

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

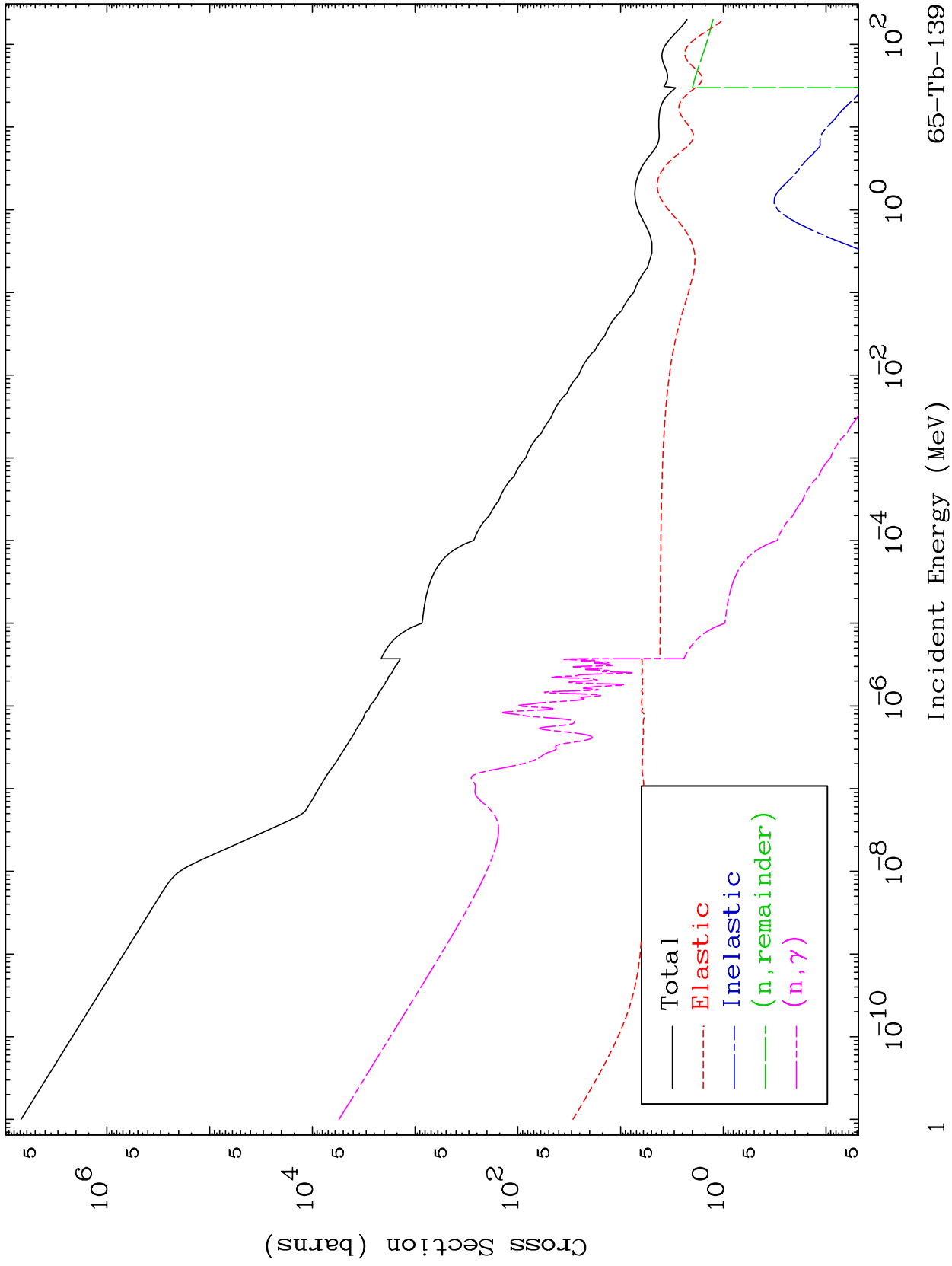
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6465

Major  
293 Kelvin Cross Sections

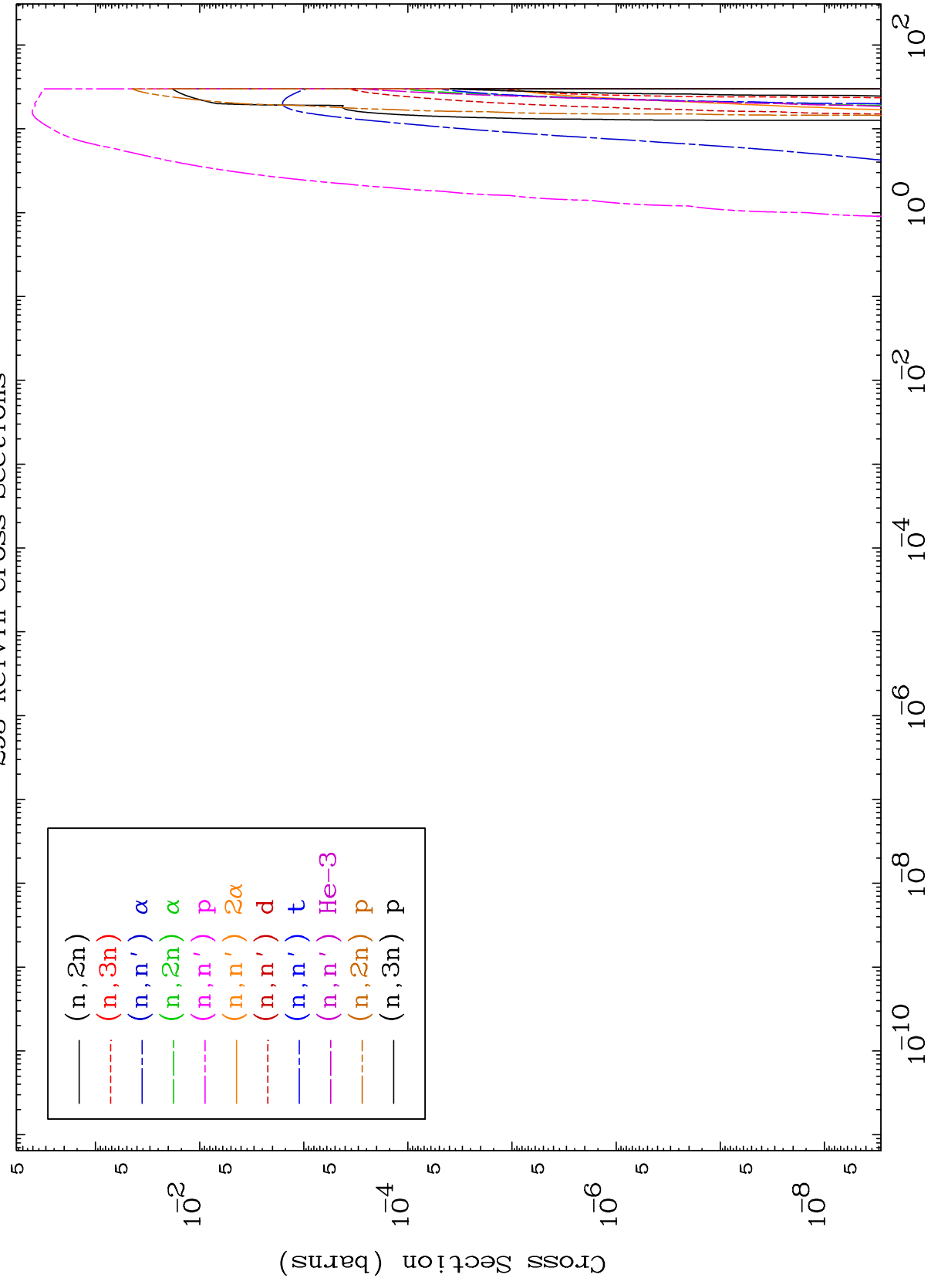
65-Tb-139



MAT 6465

Neutron Production  
293 Kelvin Cross Sections

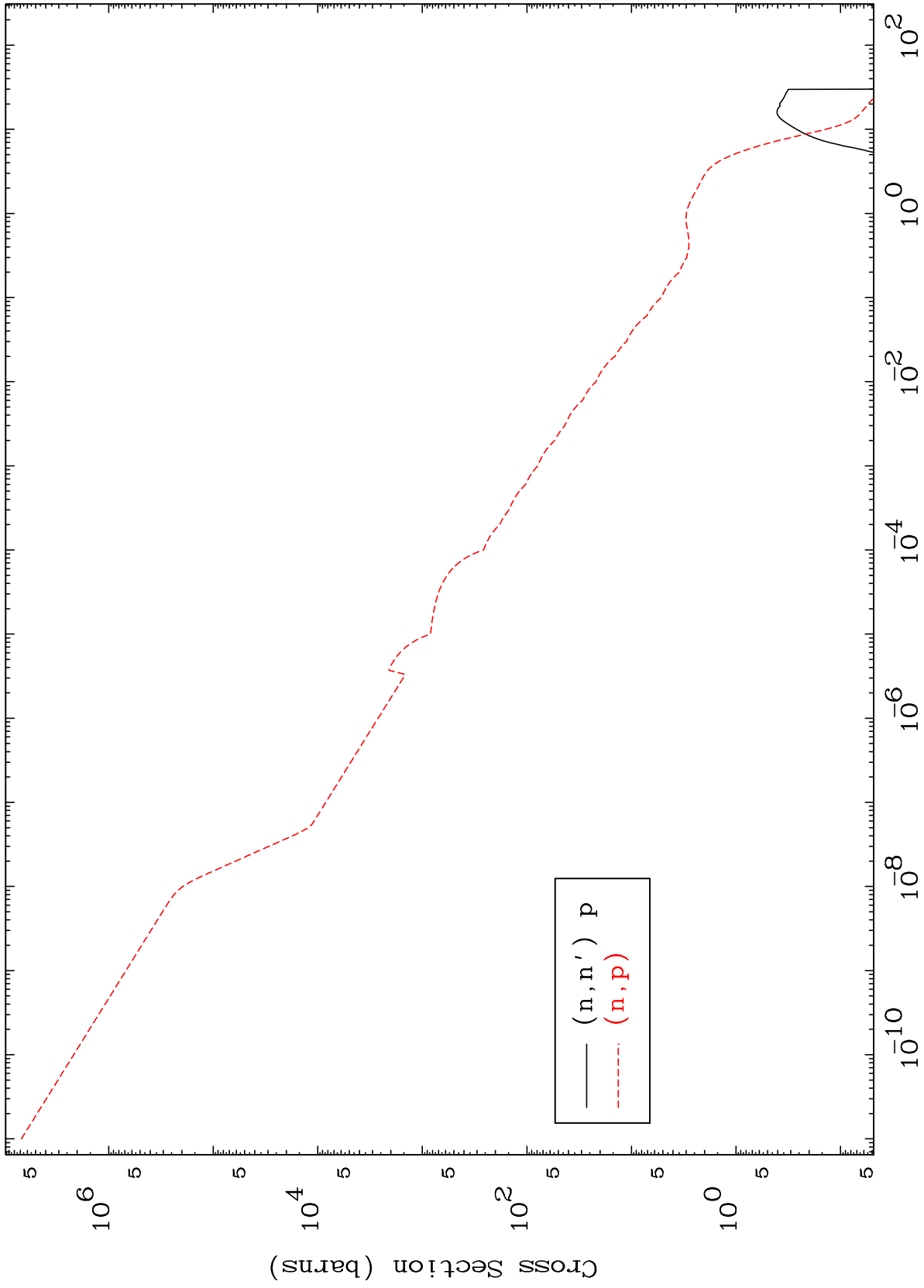
65-Tb-139



MAT 6465

Charged Particle  
293 Kelvin Cross Sections

65-Tb-139



3

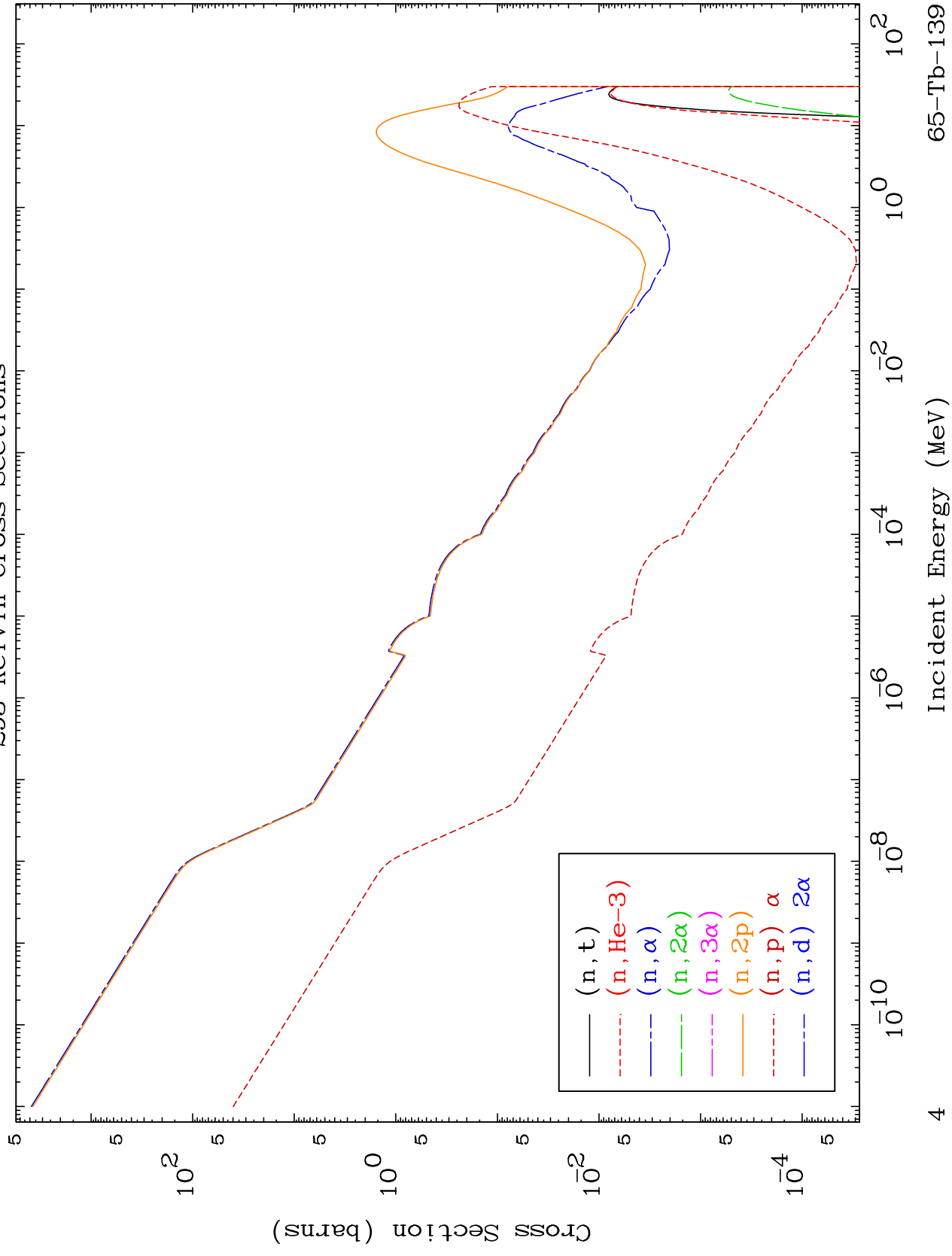
Incident Energy (MeV)

65-Tb-139

MAT 6465

293 Kelvin Cross Sections

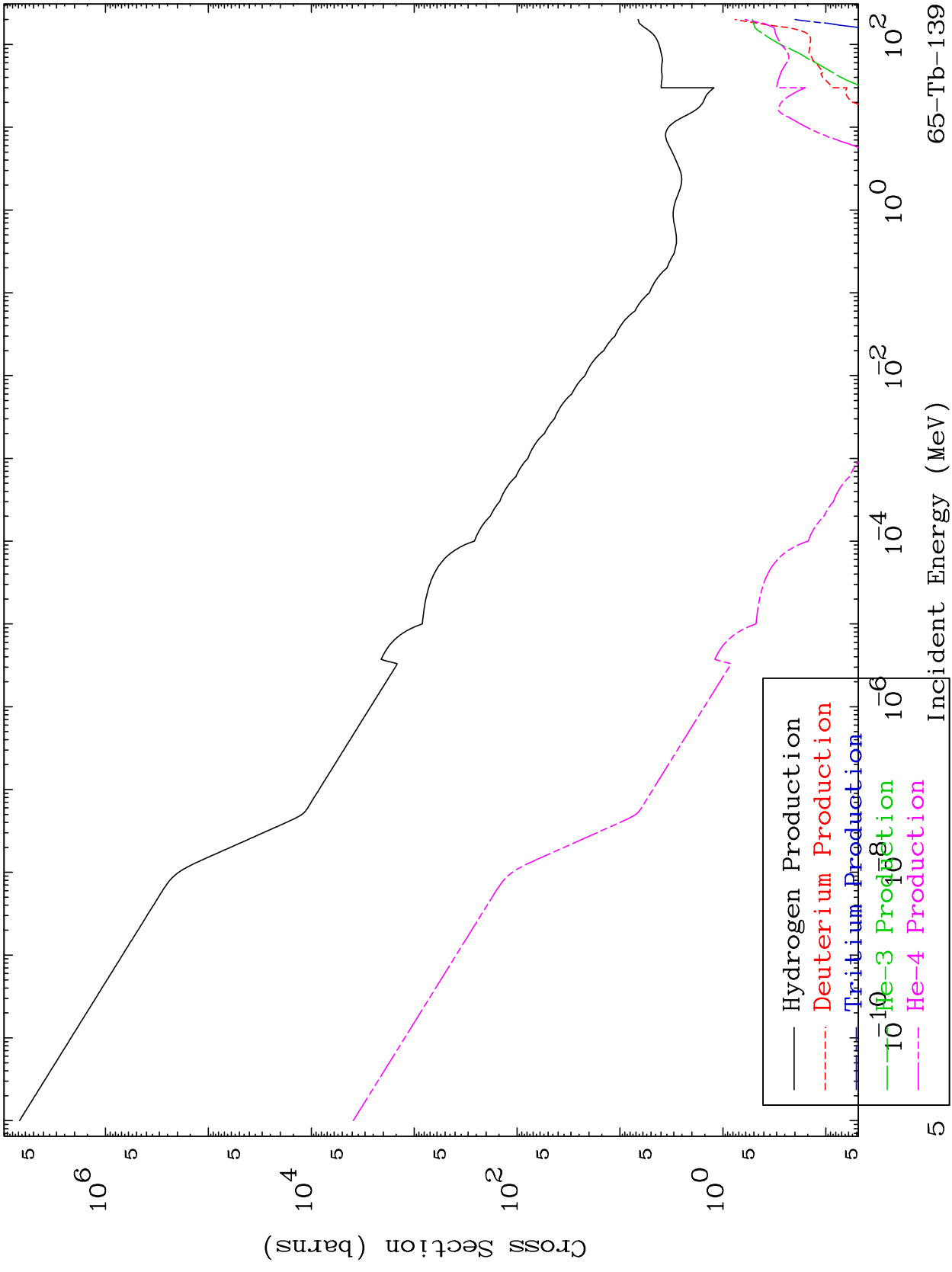
65-Tb-139



MAT 6465

Particle Production  
293 Kelvin Cross Sections

65-Tb-139

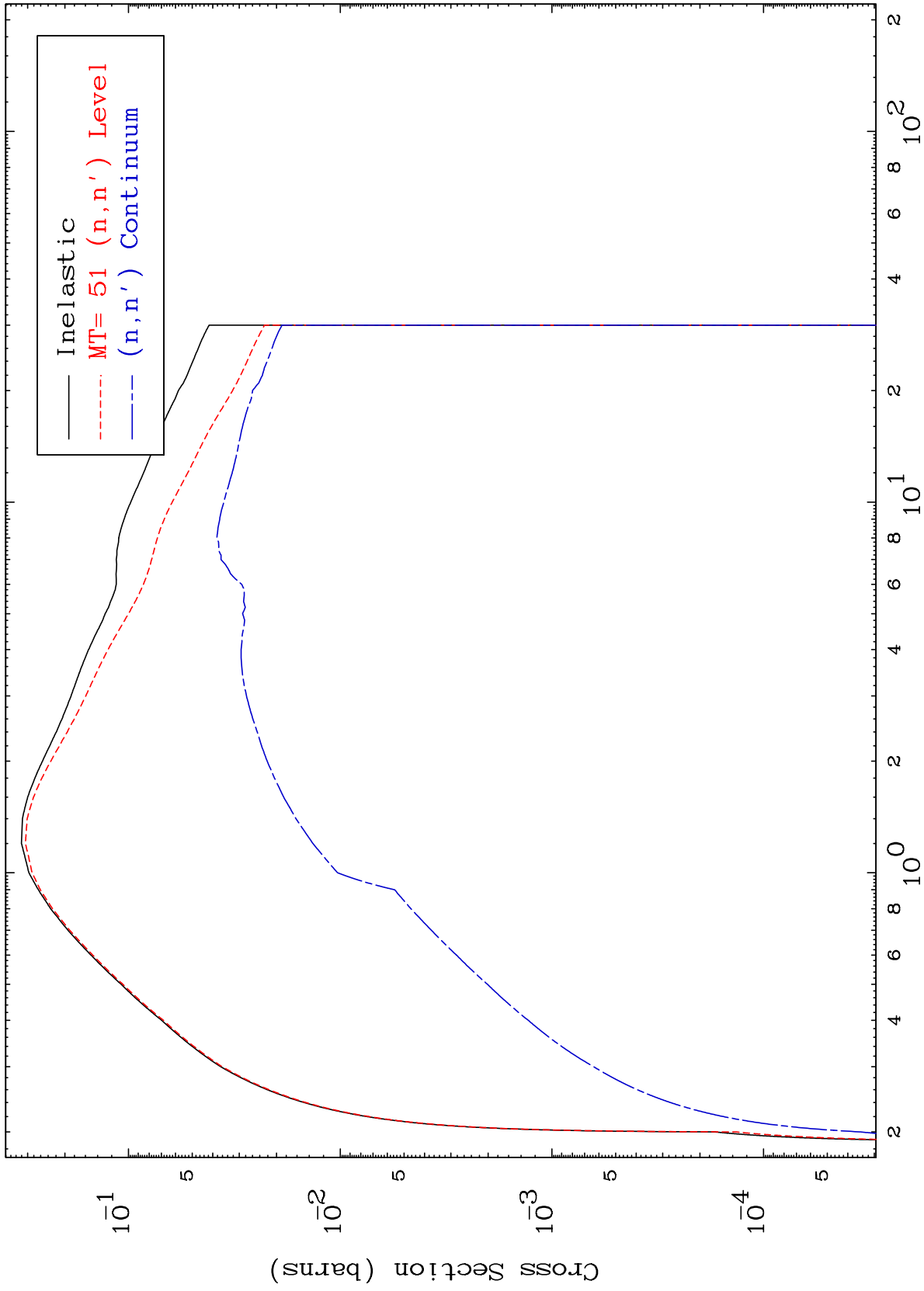


65-Tb-139

MAT 6465

(n,n') Level  
293 Kelvin Cross Sections

65-Tb-139



6

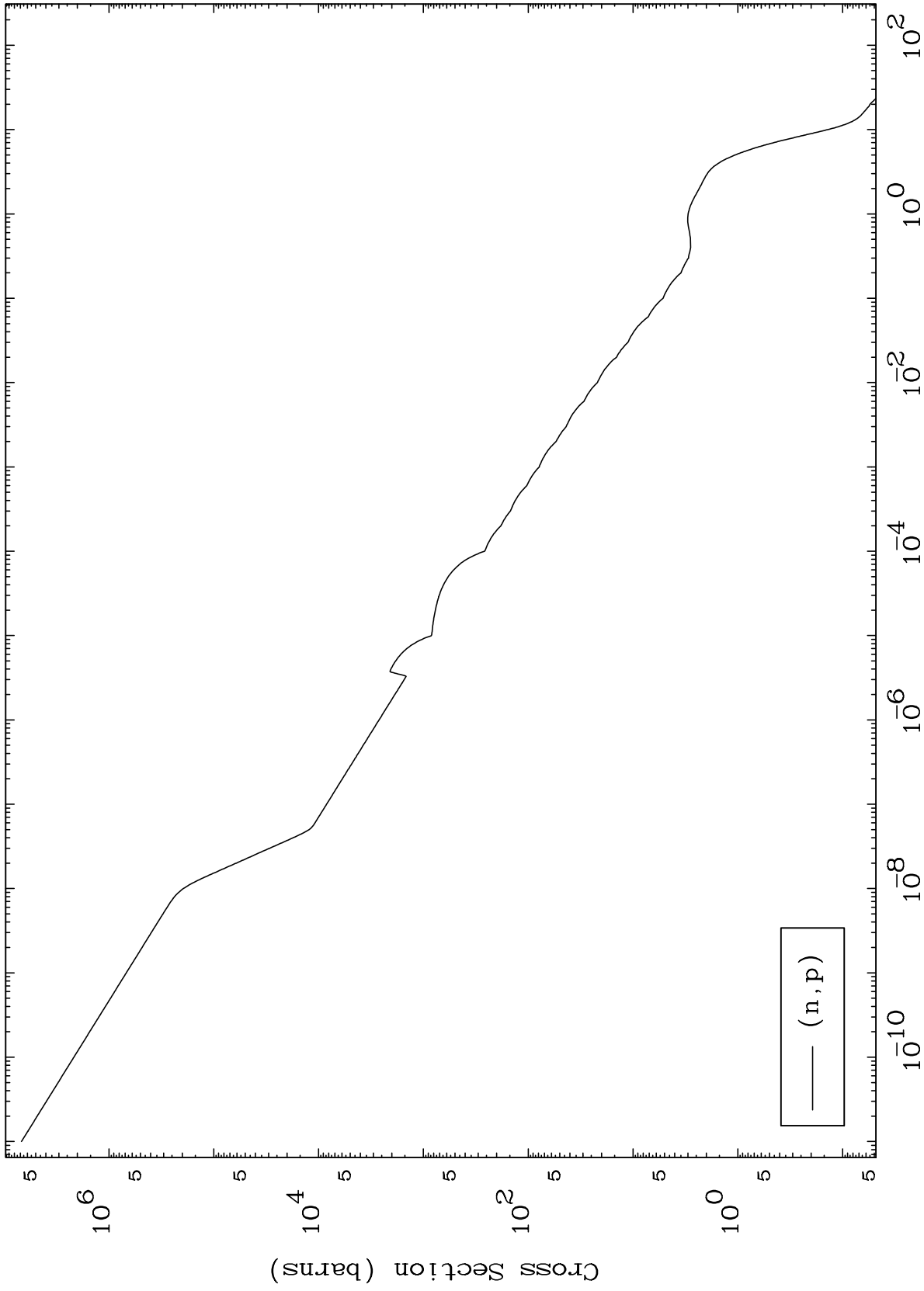
Incident Energy (MeV)

65-Tb-139

MAT 6465

(n,p) Levels  
293 Kelvin Cross Sections

65-Tb-139

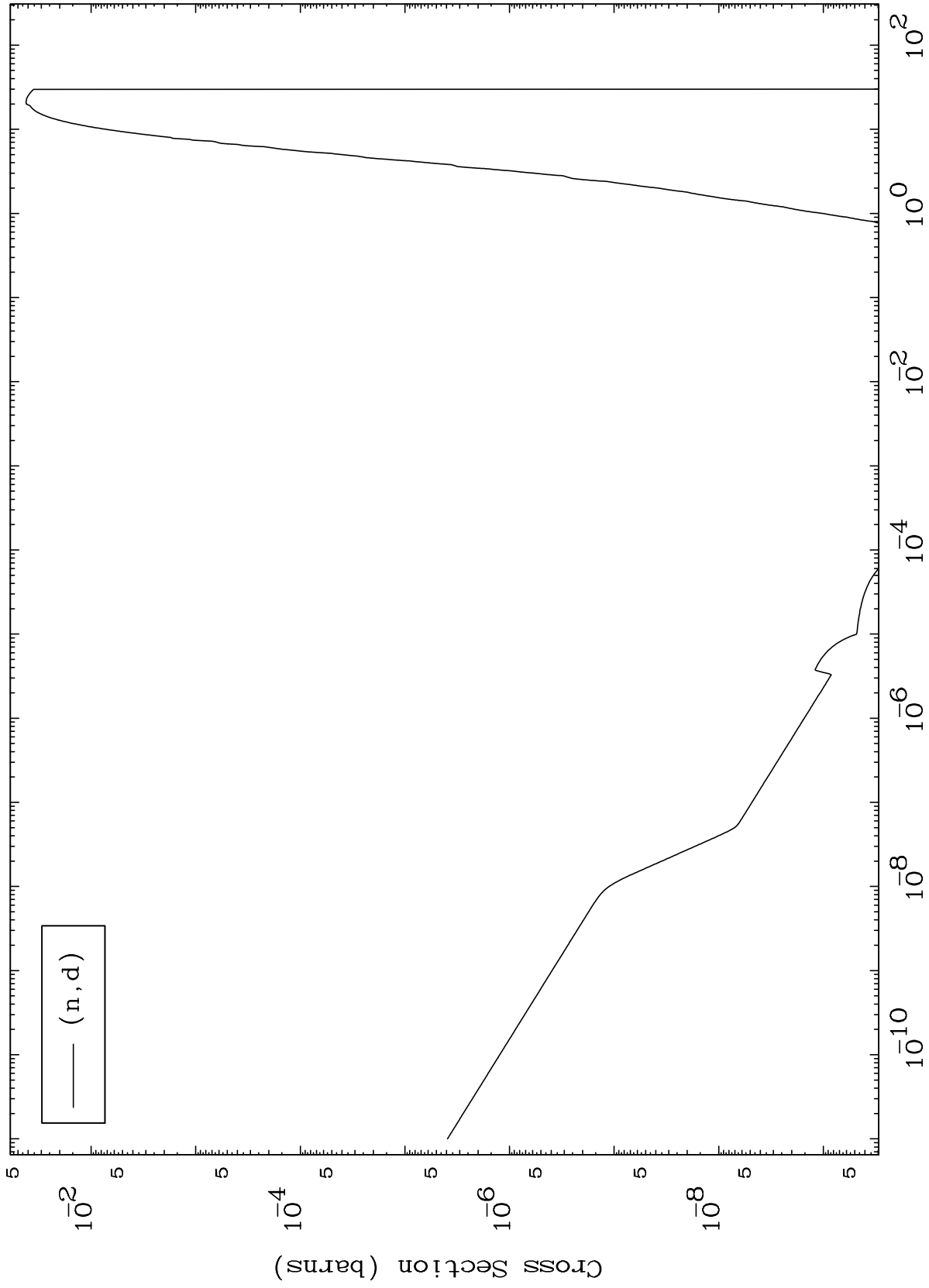




MAT 6465

(n,d) Levels  
293 Kelvin Cross Sections

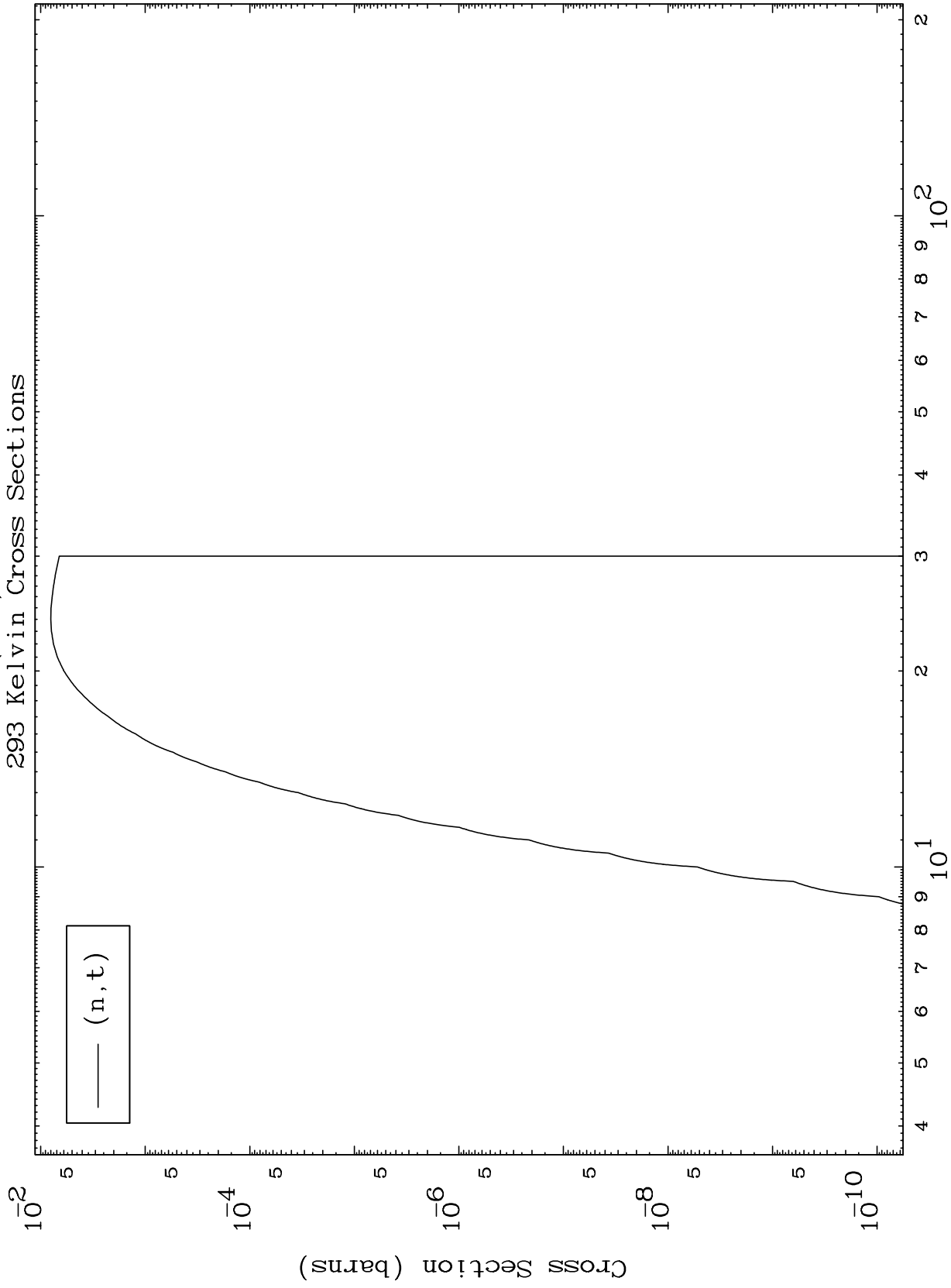
65-Tb-139



MAT 6465

(n,t) Levels  
293 Kelvin Cross Sections

65-Tb-139



9

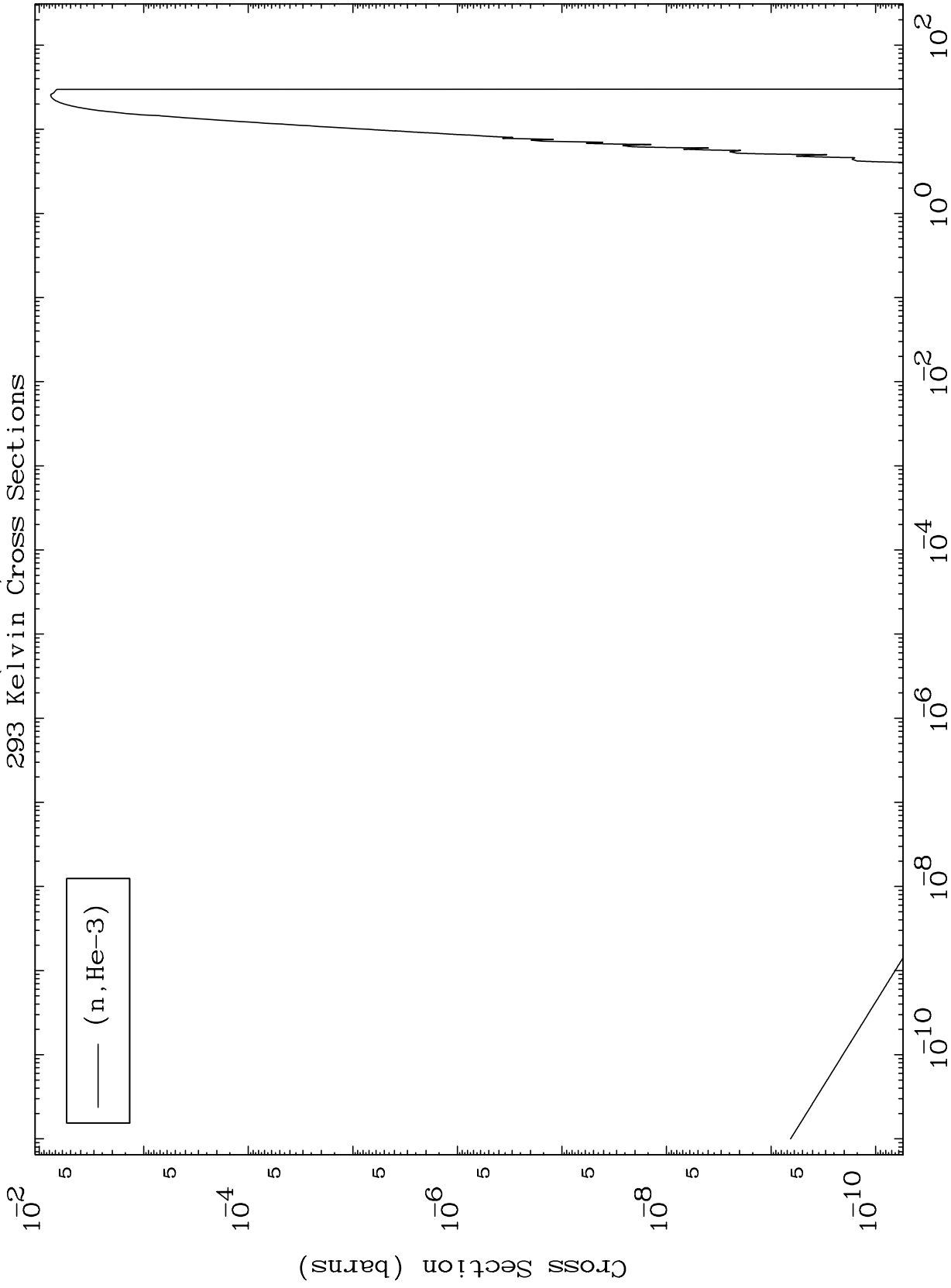
Incident Energy (MeV)

65-Tb-139

MAT 6465

(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-139



10

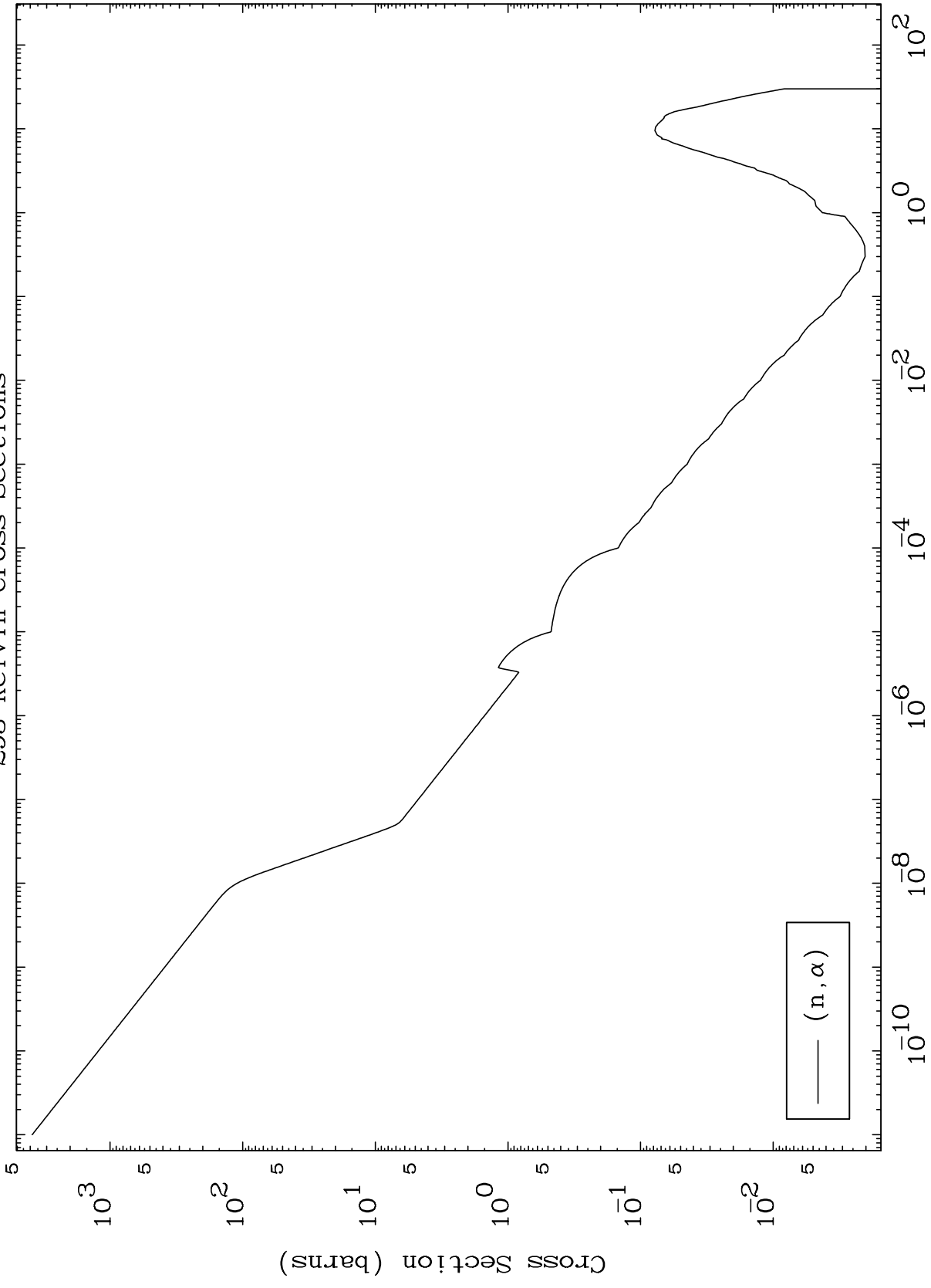
Incident Energy (MeV)

65-Tb-139

MAT 6465

293 Kelvin Cross Sections  
(n,α) Levels

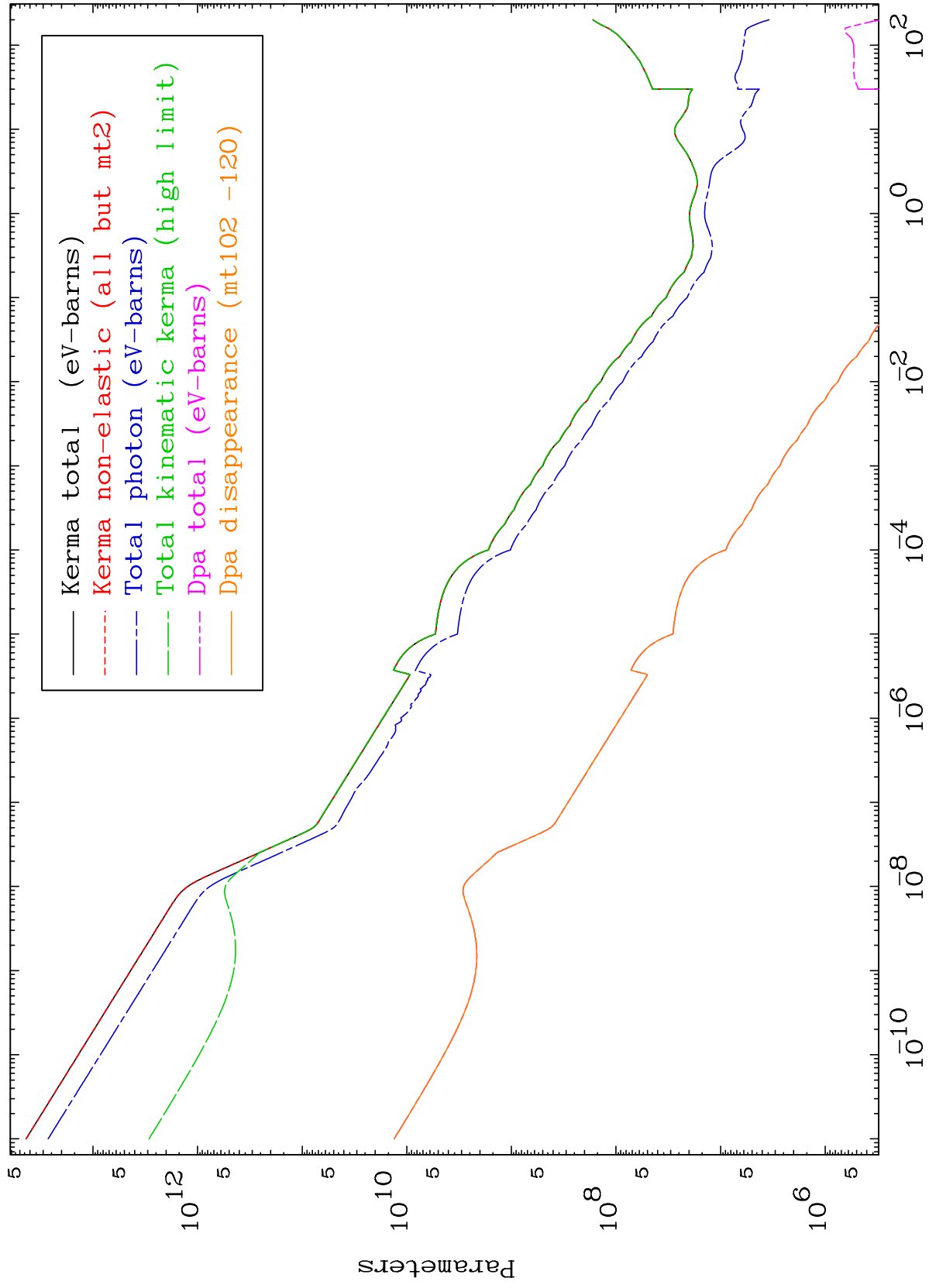
65-Tb-139



MAT 6465

Energy Release  
Parameters

65-Tb-139



12

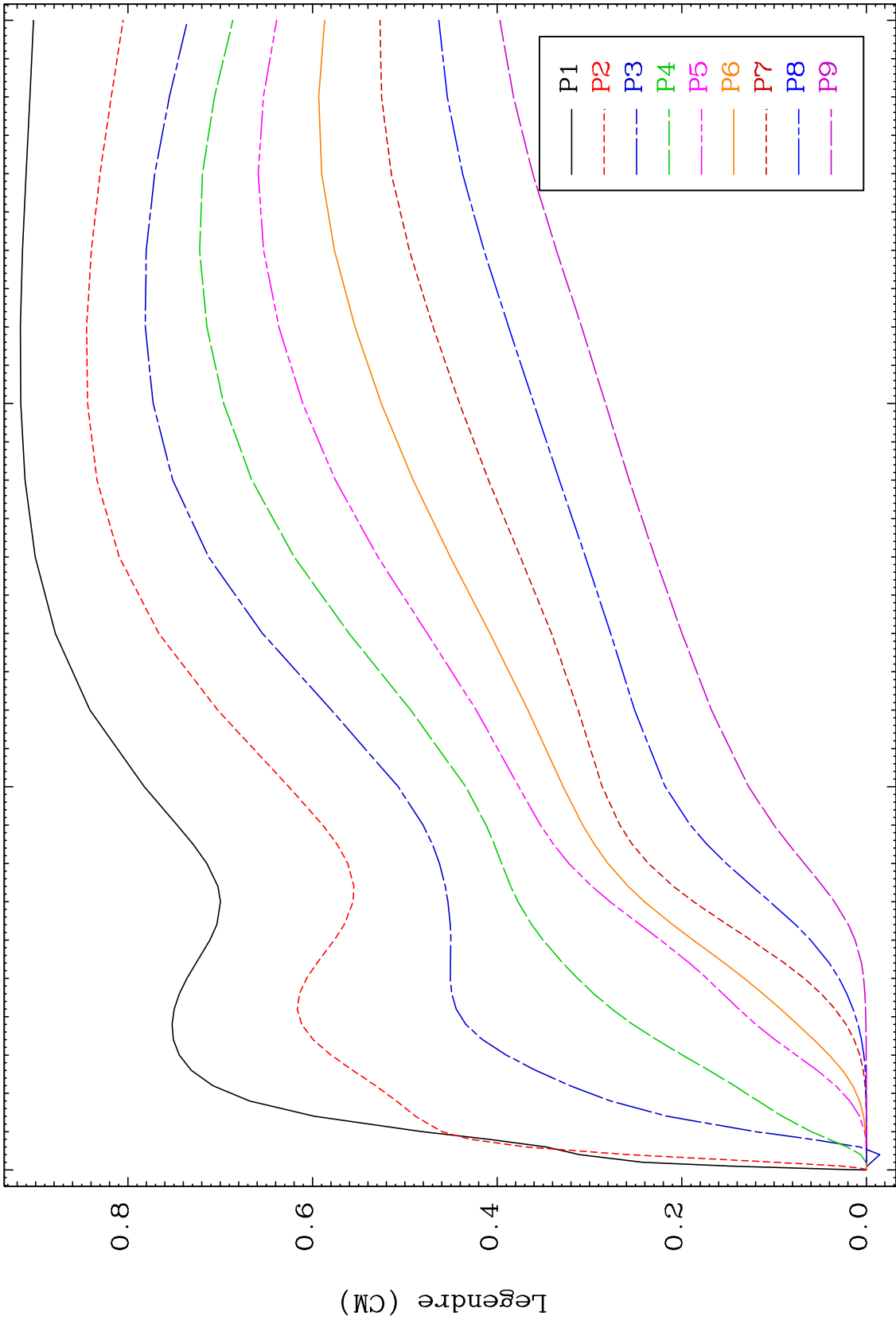
Incident Energy (MeV)

65-Tb-139

MAT 6465

Elastic Legendre Coefficients

65-Tb-139



13

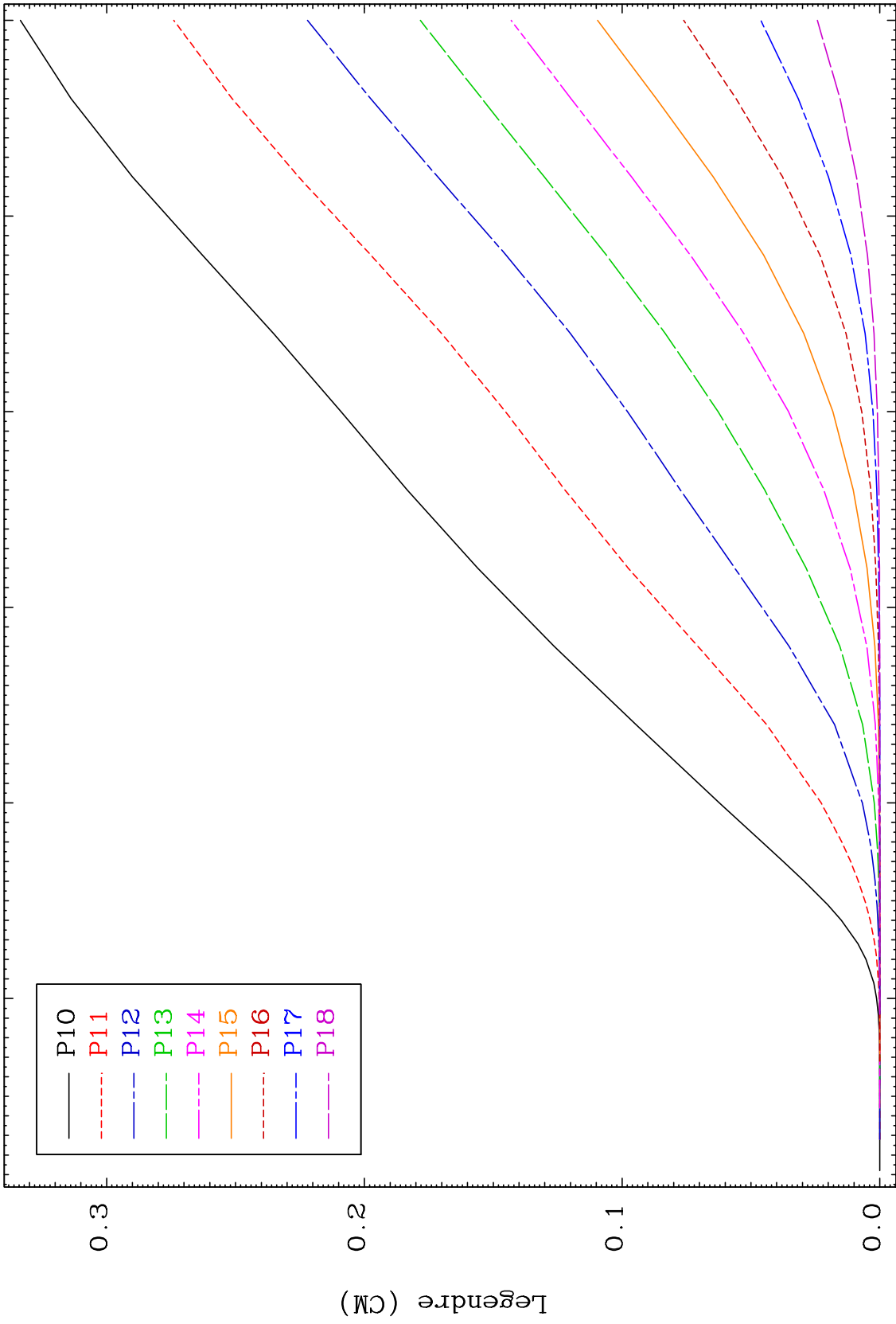
Incident Energy (MeV)

65-Tb-139

MAT 6465

Elastic Legendre Coefficients

65-Tb-139



14

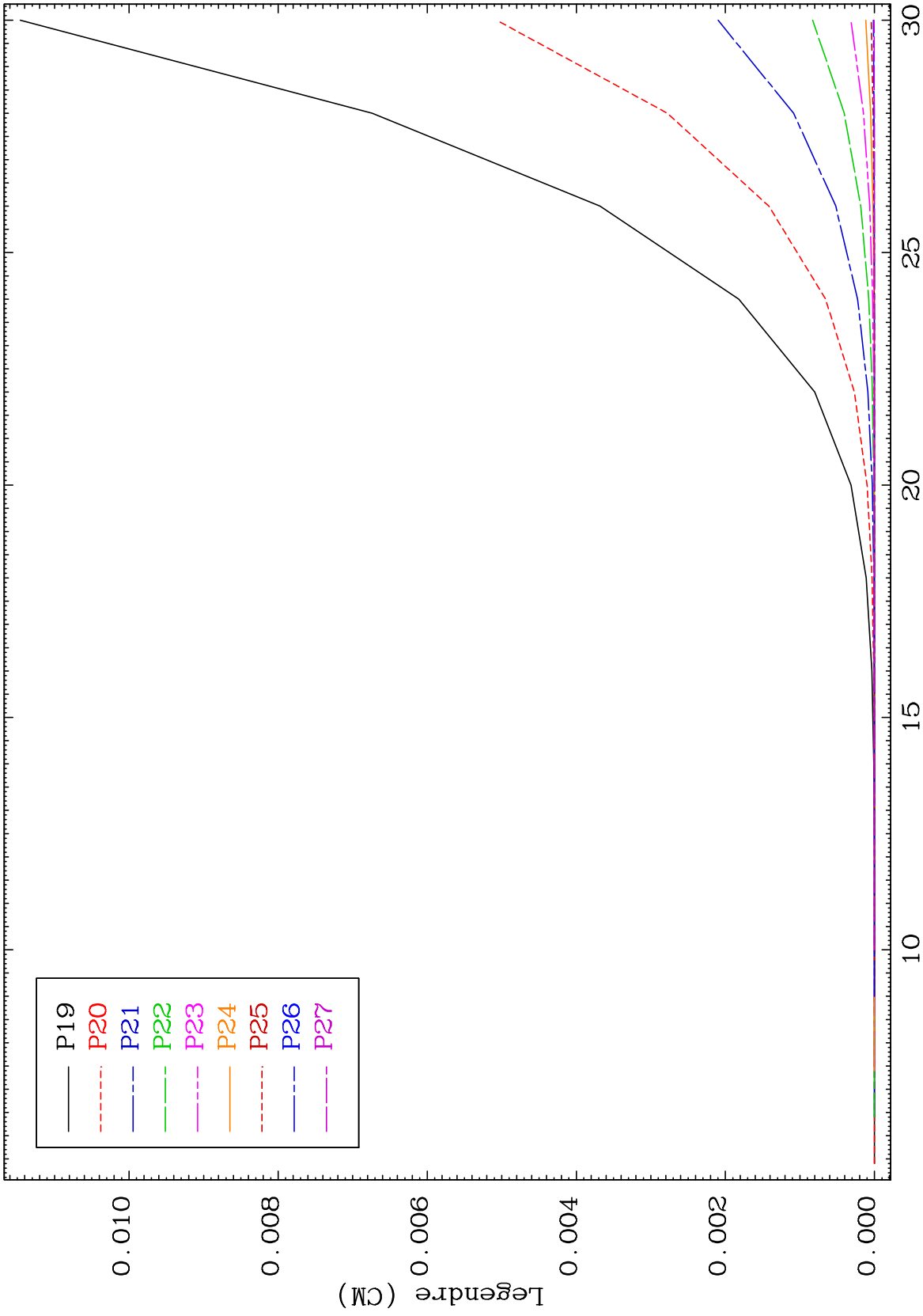
Incident Energy (MeV)

65-Tb-139

MAT 6465

### Elastic Legendre Coefficients

65-Tb-139



15

Incident Energy (MeV)

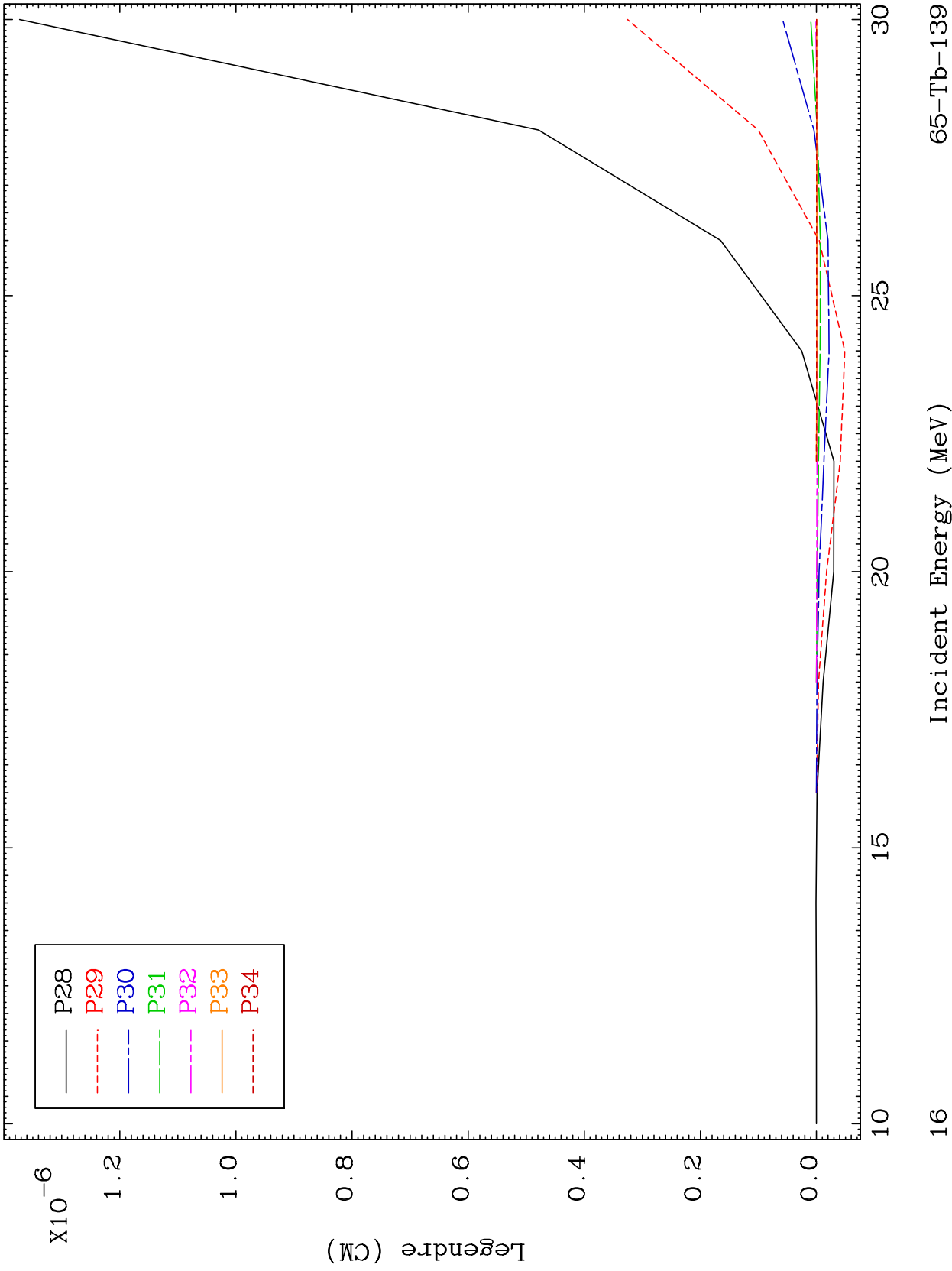
65-Tb-139



MAT 6465

Elastic Legendre Coefficients

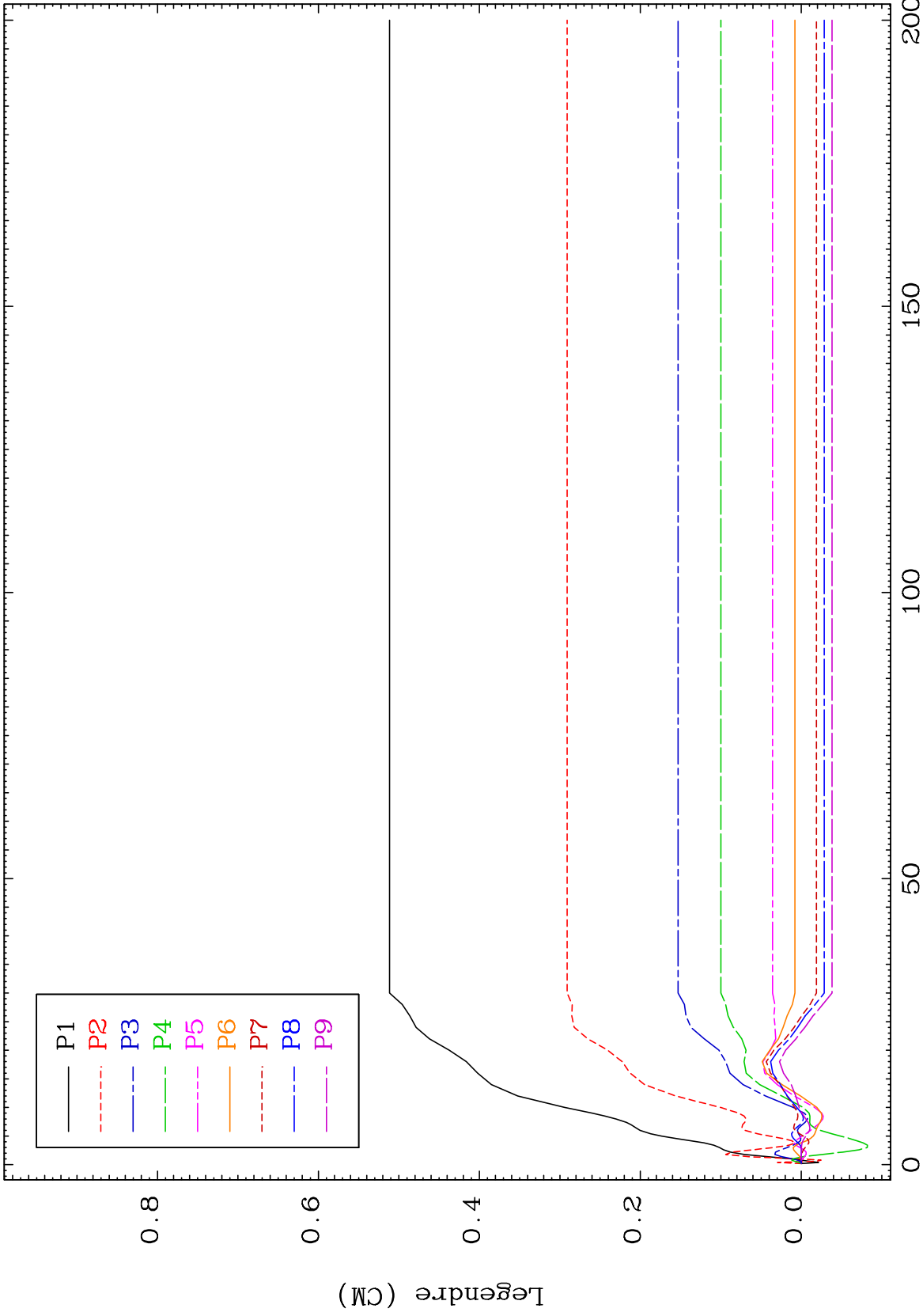
65-Tb-139



MAT 6465

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

65-Tb-139



0

50

100

150

200

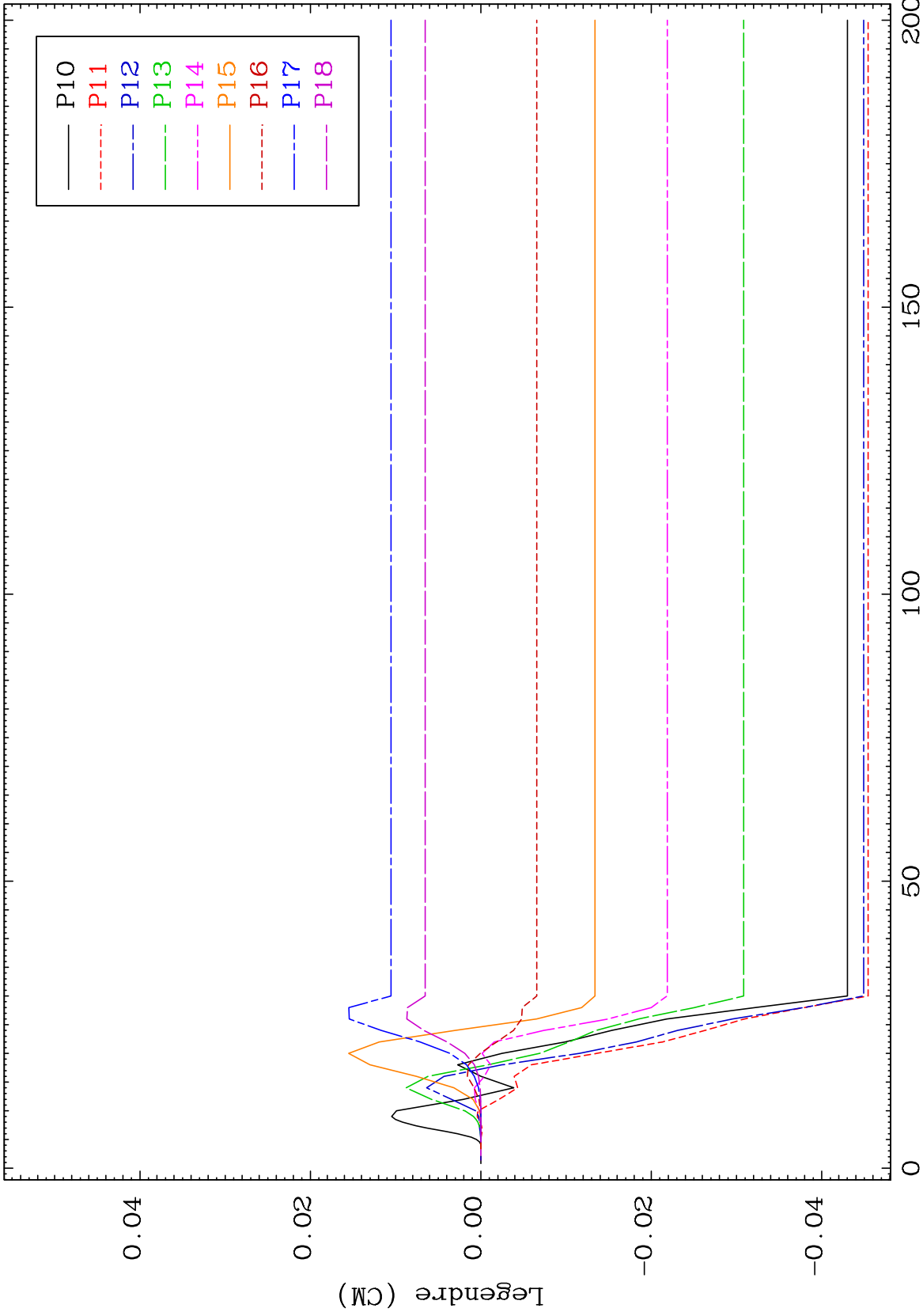
65-Tb-139

Incident Energy (MeV)

MAT 6465

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

65-Tb-139



18

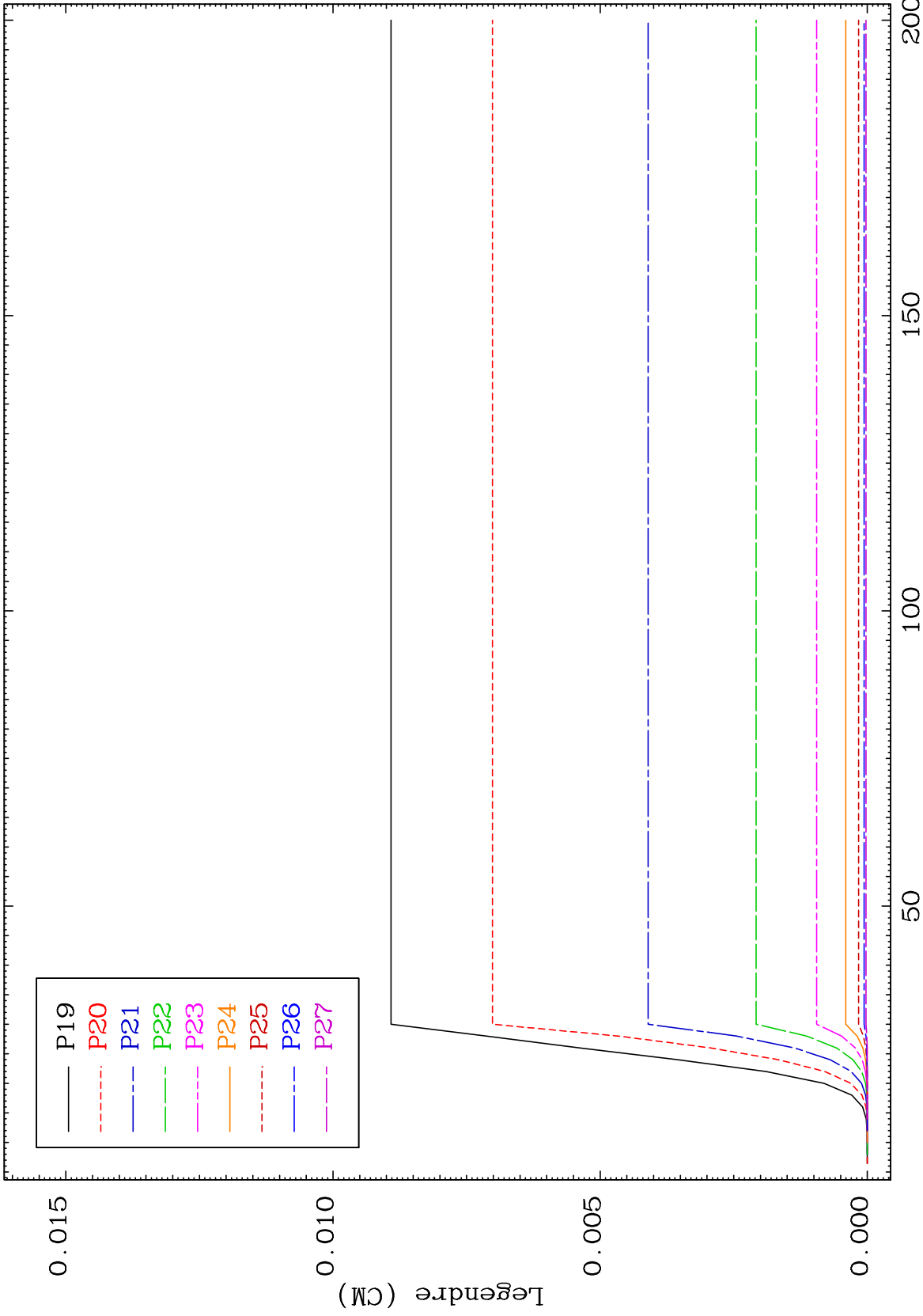
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



19

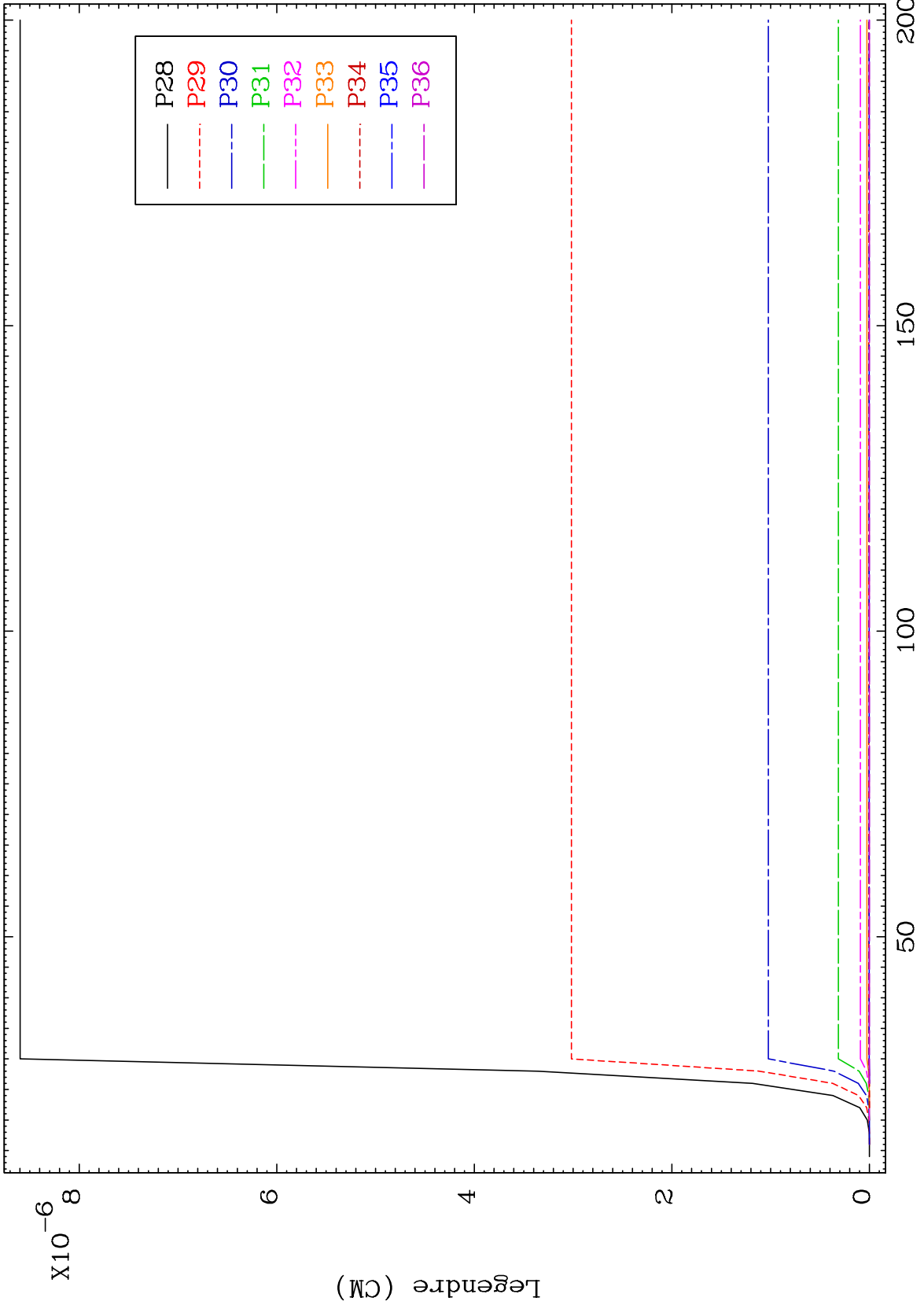
Incident Energy (MeV)

65-Tb-139

MAT 6465

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

65-Tb-139



20

Incident Energy (MeV)

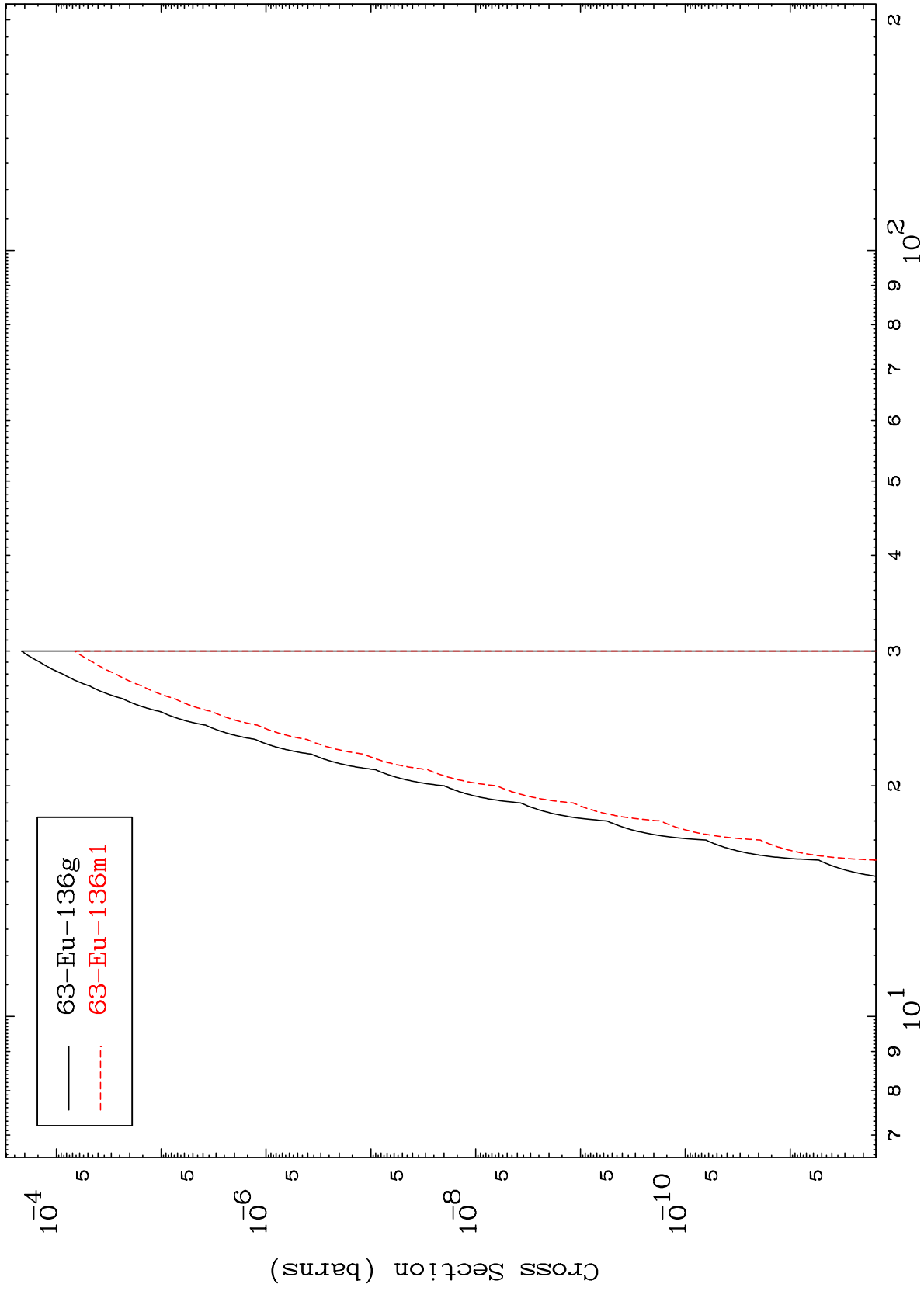
65-Tb-139

MAT 6465

(n, n') He-3

65-Tb-139

Radionuclide Production Cross Section



21

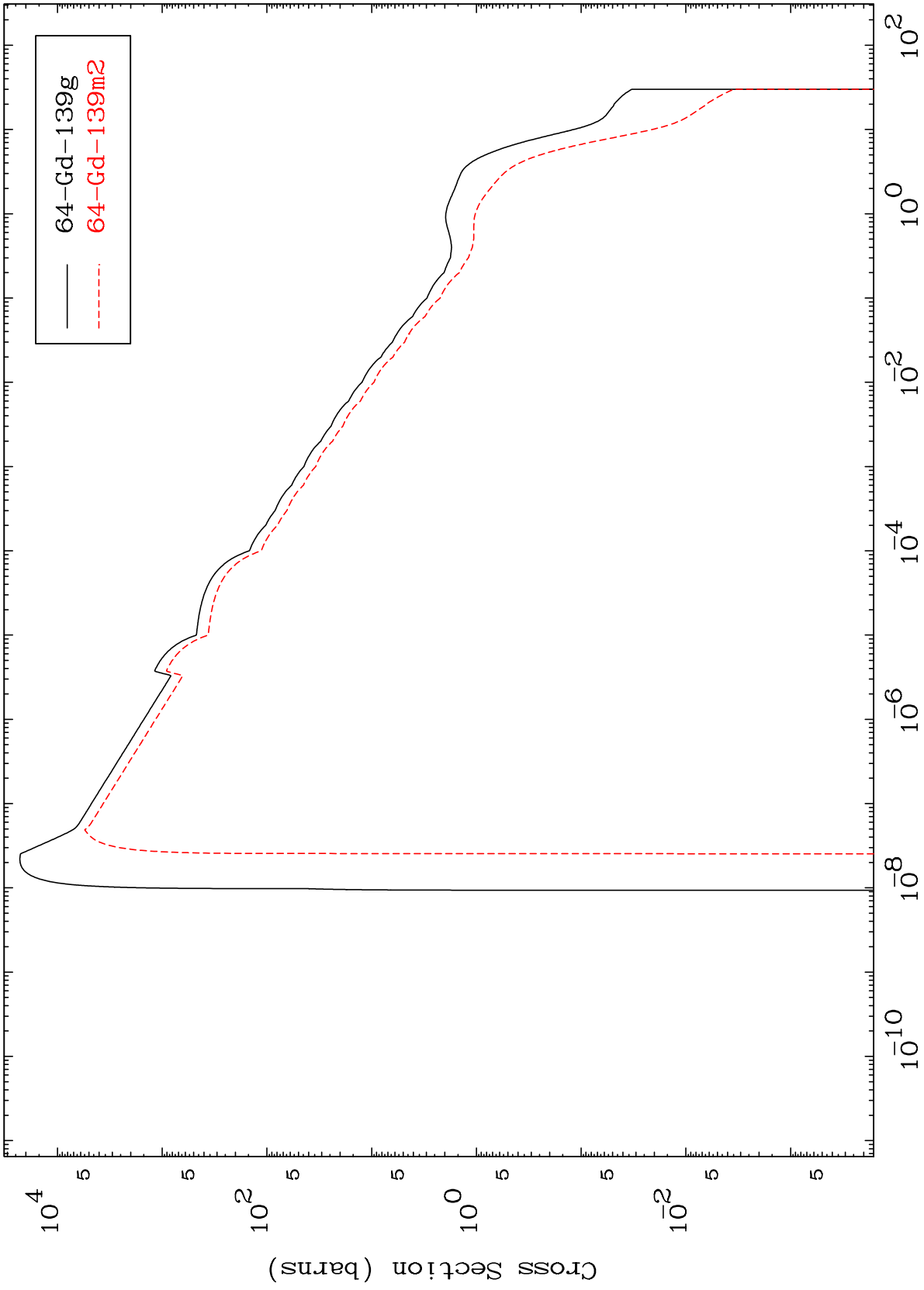
Incident Energy (MeV)

65-Tb-139

MAT 6465

65-Tb-139

(n,p)  
Radionuclide Production Cross Section



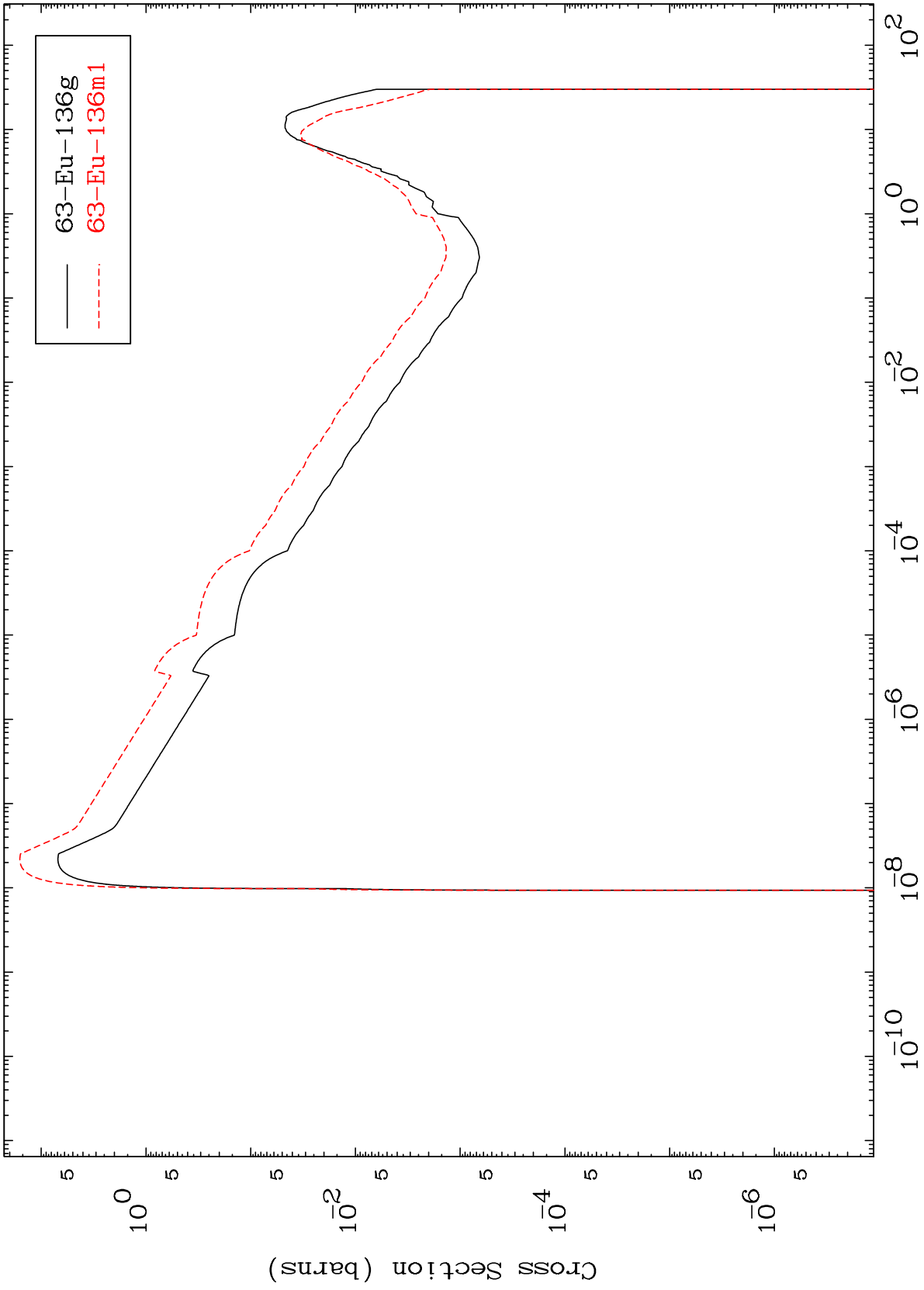
22

65-Tb-139

MAT 6465

65-Tb-139

(n,α)  
Radionuclide Production Cross Section



23

65-Tb-139

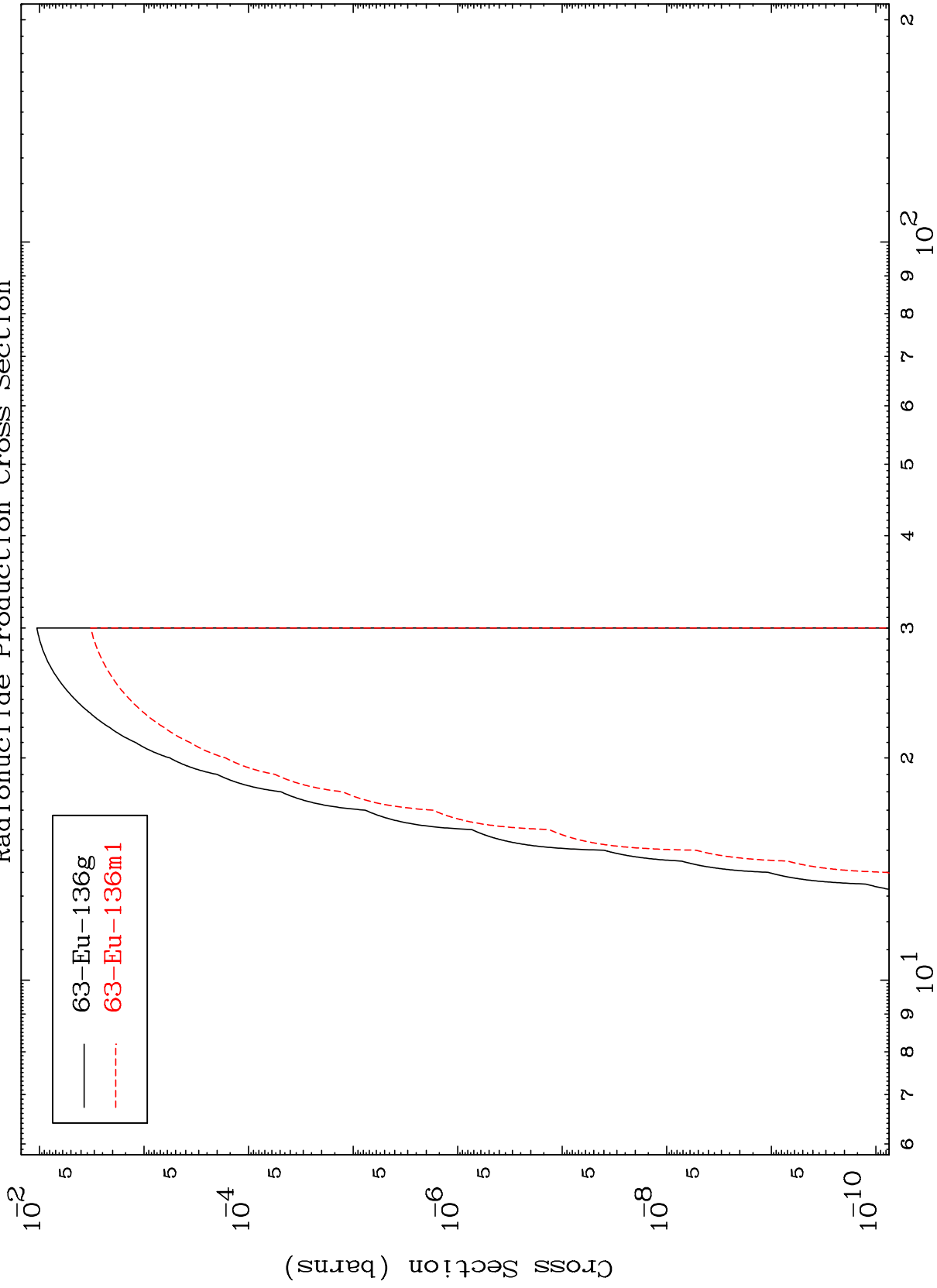


MAT 6465

(n,p) t

65-Tb-139

Radionuclide Production Cross Section



24

Incident Energy (MeV)

65-Tb-139