

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

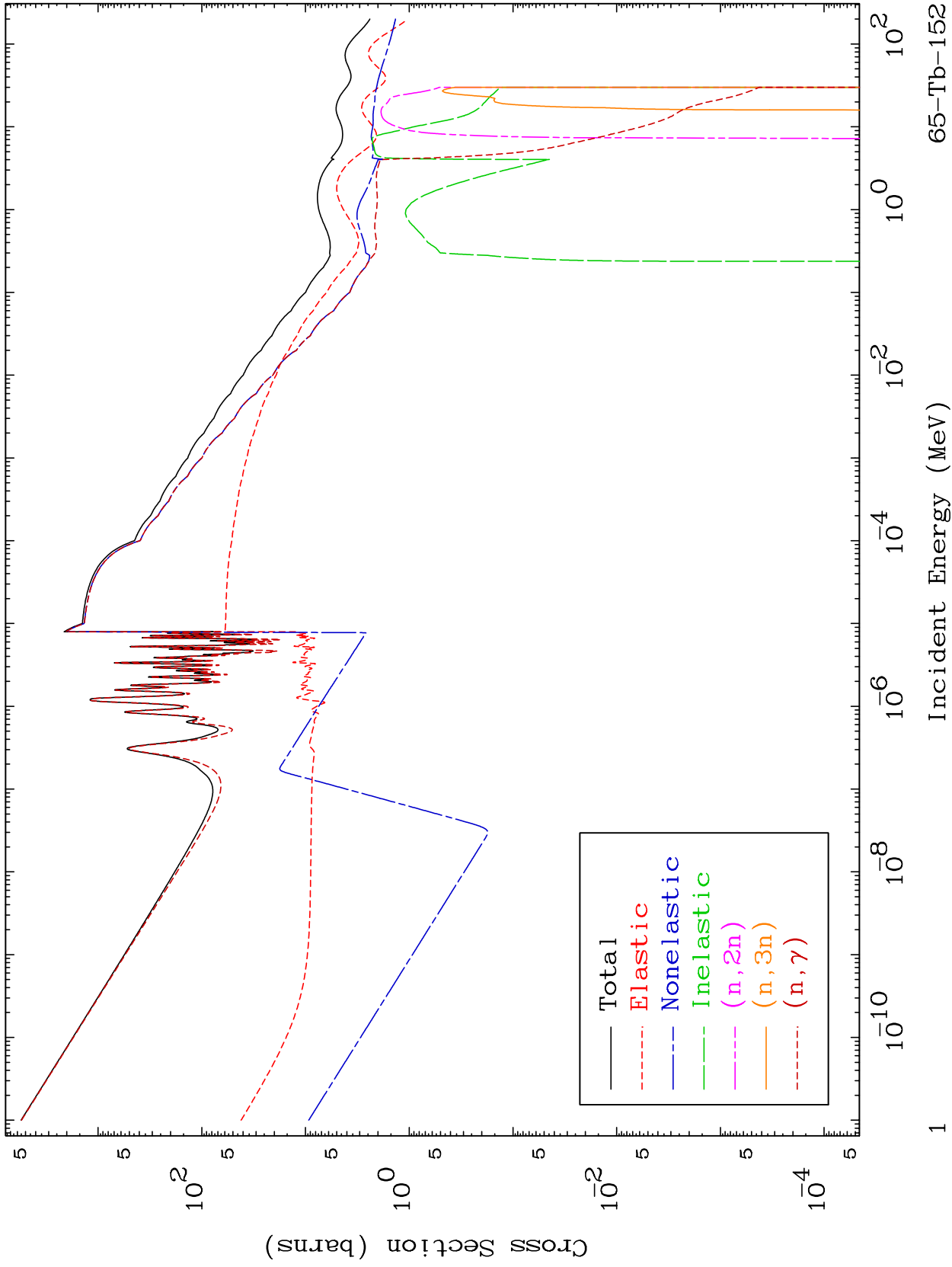
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6504

Neutron Major  
293 Kelvin Cross Sections

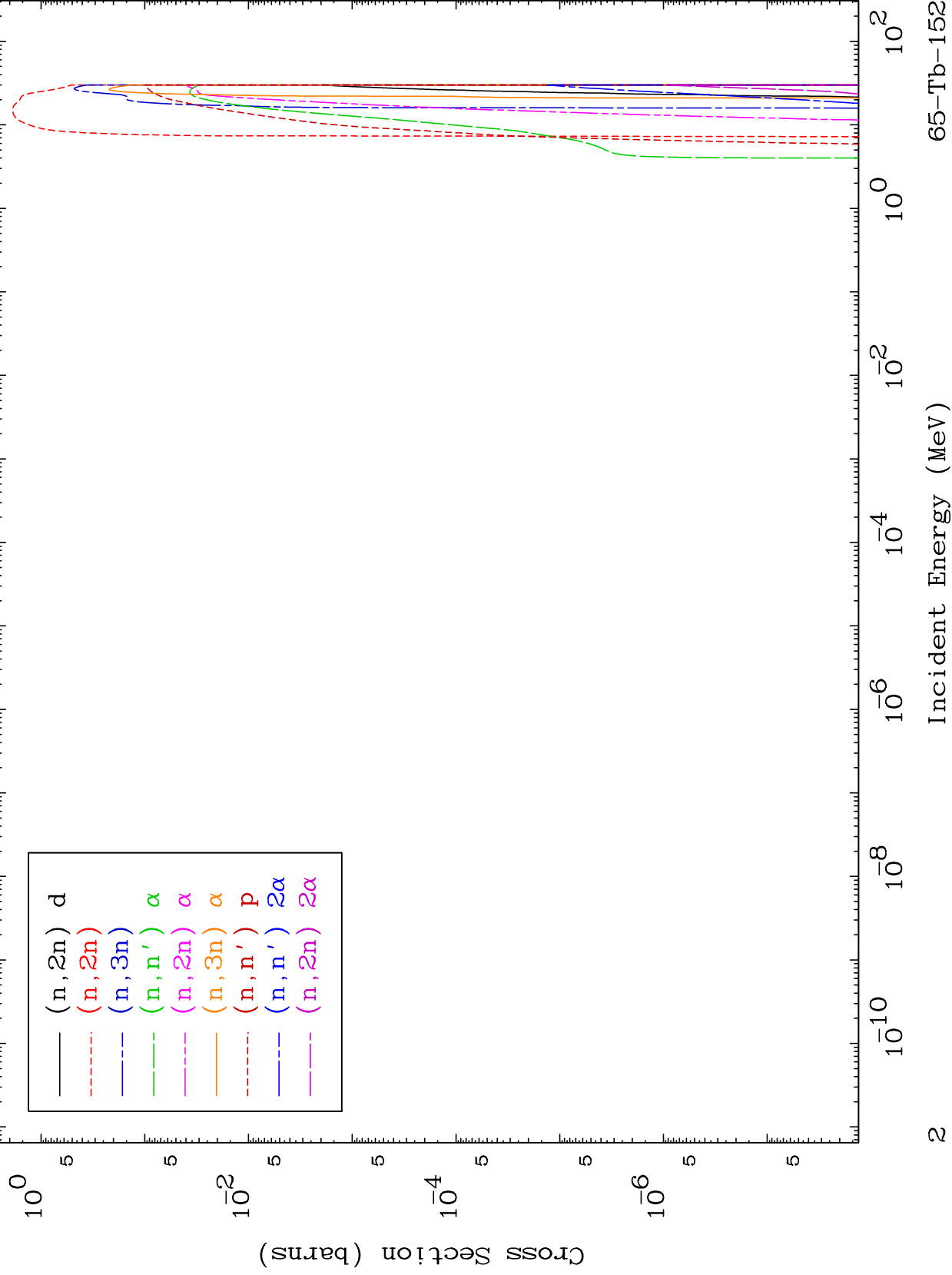
65-Tb-152



MAT 6504

Neutron Absorption  
293 Kelvin Cross Sections

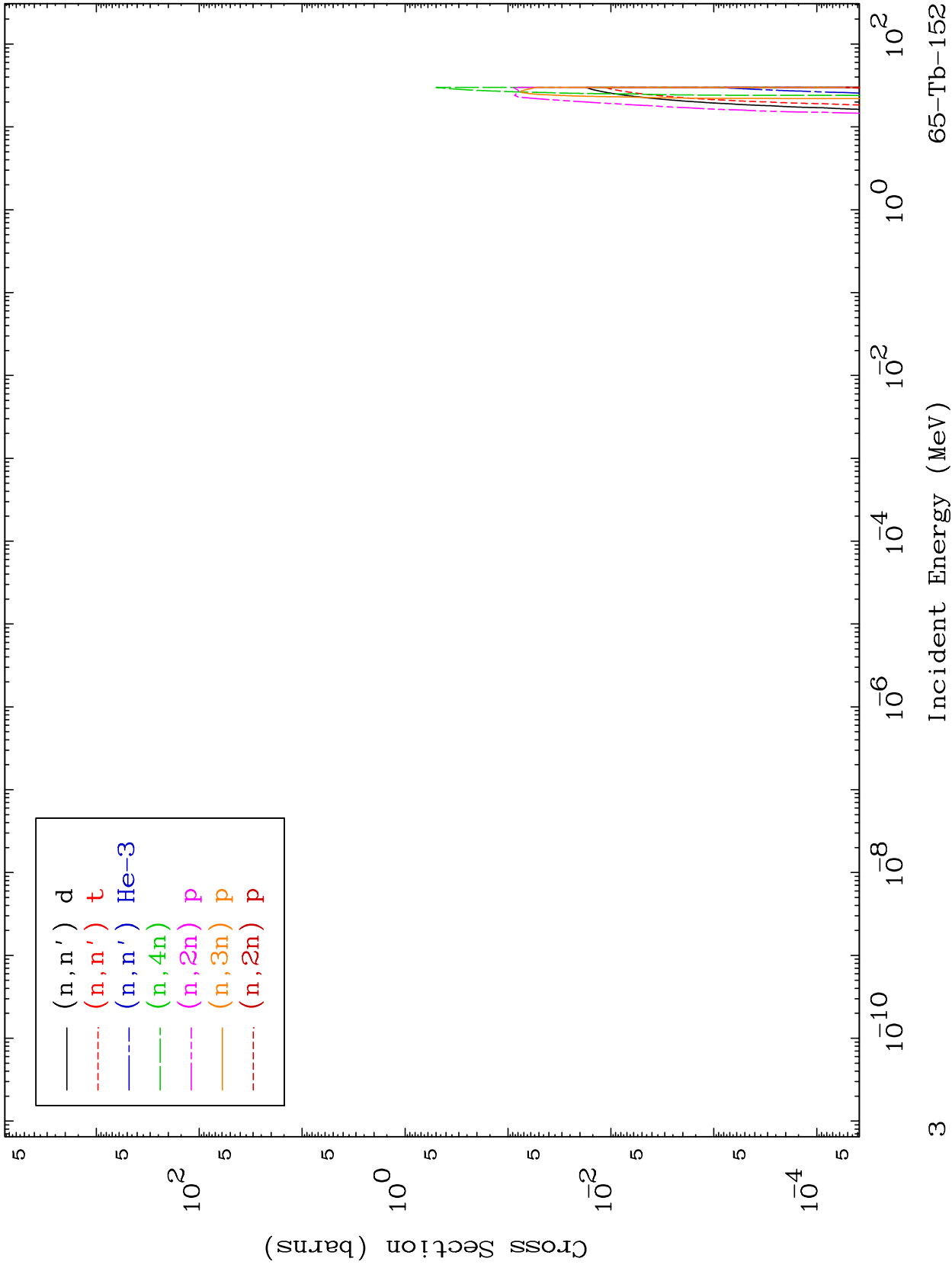
65-Tb-152



MAT 6504

Neutron Absorption  
293 Kelvin Cross Sections

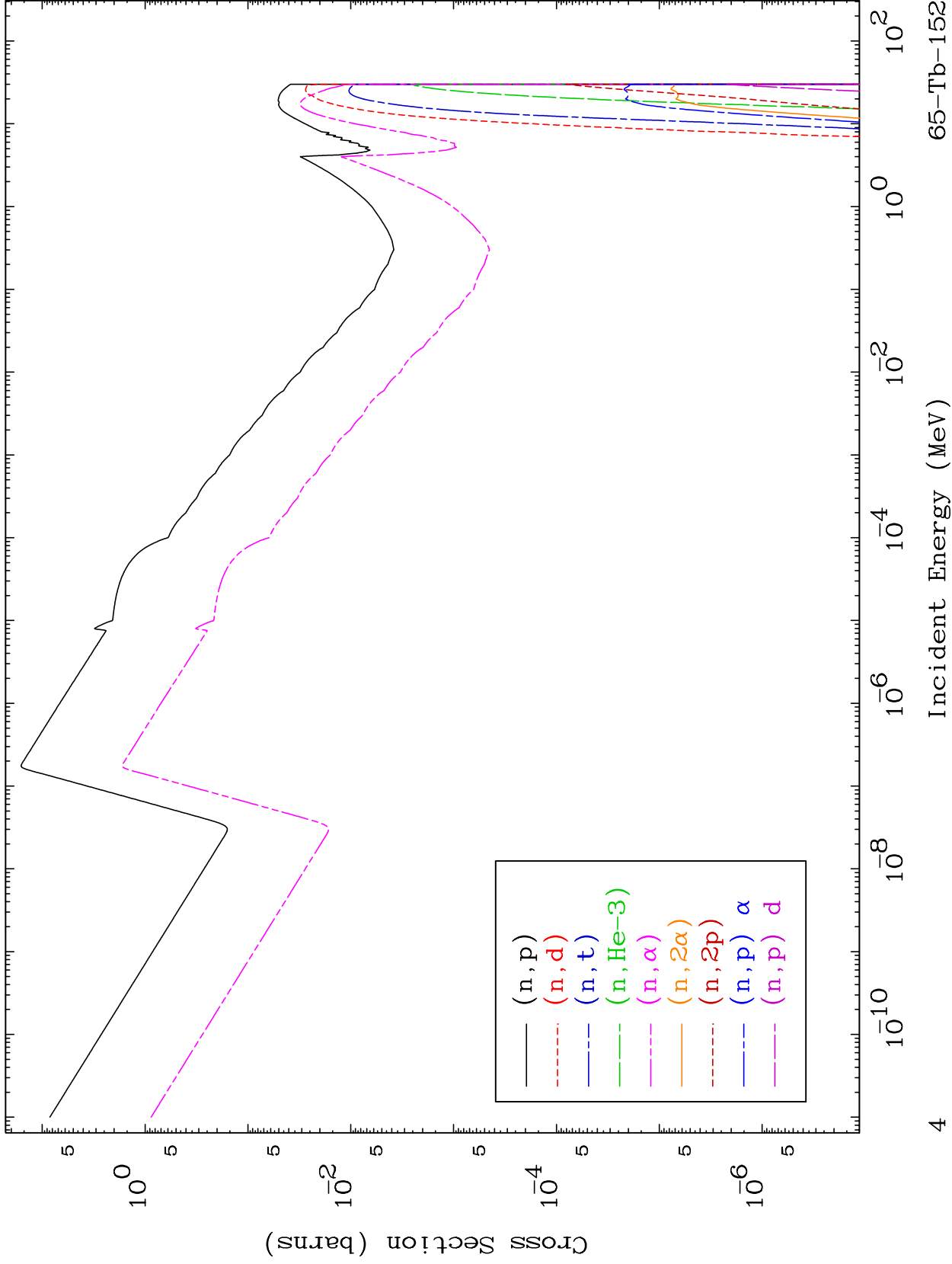
65-Tb-152



MAT 6504

Neutron Absorption  
293 Kelvin Cross Sections

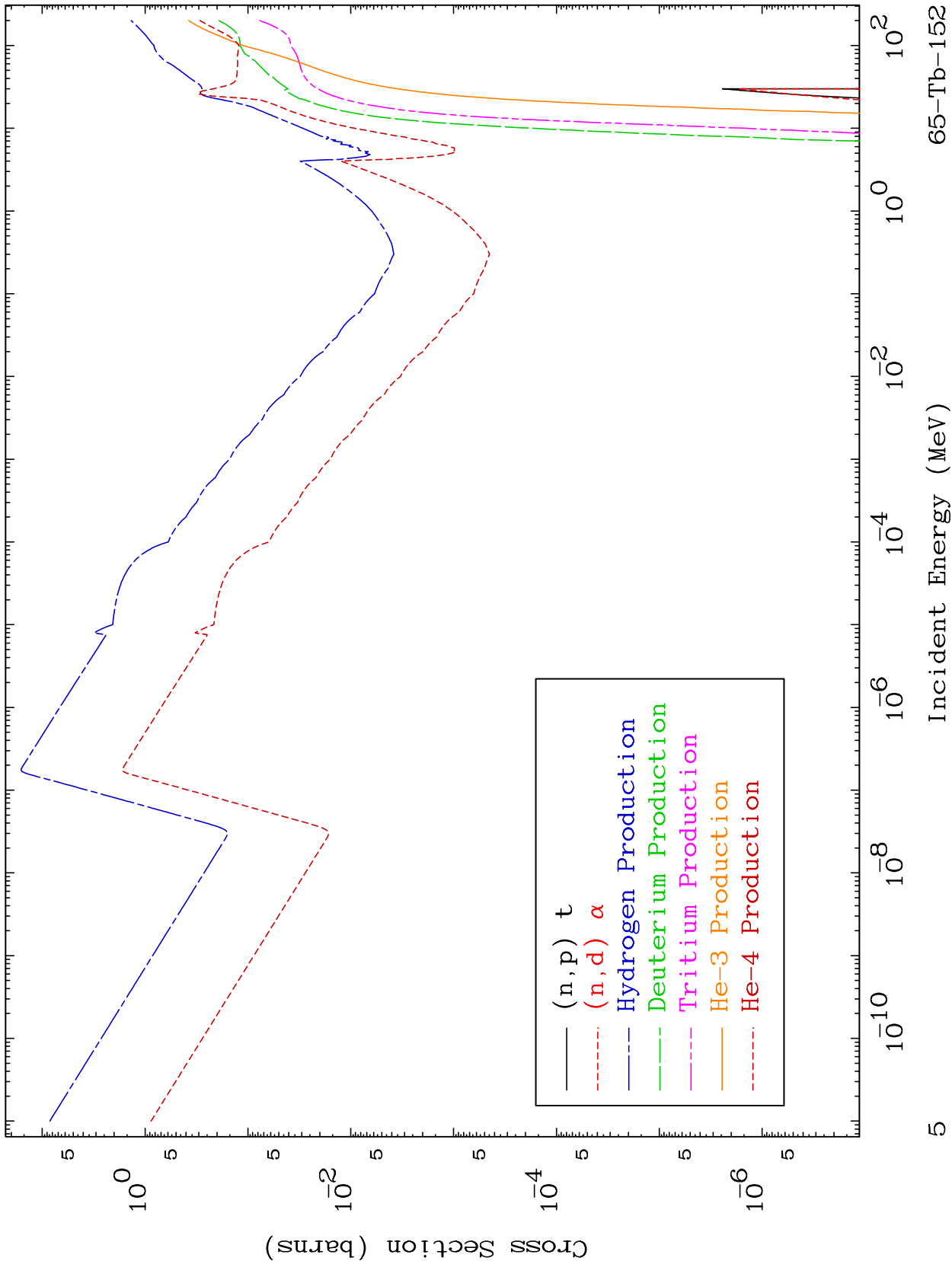
65-Tb-152



MAT 6504

Neutron Absorption  
293 Kelvin Cross Sections

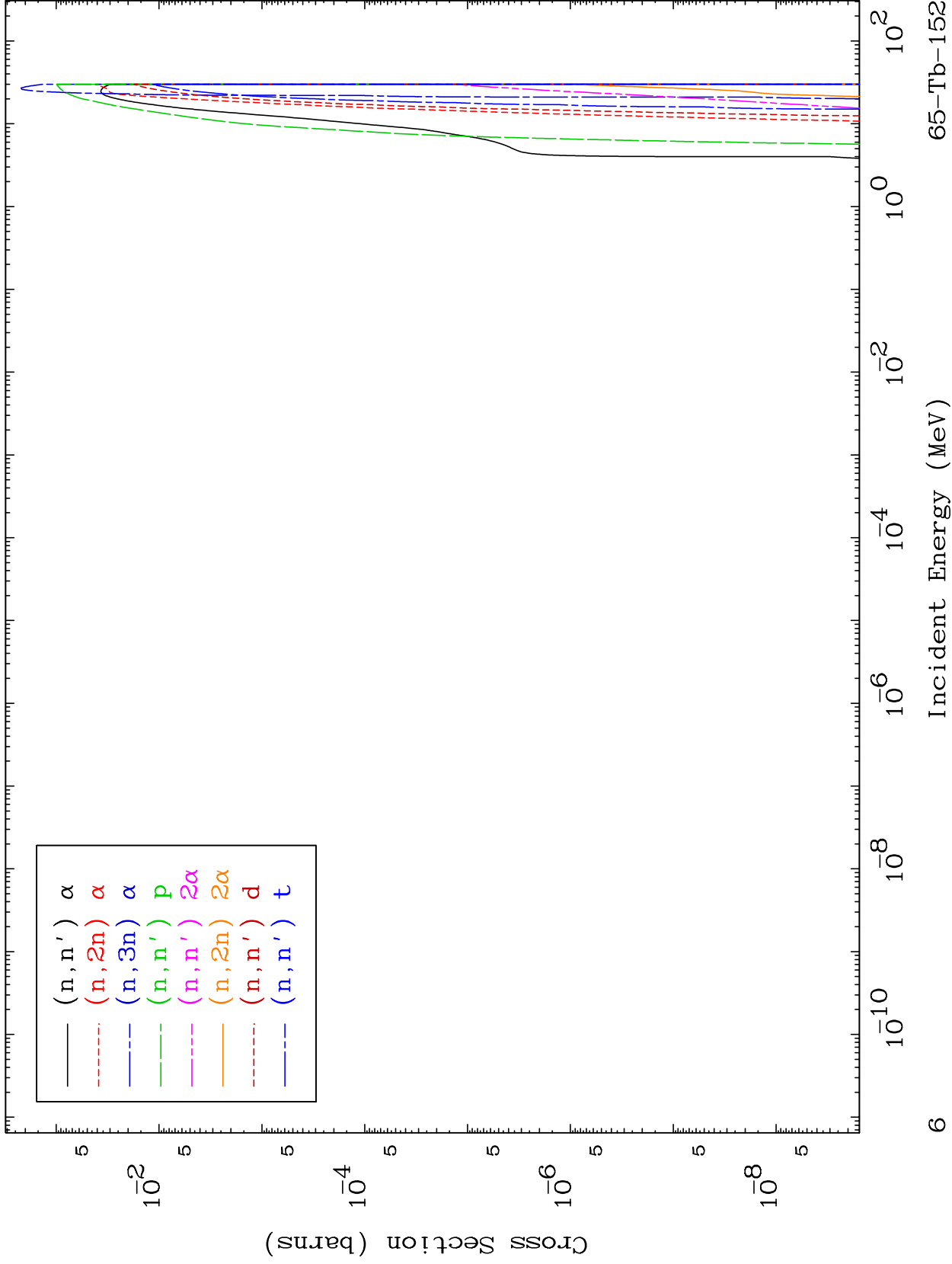
65-Tb-152



MAT 6504

Charged Particle  
293 Kelvin Cross Sections

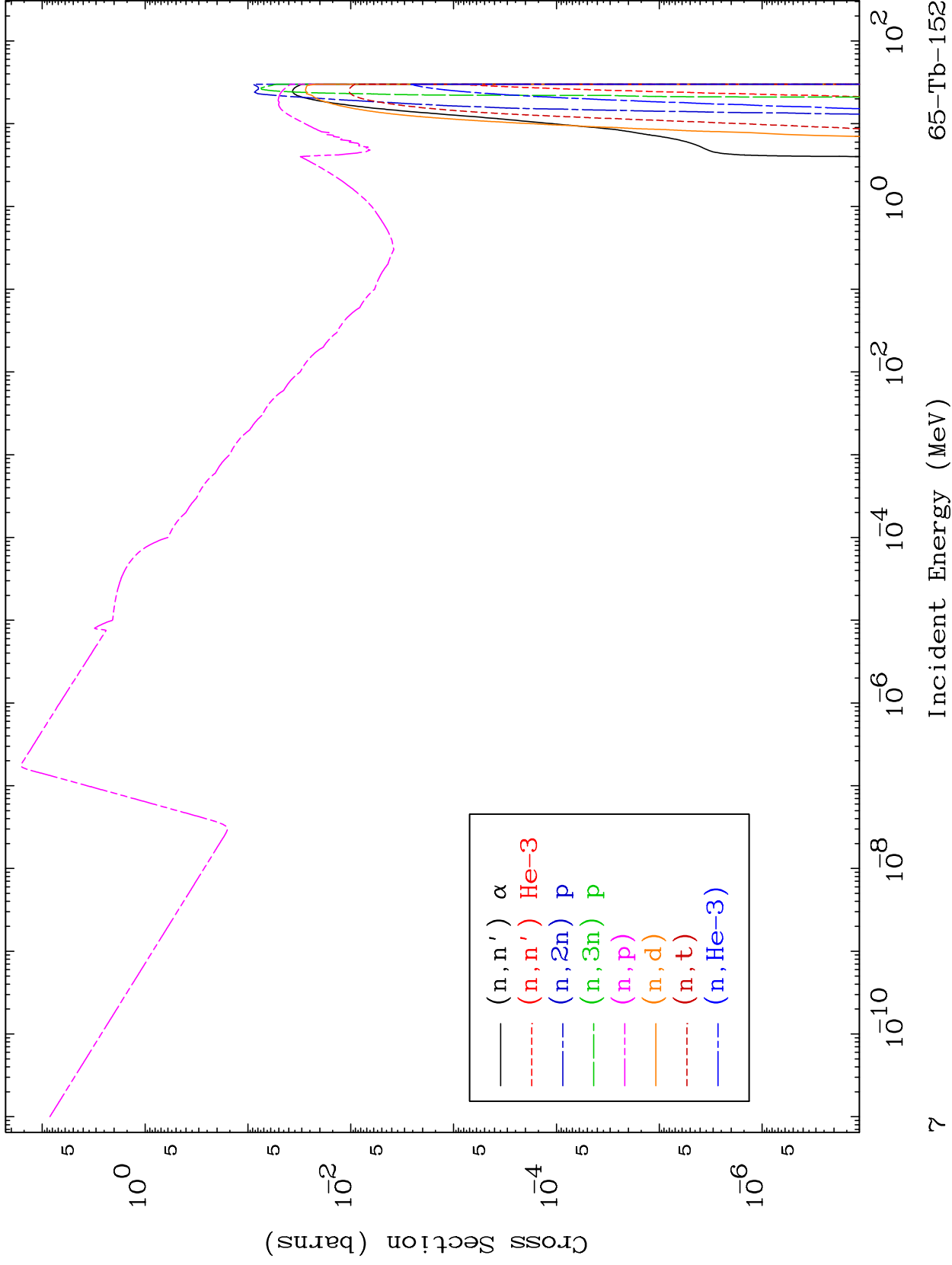
65-Tb-152



MAT 6504

Charged Particle  
293 Kelvin Cross Sections

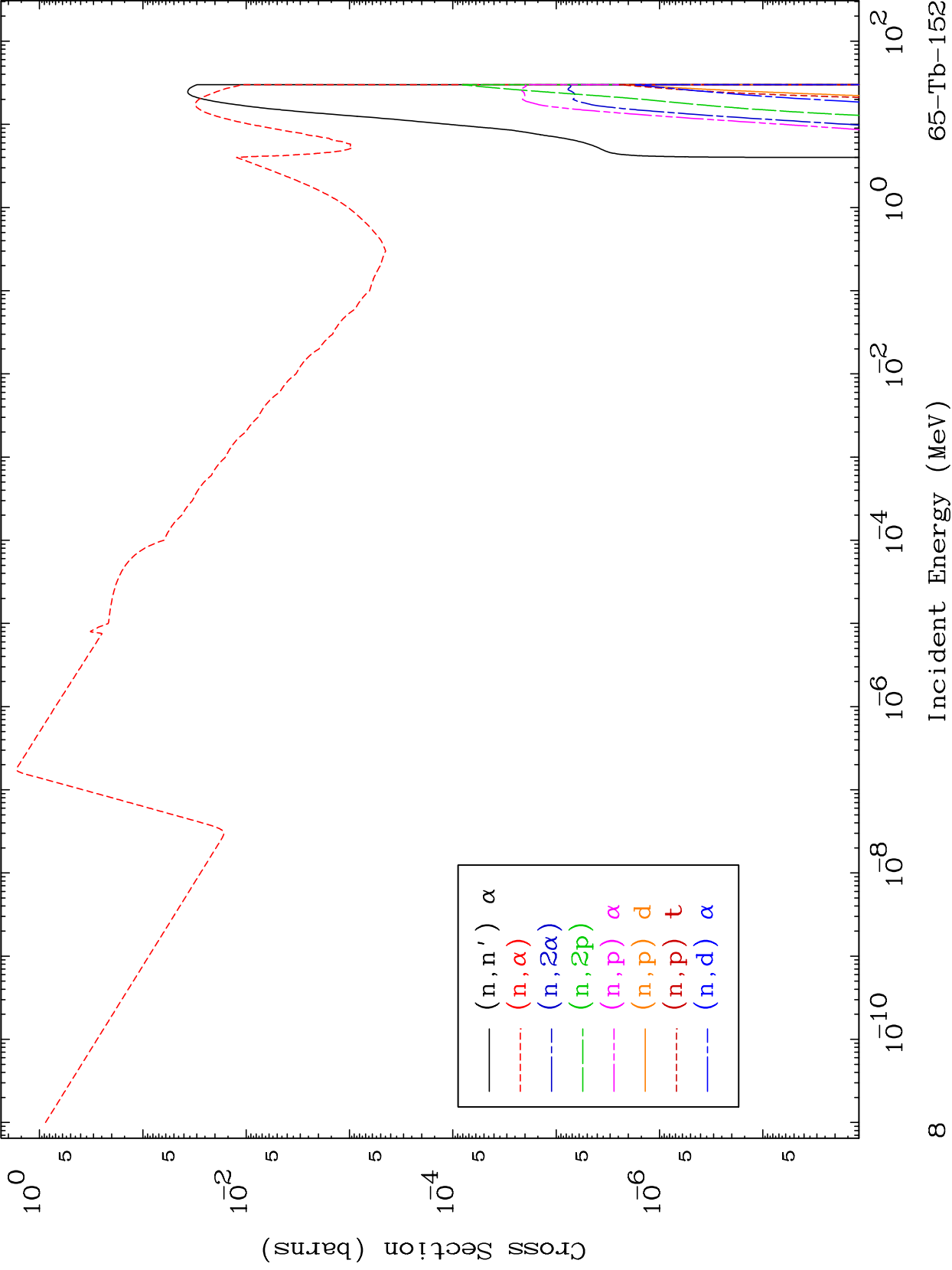
65-Tb-152



MAT 6504

Charged Particle  
293 Kelvin Cross Sections

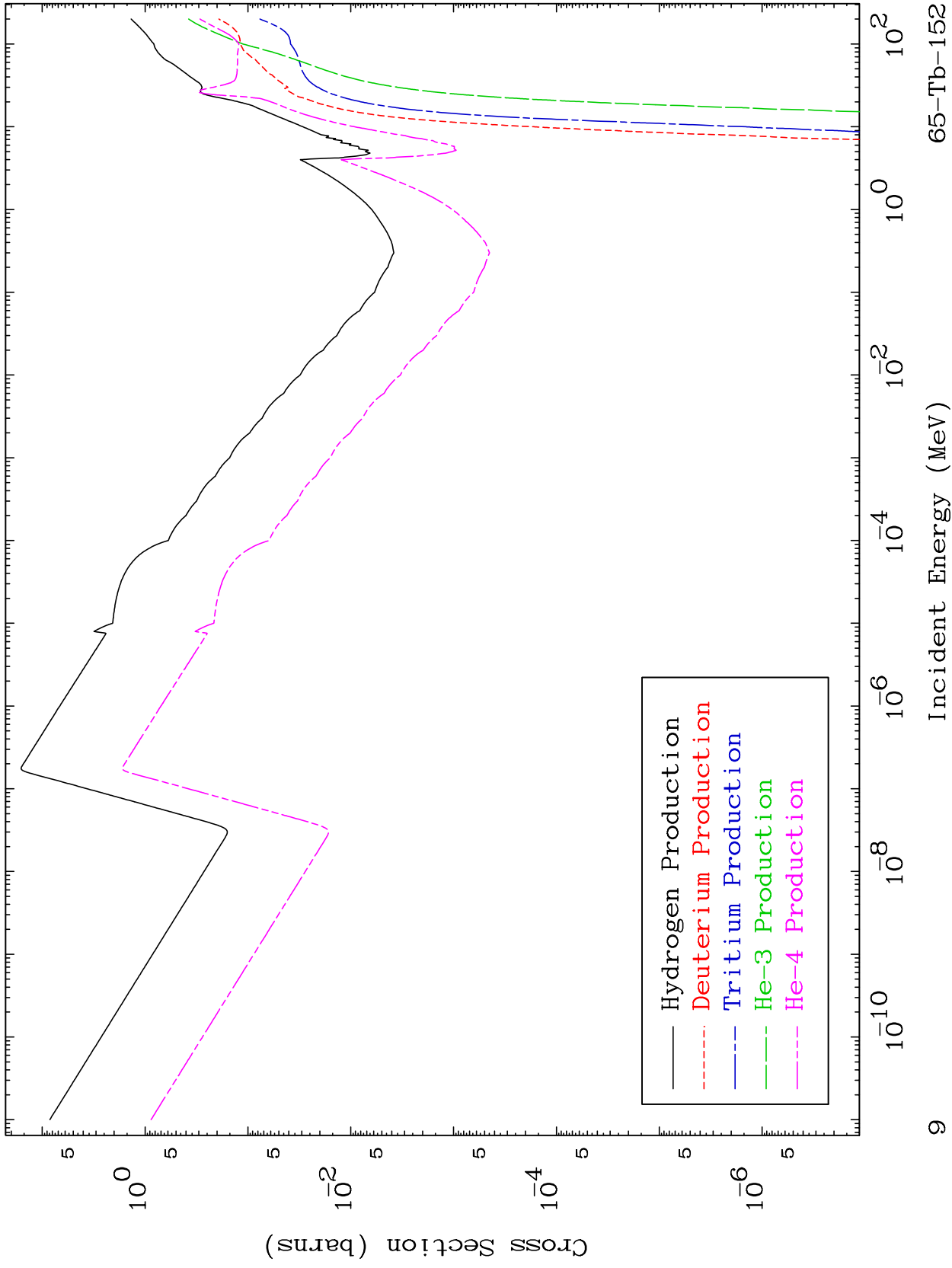
65-Tb-152



MAT 6504

Particle Production  
293 Kelvin Cross Sections

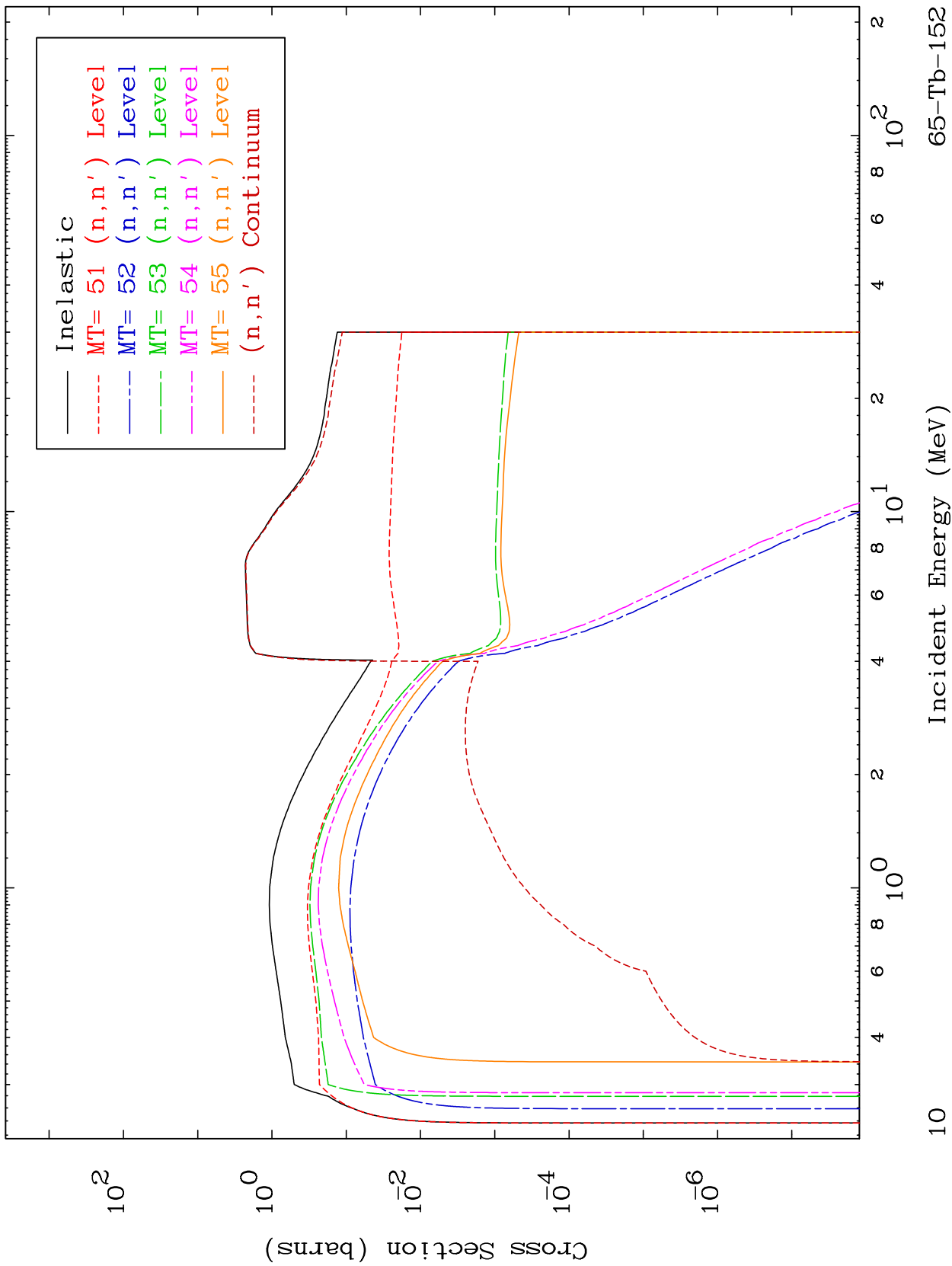
65-Tb-152



MAT 6504

(n,n') Levels  
293 Kelvin Cross Sections

65-Tb-152



10

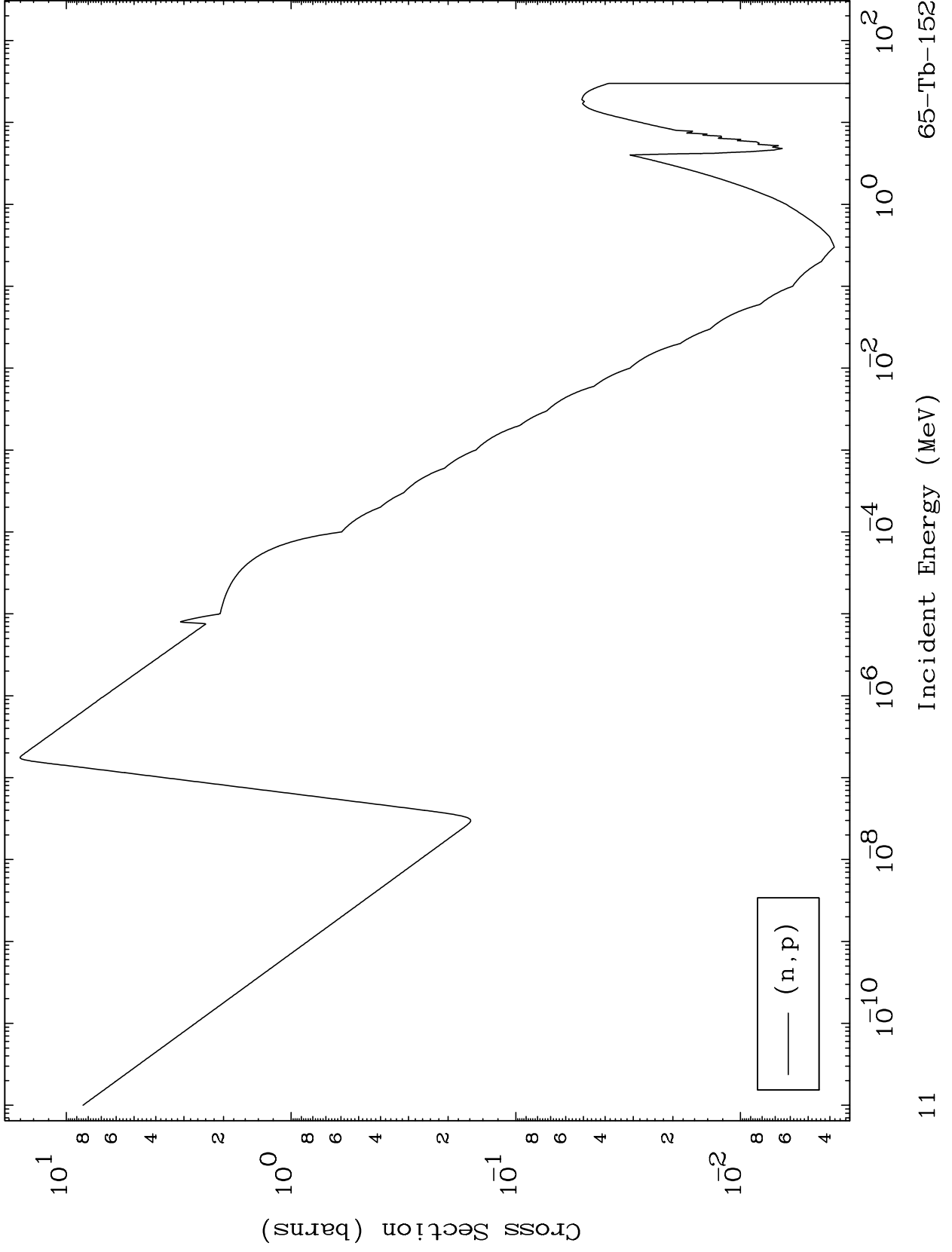
Incident Energy (MeV)

65-Tb-152

MAT 6504

(n,p) Levels  
293 Kelvin Cross Sections

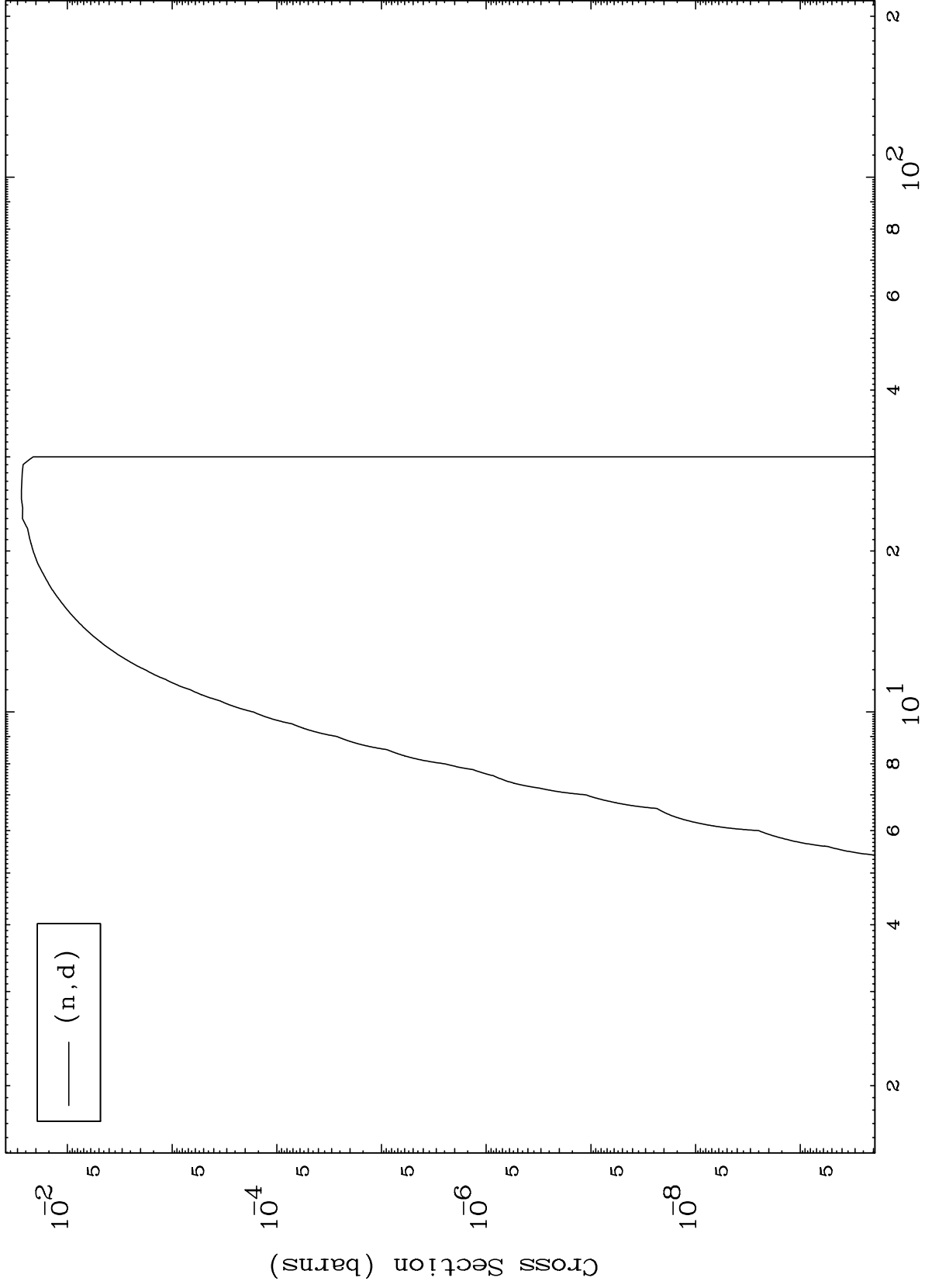
65-Tb-152



MAT 6504

(n,d) Levels  
293 Kelvin Cross Sections

65-Tb-152



12

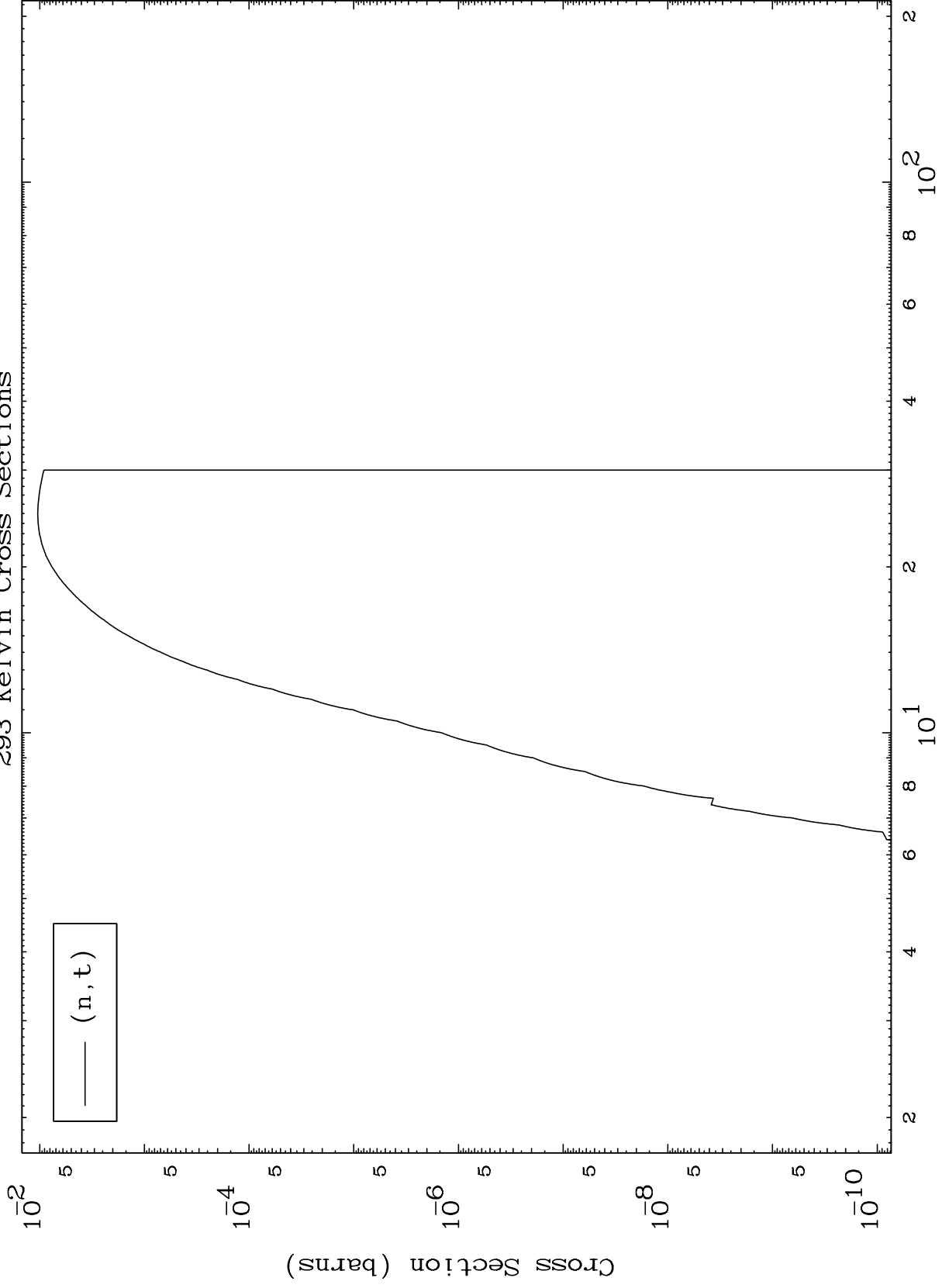
Incident Energy (MeV)

65-Tb-152

MAT 6504

(n,t) Levels  
293 Kelvin Cross Sections

65-Tb-152



13

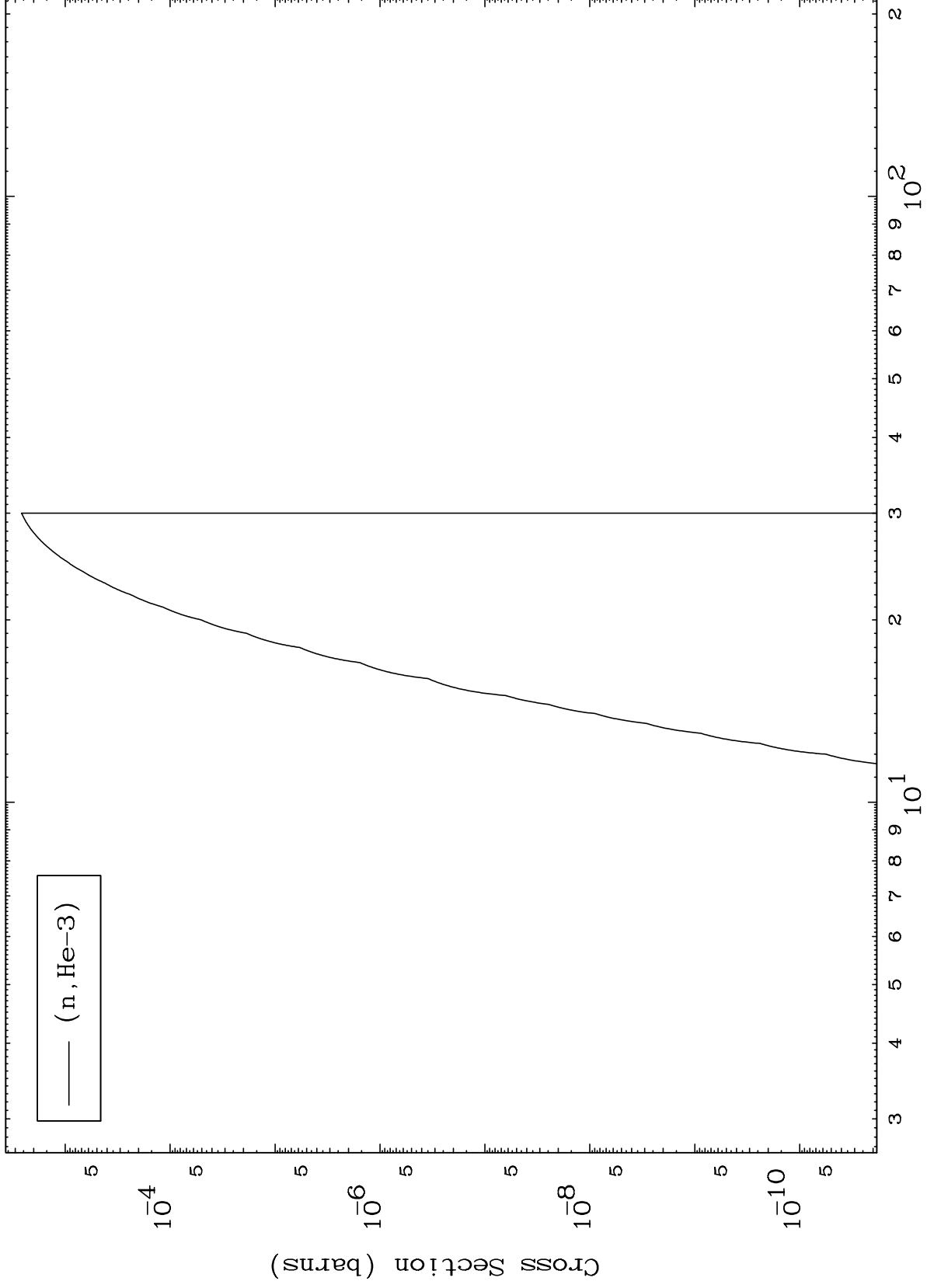
Incident Energy (MeV)

65-Tb-152

MAT 6504

(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-152



14

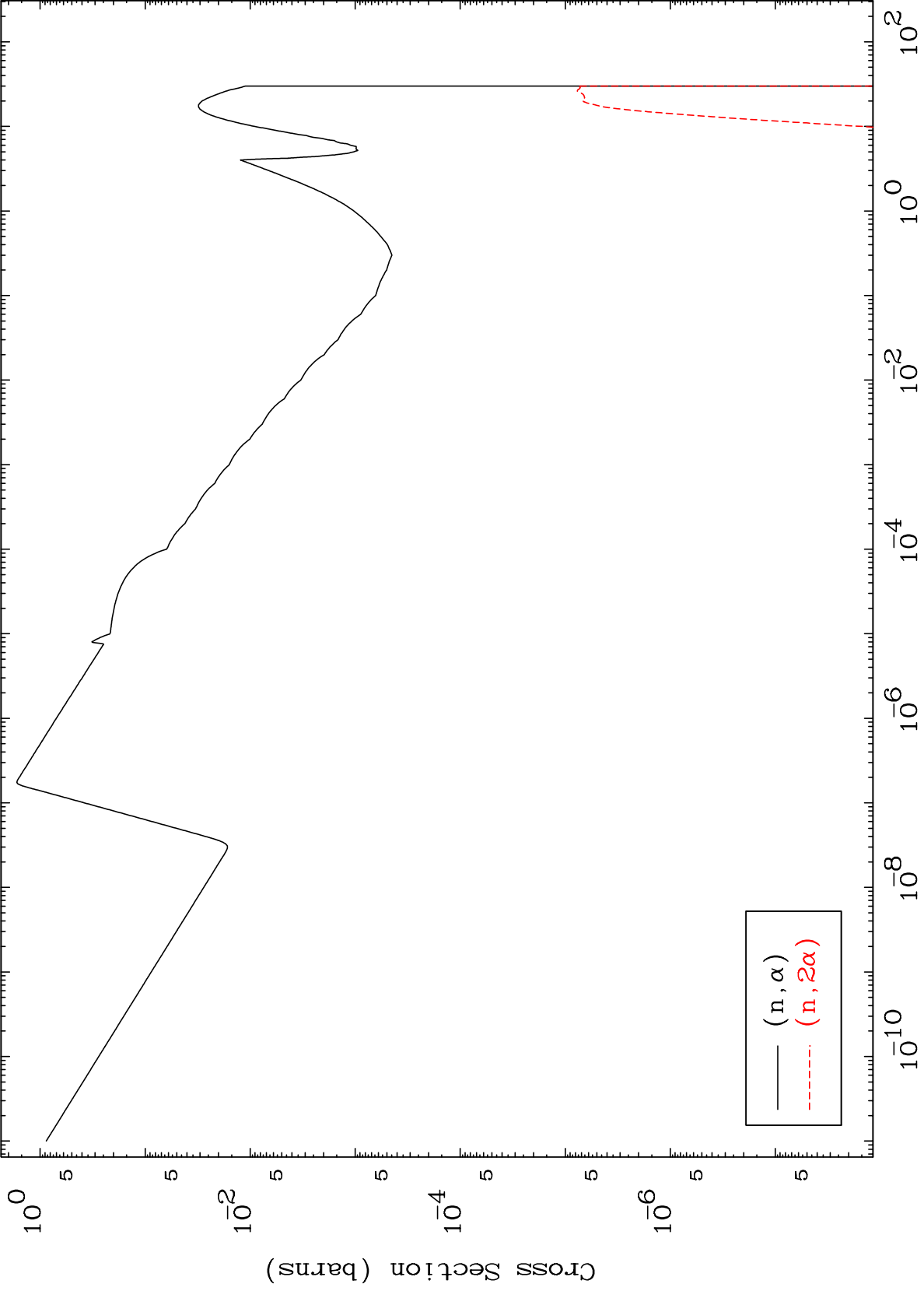
Incident Energy (MeV)

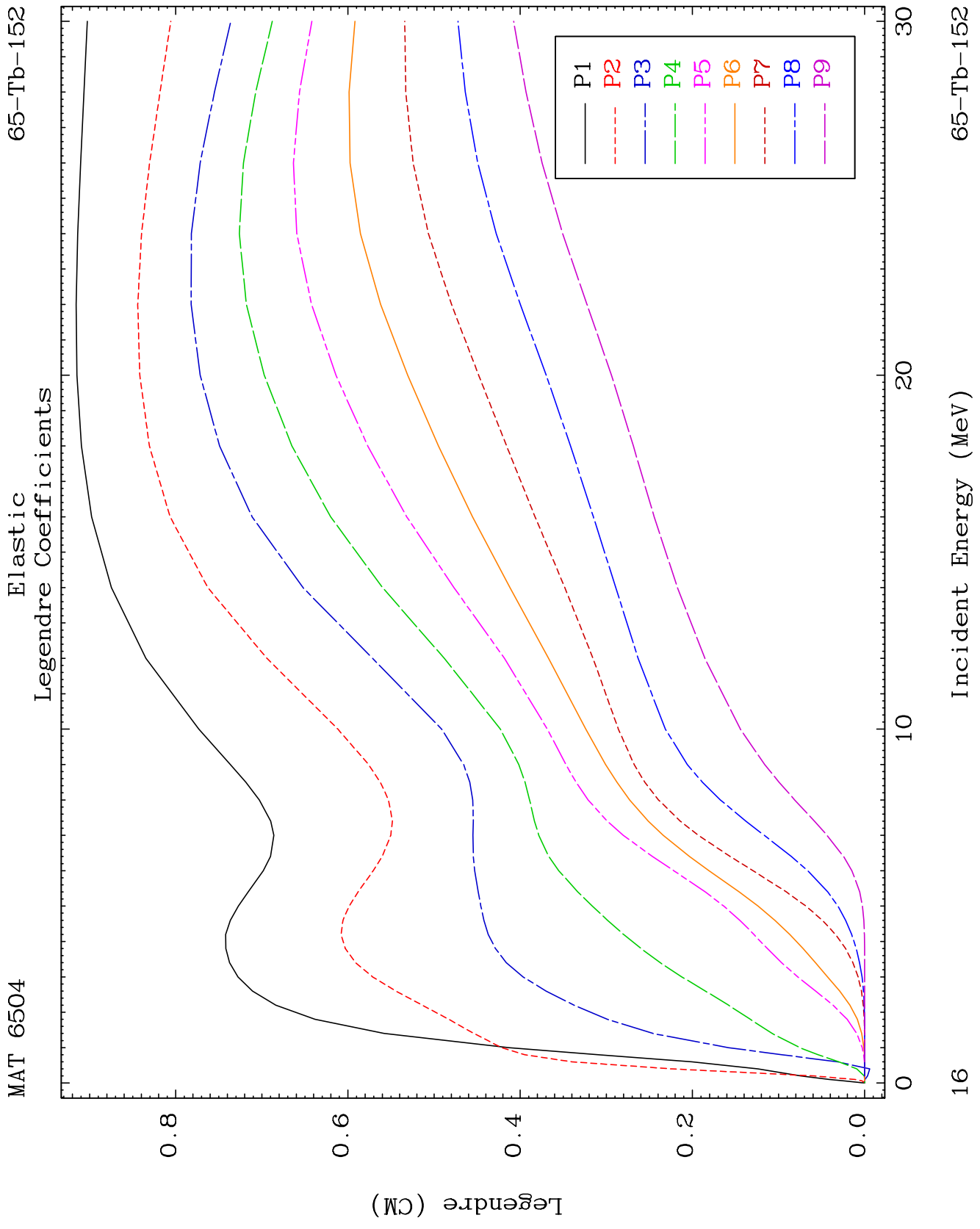
65-Tb-152

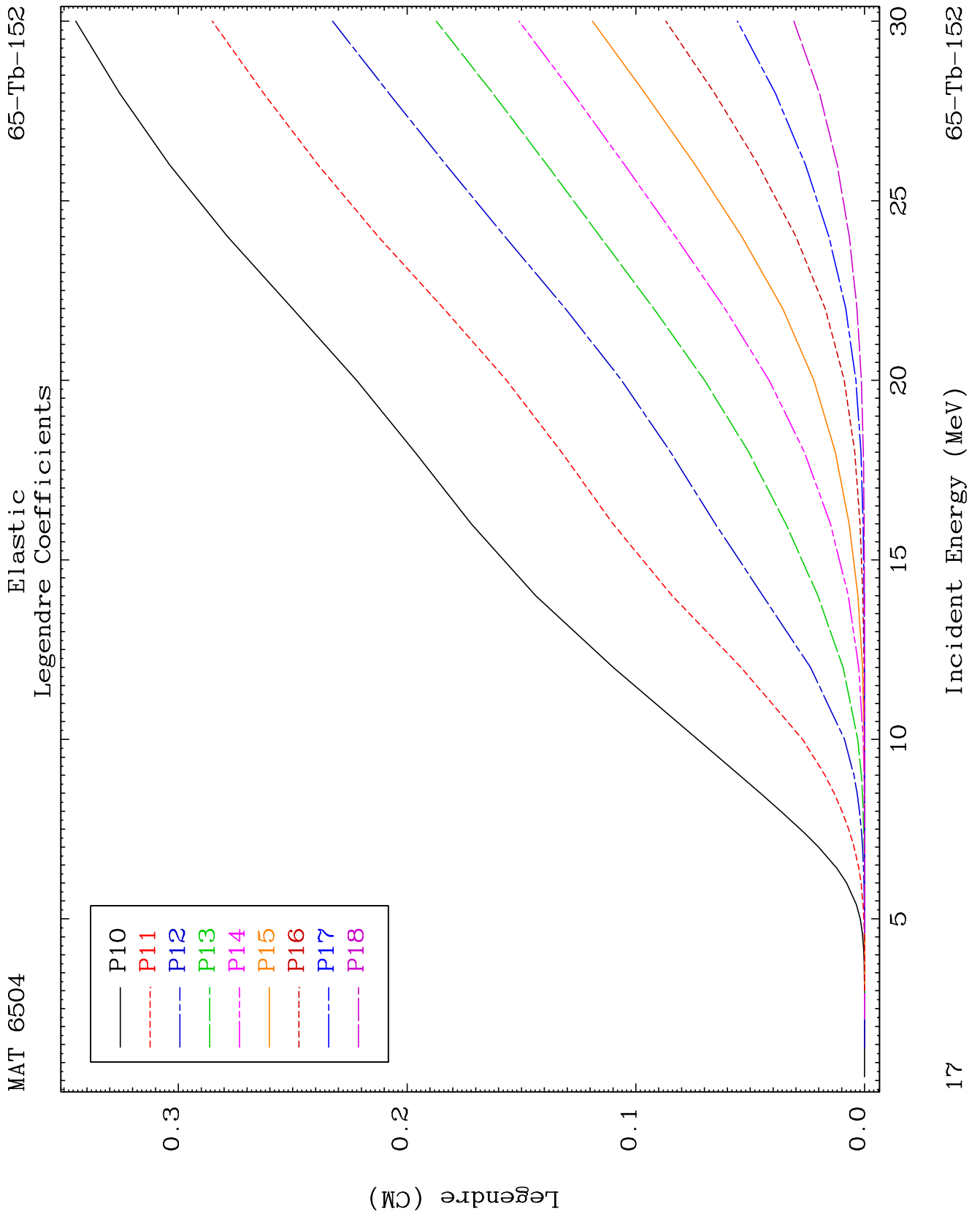
MAT 6504

(n,α) Levels  
293 Kelvin Cross Sections

65-Tb-152



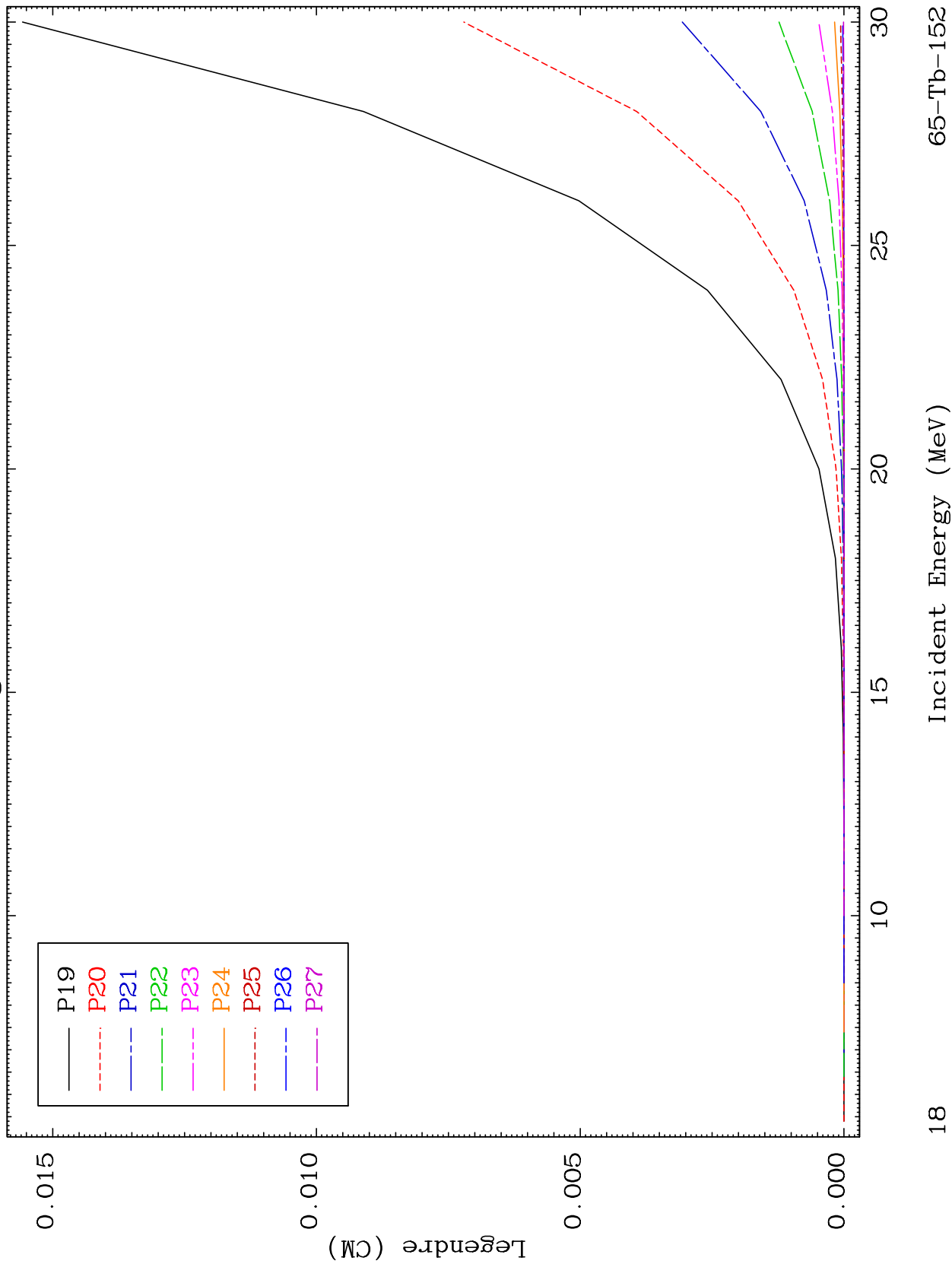




MAT 6504

### Elastic Legendre Coefficients

65-Tb-152



18

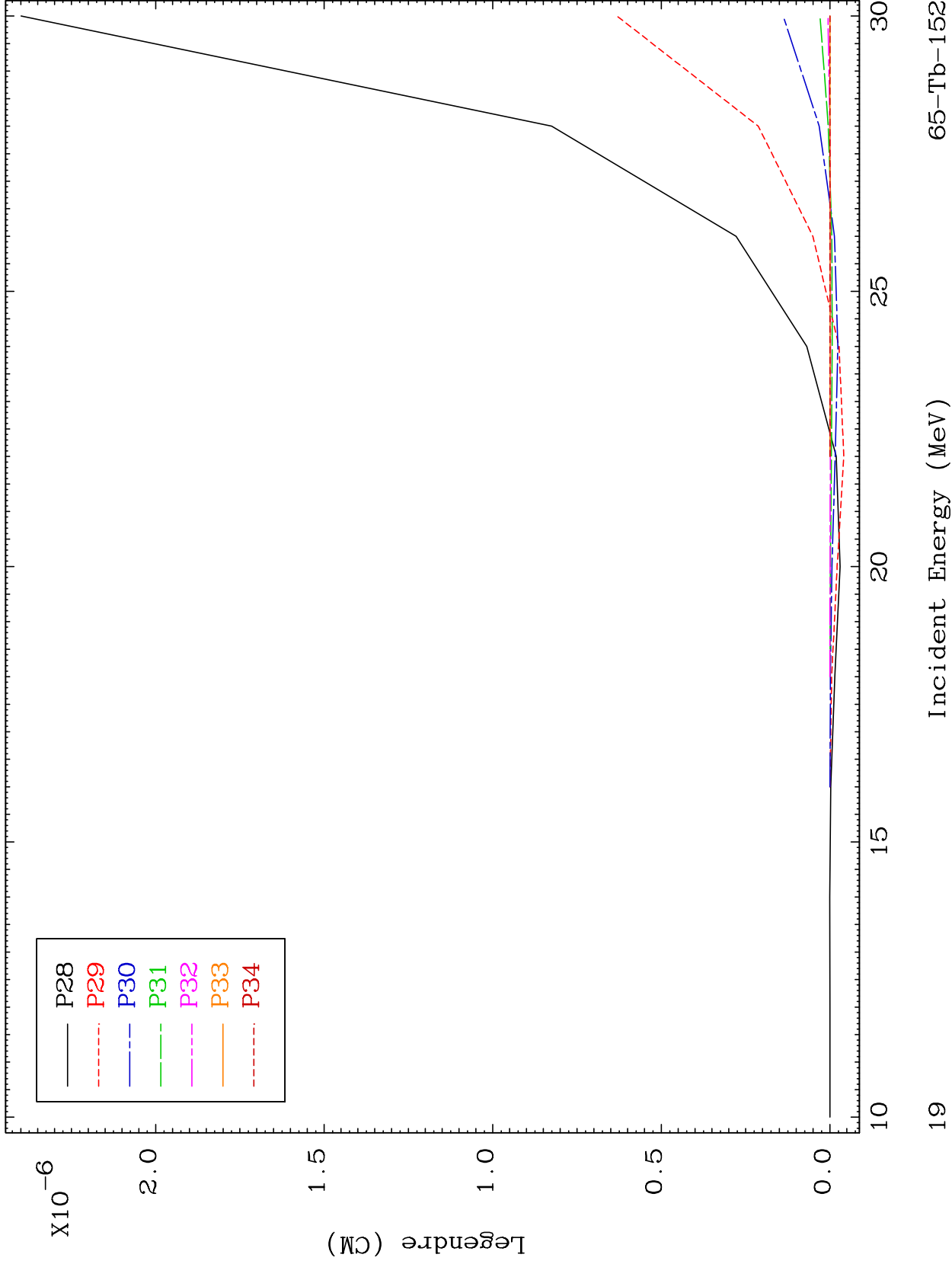
Incident Energy (MeV)

65-Tb-152

MAT 6504

Elastic  
Legendre Coefficients

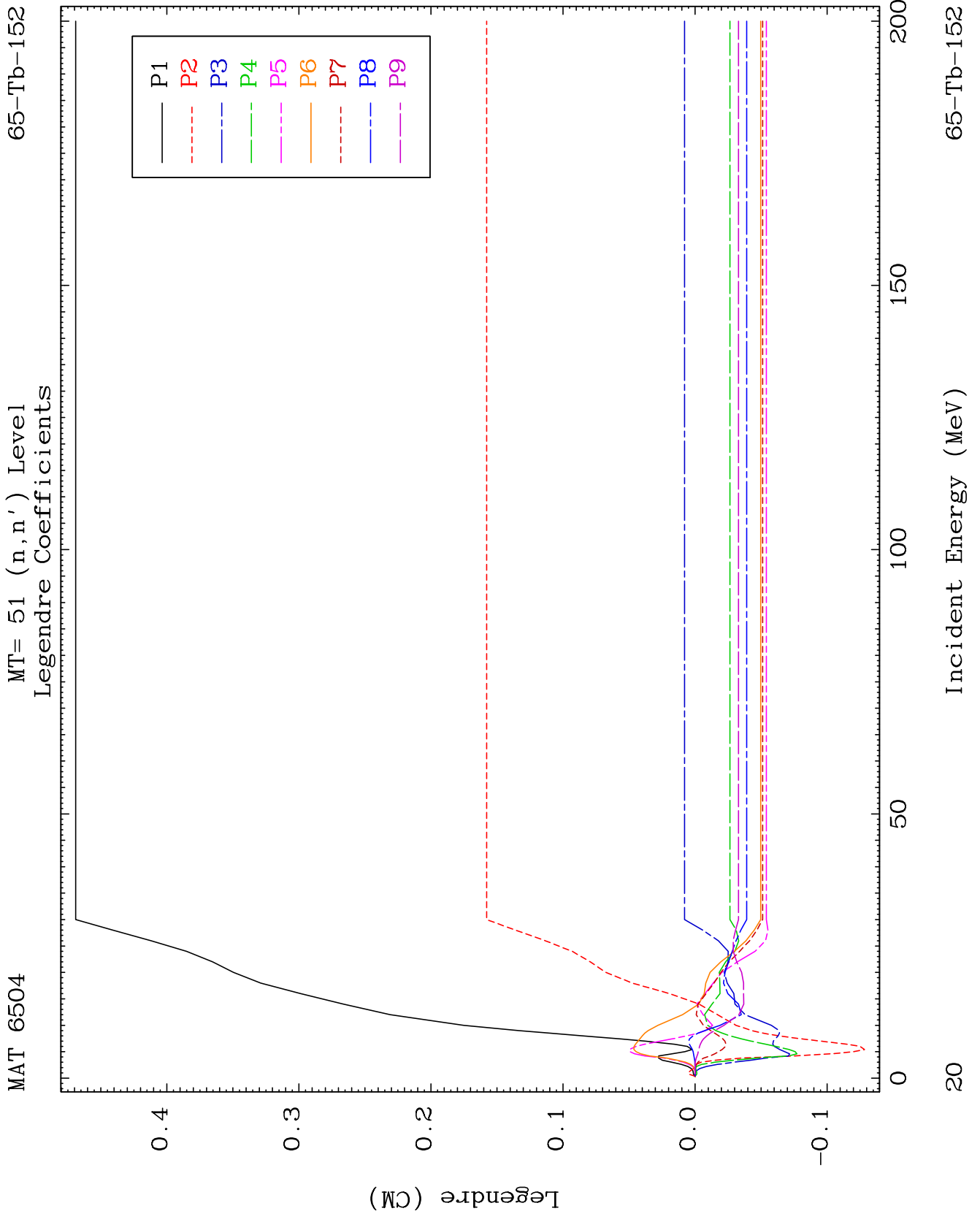
65-Tb-152



19

Incident Energy (MeV)

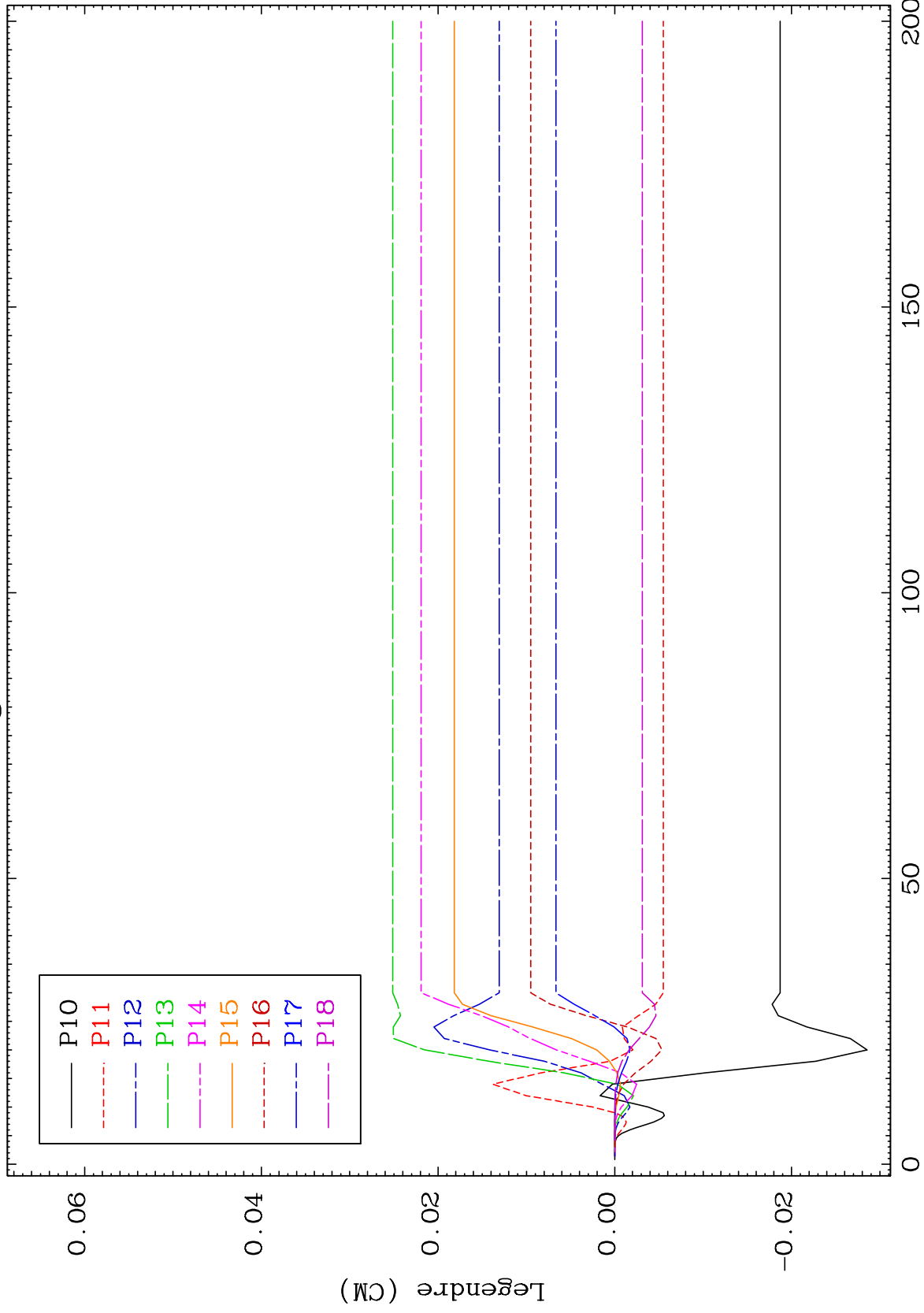
65-Tb-152



MAT 6504

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

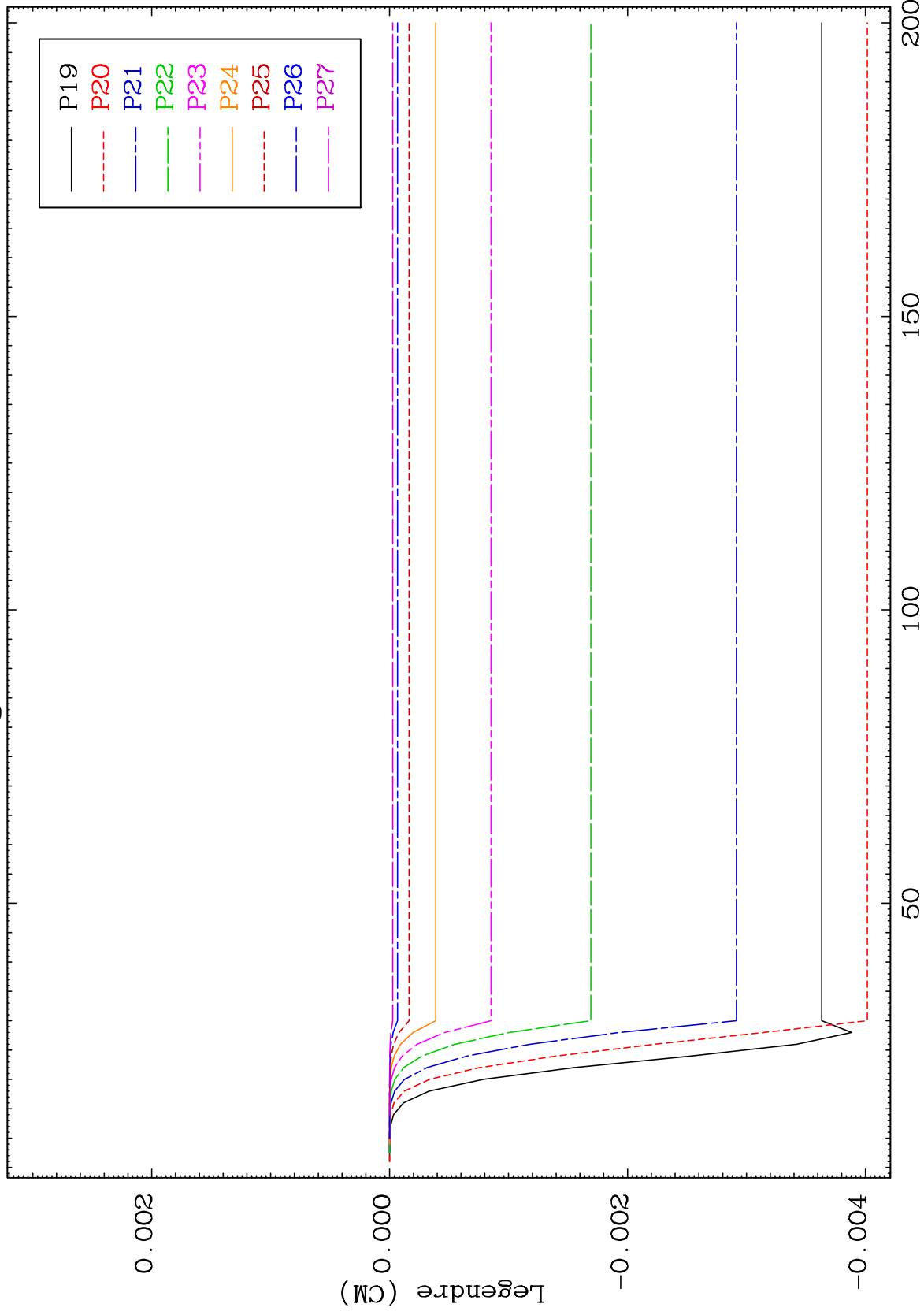
65-Tb-152



MAT 6504

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

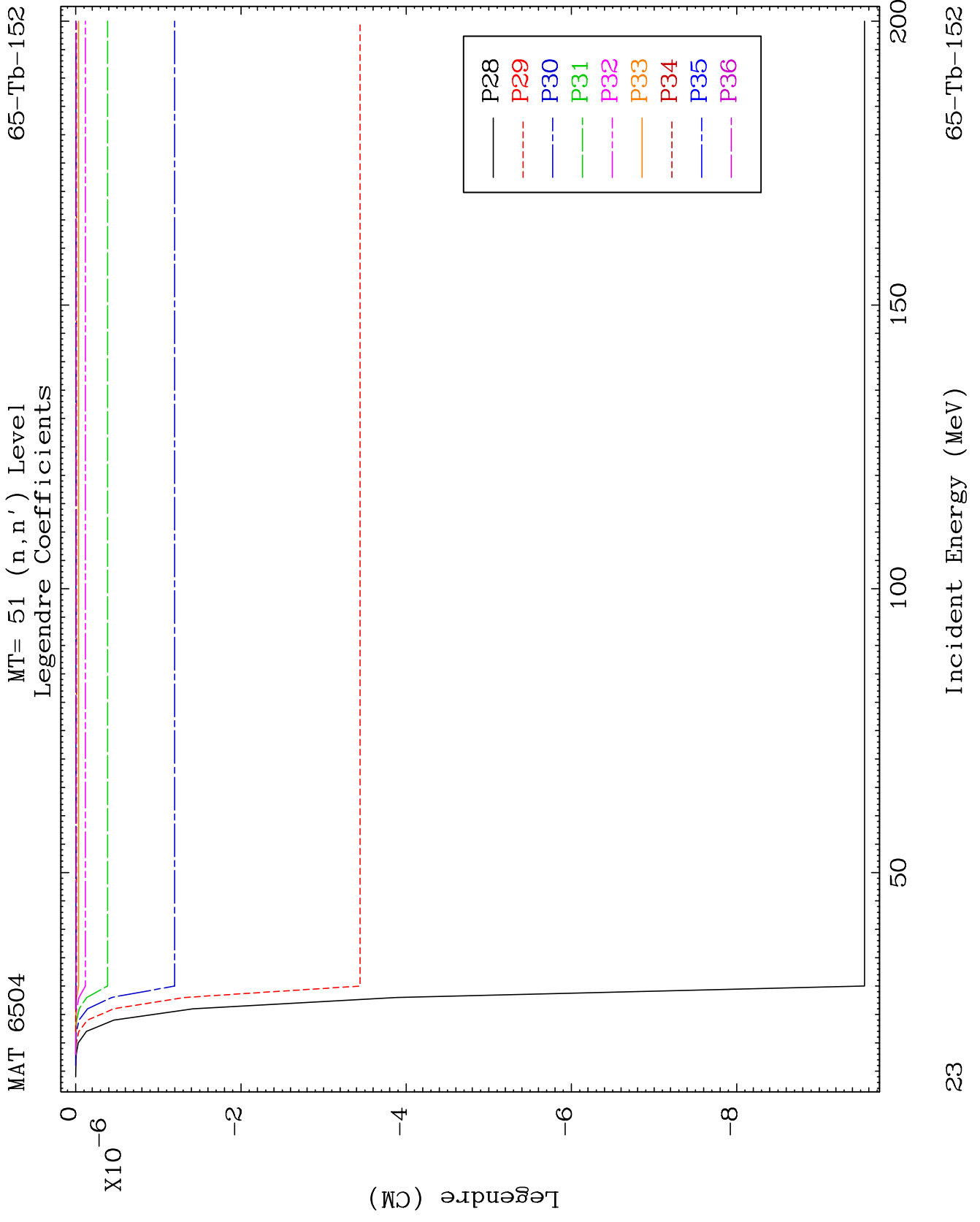
65-Tb-152



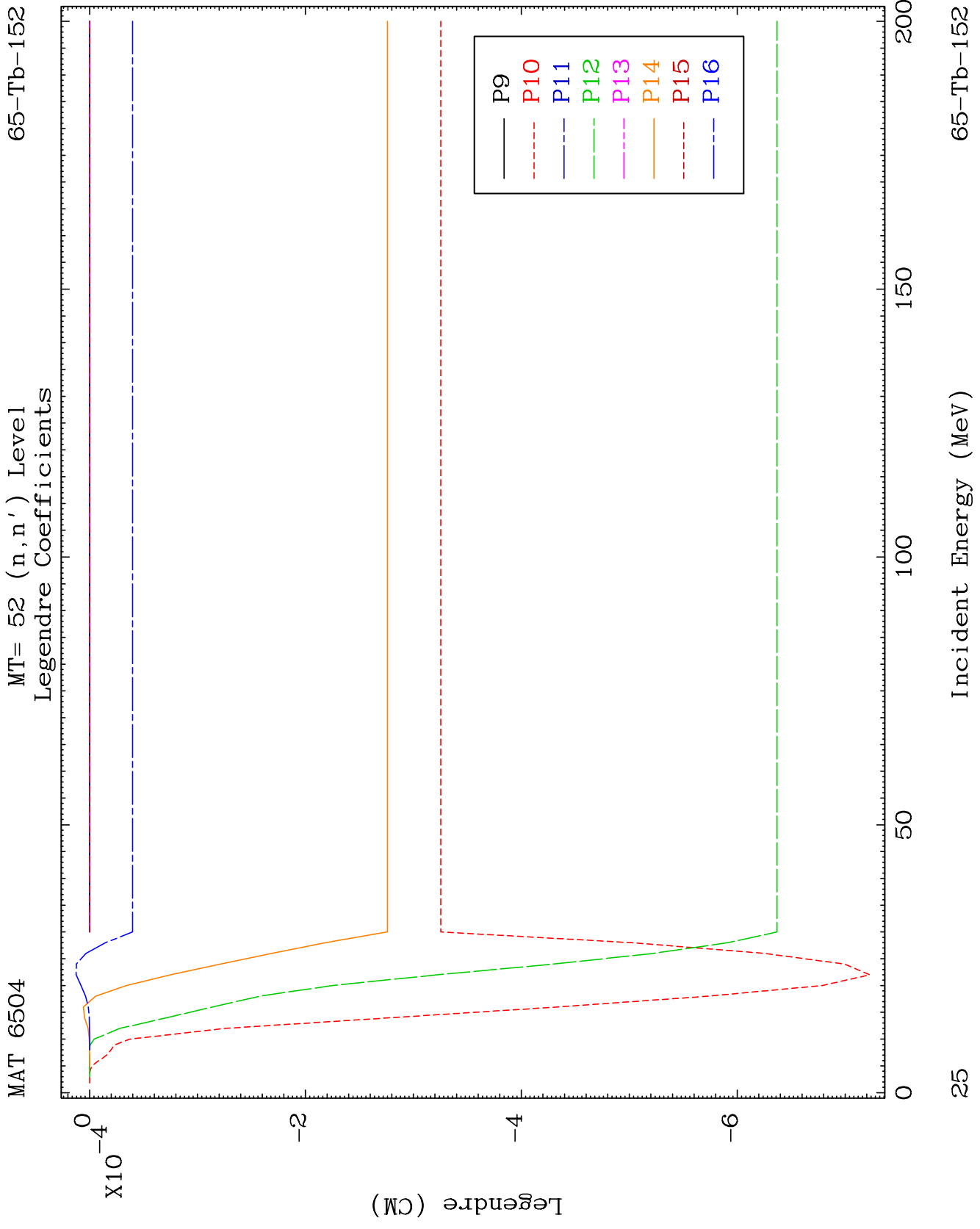
22

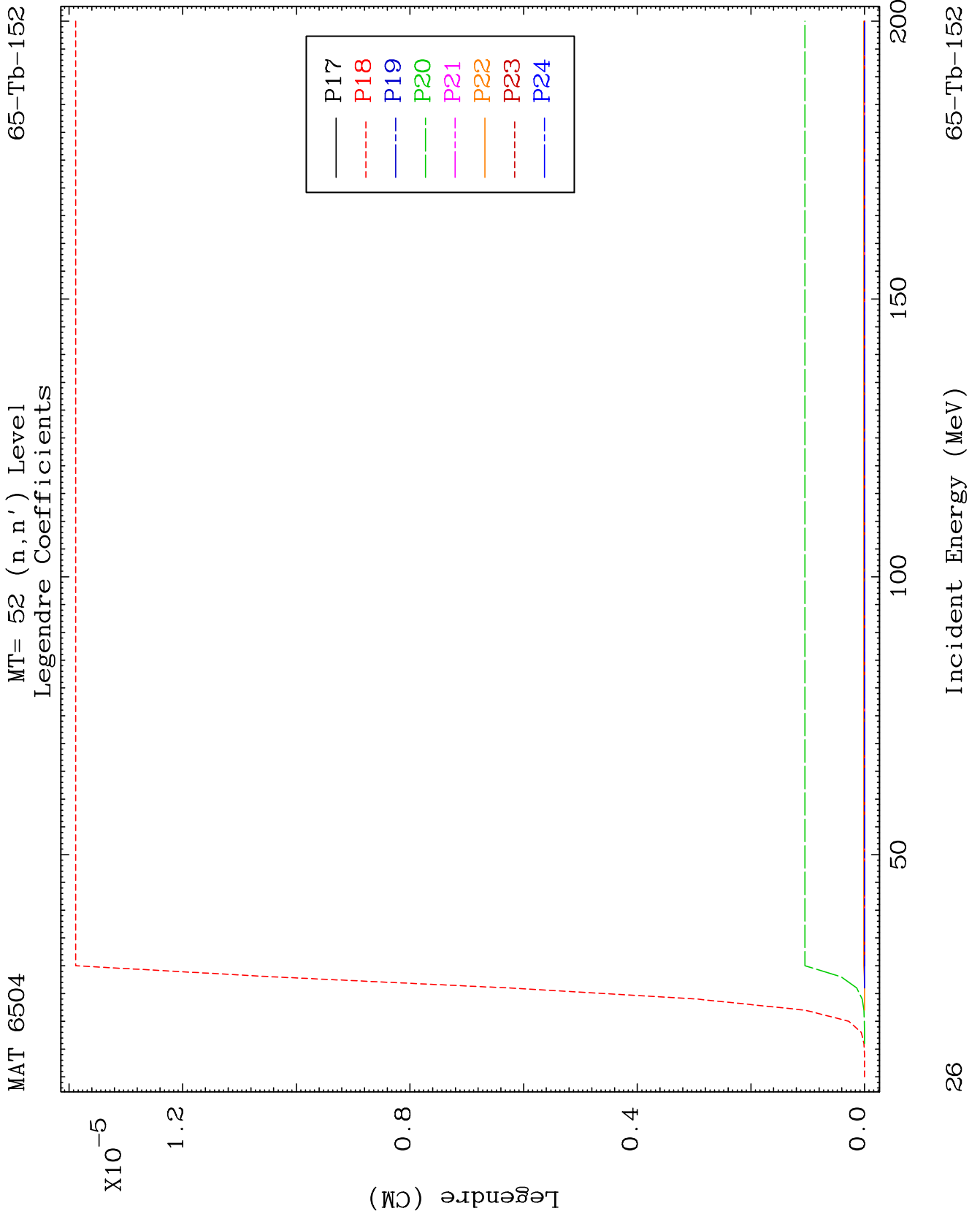
Incident Energy (MeV)

65-Tb-152





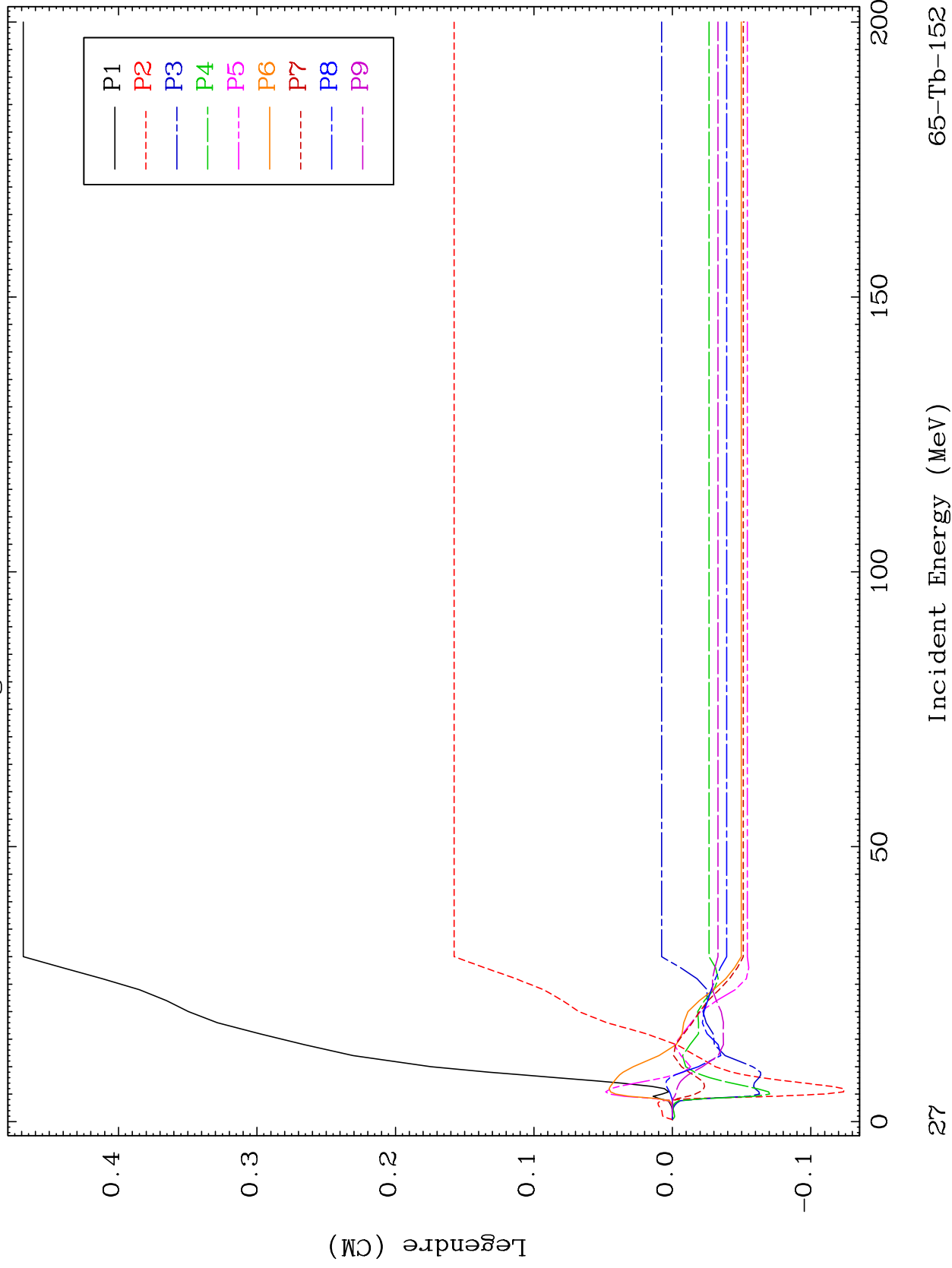




MAT 6504

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

65-Tb-152



27

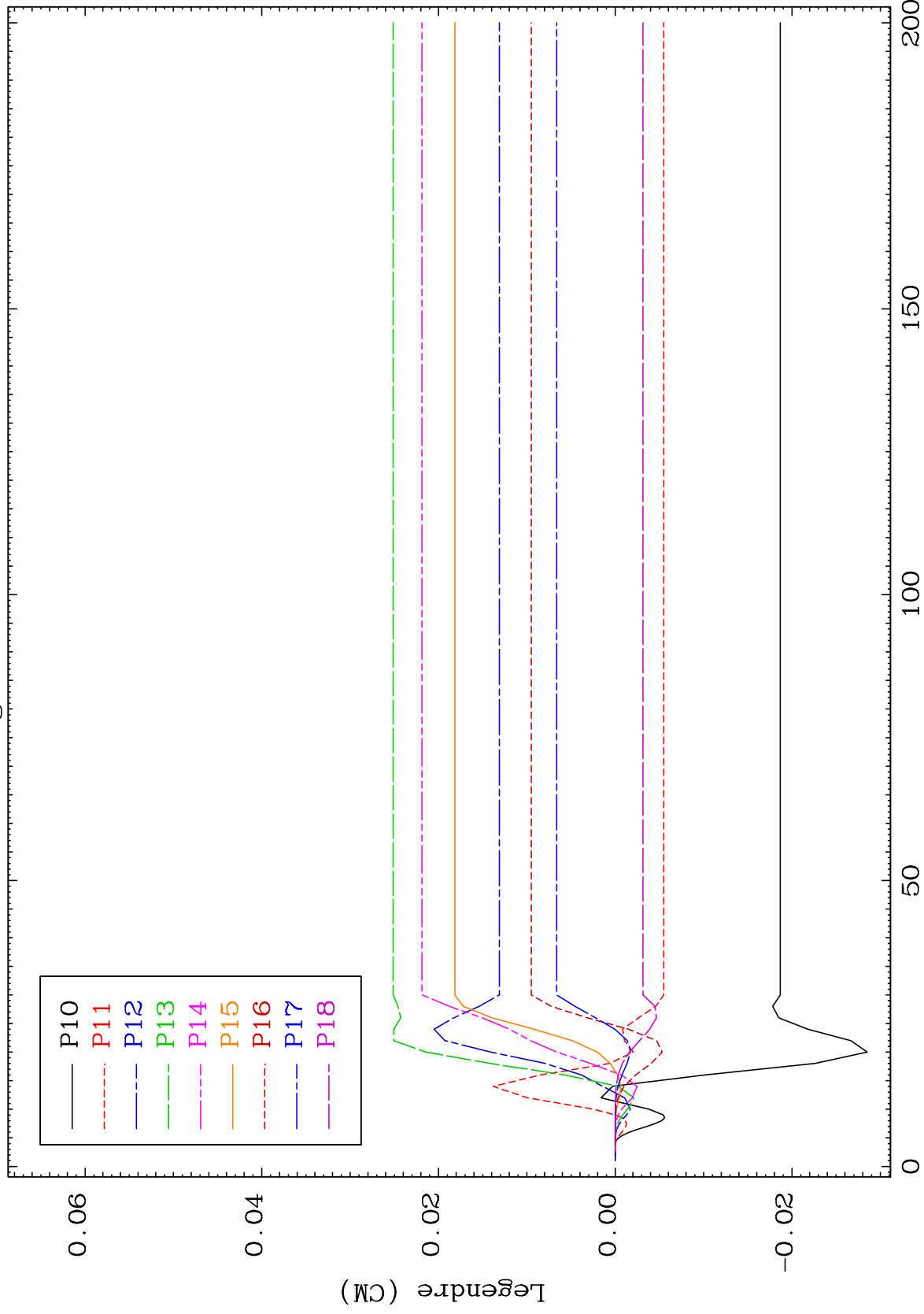
Incident Energy (MeV)

65-Tb-152

MAT 6504

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

65-Tb-152



28

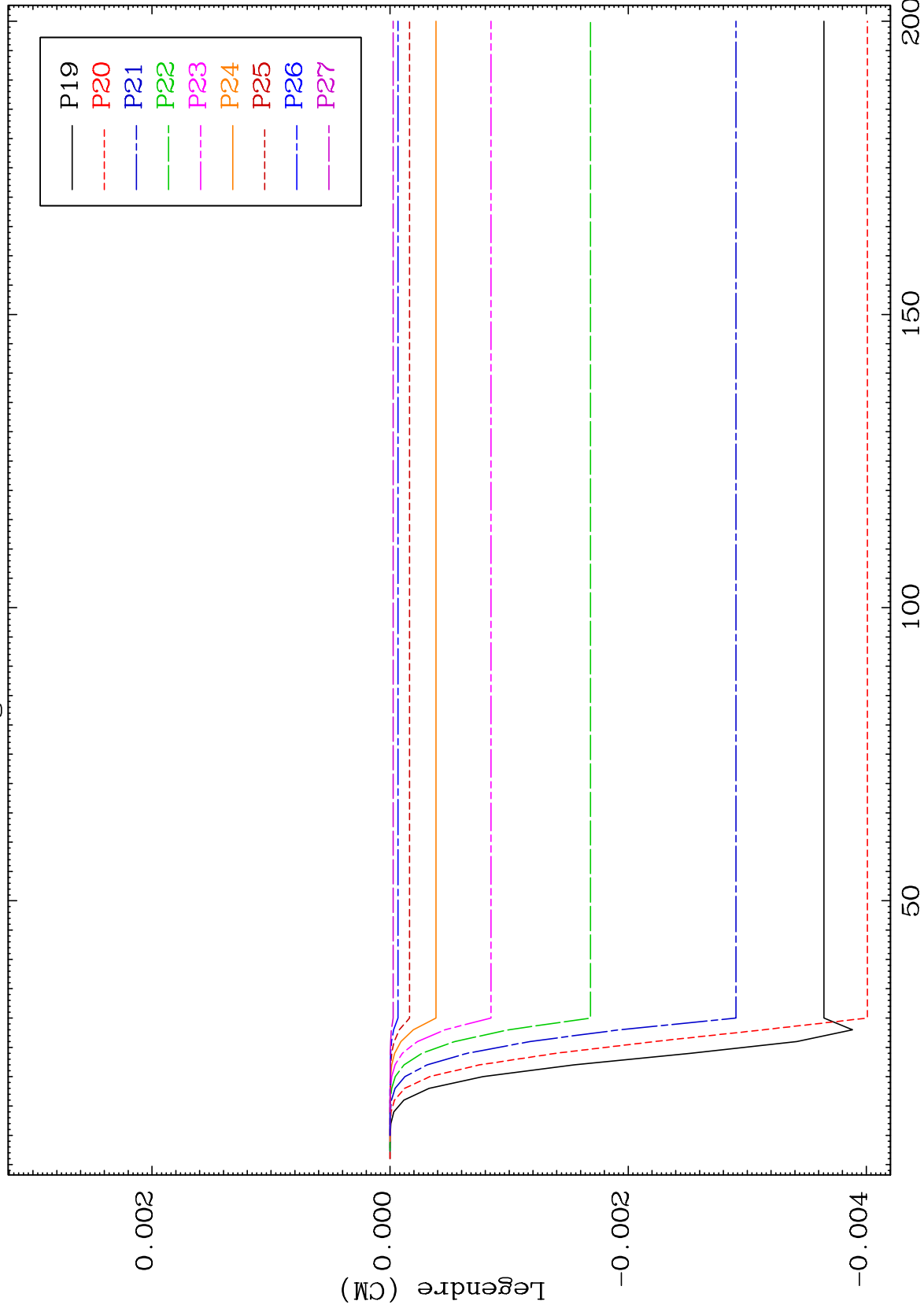
Incident Energy (MeV)

65-Tb-152

MAT 6504

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

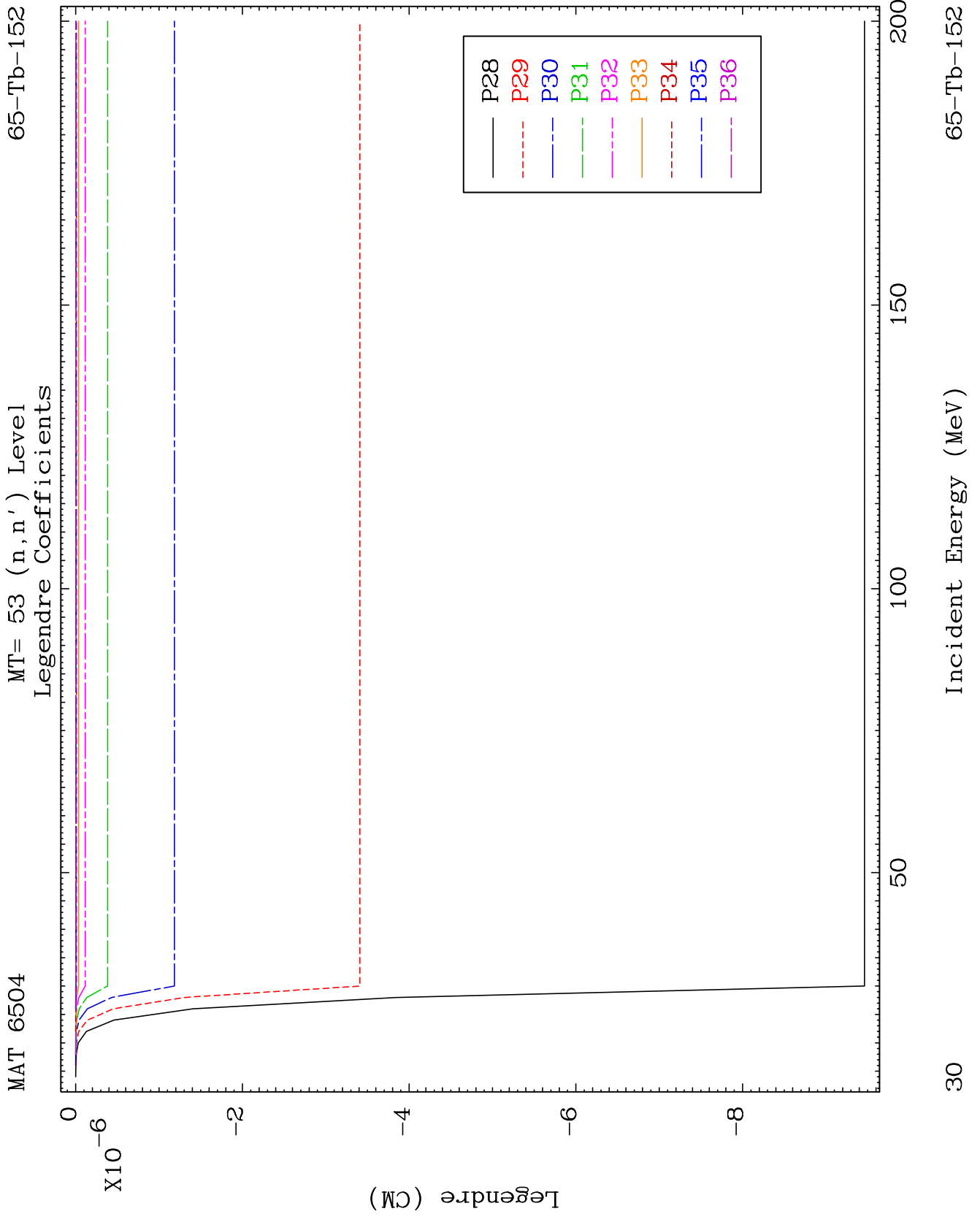
65-Tb-152



29

Incident Energy (MeV)

65-Tb-152

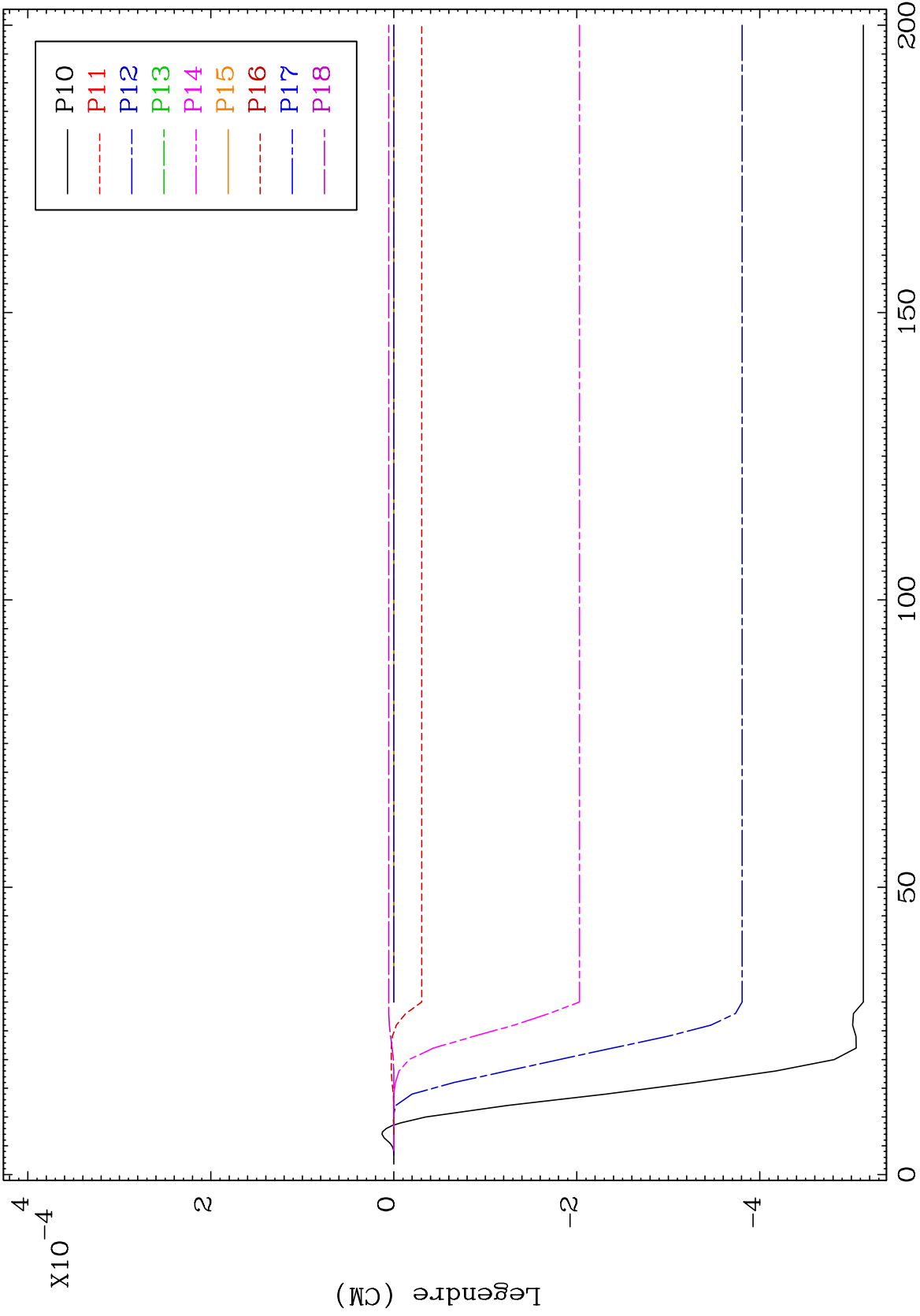




MAT 6504

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

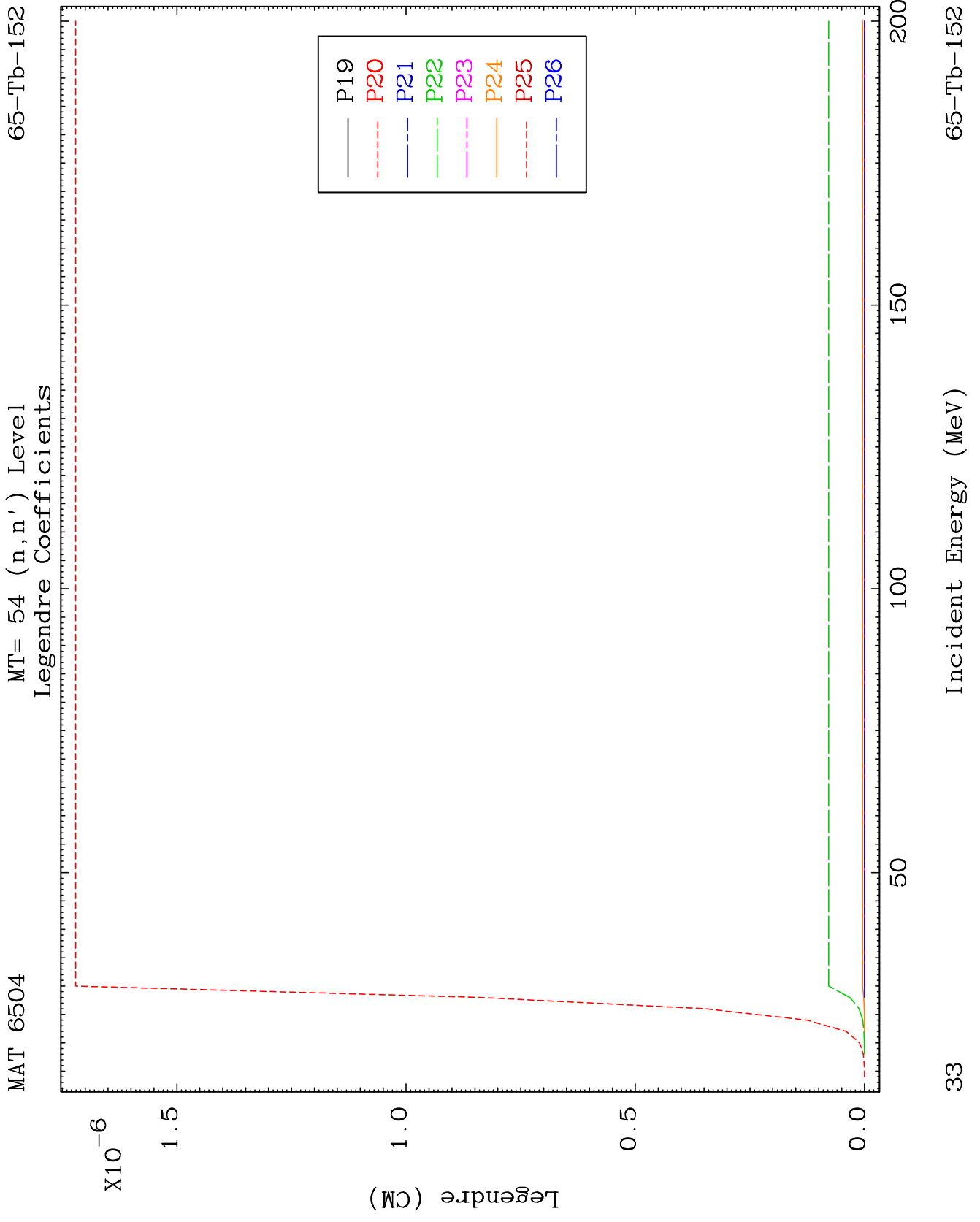
65-Tb-152



32

Incident Energy (MeV)

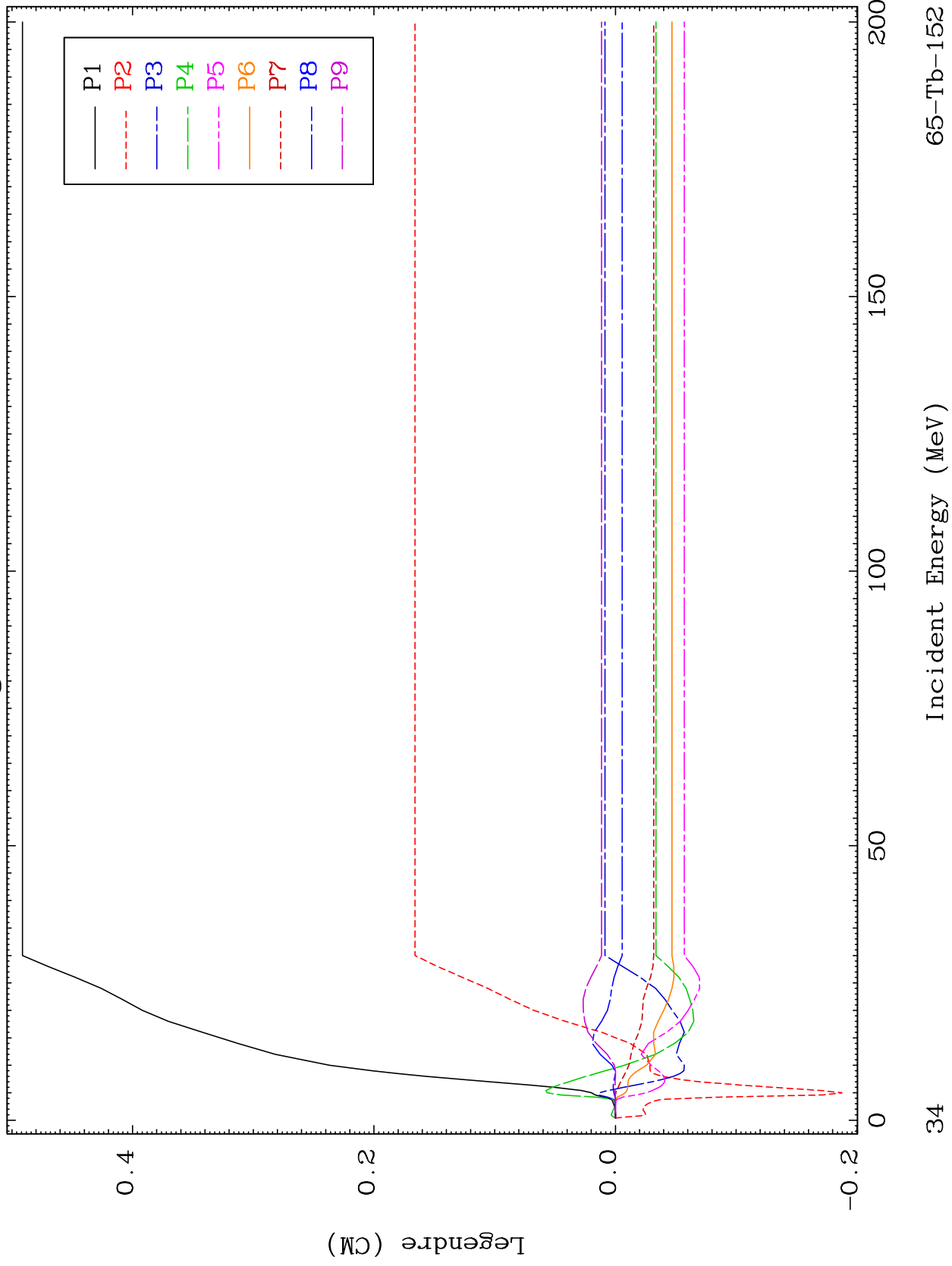
65-Tb-152



MAT 6504

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

65-Tb-152



34

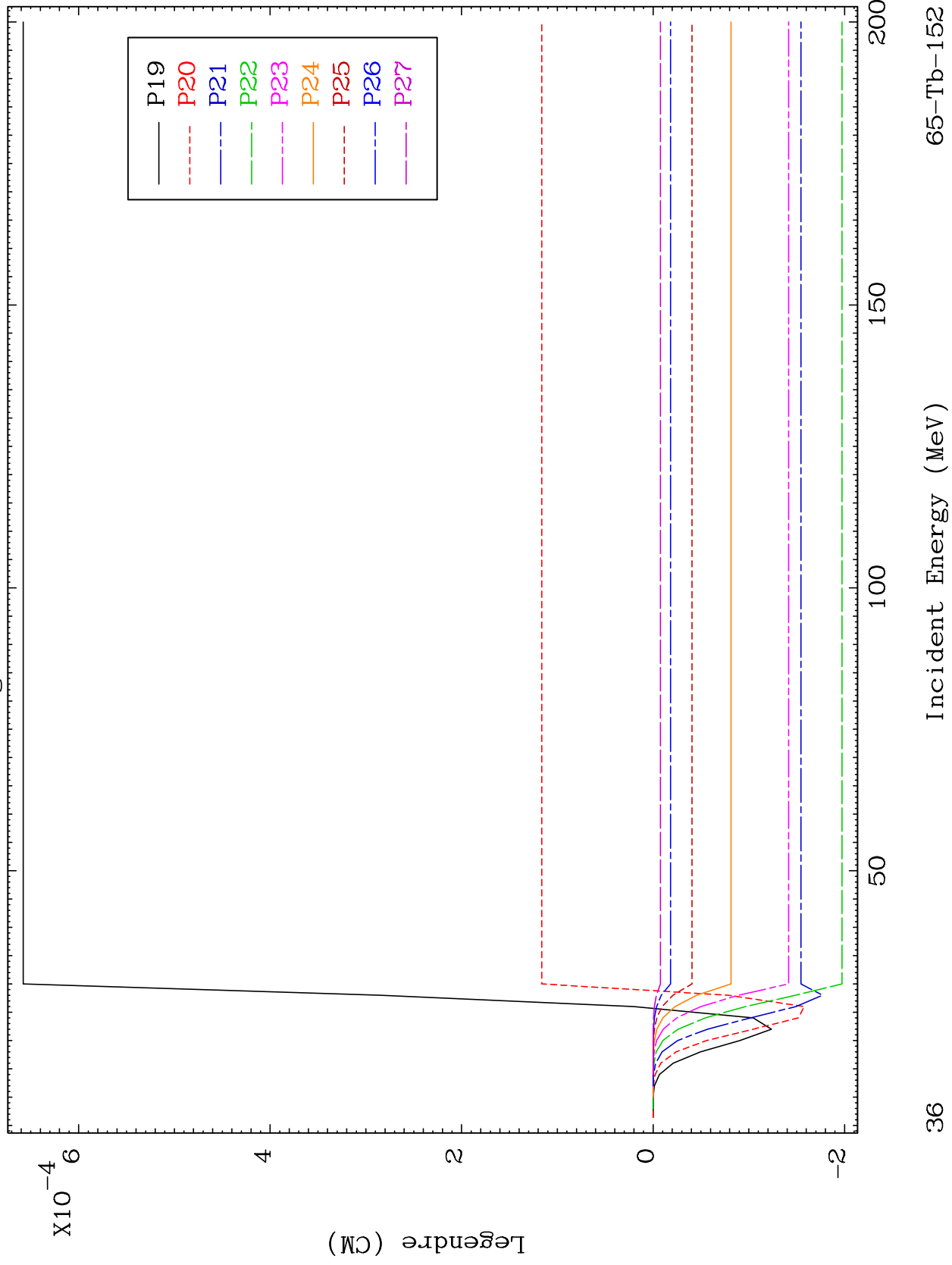
65-Tb-152



MAT 6504

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

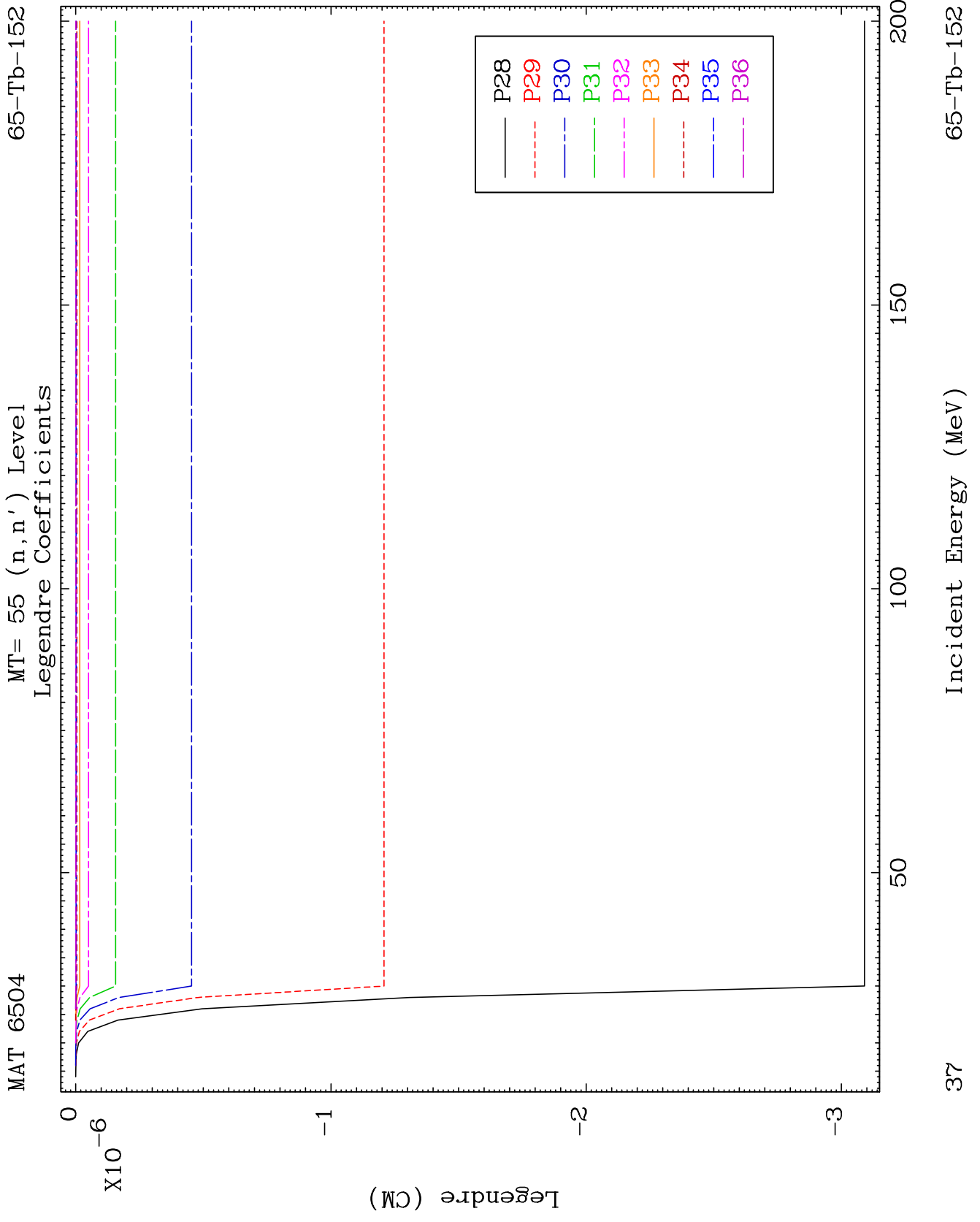
65-Tb-152



36

Incident Energy (MeV)

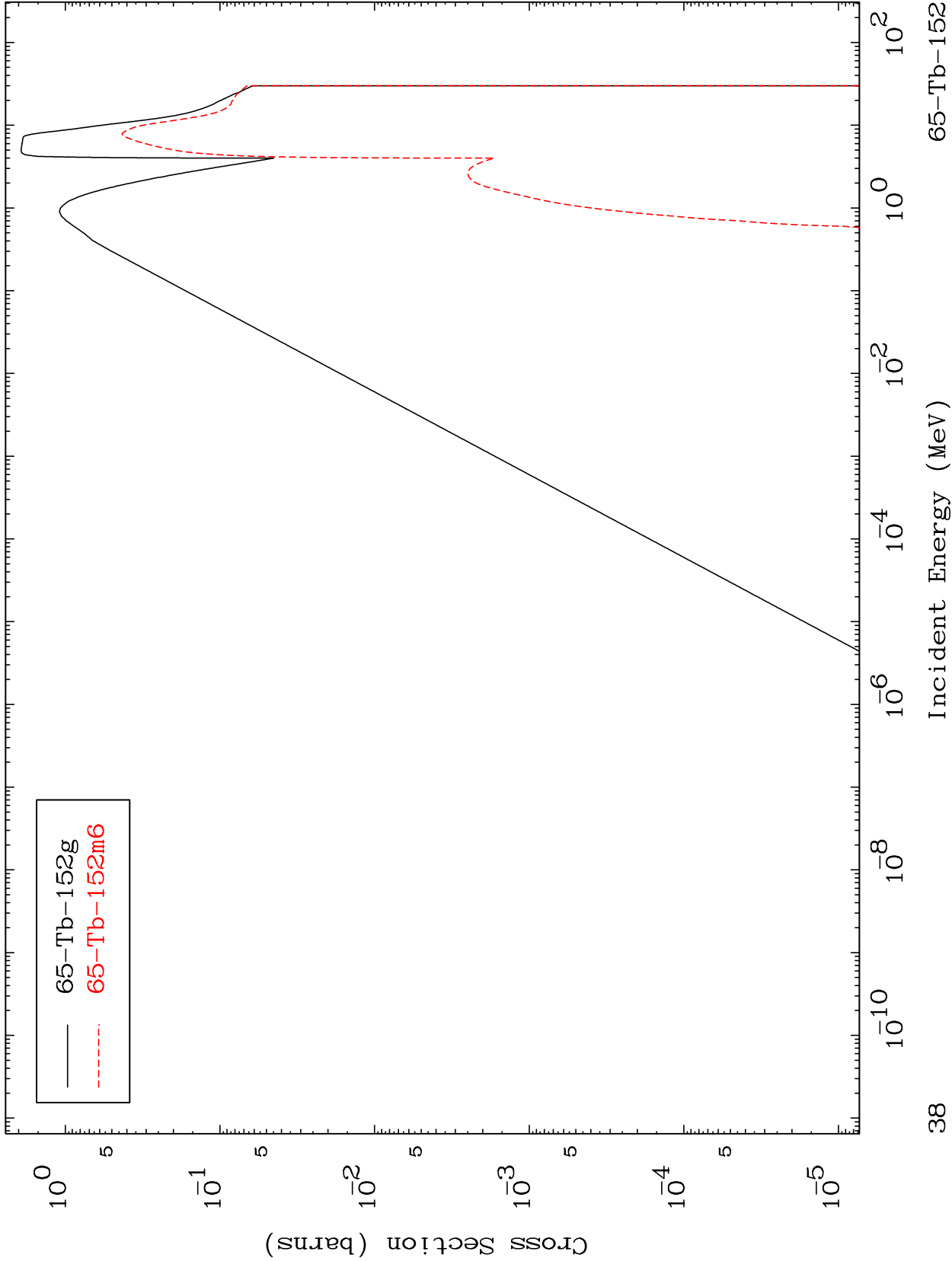
65-Tb-152



MAT 6504

Inelastic  
Radionuclide Production Cross Section

65-Tb-152

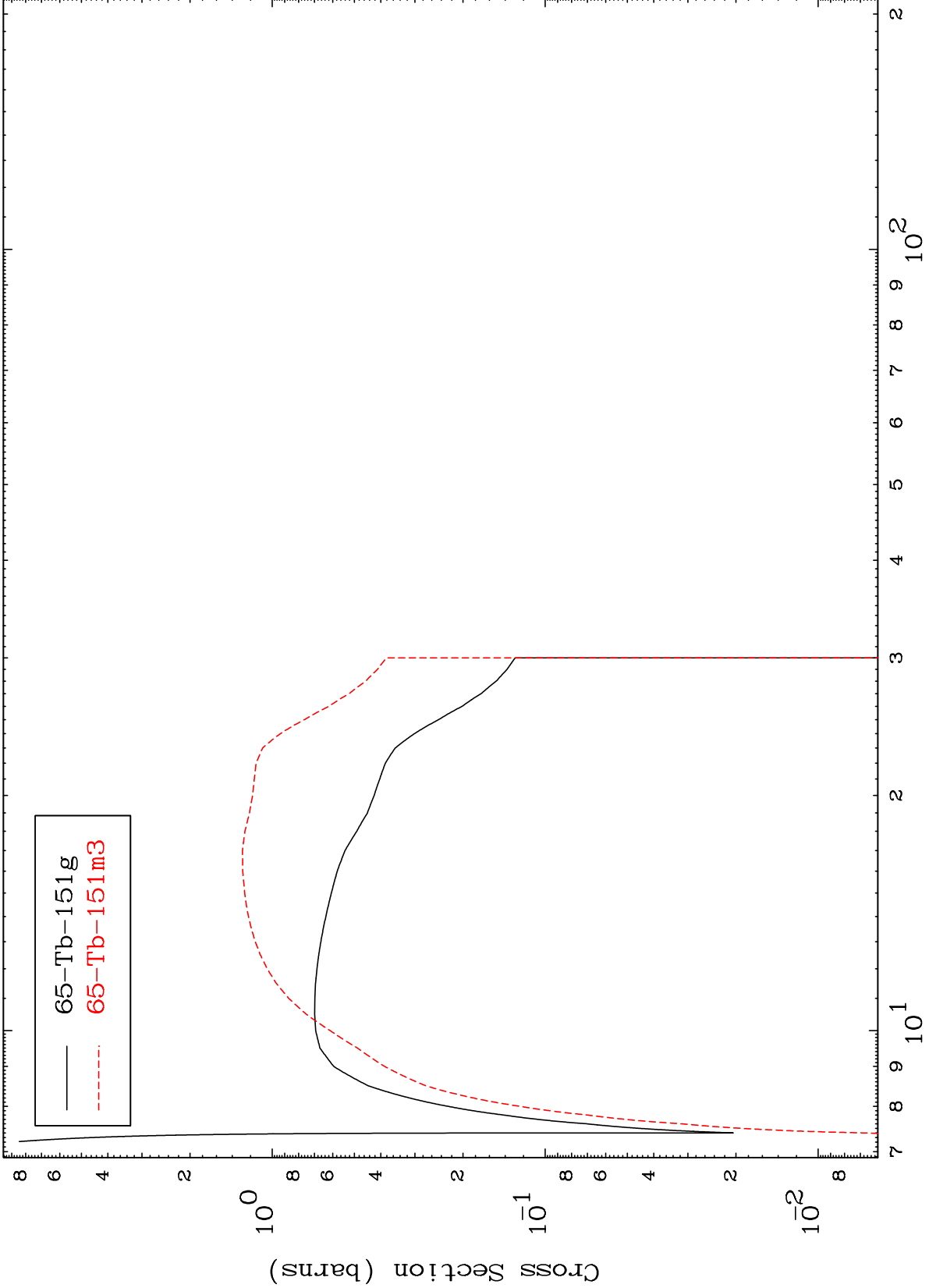


MAT 6504

(n,2n)

65-Tb-152

Radionuclide Production Cross Section



65-Tb-151 g  
65-Tb-151 m3

39

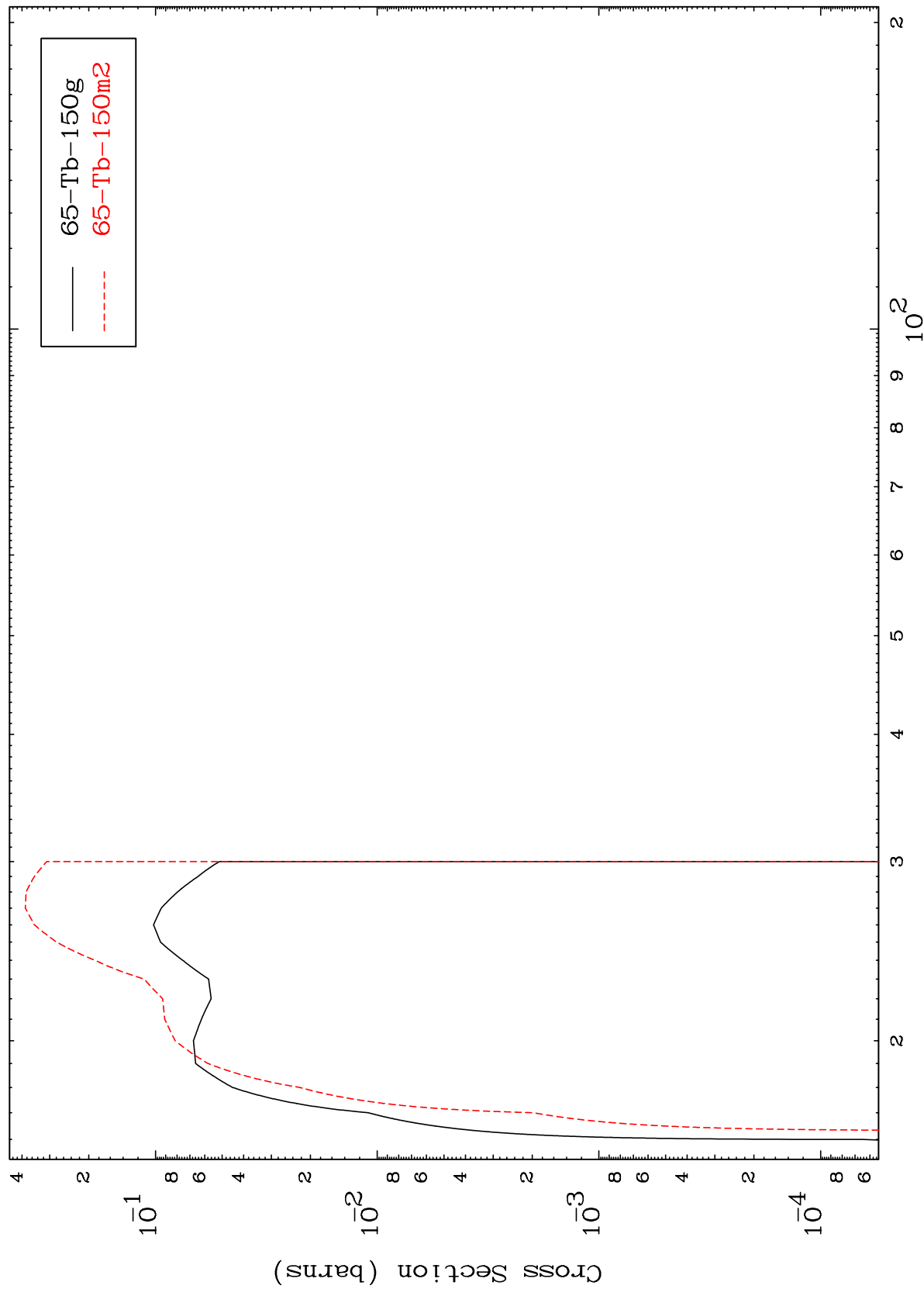
Incident Energy (MeV)

65-Tb-152

MAT 6504

65-Tb-152

(n,3n)  
Radionuclide Production Cross Section



40

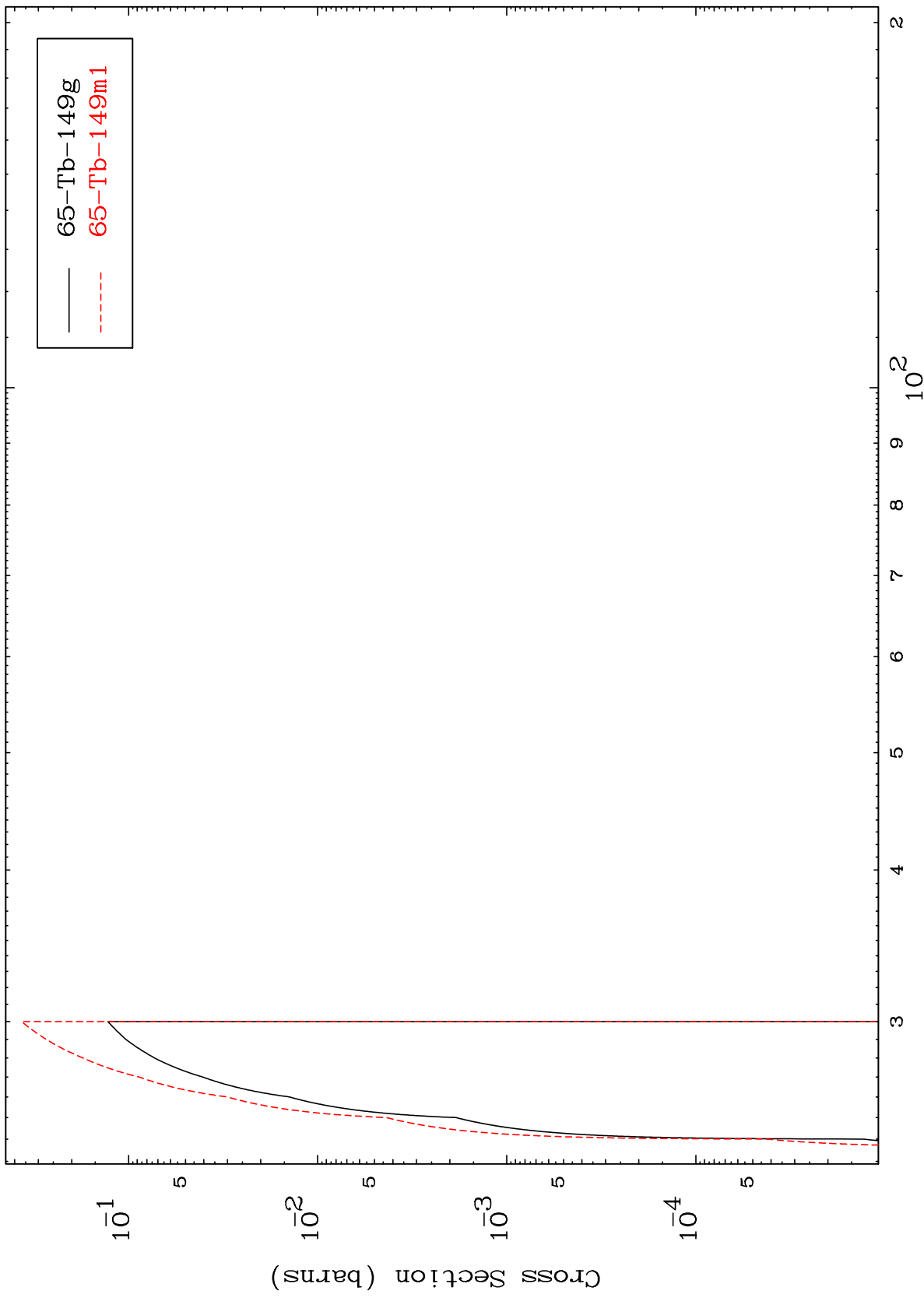
Incident Energy (MeV)

65-Tb-152

MAT 6504

65-Tb-152

(n,4n)  
Radionuclide Production Cross Section



41

Incident Energy (MeV)

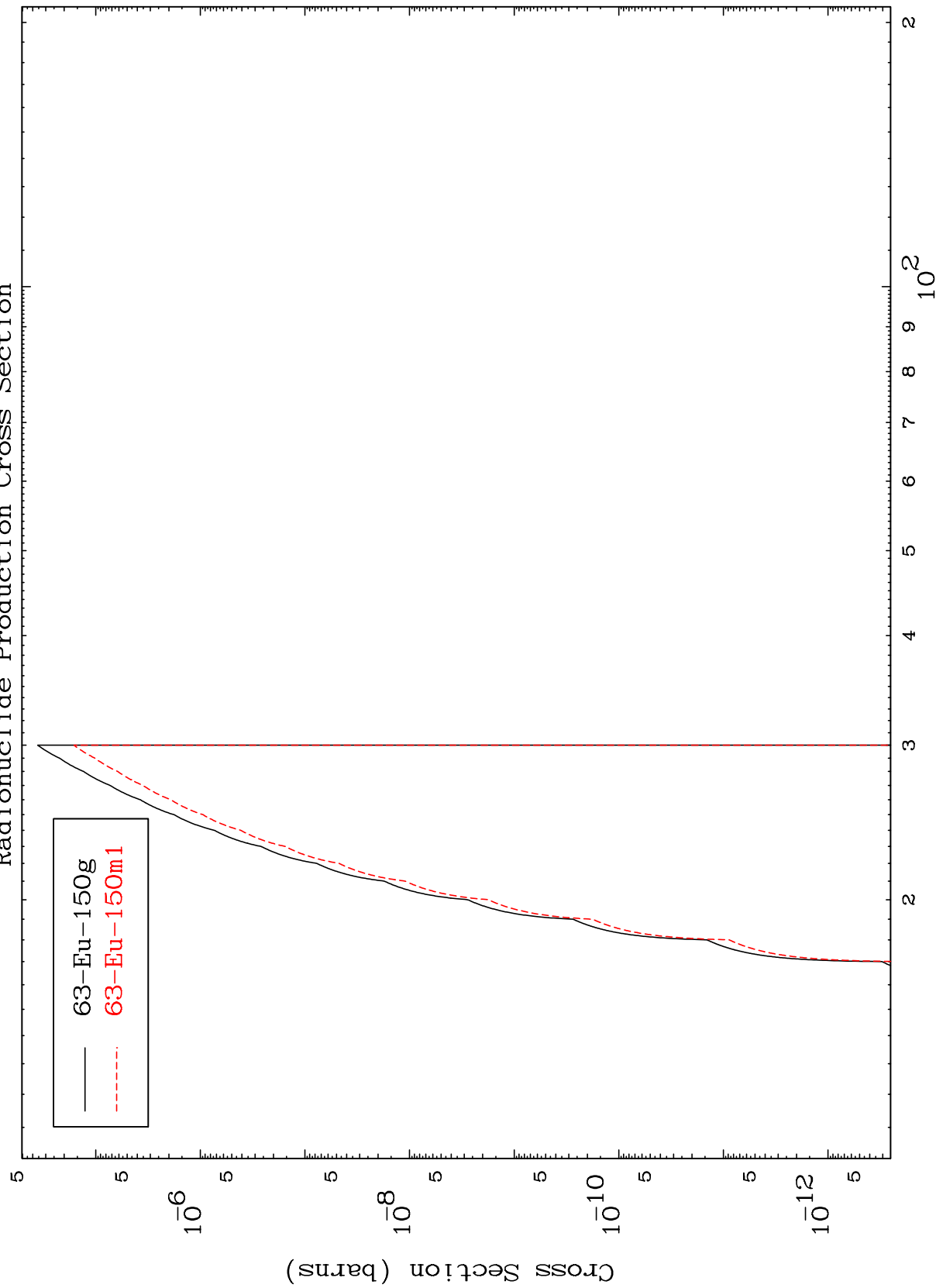
65-Tb-152

MAT 6504

(n,2n) p

65-Tb-152

Radionuclide Production Cross Section



42

Incident Energy (MeV)

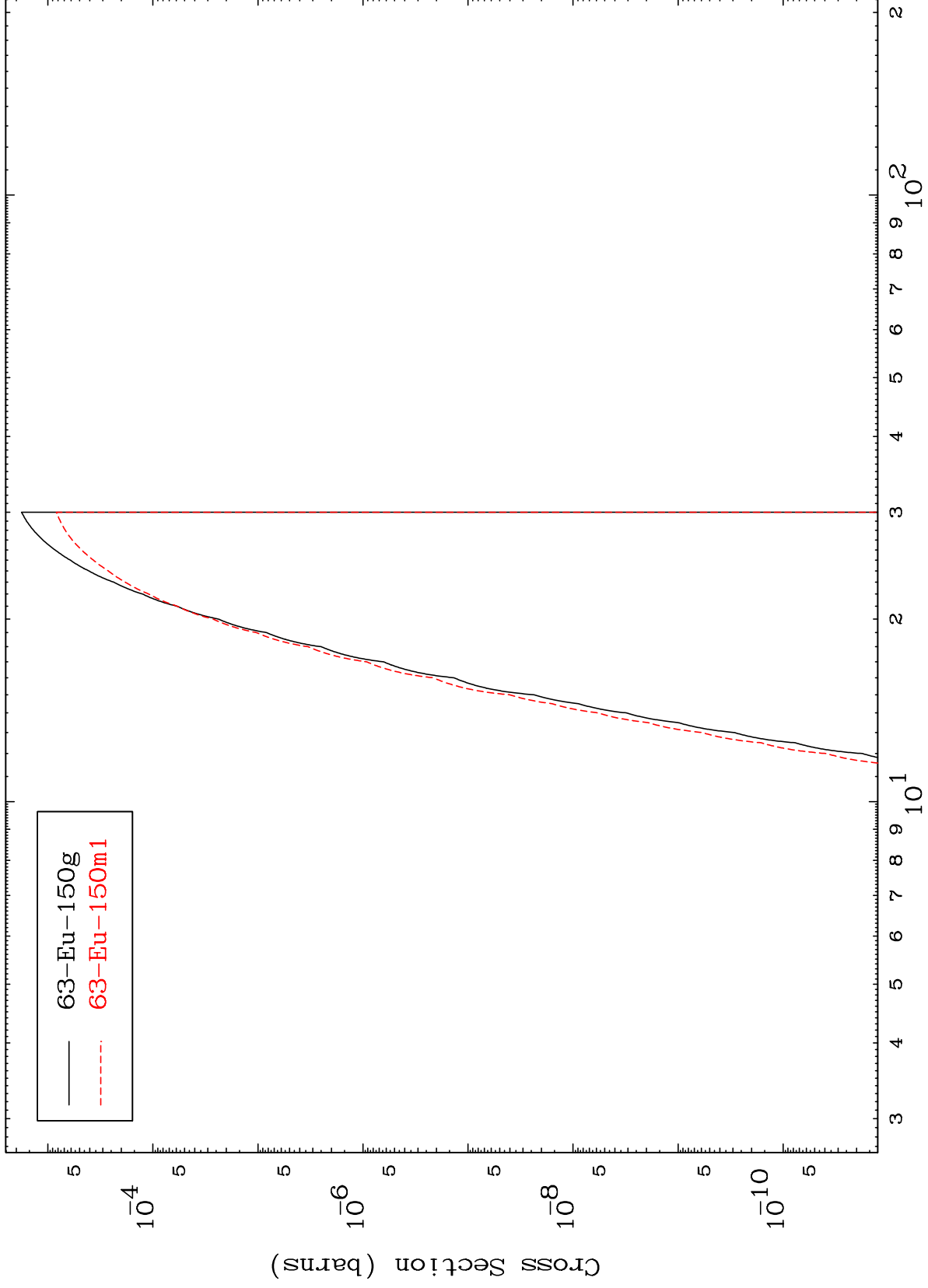
65-Tb-152

MAT 6504

(n,He-3)

65-Tb-152

Radionuclide Production Cross Section



43

Incident Energy (MeV)

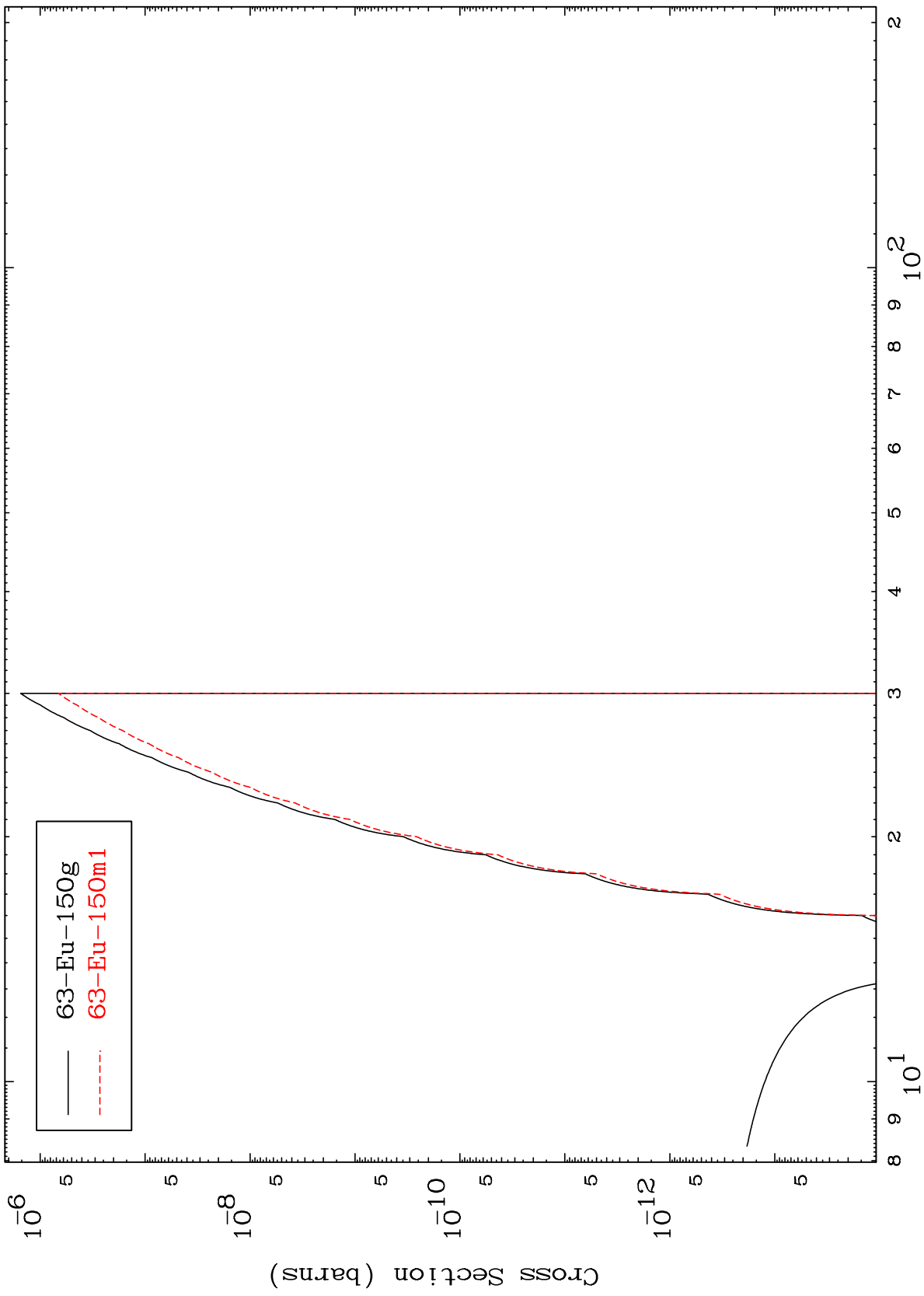
65-Tb-152

MAT 6504

(n,p) d

65-Tb-152

Radionuclide Production Cross Section



44

Incident Energy (MeV)

65-Tb-152