

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

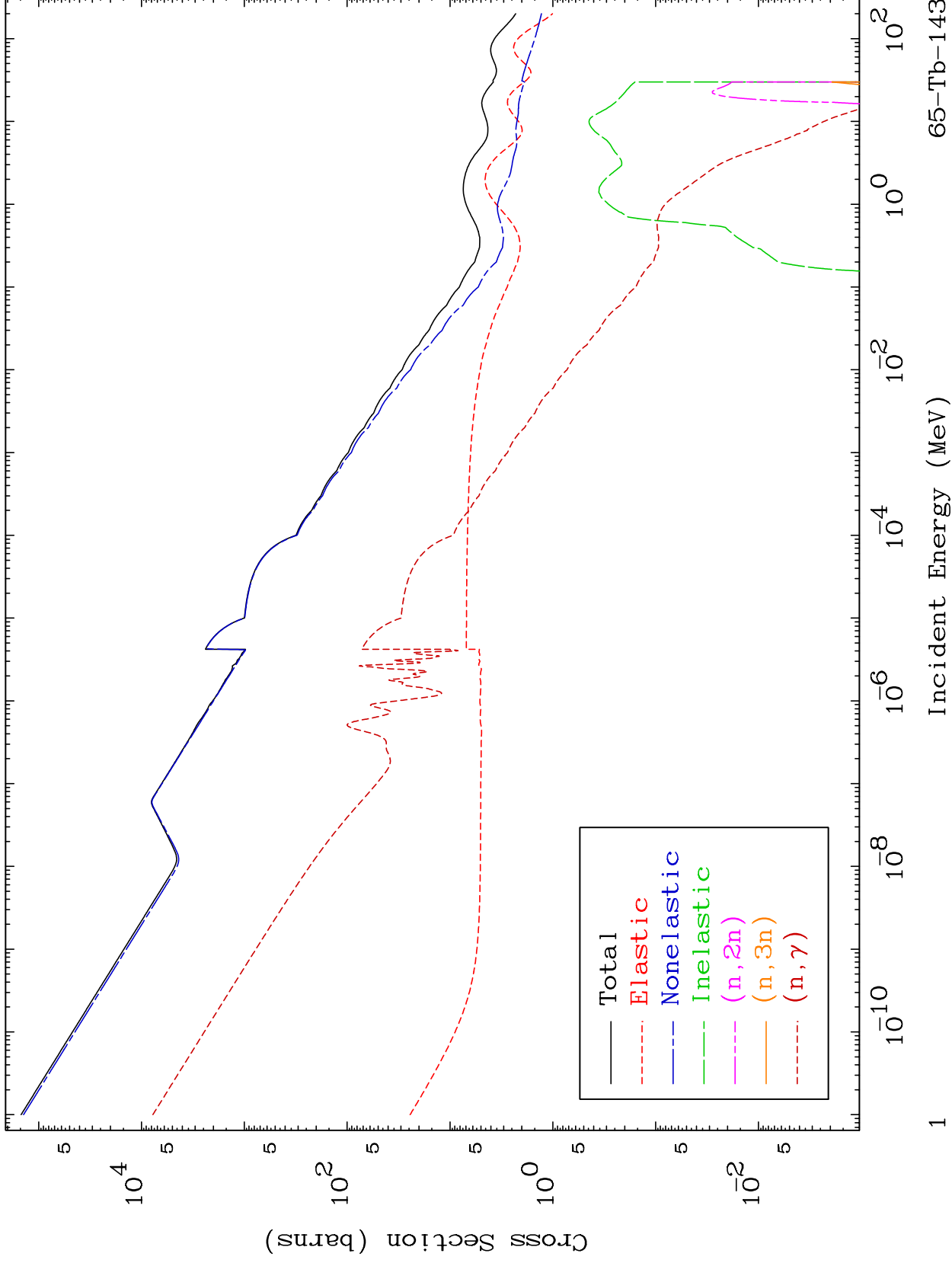
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Press Mouse Button to Start

MAT 6477

Neutron Major
293 Kelvin Cross Sections

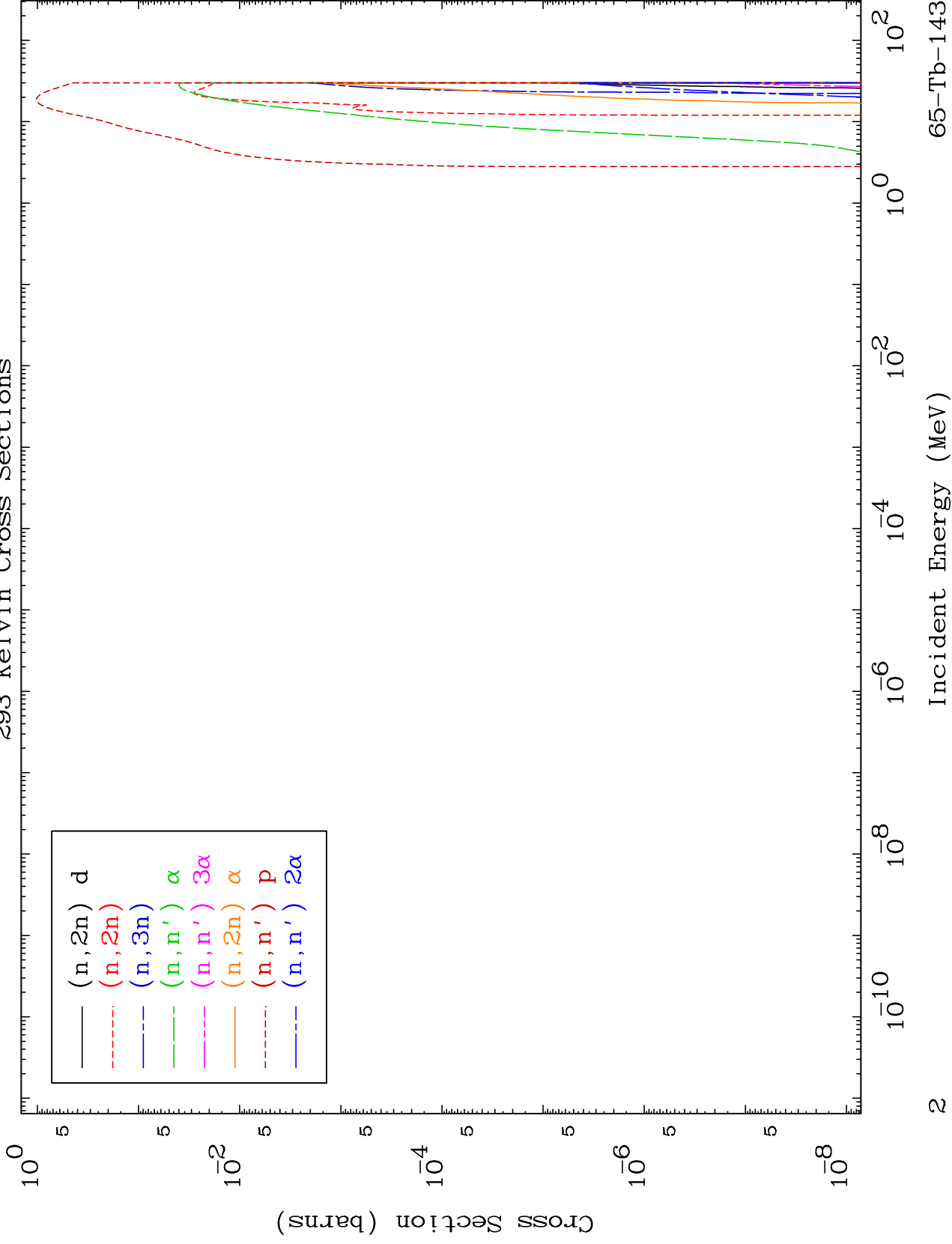
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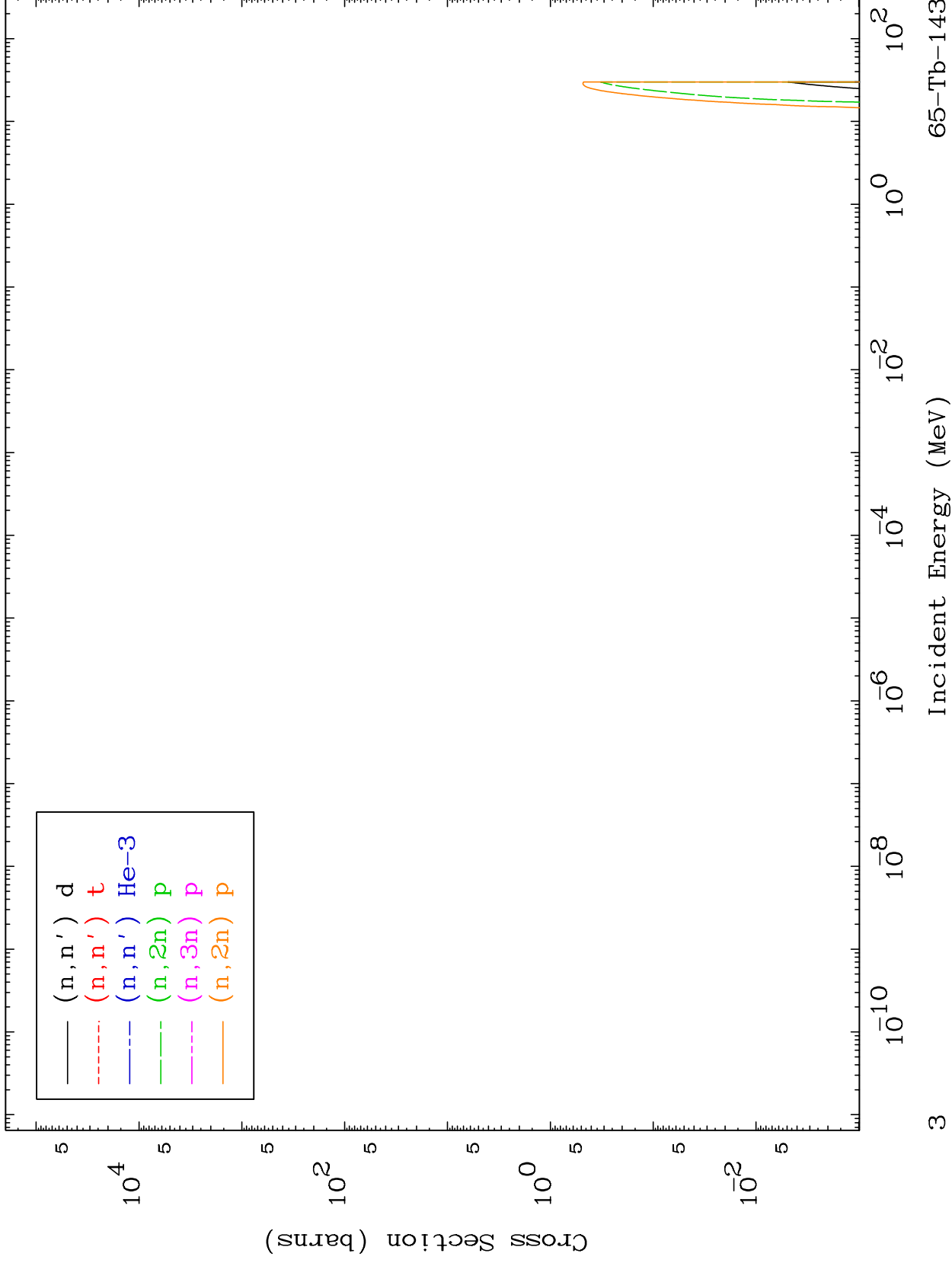


MAT 6477

Neutron Absorption
293 Kelvin Cross Sections

65-Tb-143

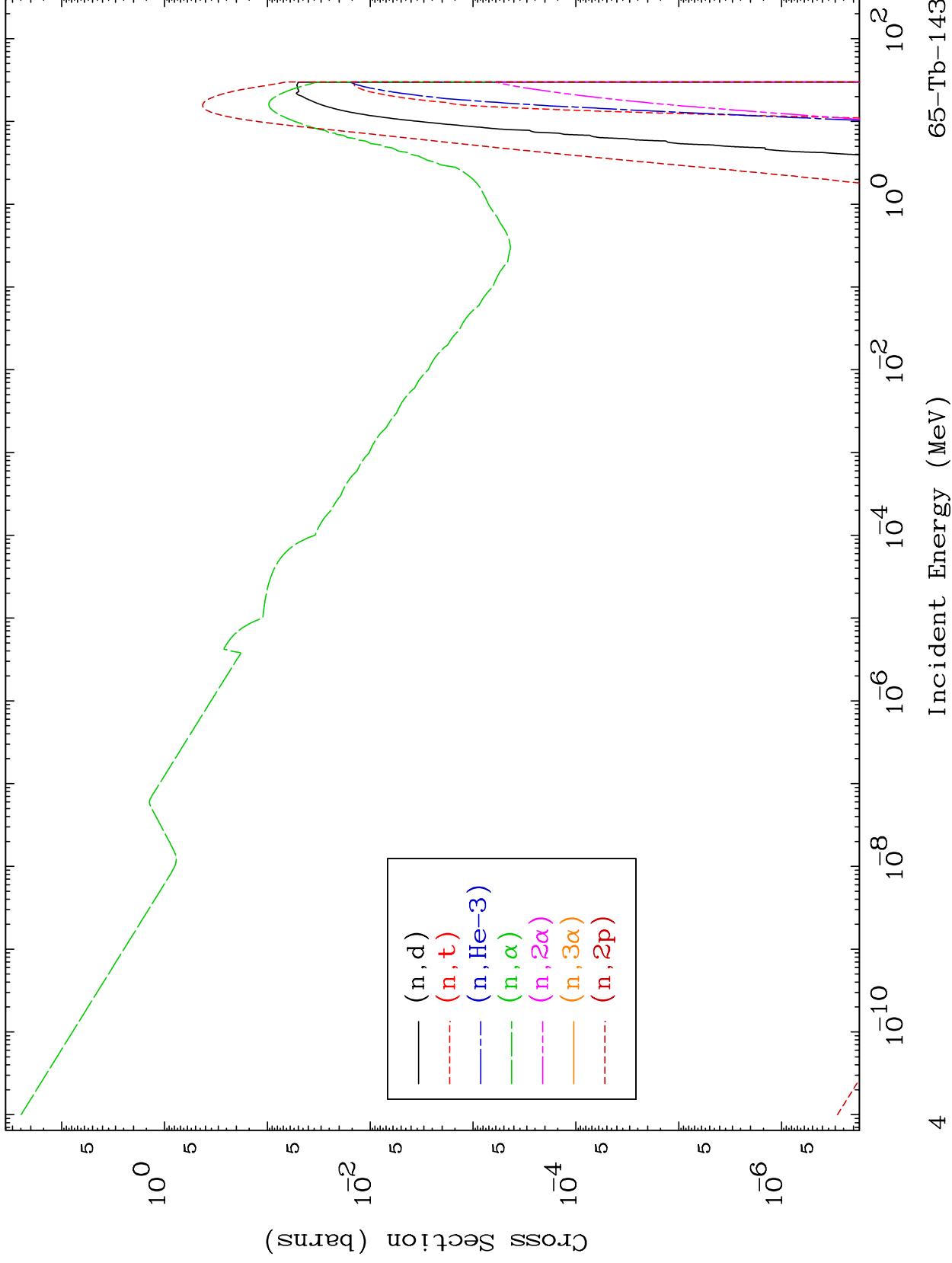




MAT 6477

Neutron Absorption
293 Kelvin Cross Sections

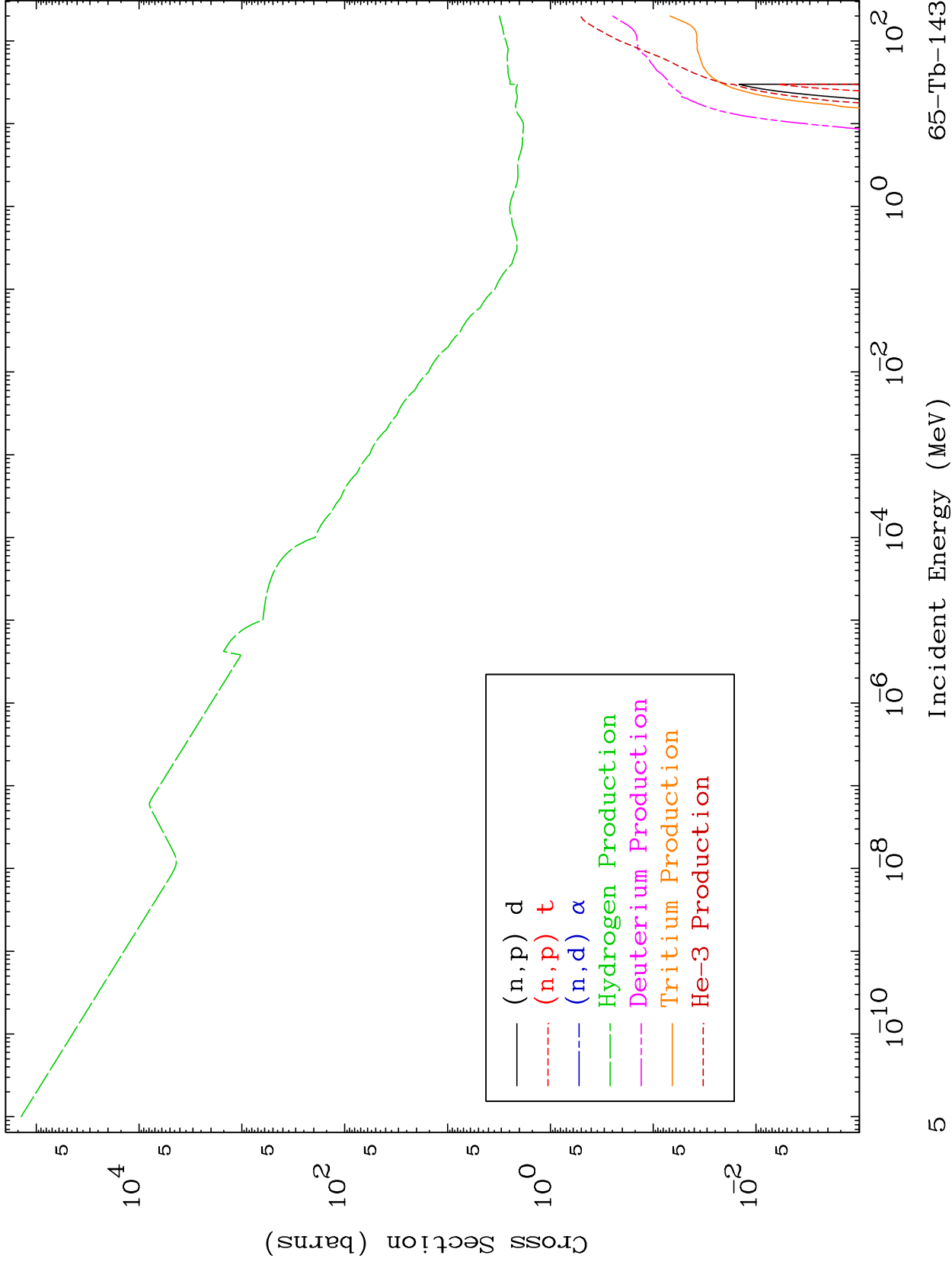
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MAT 6477

Neutron Absorption
293 Kelvin Cross Sections

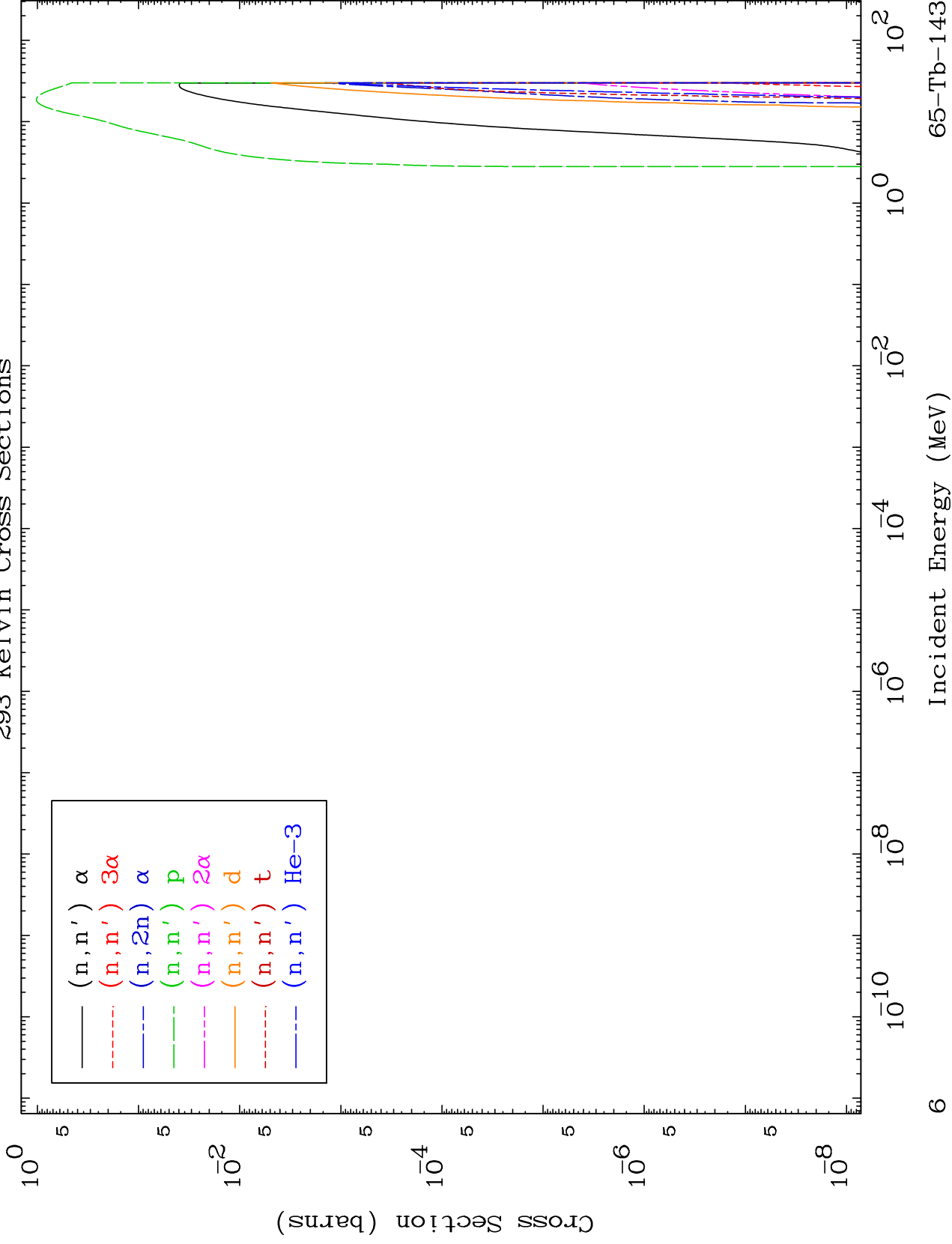
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MAT 6477

Charged Particle
293 Kelvin Cross Sections

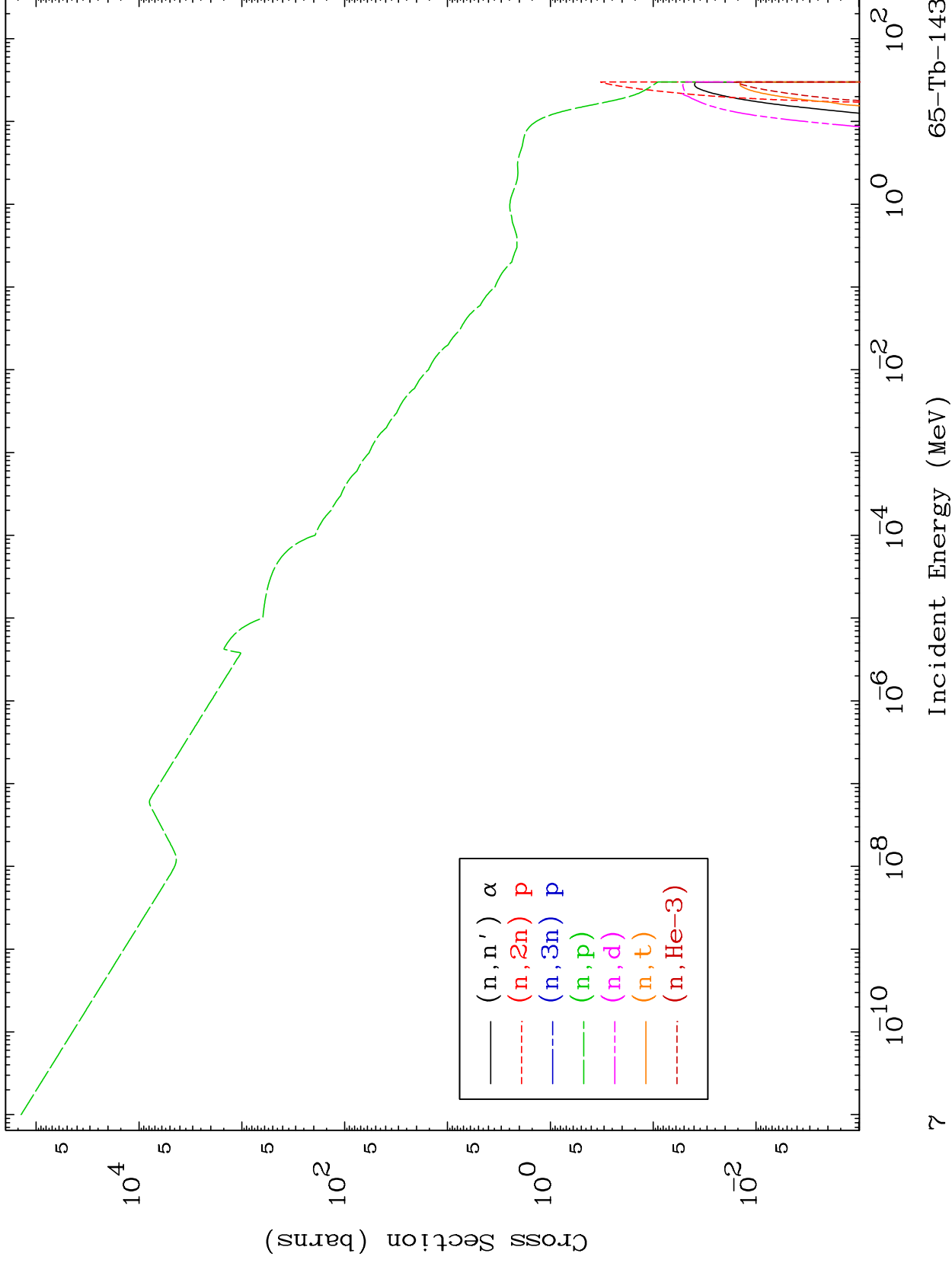
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MAT 6477

Charged Particle
293 Kelvin Cross Sections

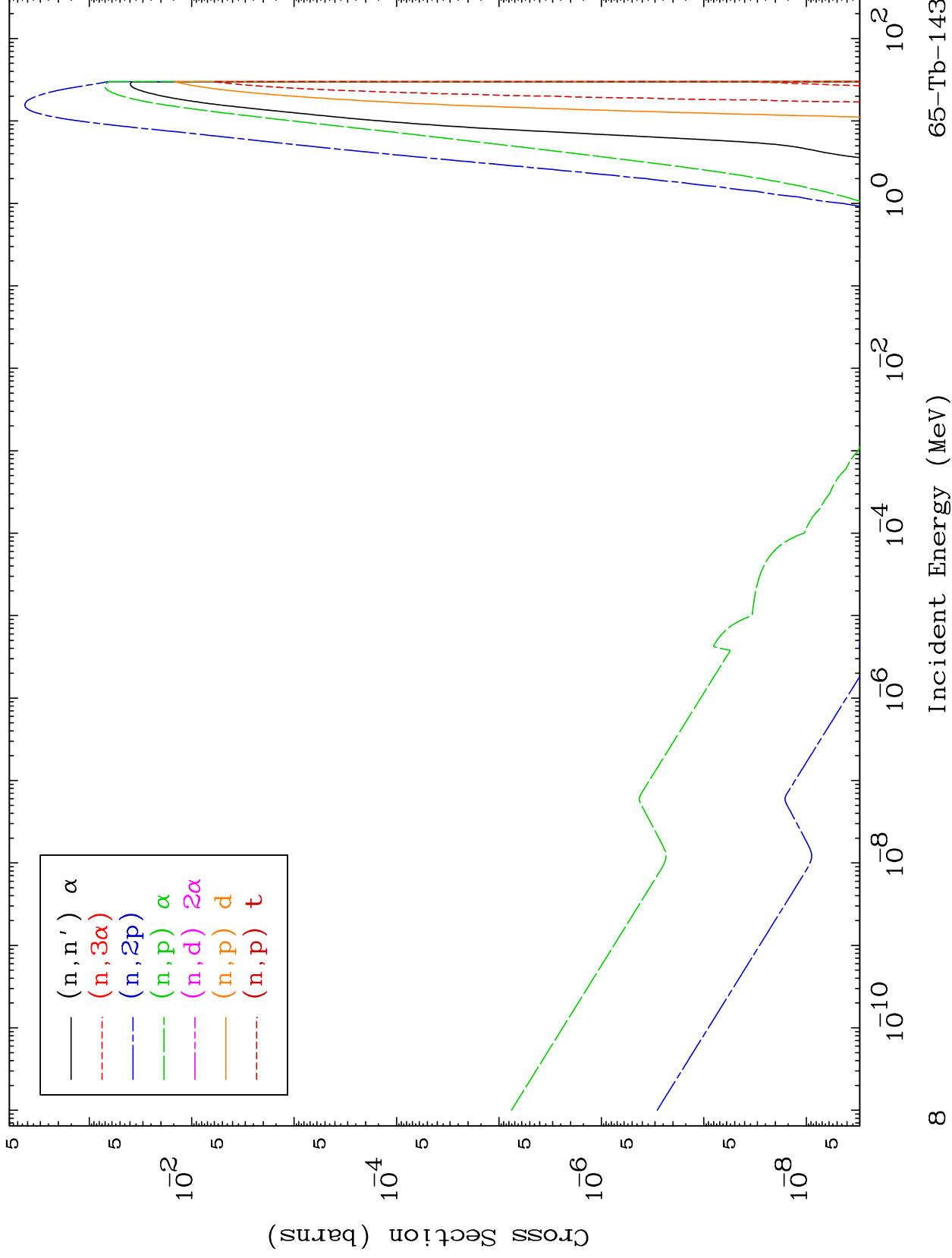
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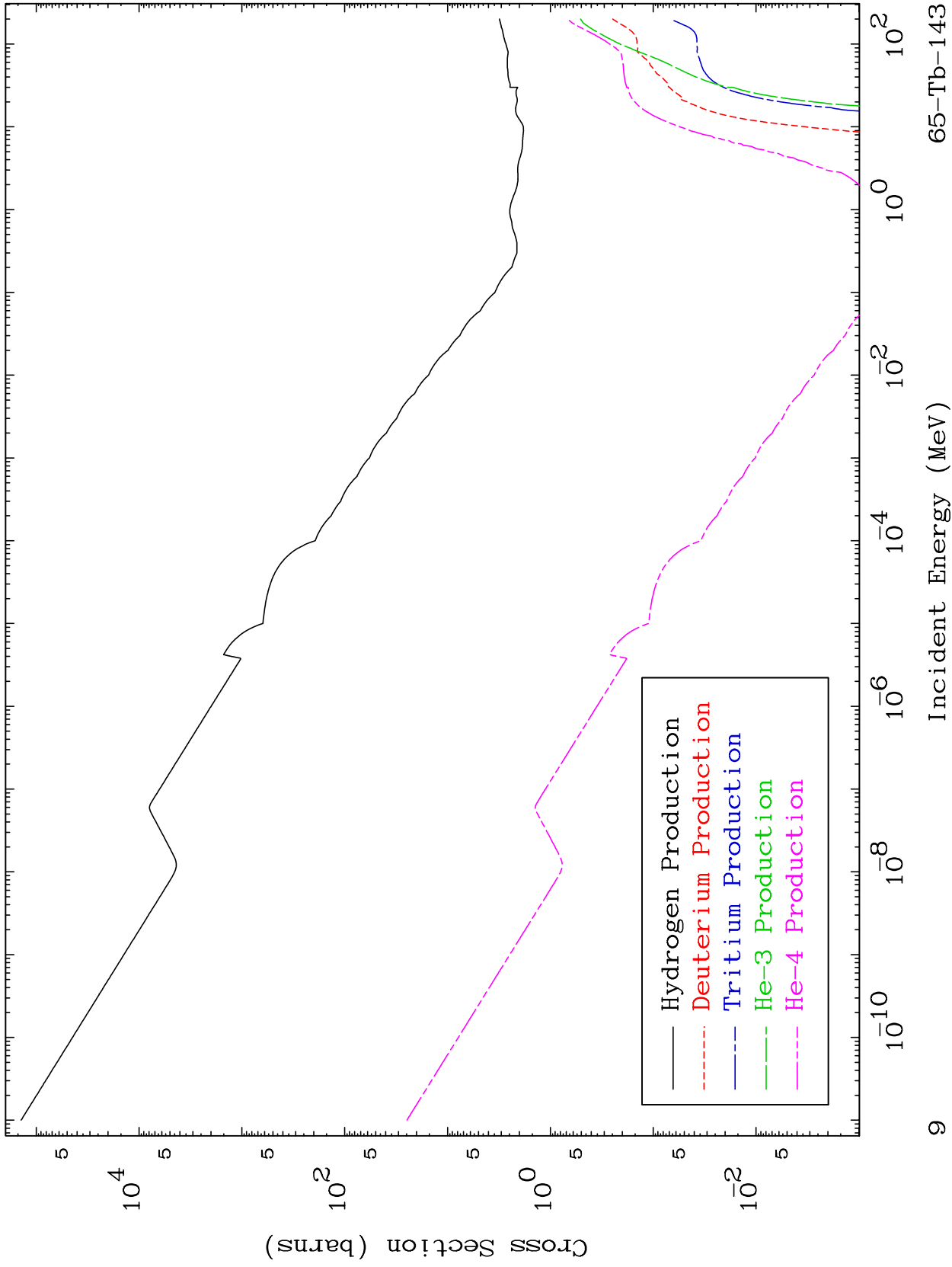


MAT 6477

Charged Particle
293 Kelvin Cross Sections

65-Tb-143

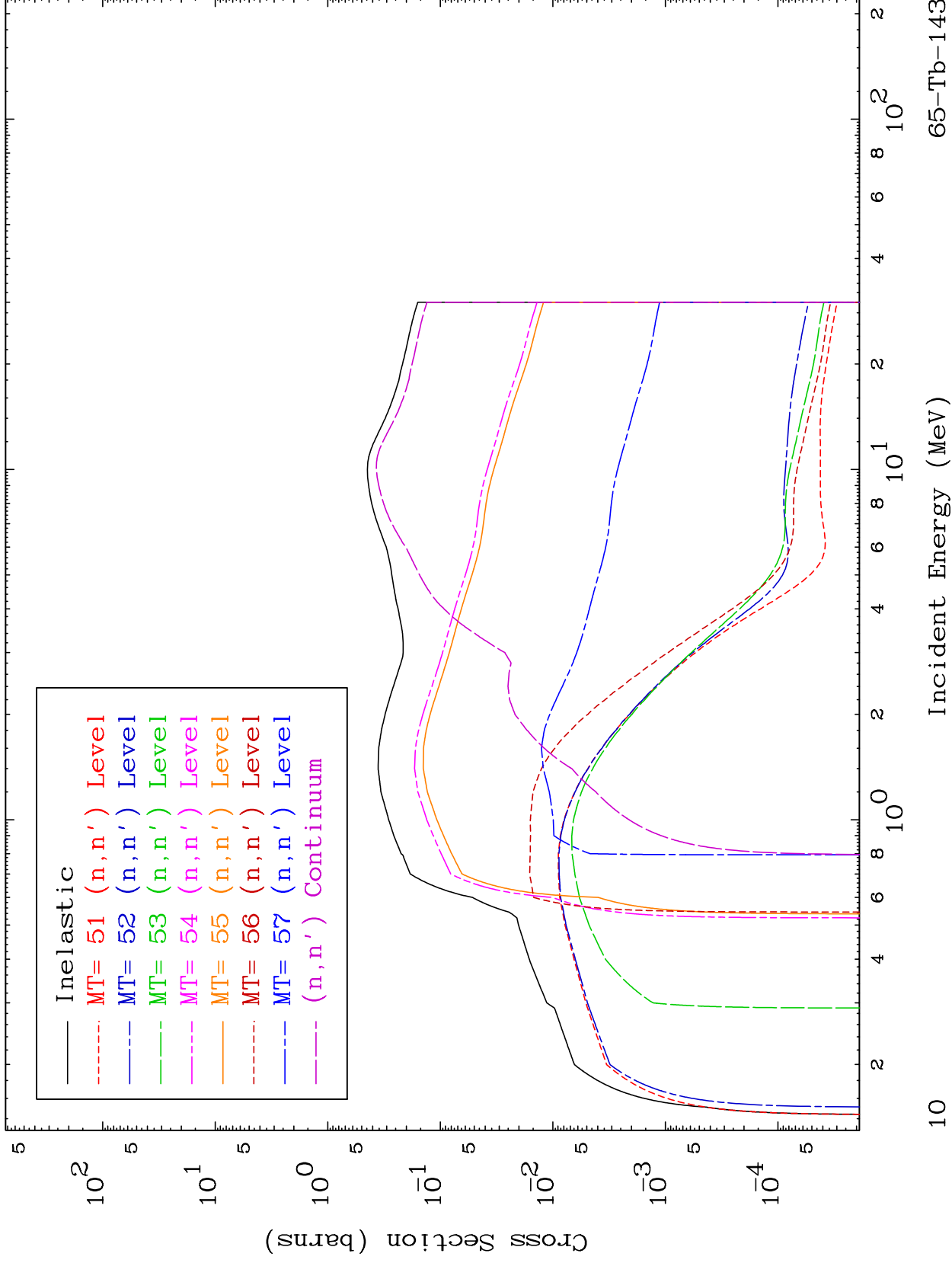




MAT 6477

(n,n') Levels
293 Kelvin Cross Sections

65-Tb-143



10

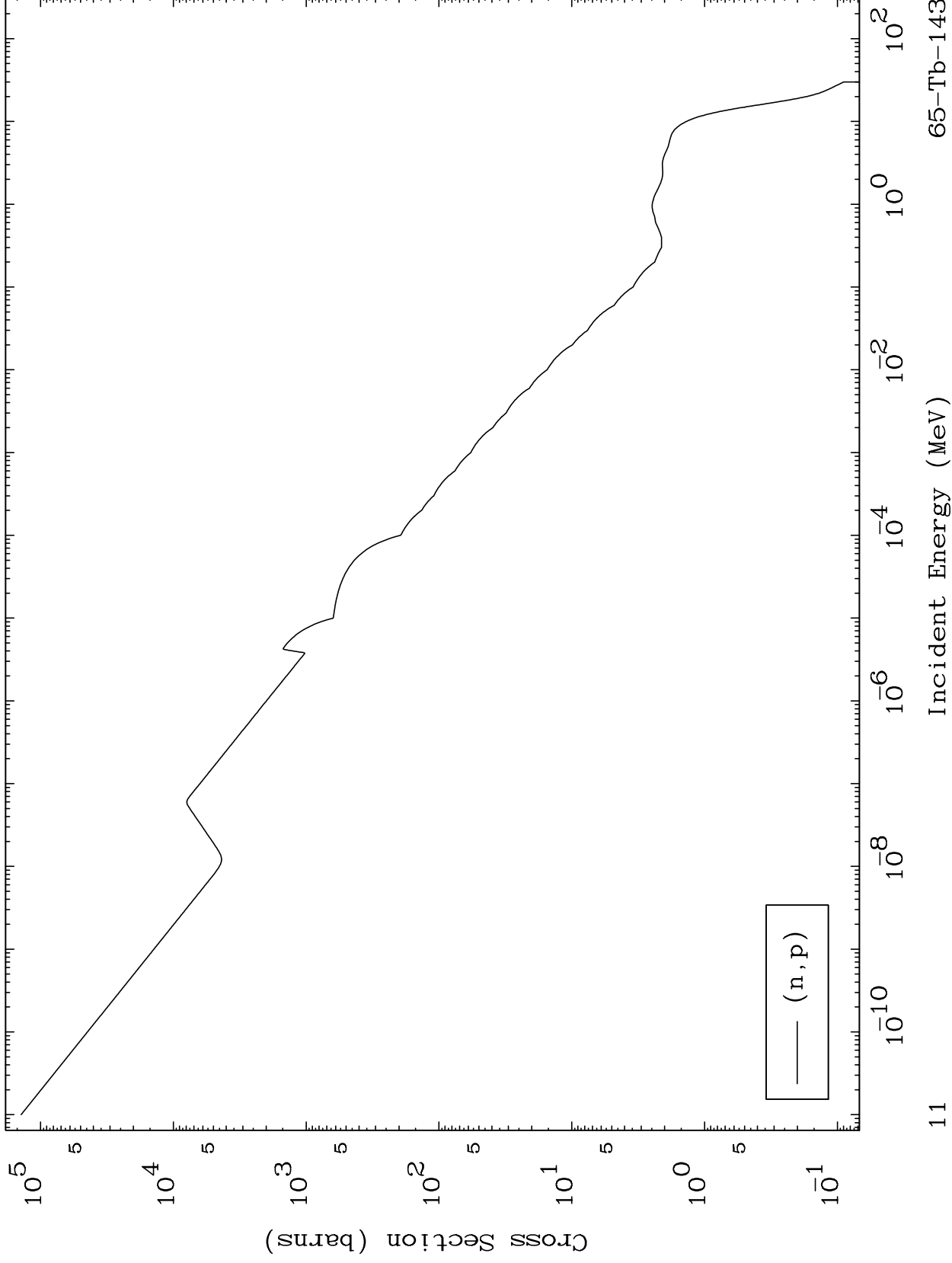
Incident Energy (MeV)

65-Tb-143

MAT 6477

(n,p) Levels
293 Kelvin Cross Sections

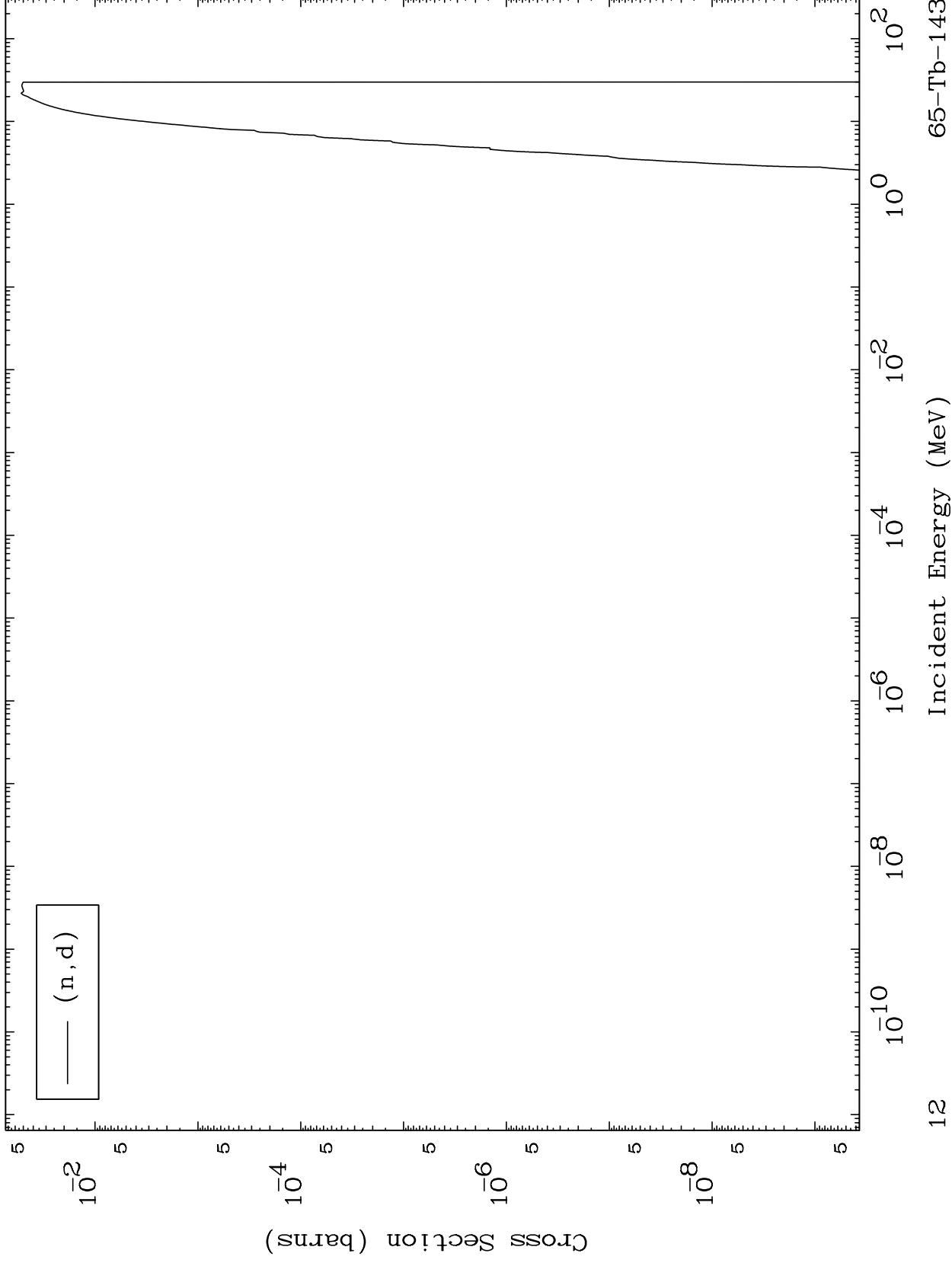
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MAT 6477

(n,d) Levels
293 Kelvin Cross Sections

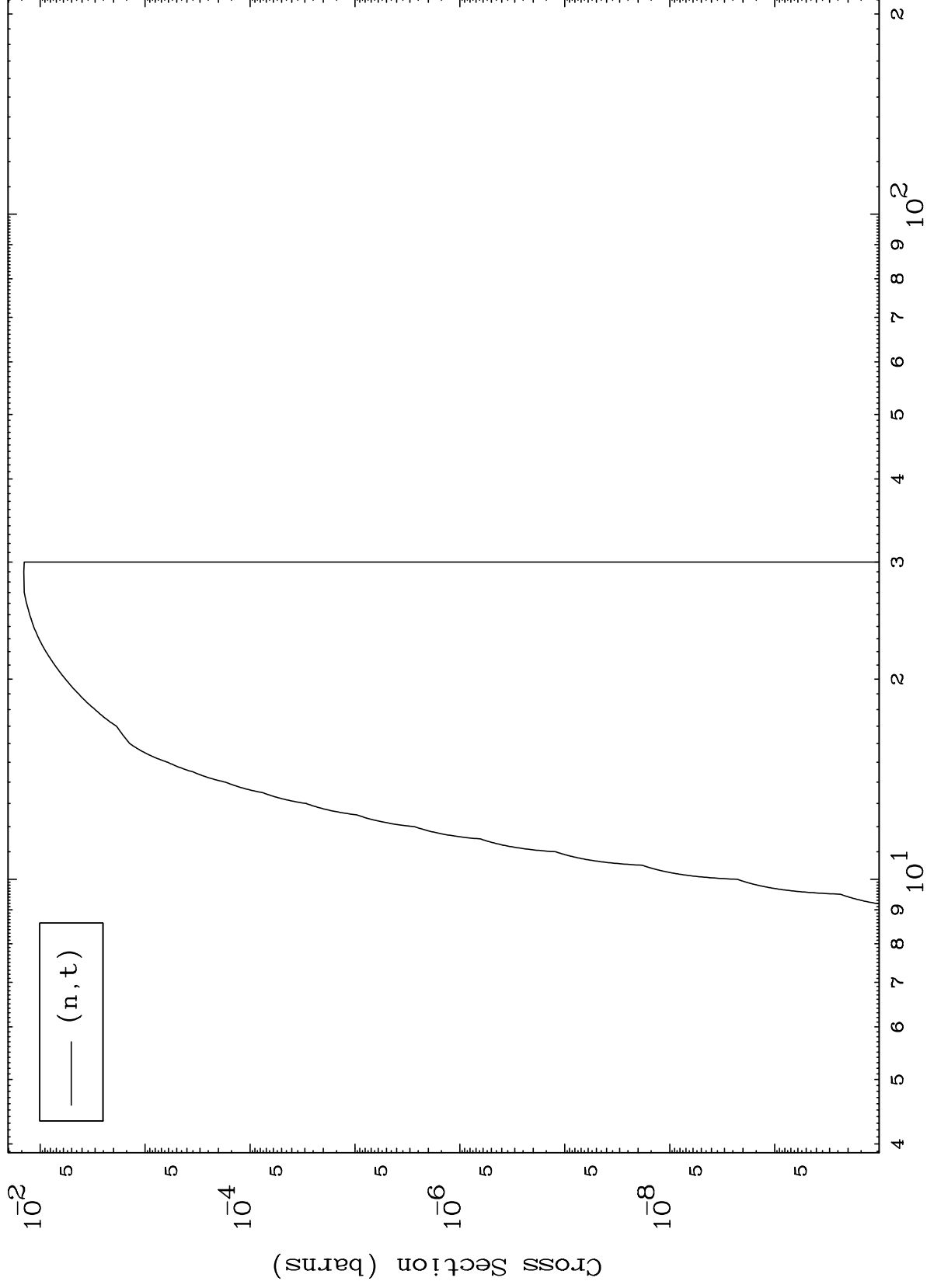
65-Tb-143



MAT 6477

(n,t) Levels
293 Kelvin Cross Sections

65-Tb-143



13

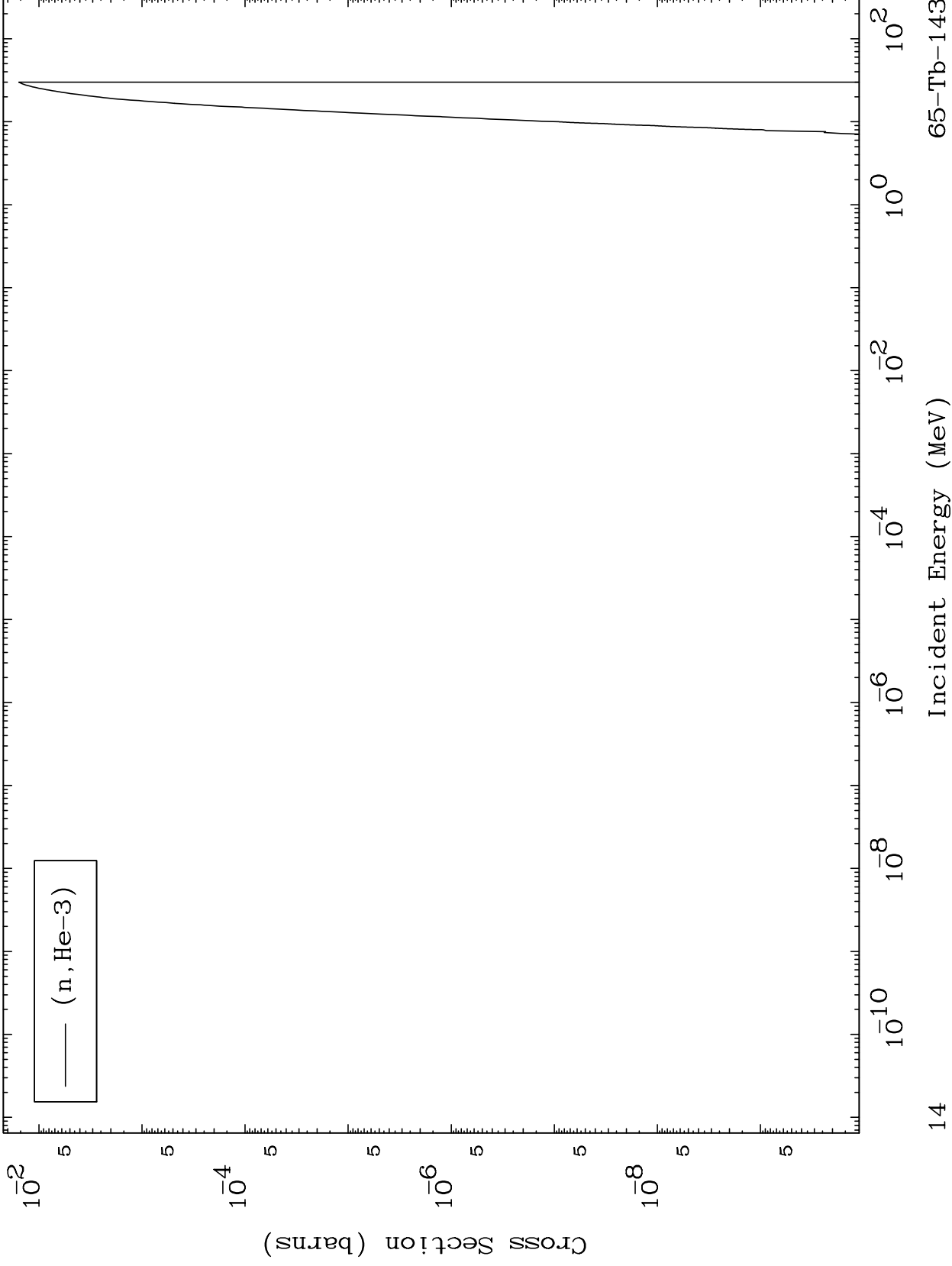
Incident Energy (MeV)

65-Tb-143

MAT 6477

(n,He3) Levels
293 Kelvin Cross Sections

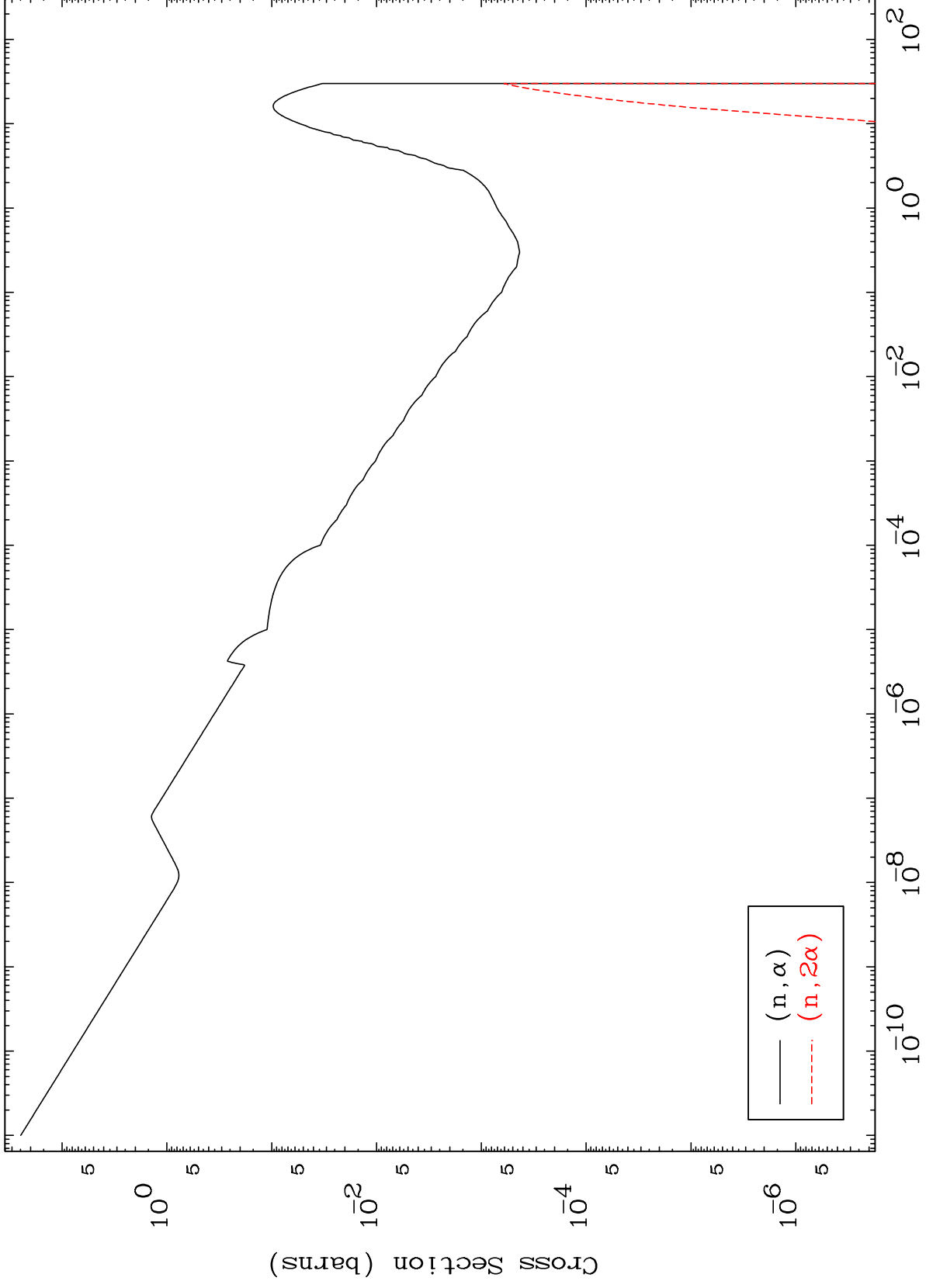
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MAT 6477

(n, α) Levels
293 Kelvin Cross Sections

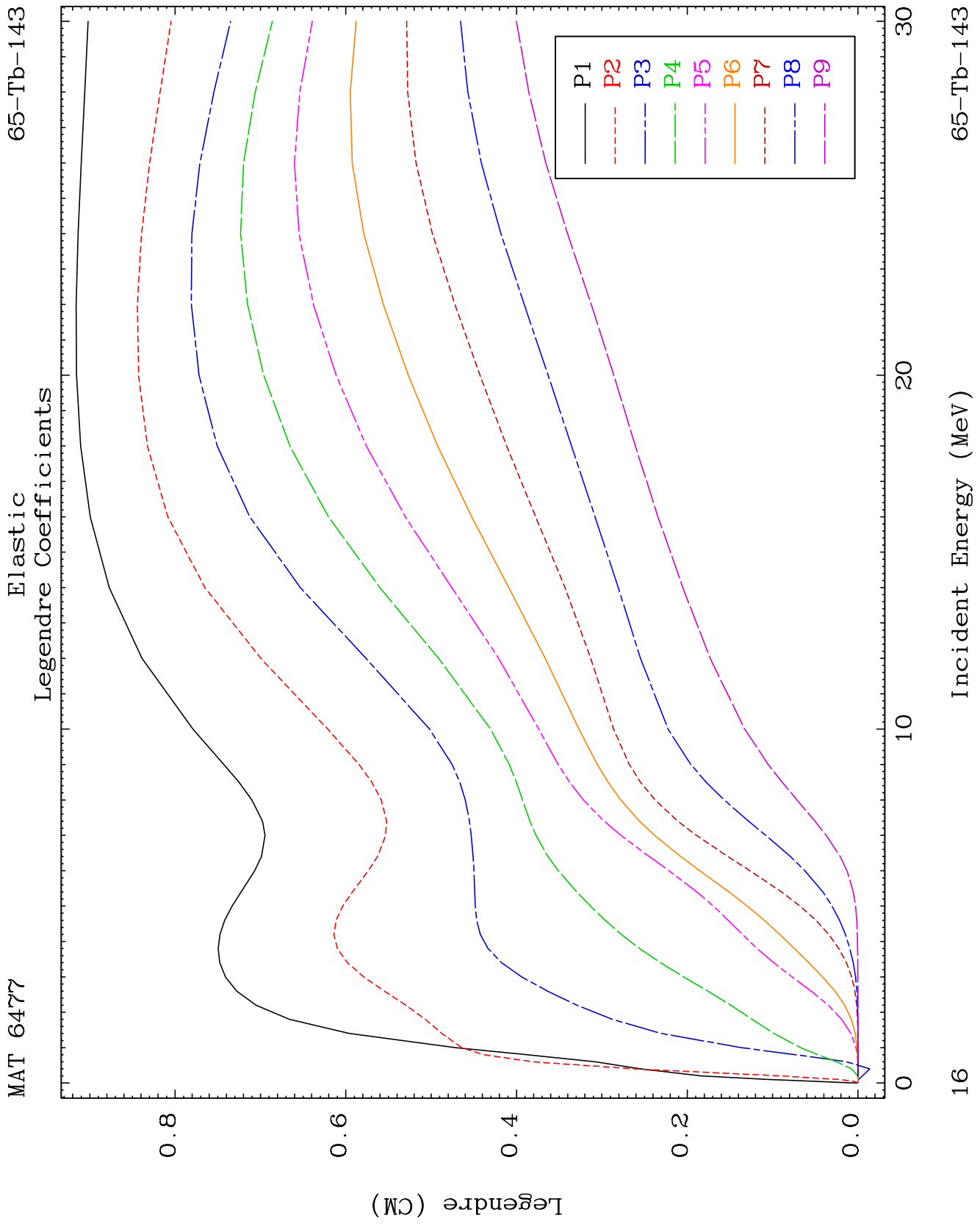
65-Tb-143



15

Incident Energy (MeV)

65-Tb-143



65-Tb-143

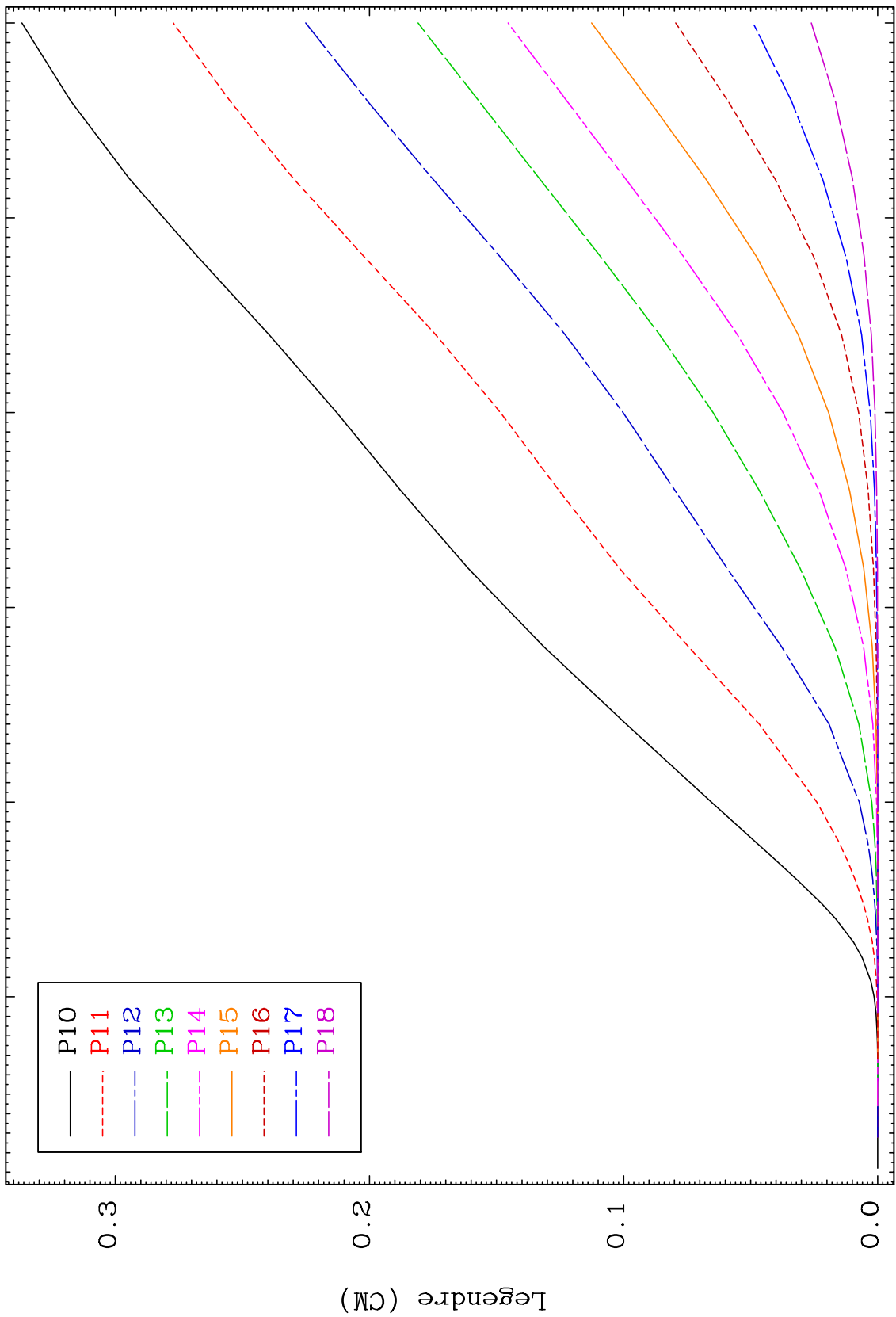
Incident Energy (MeV)

16

MAT 6477

Elastic Legendre Coefficients

65-Tb-143



17

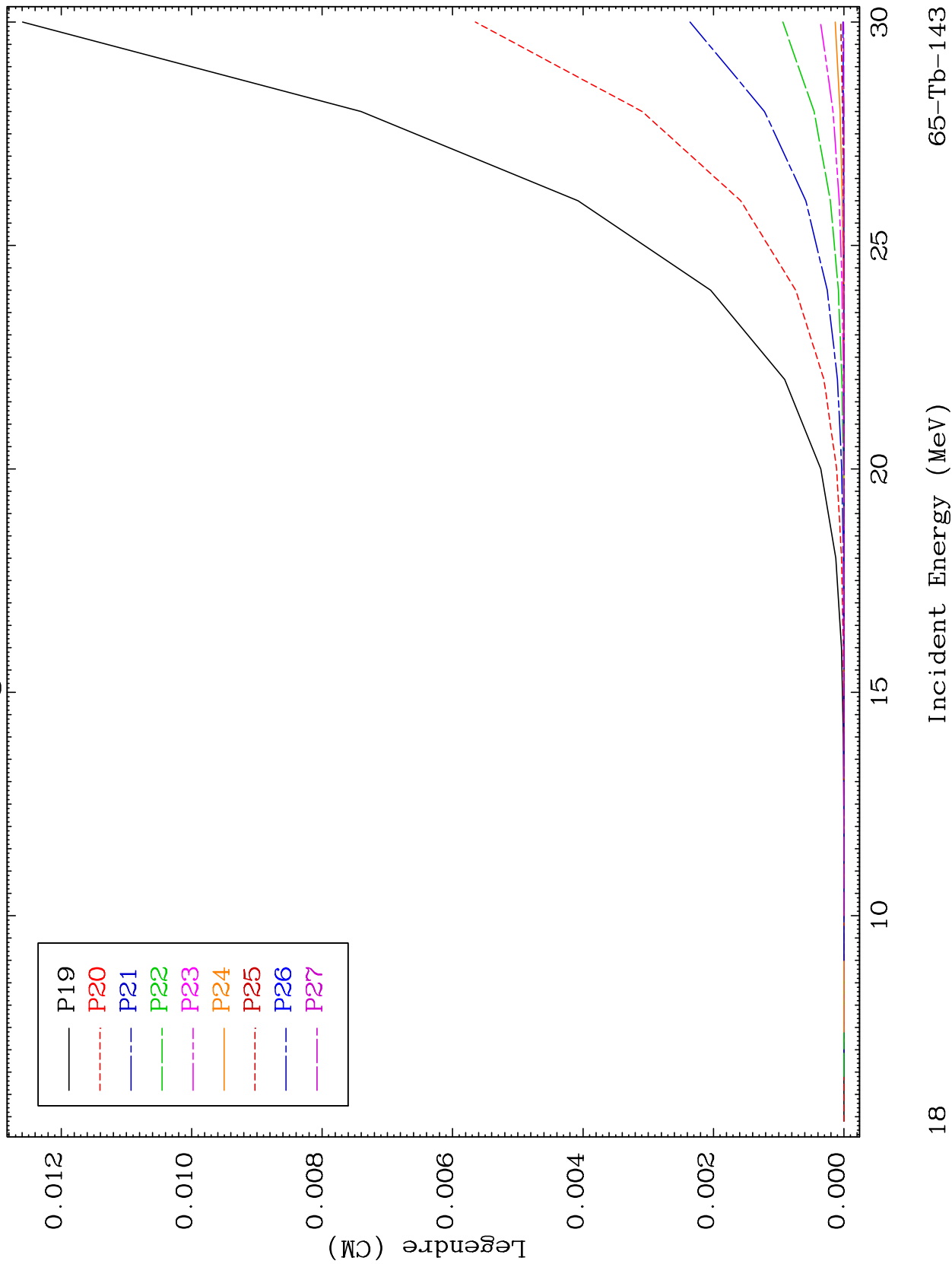
Incident Energy (MeV)

65-Tb-143

MAT 6477

Elastic Legendre Coefficients

65-Tb-143



18

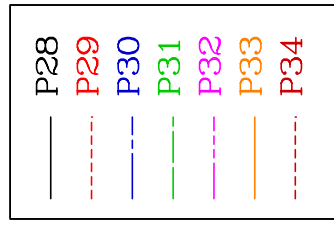
Incident Energy (MeV)

65-Tb-143

MAT 6477

Elastic
Legendre Coefficients

65-Tb-143



$\times 10^{-6}$
1.5

Legendre (CM)

1.0

0.5

0.0

15

20

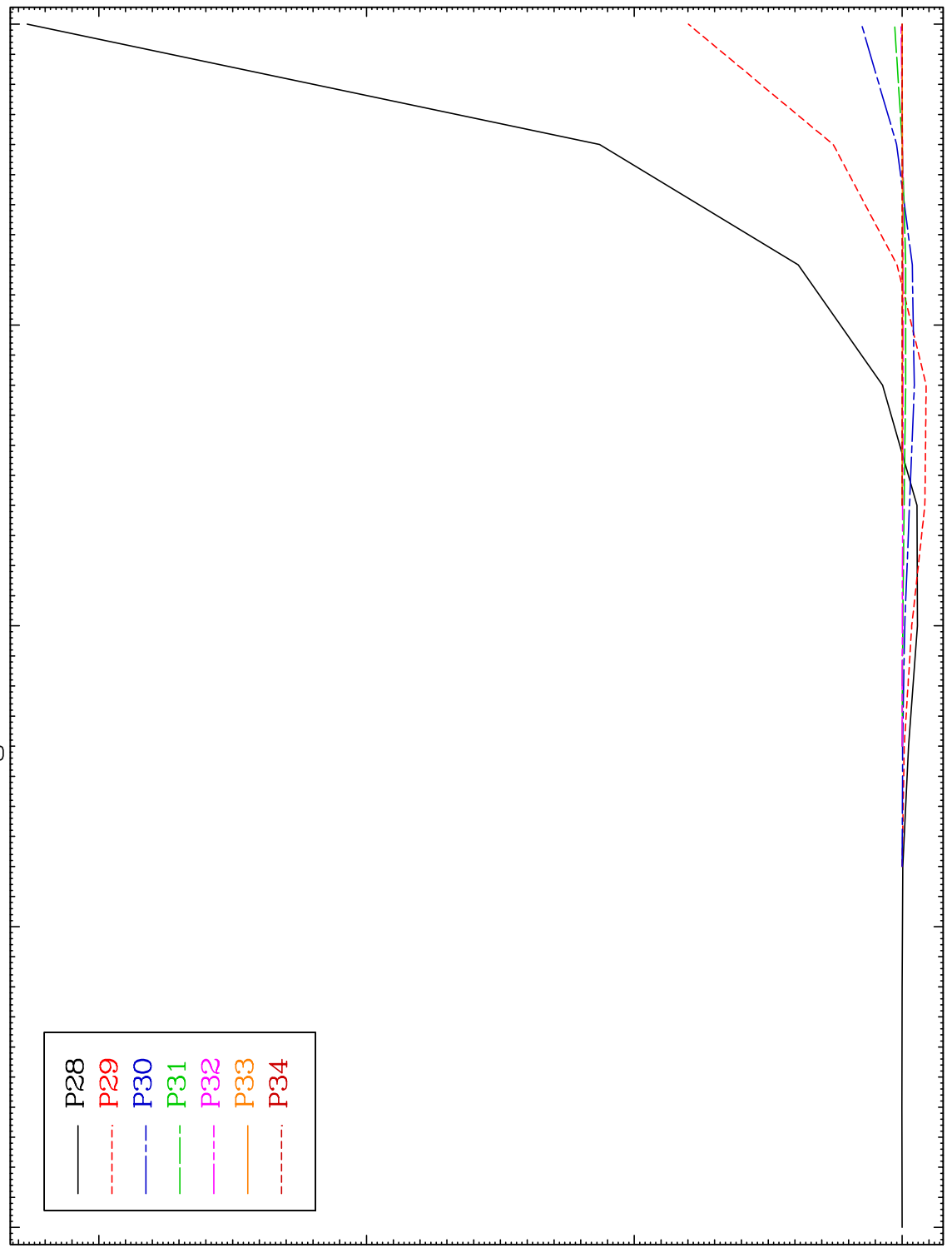
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30

19

Incident Energy (MeV)

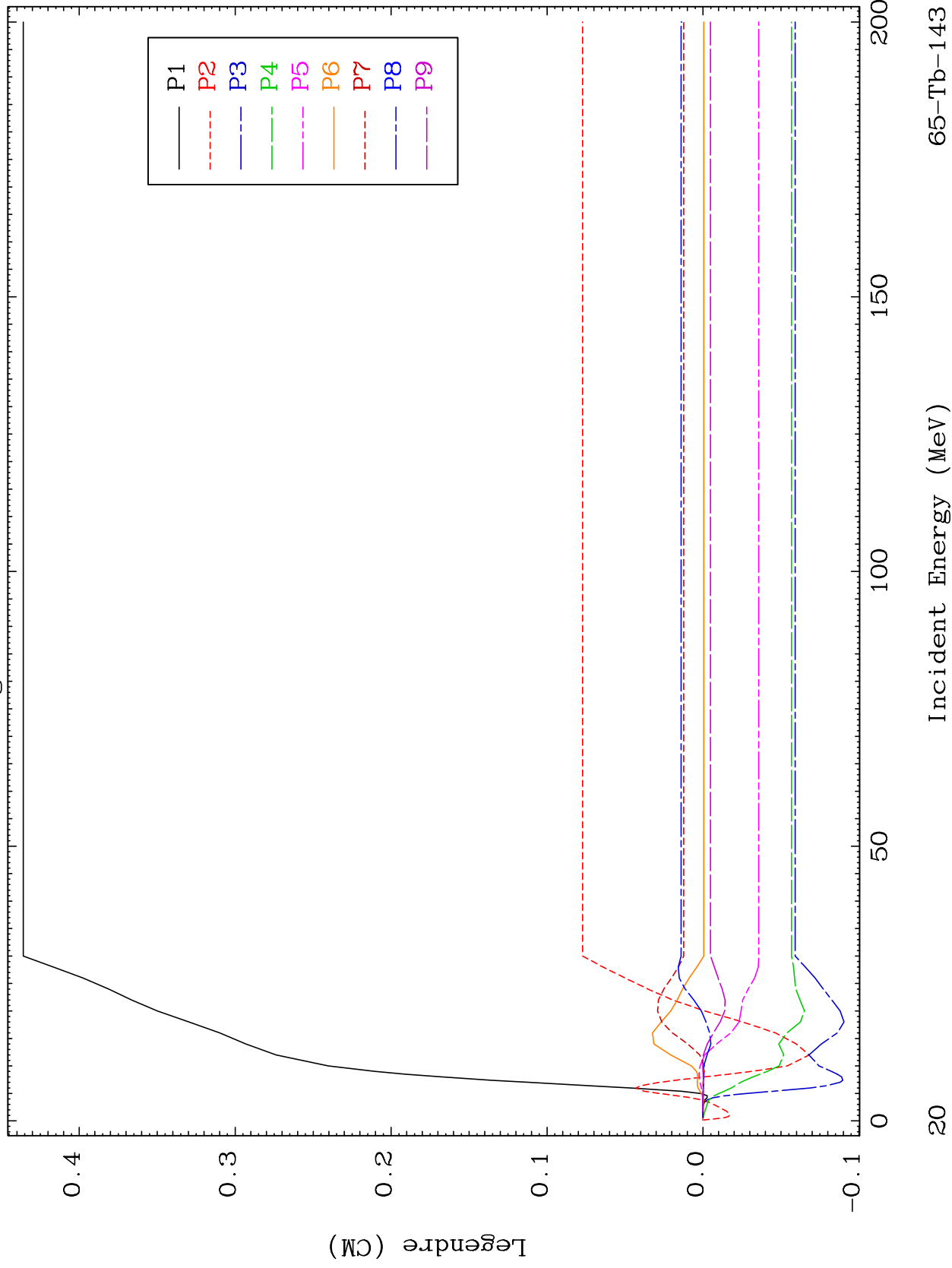
65-Tb-143



MAT 6477

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

65-Tb-143



65-Tb-143

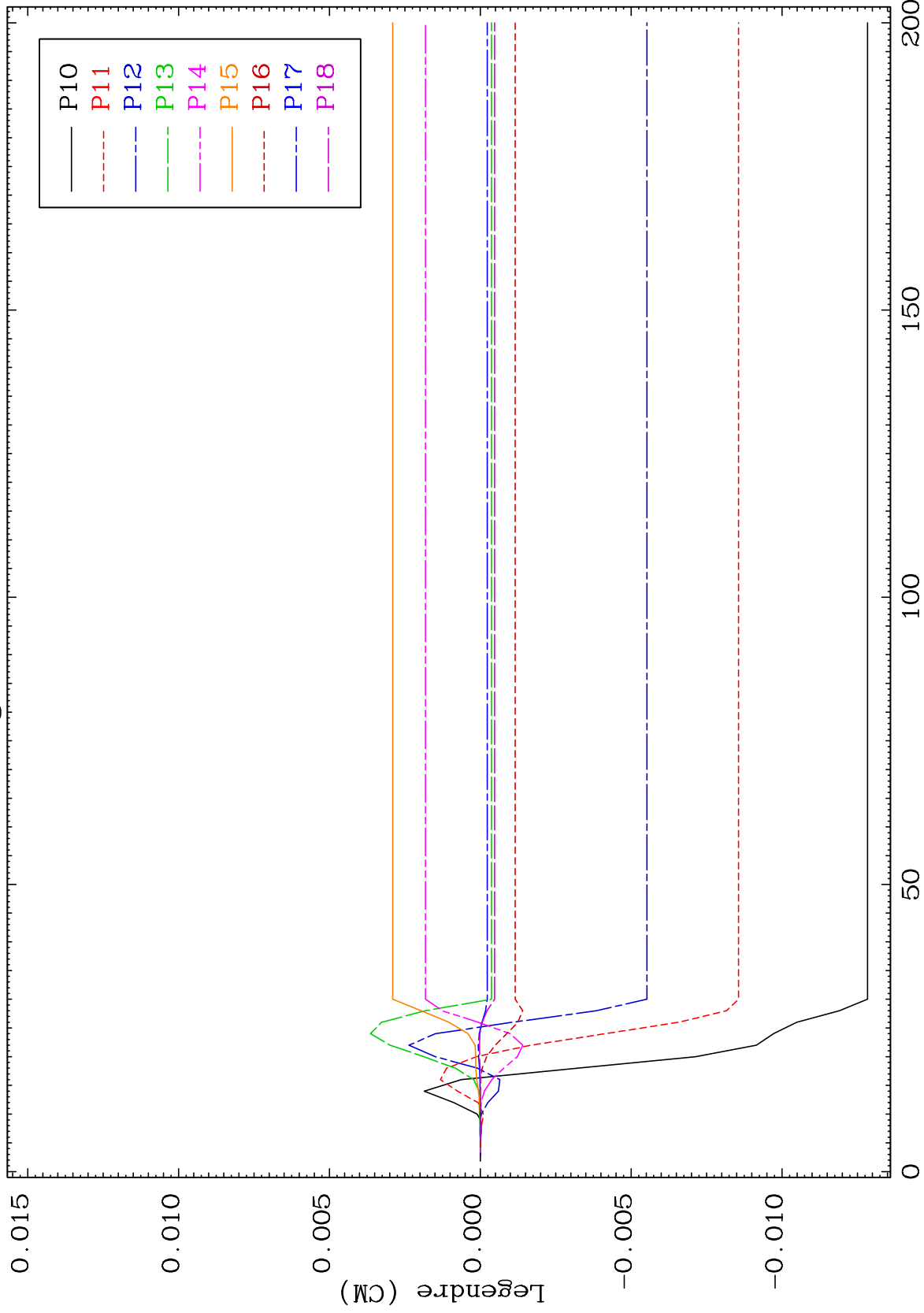
Incident Energy (MeV)

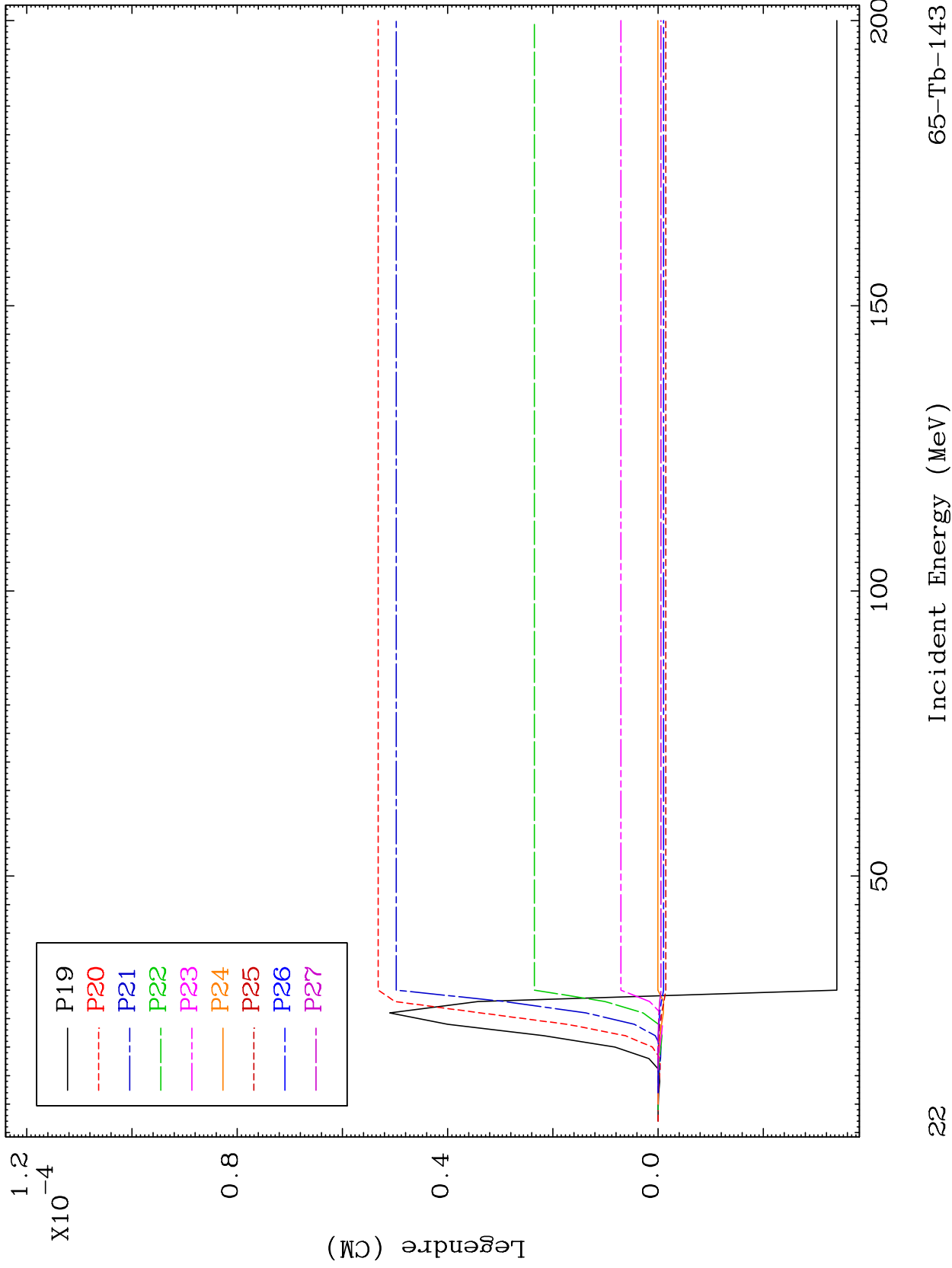
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MAT 6477

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

65-Tb-143

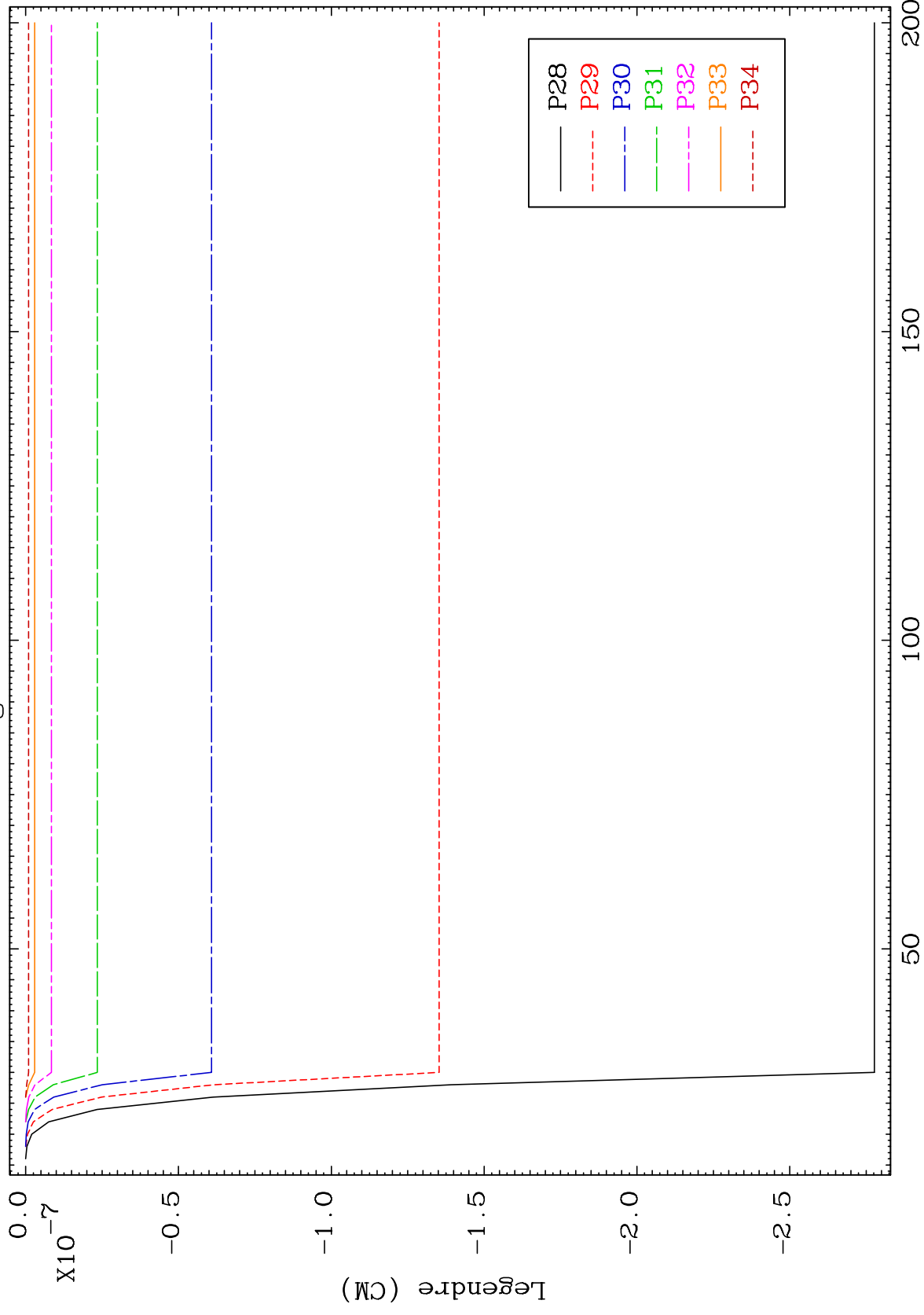




MAT 6477

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

65-Tb-143



23

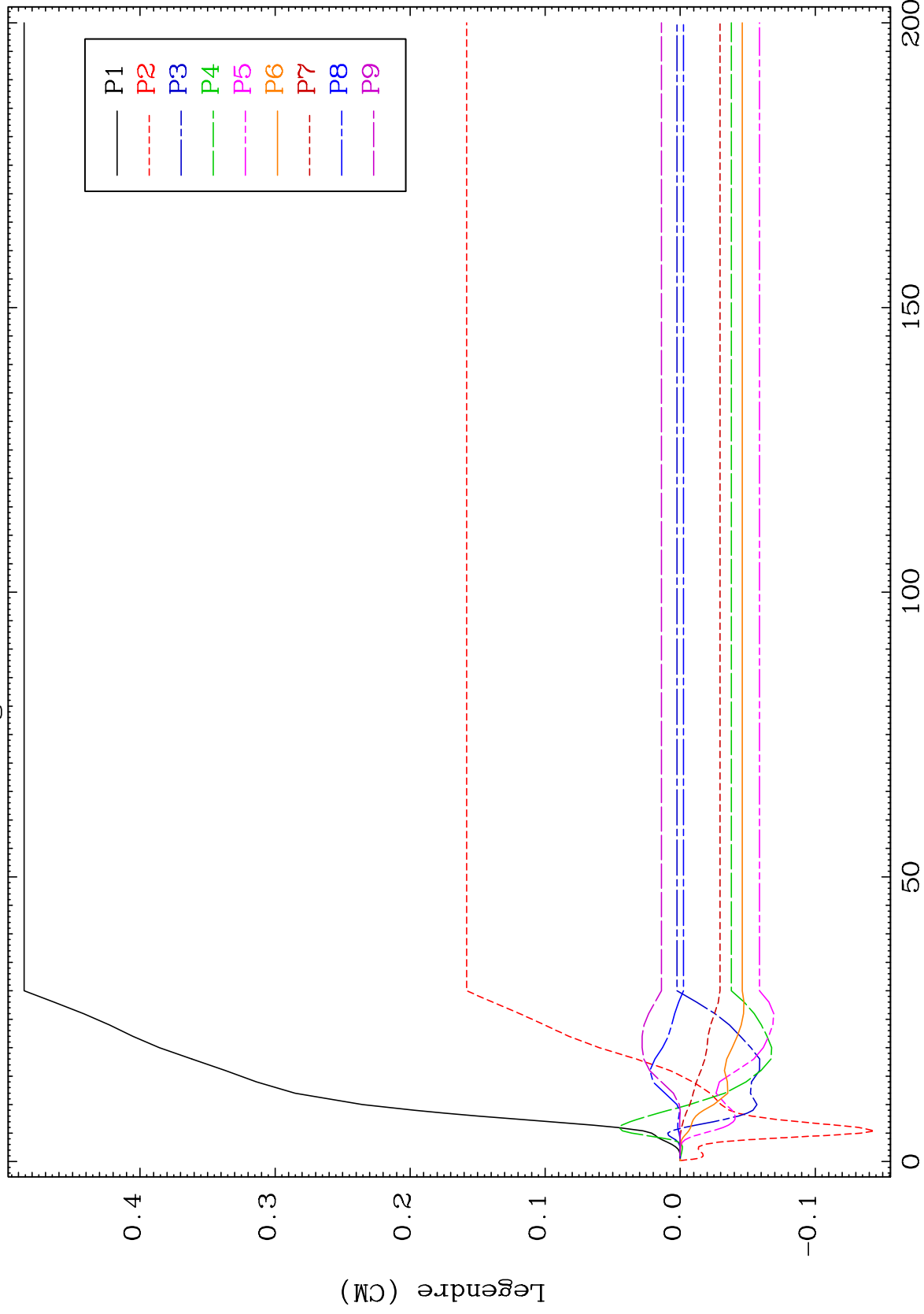
Incident Energy (MeV)

65-Tb-143

MAT 6477

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

65-Tb-143



24

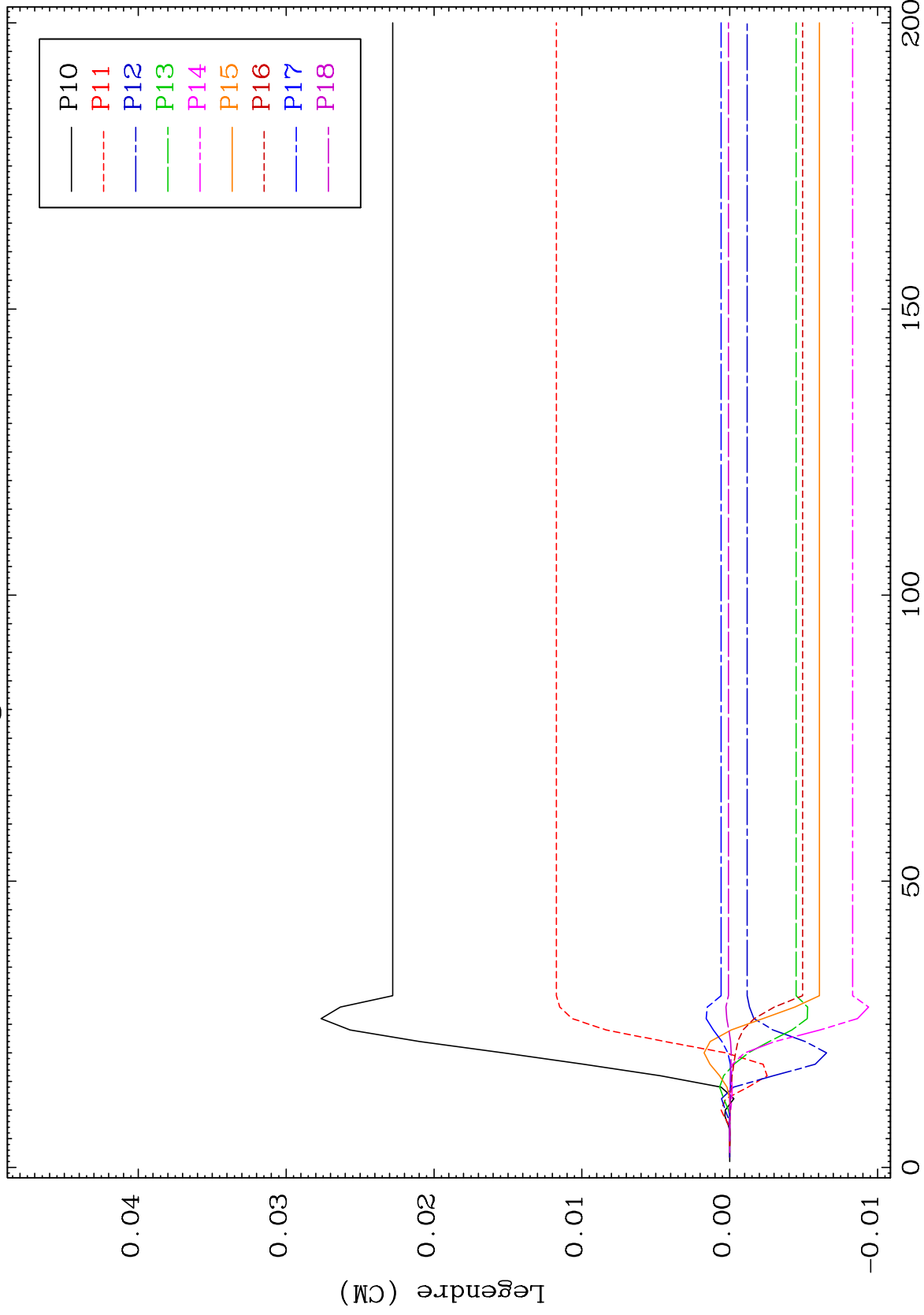
Incident Energy (MeV)

65-Tb-143

MAT 6477

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

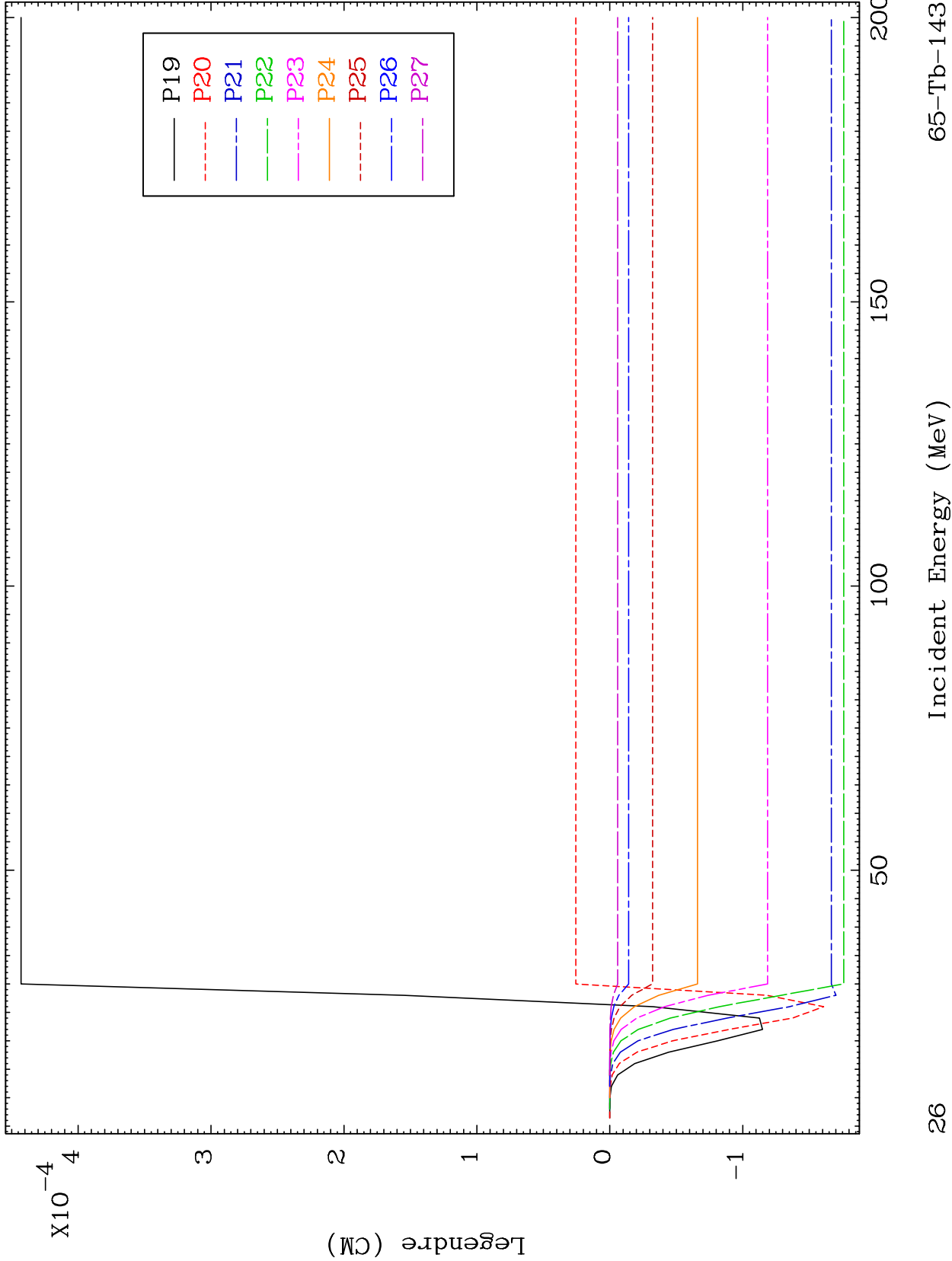
65-Tb-143



25

Incident Energy (MeV)

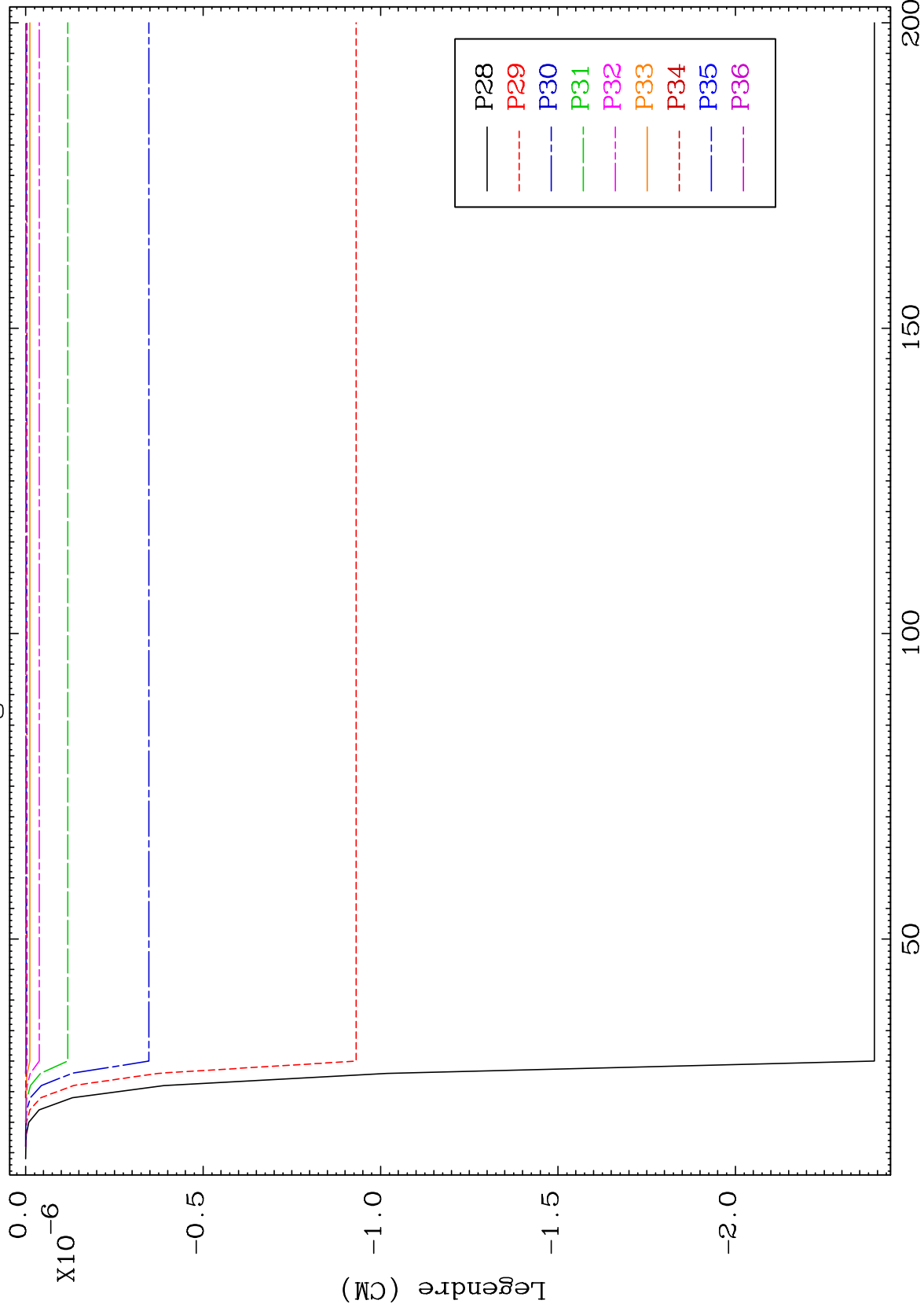
65-Tb-143



MAT 6477

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

65-Tb-143



27

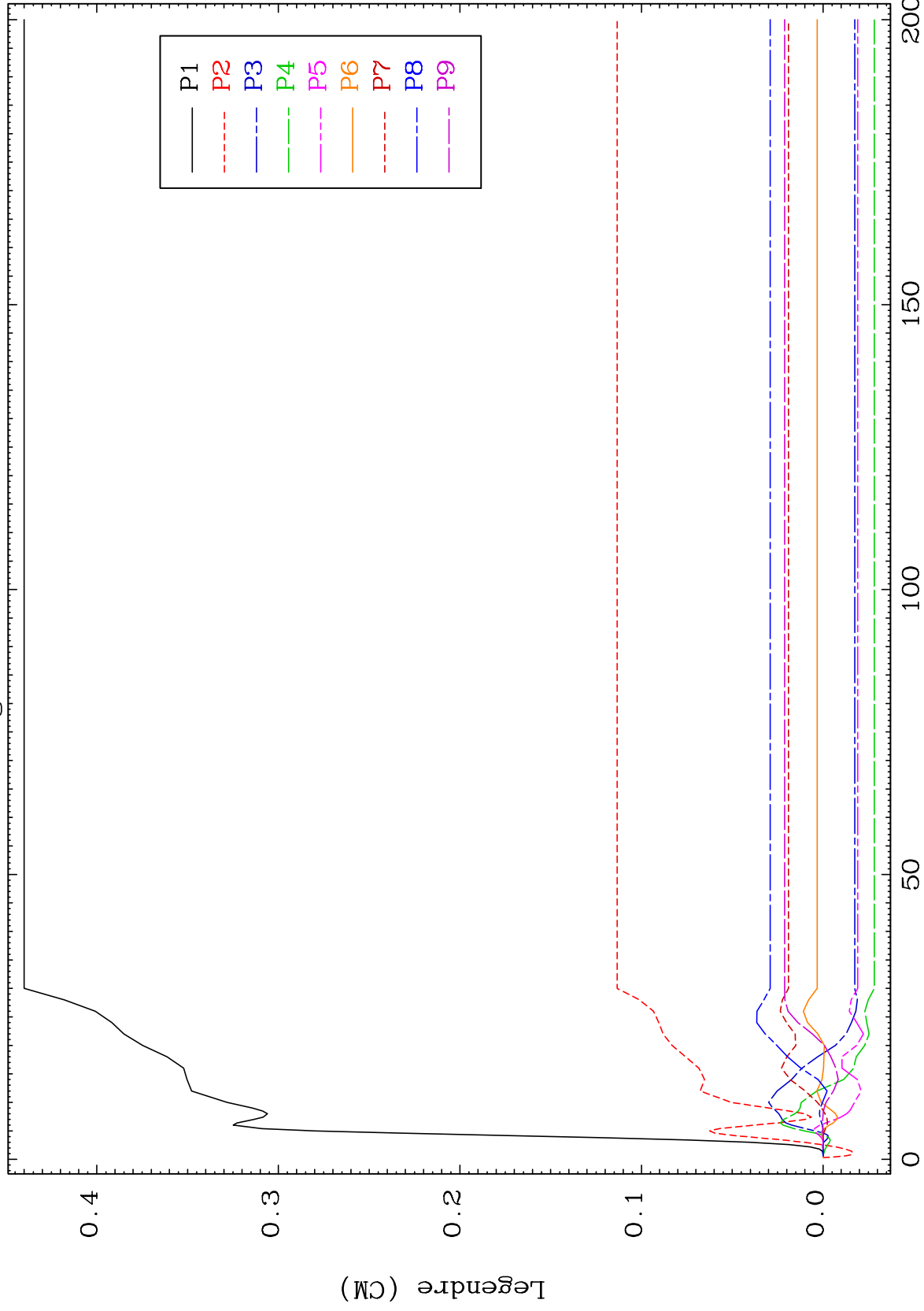
Incident Energy (MeV)

65-Tb-143

MAT 6477

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

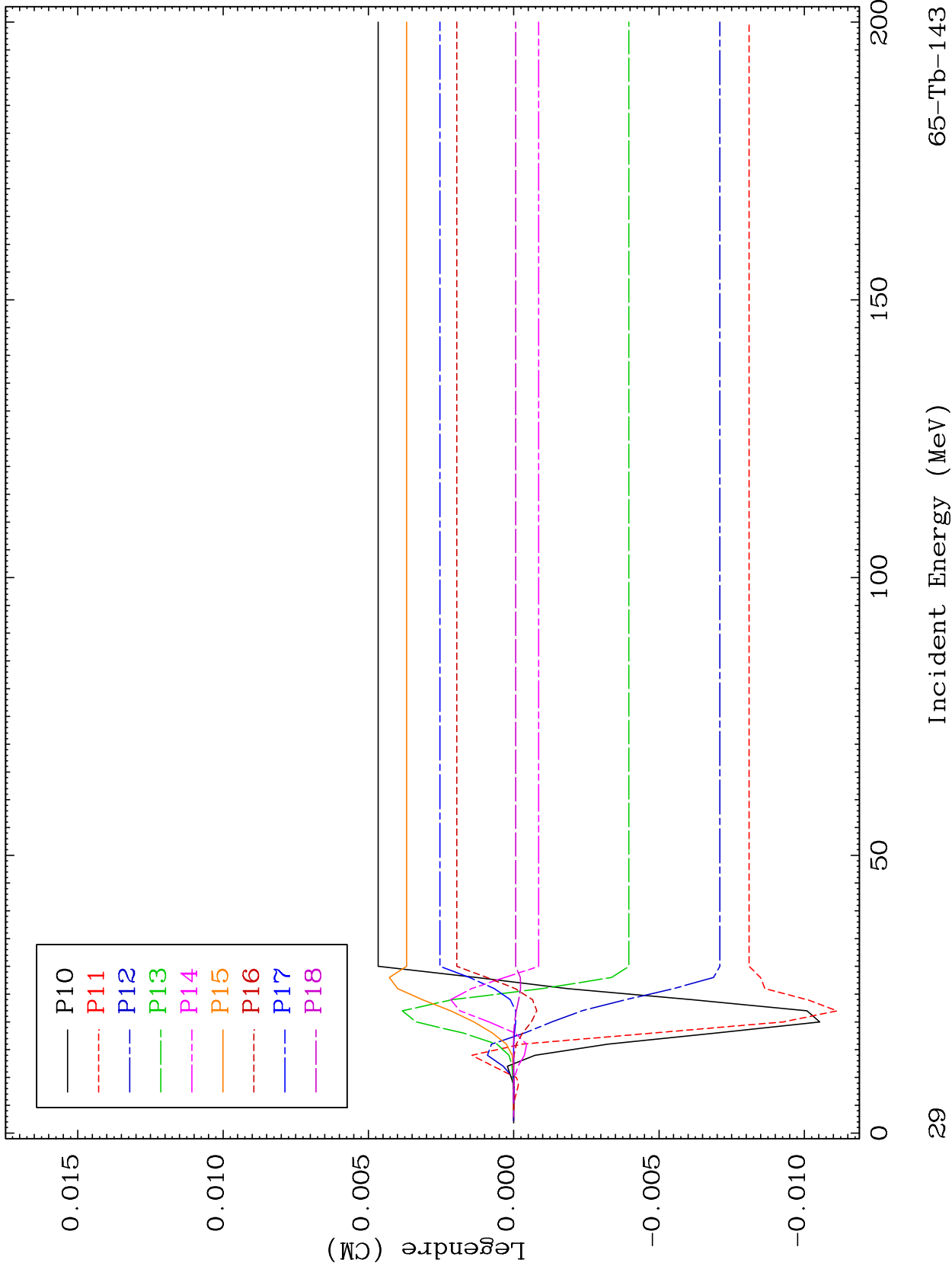
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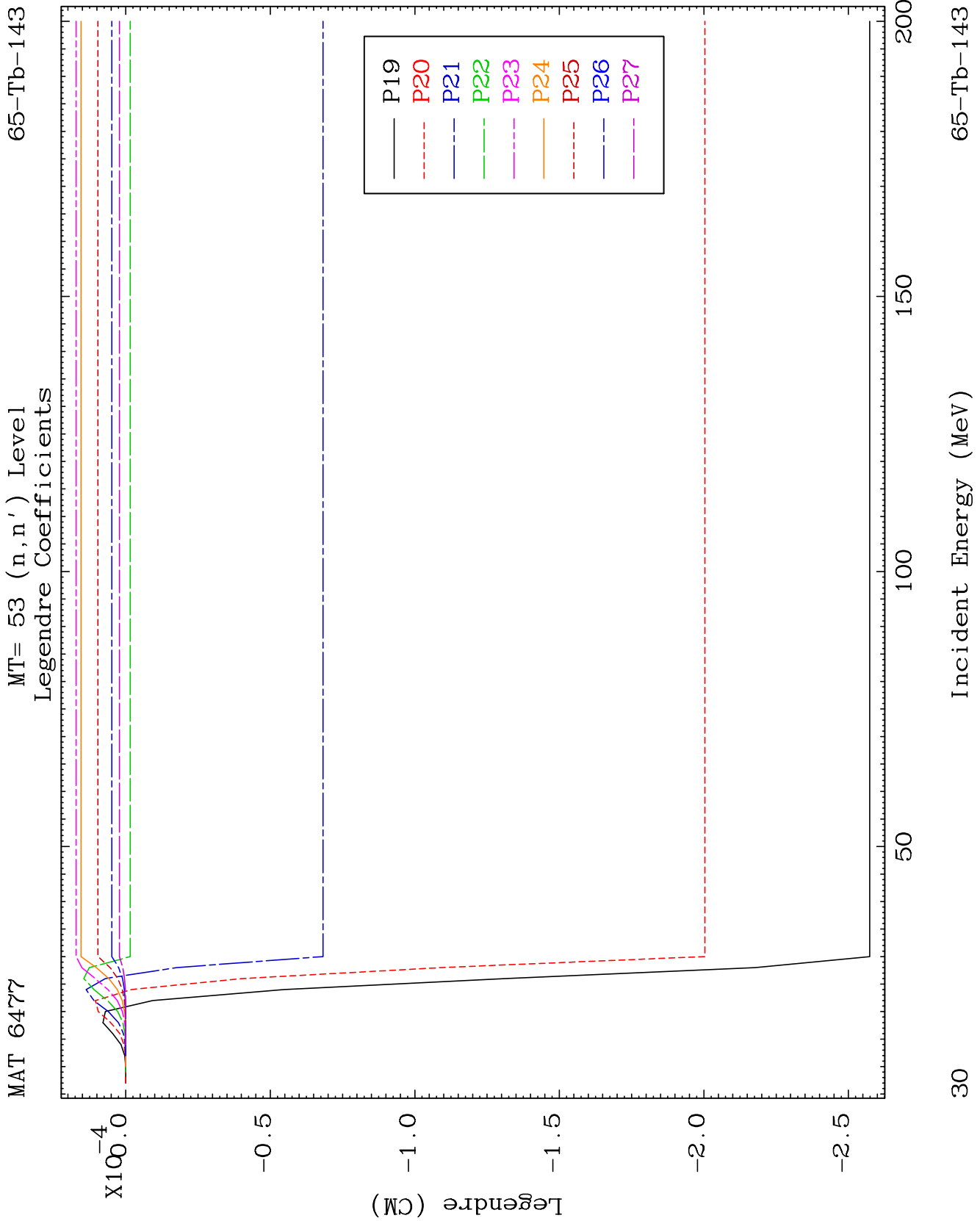


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Incident Energy (MeV)

65-Tb-143

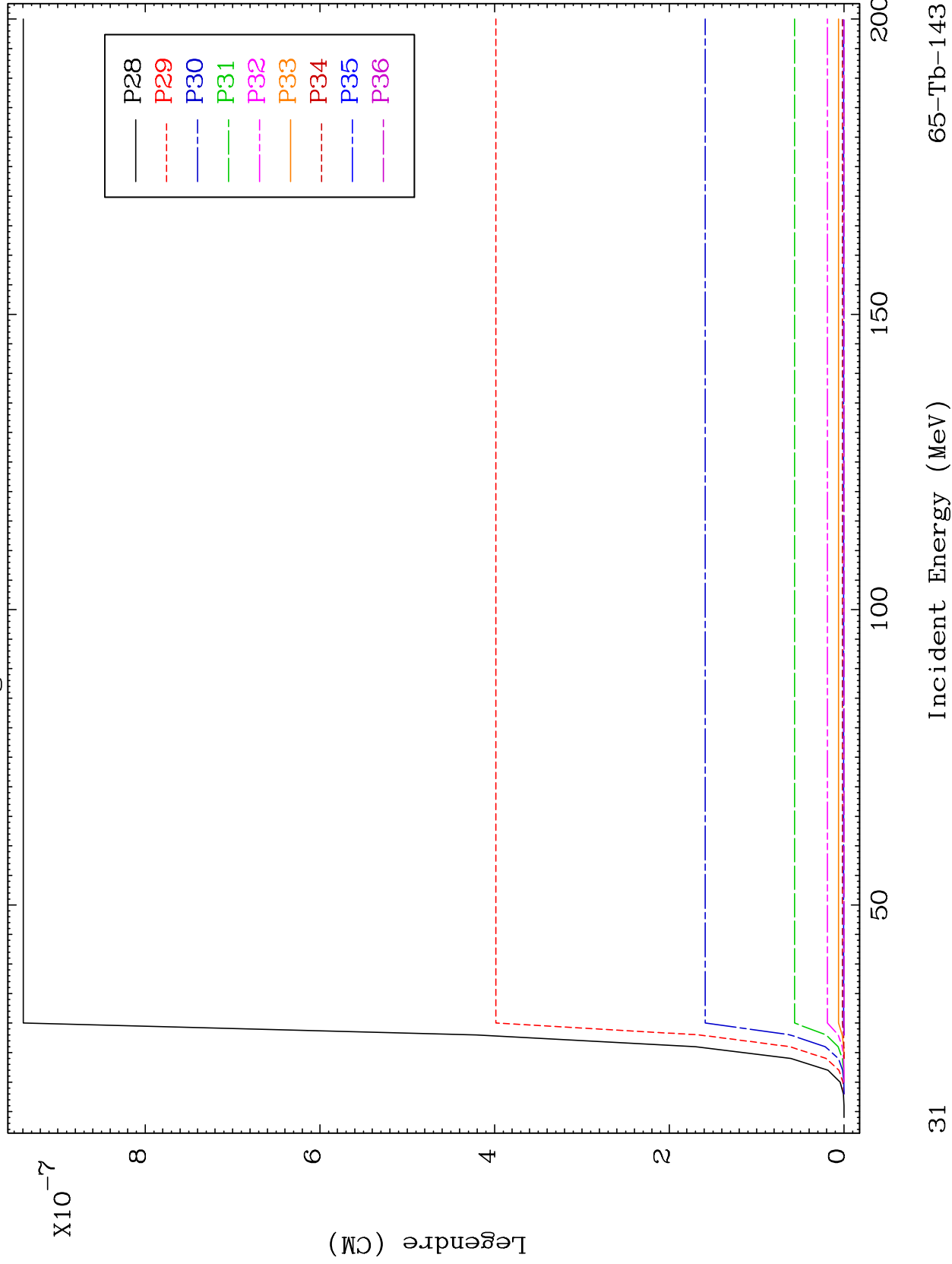




MAT 6477

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

65-Tb-143



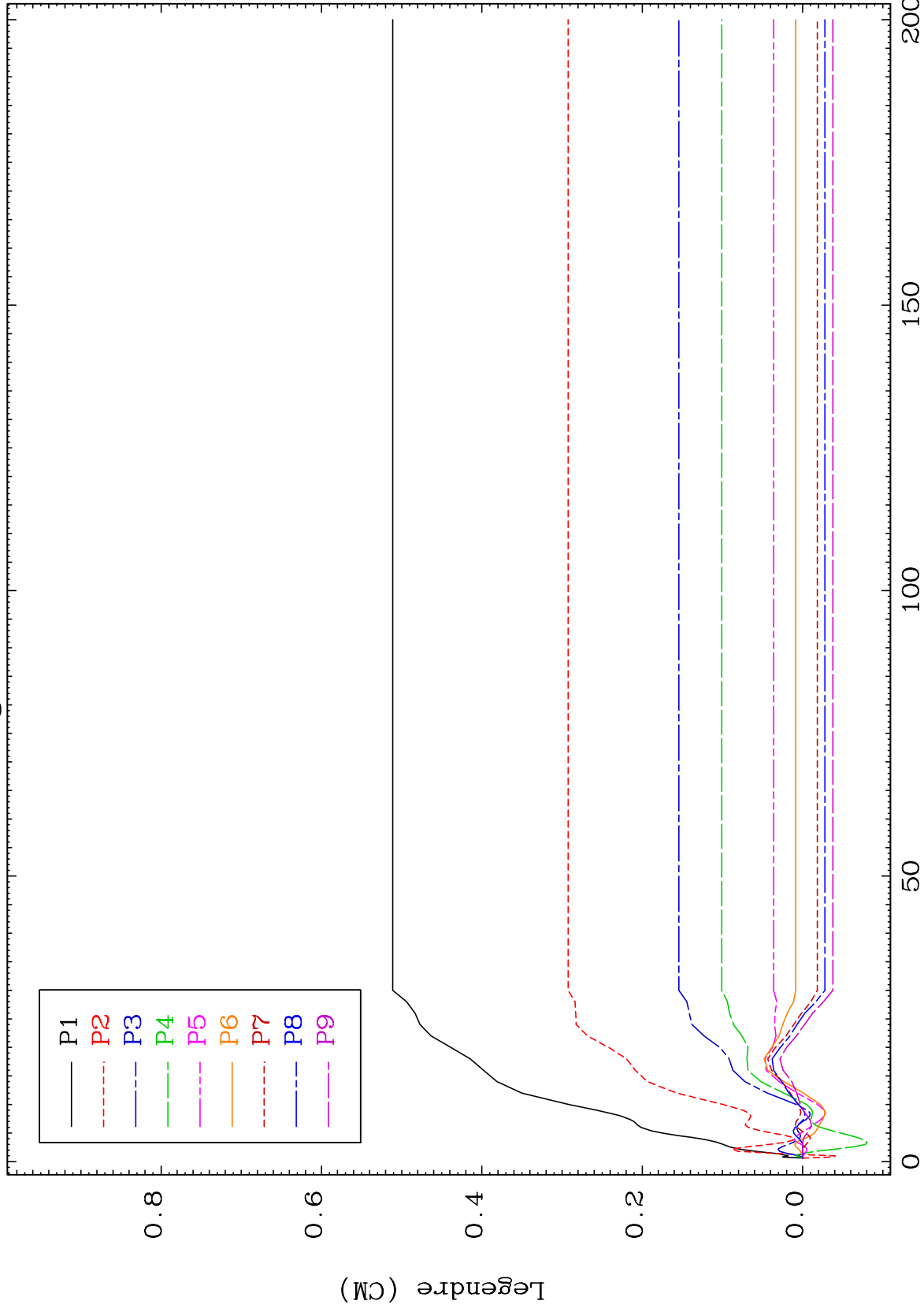
31

65-Tb-143

MAT 6477

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

65-Tb-143



32

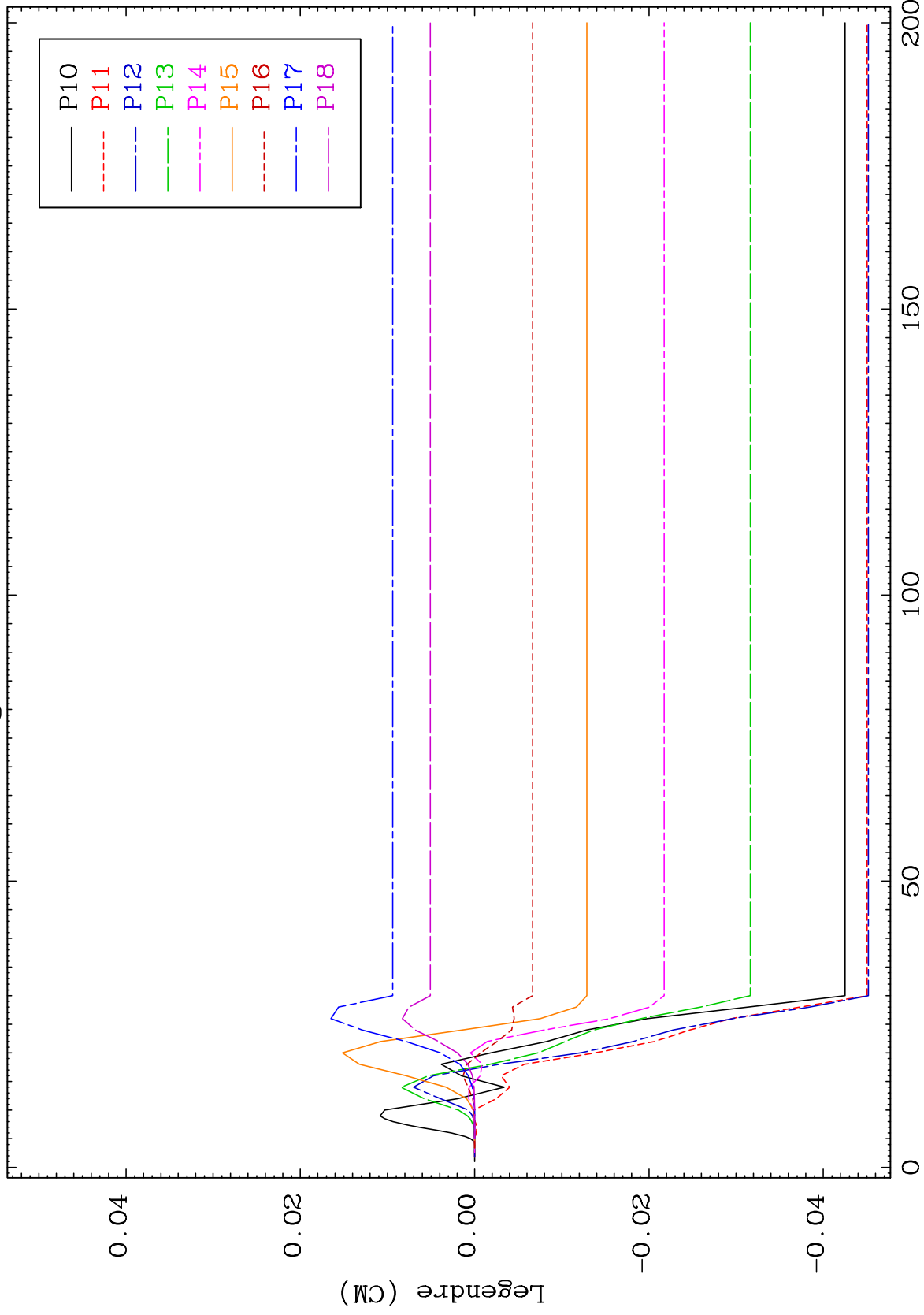
Incident Energy (MeV)

65-Tb-143

MAT 6477

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

65-Tb-143



33

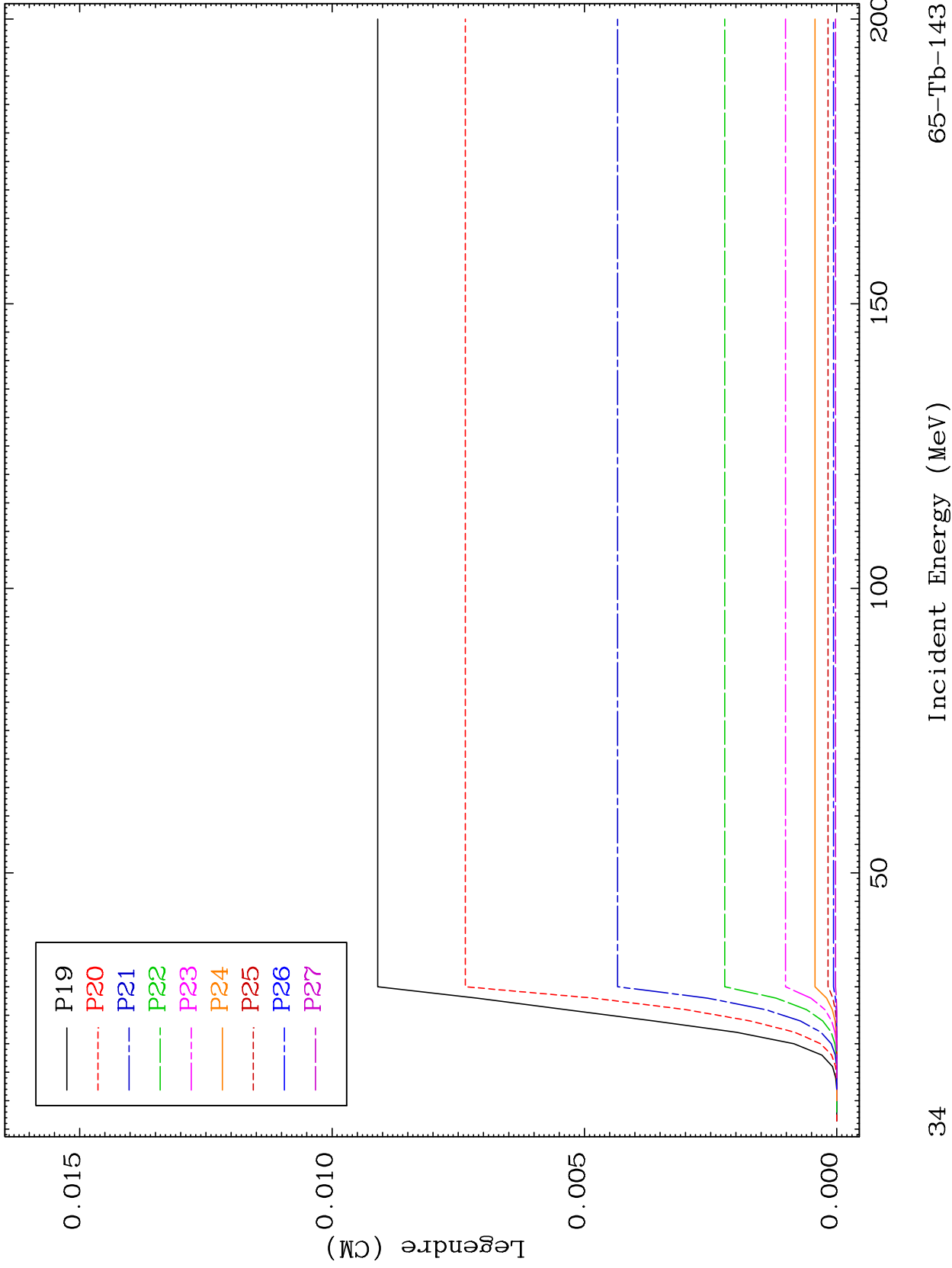
Incident Energy (MeV)

65-Tb-143

MAT 6477

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

65-Tb-143



34

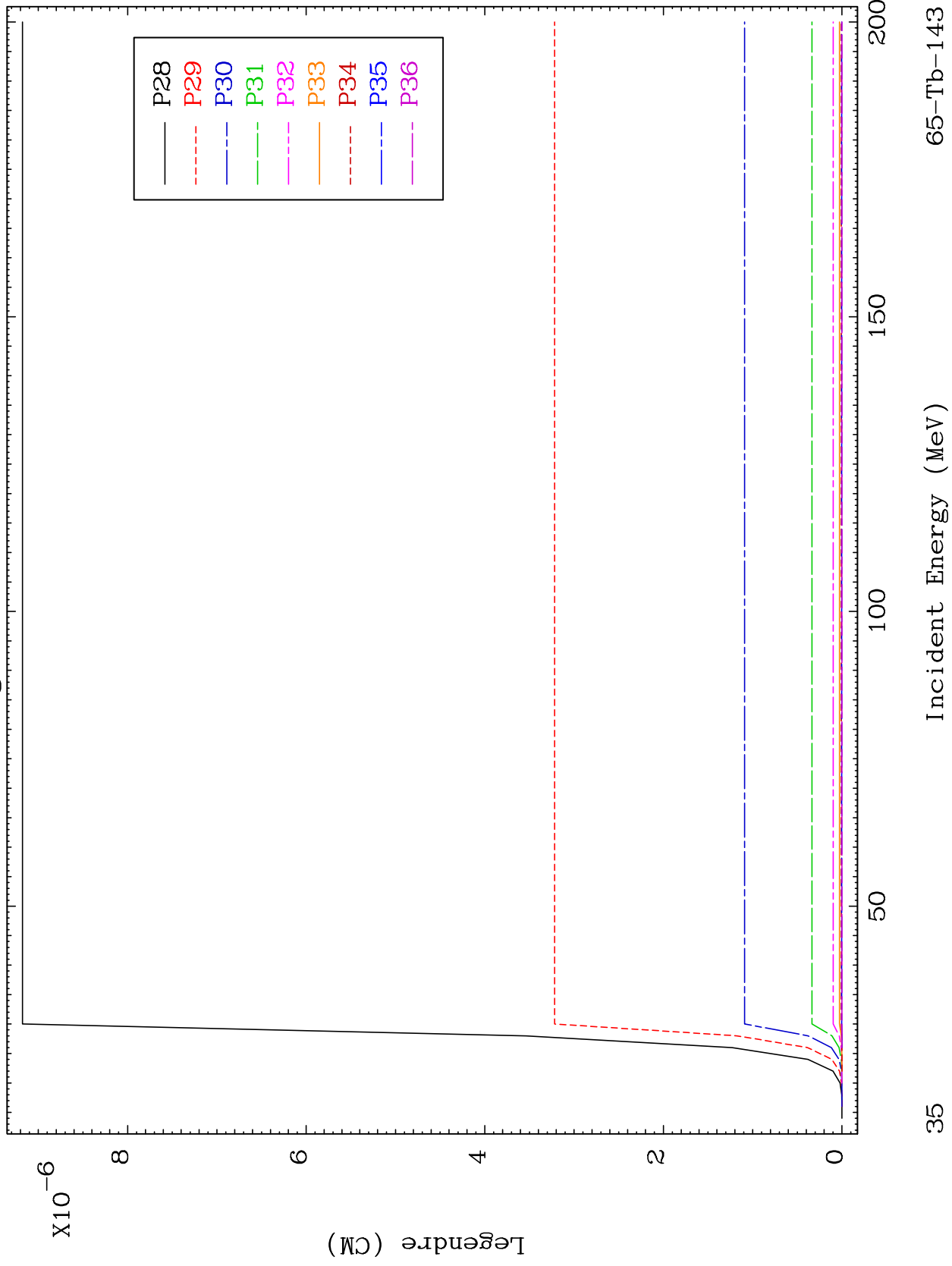
Incident Energy (MeV)

65-Tb-143

MAT 6477

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

65-Tb-143



35

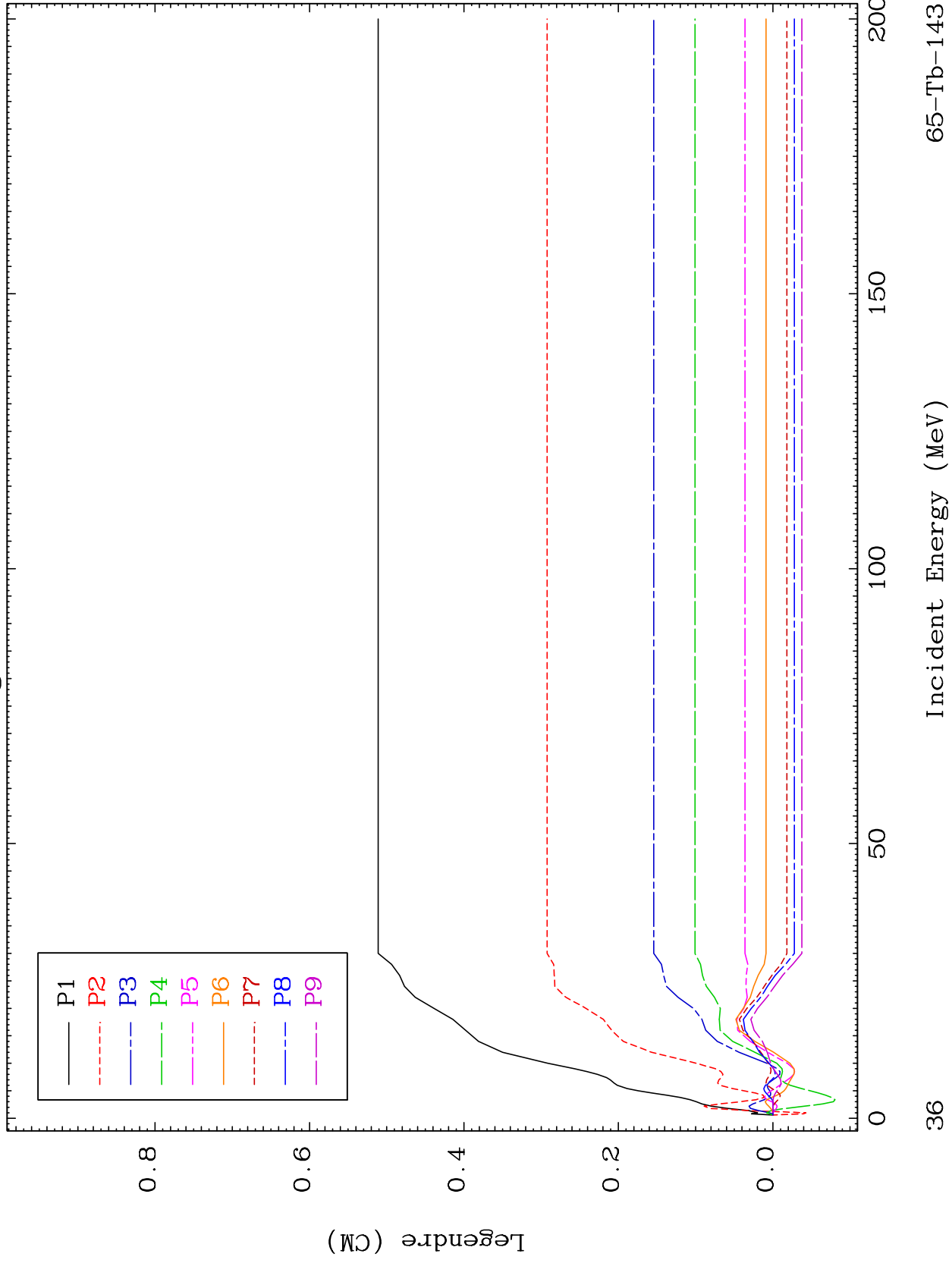
Incident Energy (MeV)

65-Tb-143

MAT 6477

MT= 55 (n,n') Level
Legendre Coefficients

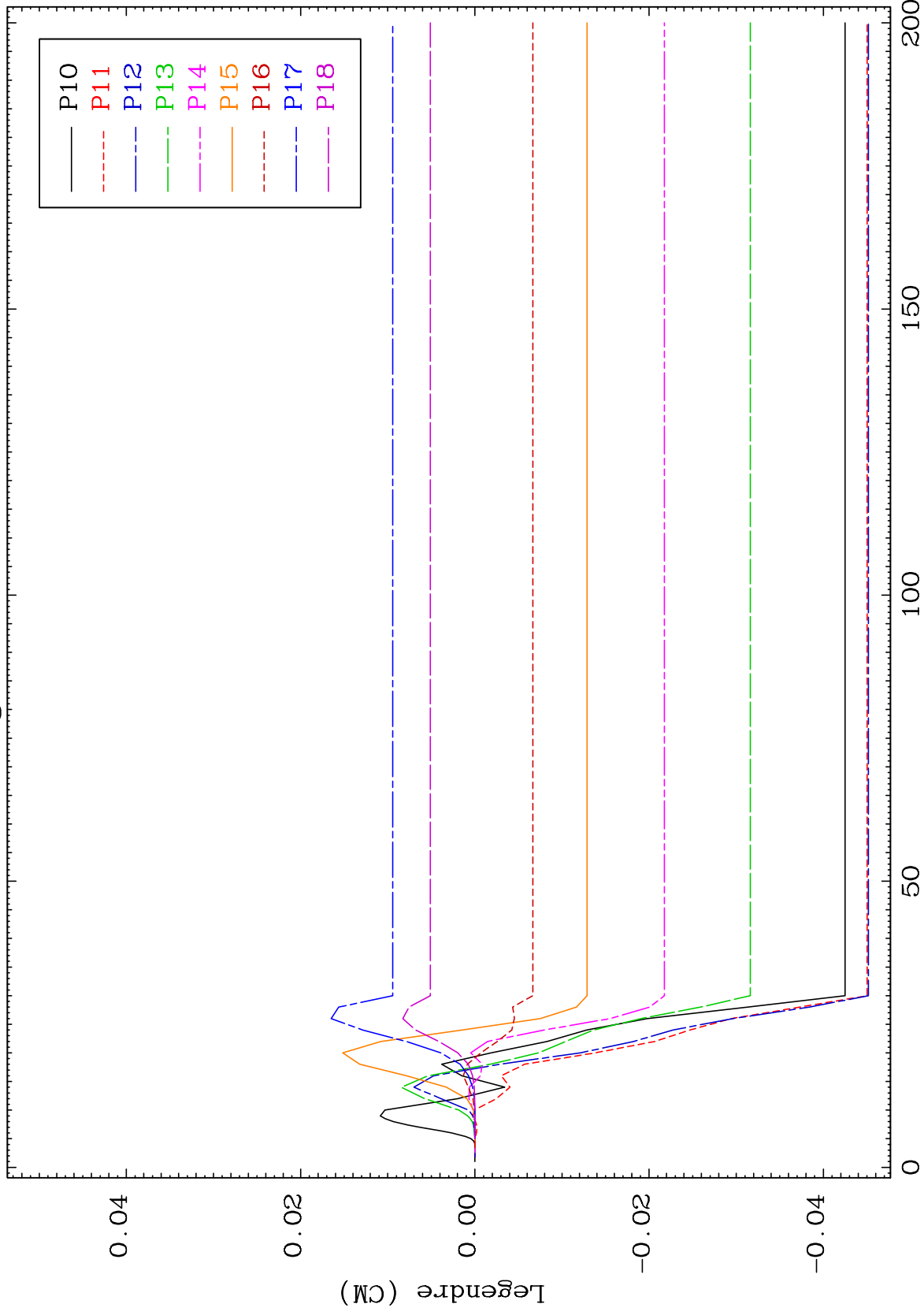
65-Tb-143



MAT 6477

MT= 55 (n,n') Level
Legendre Coefficients

65-Tb-143



37

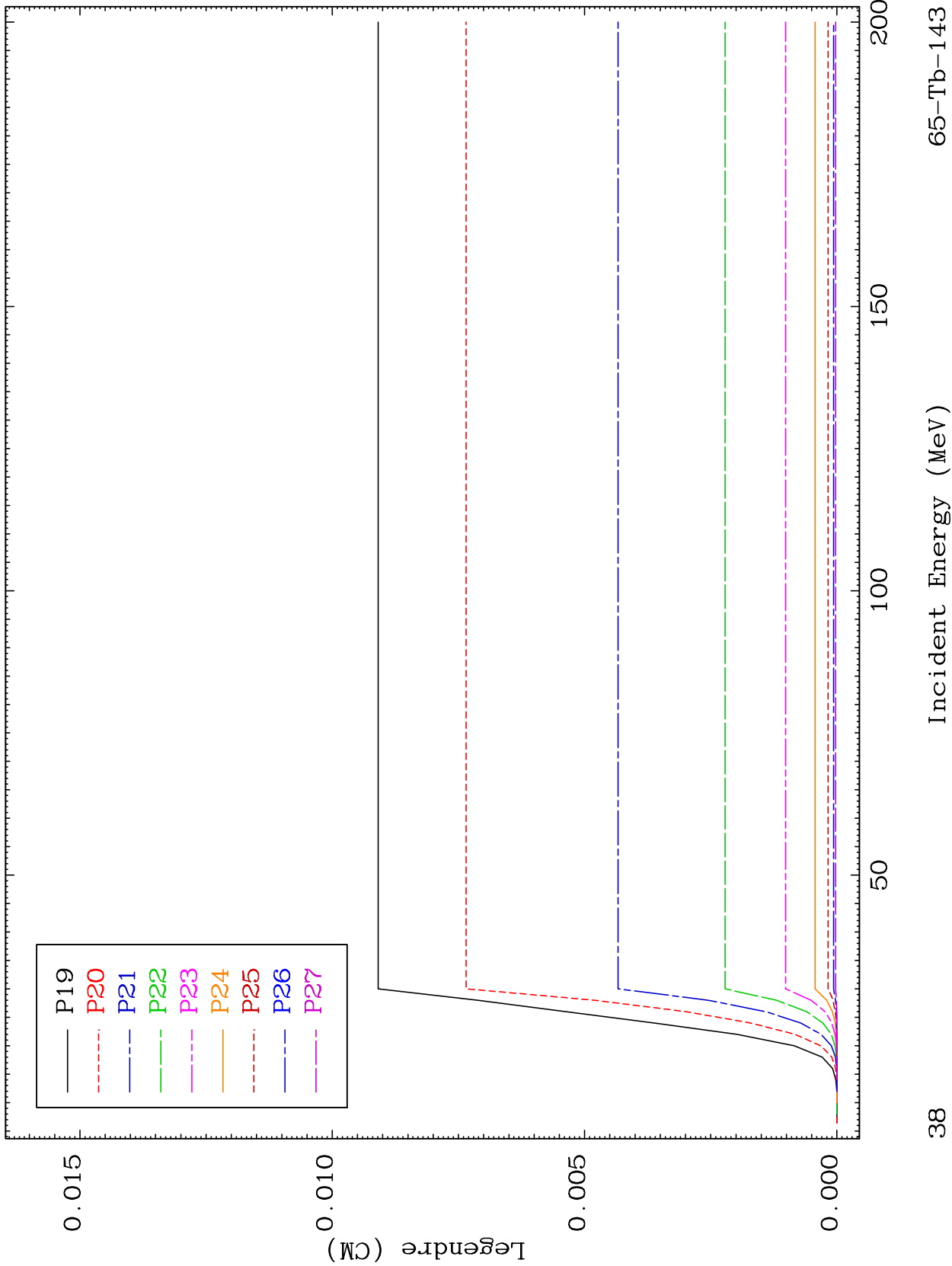
Incident Energy (MeV)

65-Tb-143

MAT 6477

MT= 55 (n,n') Level
Legendre Coefficients

65-Tb-143



38

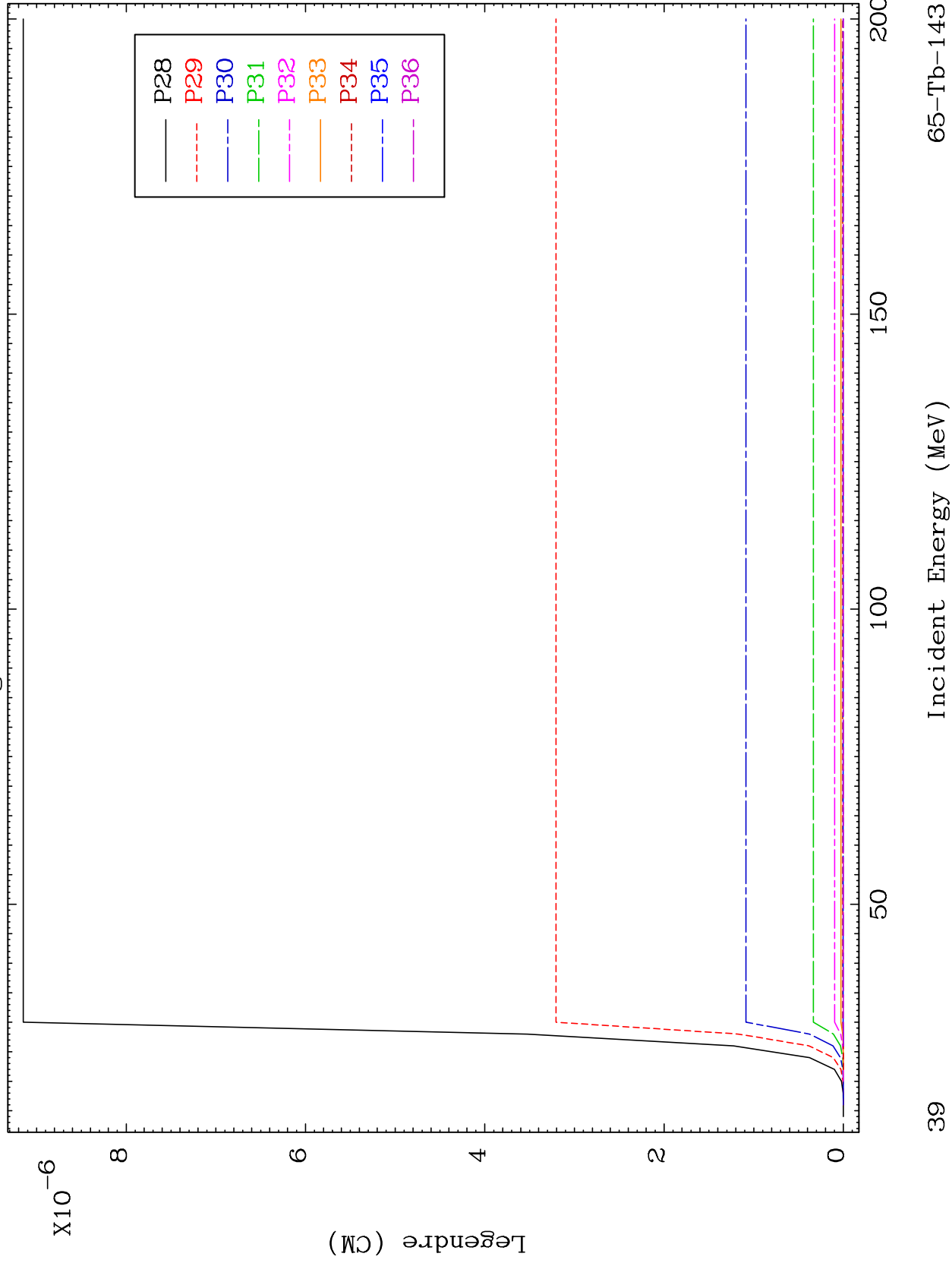
Incident Energy (MeV)

65-Tb-143

MAT 6477

MT= 55 (n,n') Level
Legendre Coefficients

65-Tb-143



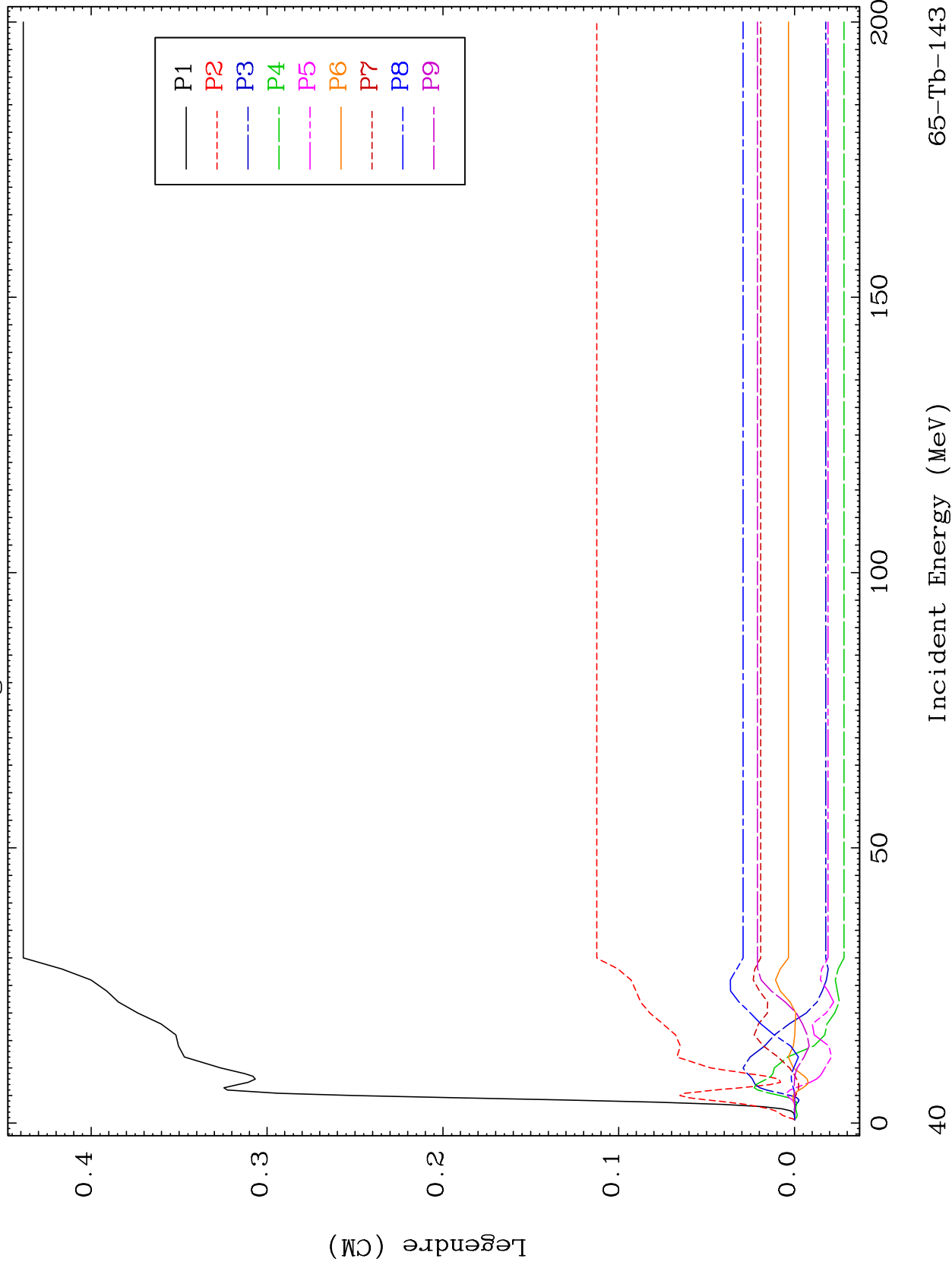
39

200

MAT 6477

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

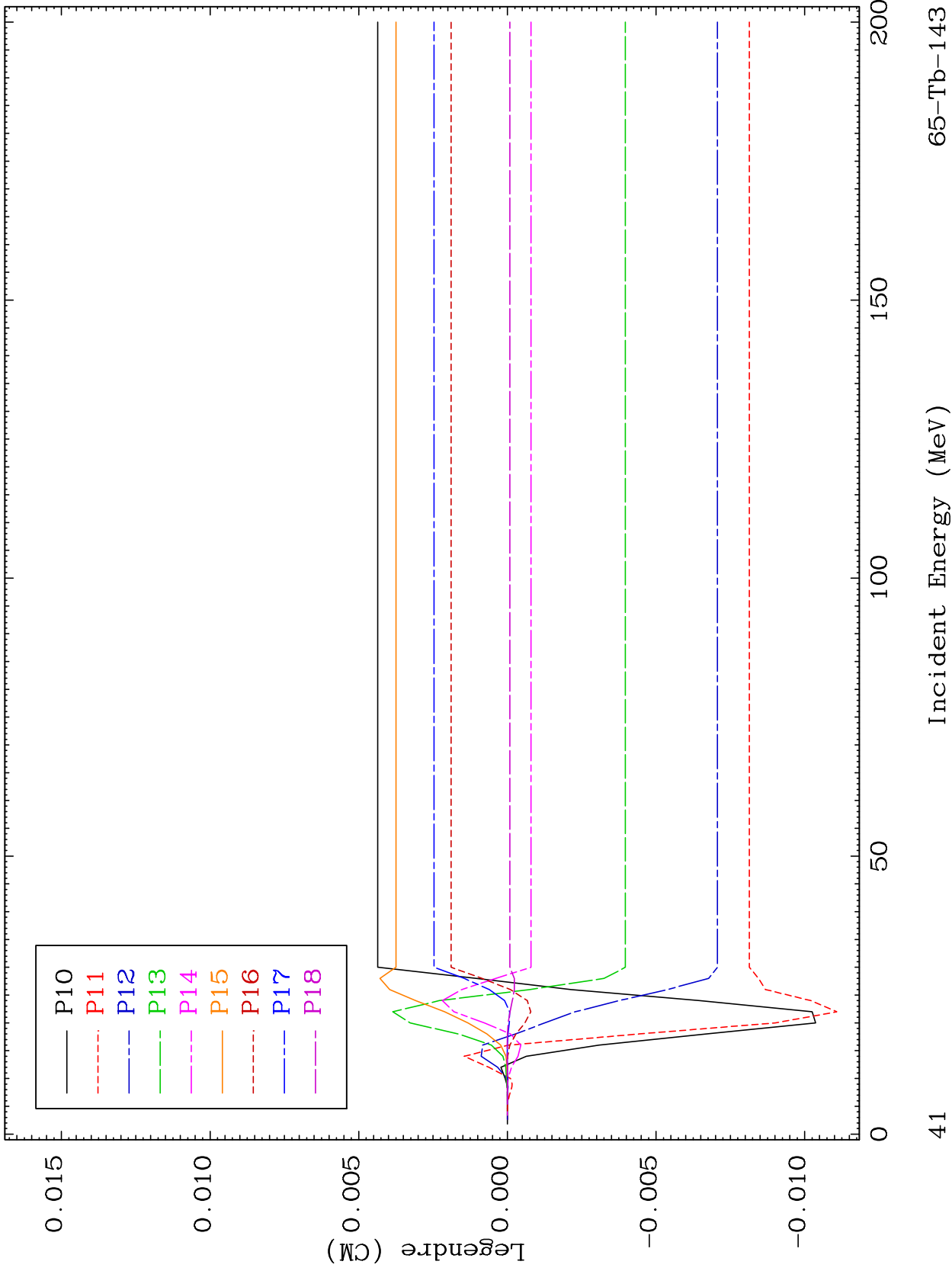
65-Tb-143



65-Tb-143

Incident Energy (MeV)

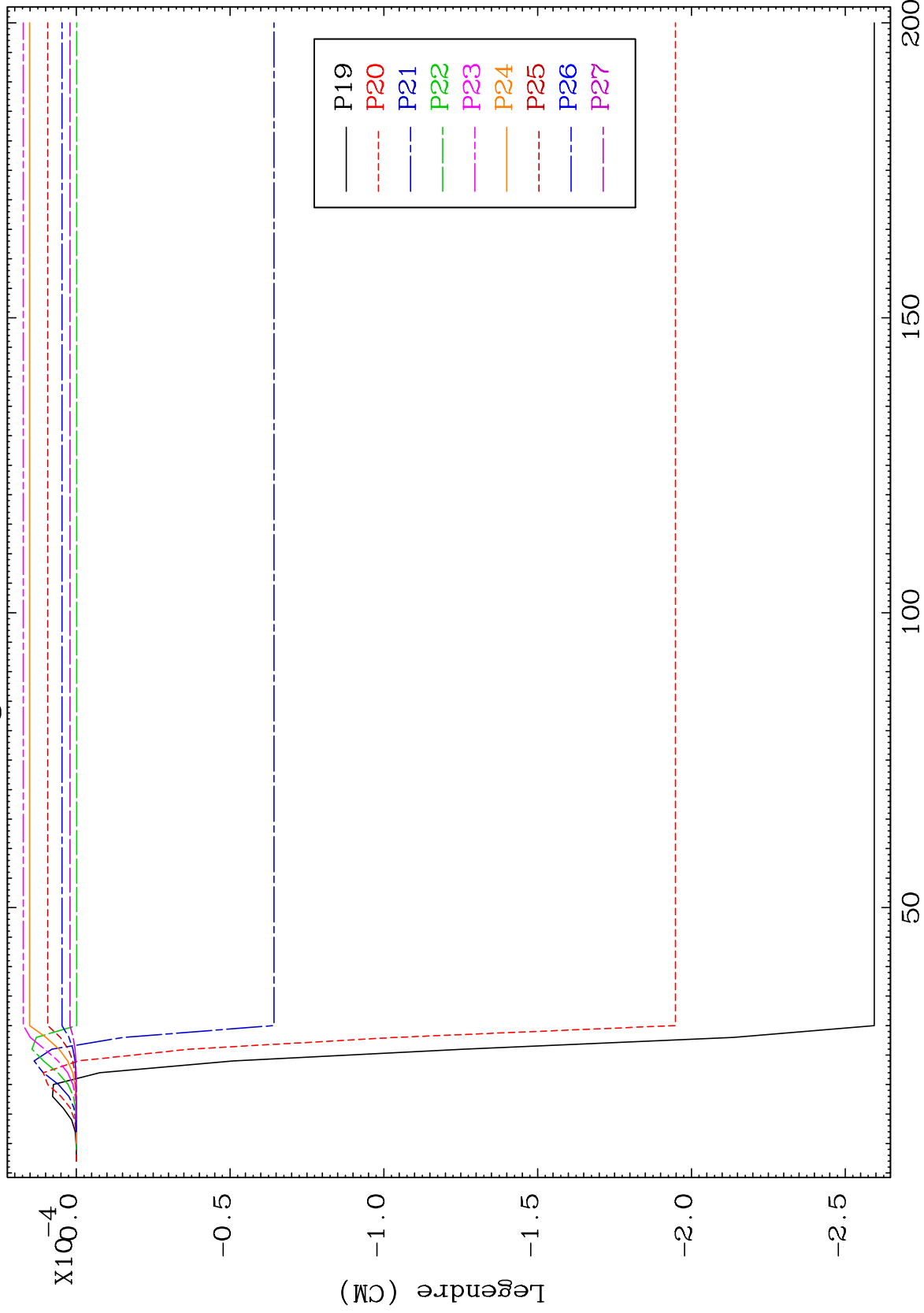
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MAT 6477

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

65-Tb-143



42

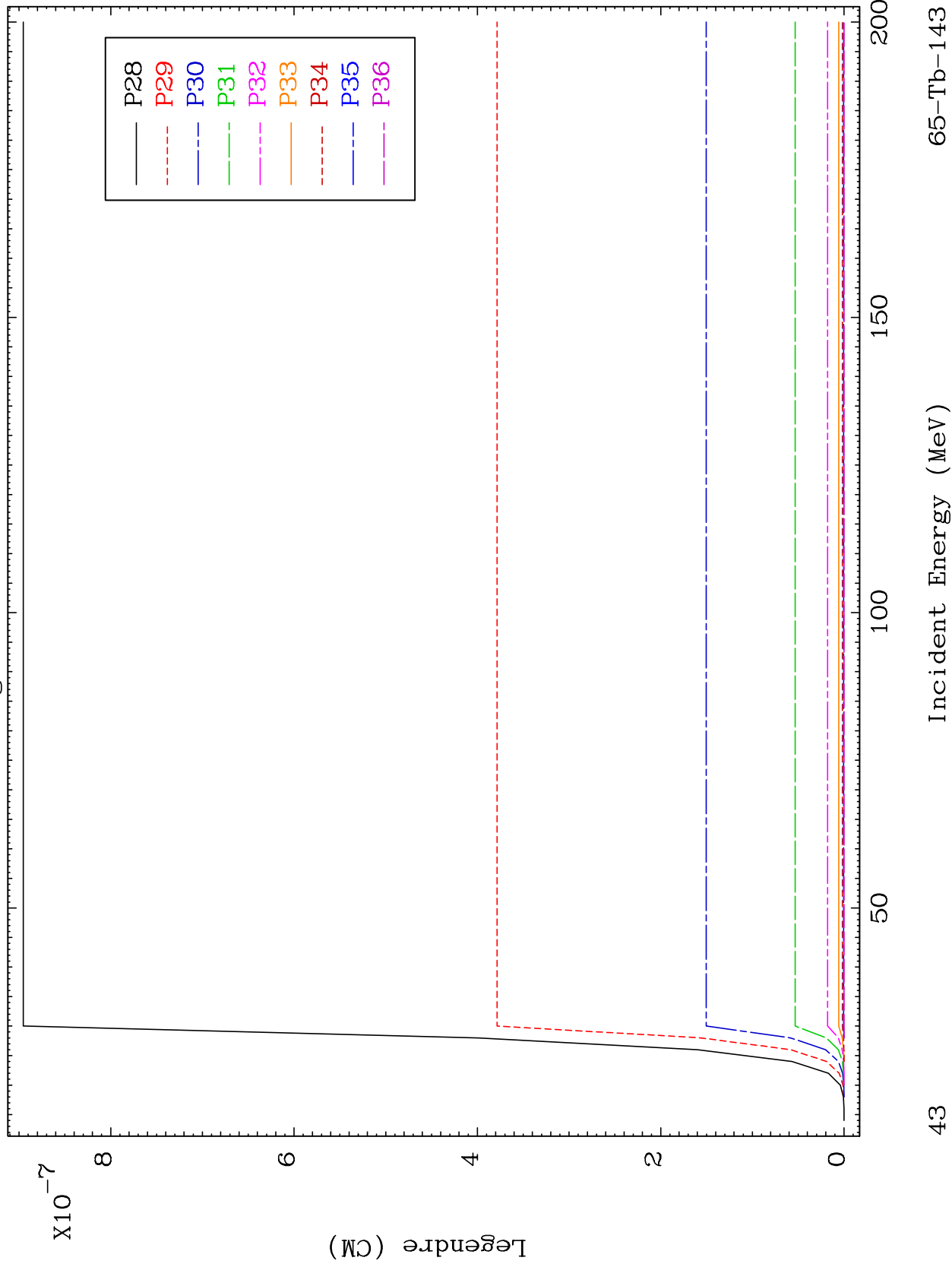
Incident Energy (MeV)

65-Tb-143

MAT 6477

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

65-Tb-143



43

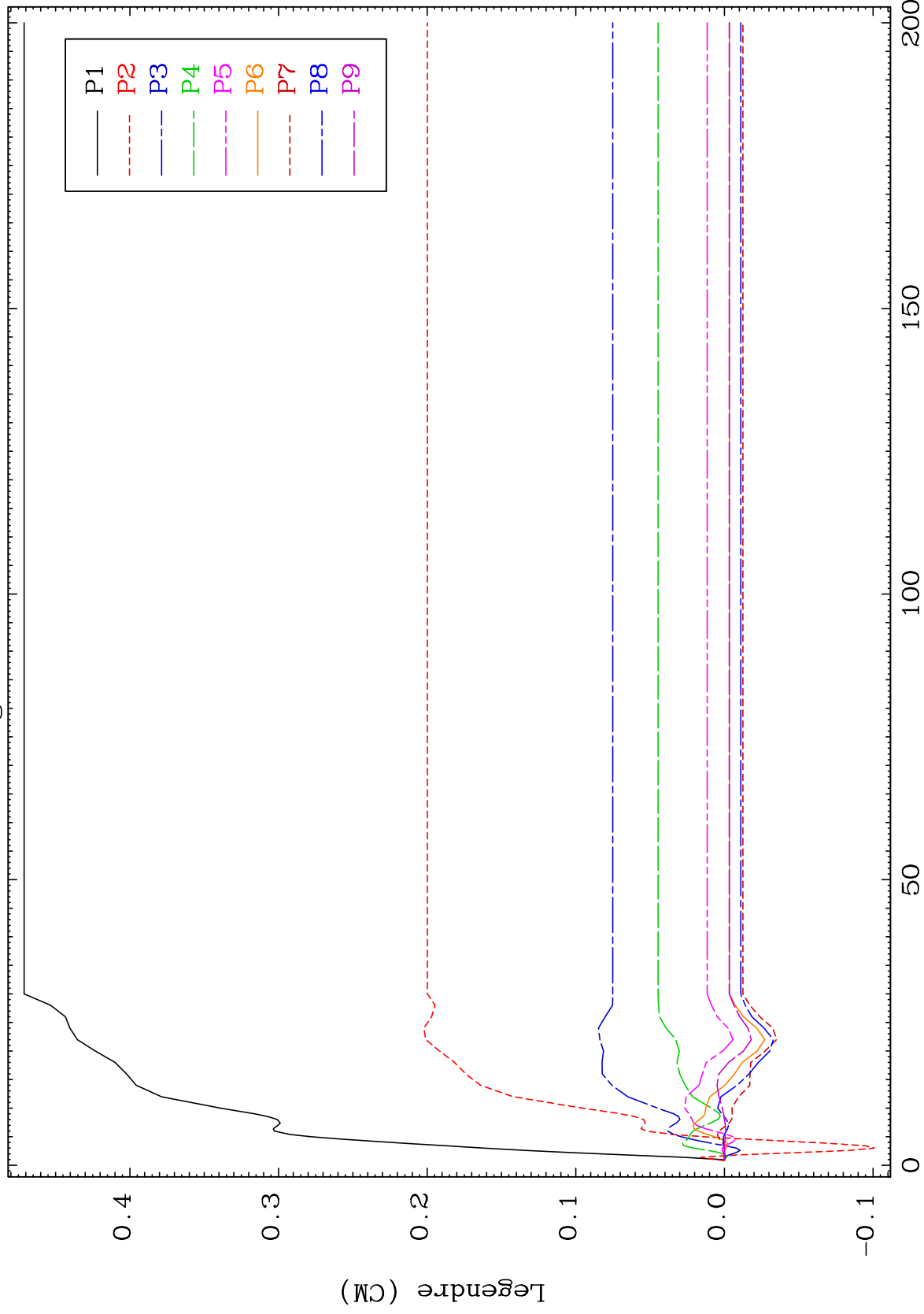
Incident Energy (MeV)

65-Tb-143

MAT 6477

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

65-Tb-143



44

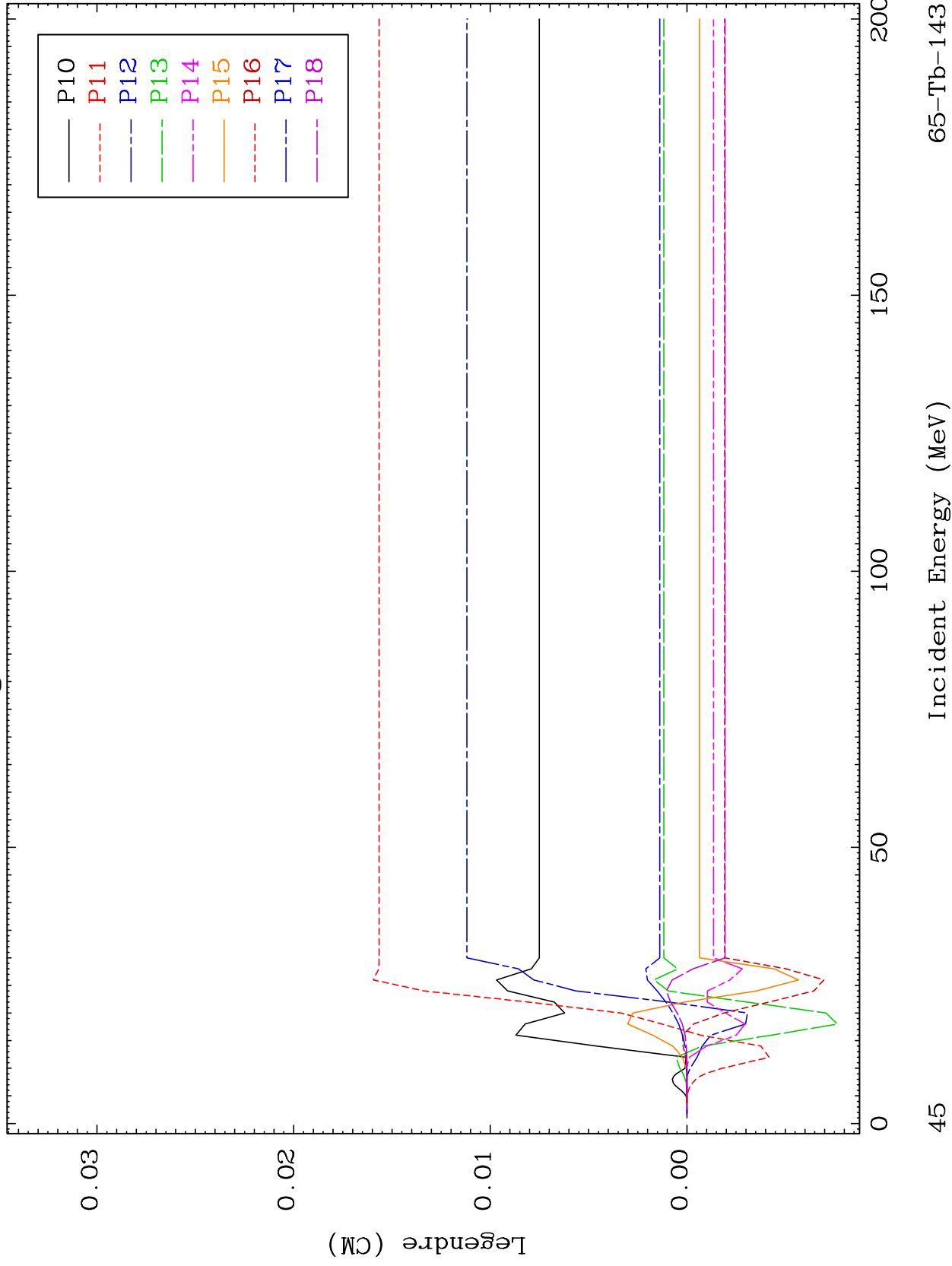
Incident Energy (MeV)

65-Tb-143

MAT 6477

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

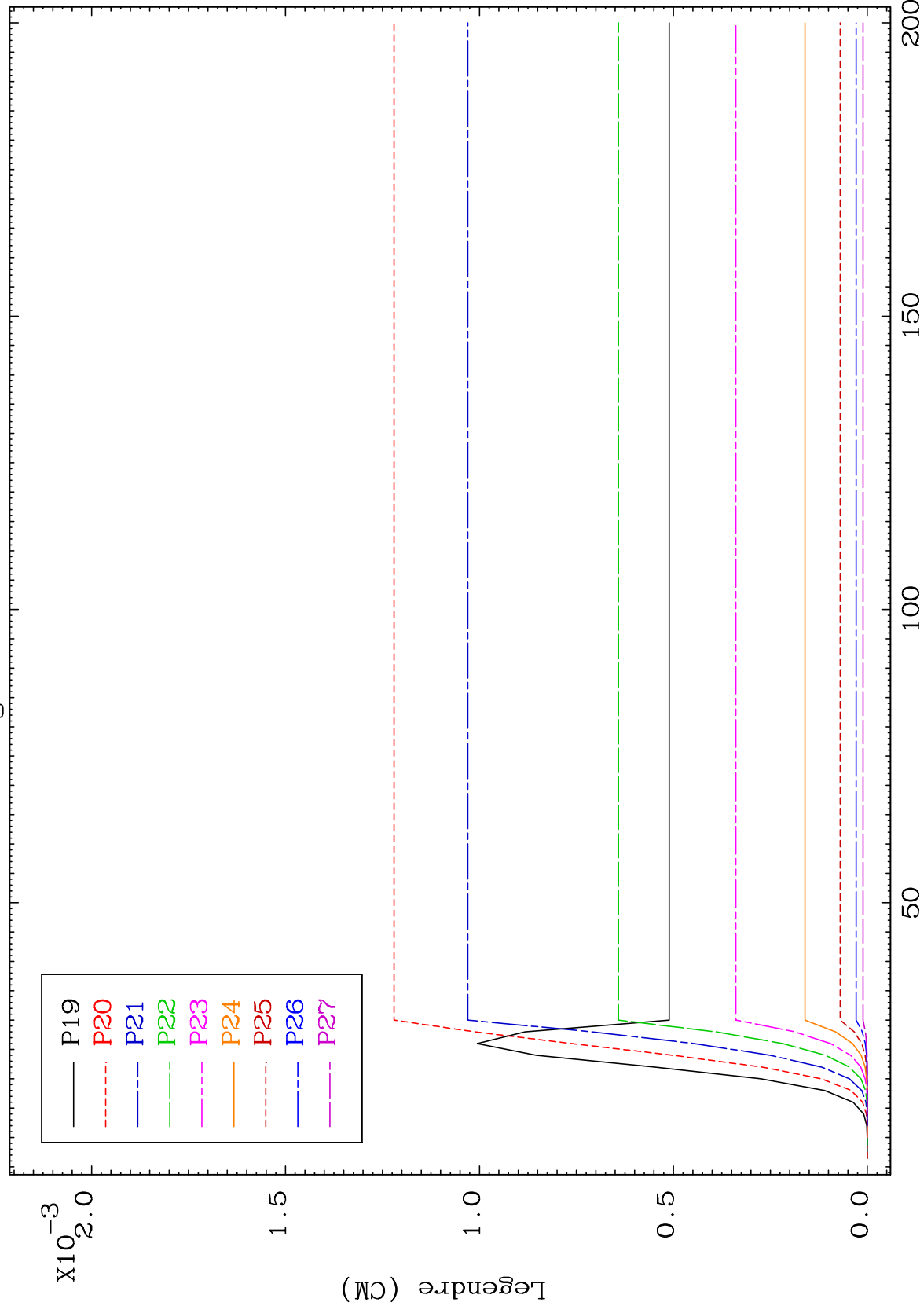
65-Tb-143



MAT 6477

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

65-Tb-143



46

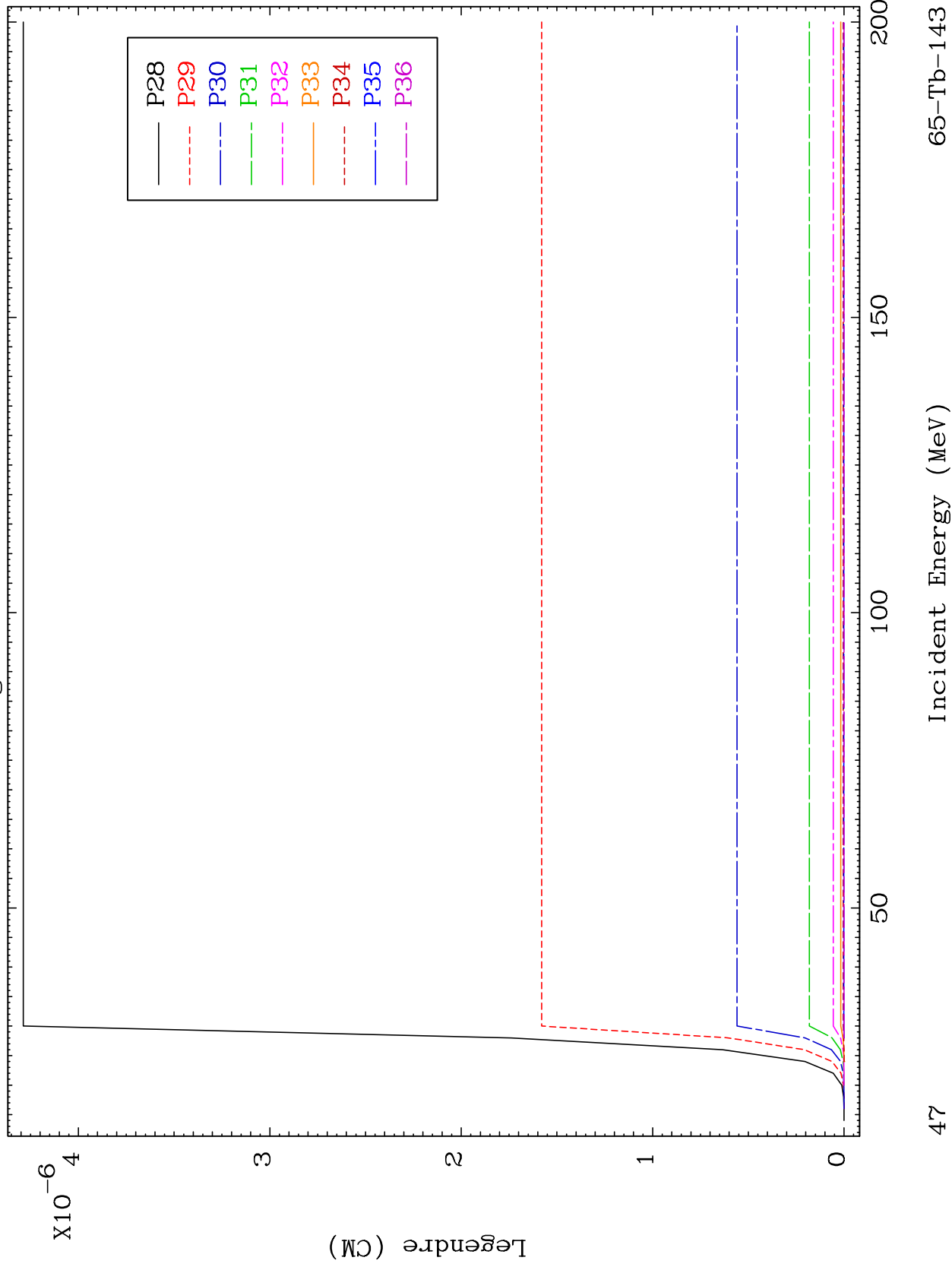
Incident Energy (MeV)

65-Tb-143

MAT 6477

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

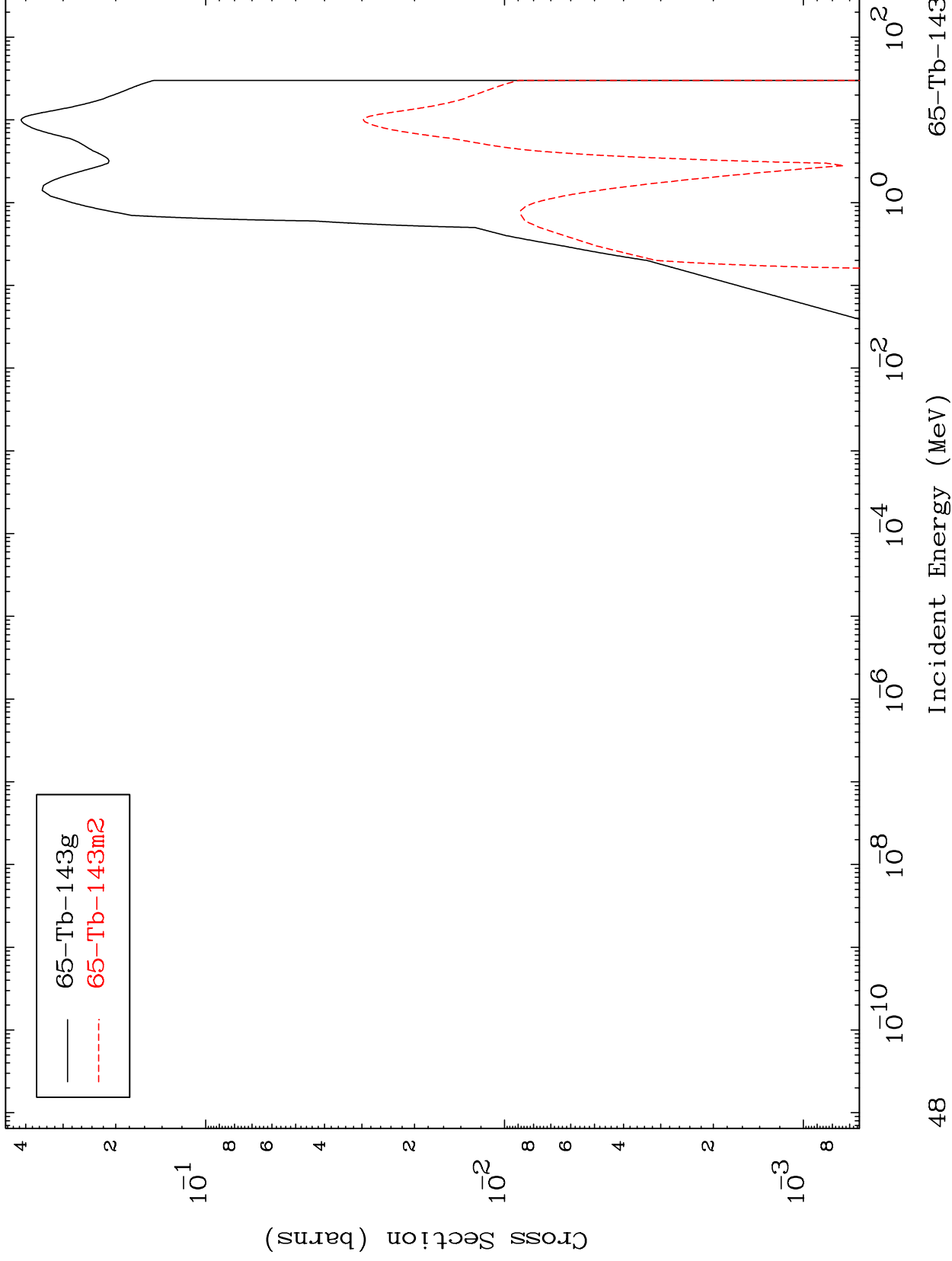
65-Tb-143



MAT 6477

Inelastic
Radionuclide Production Cross Section

65-Tb-143

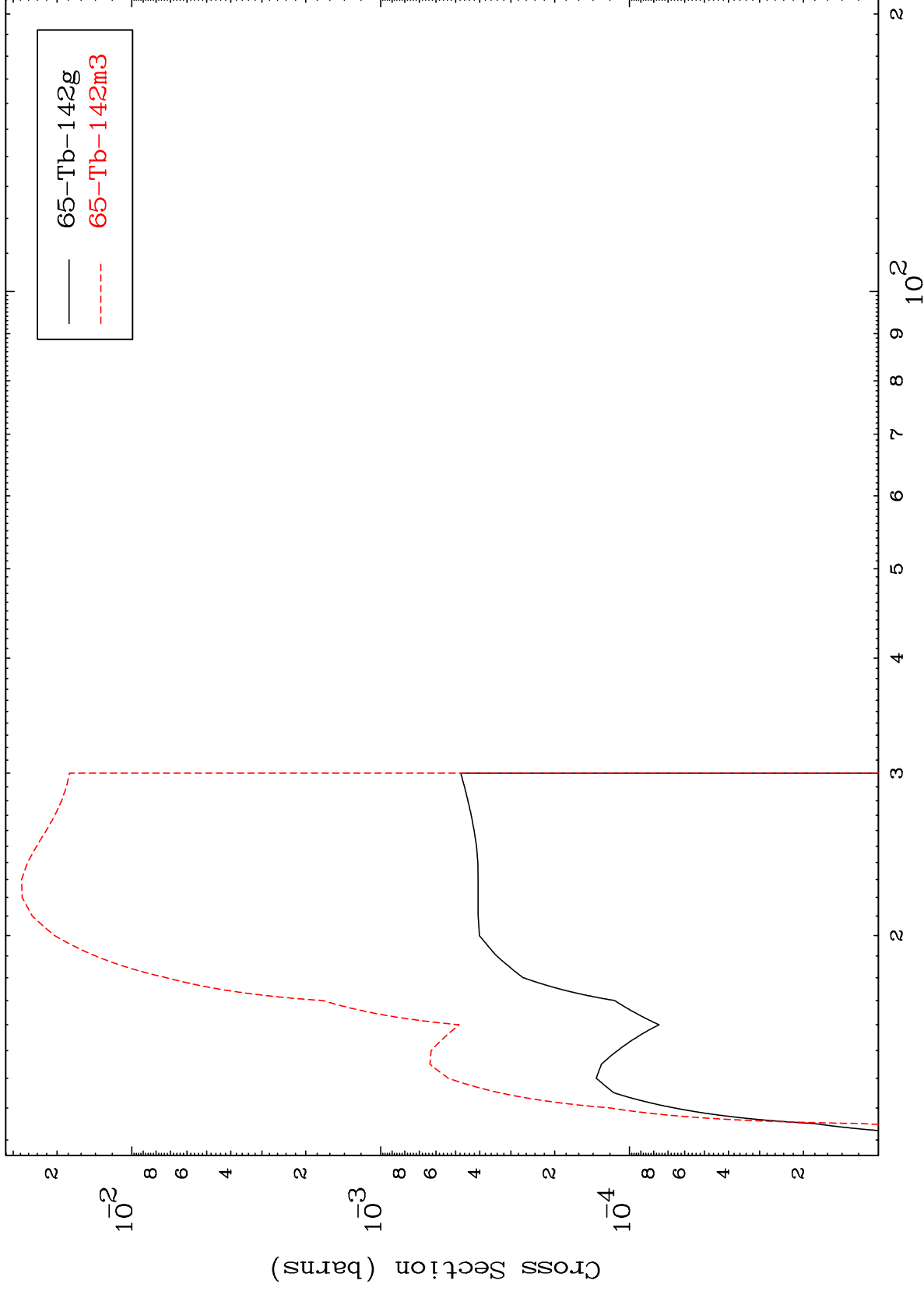


MAT 6477

(n,2n)

65-Tb-143

Radionuclide Production Cross Section



49

Incident Energy (MeV)

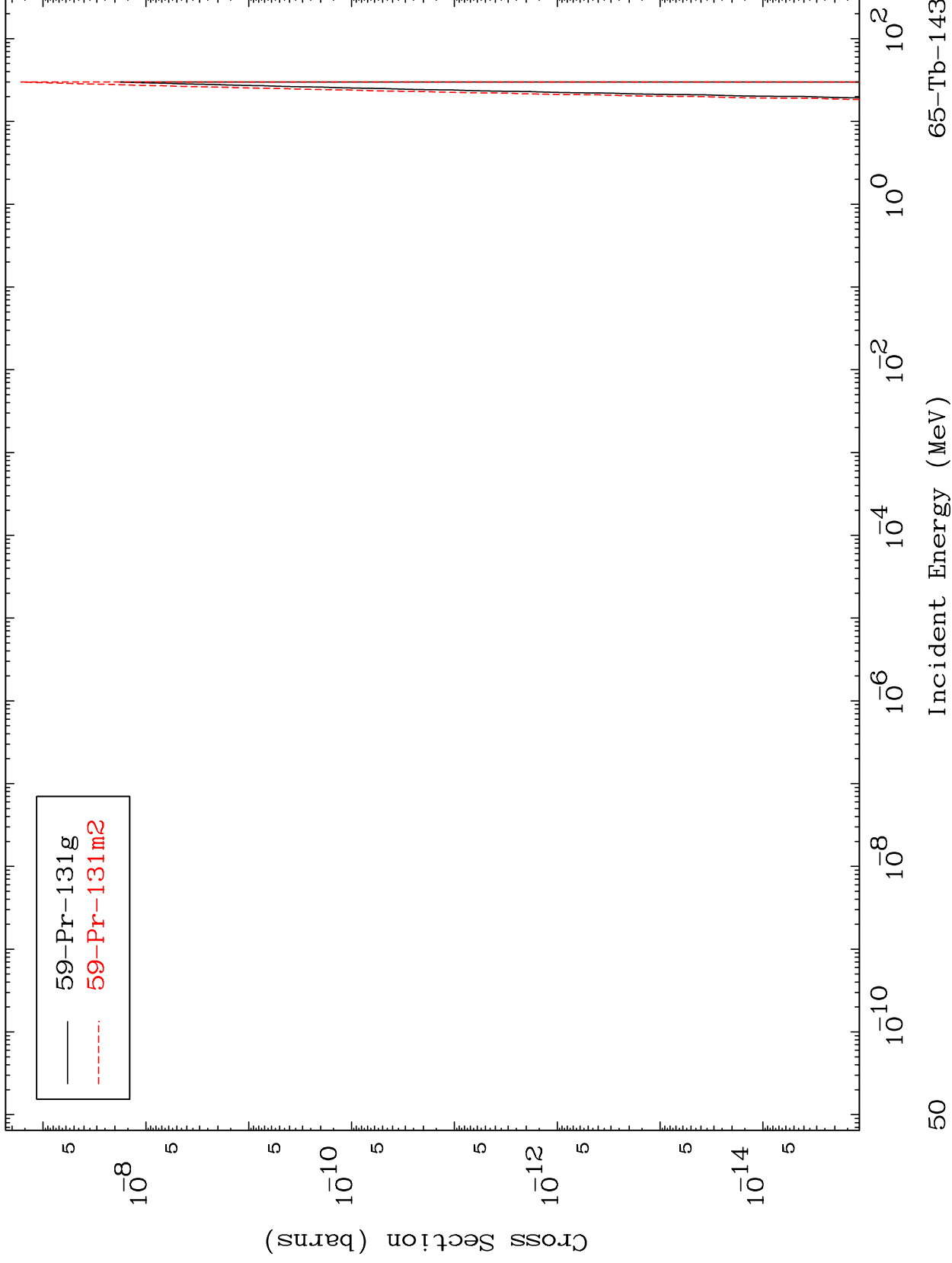
65-Tb-143

MAT 6477

(n,n') 3 α

65-Tb-143

Radionuclide Production Cross Section



50

Incident Energy (MeV)

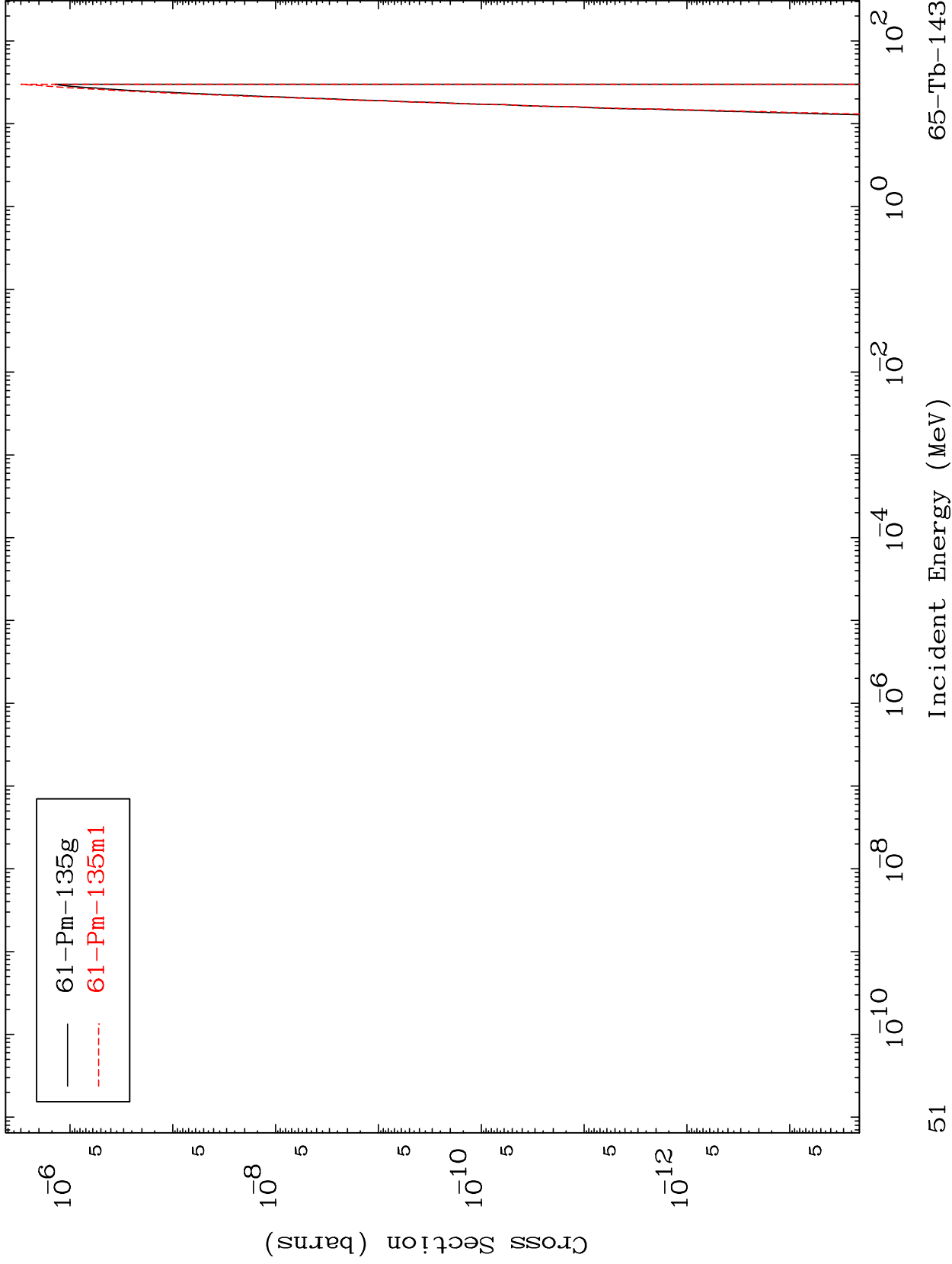
65-Tb-143

MAT 6477

(n,n') 2 α

65-Tb-143

Radionuclide Production Cross Section

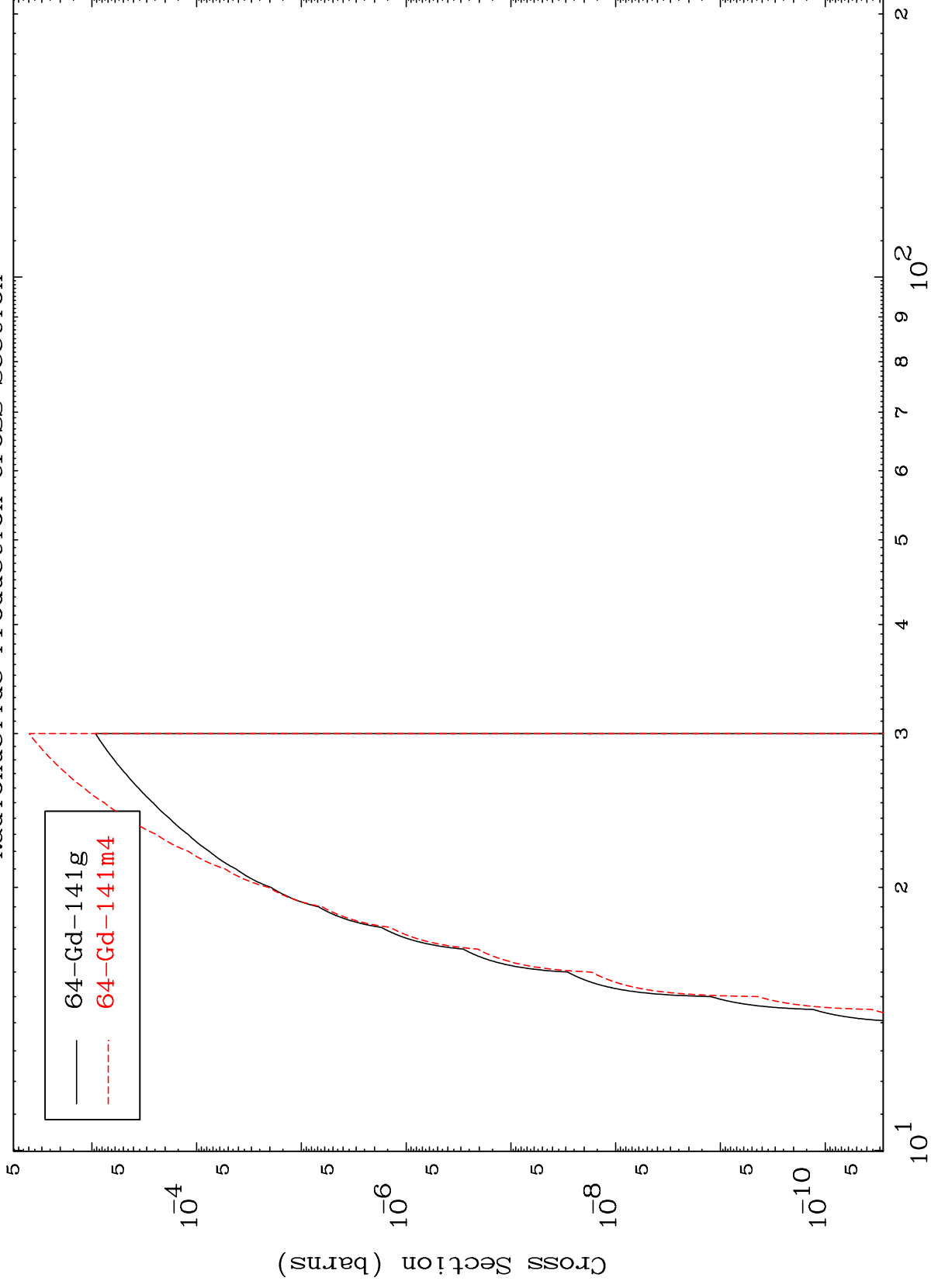


MAT 6477

(n,n') d

65-Tb-143

Radionuclide Production Cross Section



Incident Energy (MeV)

65-Tb-143

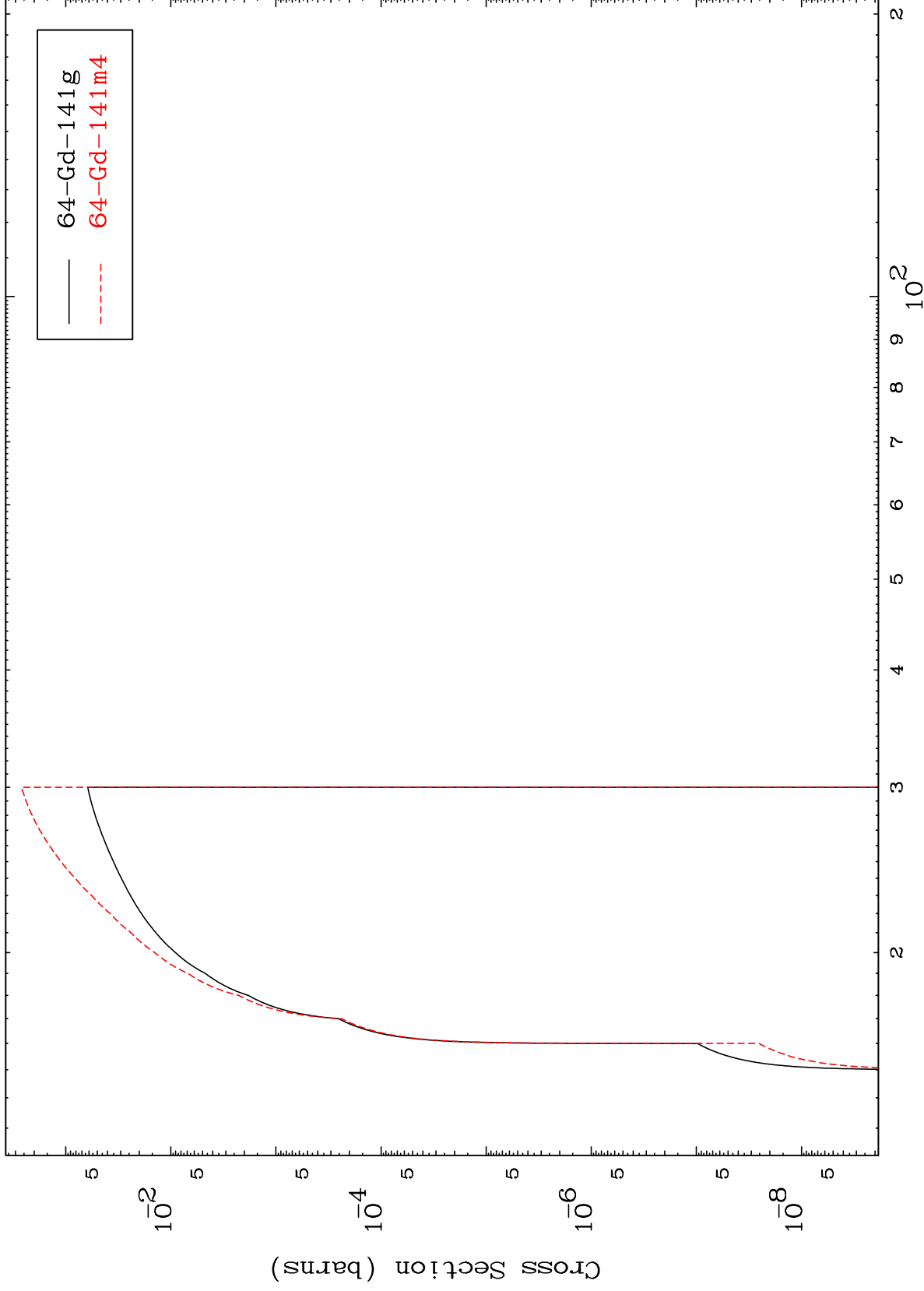
52

MAT 6477

(n,2n) p

65-Tb-143

Radionuclide Production Cross Section



53

Incident Energy (MeV)

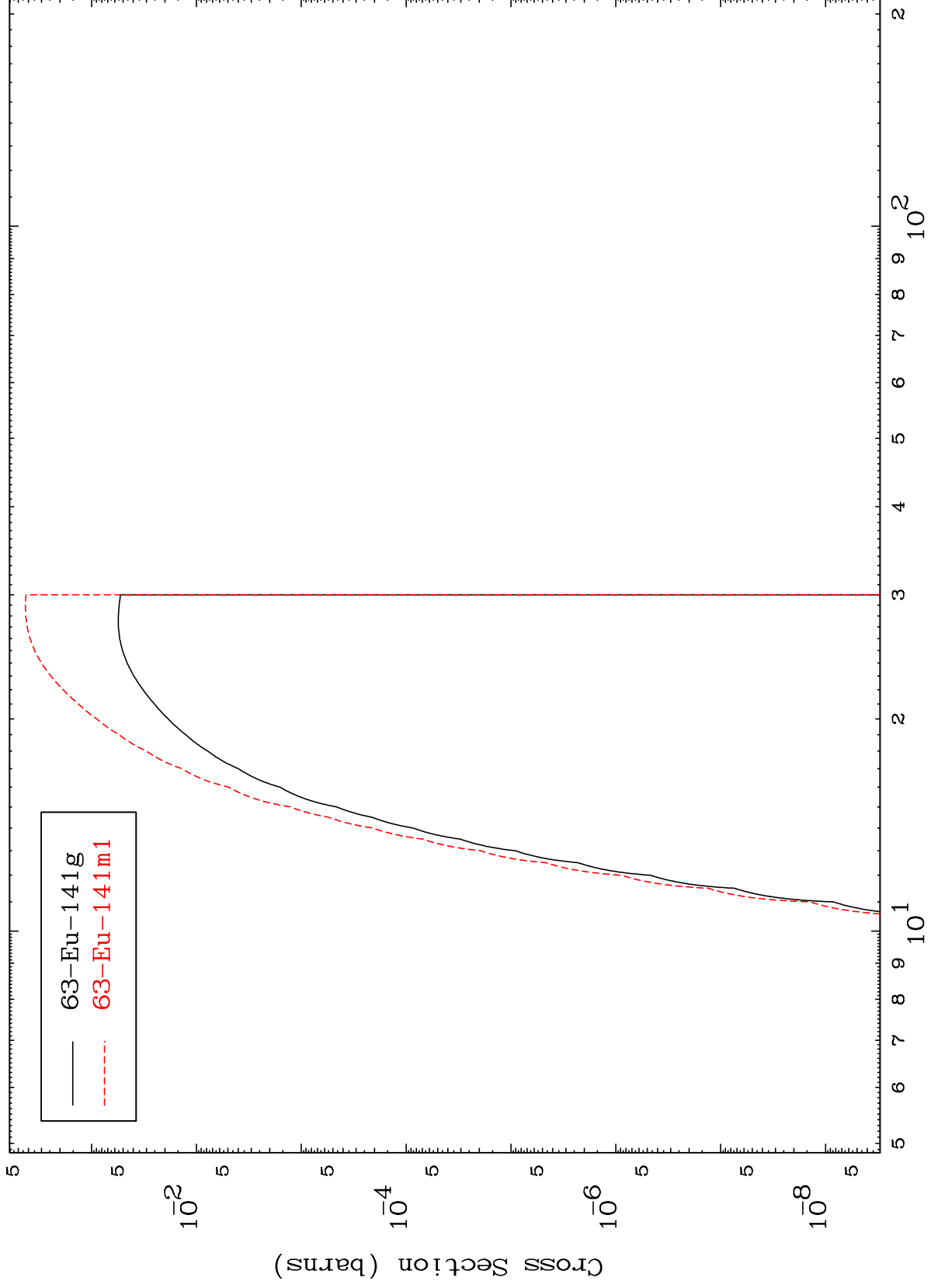
65-Tb-143

MAT 6477

(n,2n) p

65-Tb-143

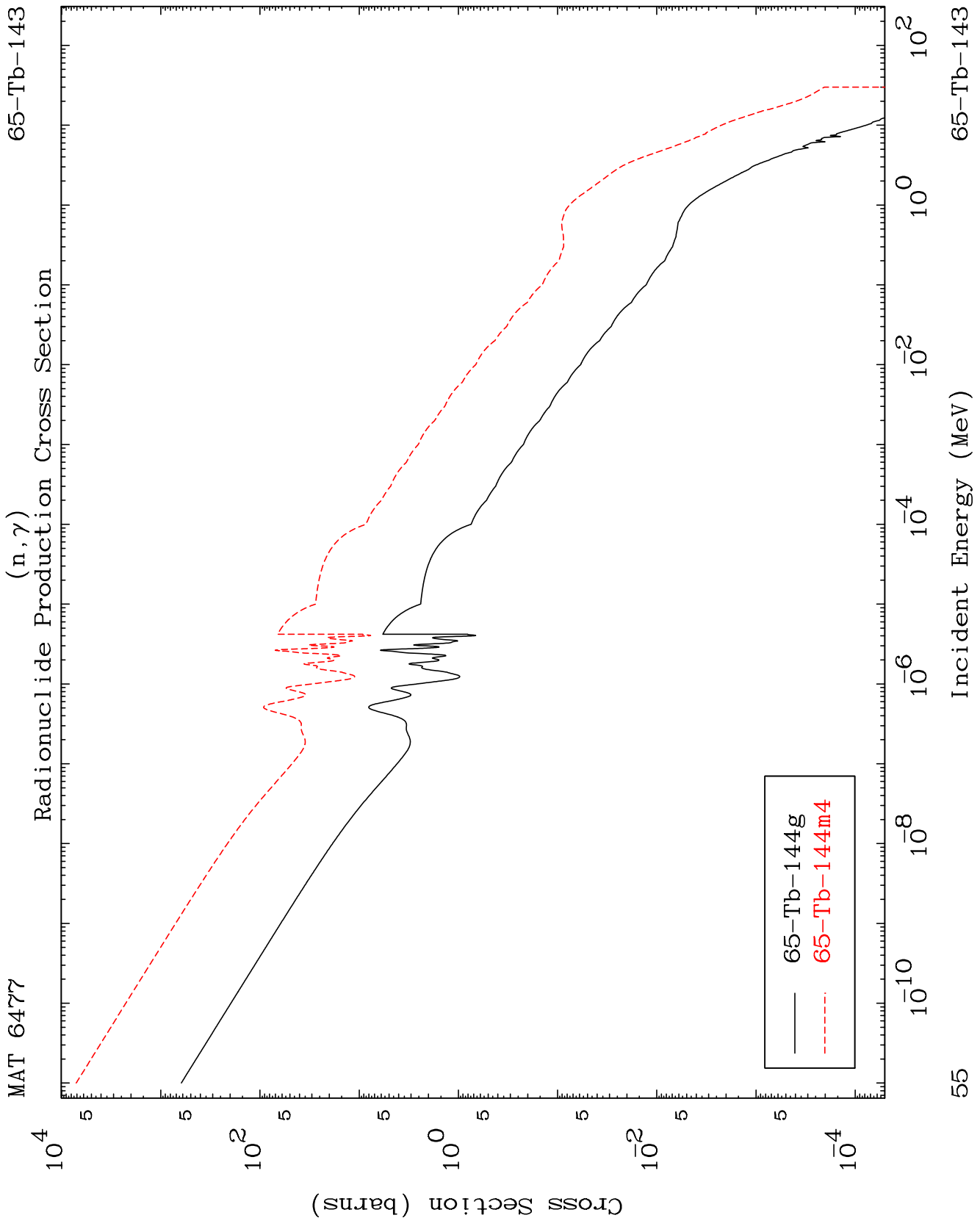
Radionuclide Production Cross Section



54

Incident Energy (MeV)

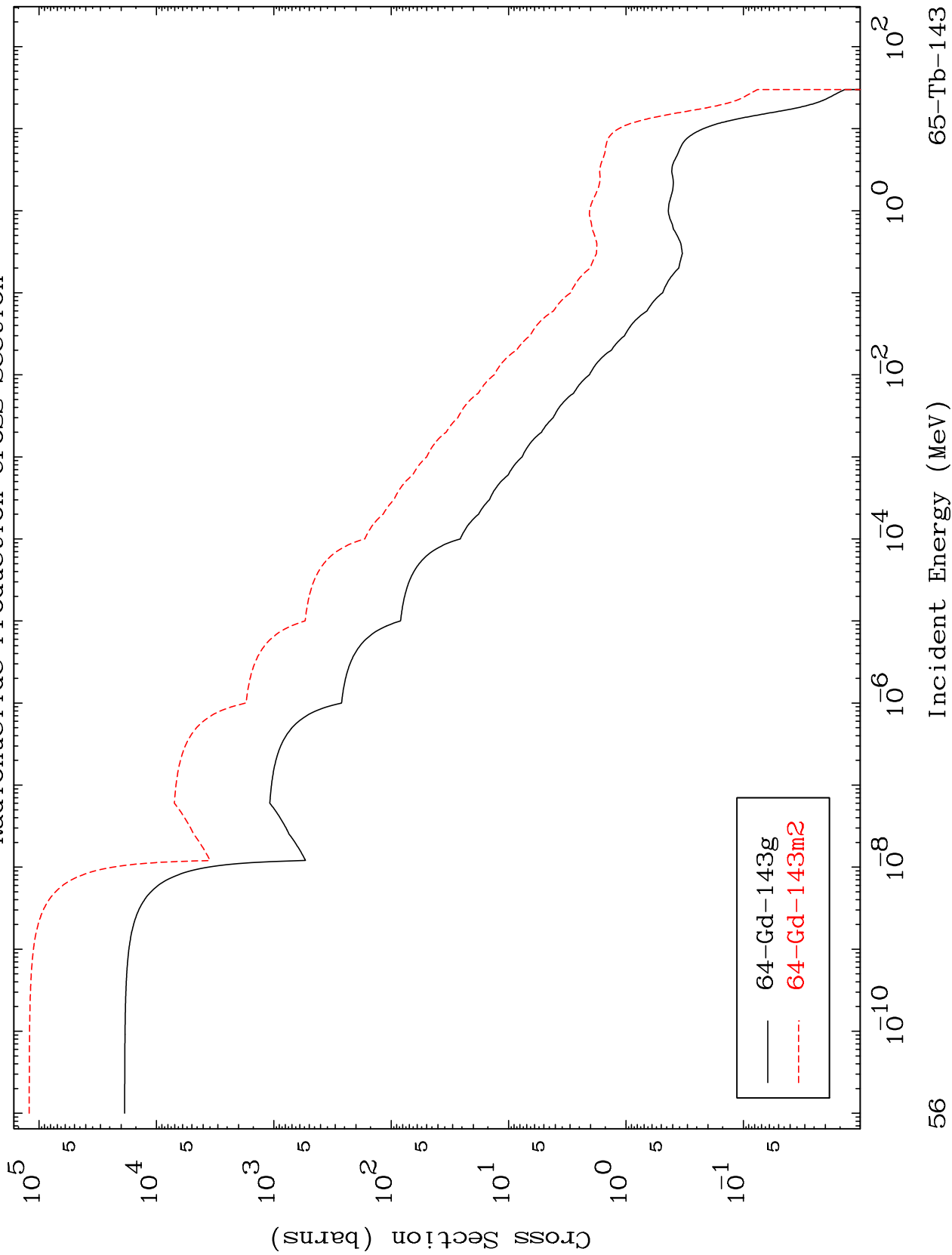
65-Tb-143



MAT 6477

65-Tb-143

(n,p)
Radionuclide Production Cross Section

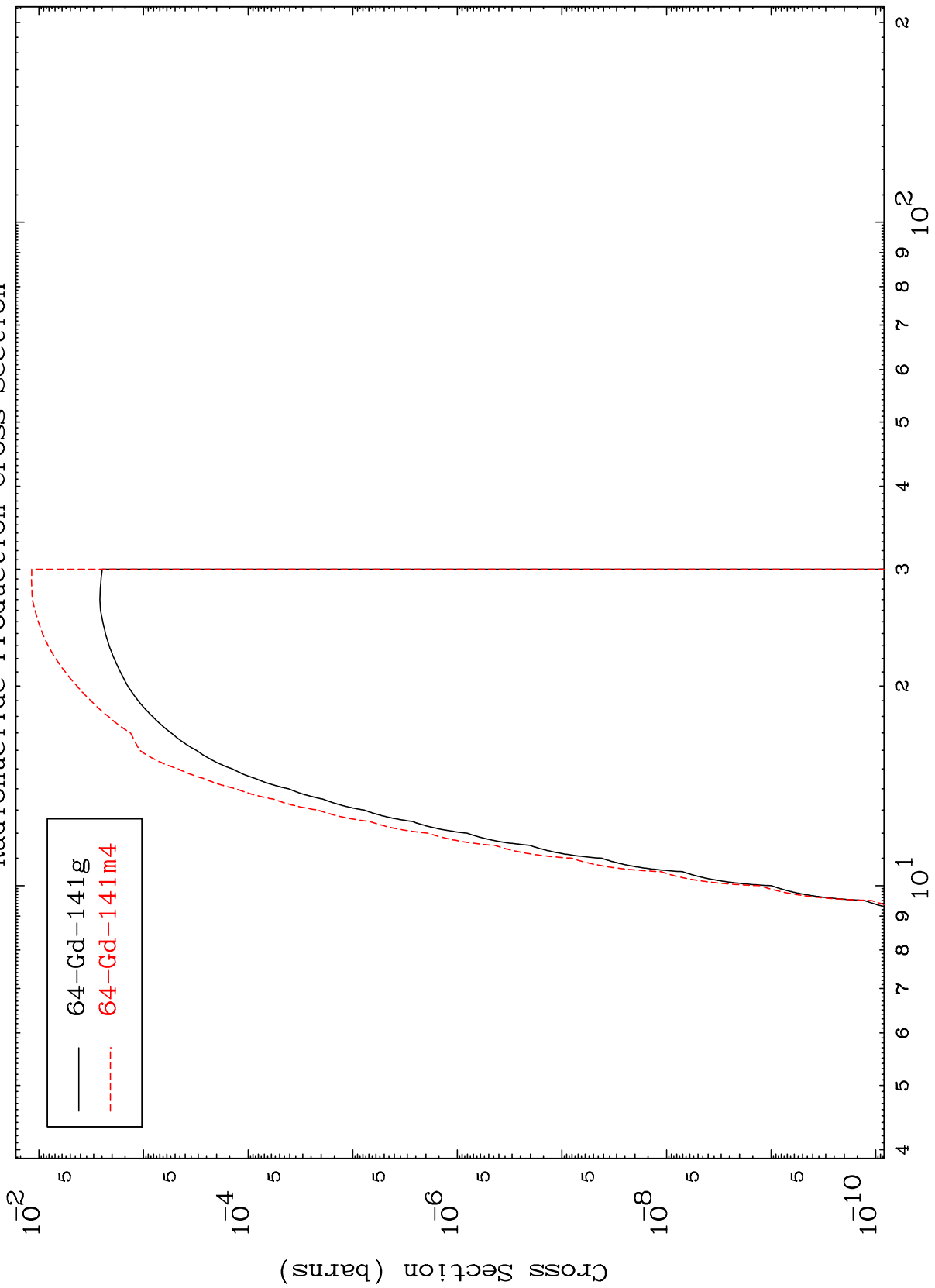


56

MAT 6477

65-Tb-143

(n,t)
Radionuclide Production Cross Section



57

Incident Energy (MeV)

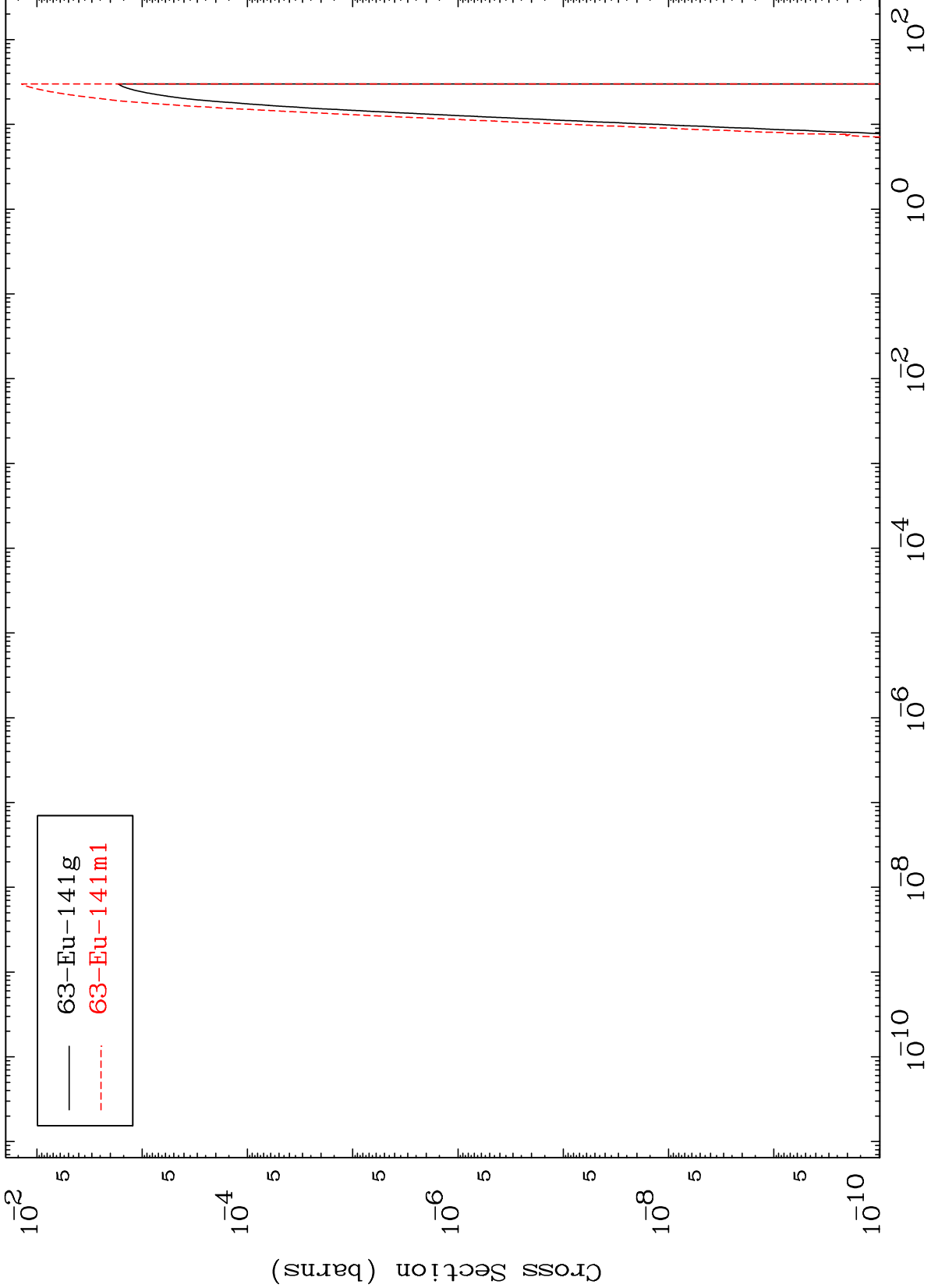
65-Tb-143

MAT 6477

(n,He-3)

65-Tb-143

Radionuclide Production Cross Section



58

Incident Energy (MeV)

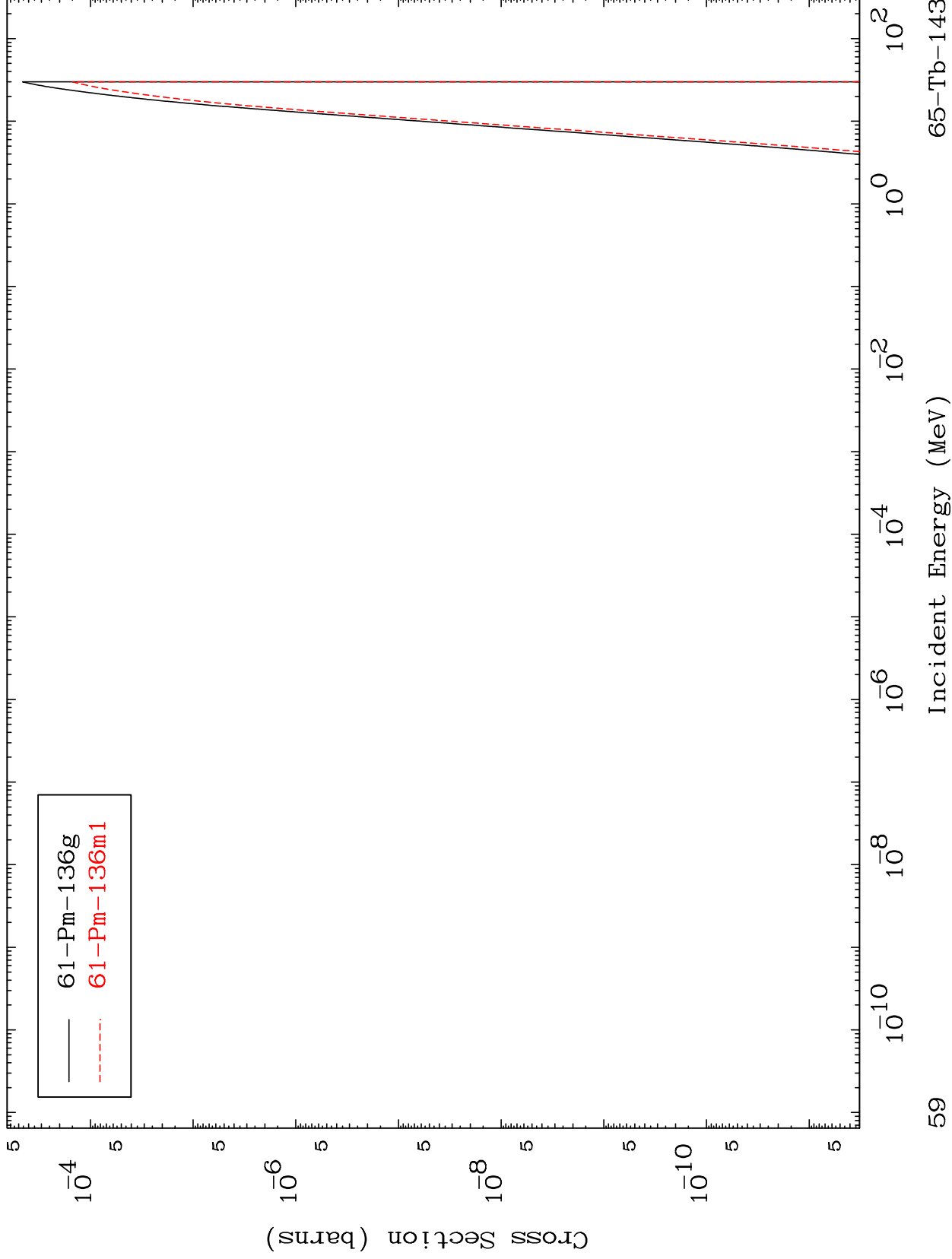
65-Tb-143

MAT 6477

(n,2α)

65-Tb-143

Radionuclide Production Cross Section



59

Incident Energy (MeV)

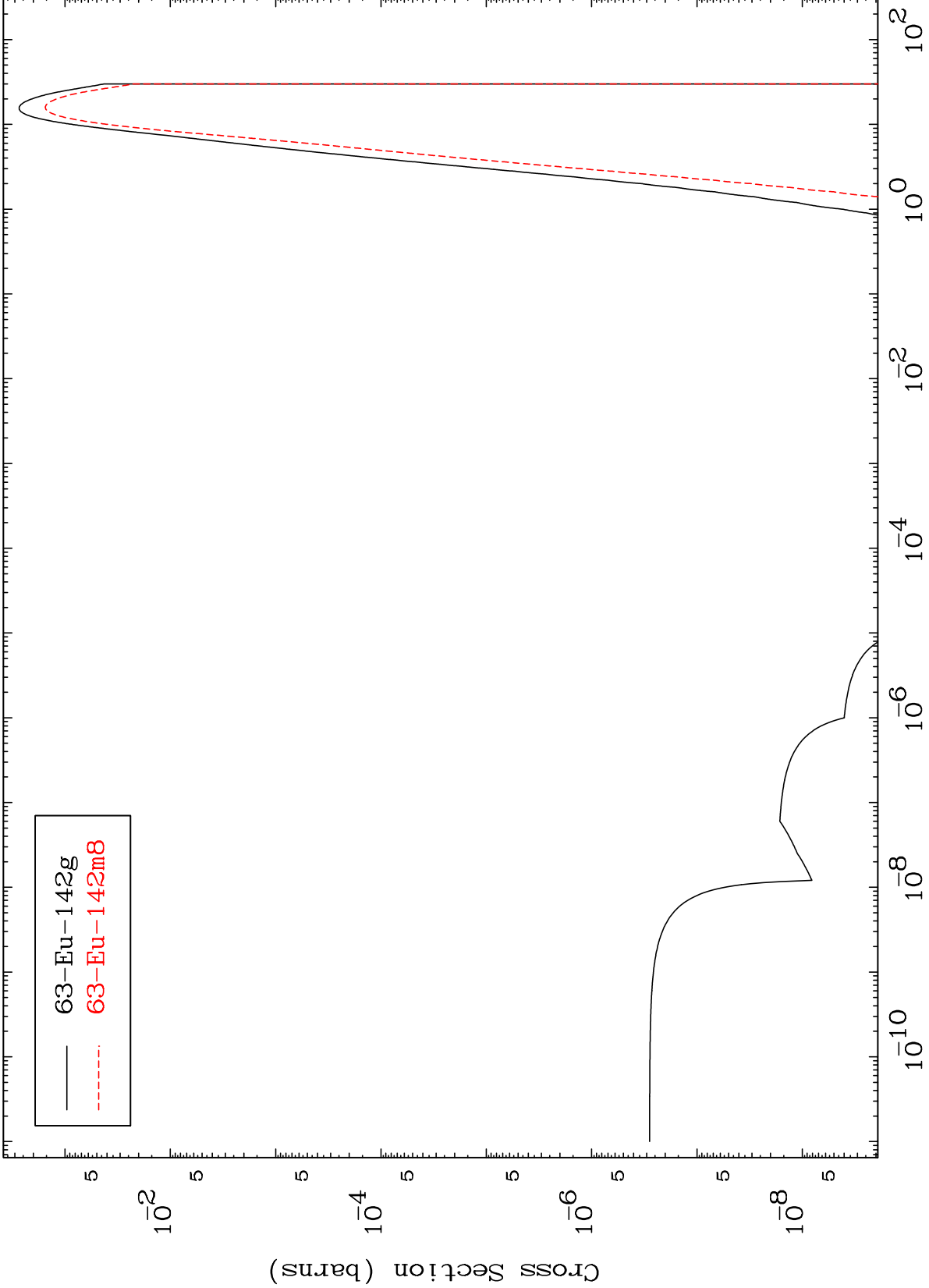
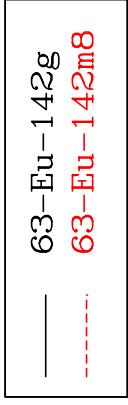
65-Tb-143

MAT 6477

(n,2p)

65-Tb-143

Radionuclide Production Cross Section



60

Incident Energy (MeV)

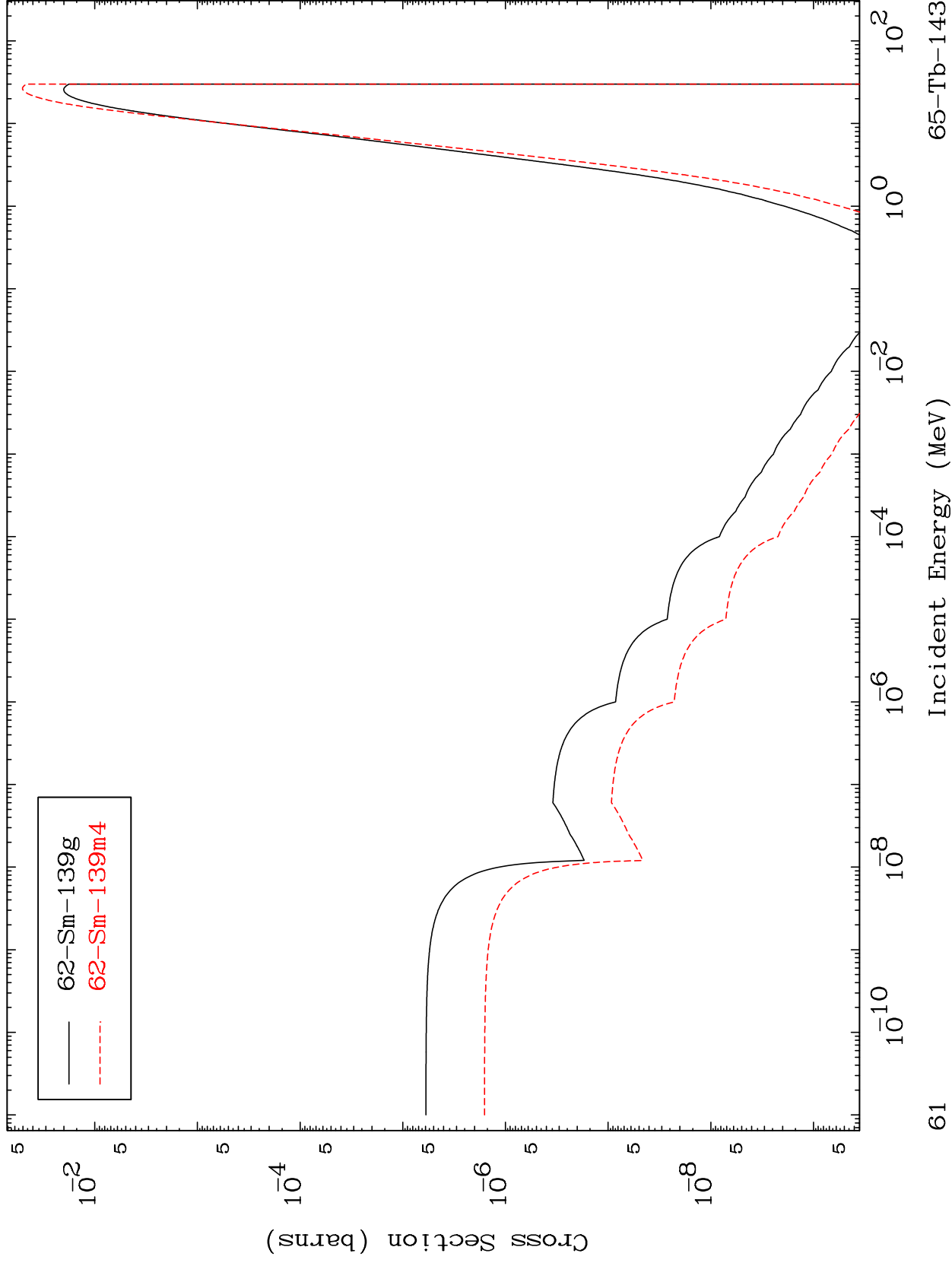
65-Tb-143

MAT 6477

(n,p) α

65-Tb-143

Radionuclide Production Cross Section

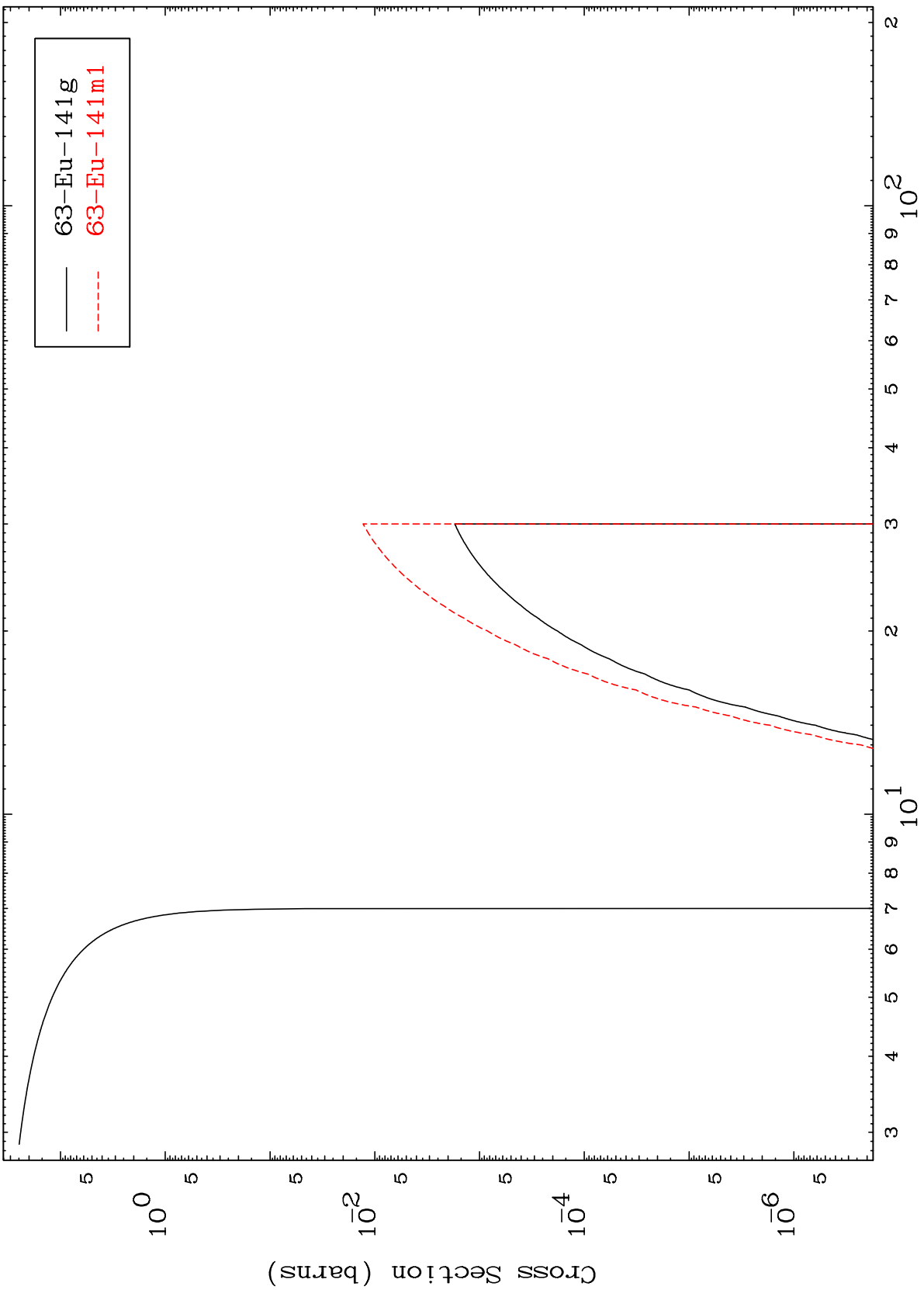


MAT 6477

(n,p) d

65-Tb-143

Radionuclide Production Cross Section



62

Incident Energy (MeV)

65-Tb-143