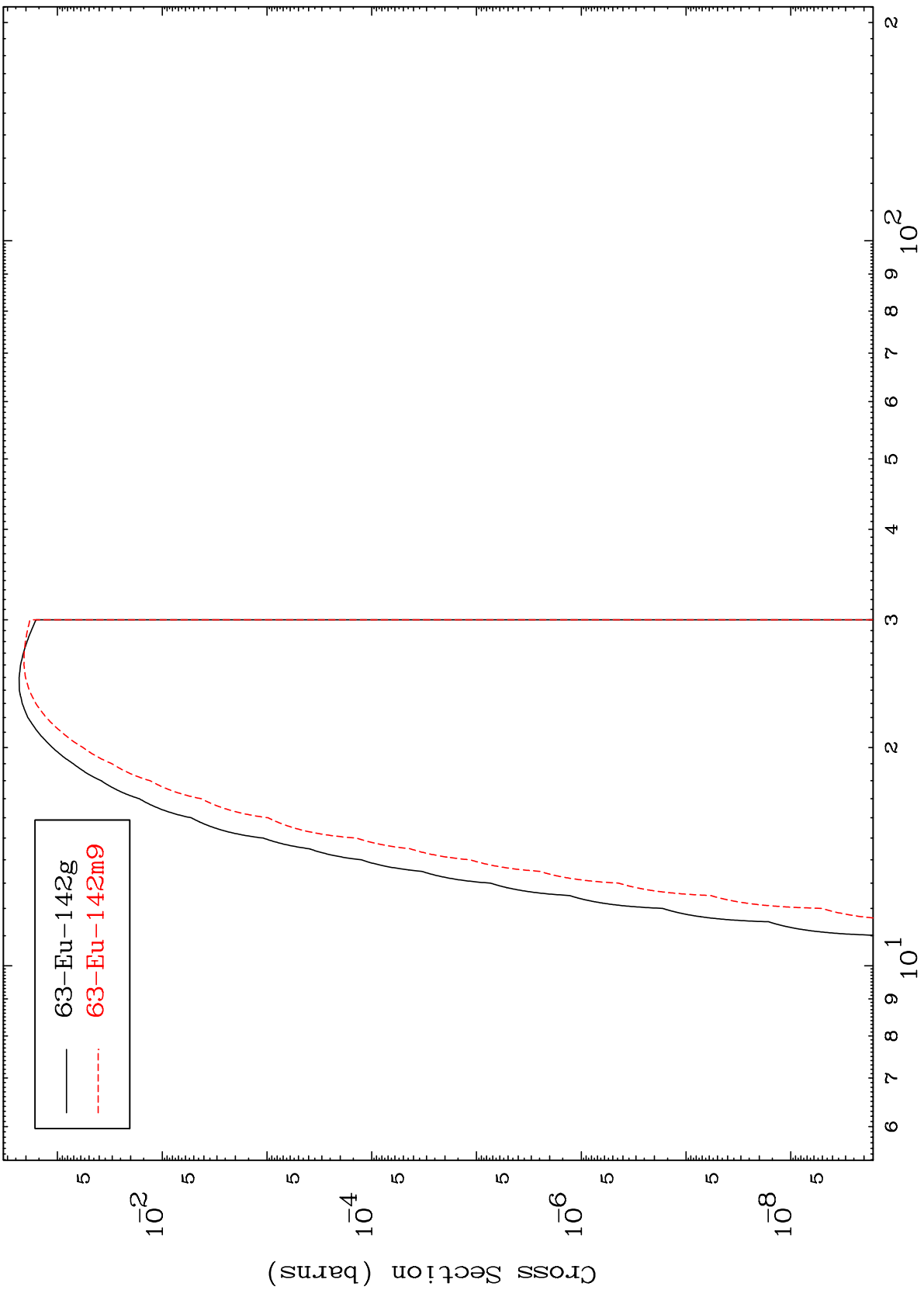
65-Tb-144

MAT 6480

(n,2n) p

65-Tb-144

Radionuclide Production Cross Section



63-Eu-142g
63-Eu-142m9

90

Incident Energy (MeV)

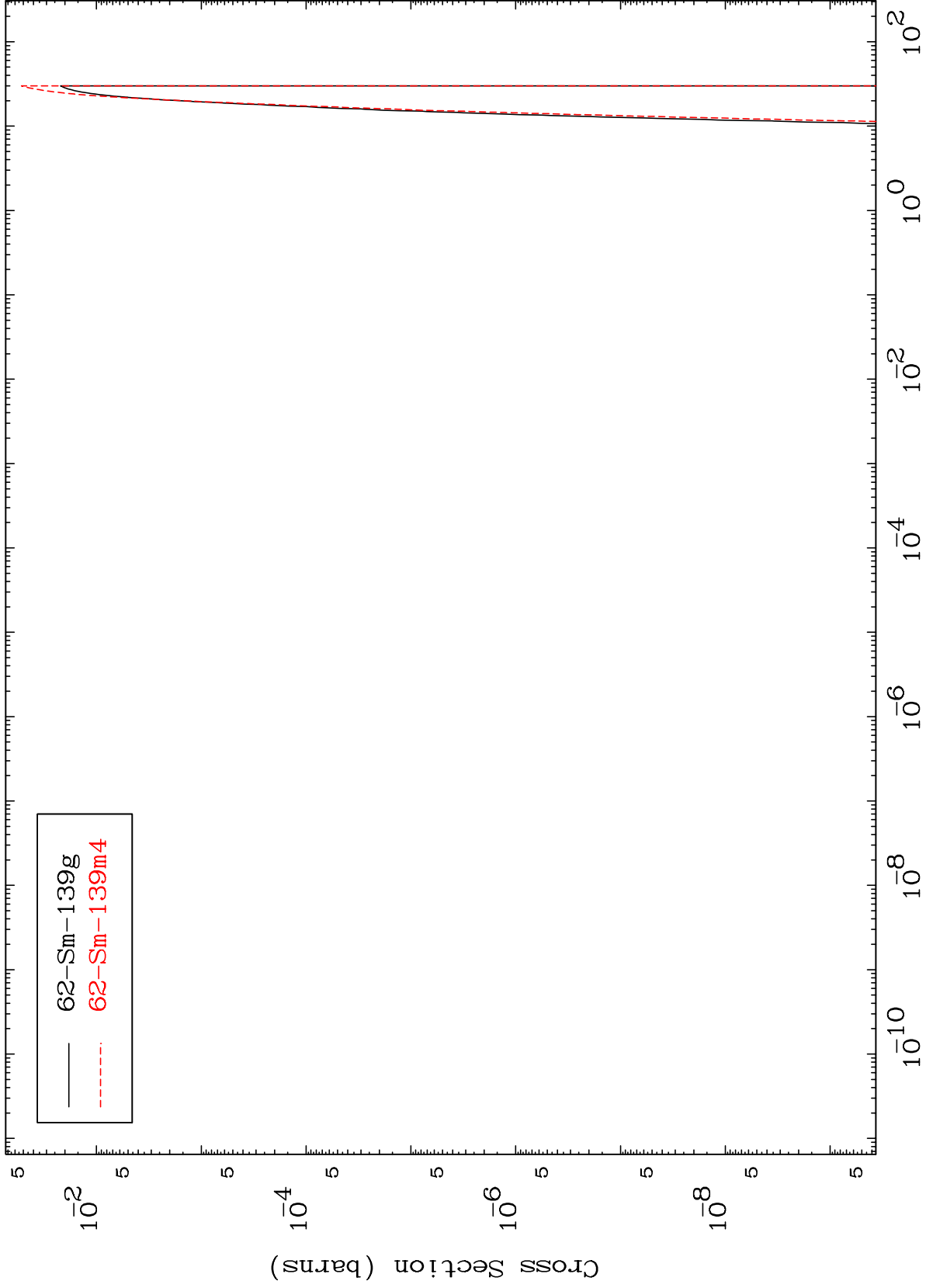
65-Tb-144

MAT 6480

(n,n') p α

65-Tb-144

Radionuclide Production Cross Section



91

Incident Energy (MeV)

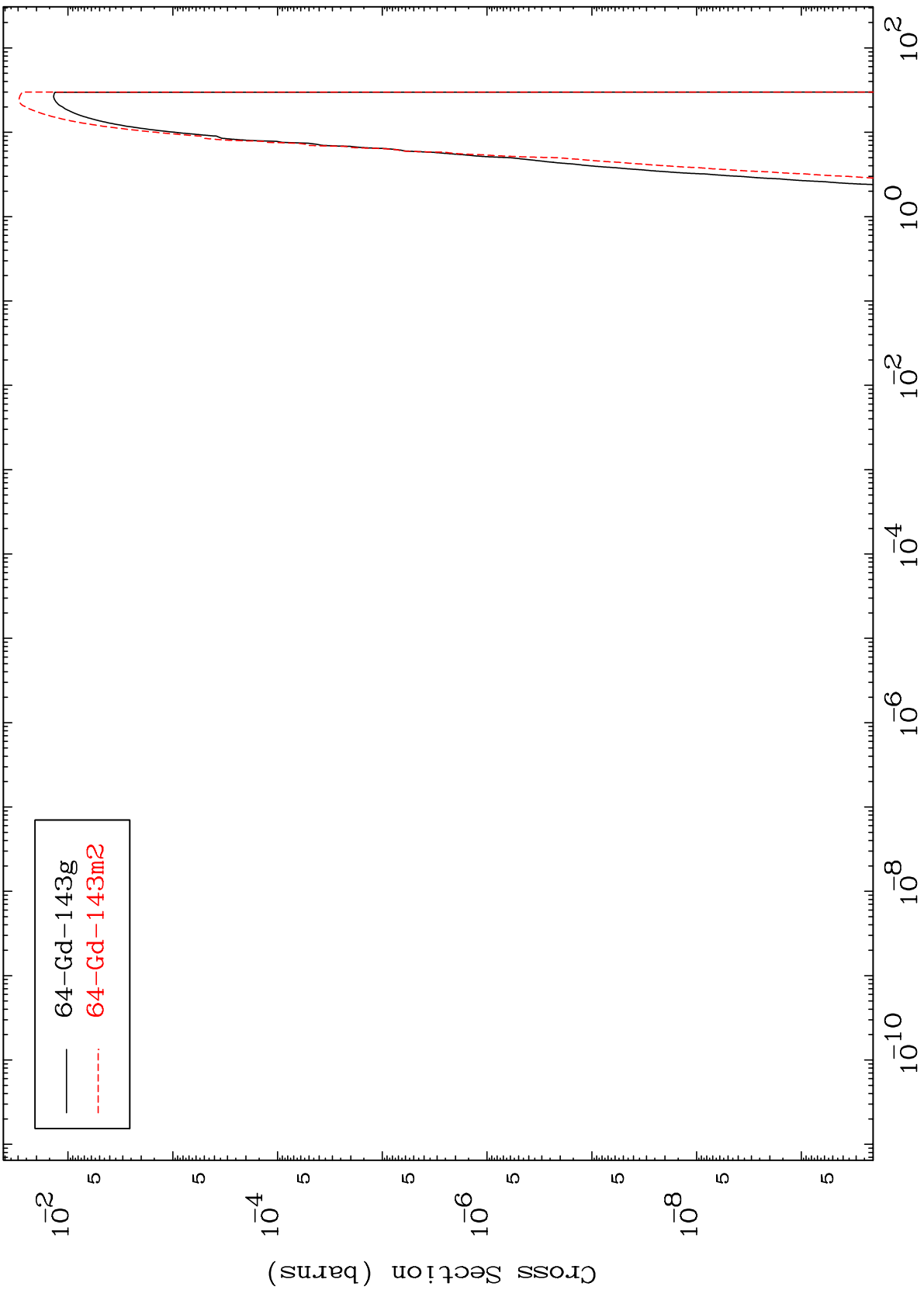
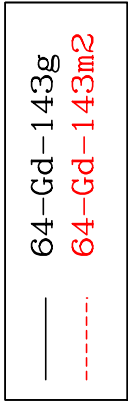
65-Tb-144

MAT 6480

(n,d)

65-Tb-144

Radionuclide Production Cross Section



92

Incident Energy (MeV)

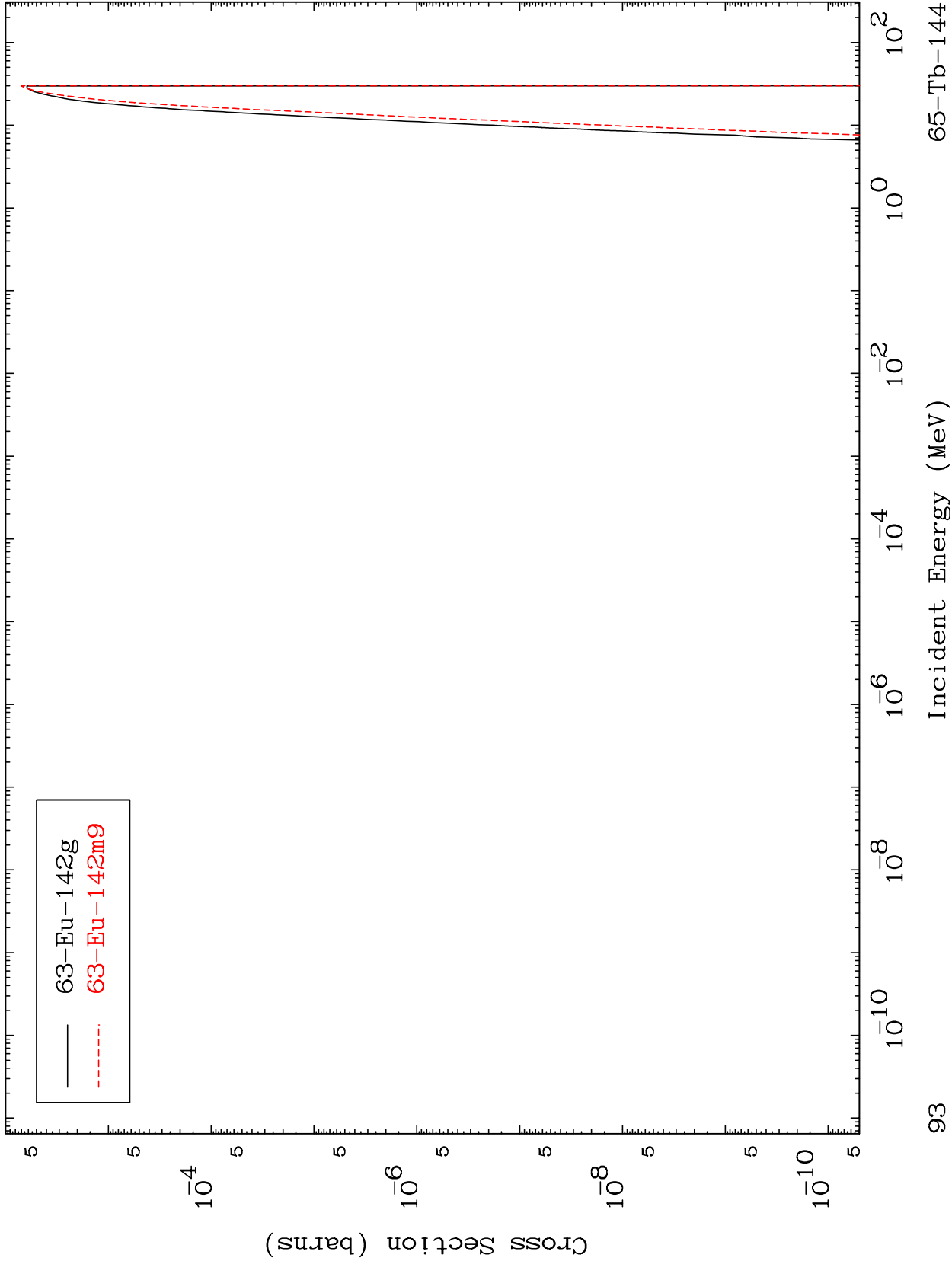
65-Tb-144

MAT 6480

(n,He-3)

65-Tb-144

Radionuclide Production Cross Section



93

Incident Energy (MeV)

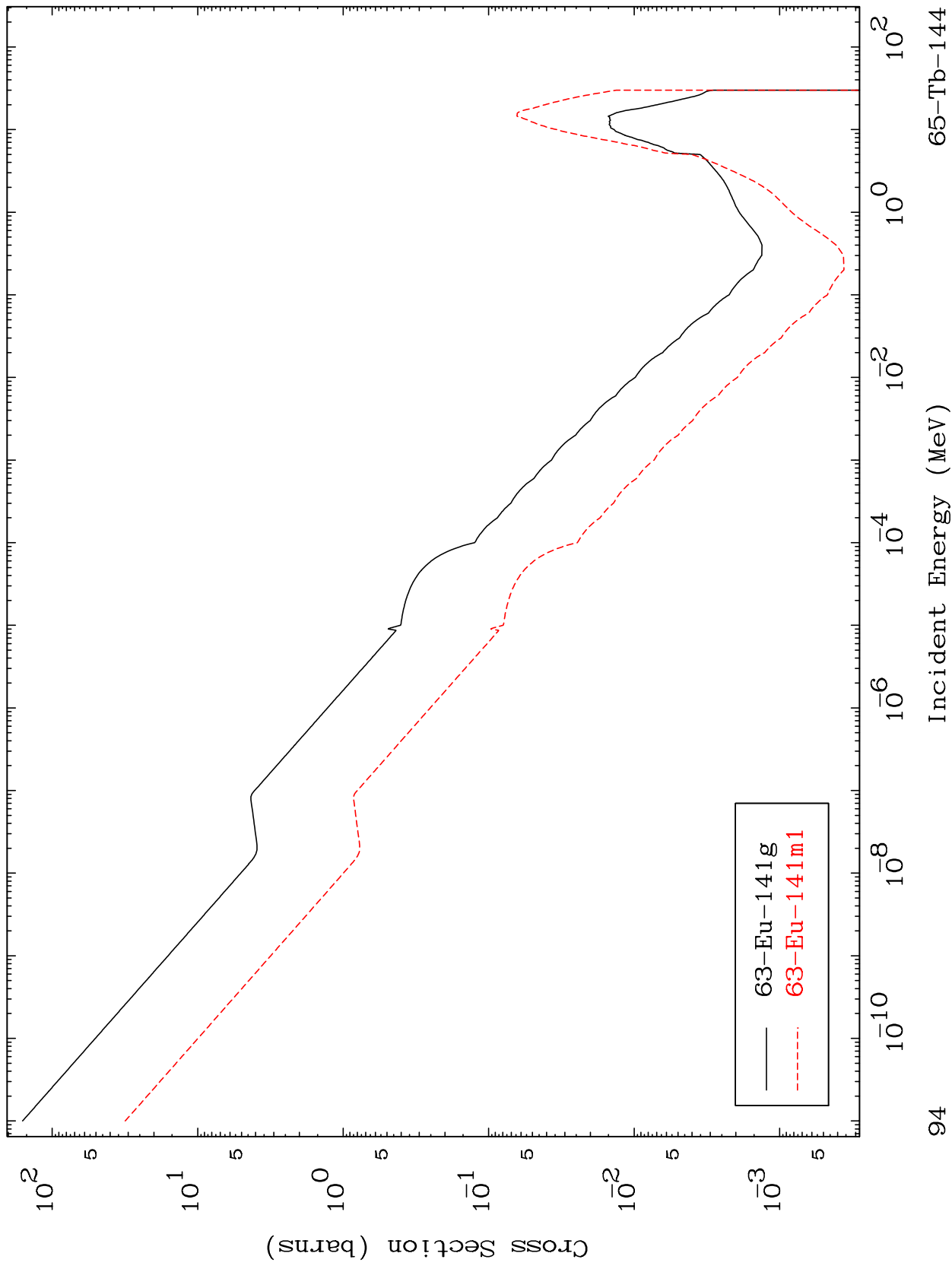
65-Tb-144

MAT 6480

(n, α)

65-Tb-144

Radionuclide Production Cross Section



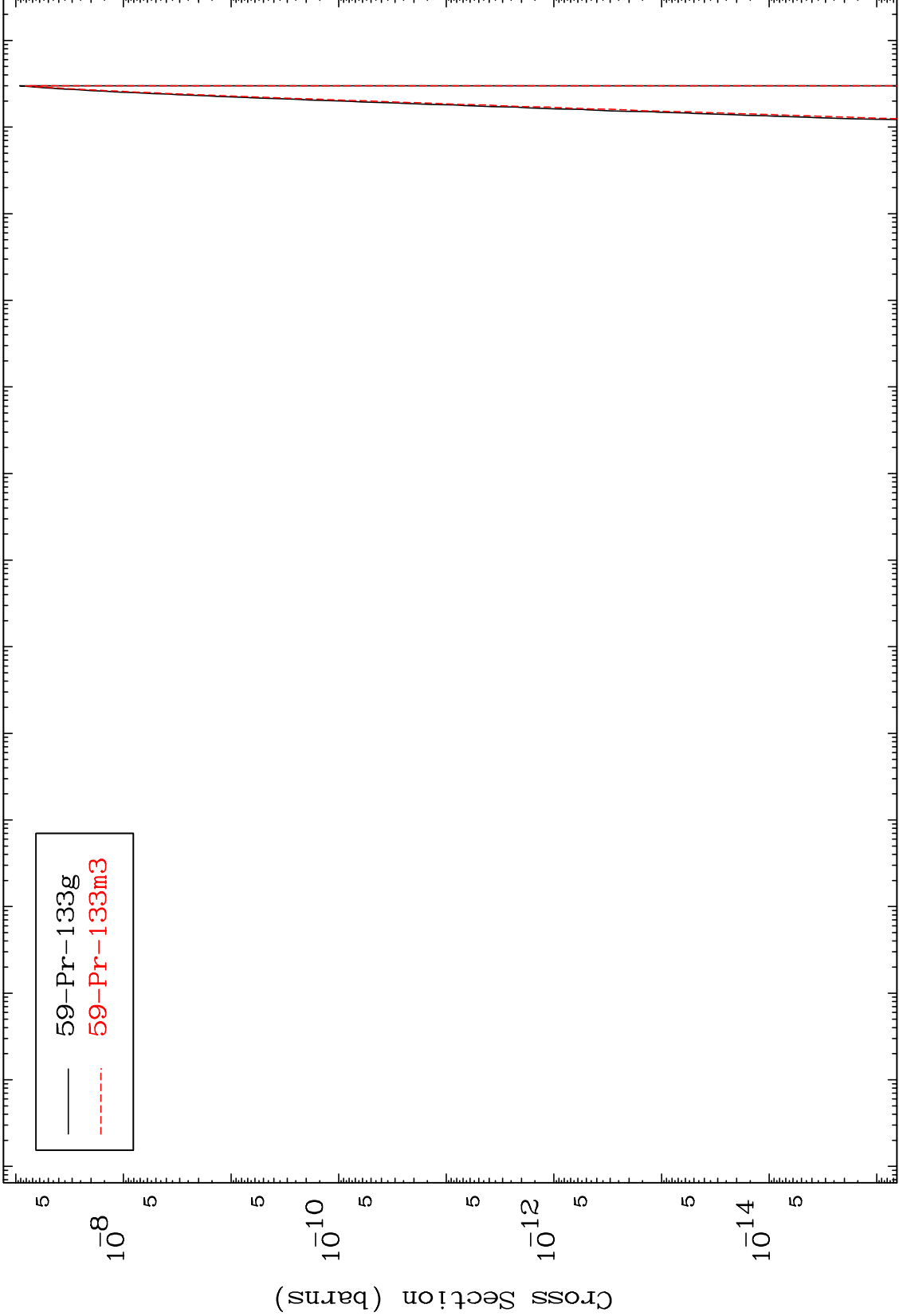
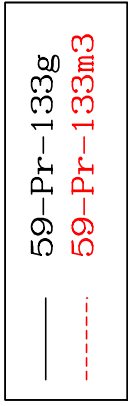
94

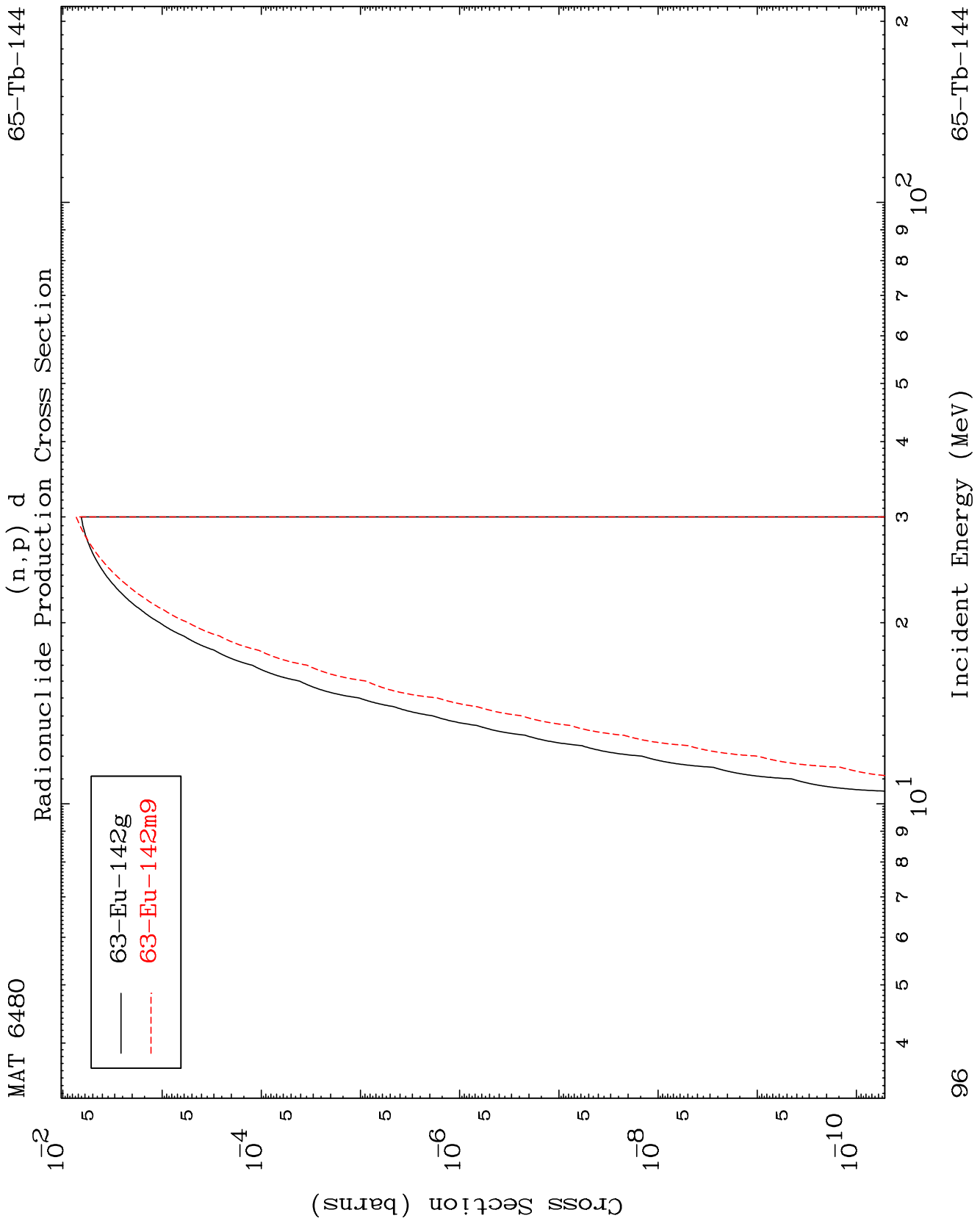
MAT 6480

(n,3α)

65-Tb-144

Radionuclide Production Cross Section

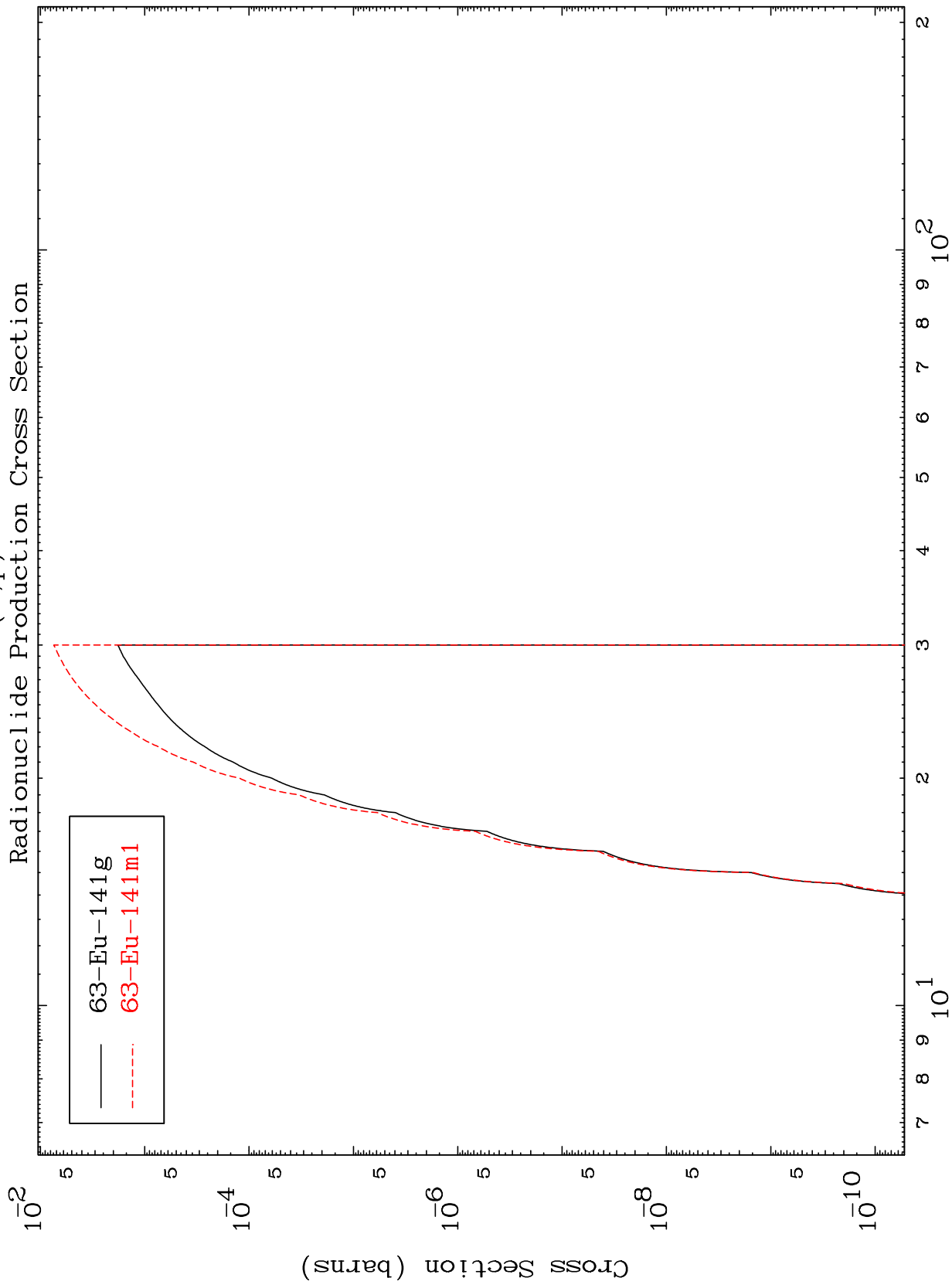




MAT 6480

(n,p) t

65-Tb-144



97

Incident Energy (MeV)

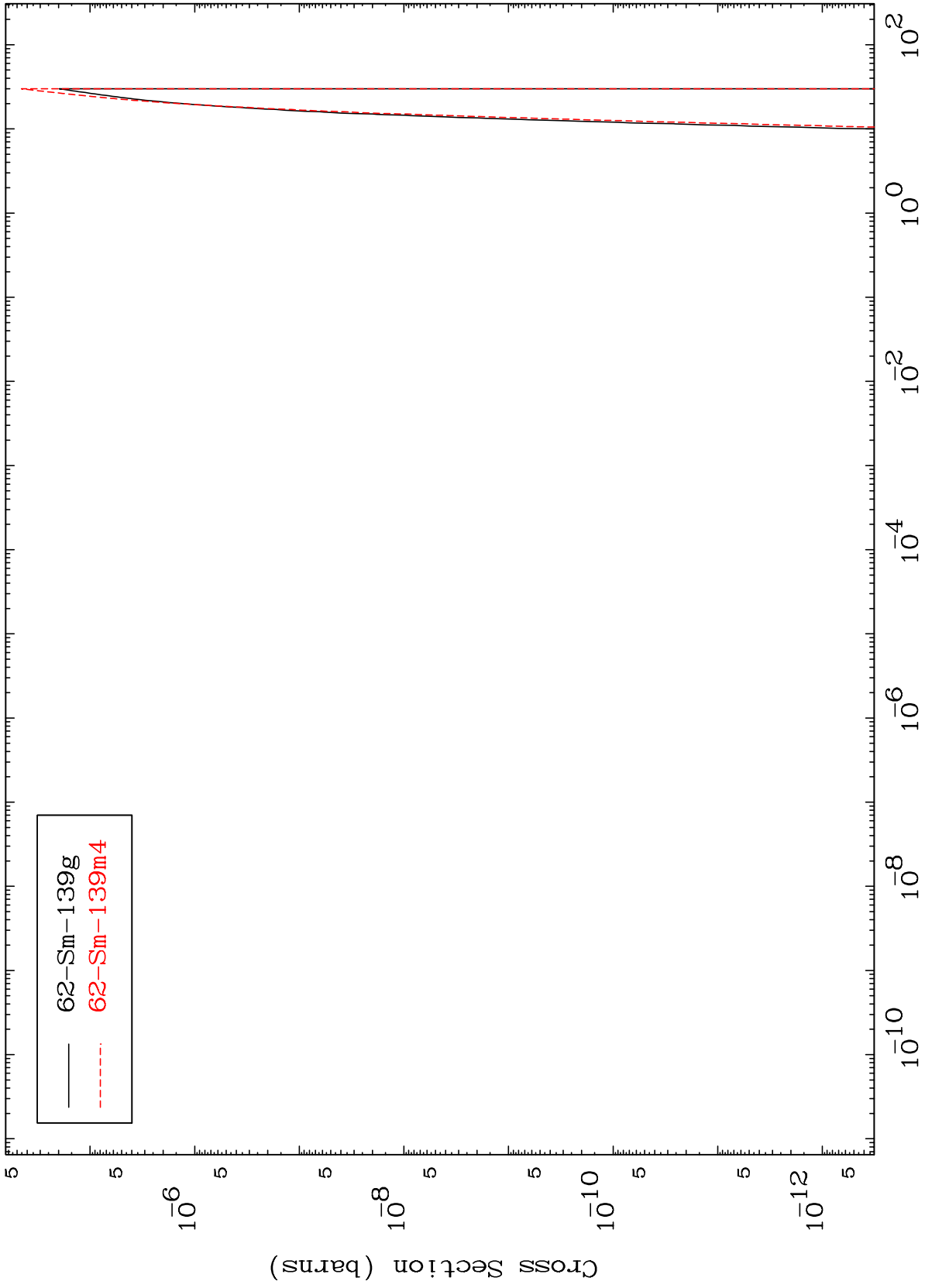
65-Tb-144

MAT 6480

(n,d) α

⁶⁵Tb-144

Radionuclide Production Cross Section



98

Incident Energy (MeV)

⁶⁵Tb-144