

Program EVALPLOT
(Version 2021-1)

by

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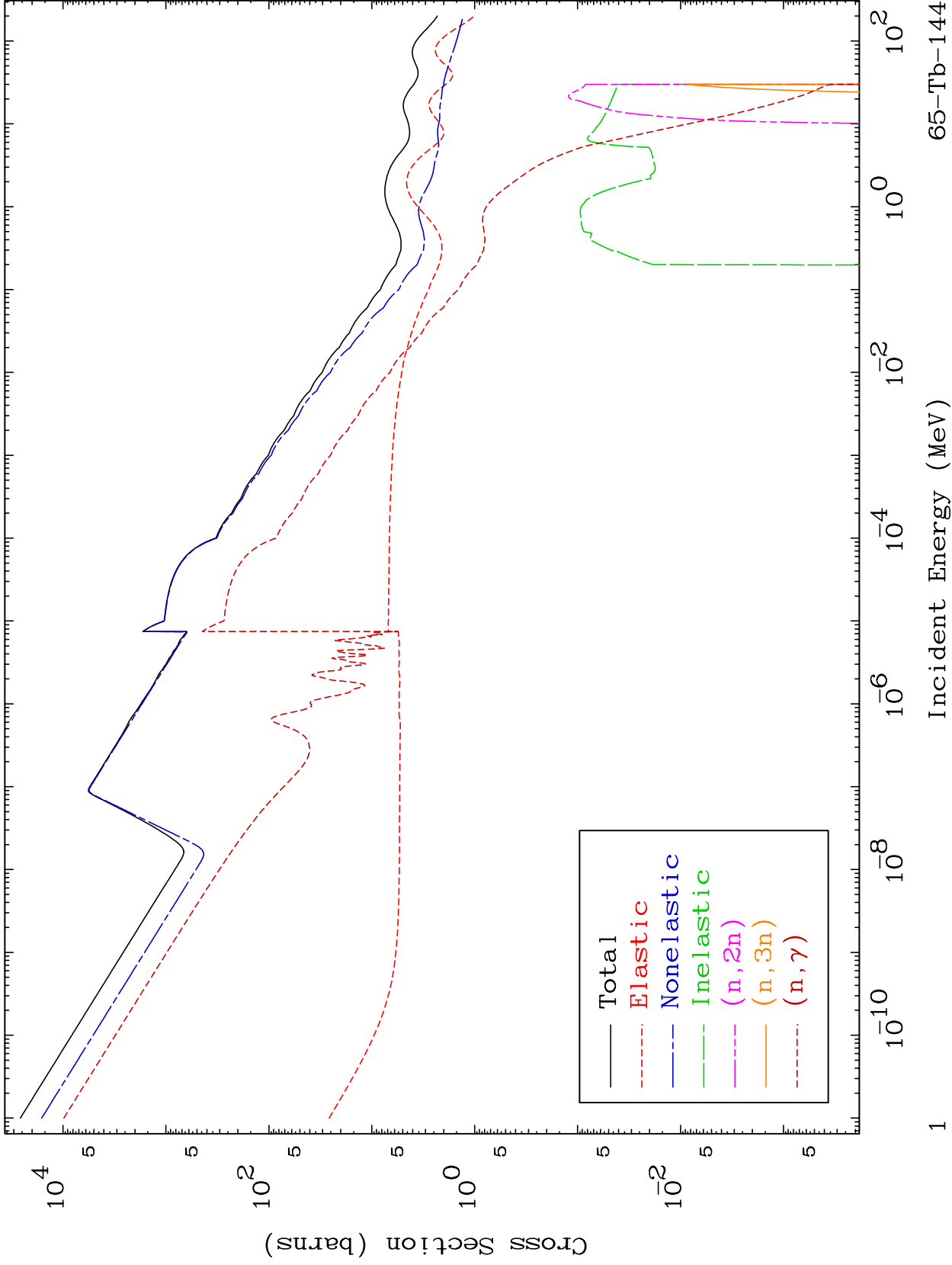
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Press Mouse Button to Start

MAT 6480

Neutron Major
293 Kelvin Cross Sections

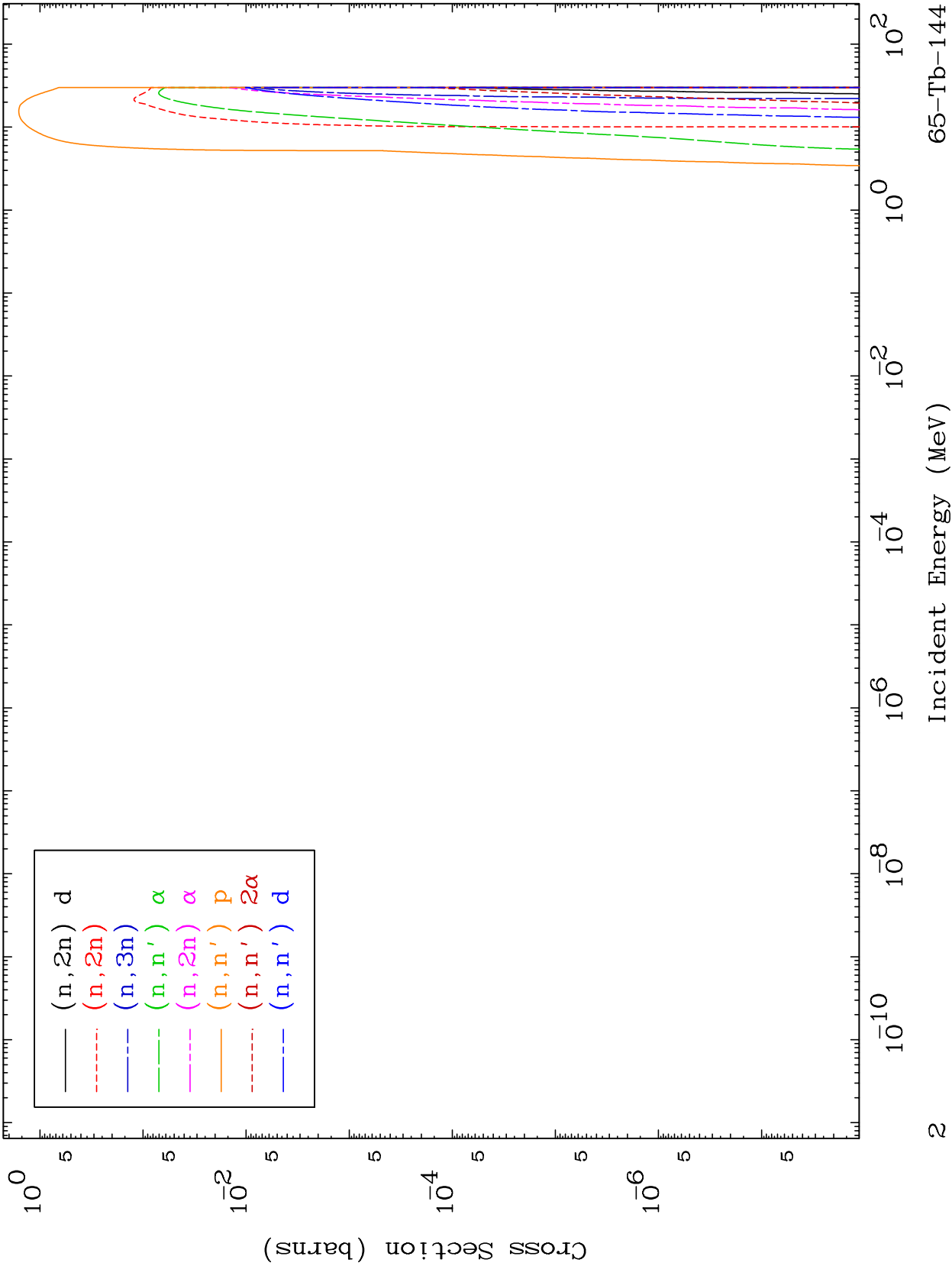
65-Tb-144



MAT 6480

Neutron Absorption
293 Kelvin Cross Sections

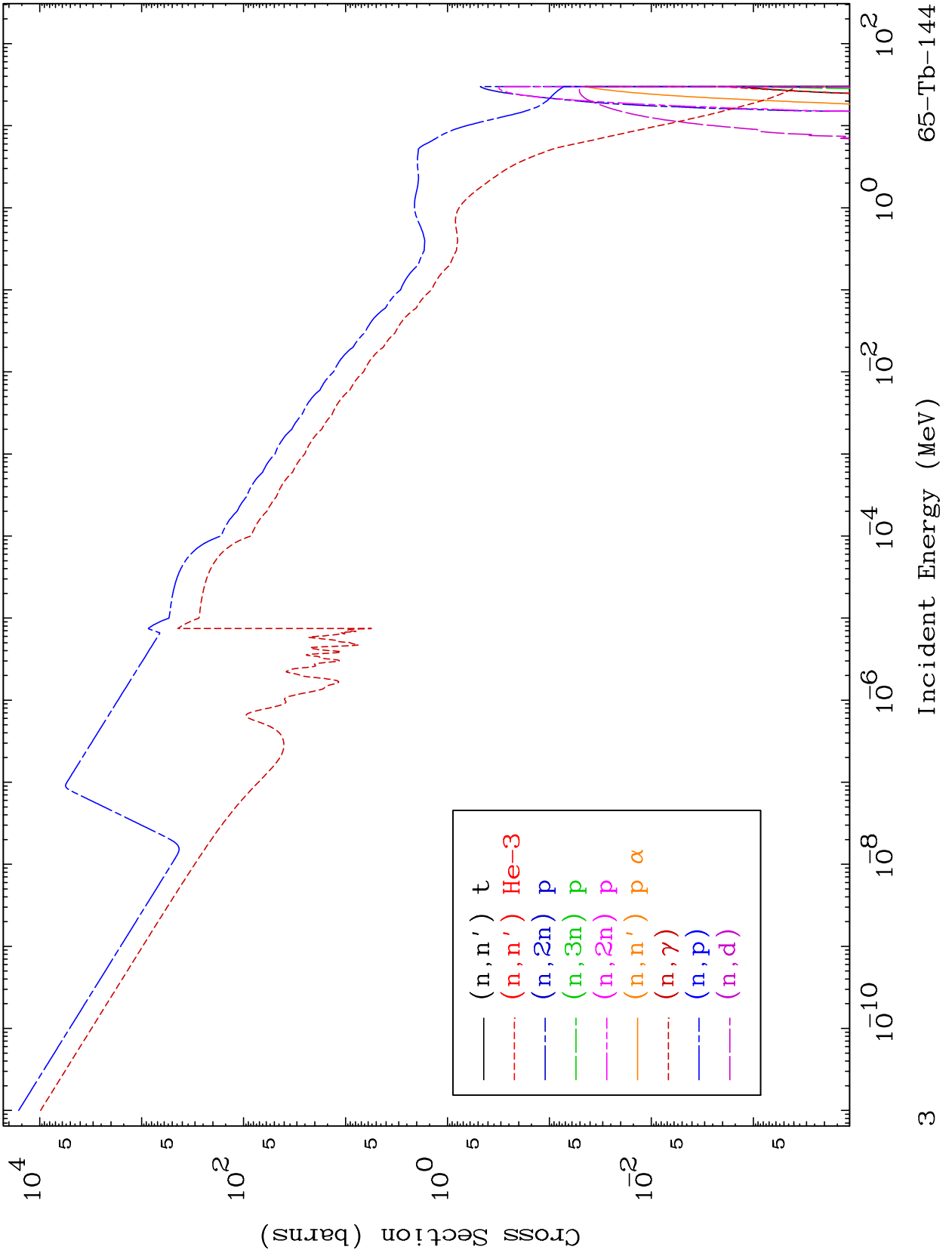
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MAT 6480

Neutron Absorption
293 Kelvin Cross Sections

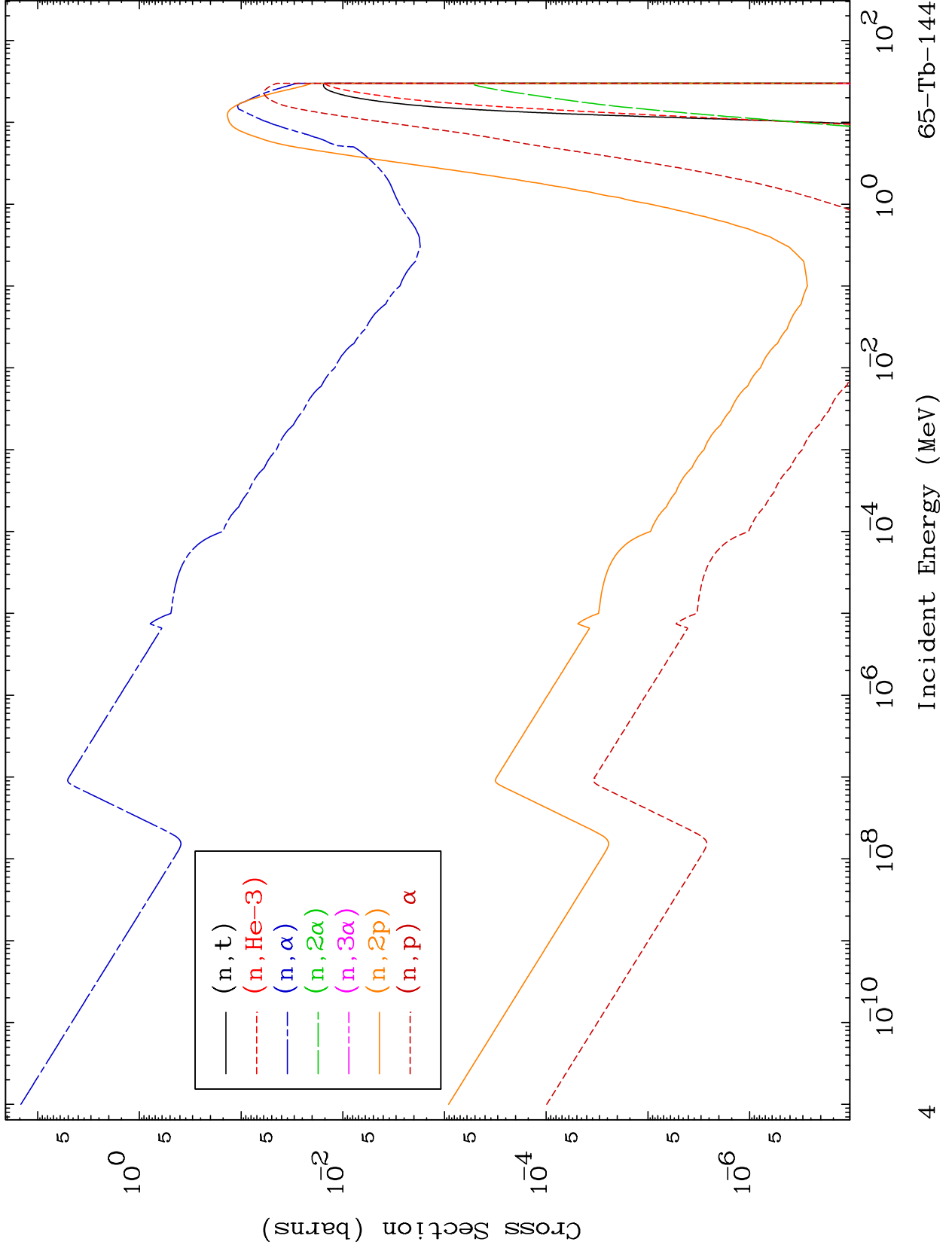
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MAT 6480

Neutron Absorption
293 Kelvin Cross Sections

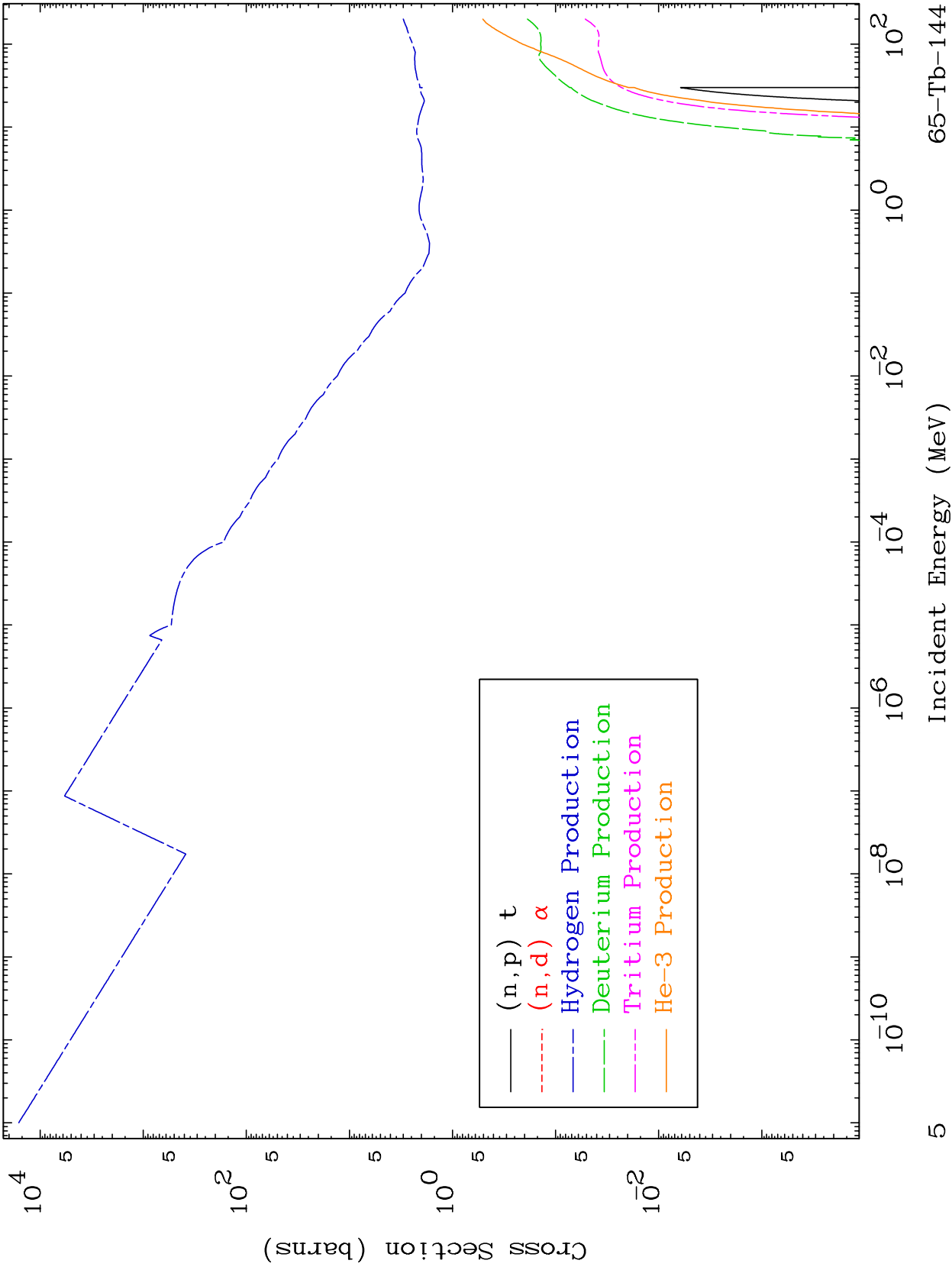
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MAT 6480

Neutron Absorption
293 Kelvin Cross Sections

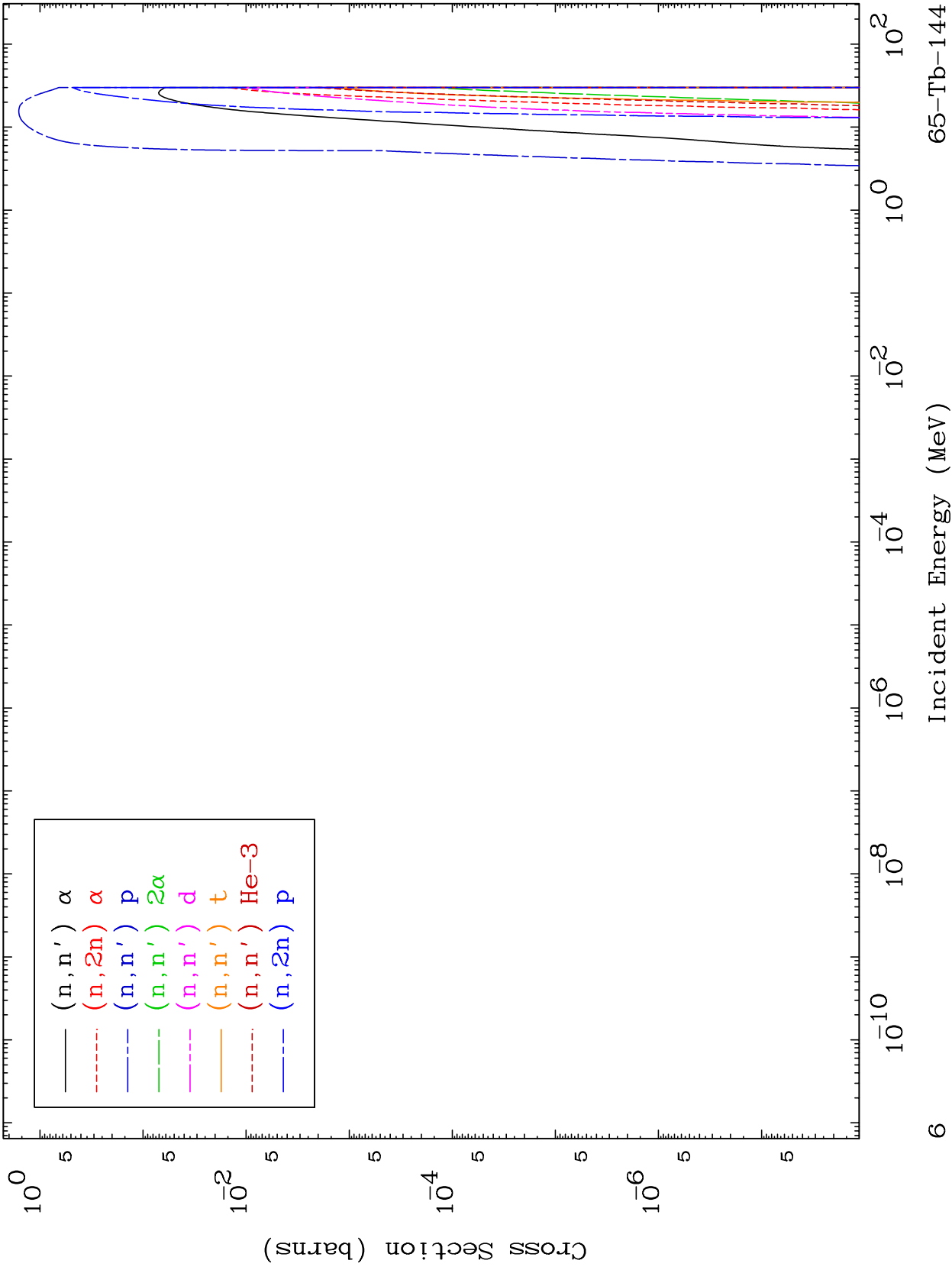
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MAT 6480

Charged Particle
293 Kelvin Cross Sections

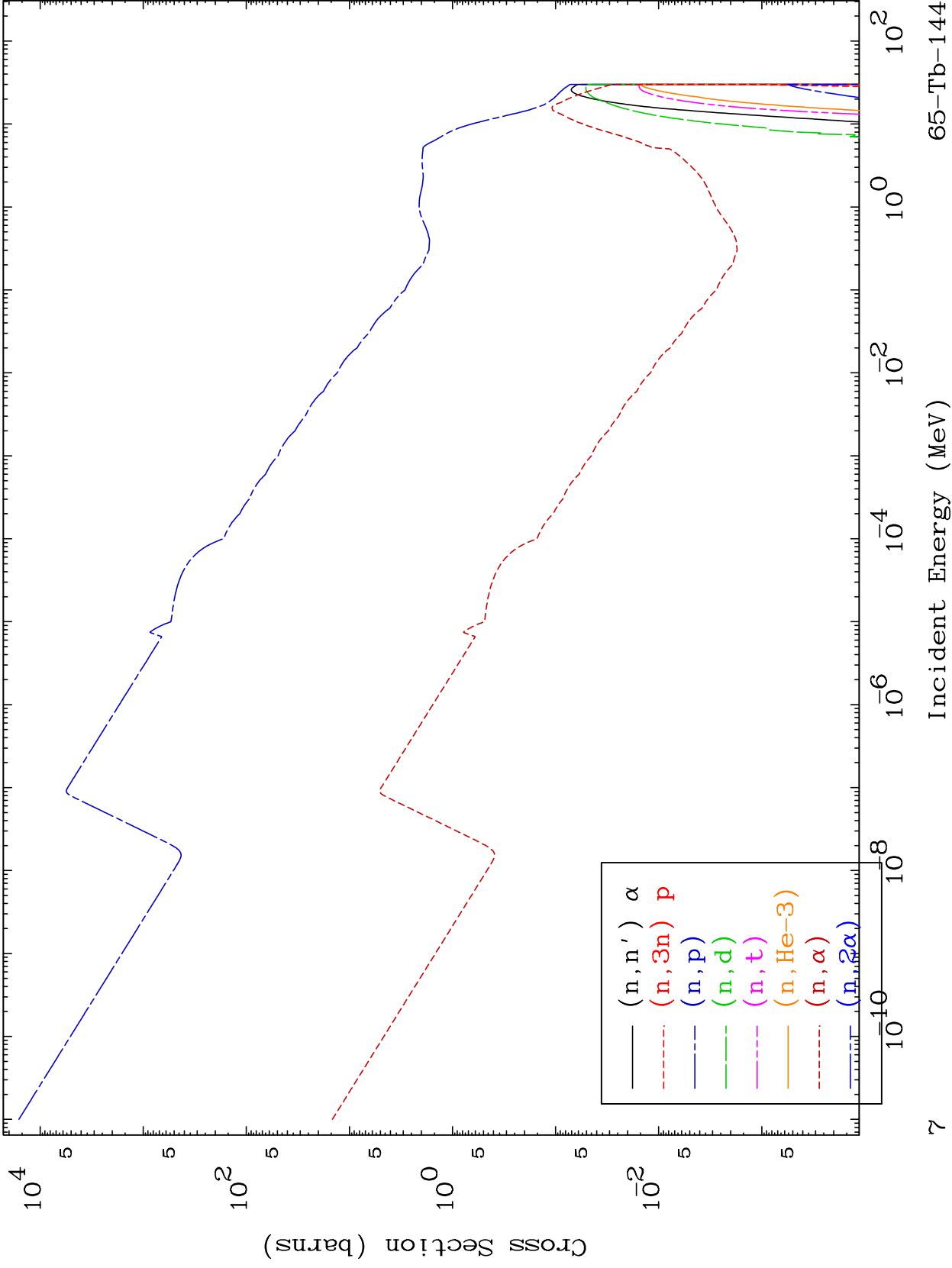
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MAT 6480

Charged Particle
293 Kelvin Cross Sections

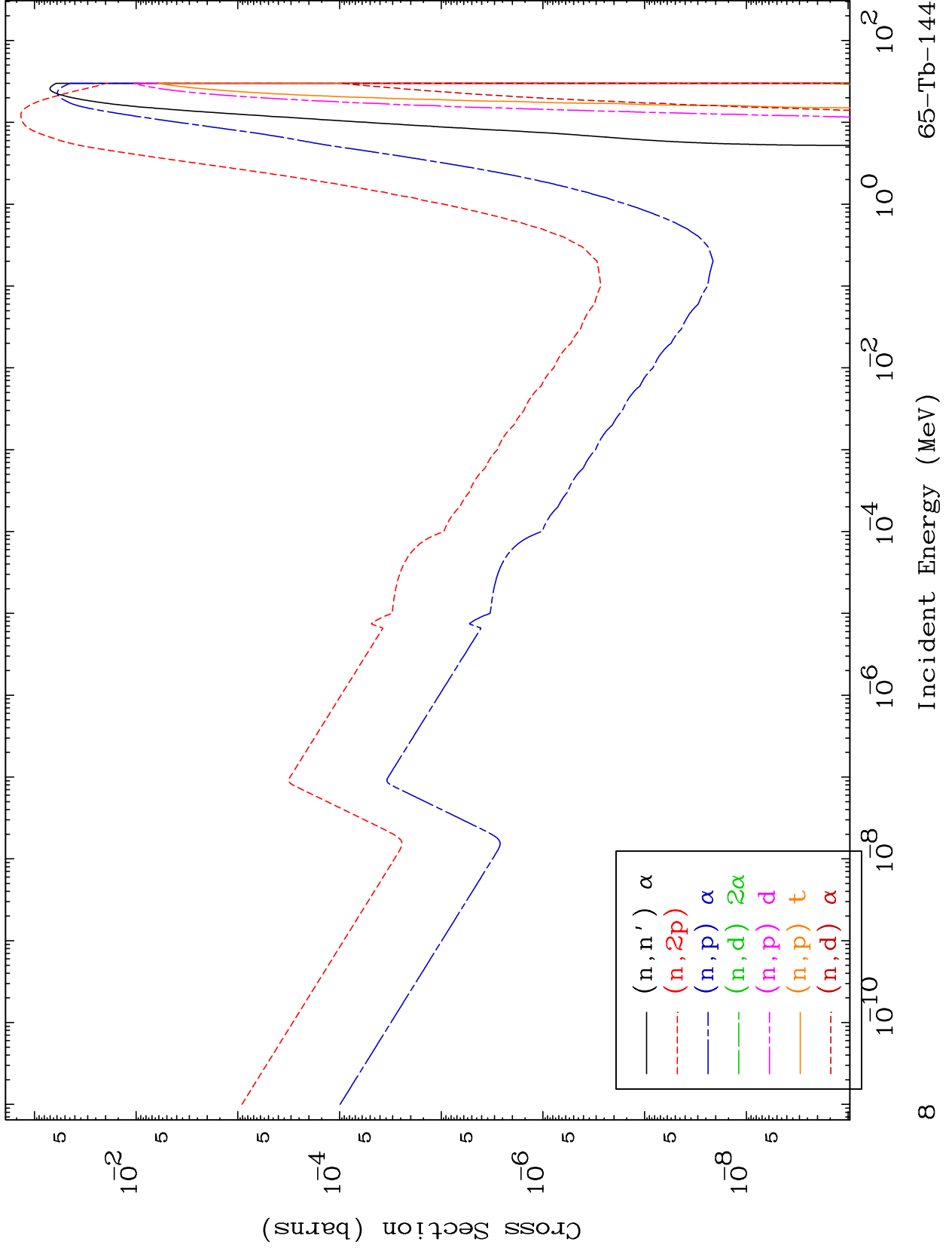
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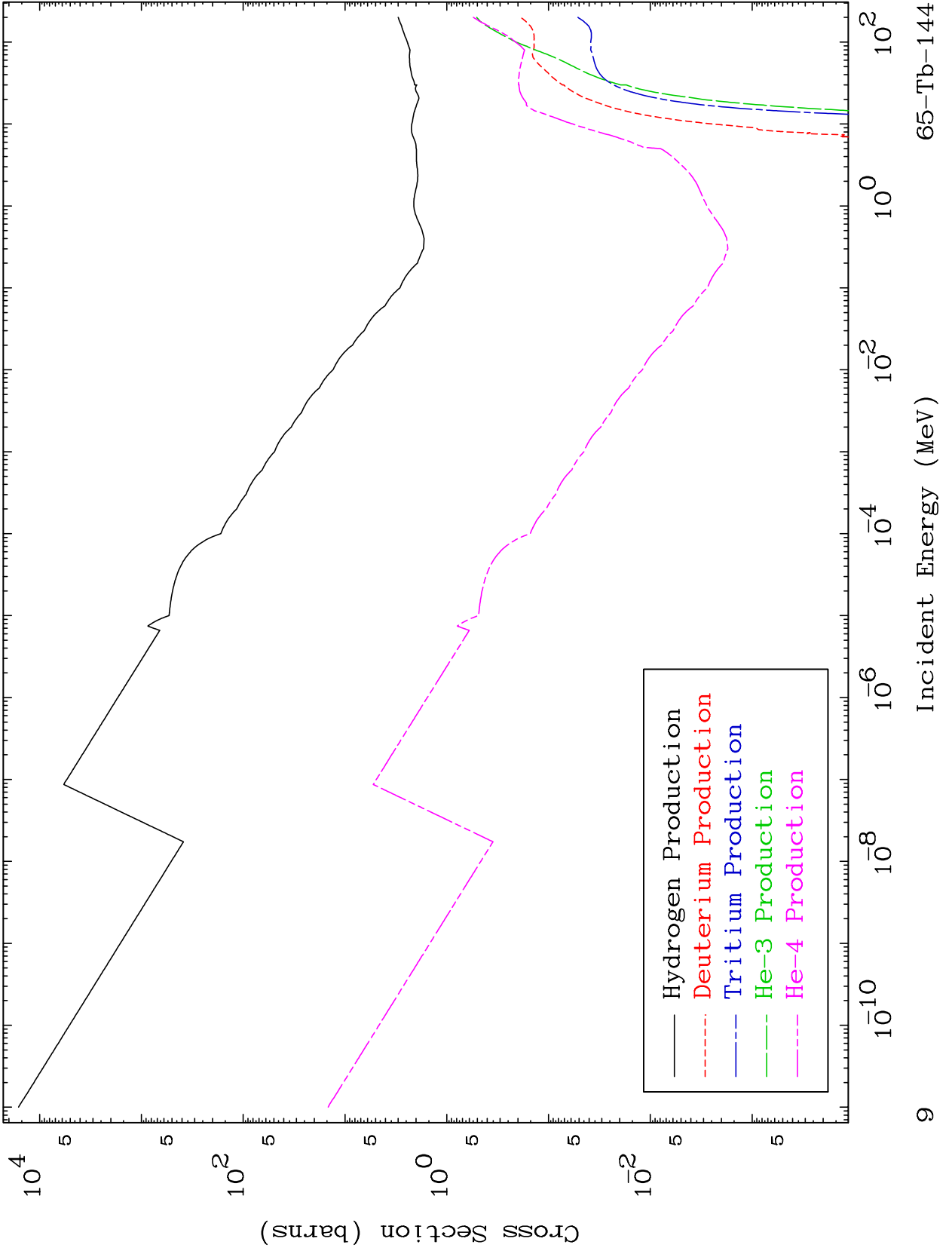


MAT 6480

Charged Particle
293 Kelvin Cross Sections

65-Tb-144



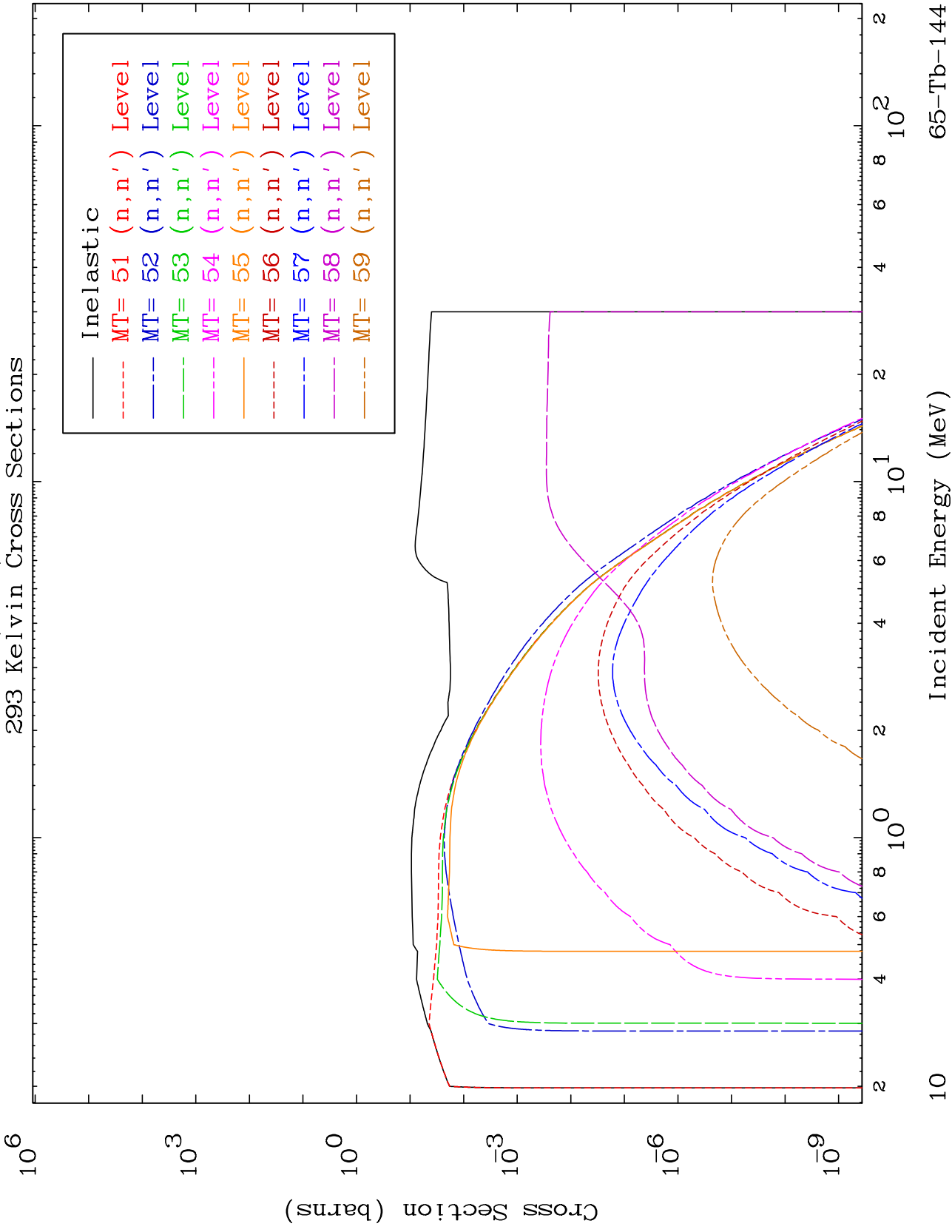


MAT 6480

(n,n') Levels

293 Kelvin Cross Sections

65-Tb-144



10

Incident Energy (MeV)

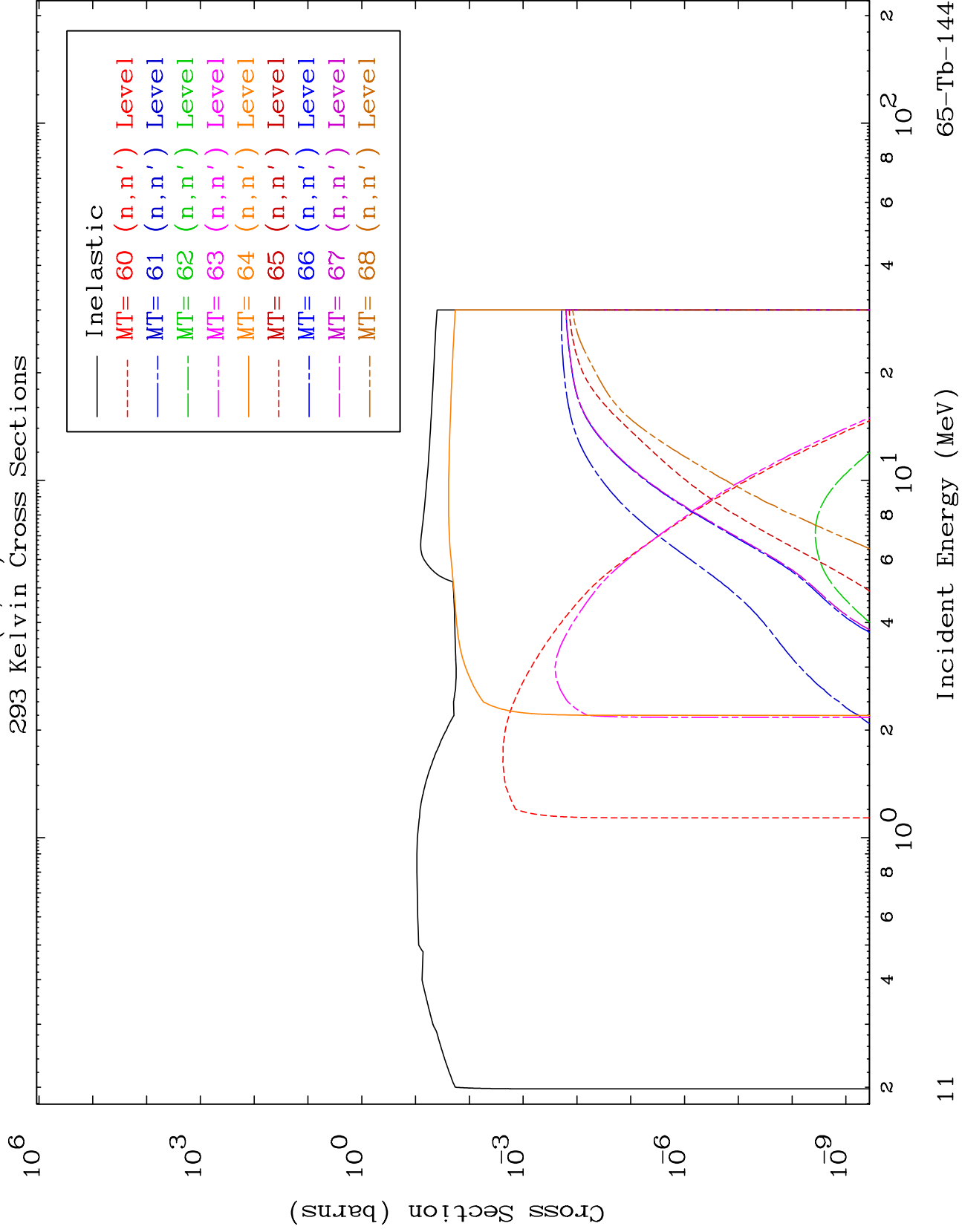
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MAT 6480

(n,n') Levels

293 Kelvin Cross Sections

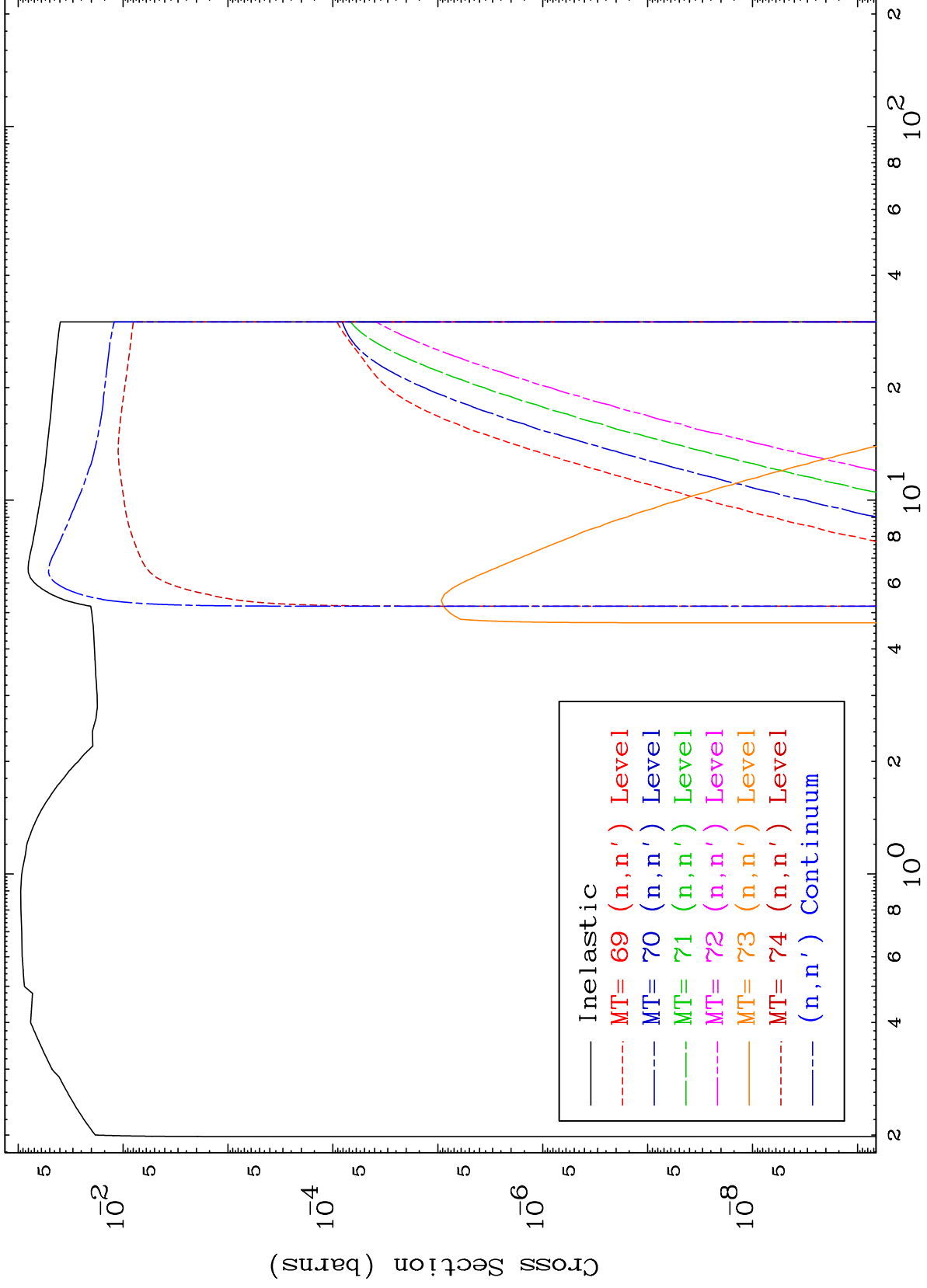
65-Tb-144



MAT 6480

(n,n') Levels
293 Kelvin Cross Sections

65-Tb-144



12

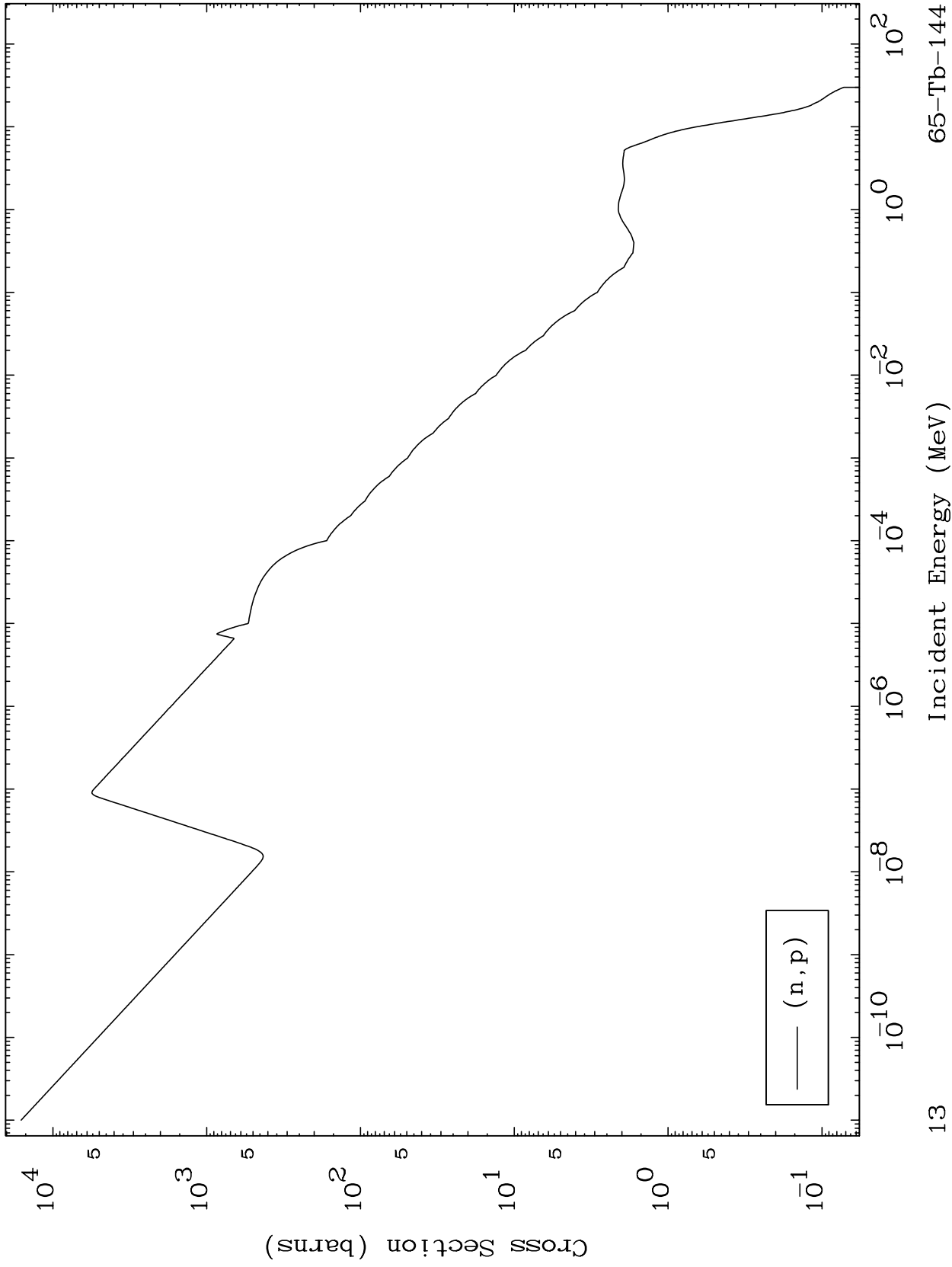
Incident Energy (MeV)

65-Tb-144

MAT 6480

(n,p) Levels
293 Kelvin Cross Sections

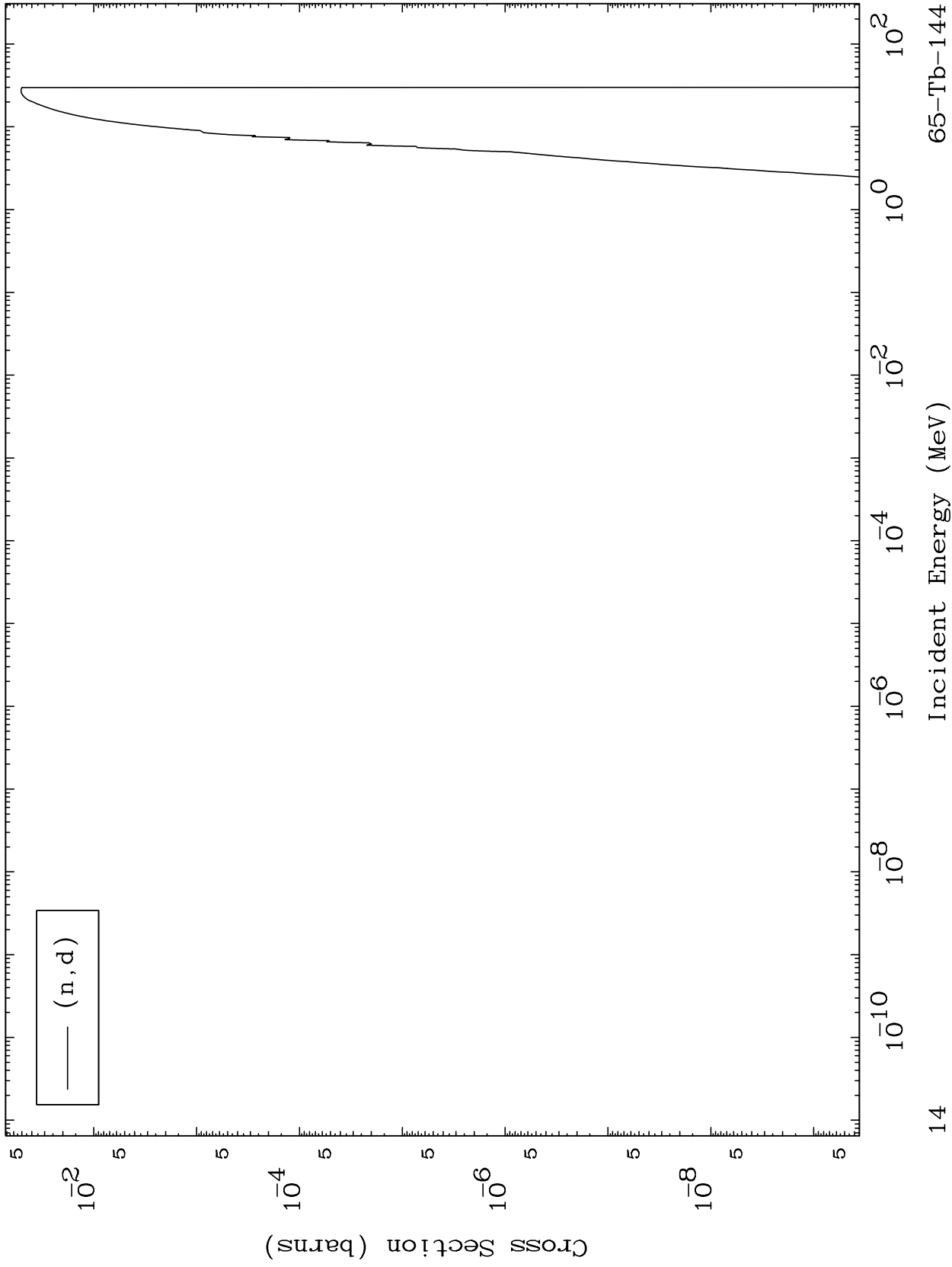
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MAT 6480

(n,d) Levels
293 Kelvin Cross Sections

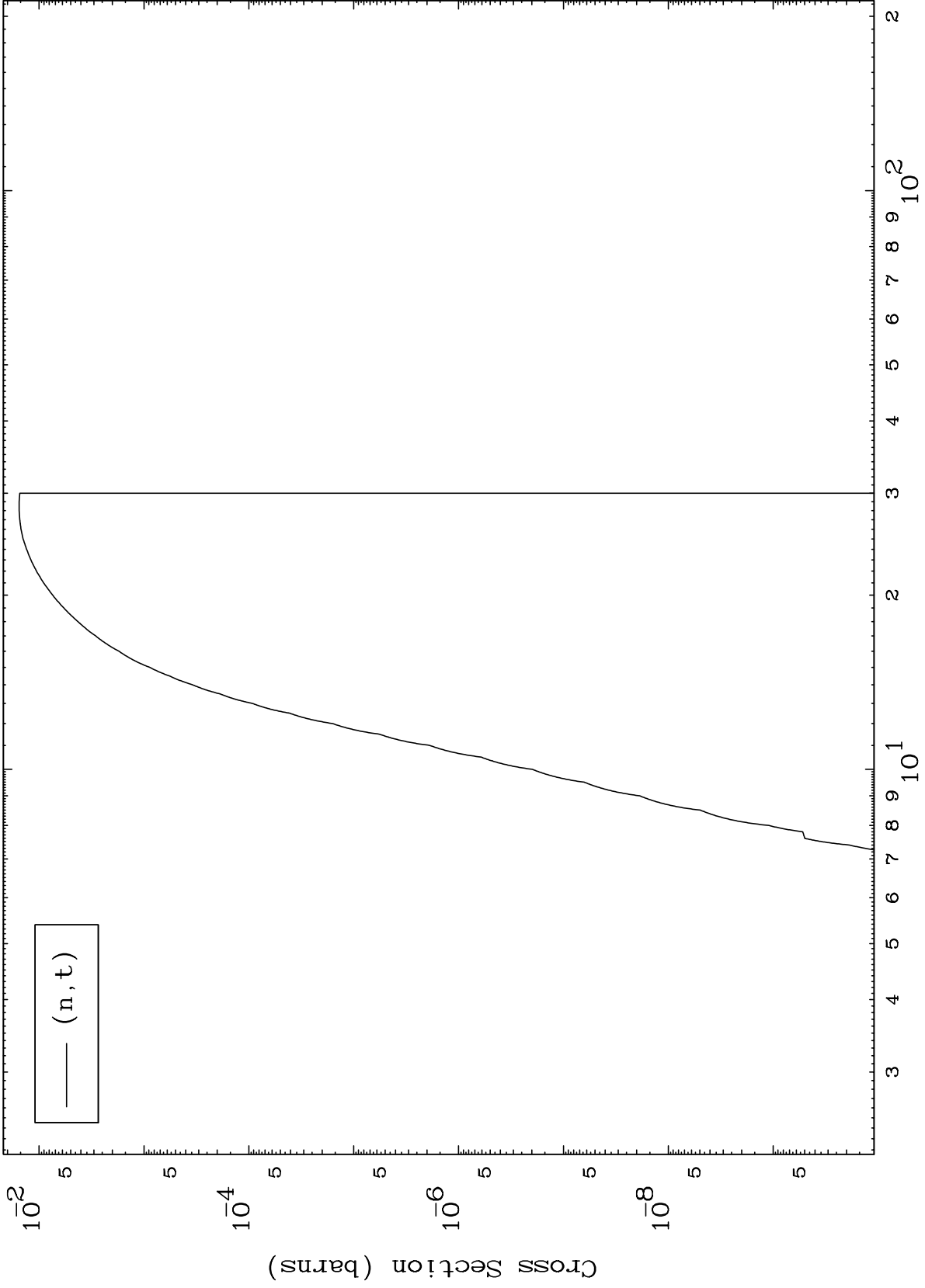
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MAT 6480

(n,t) Levels
293 Kelvin Cross Sections

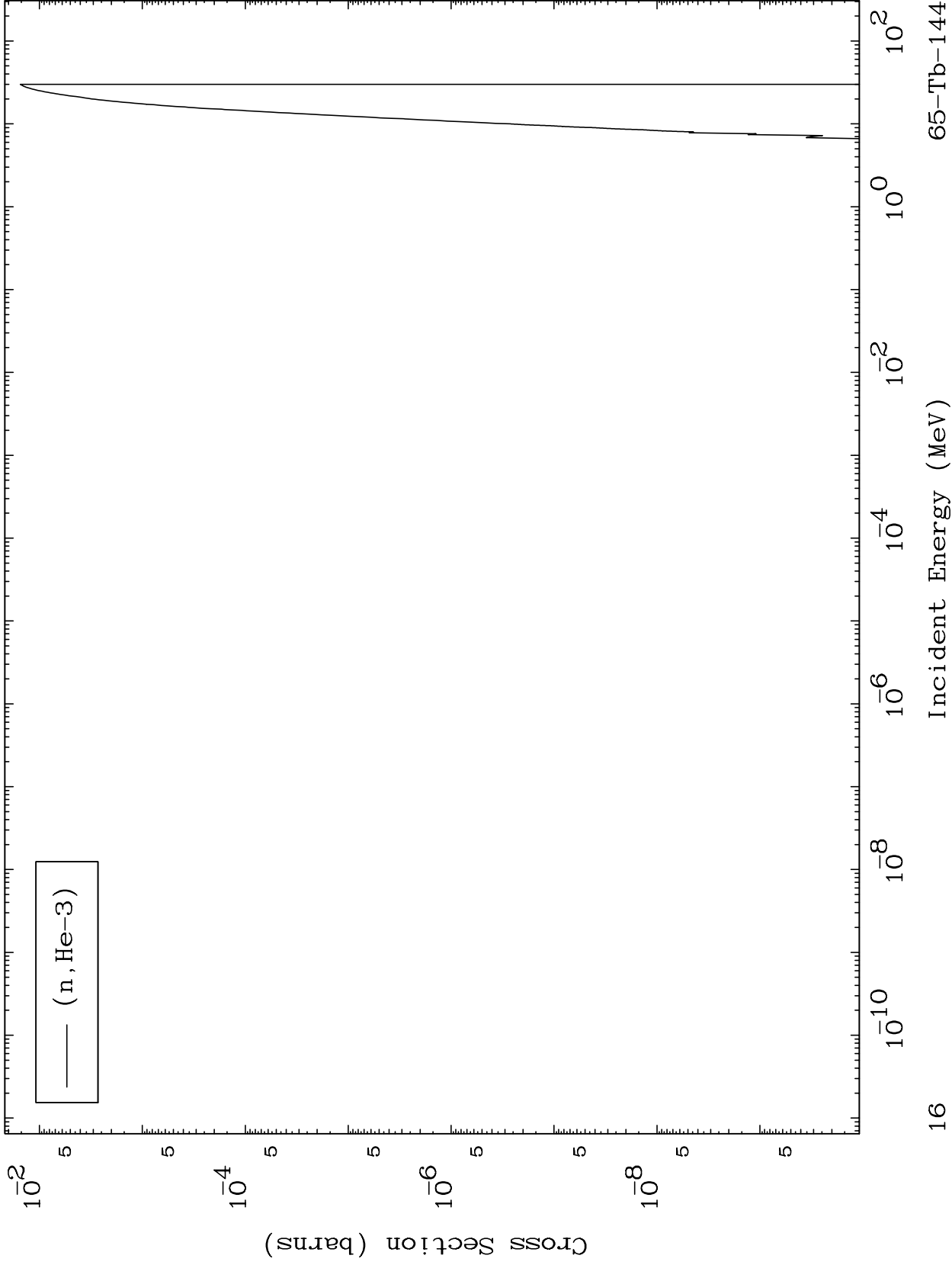
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MAT 6480

(n,He3) Levels
293 Kelvin Cross Sections

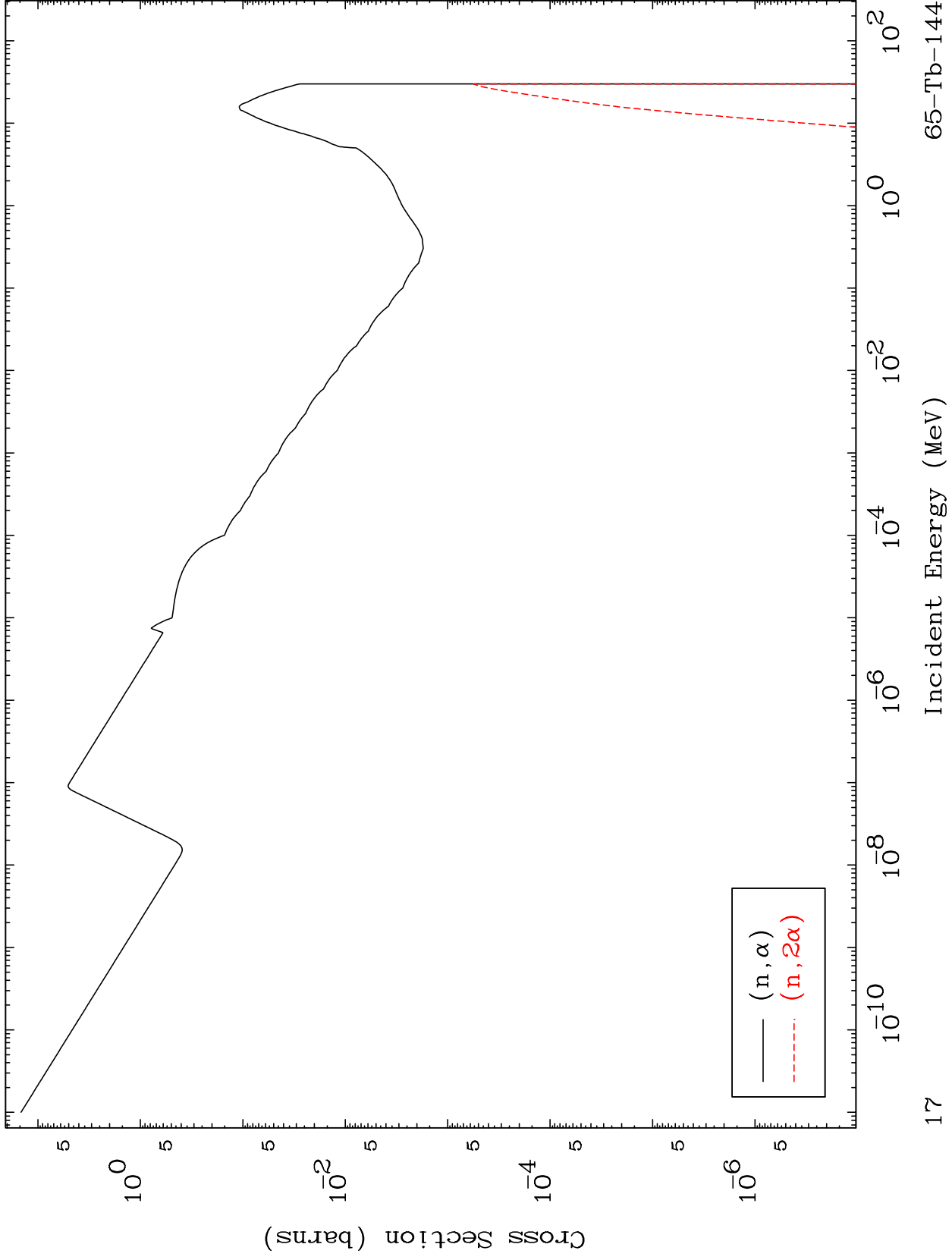
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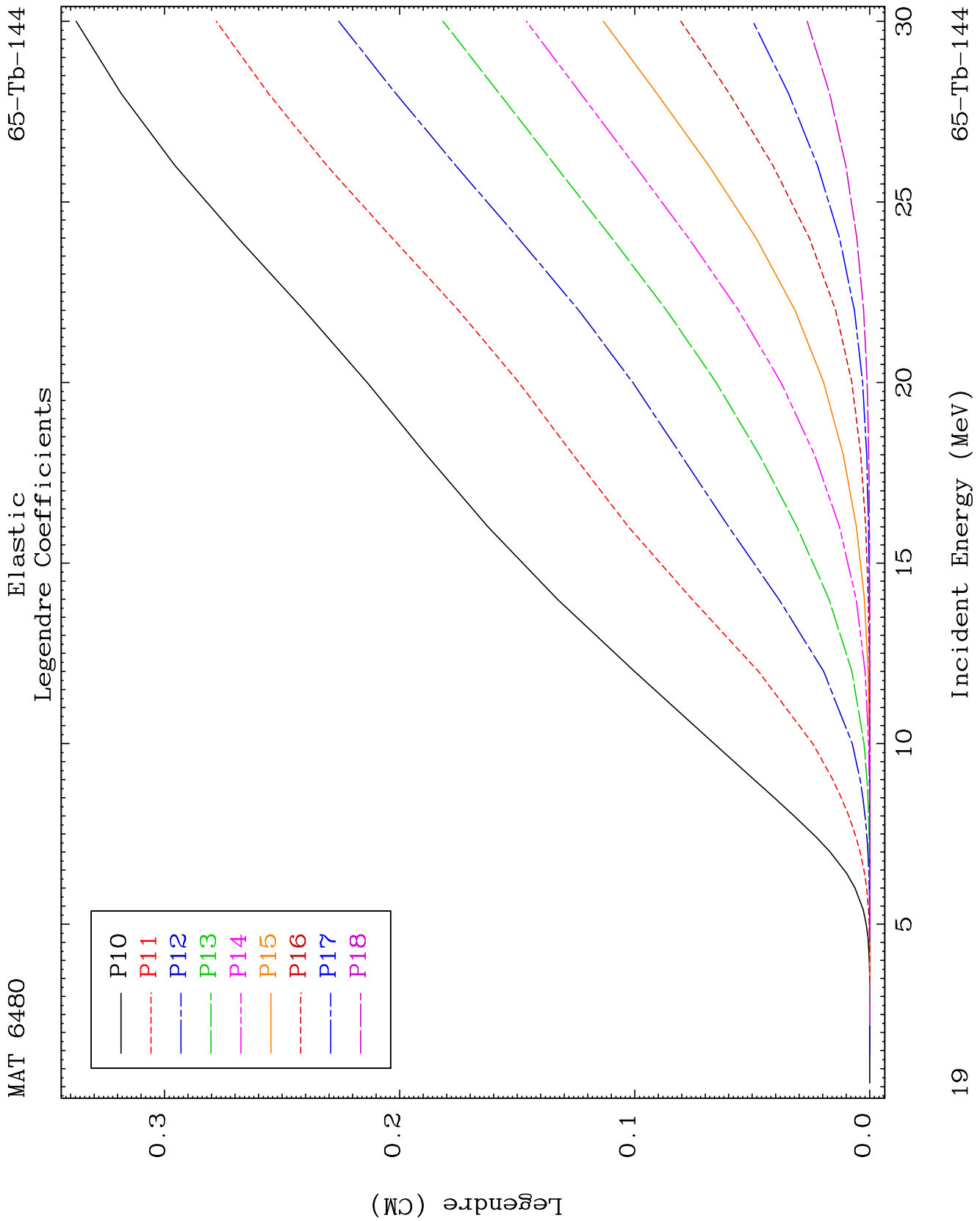


MAT 6480

(n, α) Levels
293 Kelvin Cross Sections

65-Tb-144

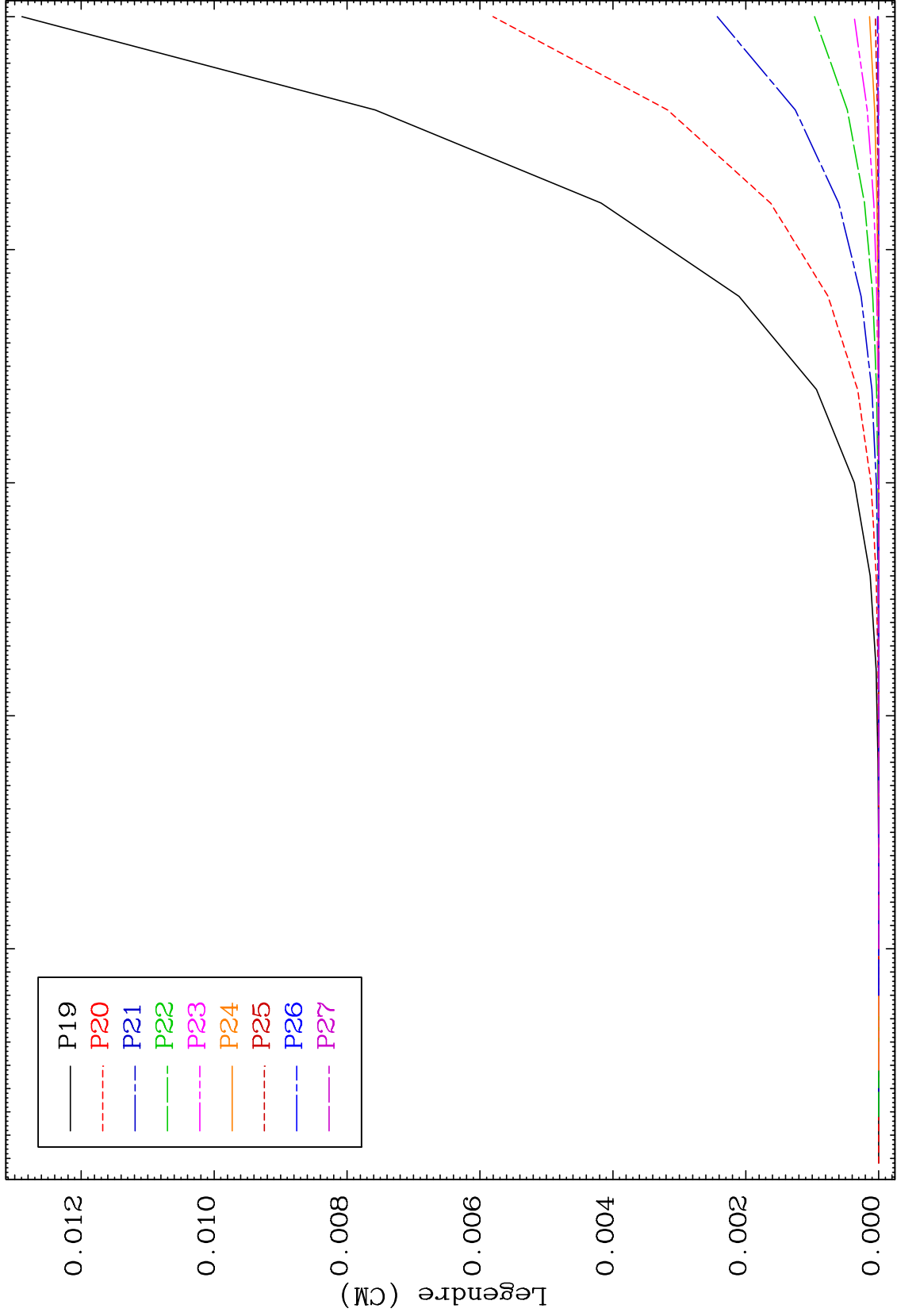




MAT 6480

Elastic Legendre Coefficients

65-Tb-144



20

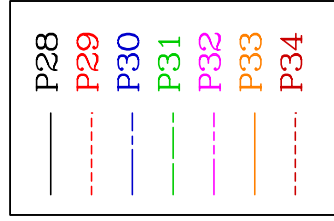
Incident Energy (MeV)

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

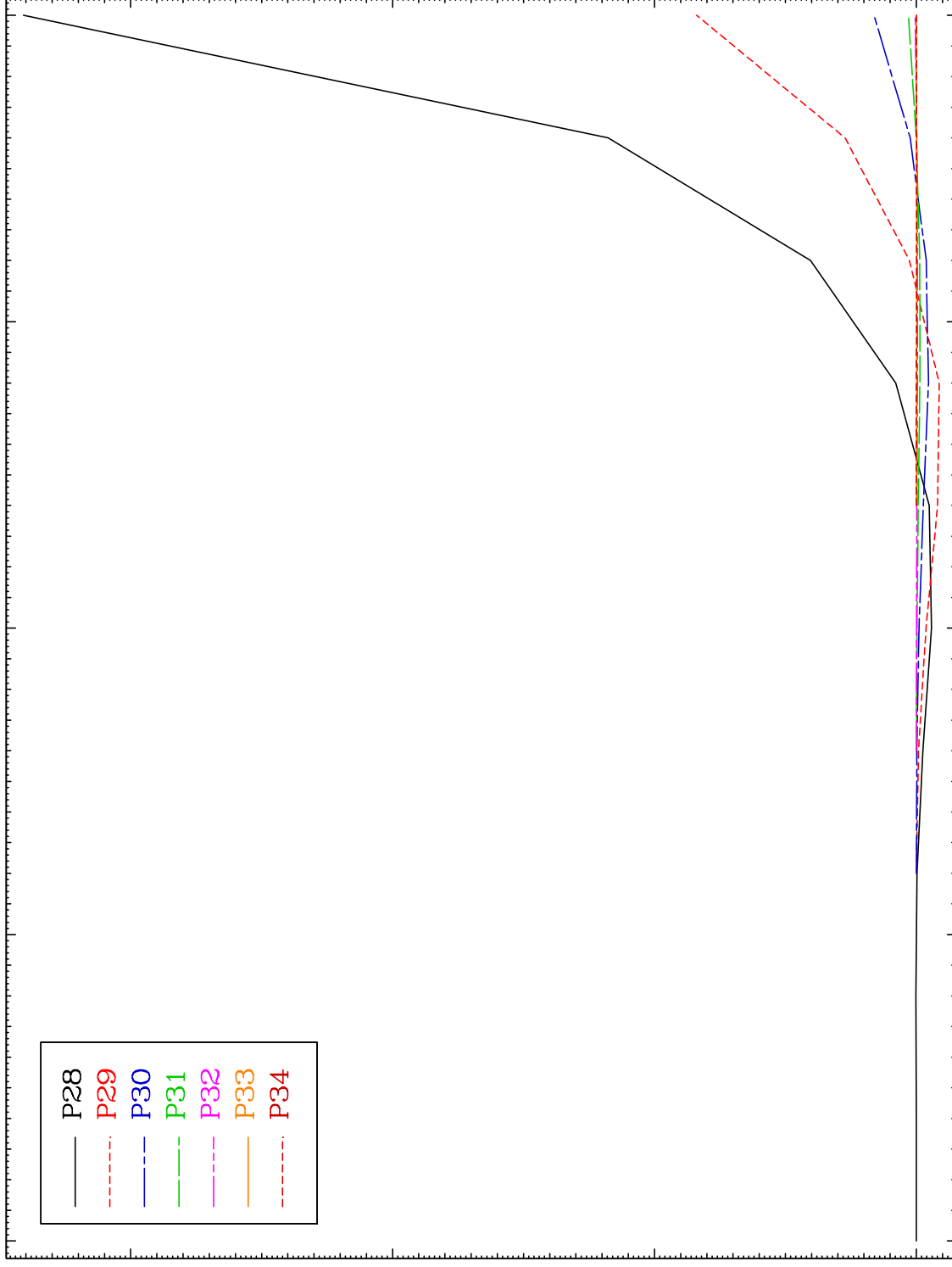
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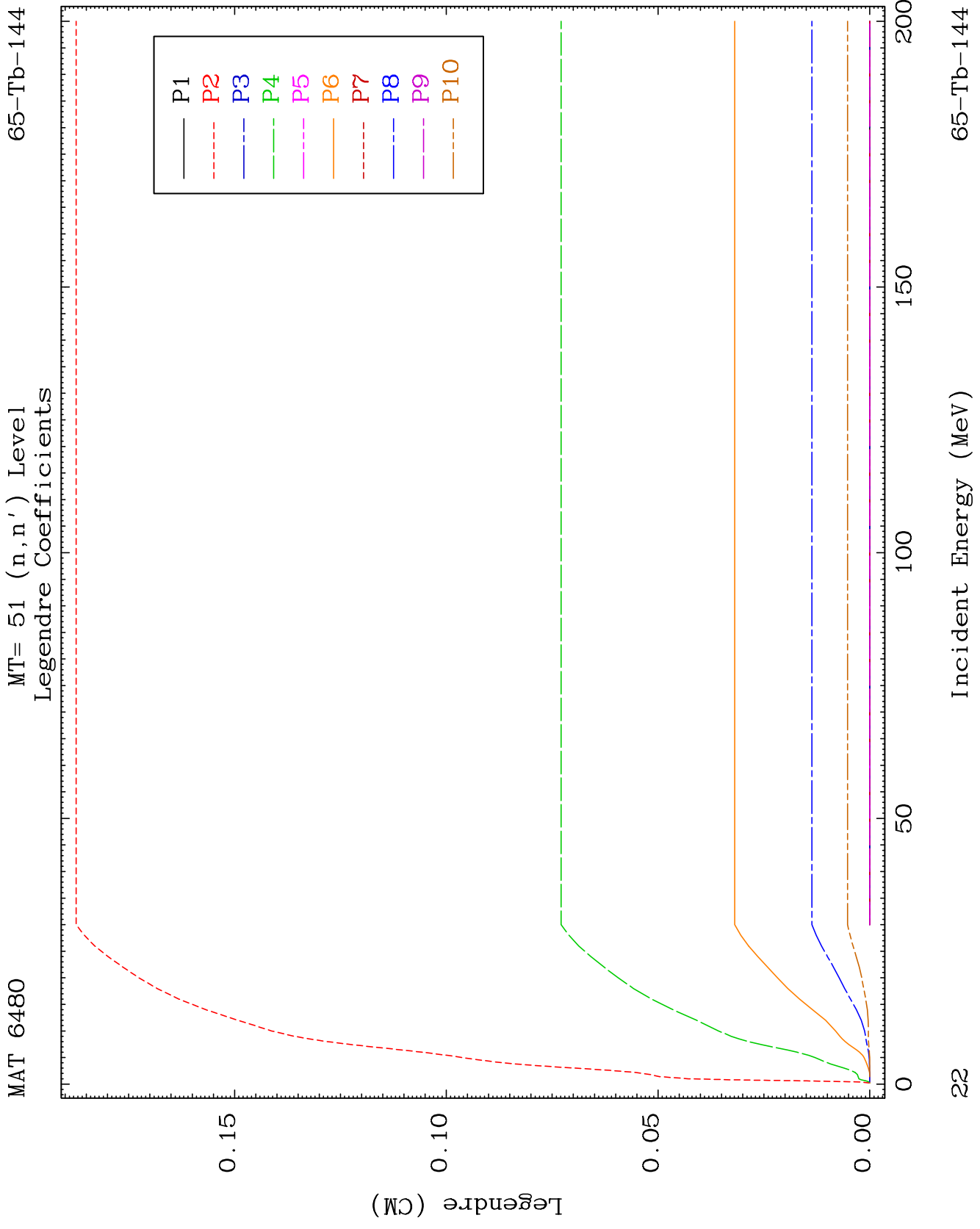
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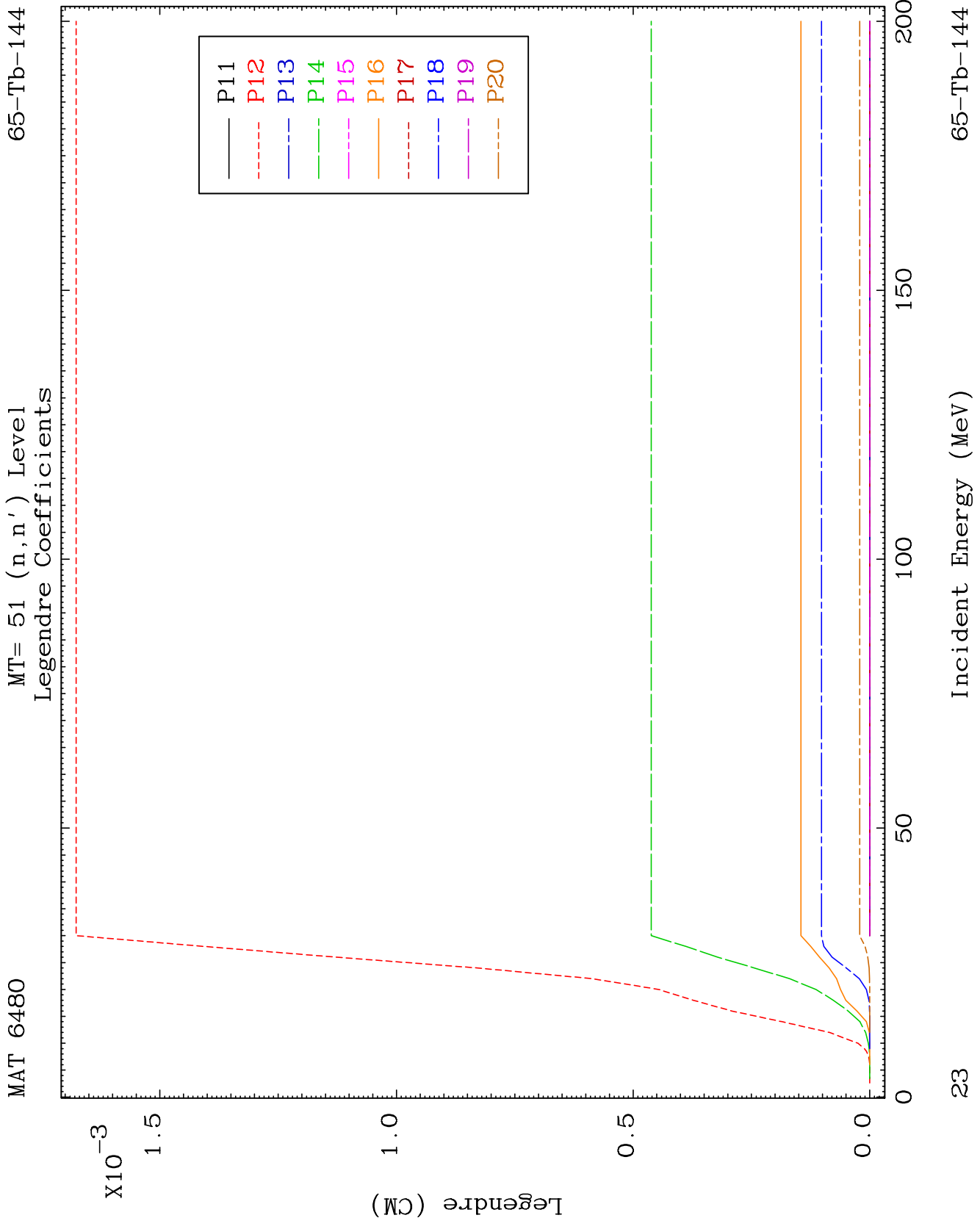
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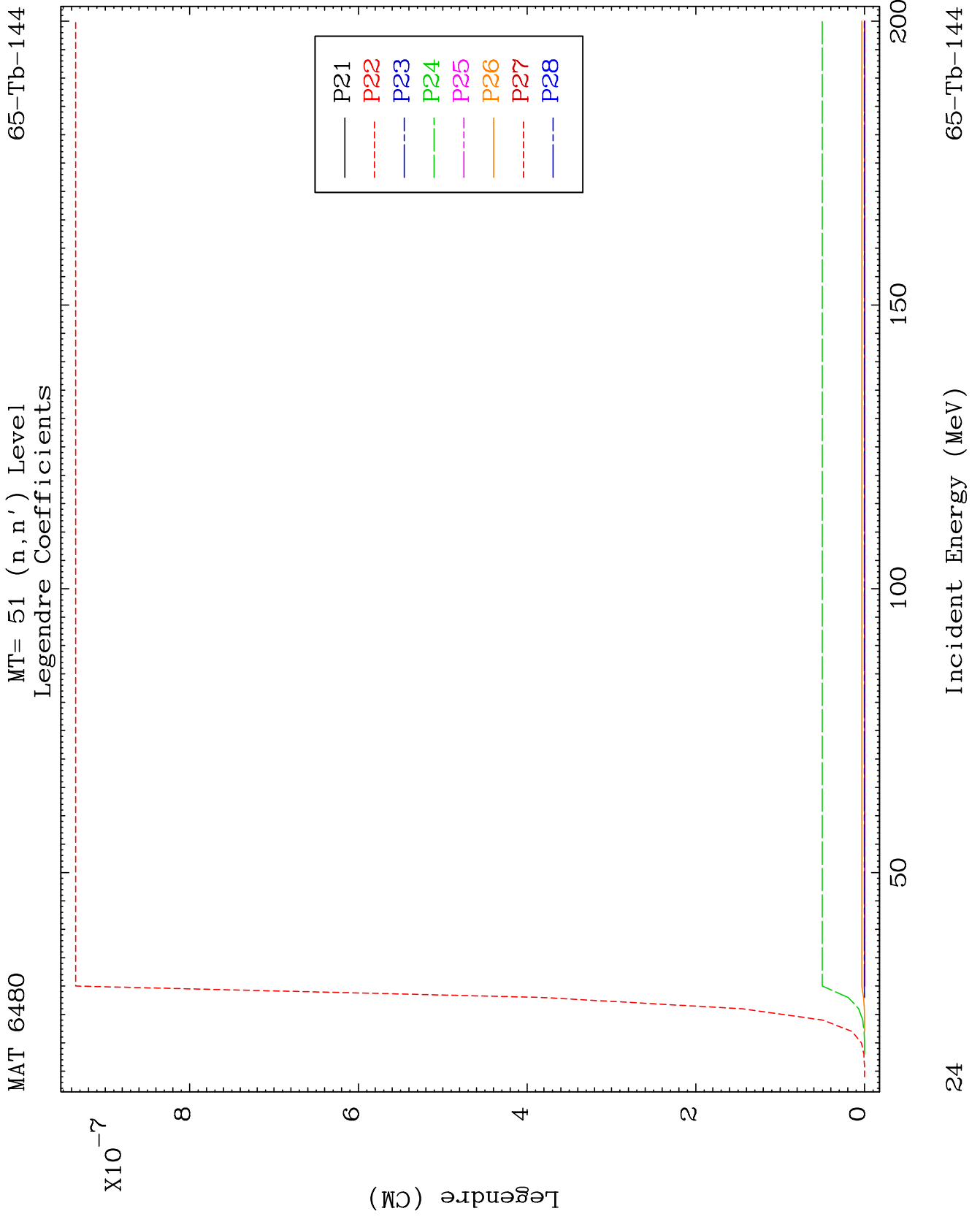
Incident Energy (MeV)

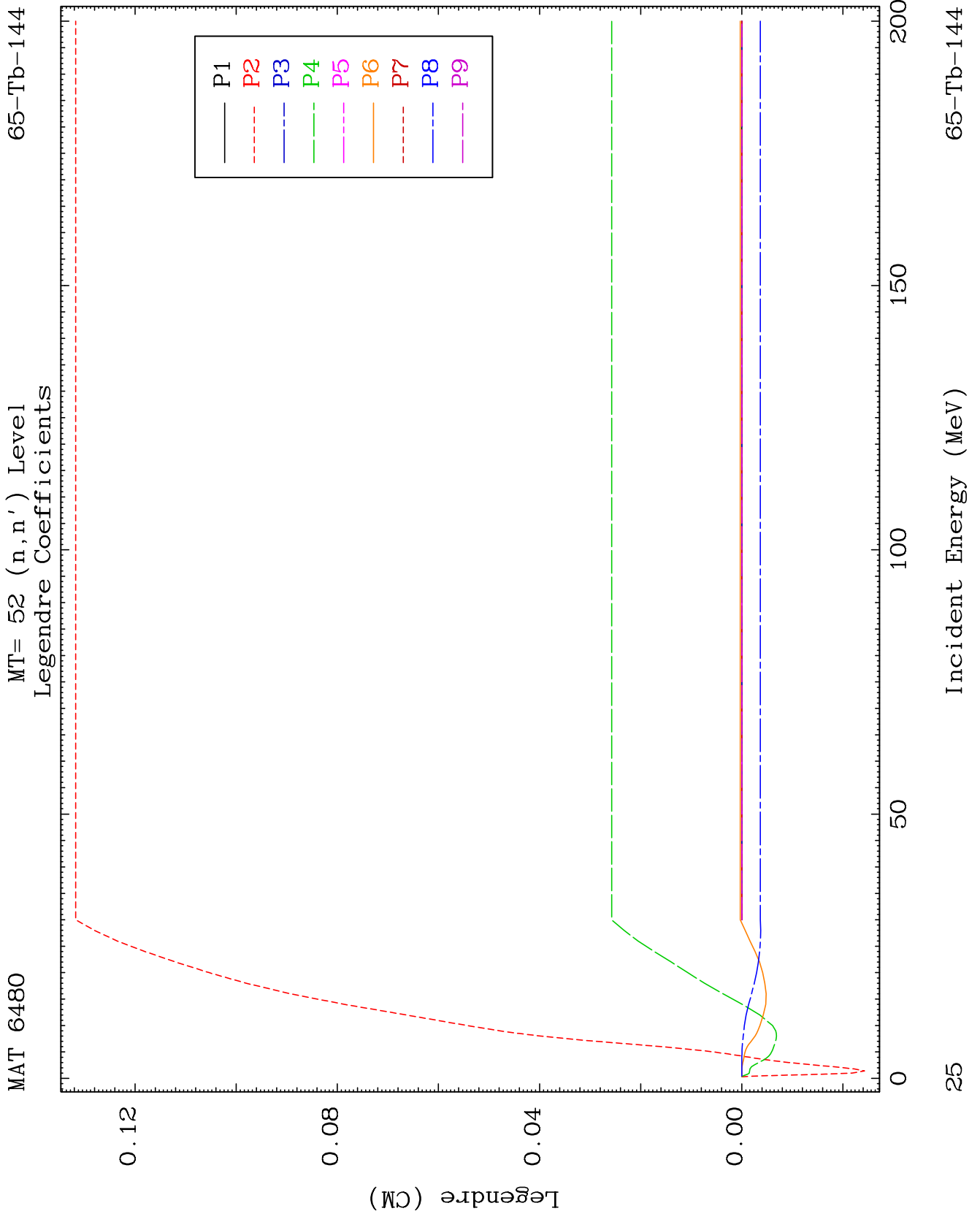
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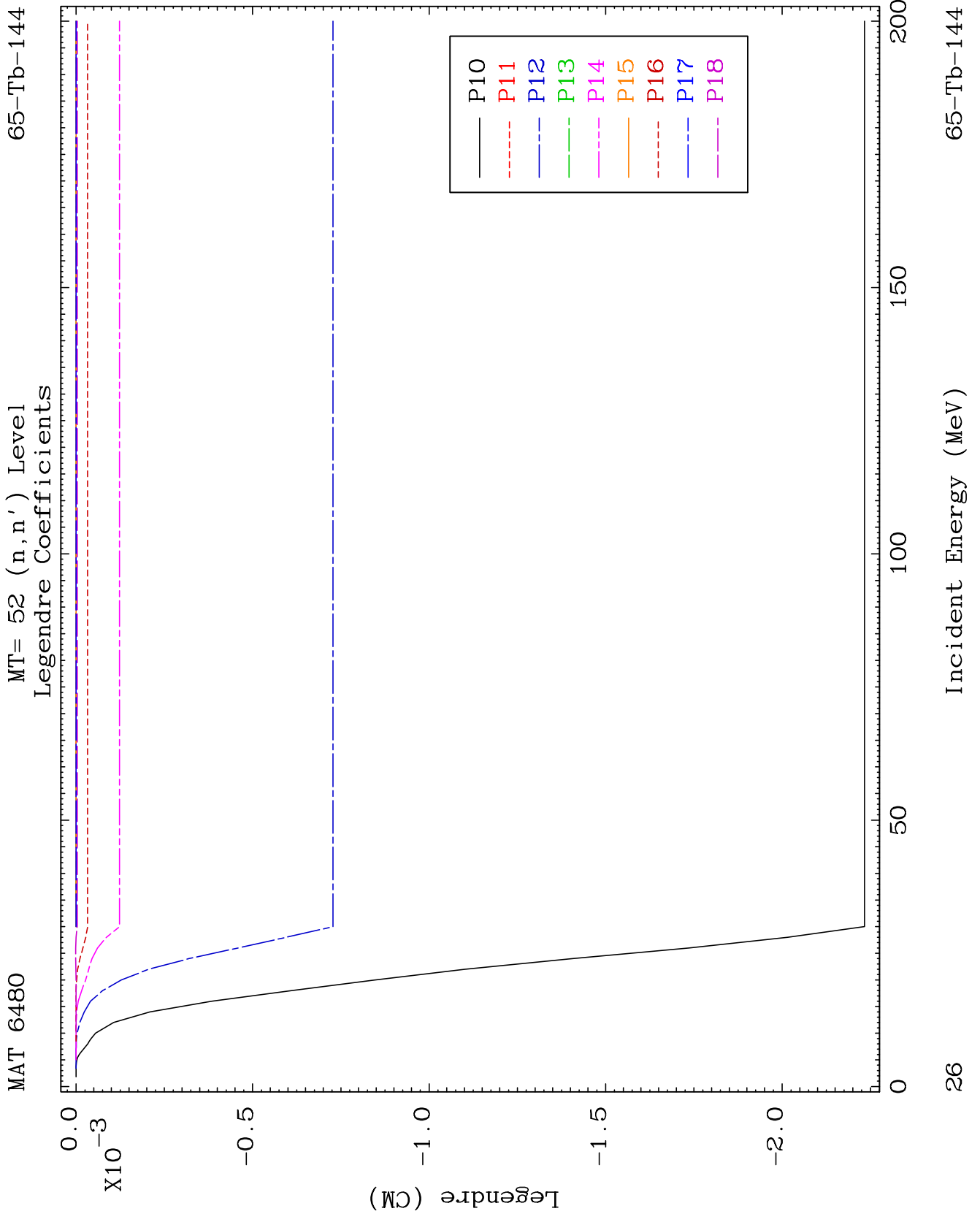


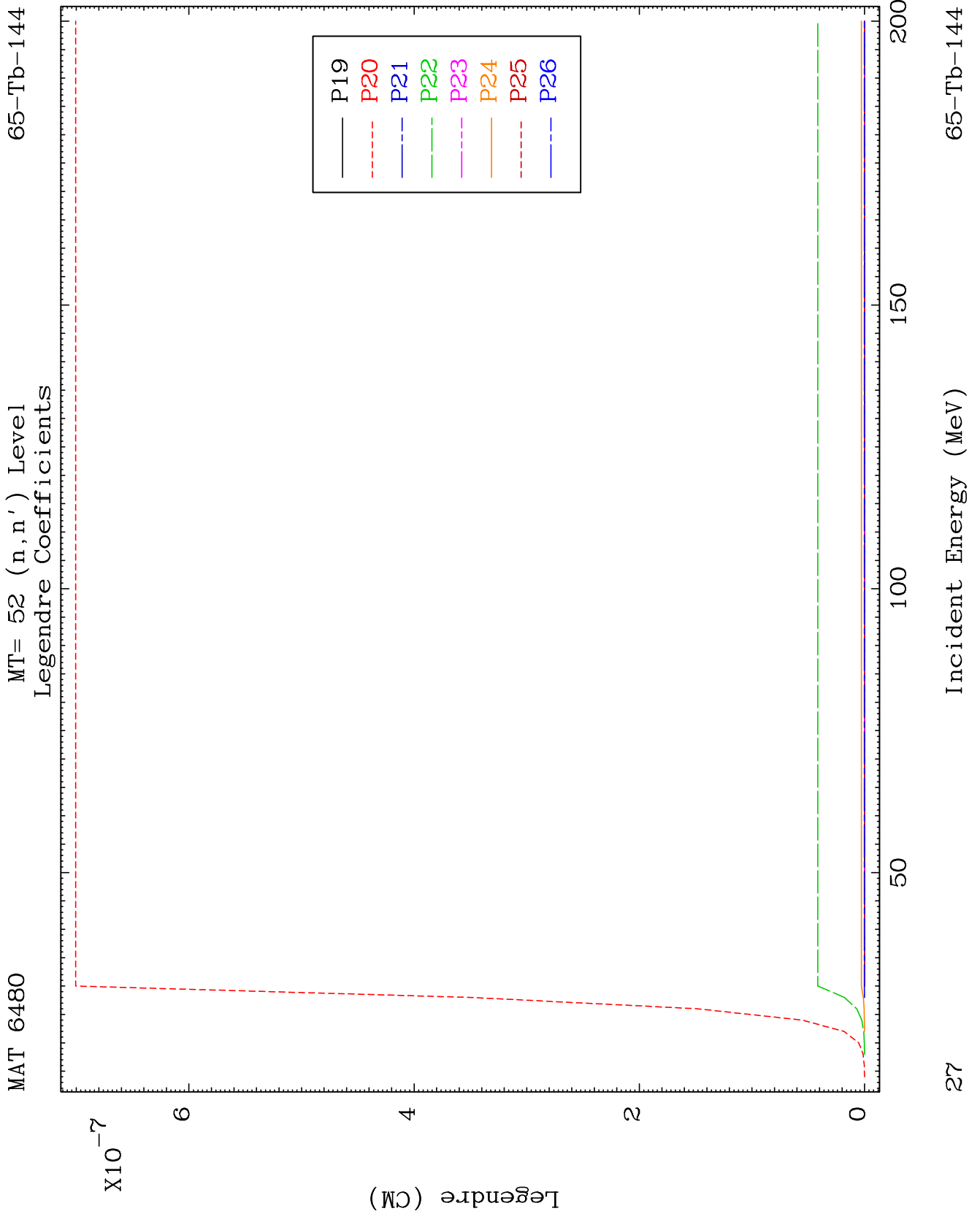


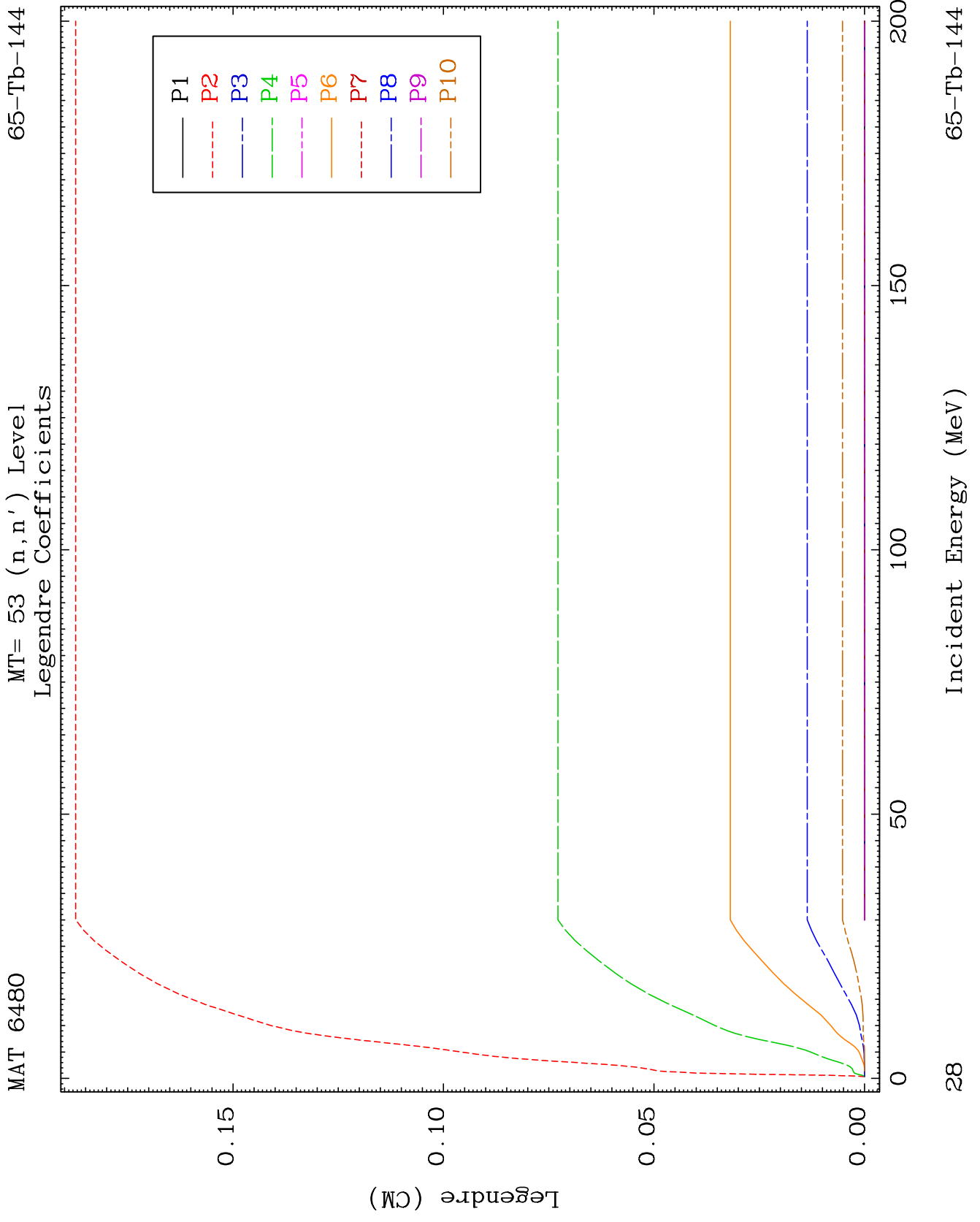


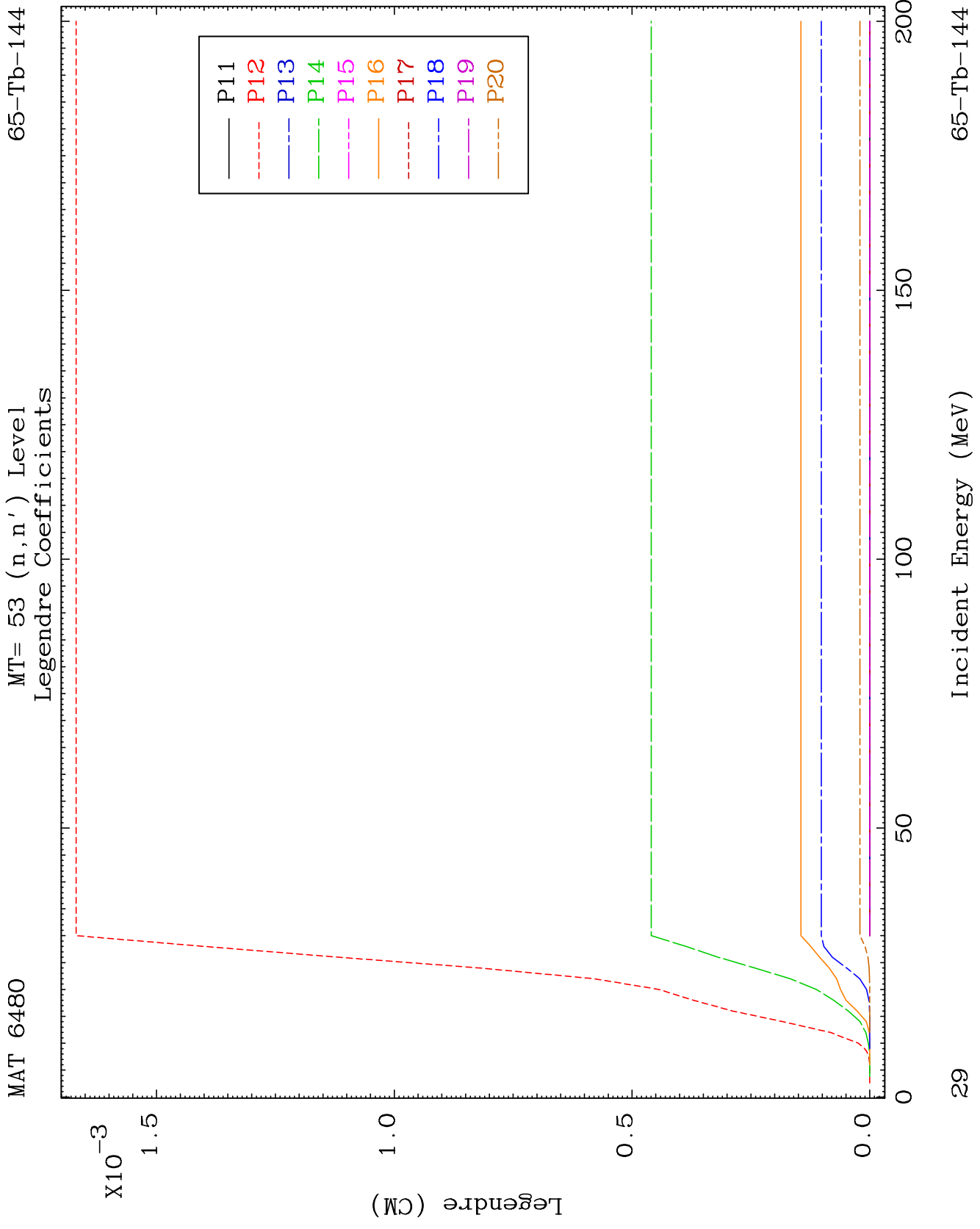


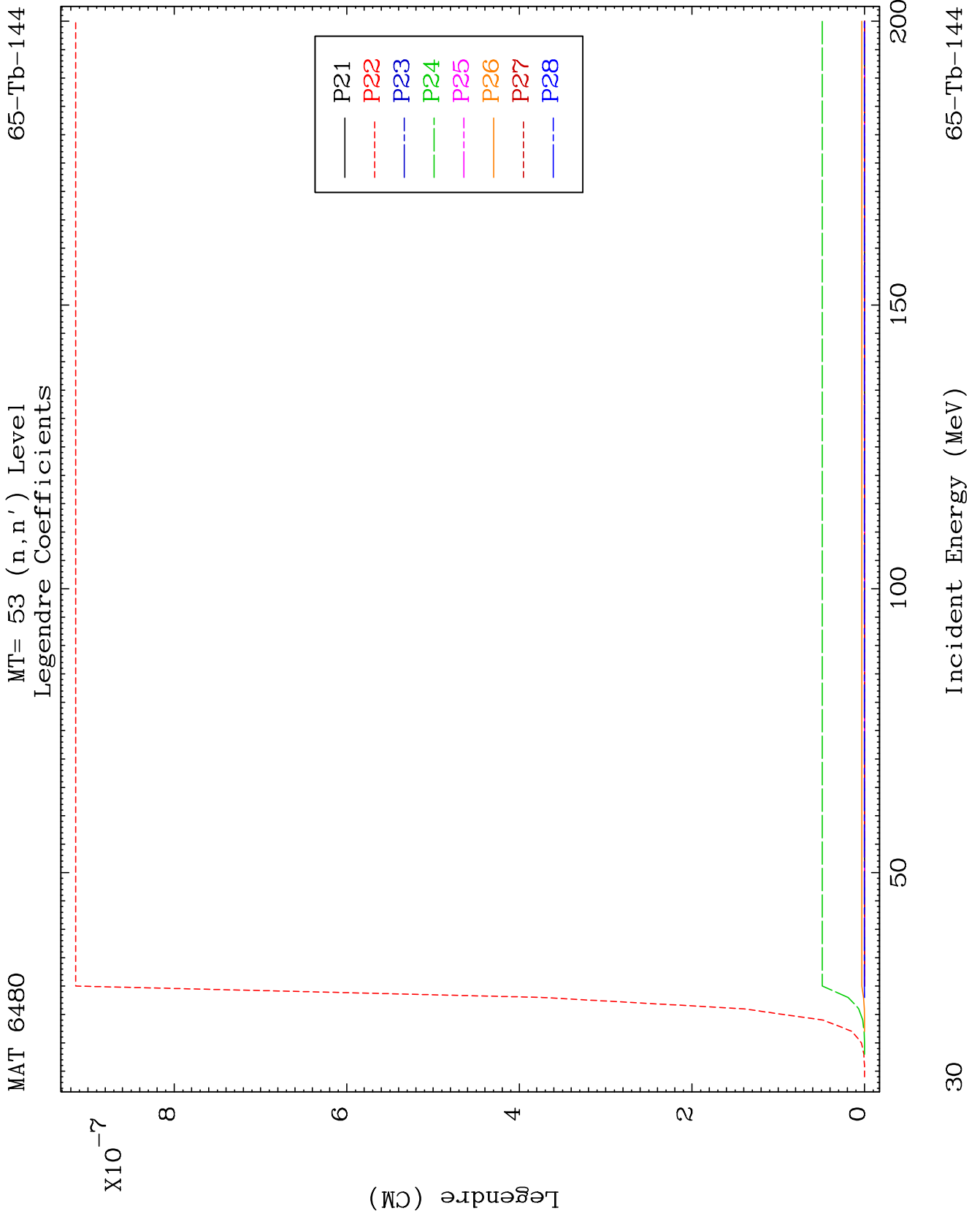








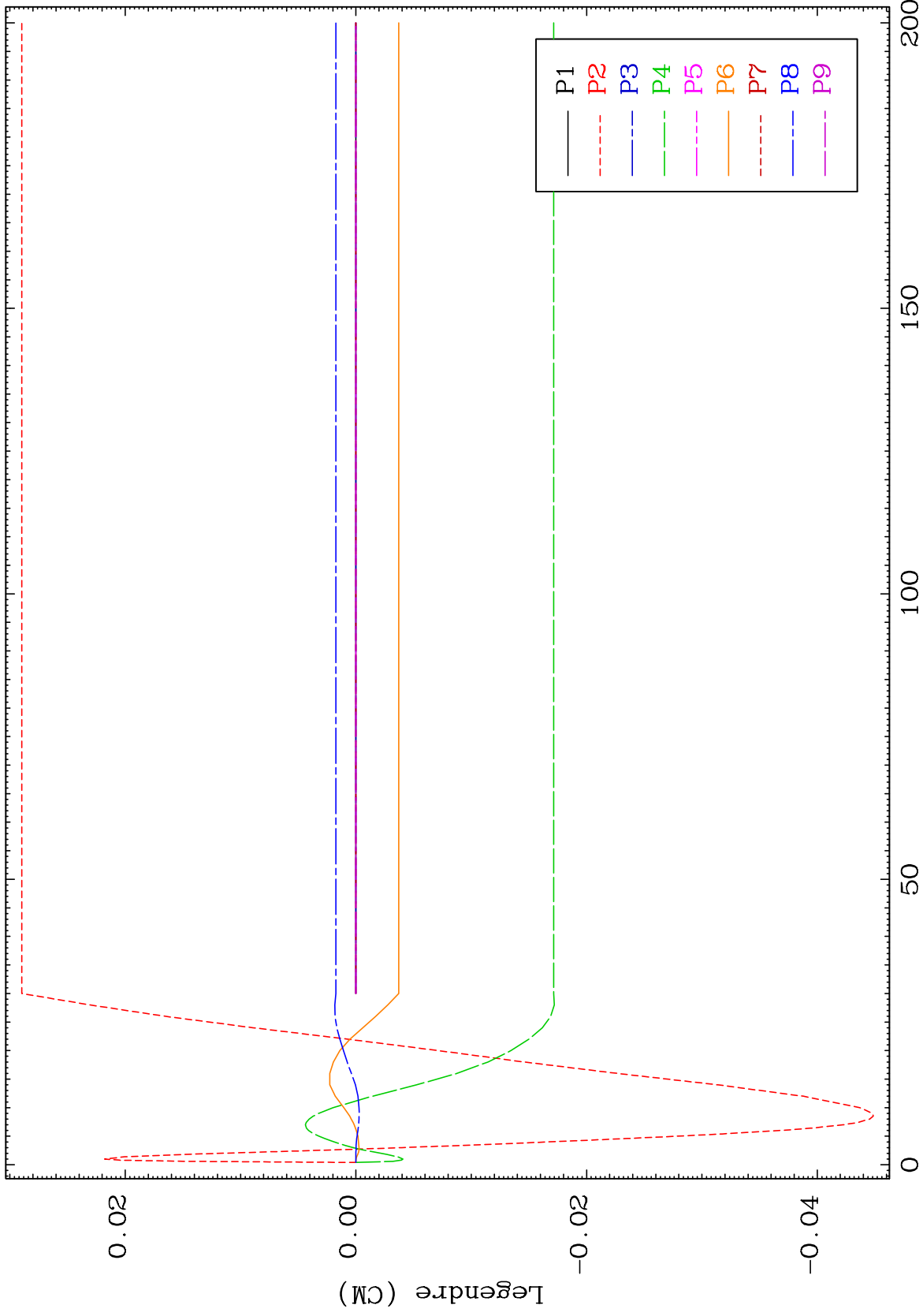




MAT 6480

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

65-Tb-144



31

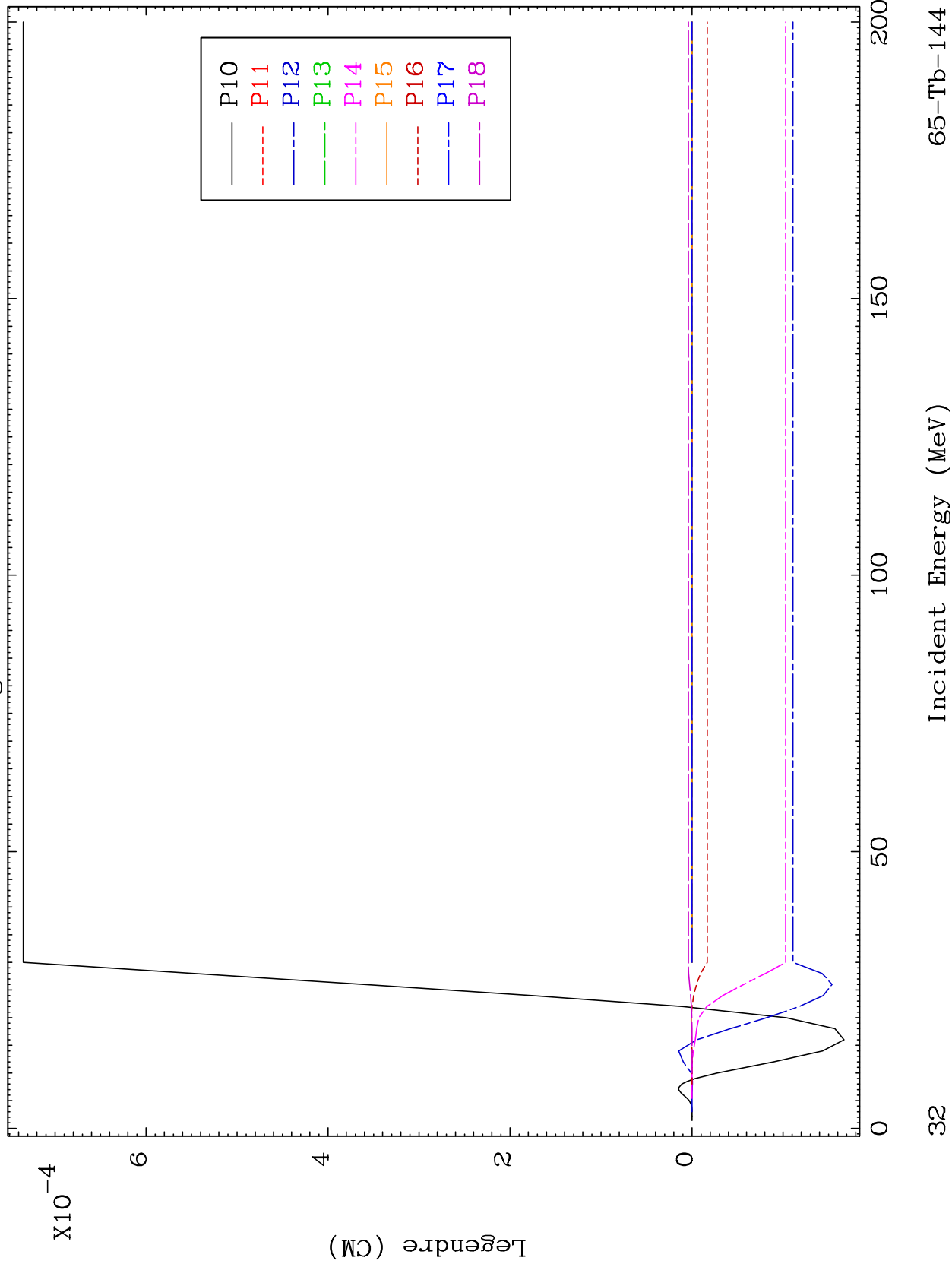
Incident Energy (MeV)

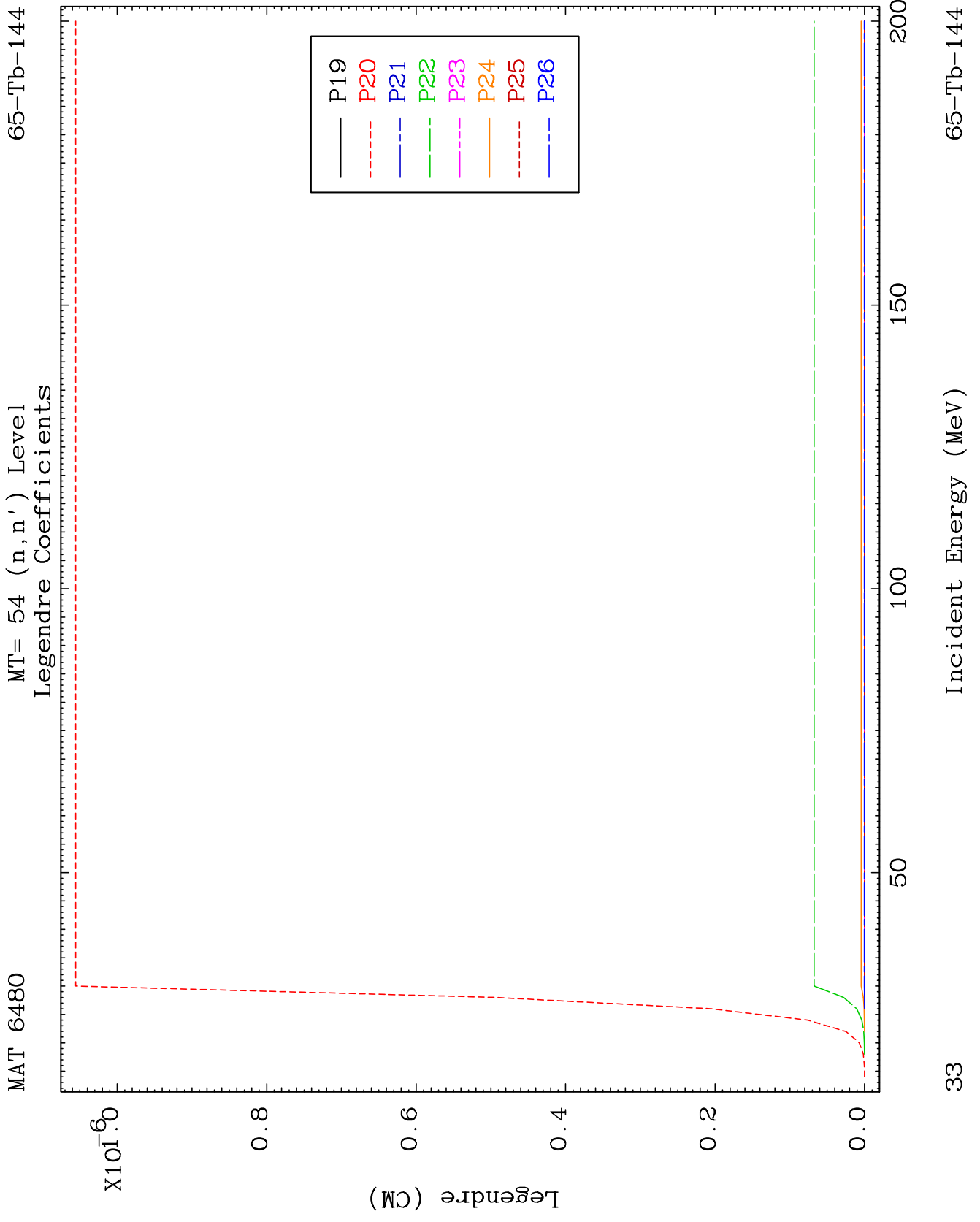
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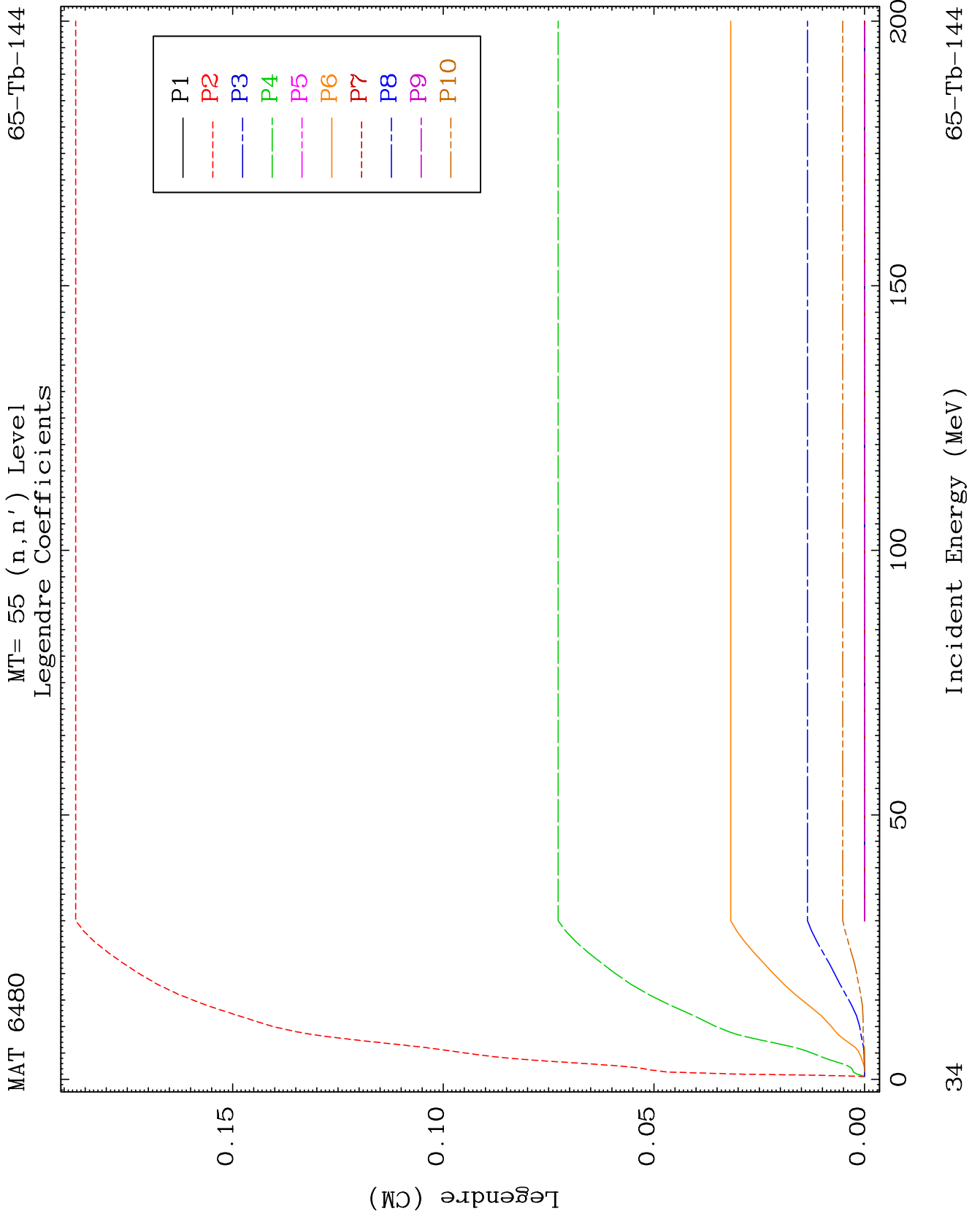
MAT 6480

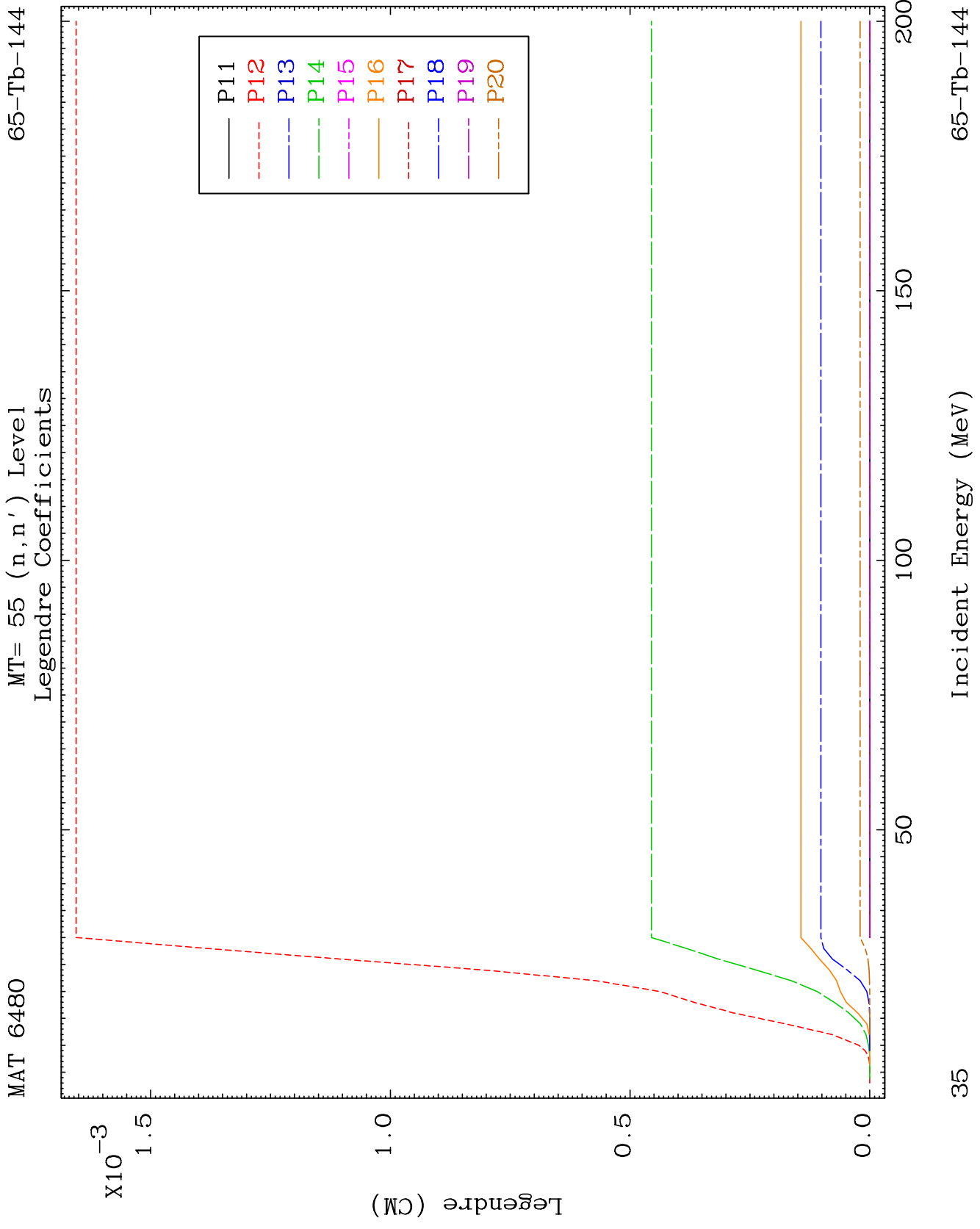
MT= 54 (n,n') Level
Legendre Coefficients

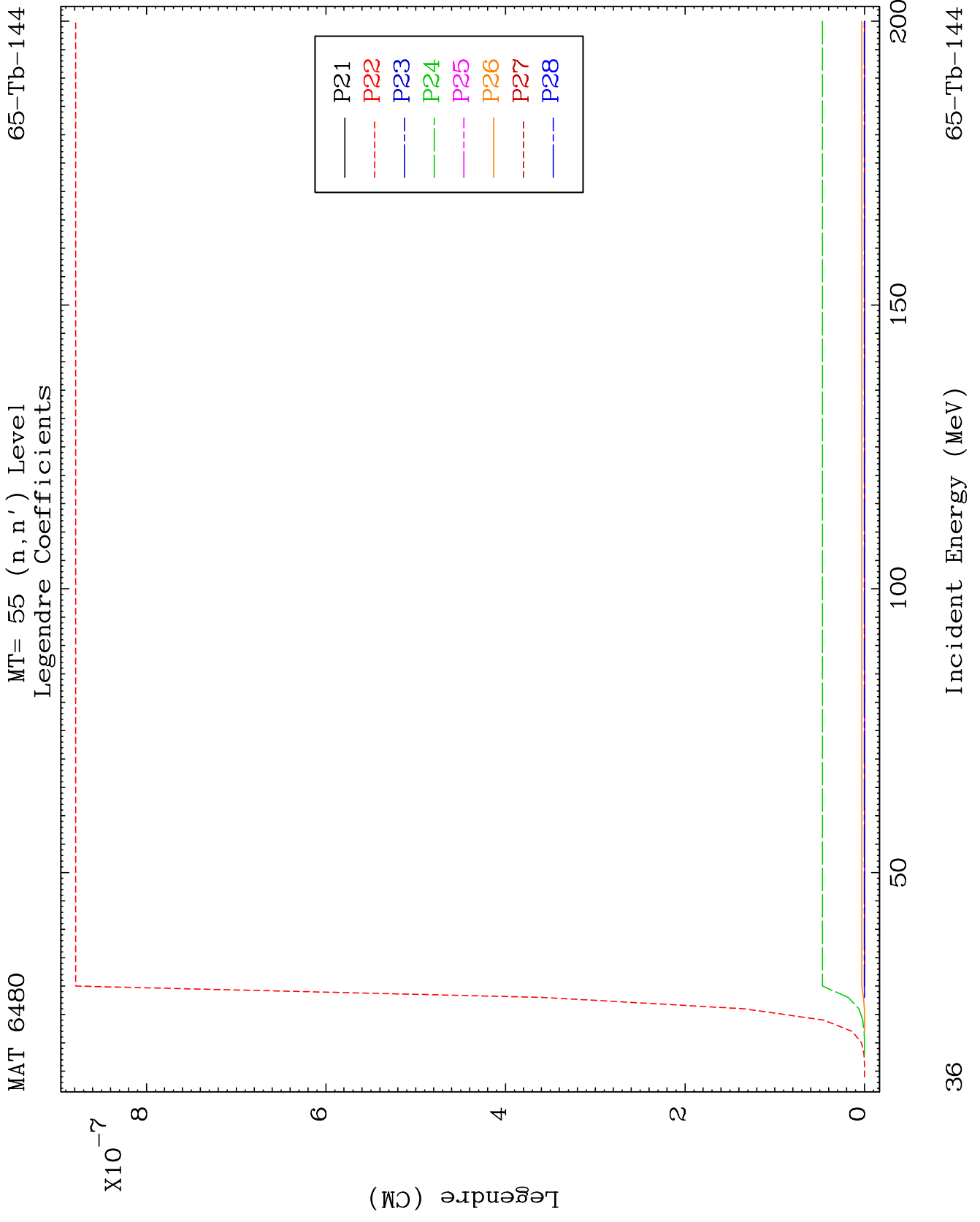
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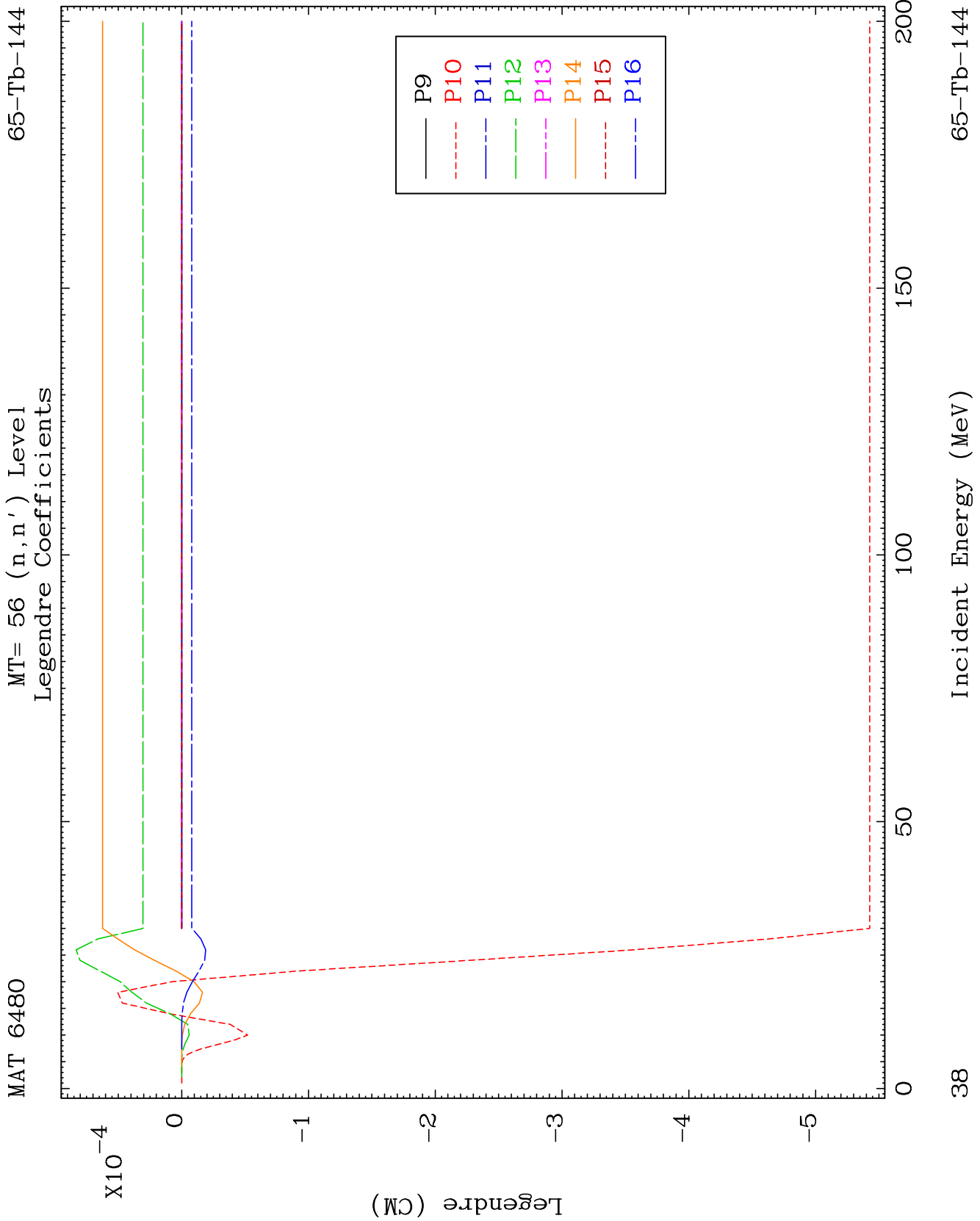


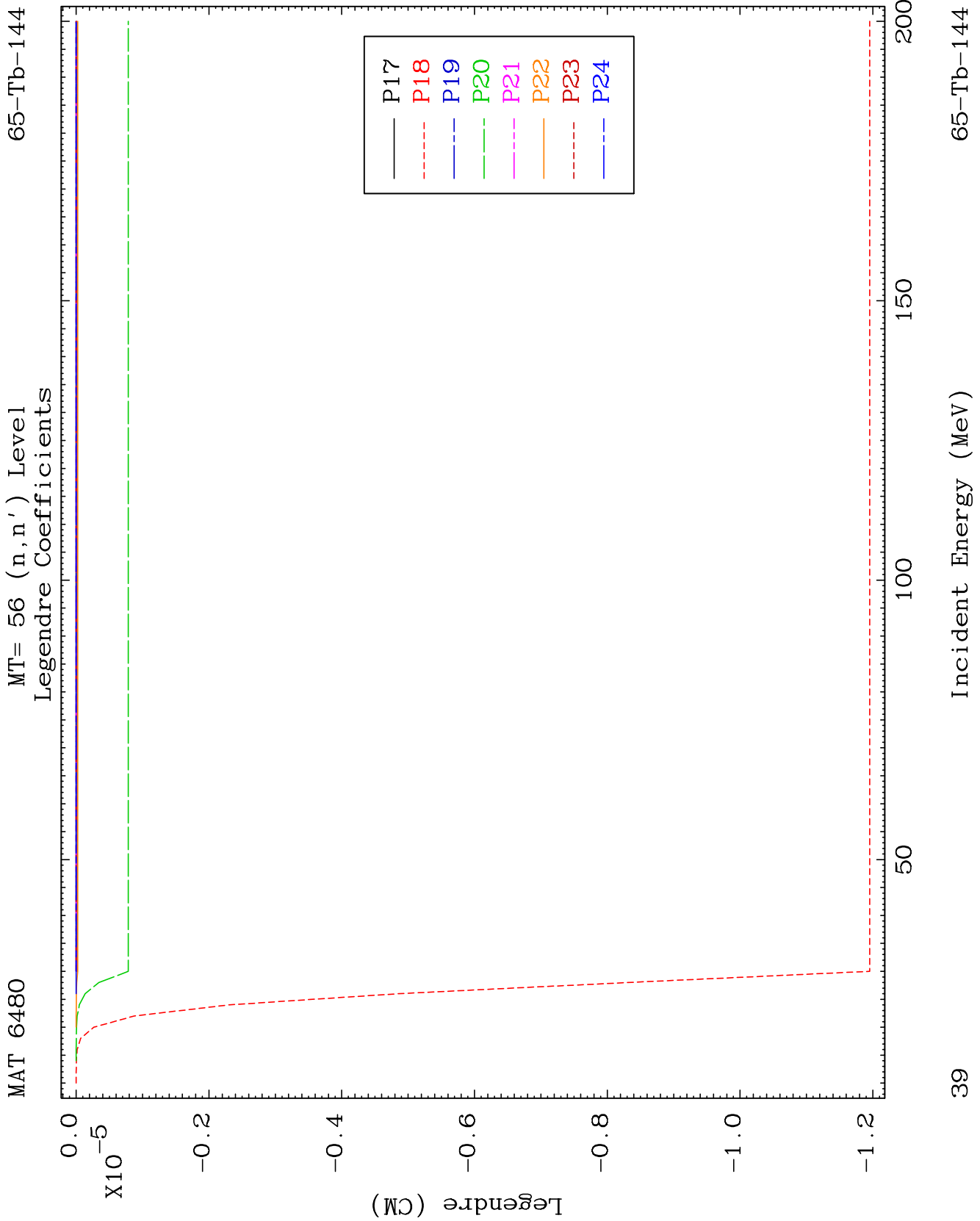








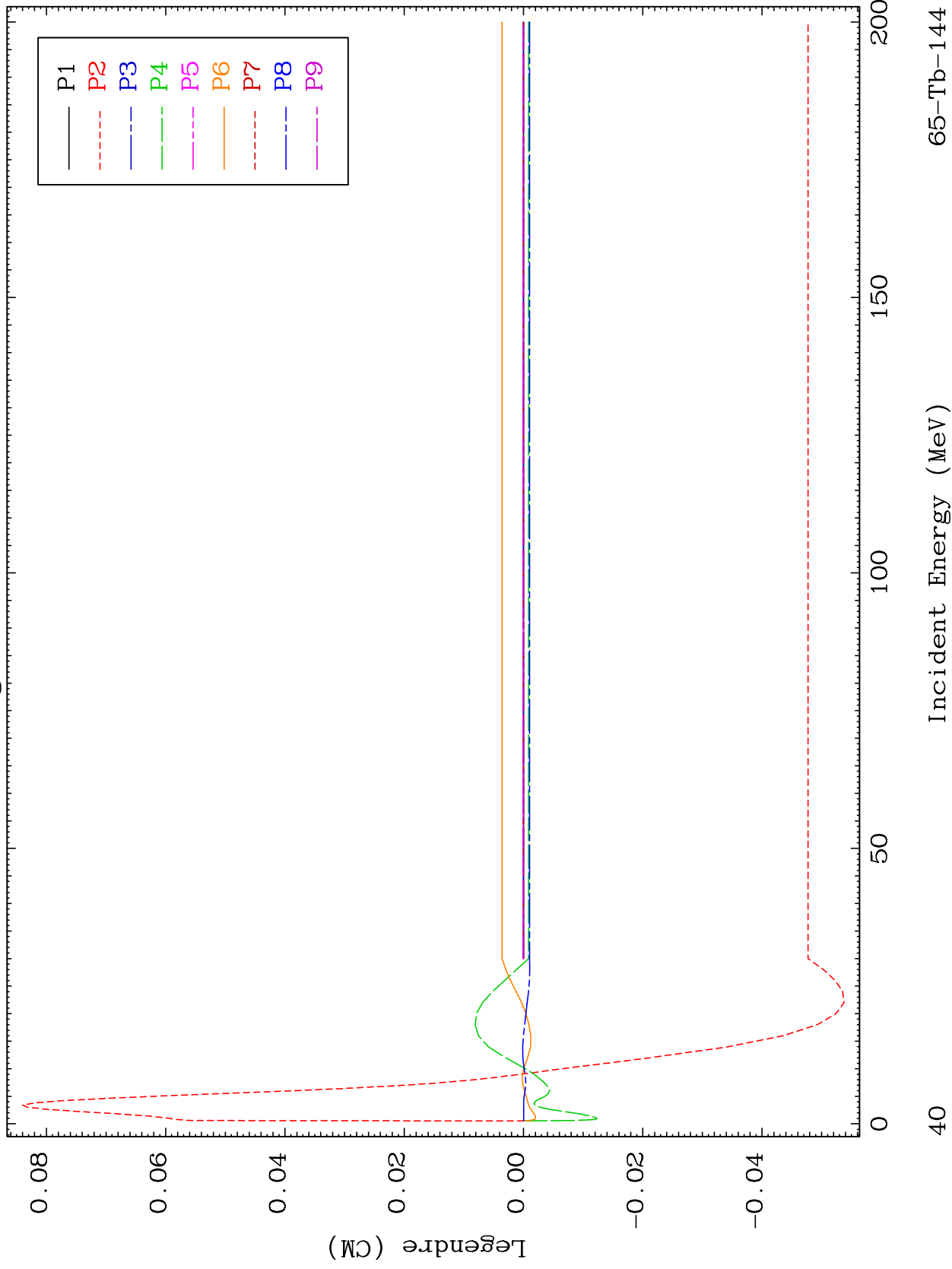




MAT 6480

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

65-Tb-144



65-Tb-144

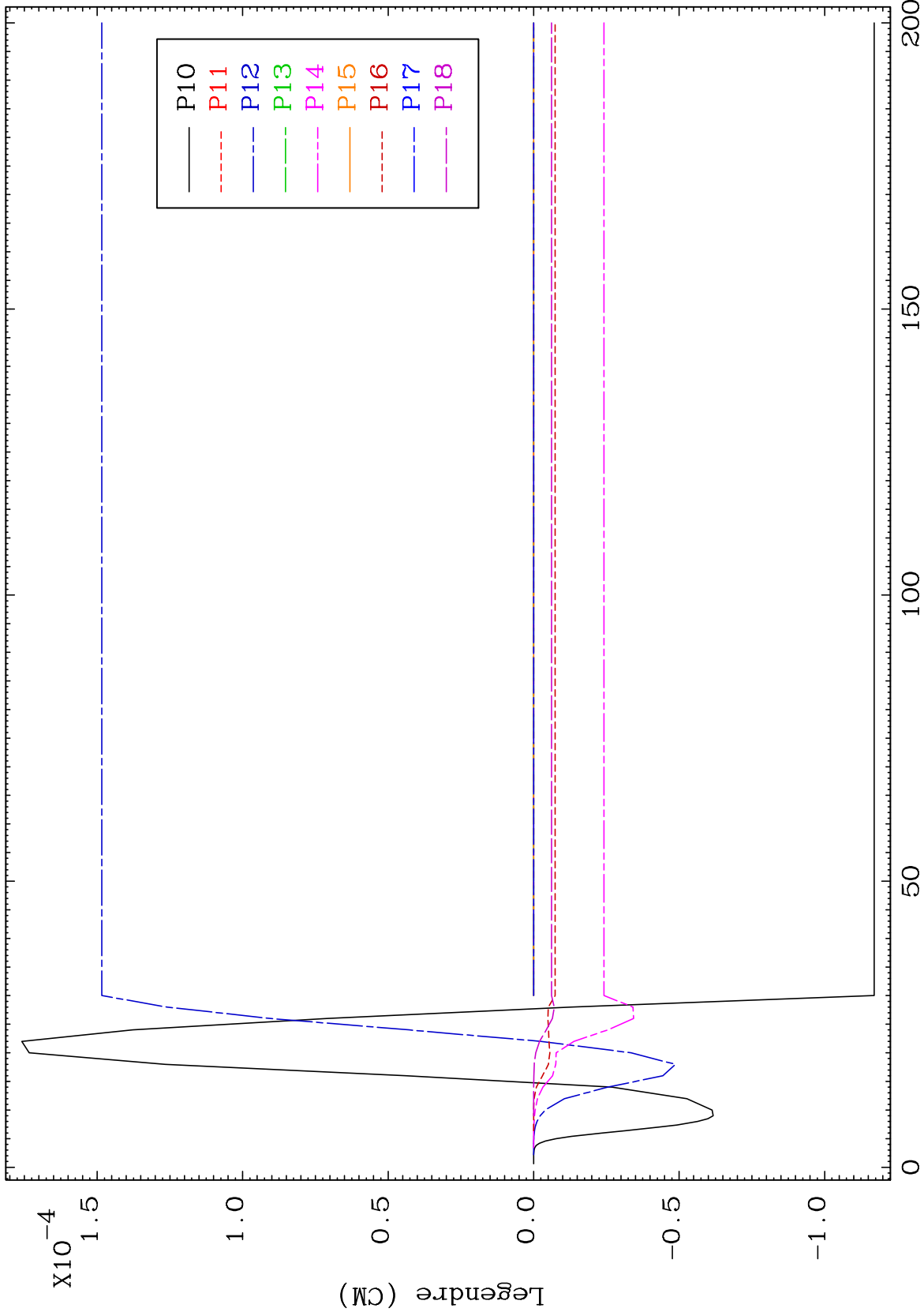
Incident Energy (MeV)

40

MAT 6480

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

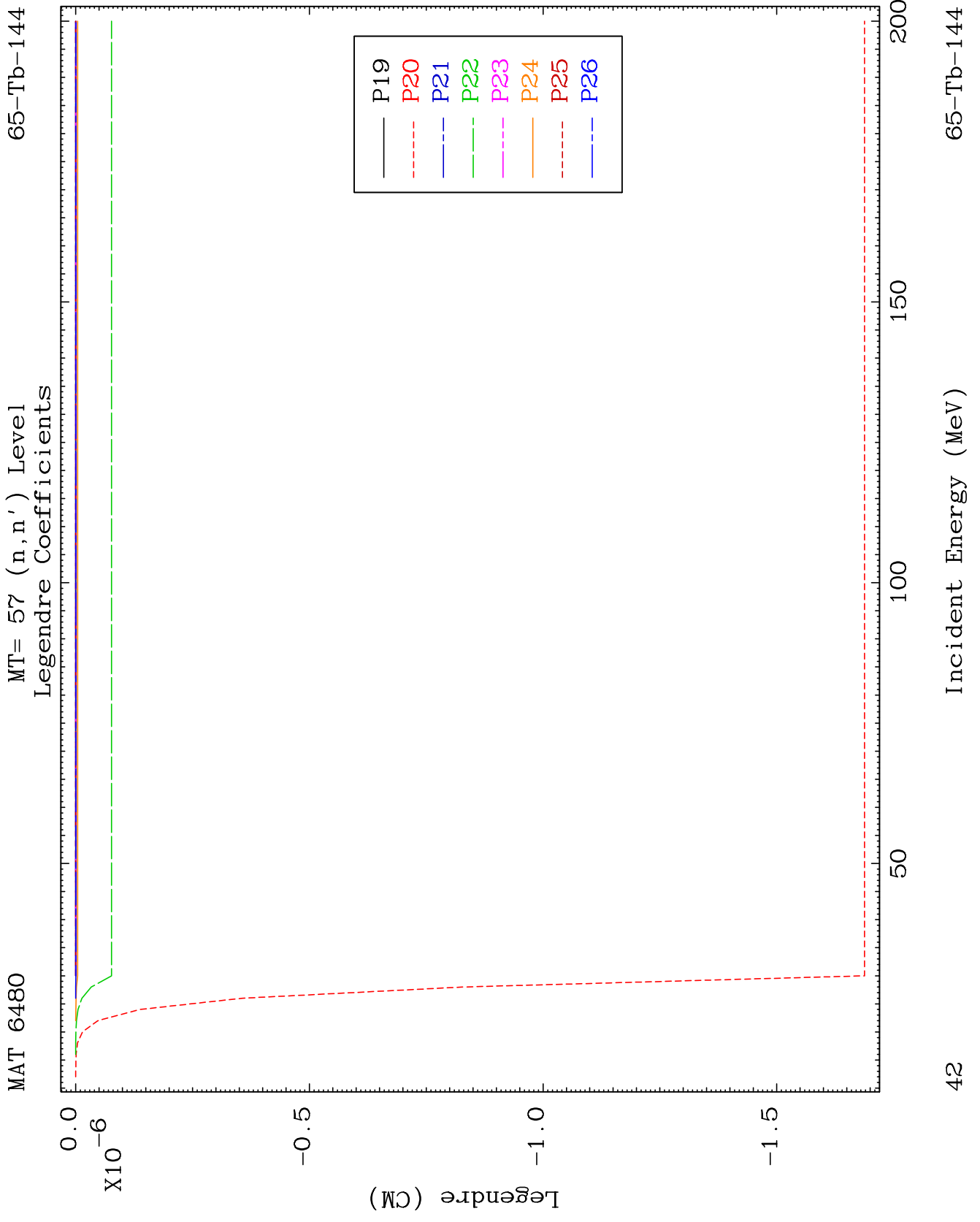
65-Tb-144



41

Incident Energy (MeV)

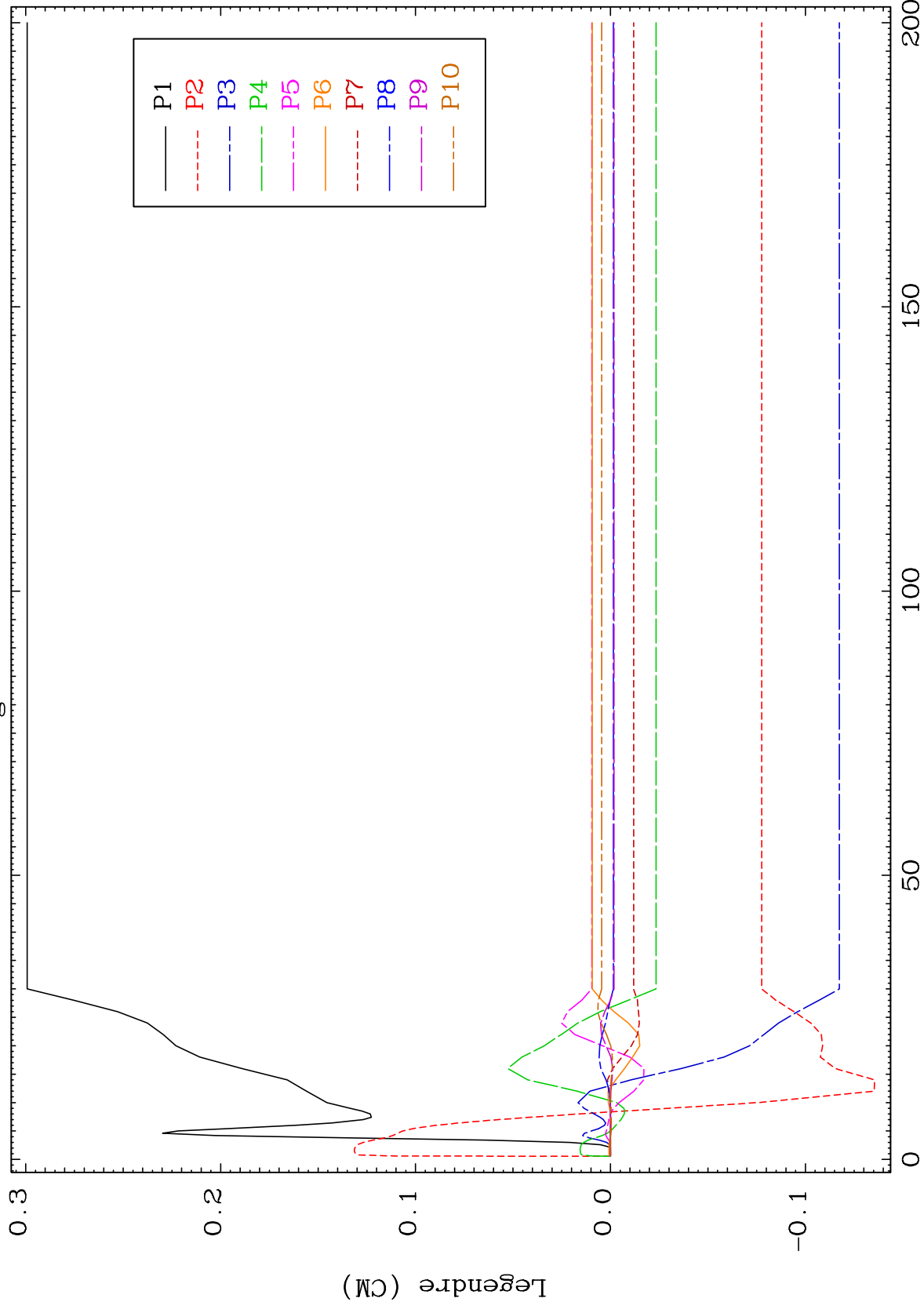
65-Tb-144



MAT 6480

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

65-Tb-144



43

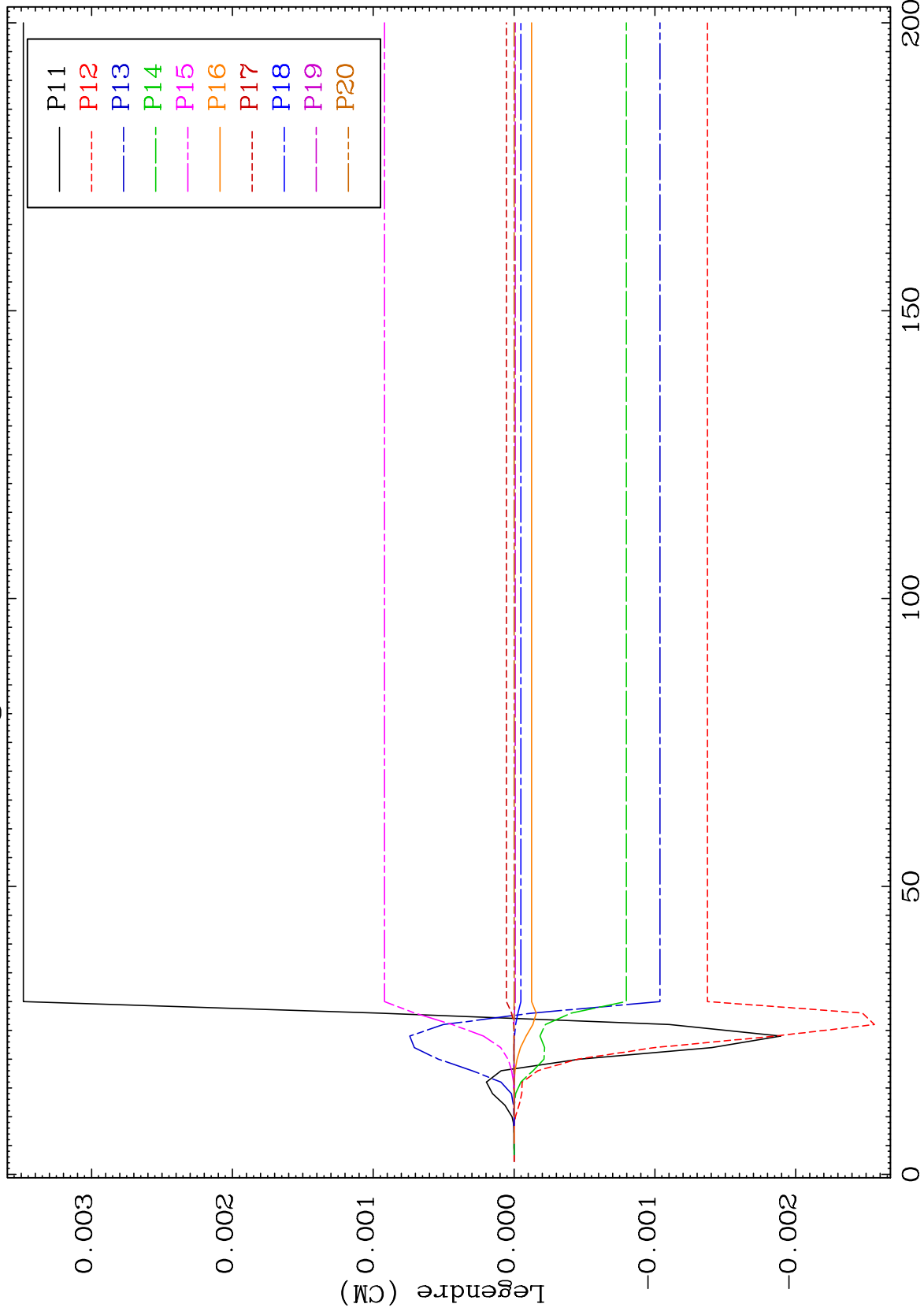
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

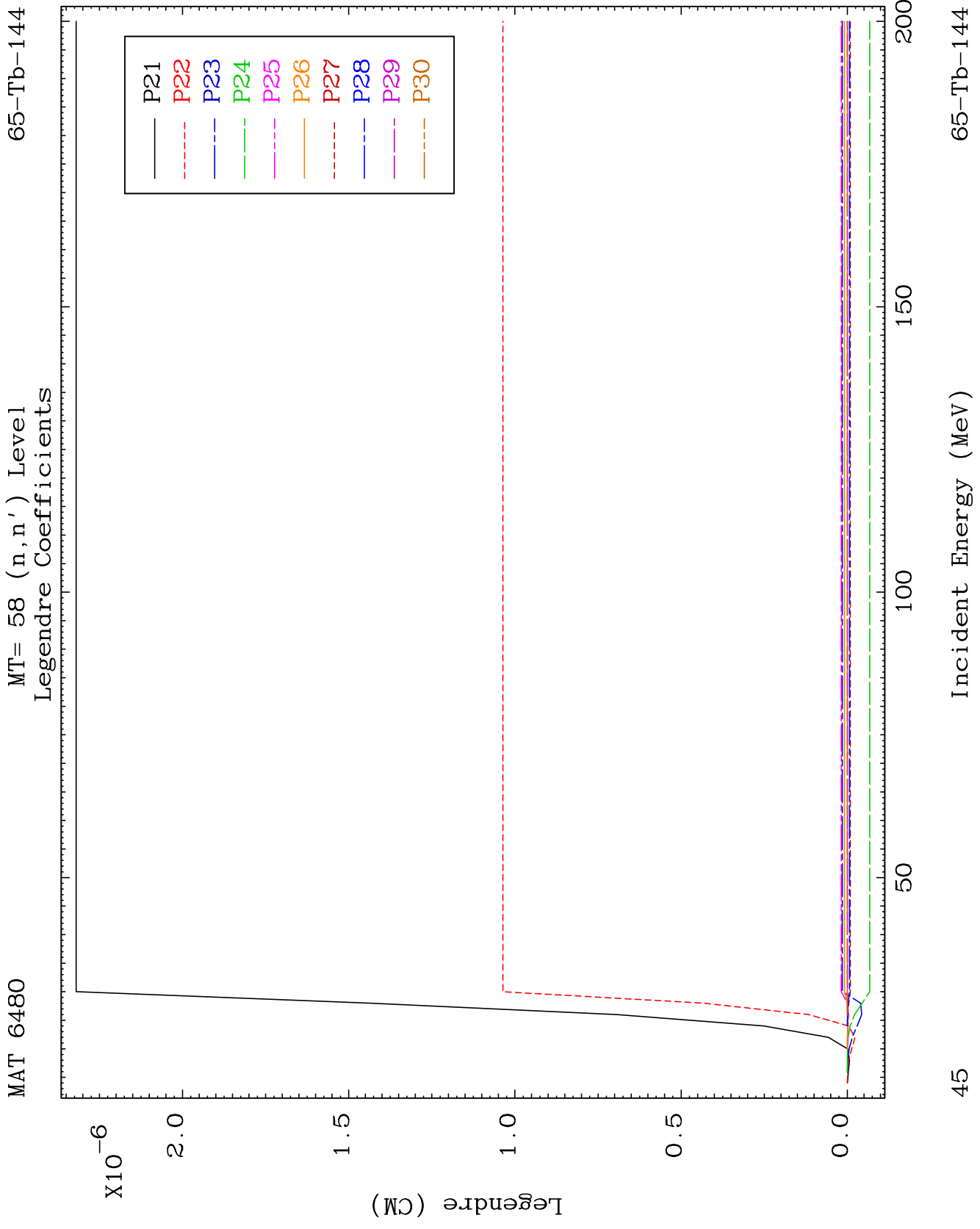
65-Tb-144



44

Incident Energy (MeV)

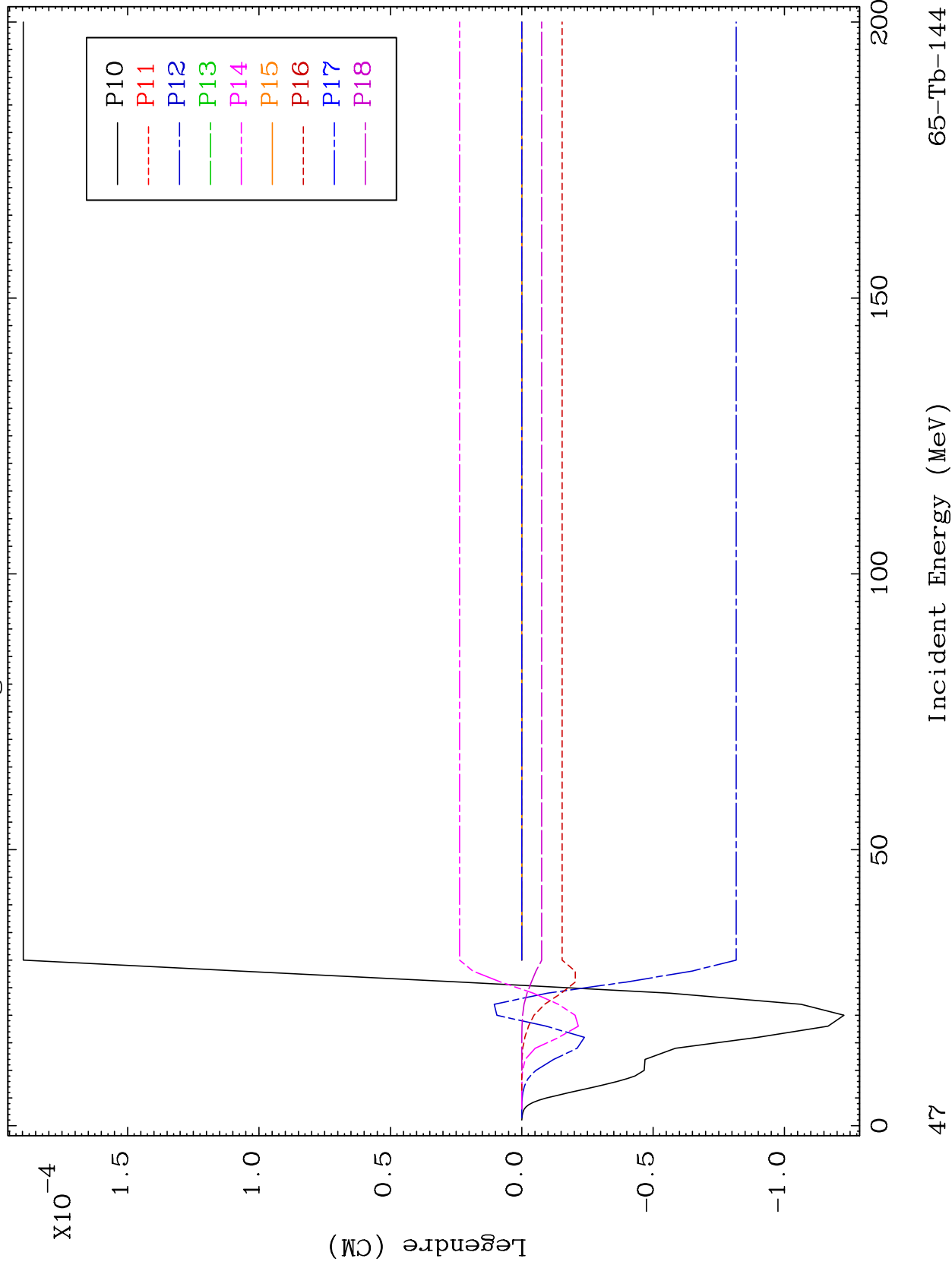
65-Tb-144



MAT 6480

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

65-Tb-144



47

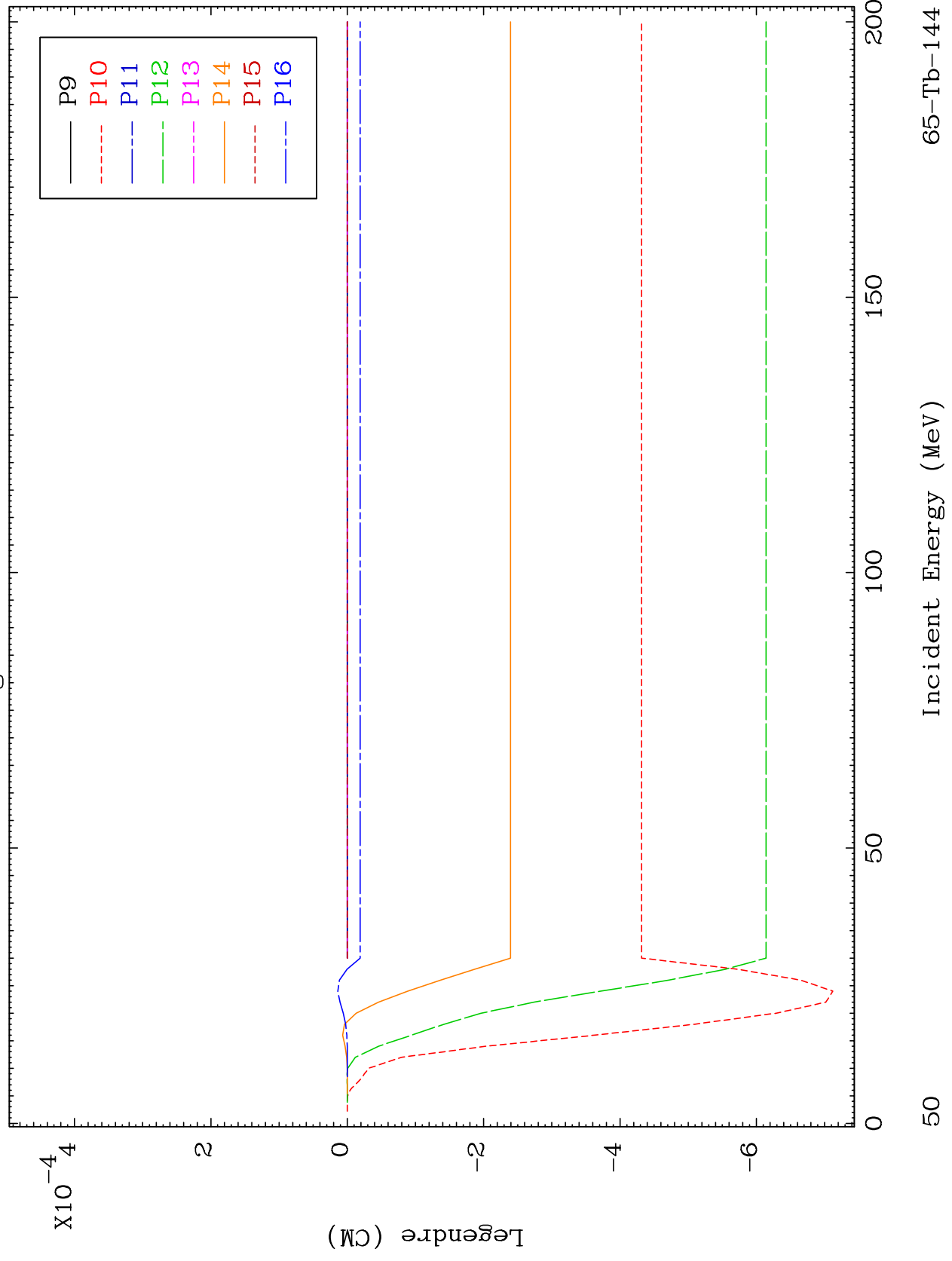
Incident Energy (MeV)

65-Tb-144

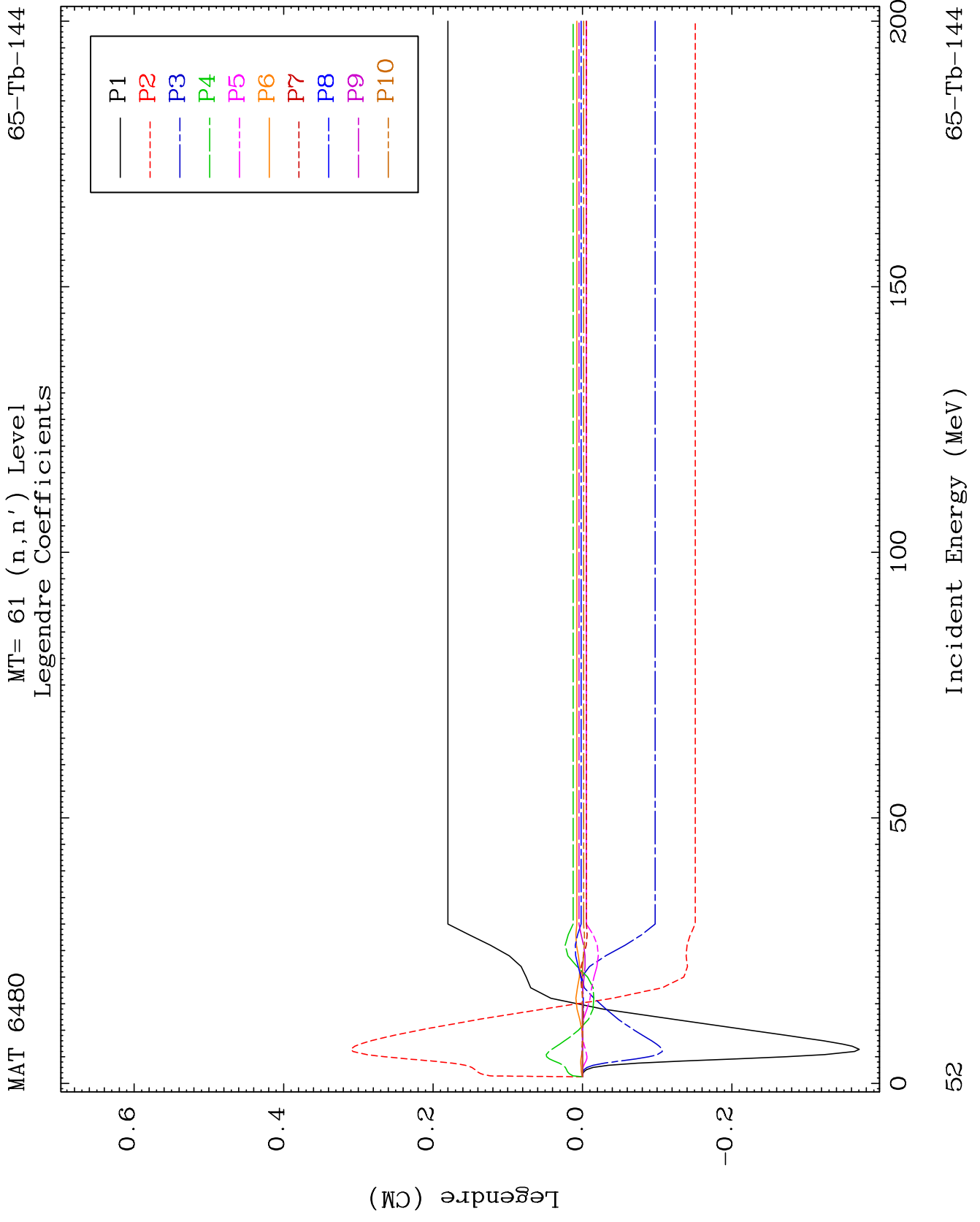
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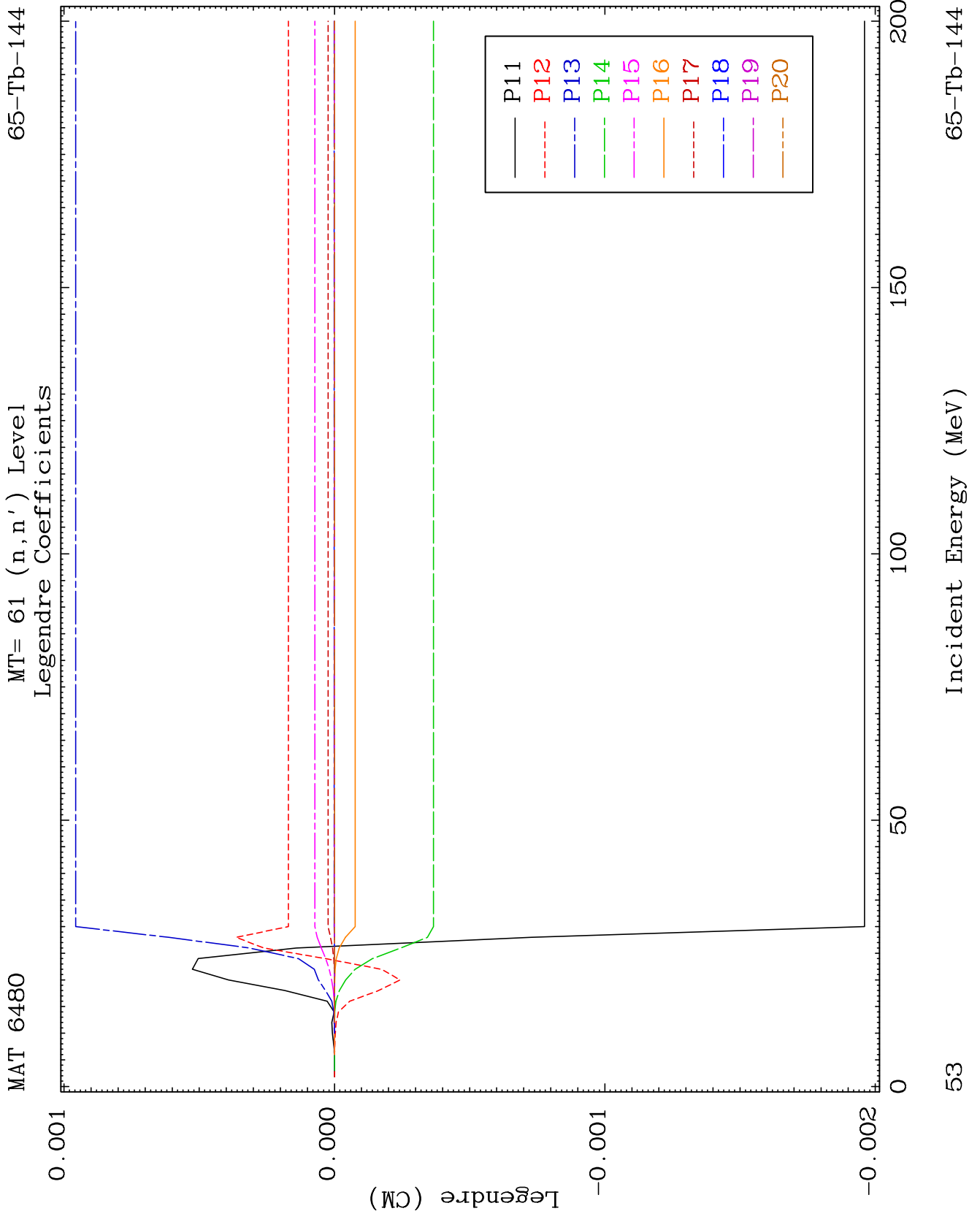
MT= 60 (n,n') Level
Legendre Coefficients

65-Tb-144



65-Tb-144

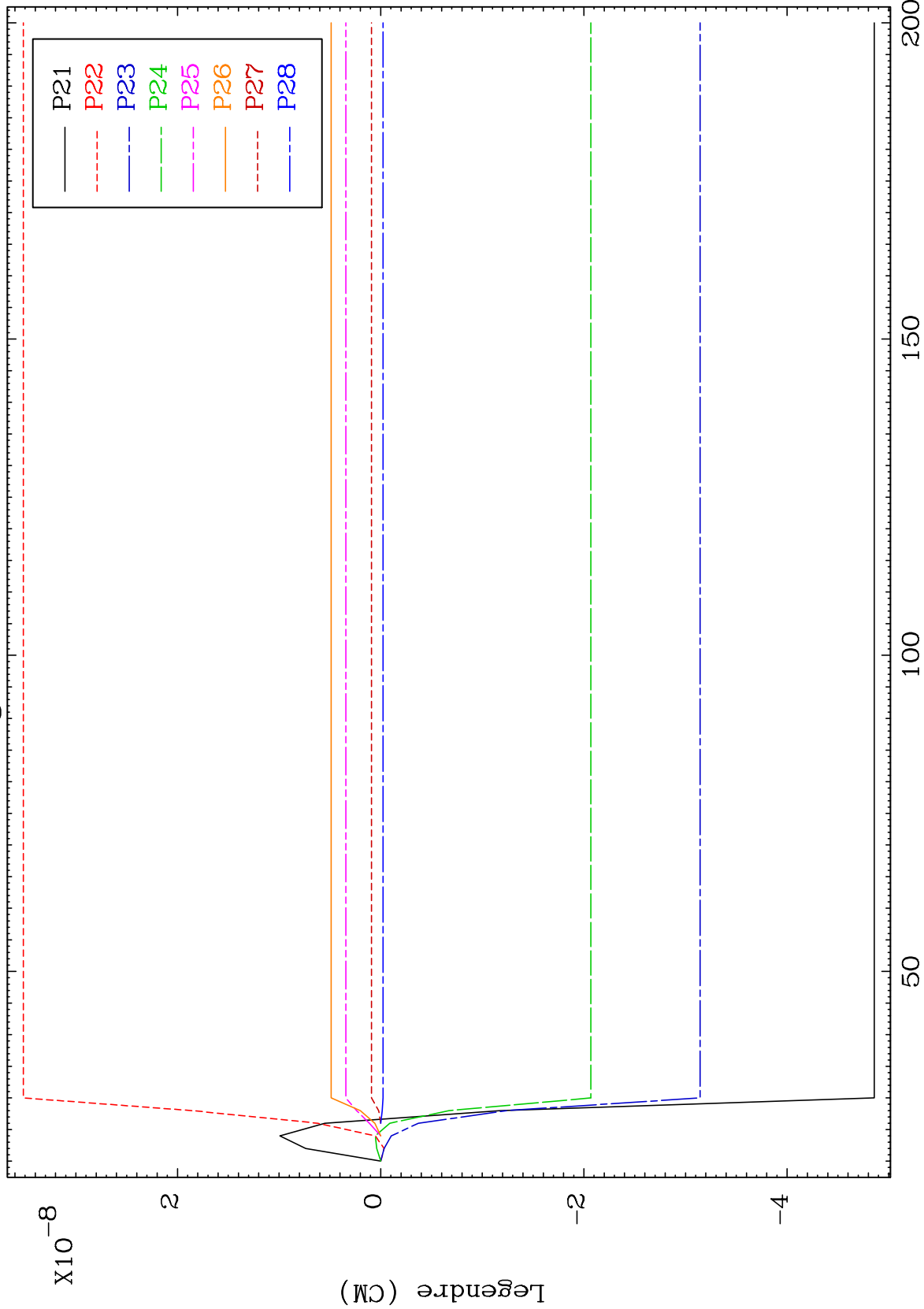




MAT 6480

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

65-Tb-144



54

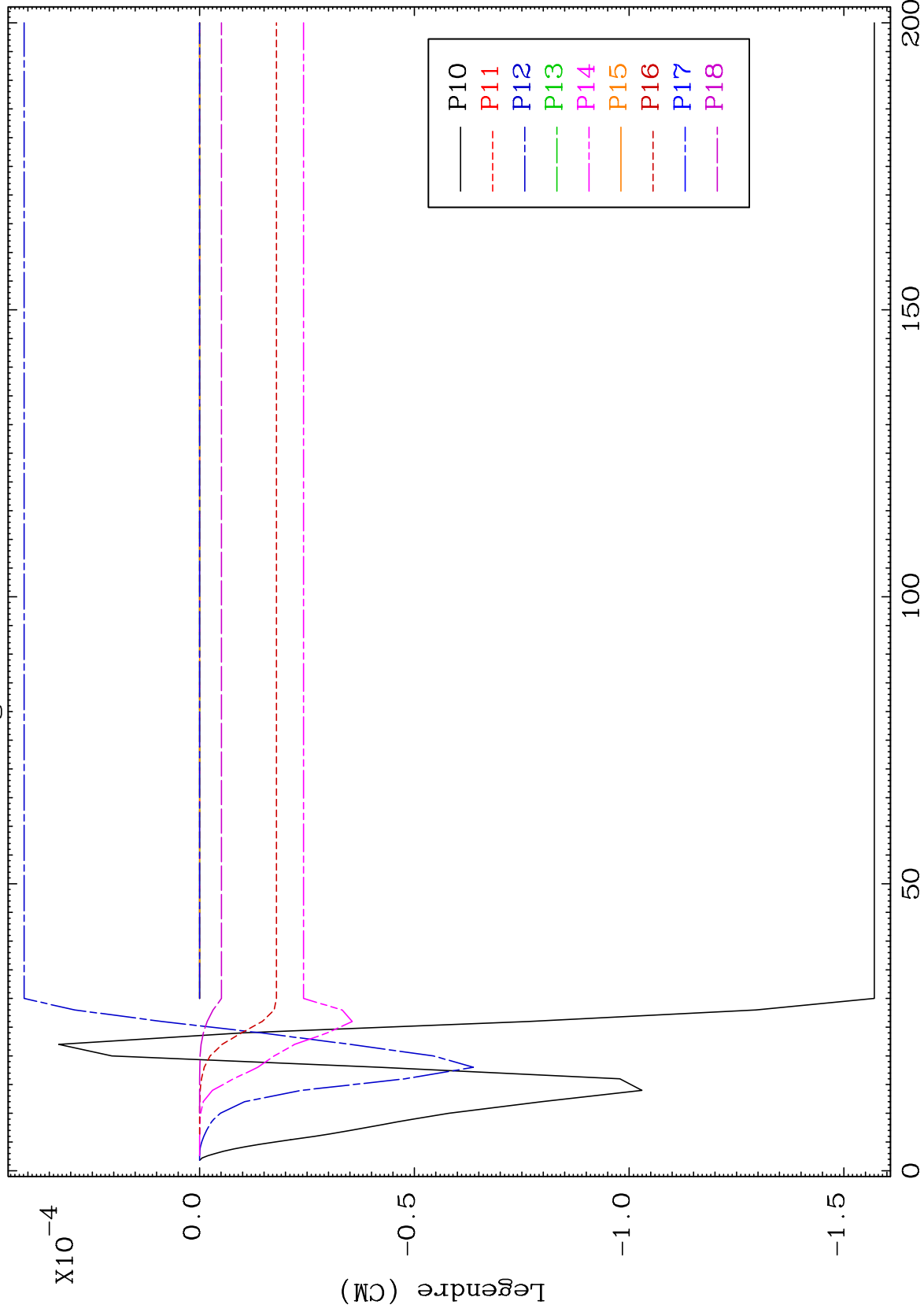
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

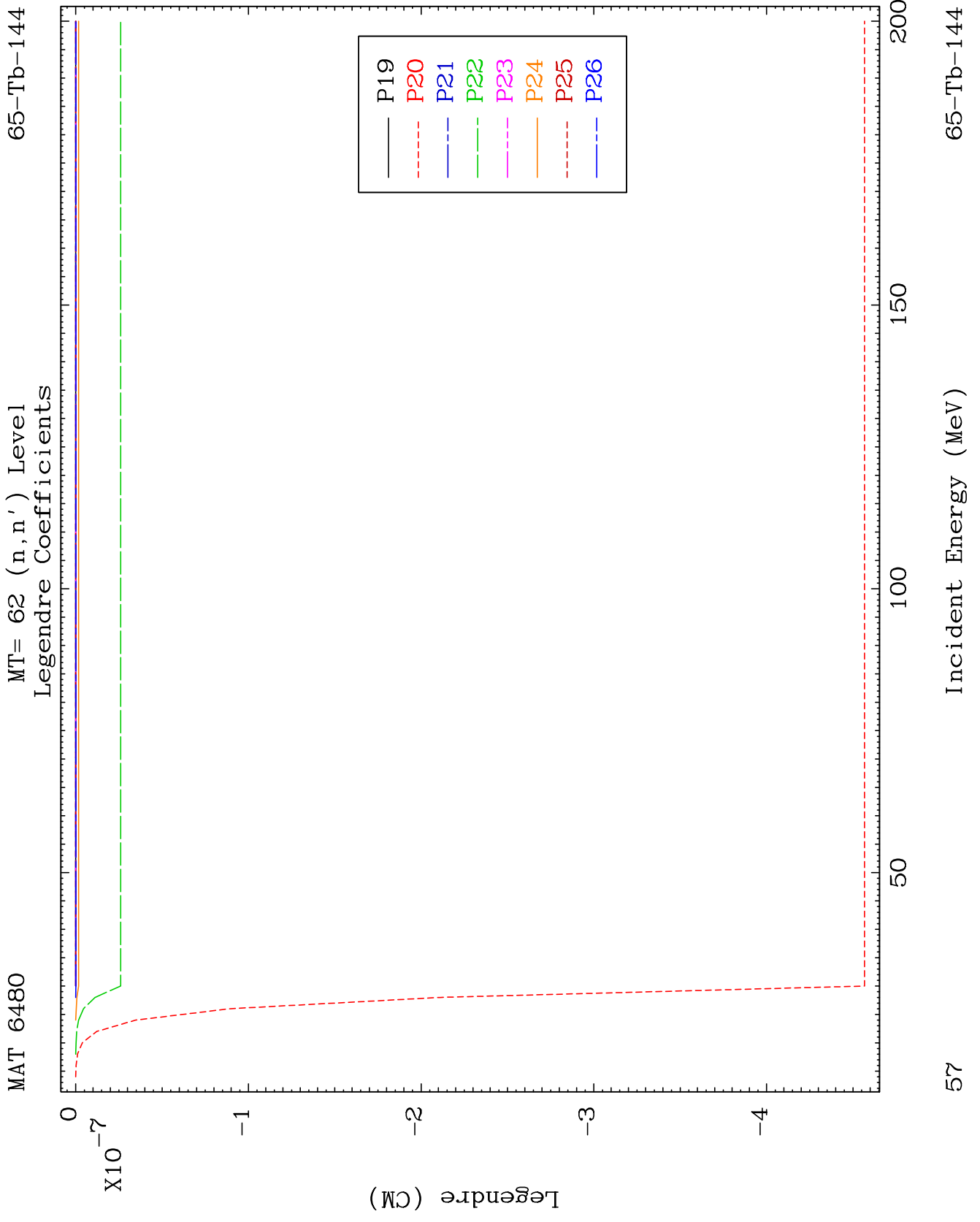
65-Tb-144



56

Incident Energy (MeV)

65-Tb-144

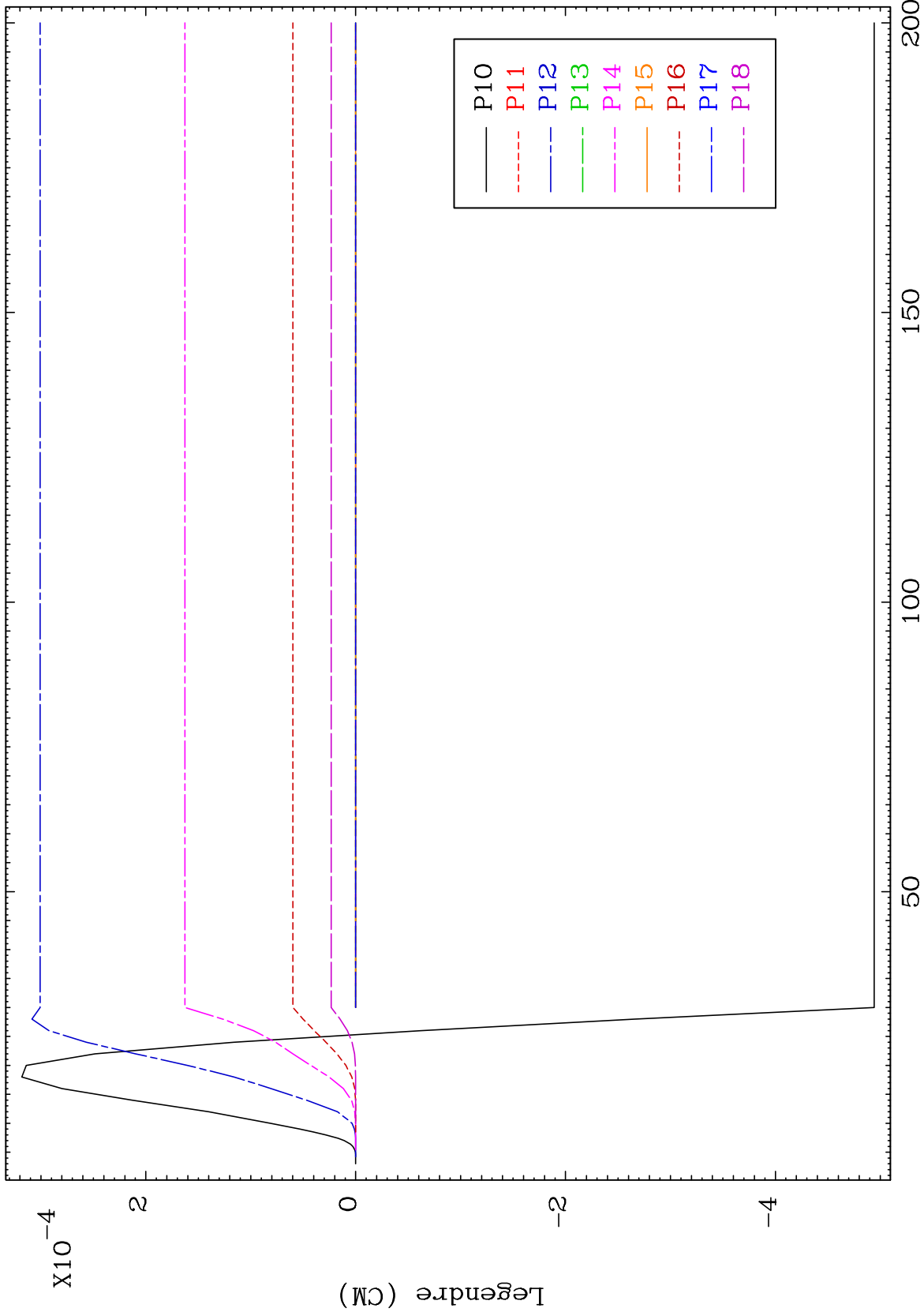


MAT 6480

MT= 63 (n,n') Level

65-Tb-144

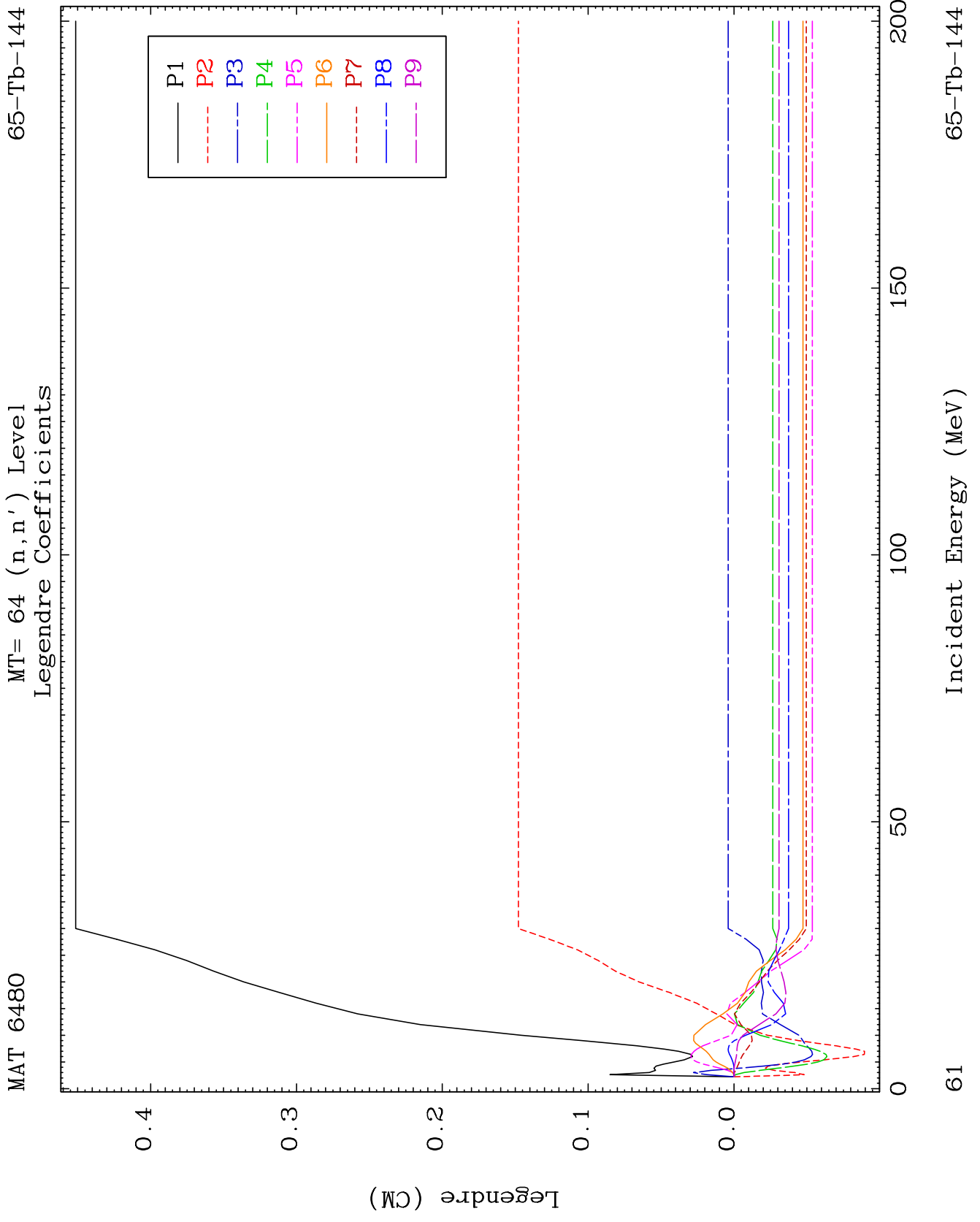
Legendre Coefficients

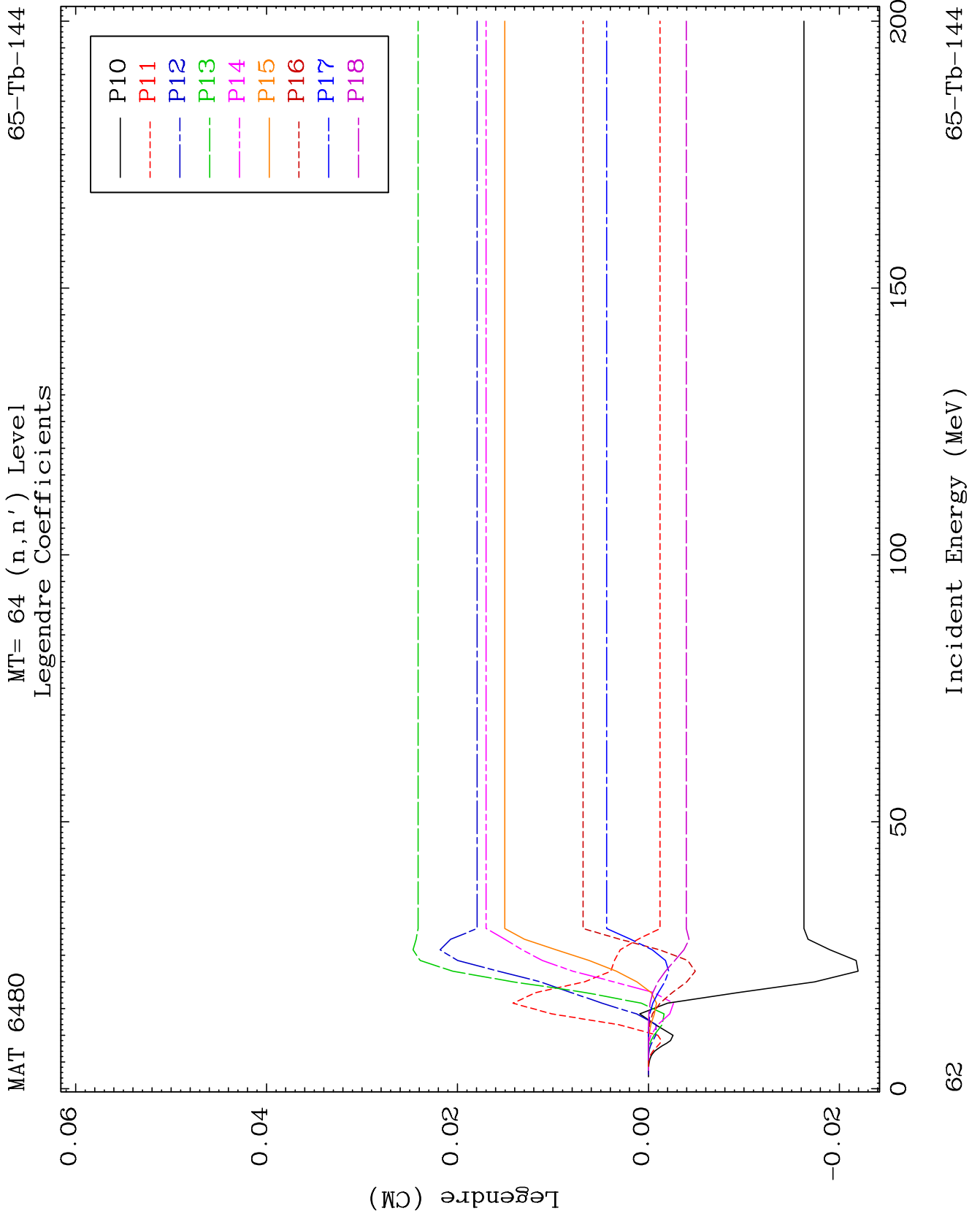


59

Incident Energy (MeV)

65-Tb-144

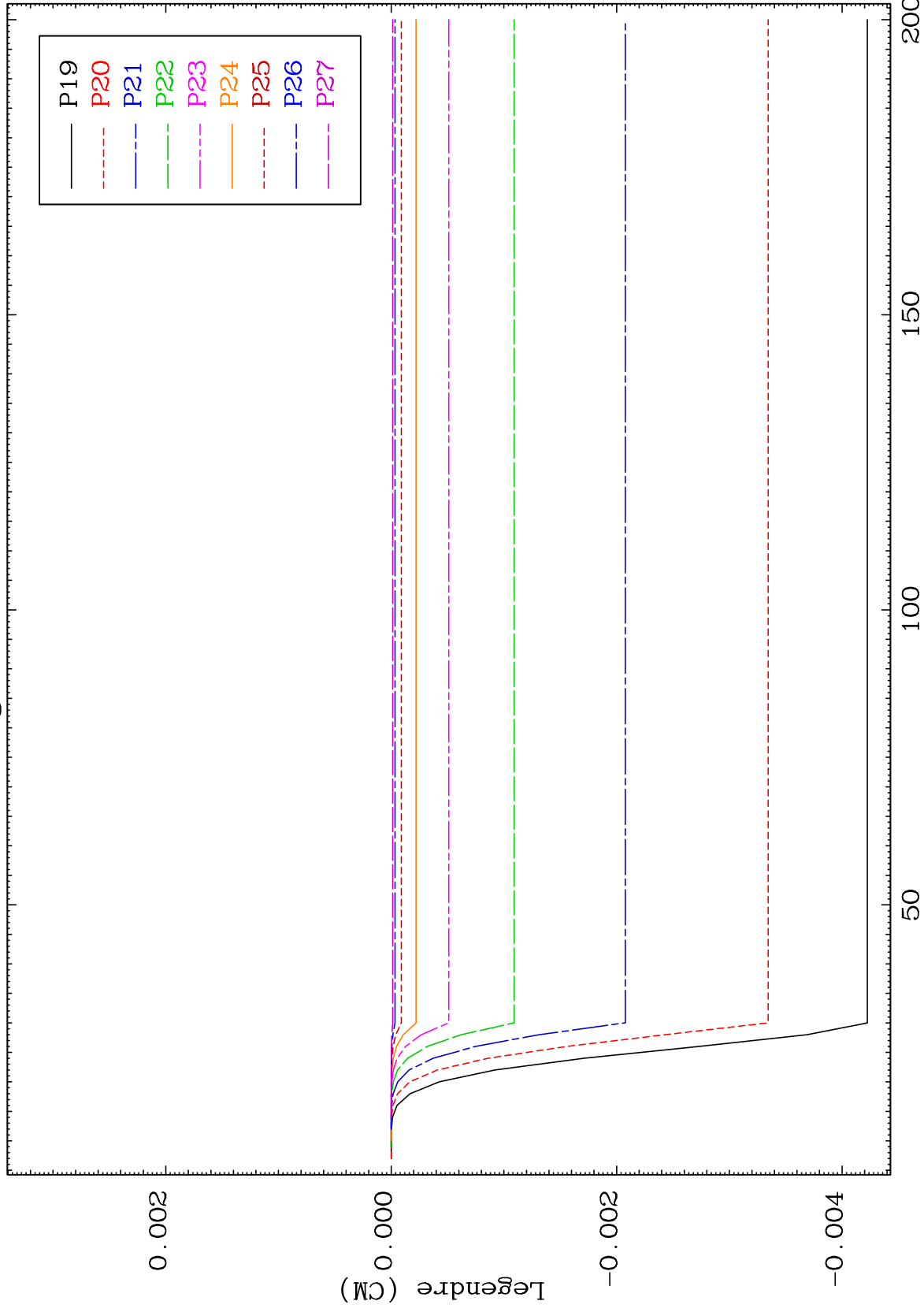




MAT 6480

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

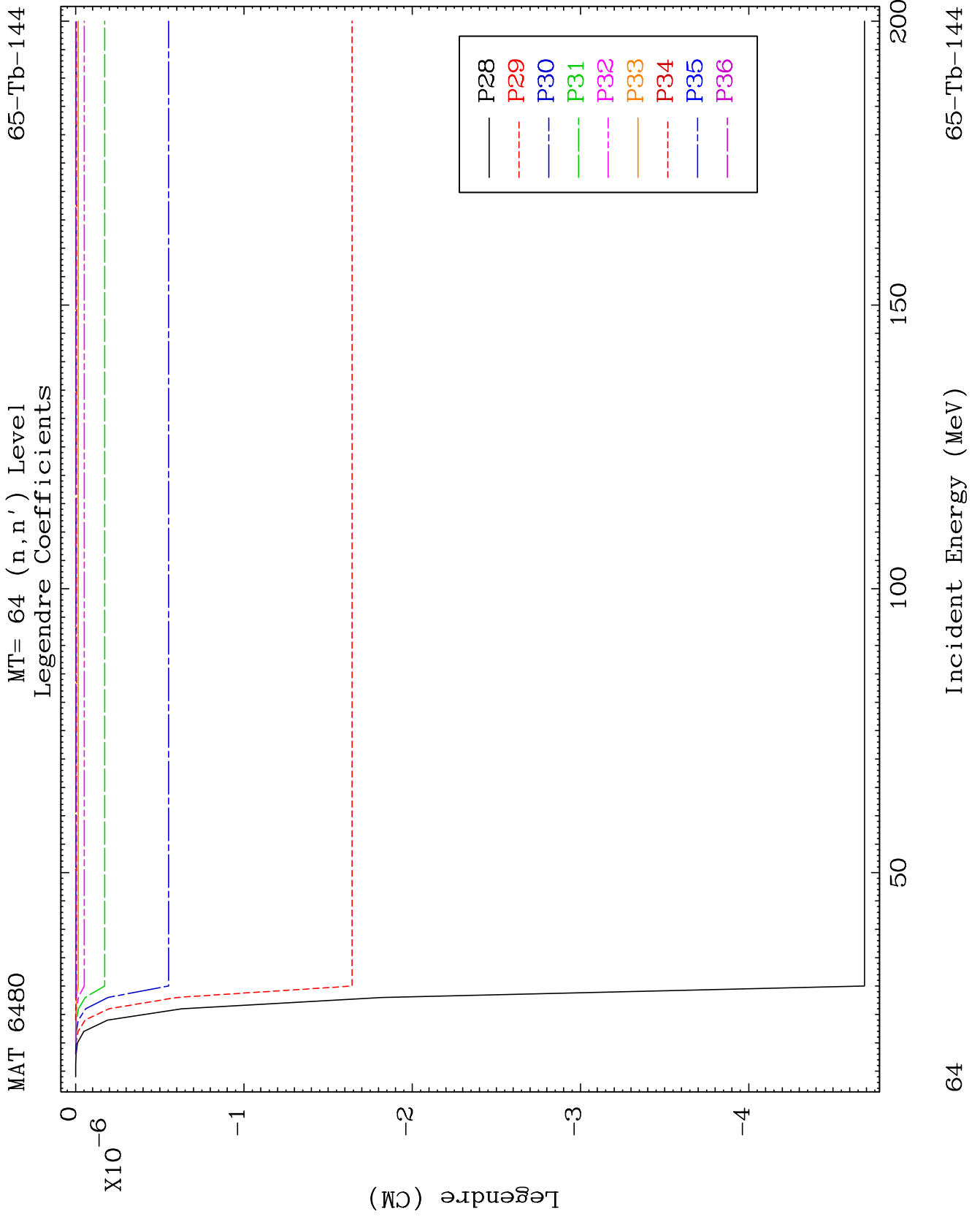
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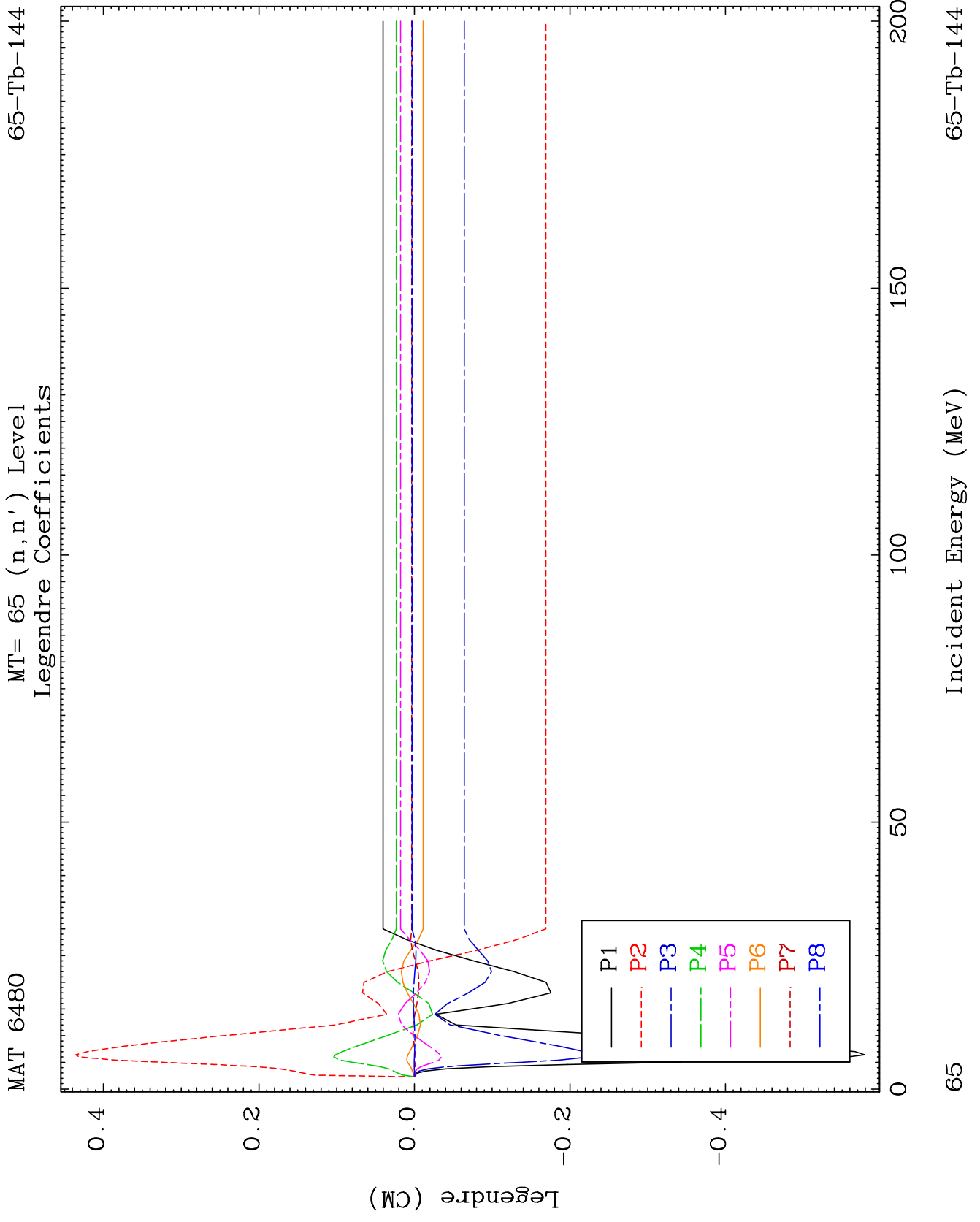


63

Incident Energy (MeV)

65-Tb-144

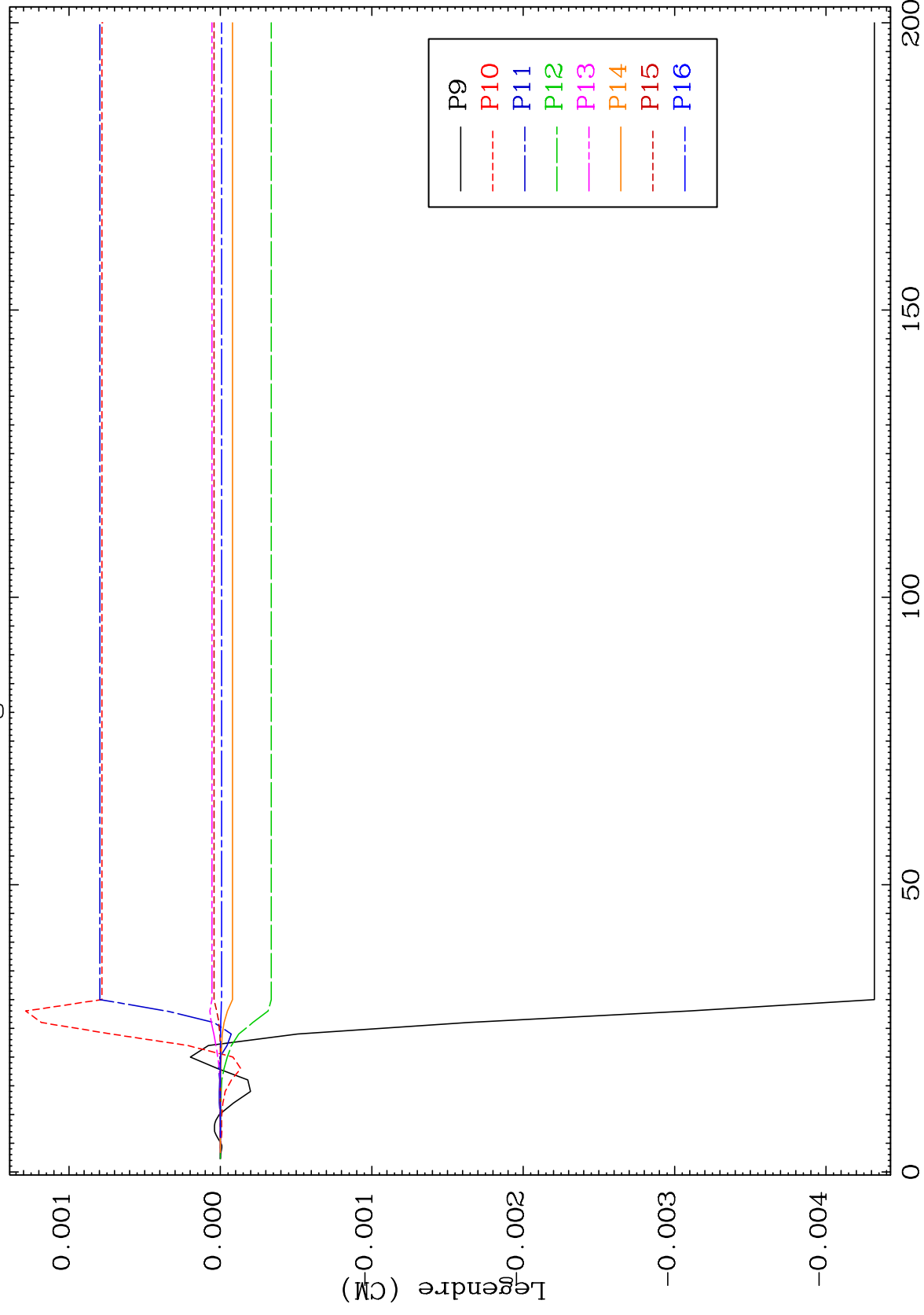




MAT 6480

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

65-Tb-144



66

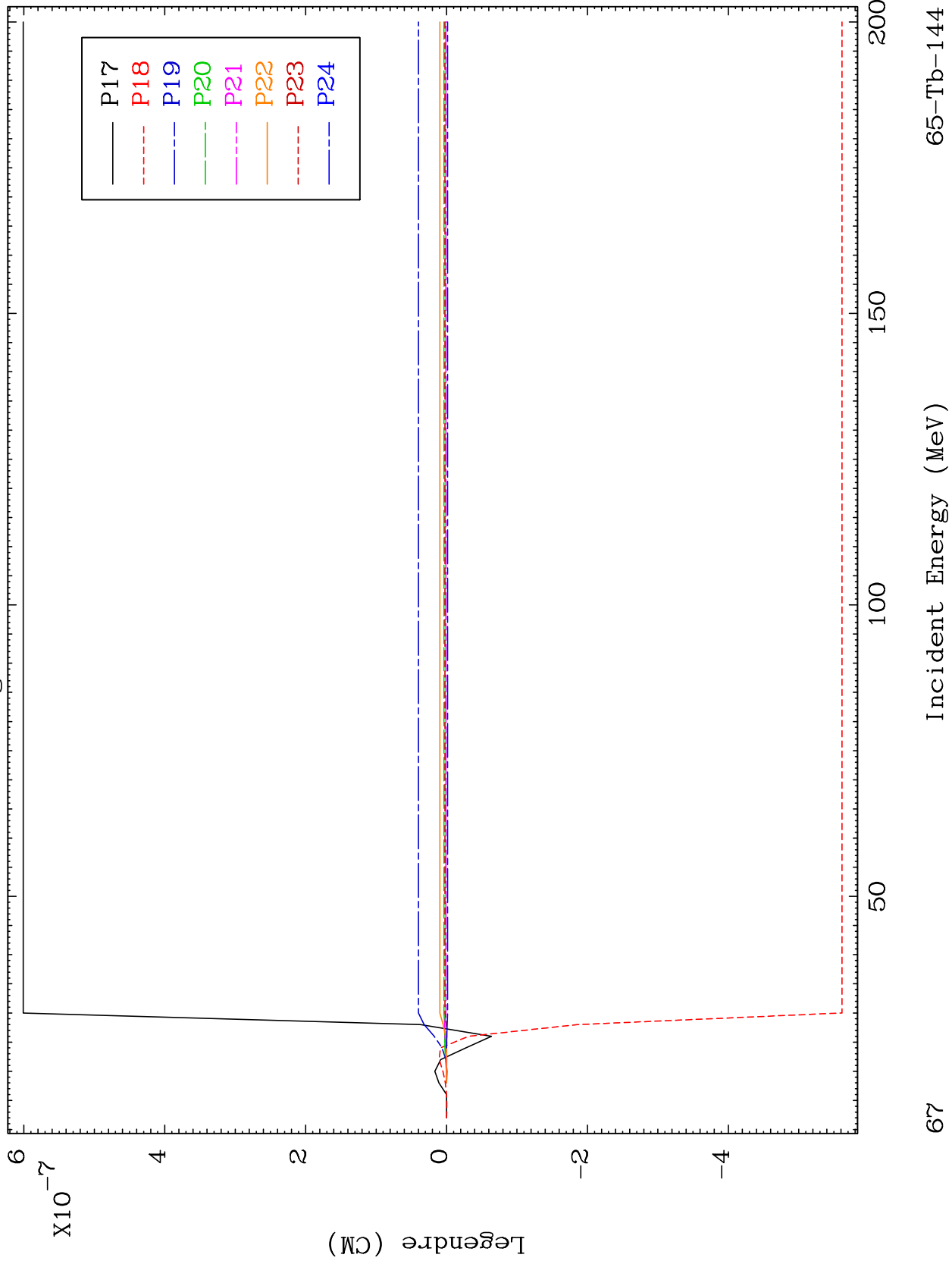
Incident Energy (MeV)

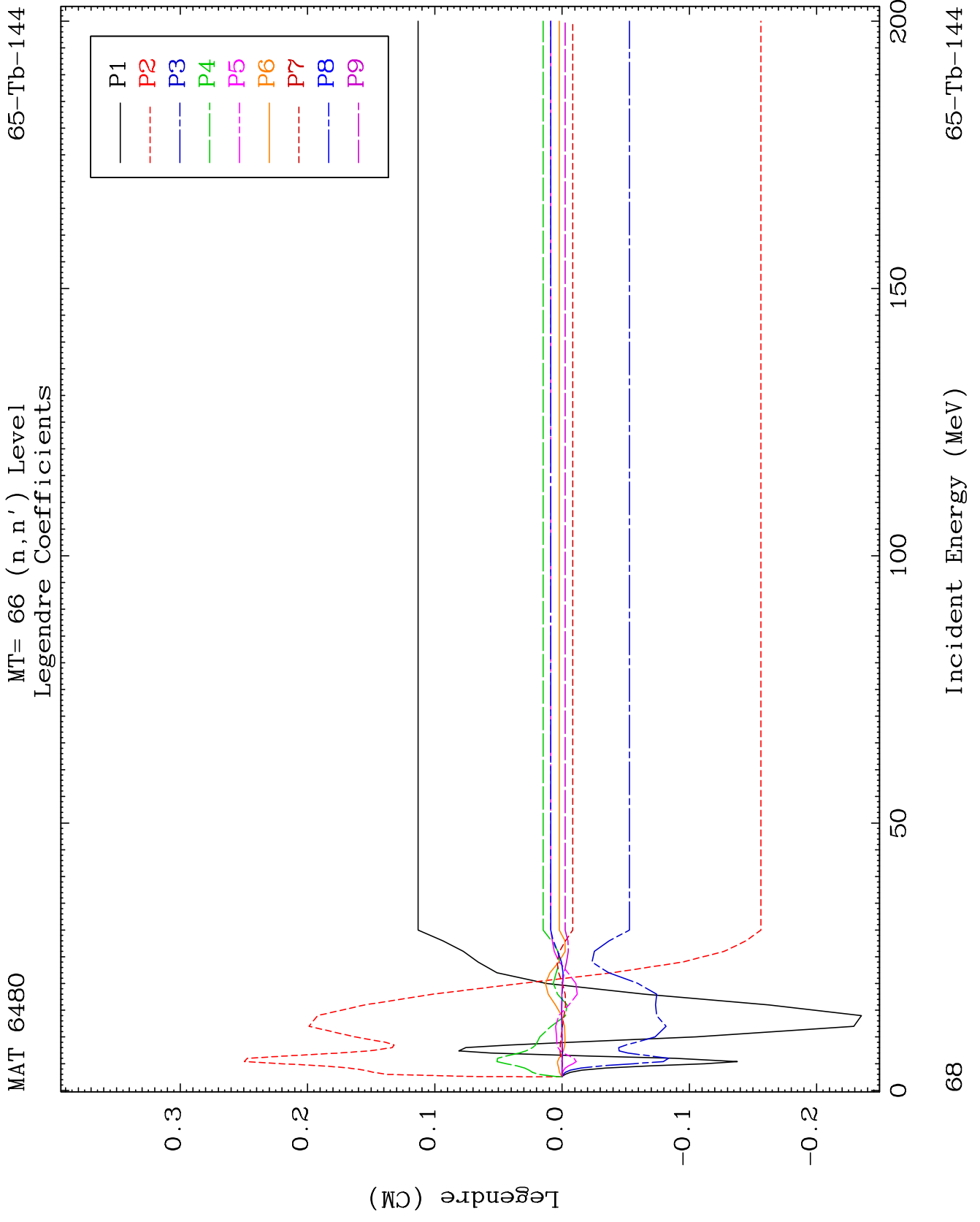
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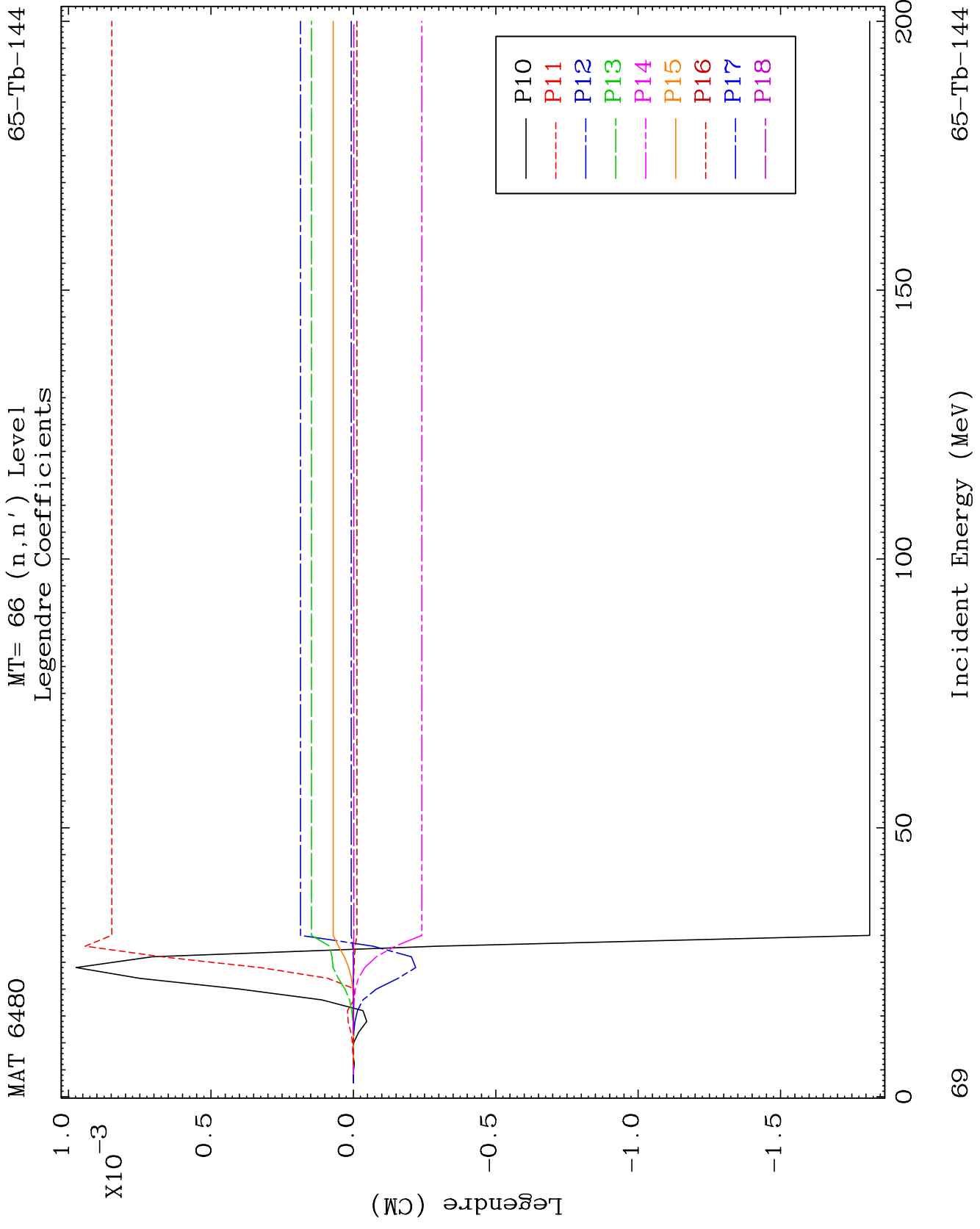
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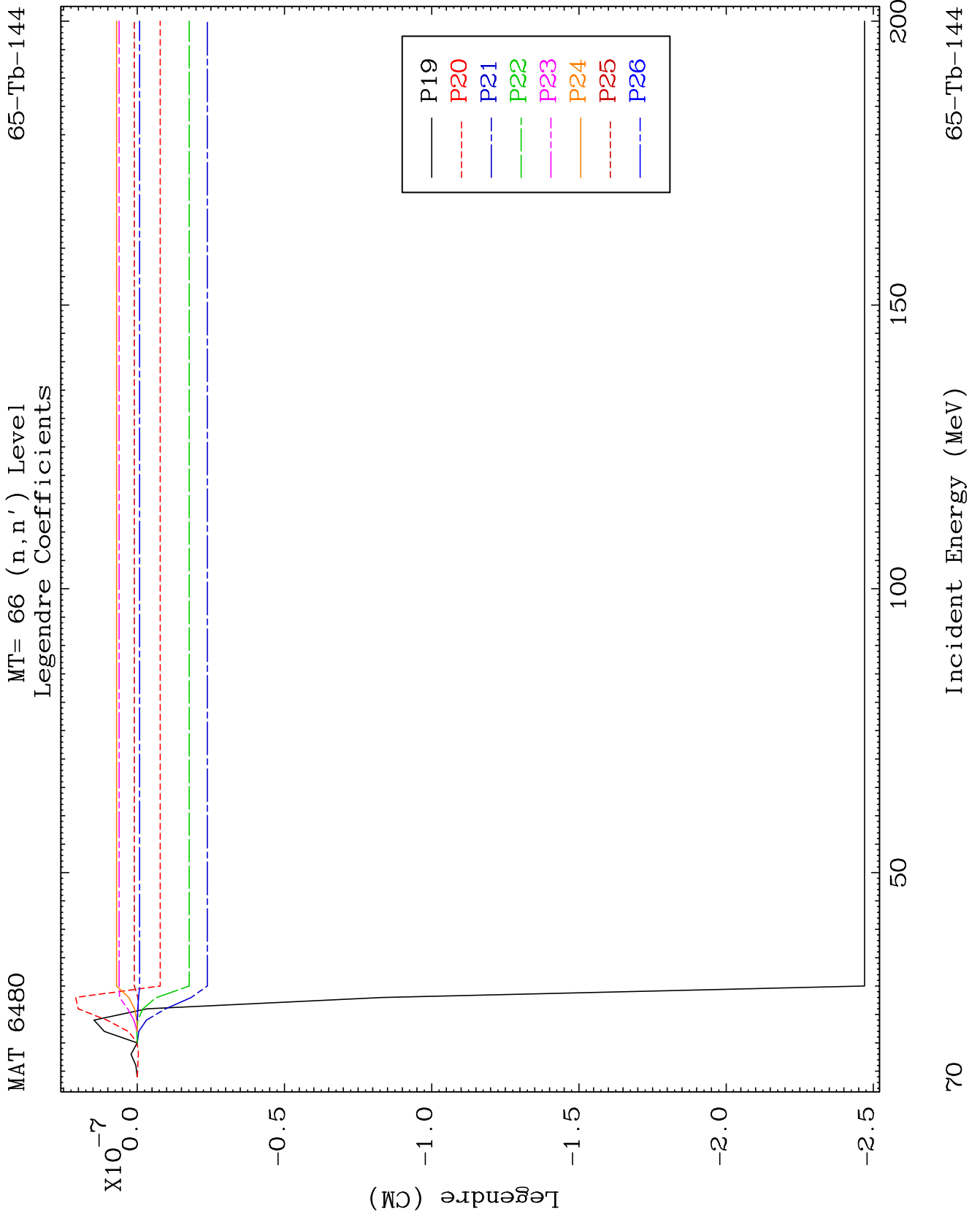
MT= 65 (n,n') Level
Legendre Coefficients

65-Tb-144





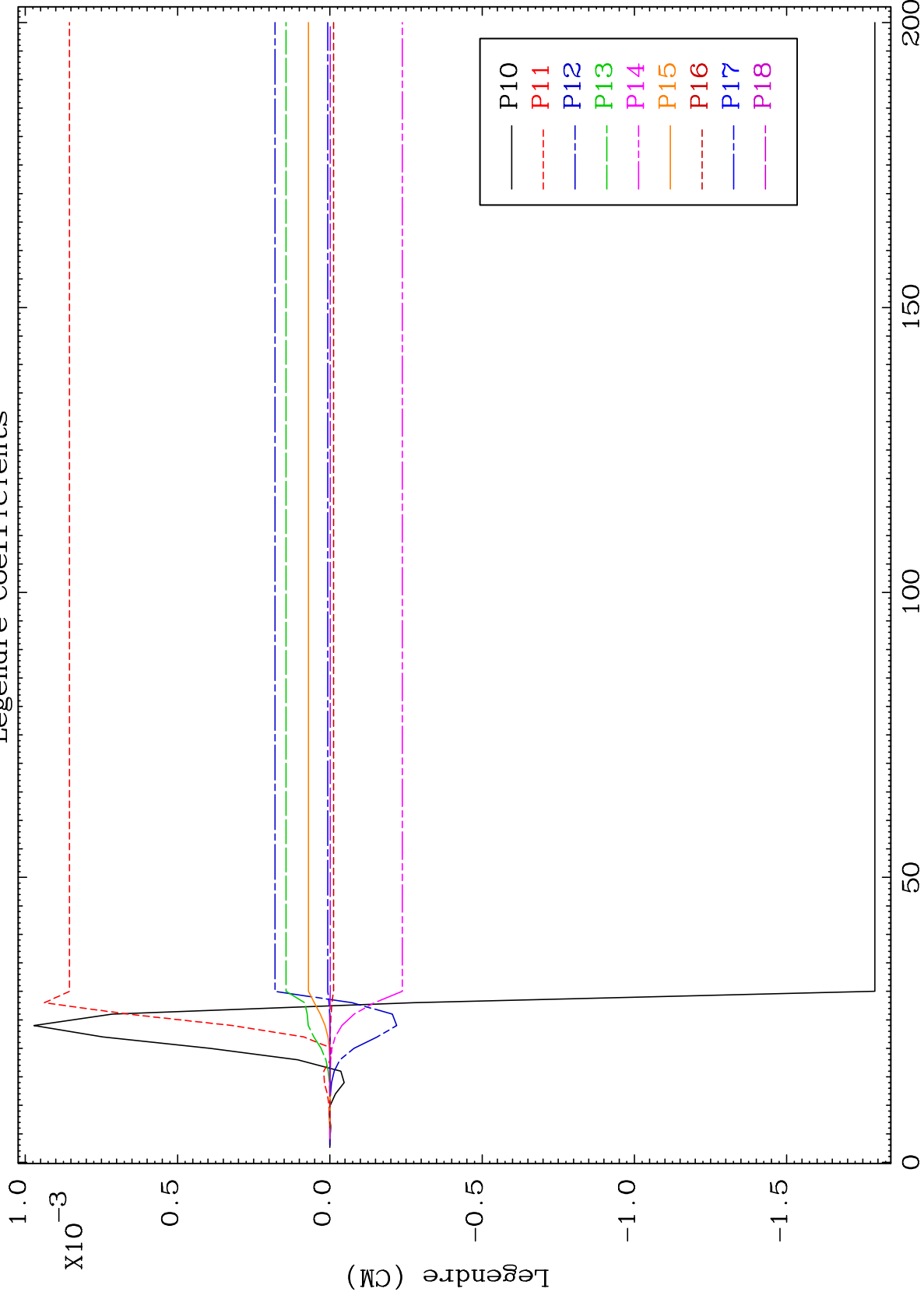




MAT 6480

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

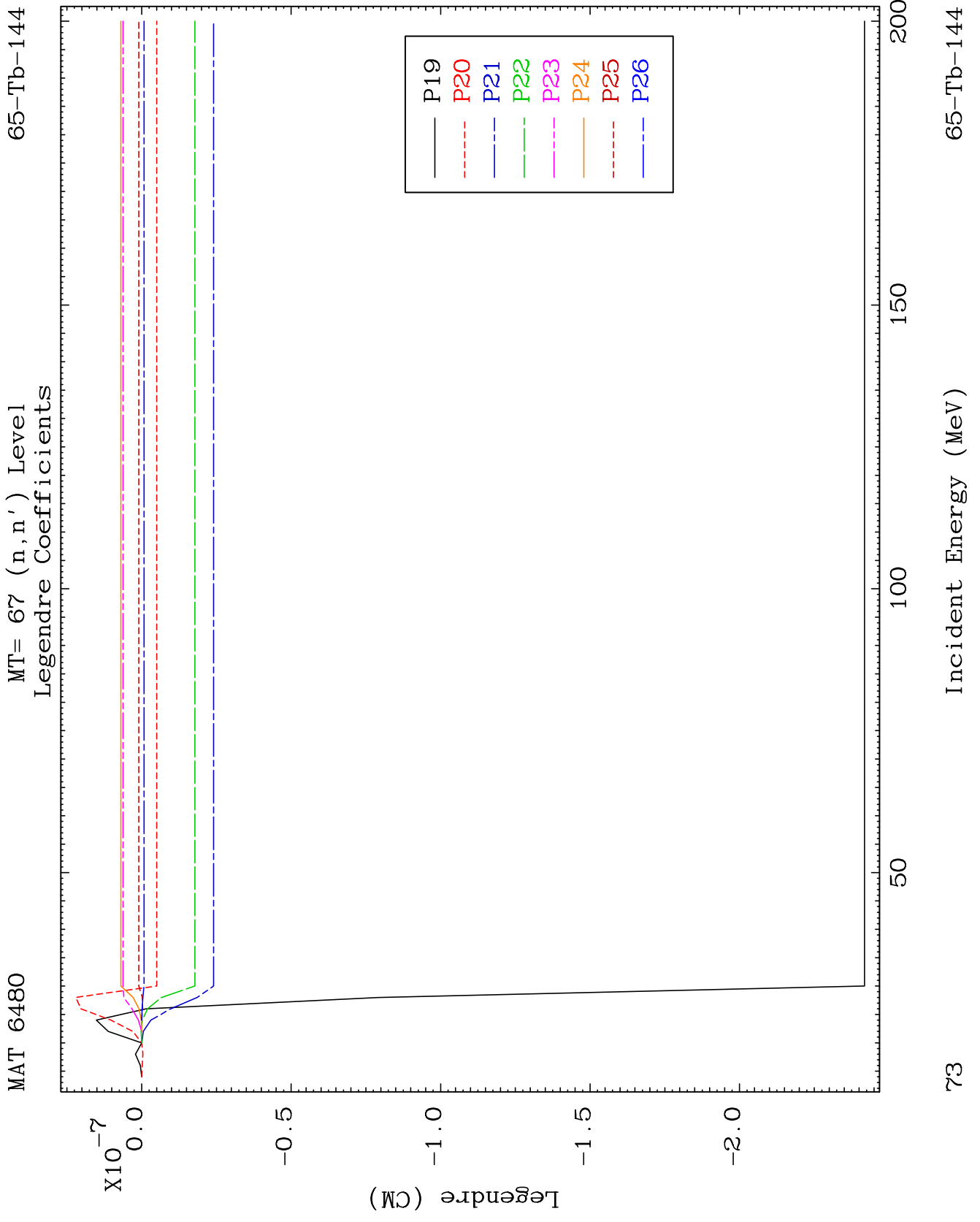
65-Tb-144



72

Incident Energy (MeV)

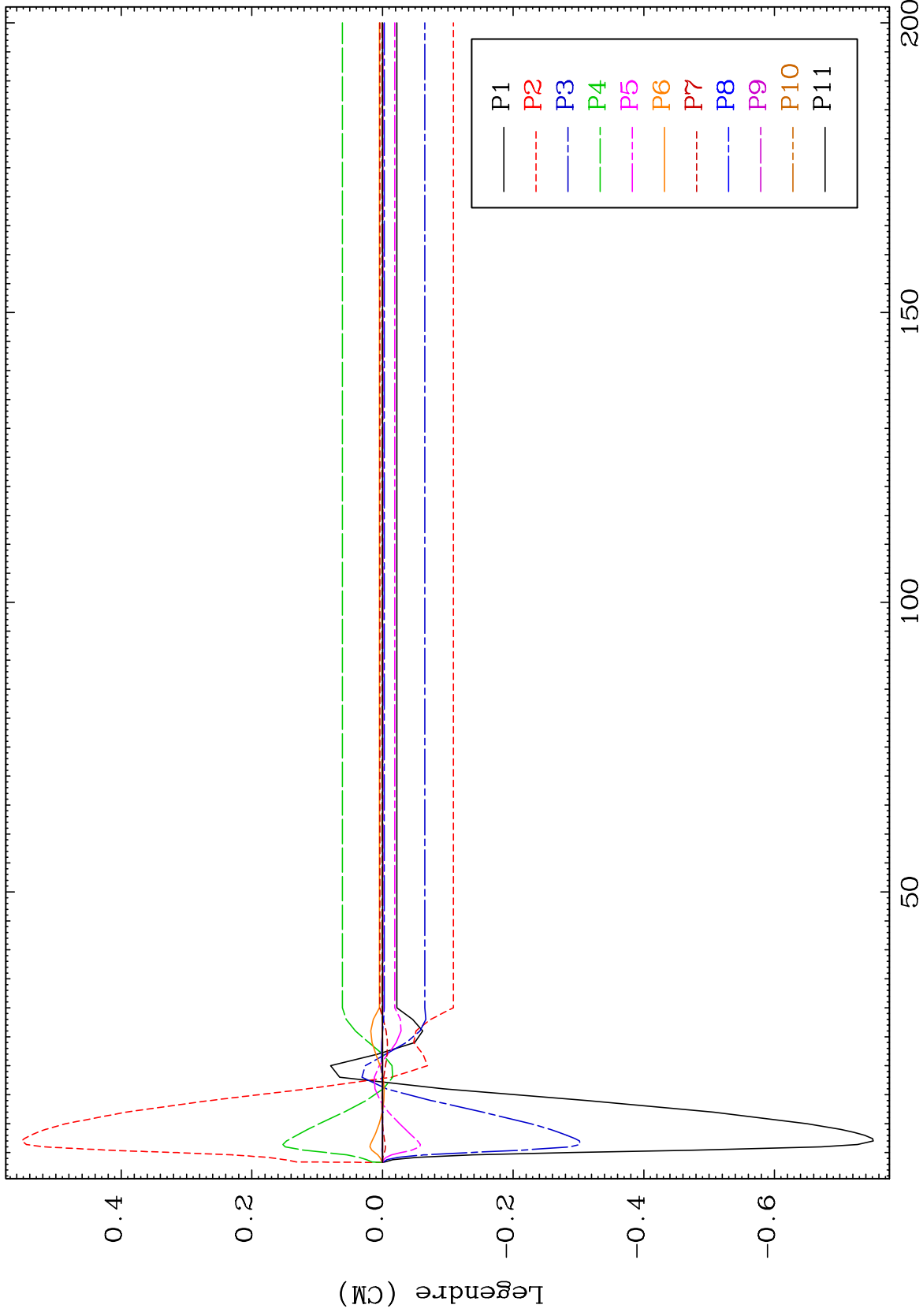
65-Tb-144



MAT 6480

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

65-Tb-144



74

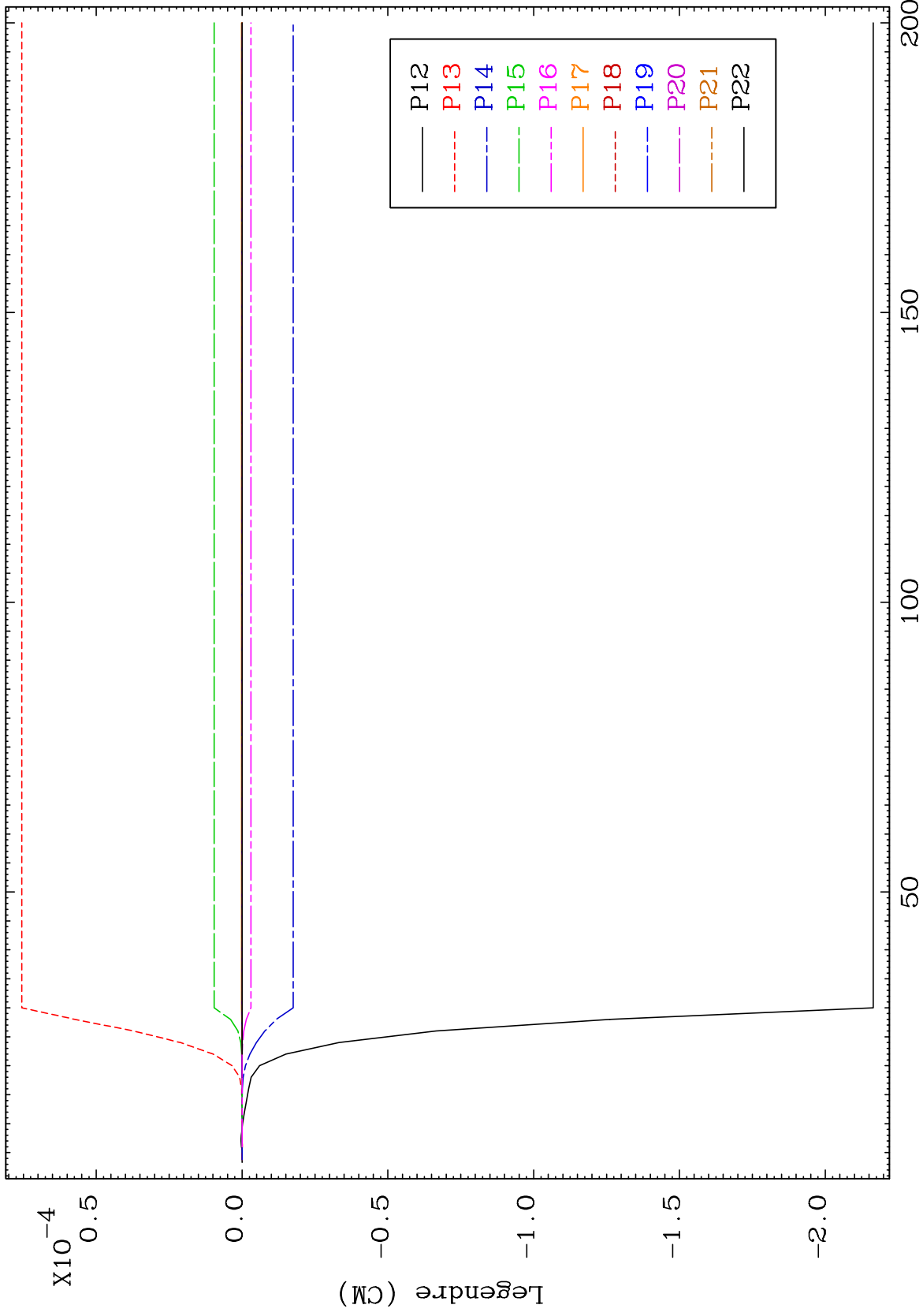
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

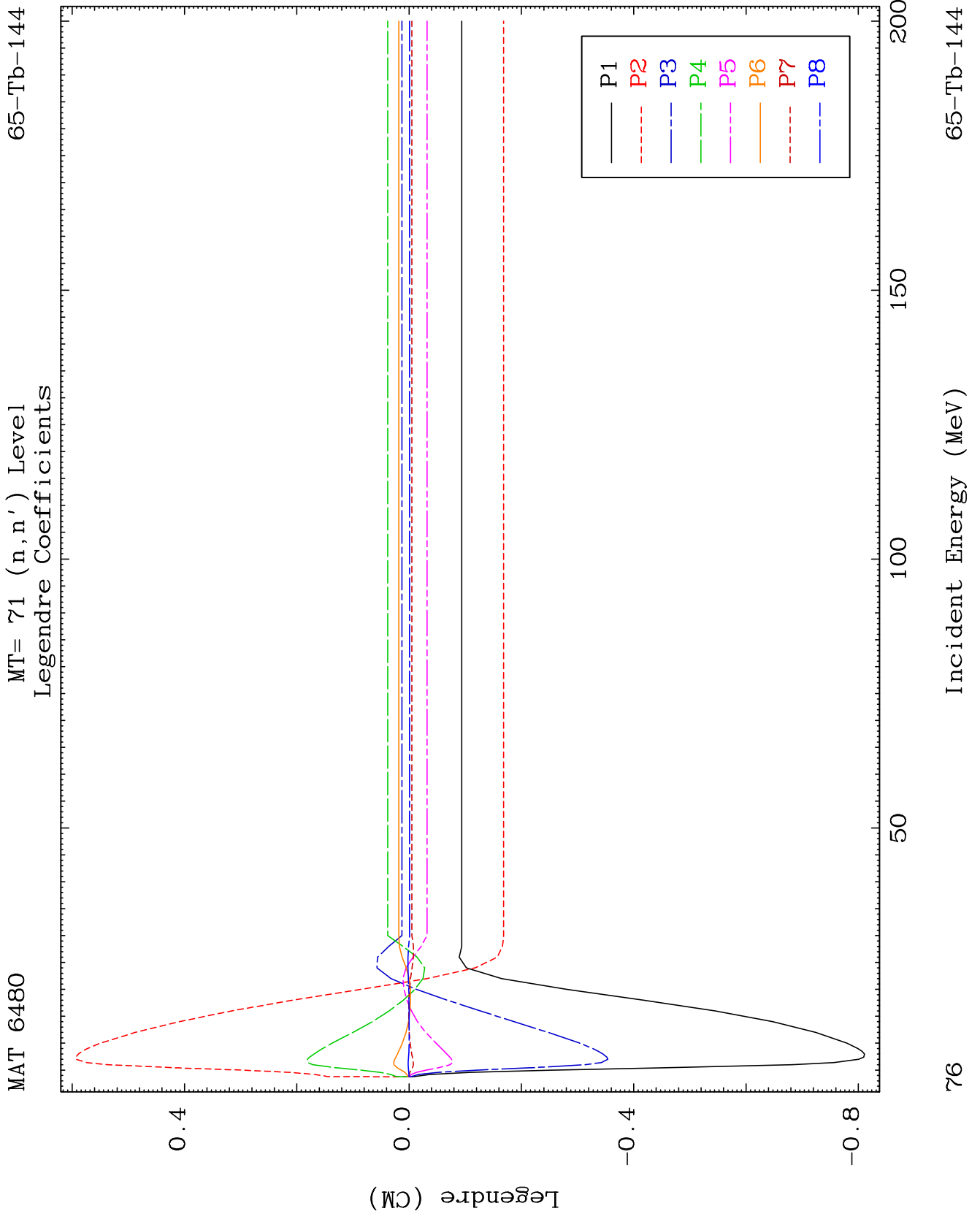
65-Tb-144



75

Incident Energy (MeV)

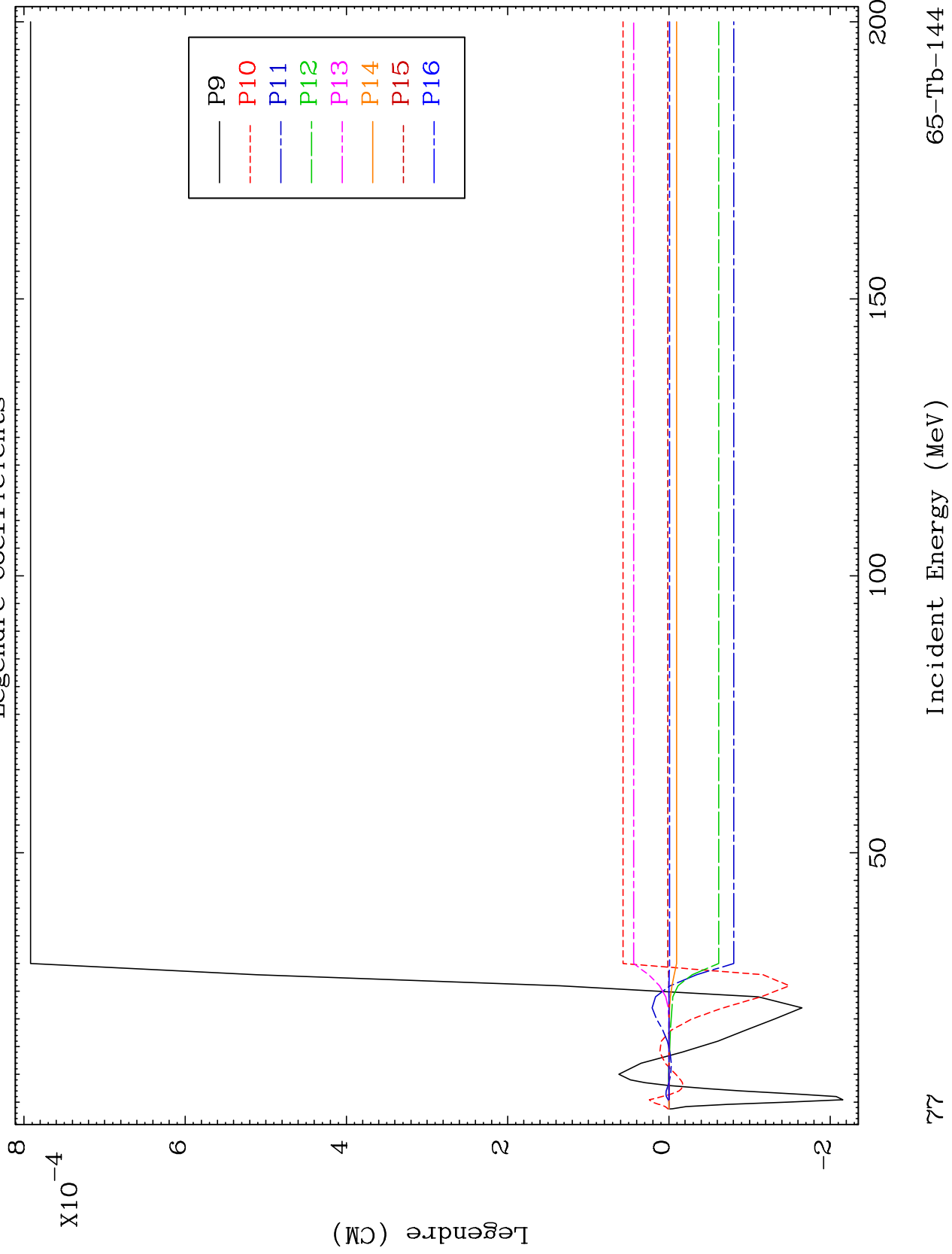
65-Tb-144



MAT 6480

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

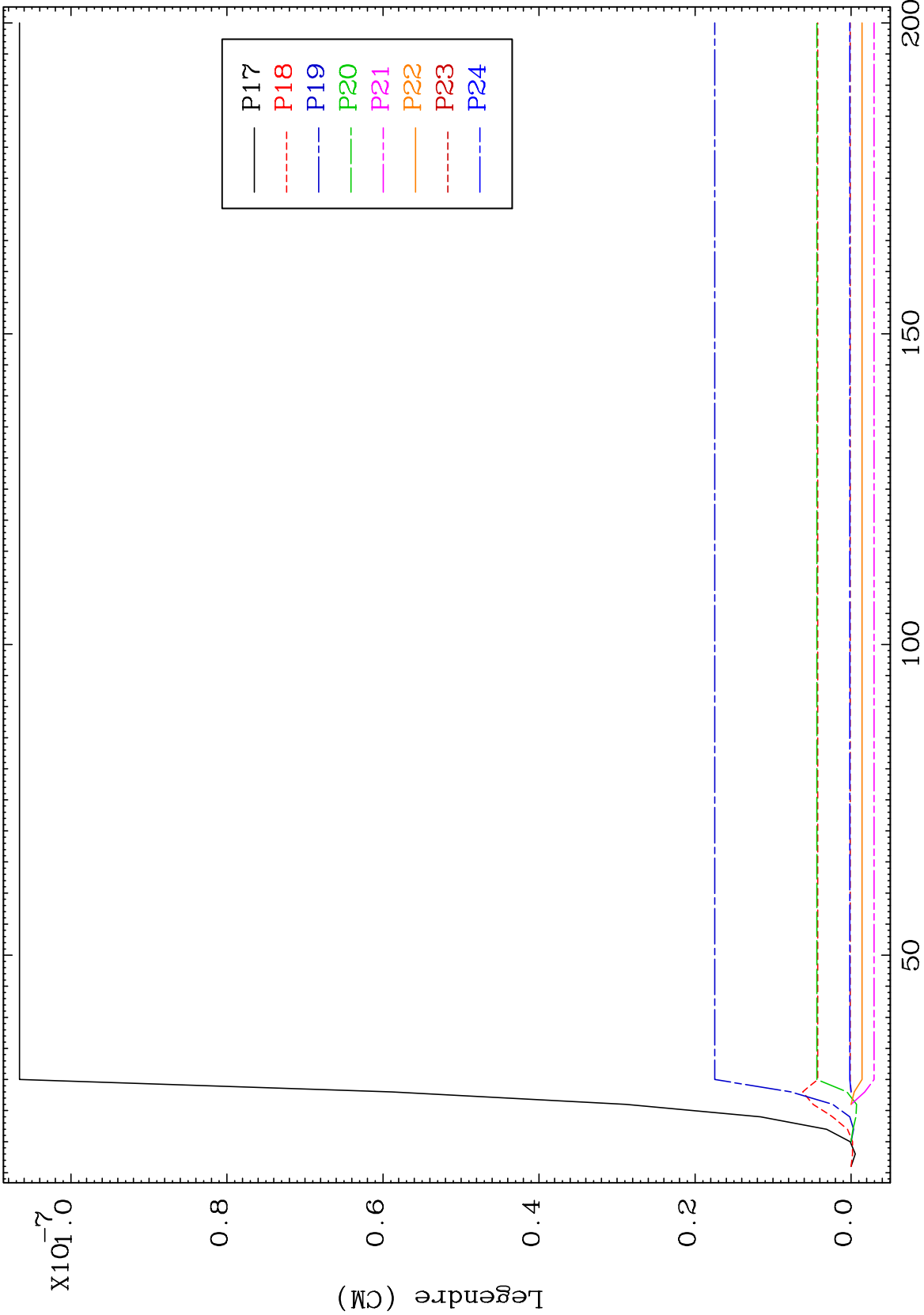
65-Tb-144



MAT 6480

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

65-Tb-144



78

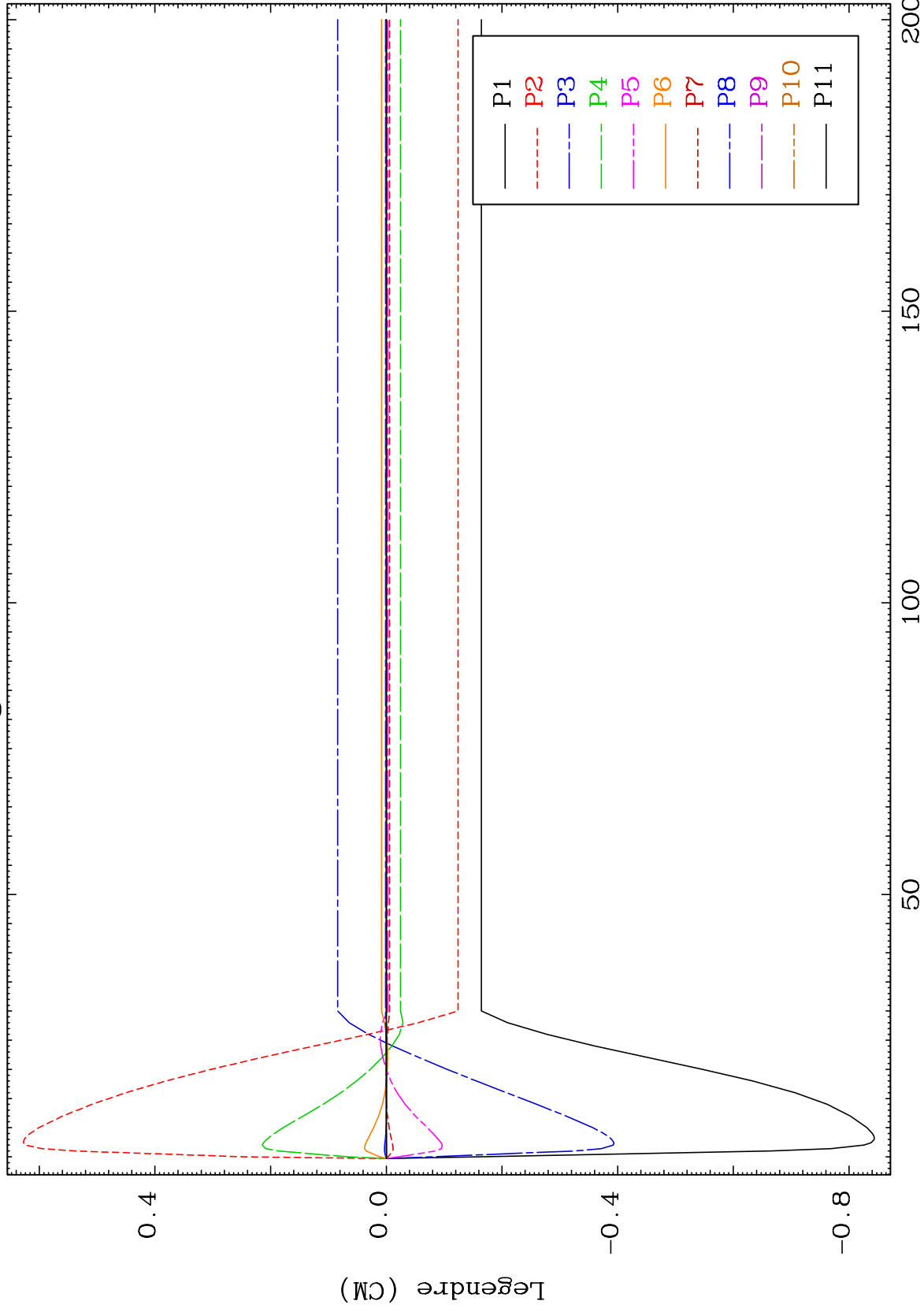
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

65-Tb-144



79

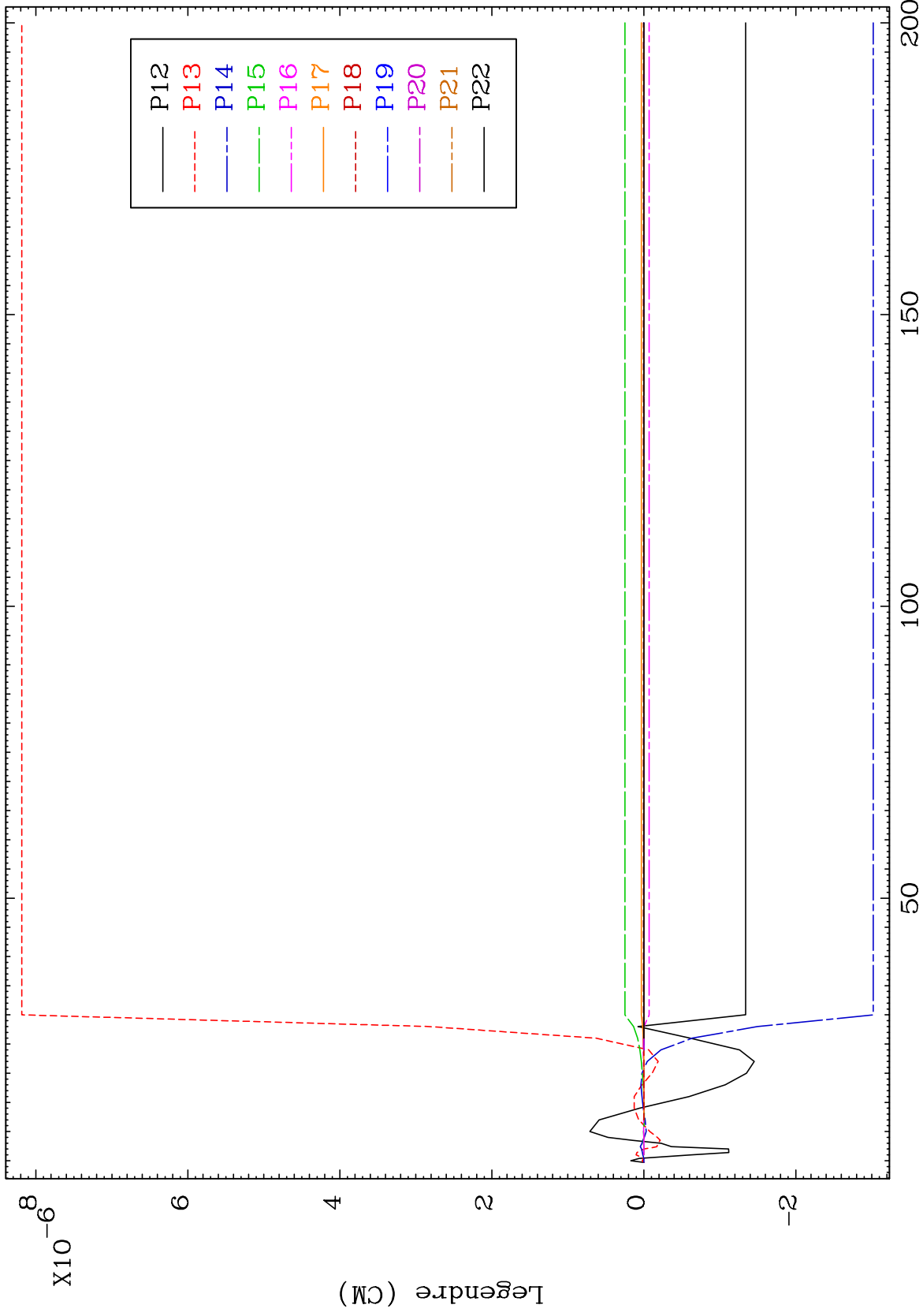
Incident Energy (MeV)

65-Tb-144

MAT 6480

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

65-Tb-144



80

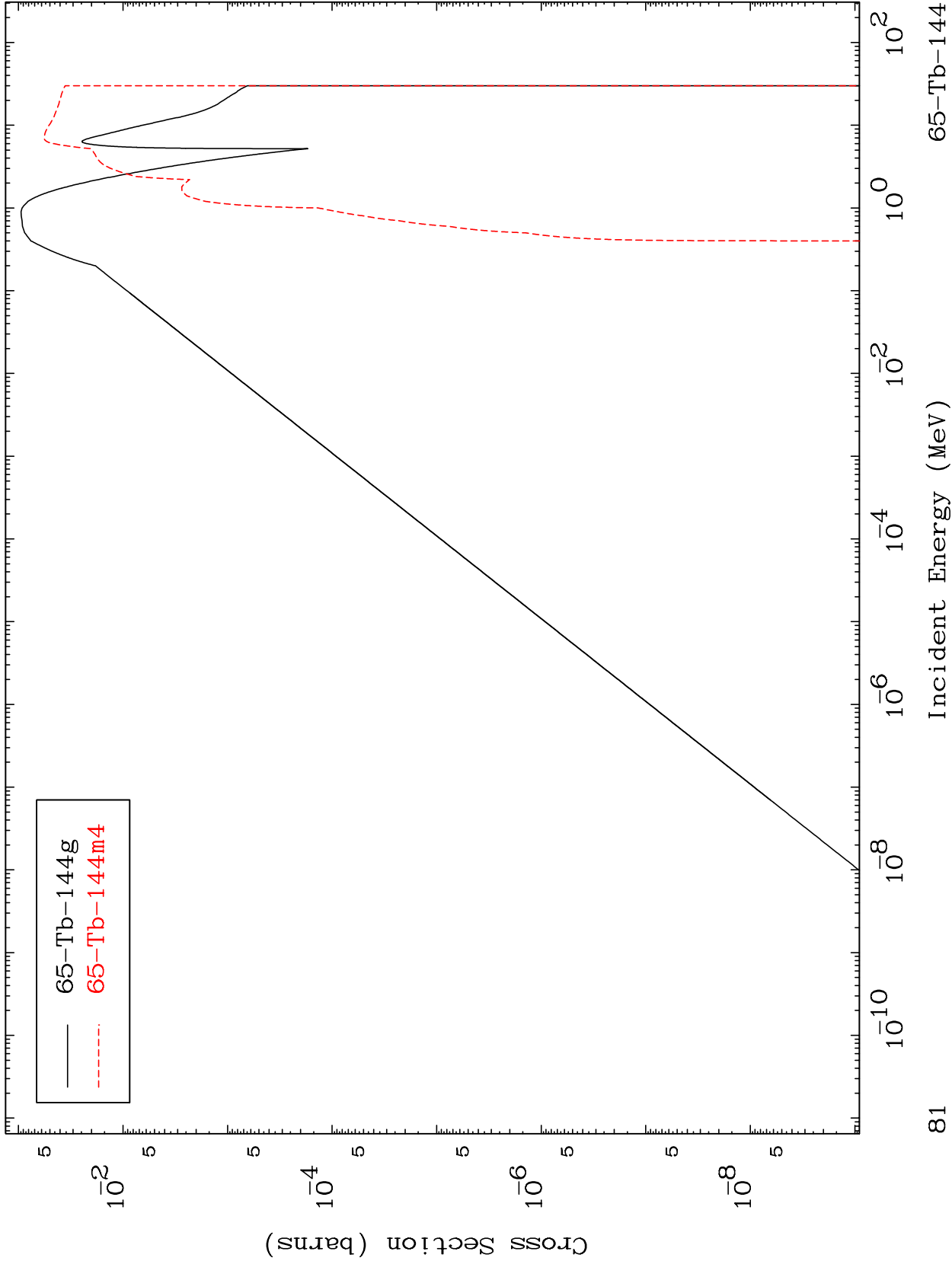
Incident Energy (MeV)

65-Tb-144

MAT 6480

Inelastic
Radionuclide Production Cross Section

65-Tb-144

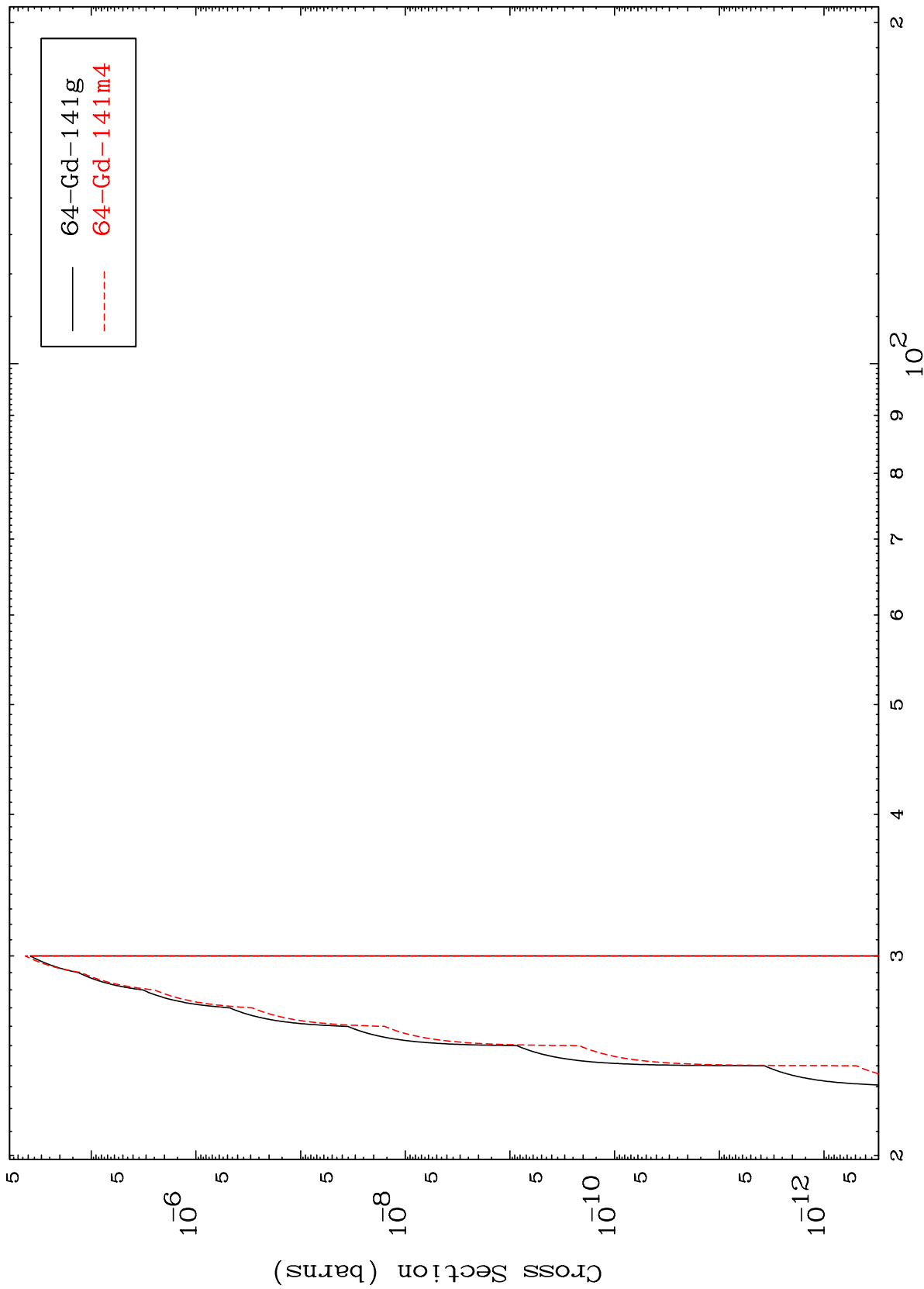


MAT 6480

(n,2n) d

65-Tb-144

Radionuclide Production Cross Section



82

Incident Energy (MeV)

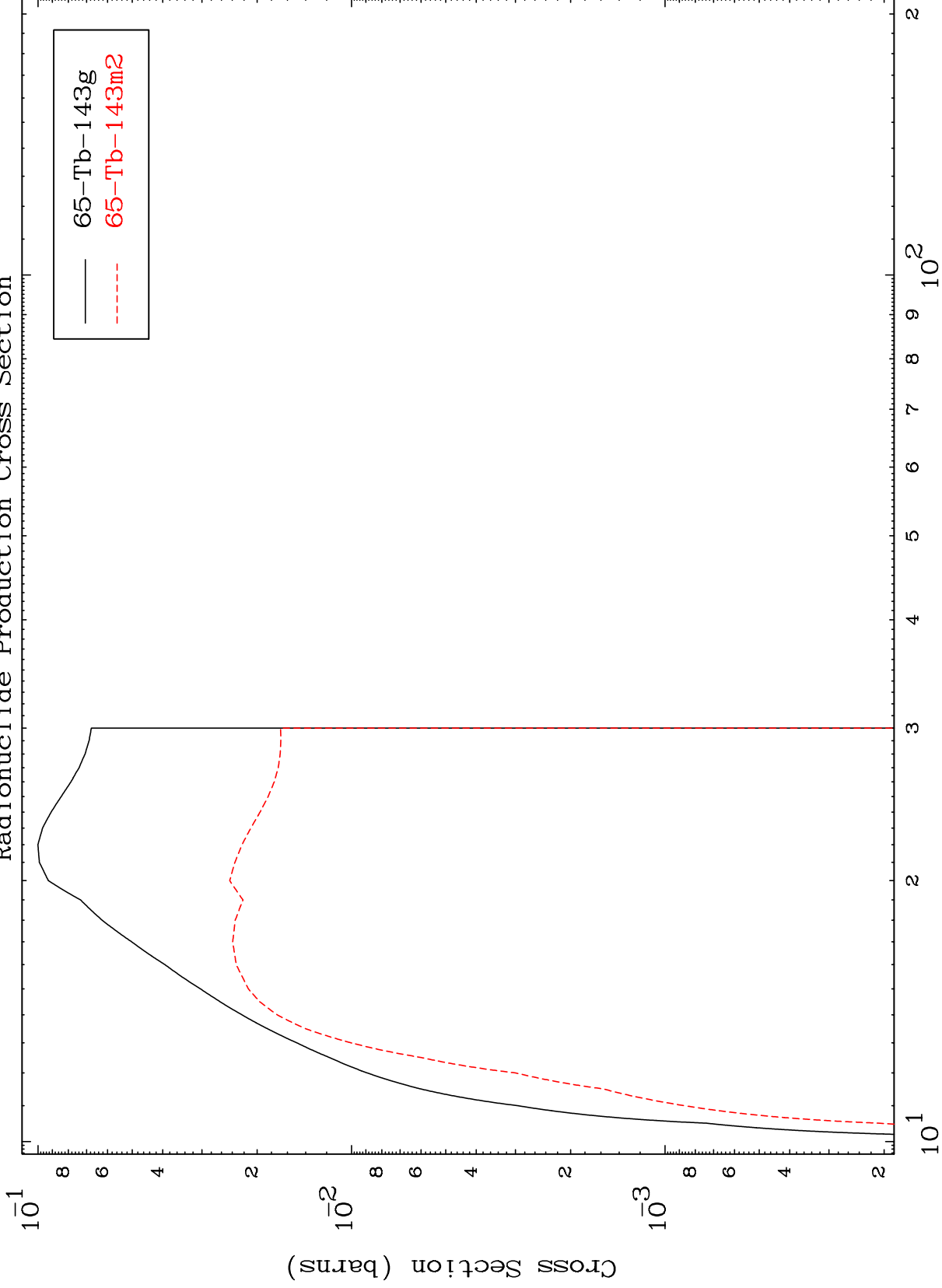
65-Tb-144

MAT 6480

(n,2n)

65-Tb-144

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-144

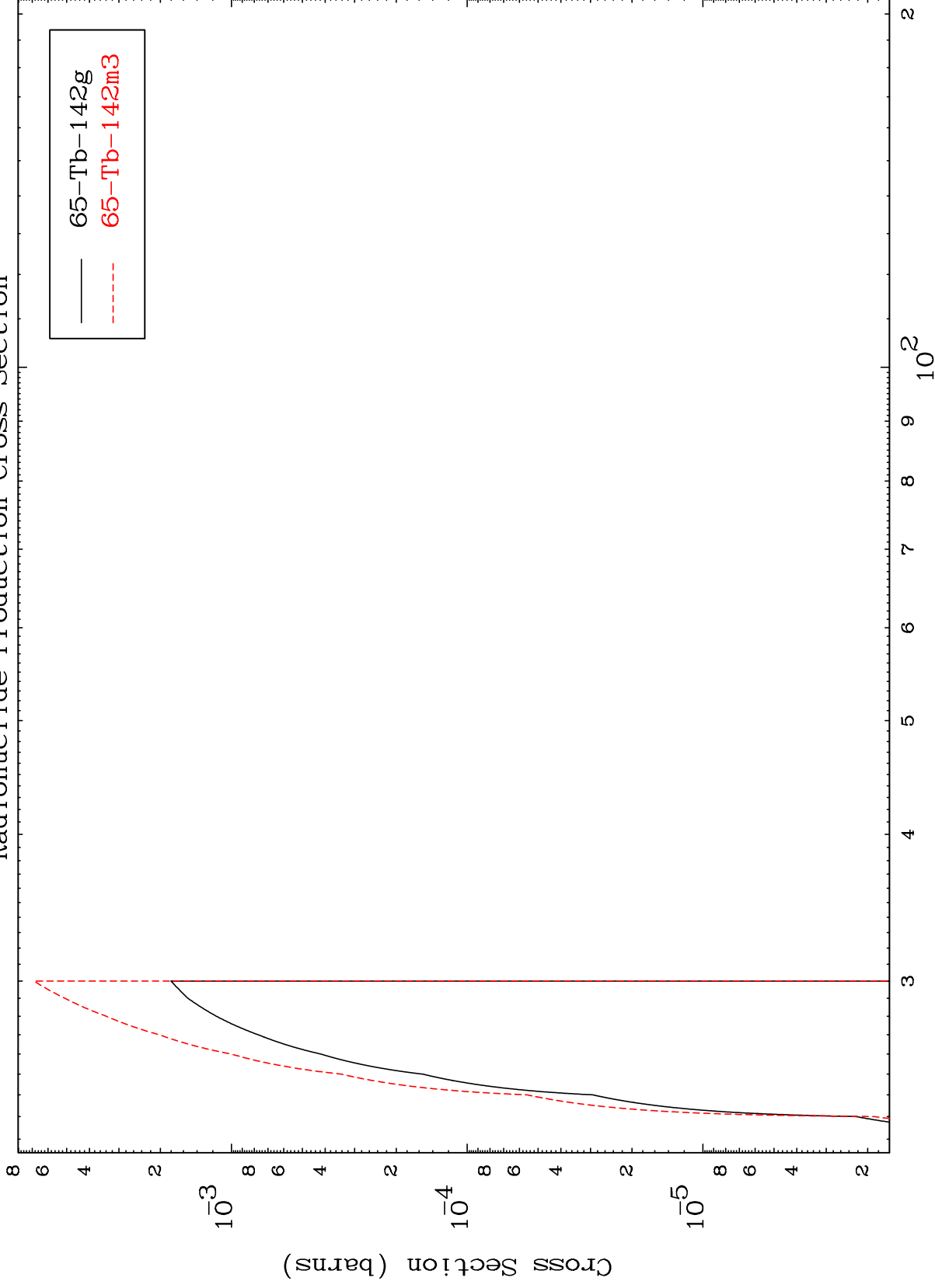
83

MAT 6480

(n,3n)

65-Tb-144

Radionuclide Production Cross Section



84

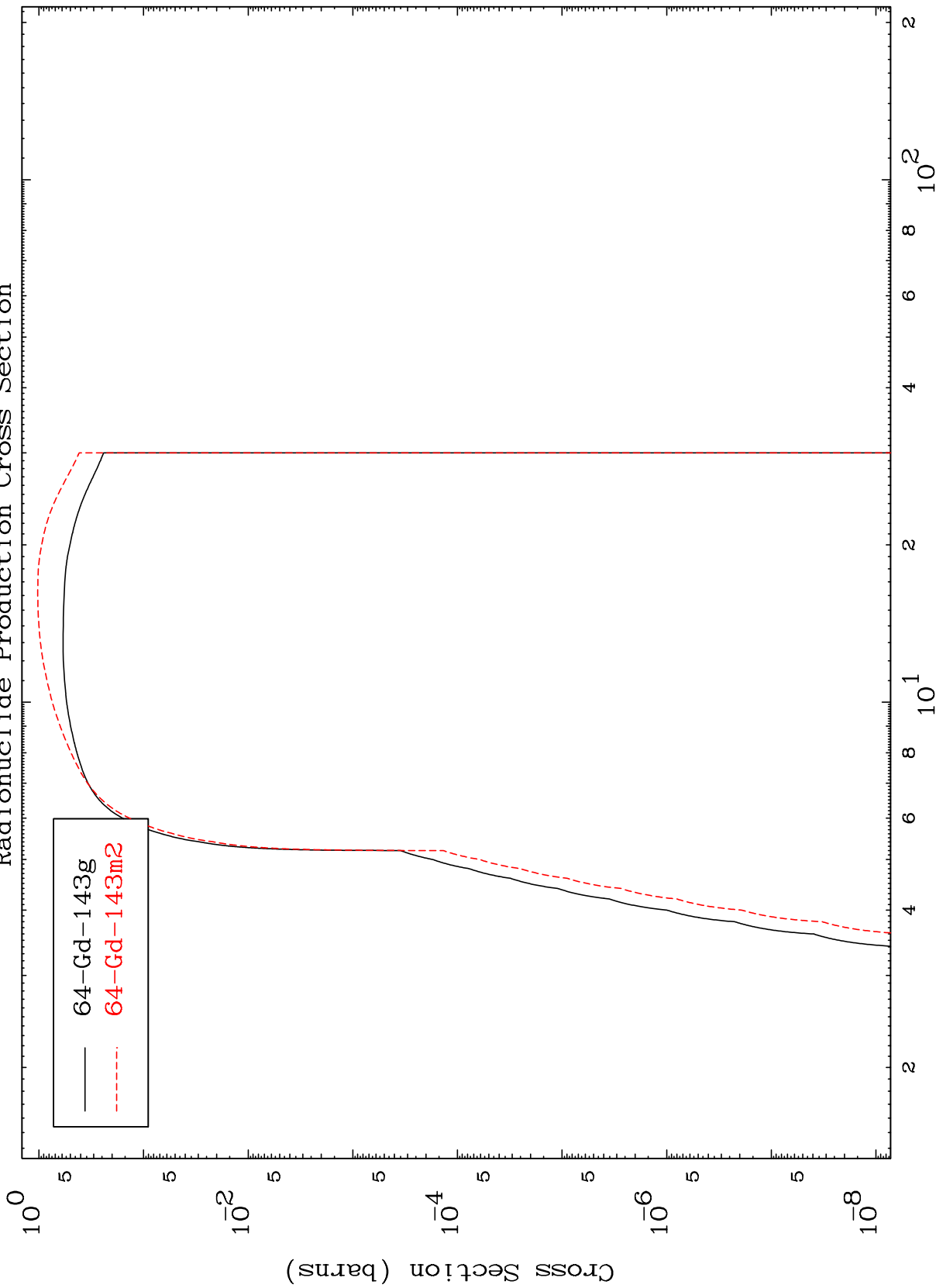
Incident Energy (MeV)

65-Tb-144

MAT 6480

65-Tb-144

(n,n') p
Radionuclide Production Cross Section



64-Gd-143g
64-Gd-143m2

85

Incident Energy (MeV)

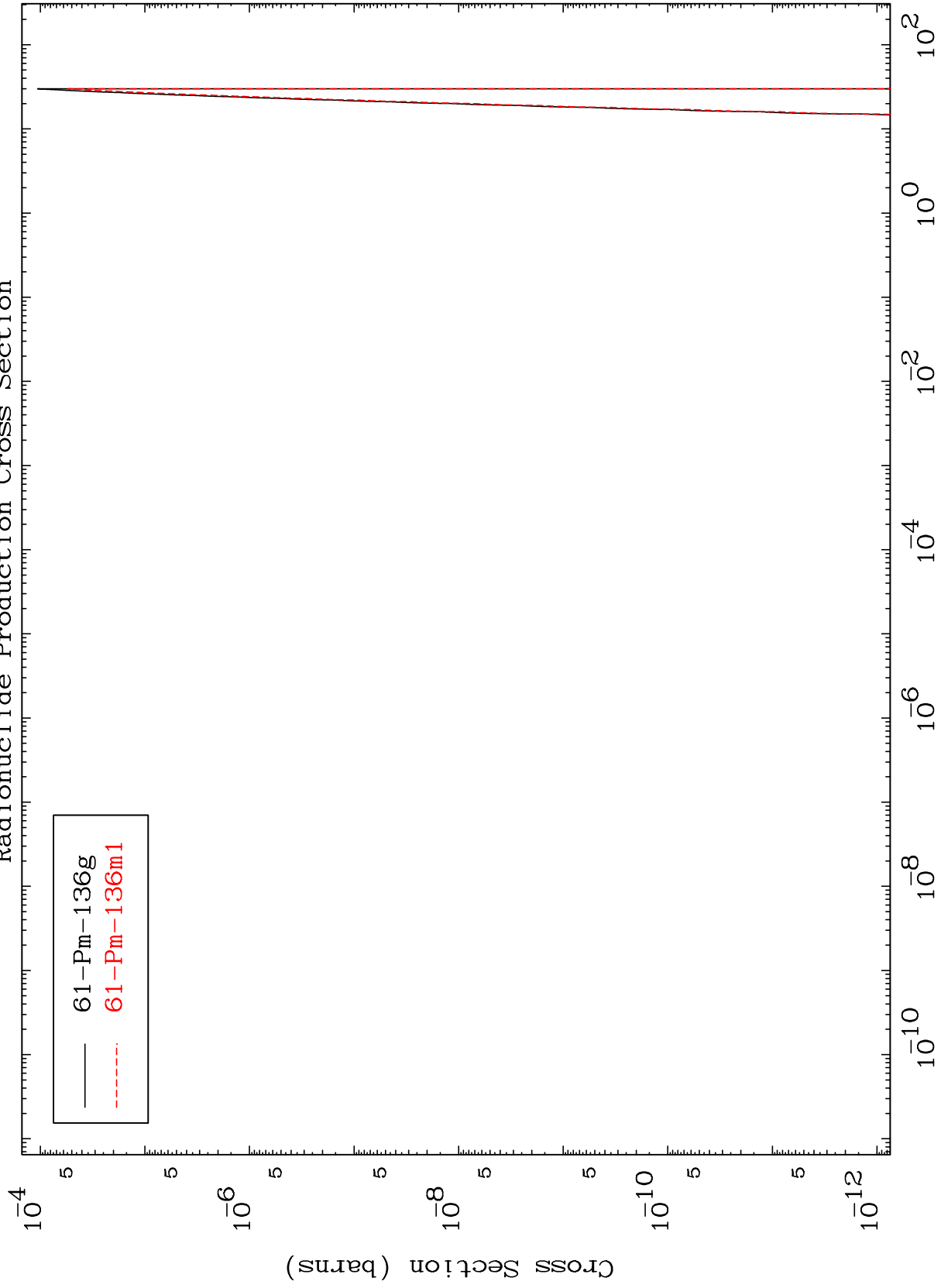
65-Tb-144

MAT 6480

(n,n') 2 α

65-Tb-144

Radionuclide Production Cross Section



86

Incident Energy (MeV)

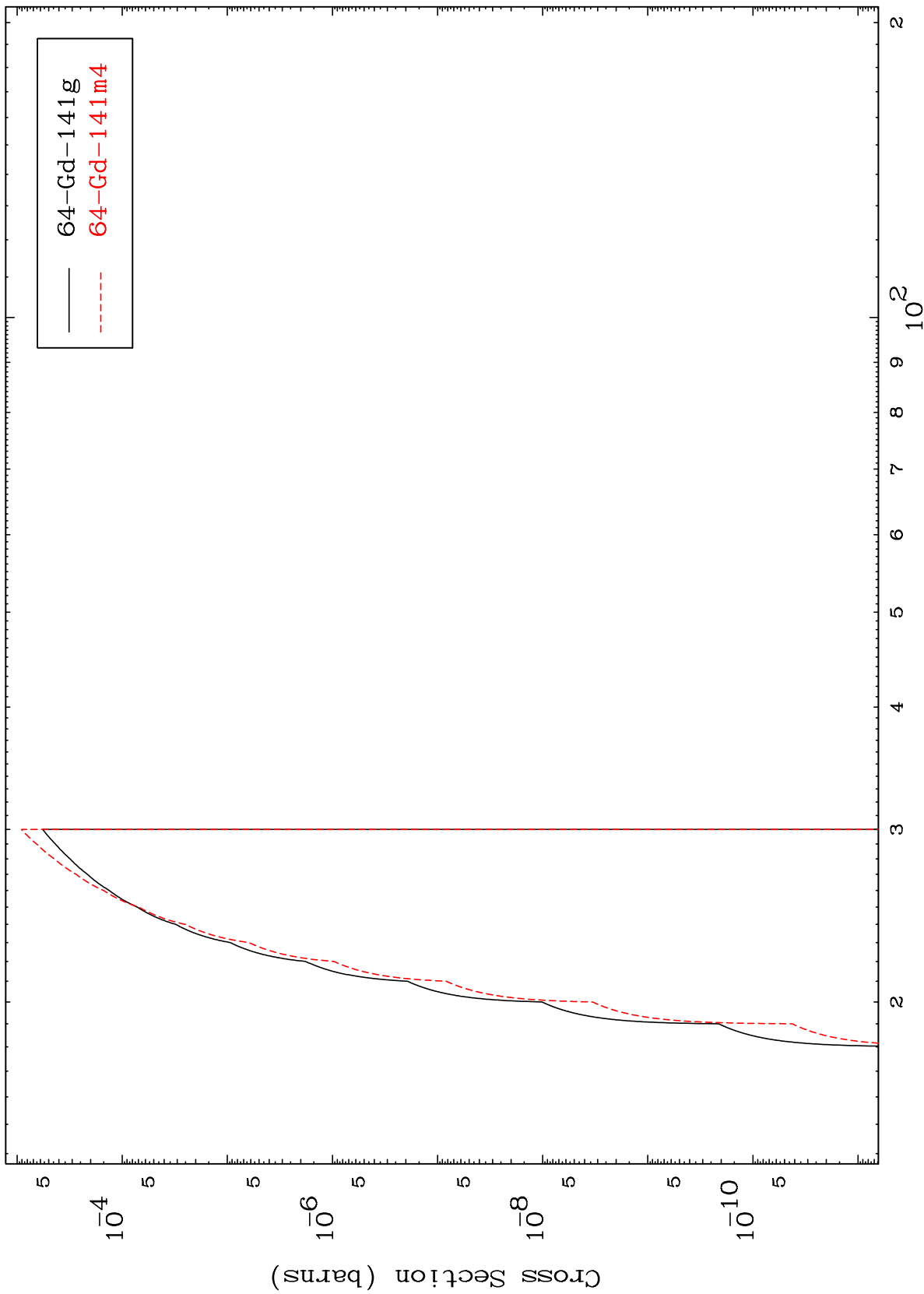
65-Tb-144

MAT 6480

(n,n') t

65-Tb-144

Radionuclide Production Cross Section



87

Incident Energy (MeV)

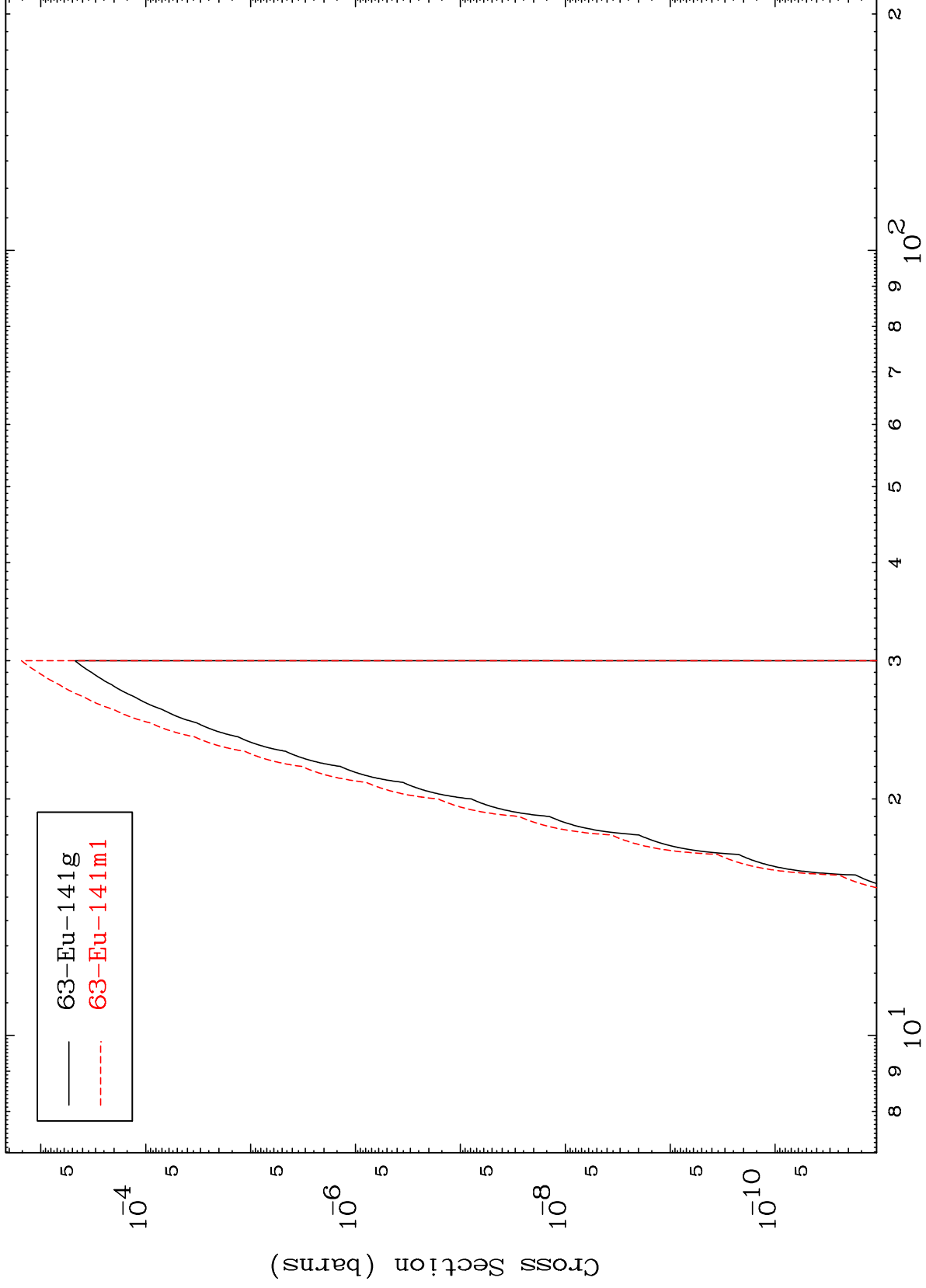
65-Tb-144

MAT 6480

(n,n') He-3

65-Tb-144

Radionuclide Production Cross Section



88

Incident Energy (MeV)

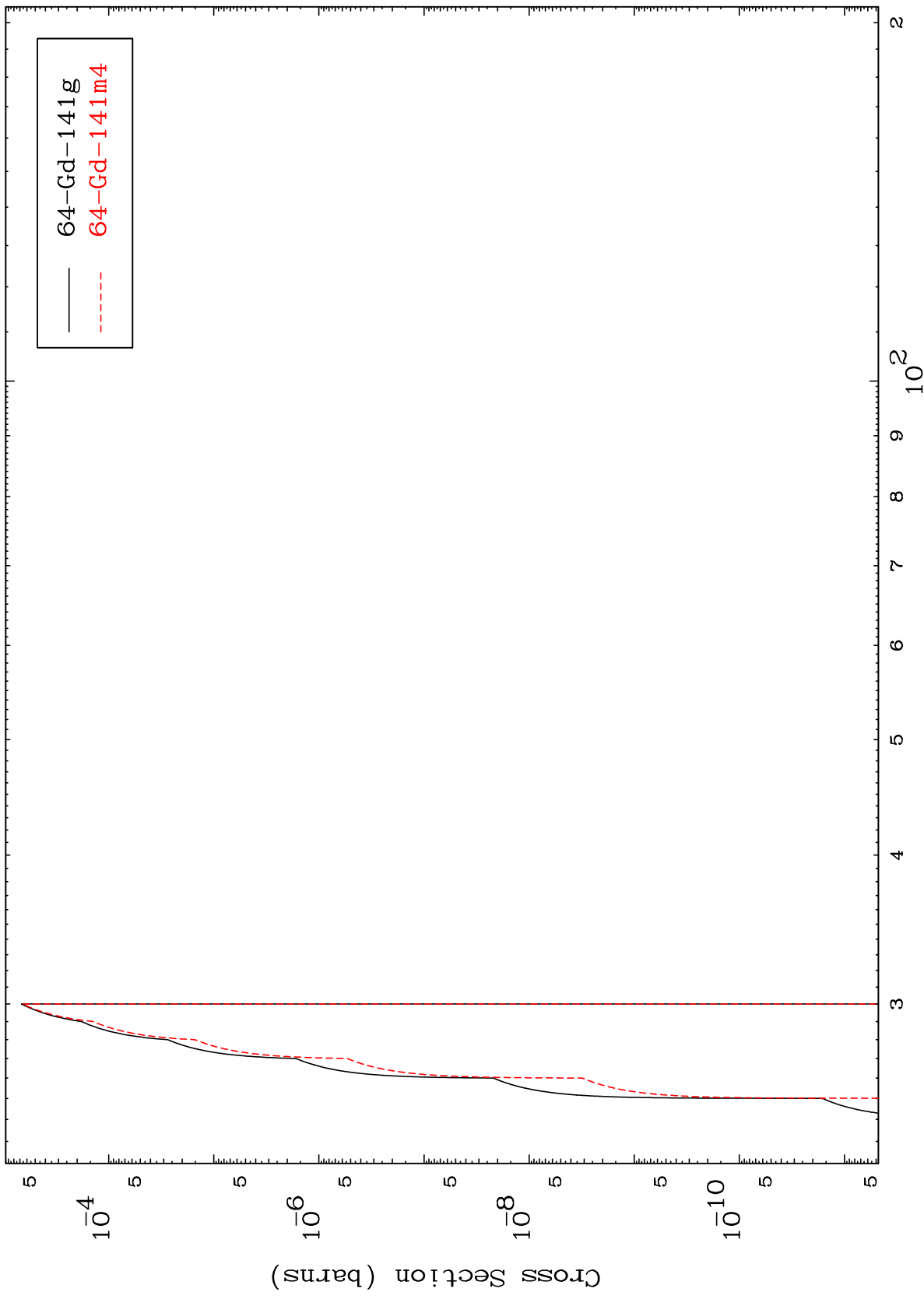
65-Tb-144

MAT 6480

(n,3n) p

65-Tb-144

Radionuclide Production Cross Section



89

Incident Energy (MeV)

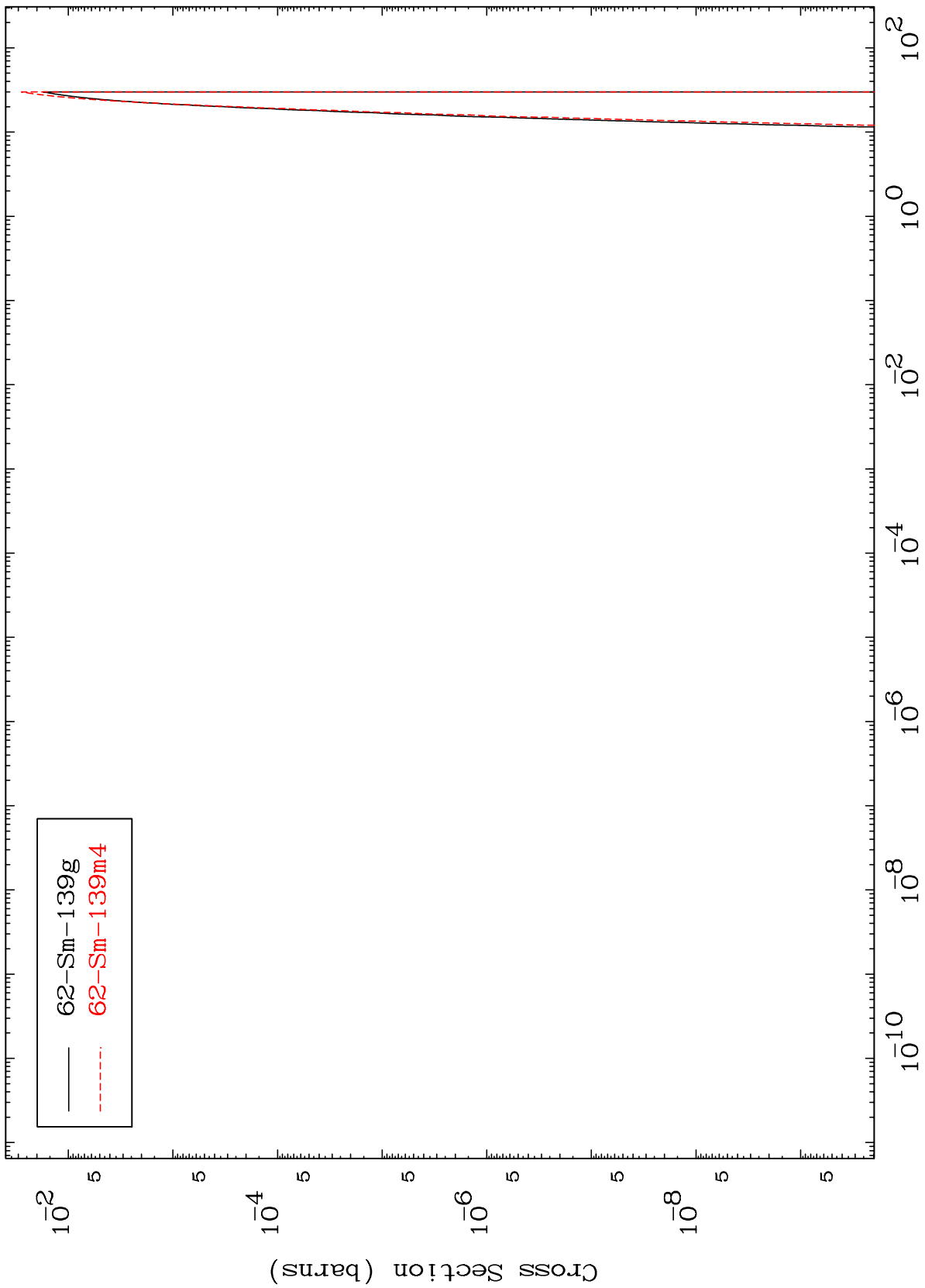
65-Tb-144

MAT 6480

(n,n') p α

65-Tb-144

Radionuclide Production Cross Section



90

Incident Energy (MeV)

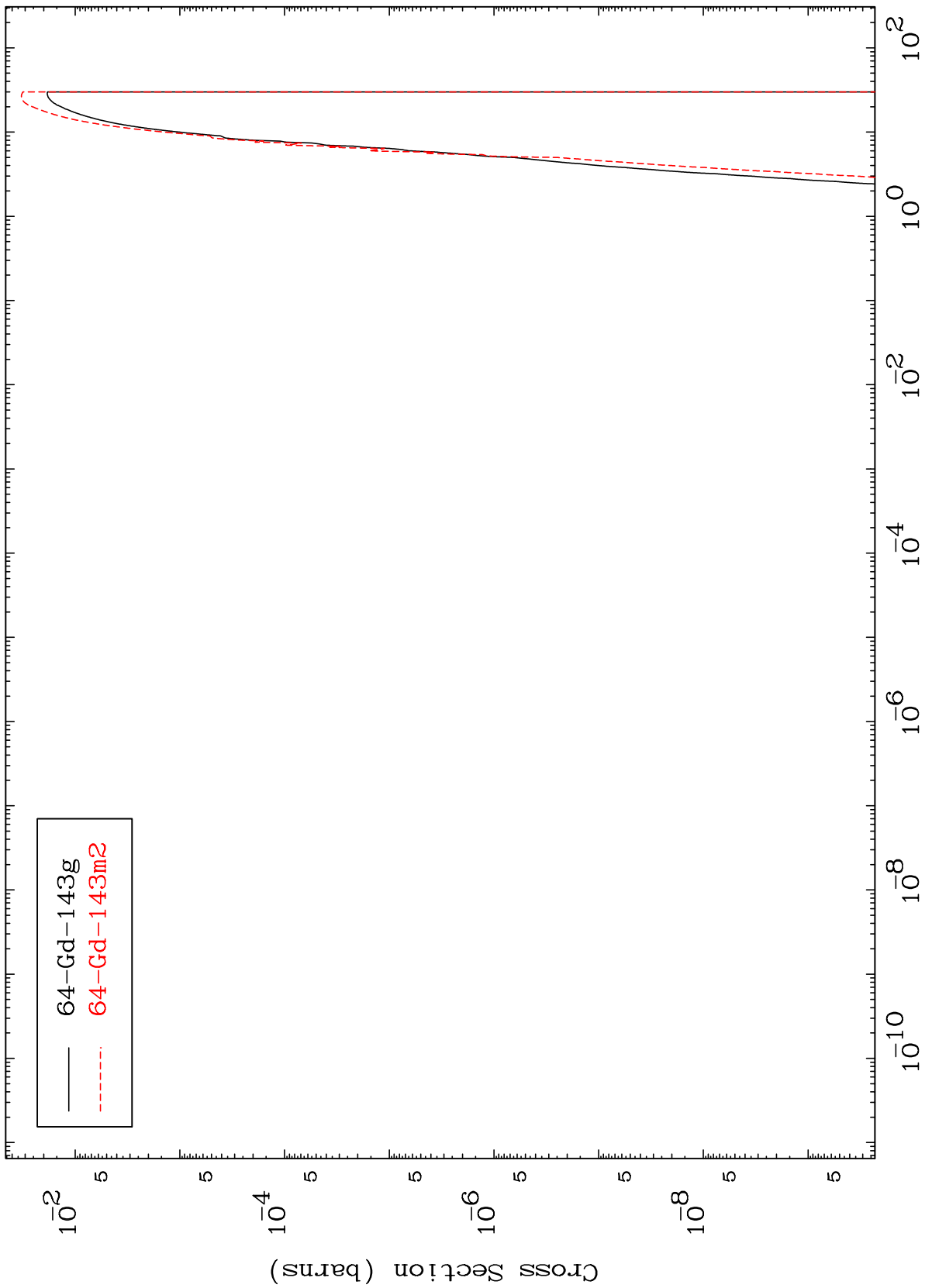
65-Tb-144

MAT 6480

(n,d)

65-Tb-144

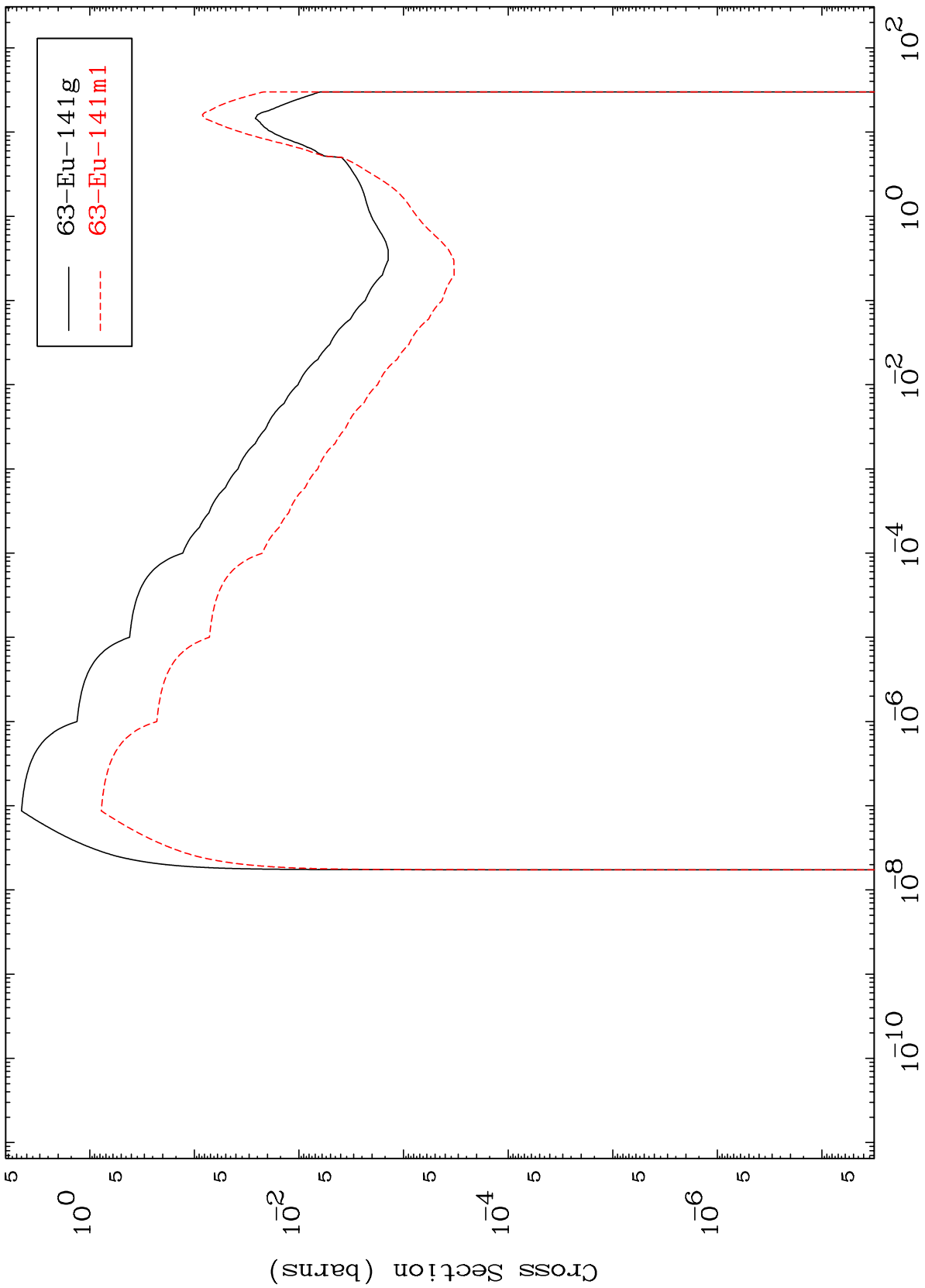
Radionuclide Production Cross Section



MAT 6480

65-Tb-144

(n, α)
Radionuclide Production Cross Section



92

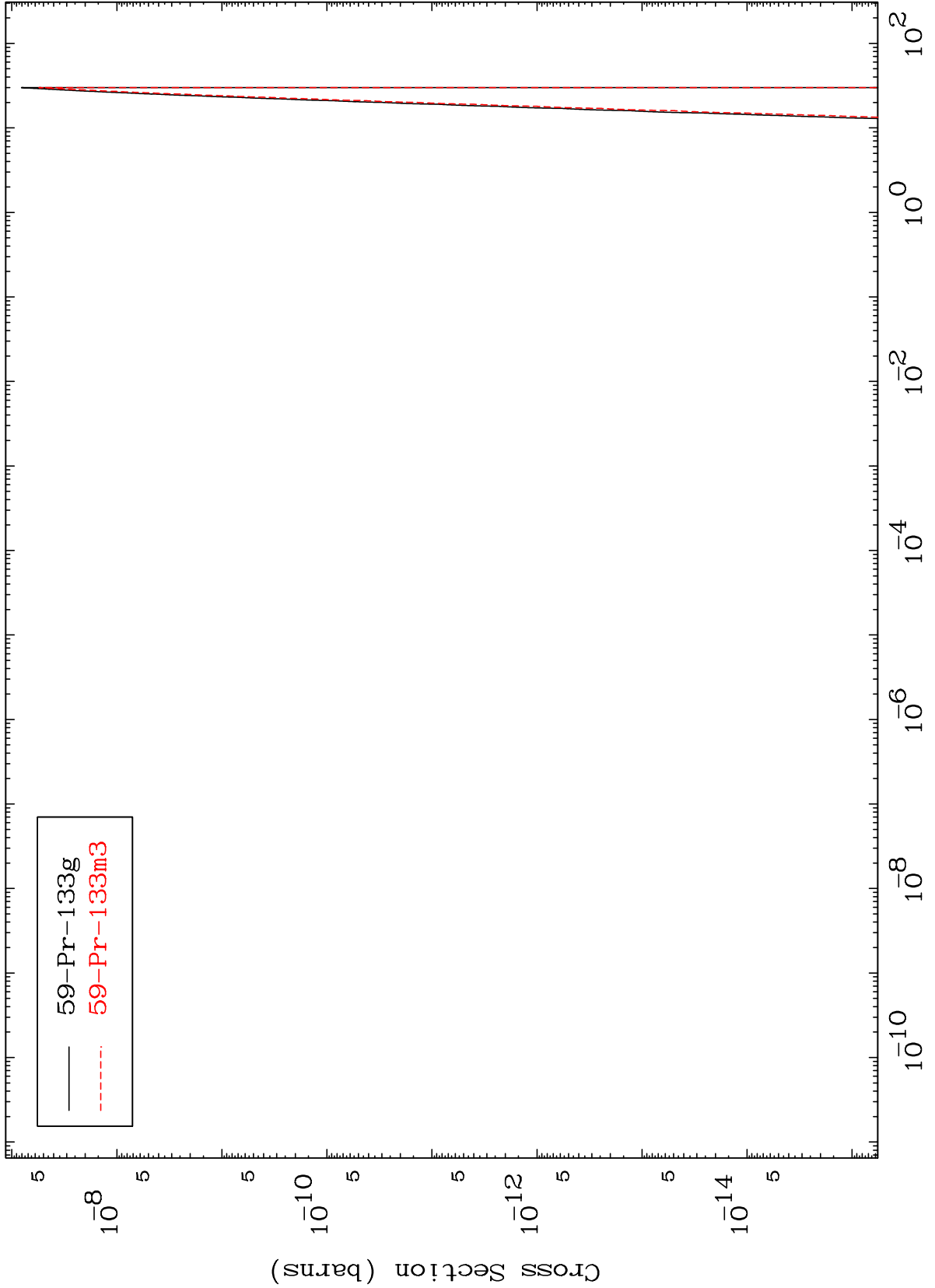
65-Tb-144

MAT 6480

(n, 3α)

65-Tb-144

Radionuclide Production Cross Section



93

Incident Energy (MeV)

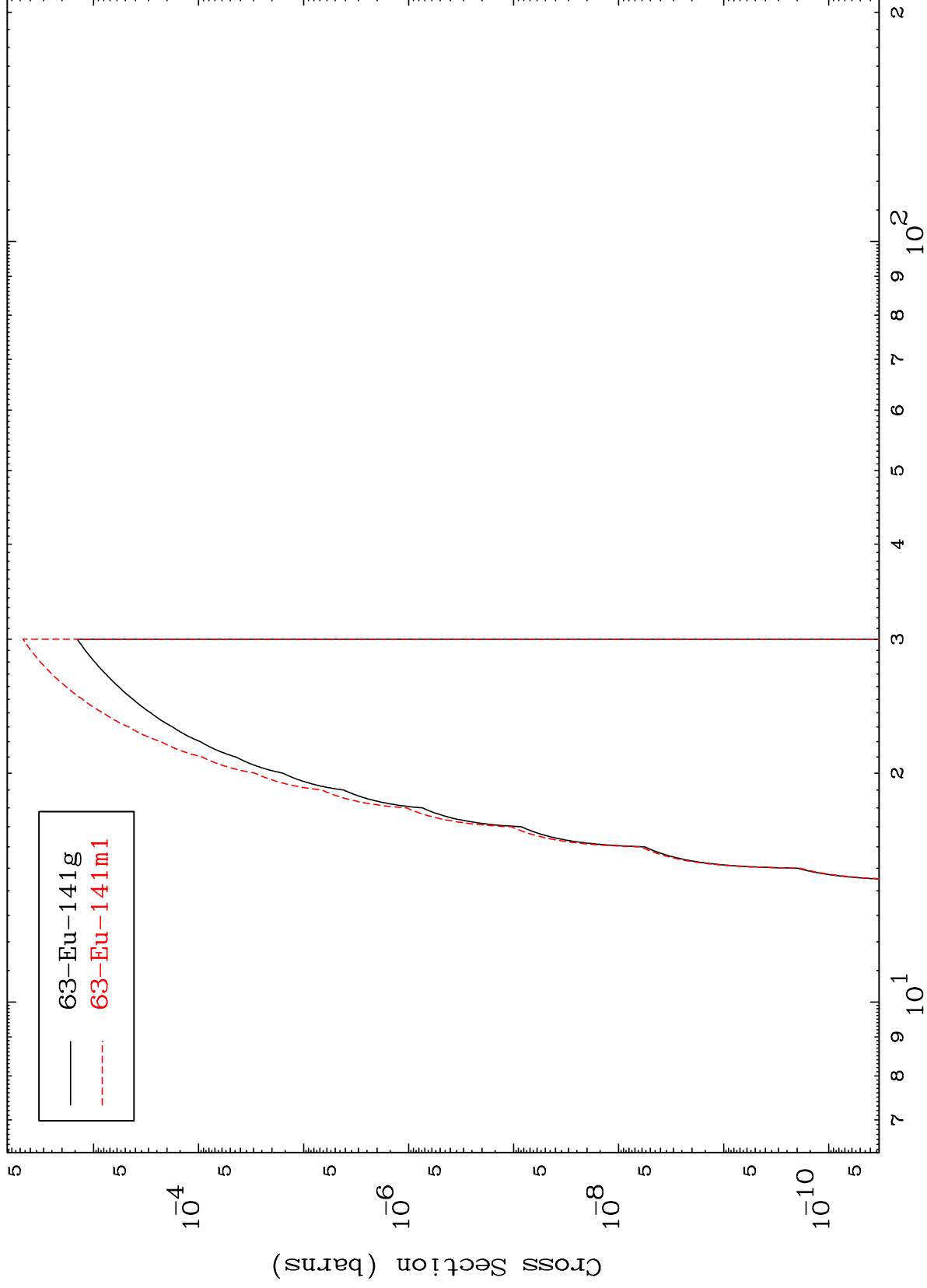
65-Tb-144

MAT 6480

(n,p) t

65-Tb-144

Radionuclide Production Cross Section



94

Incident Energy (MeV)

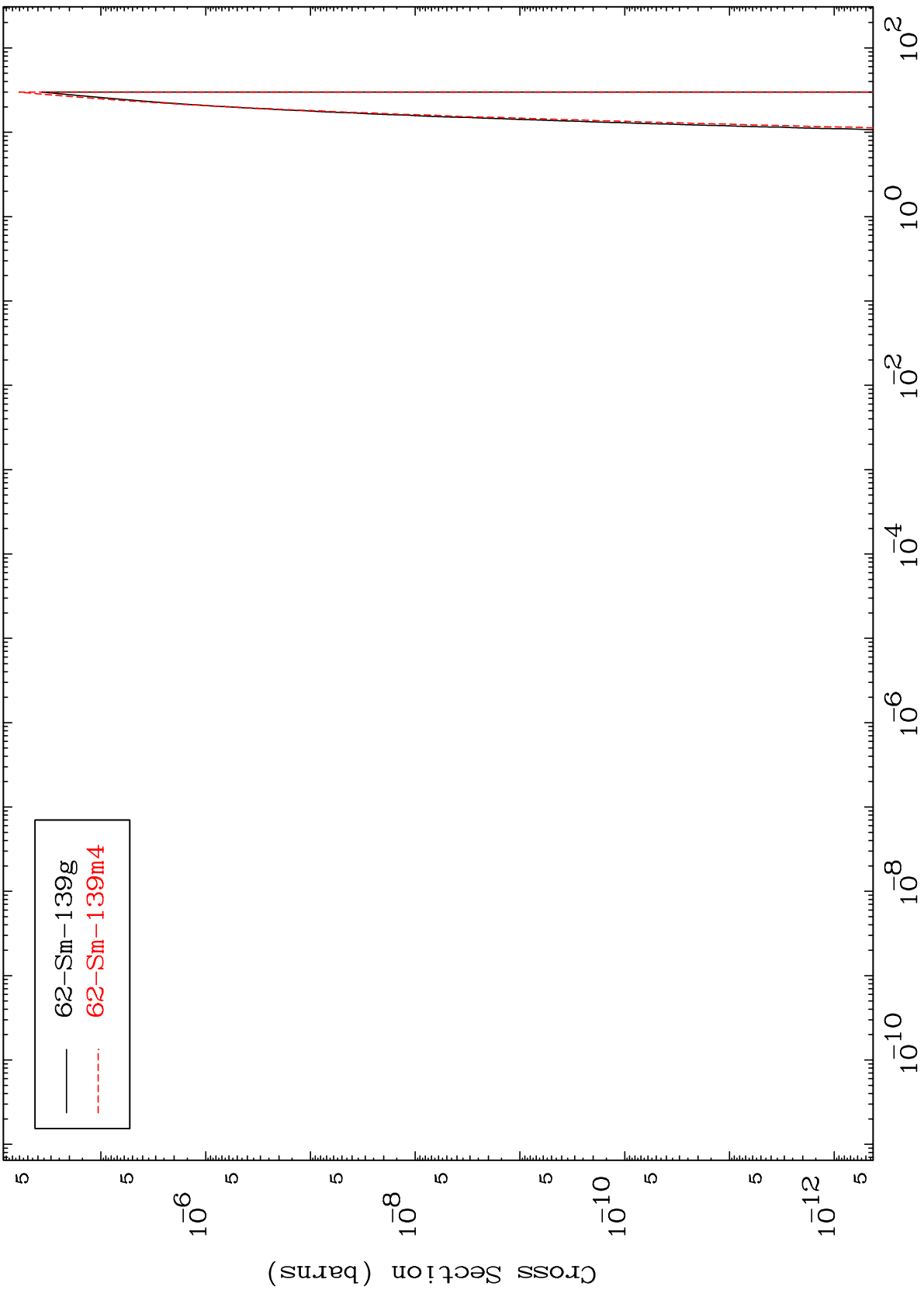
65-Tb-144

MAT 6480

(n,d) α

⁶⁵Tb-144

Radionuclide Production Cross Section



95

Incident Energy (MeV)

⁶⁵Tb-144