

Program EVALPLOT  
(Version 2018-1)

by

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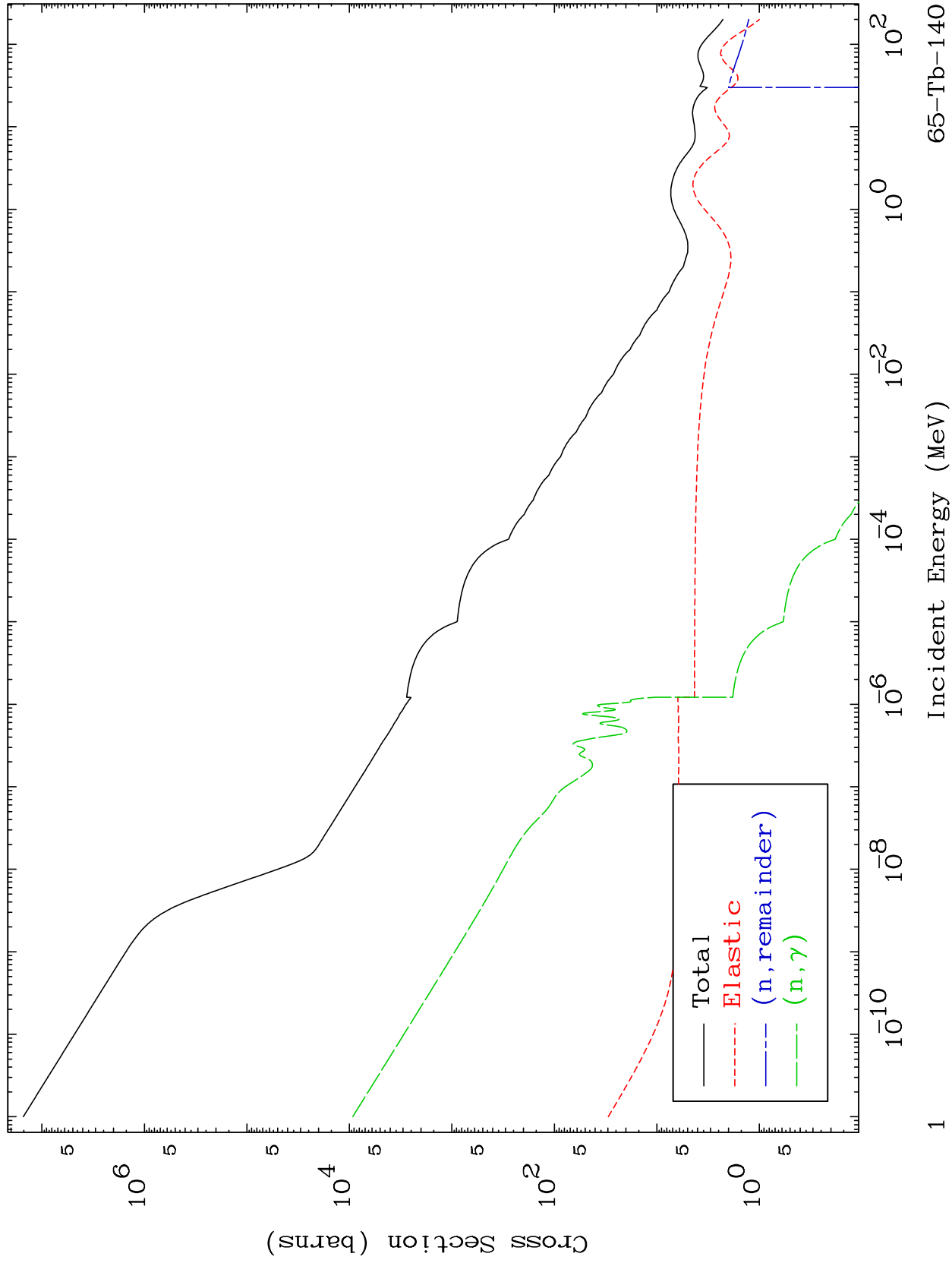
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6468

Major  
293 Kelvin Cross Sections

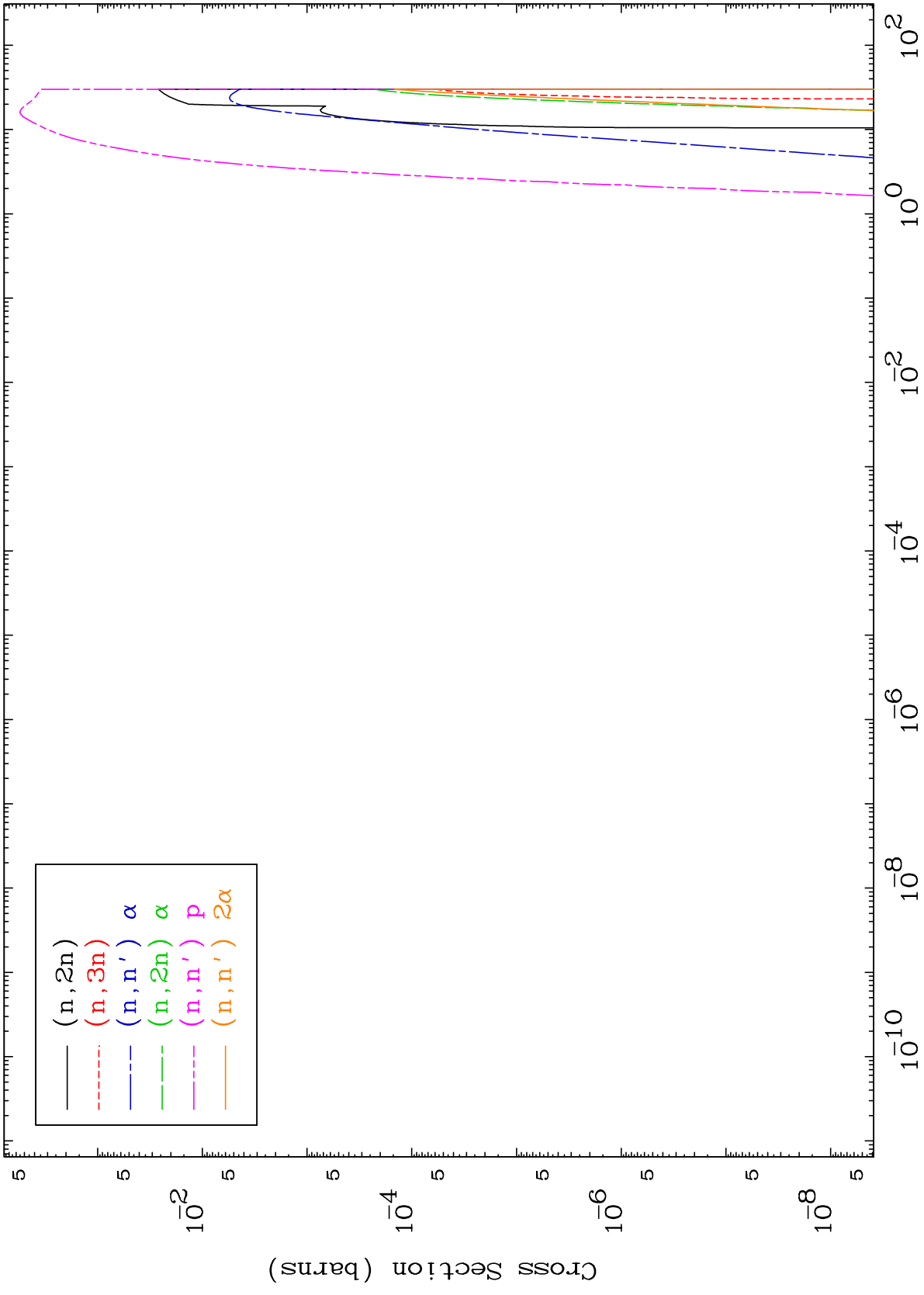
65-Tb-140



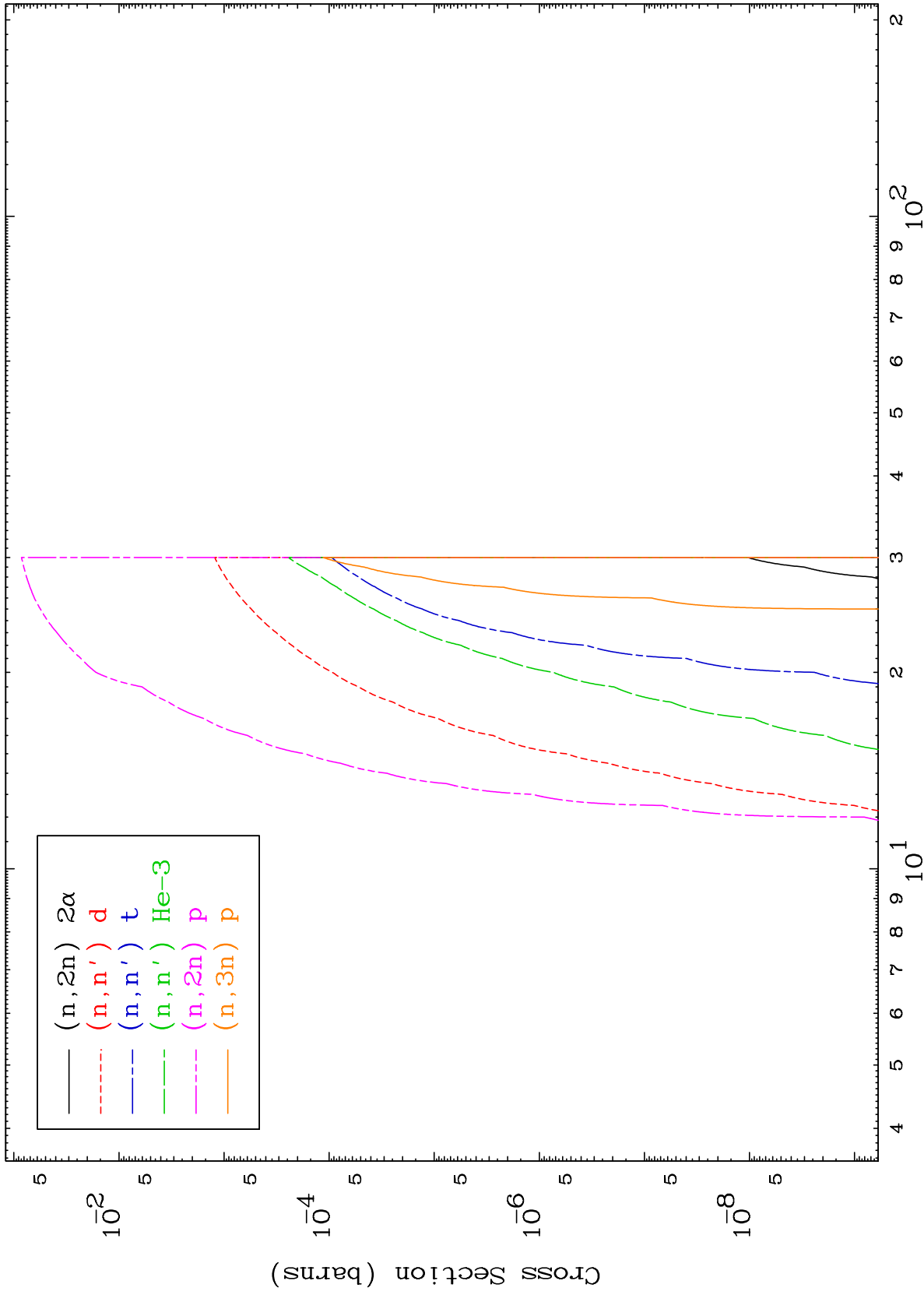
MAT 6468

Neutron Production  
293 Kelvin Cross Sections

65-Tb-140



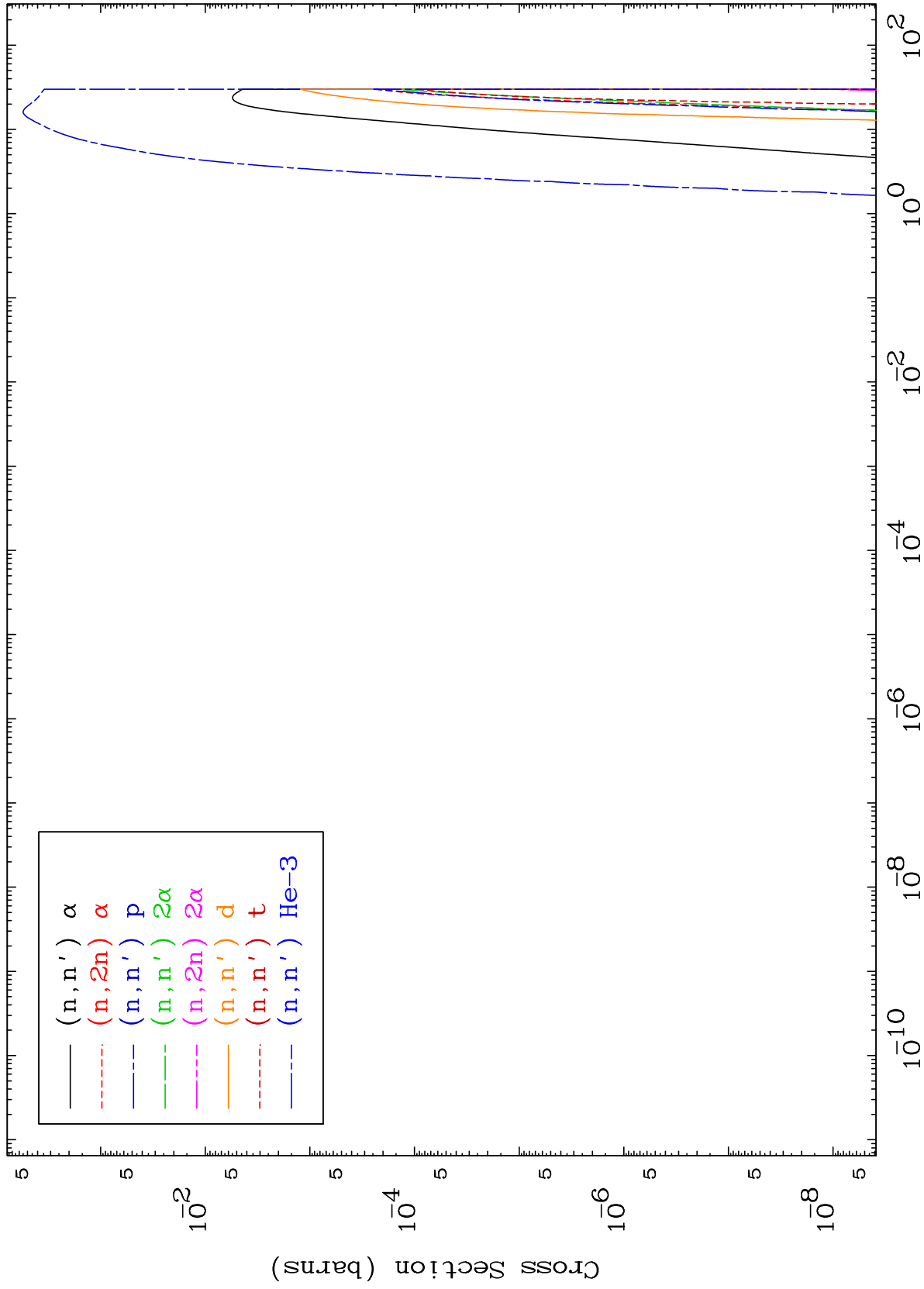
65-Tb-140



MAT 6468

Charged Particle  
293 Kelvin Cross Sections

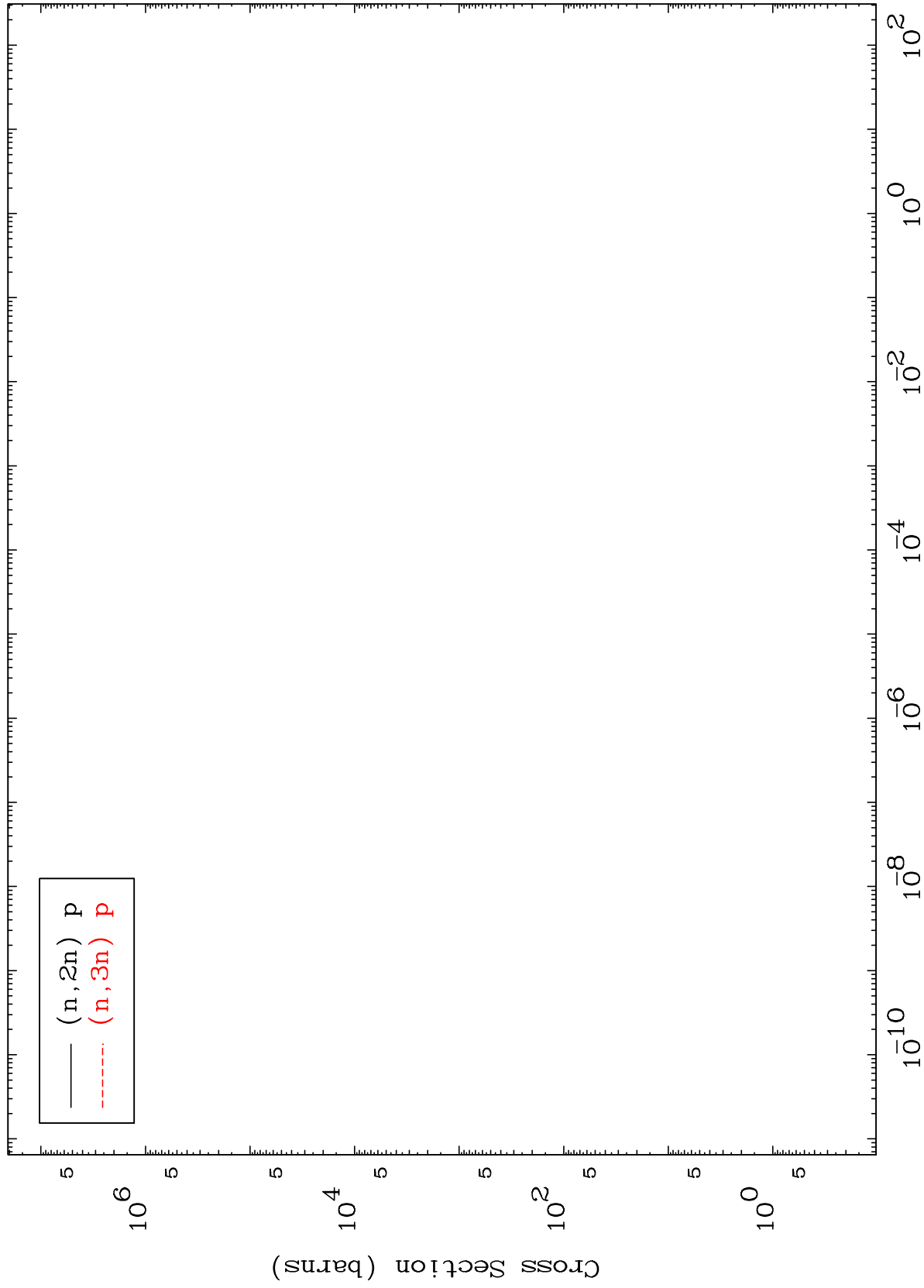
65-Tb-140



MAT 6468

Charged Particle  
293 Kelvin Cross Sections

65-Tb-140



5

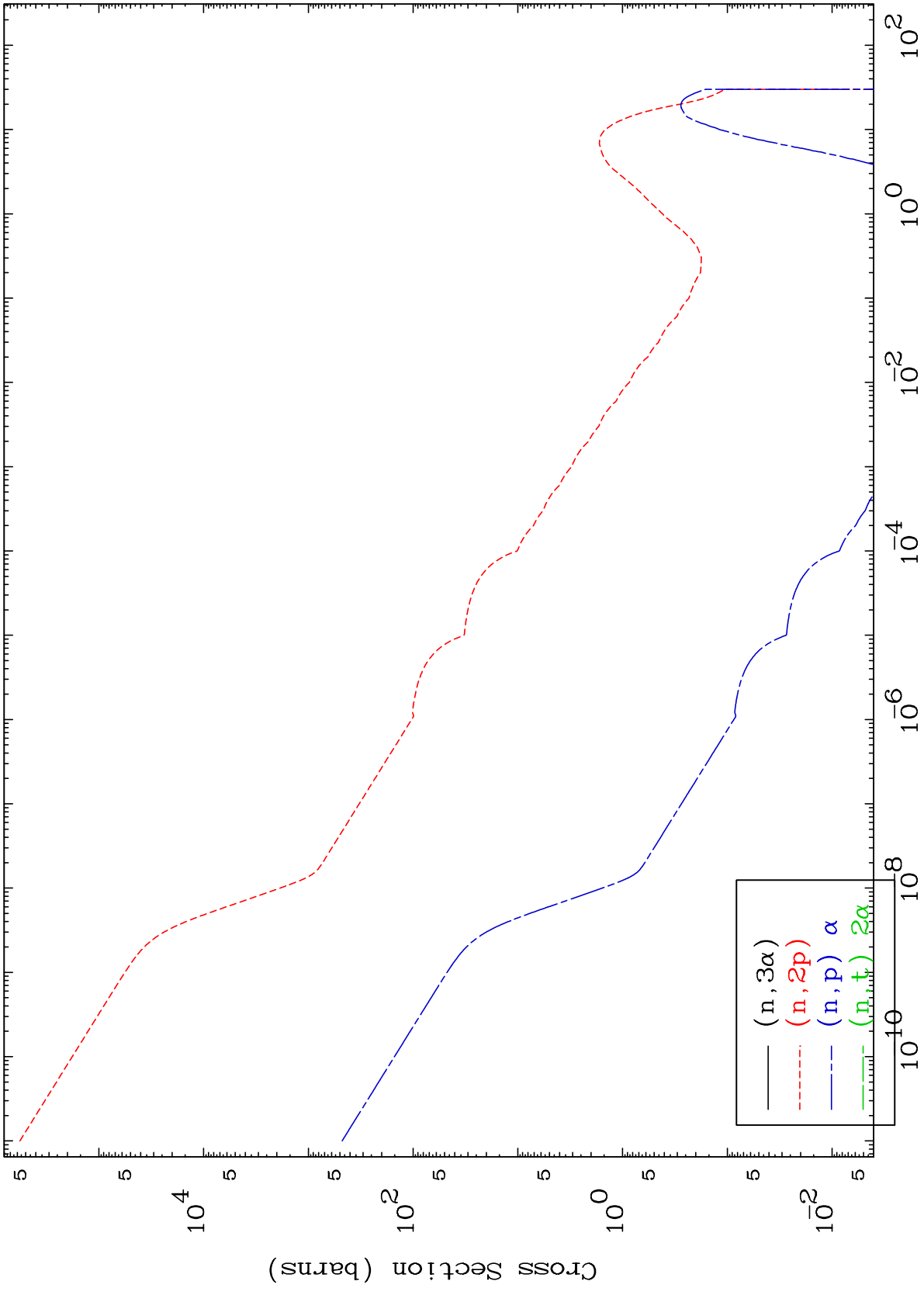
Incident Energy (MeV)

65-Tb-140

MAT 6468

Charged Particle  
293 Kelvin Cross Sections

65-Tb-140

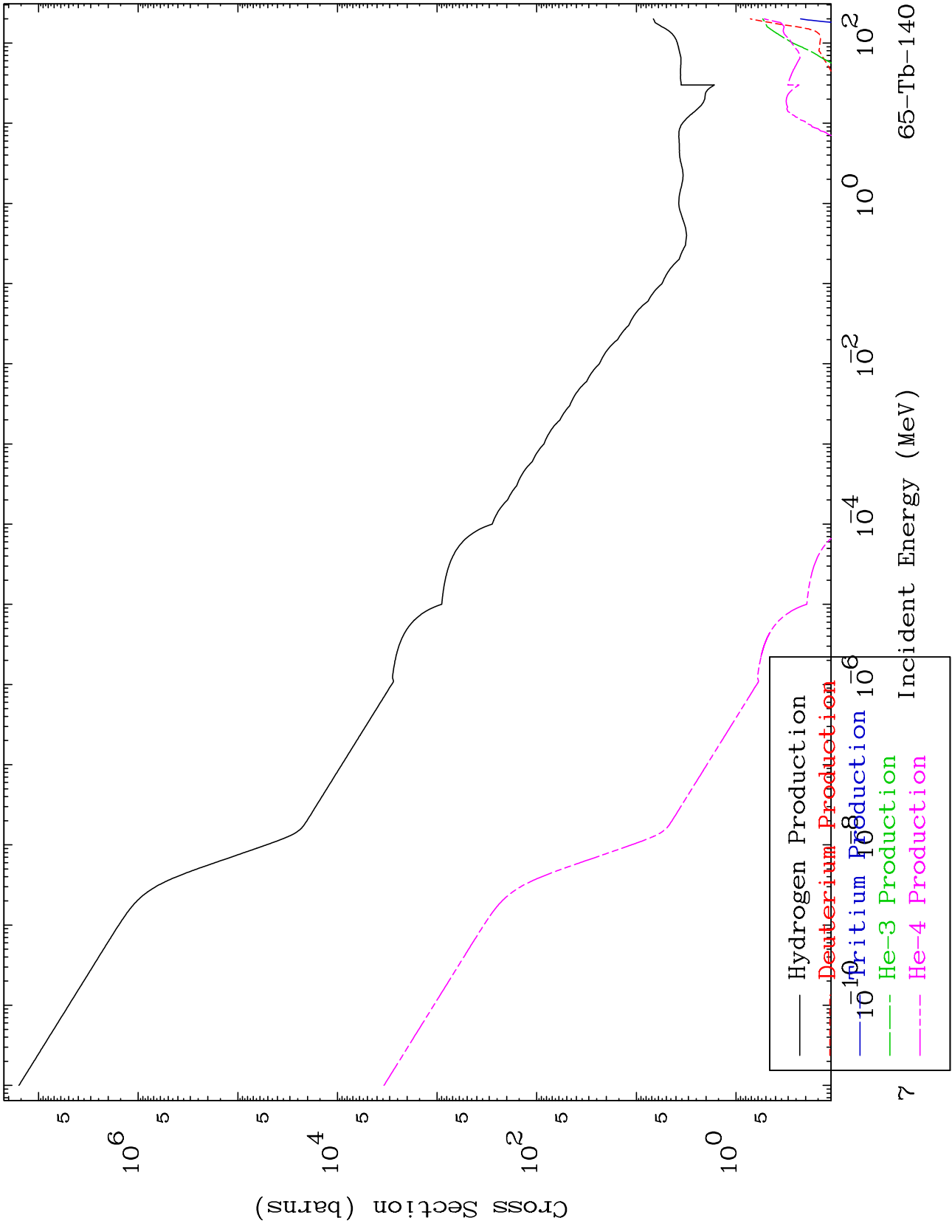


65-Tb-140

MAT 6468

Particle Production  
293 Kelvin Cross Sections

65-Tb-140

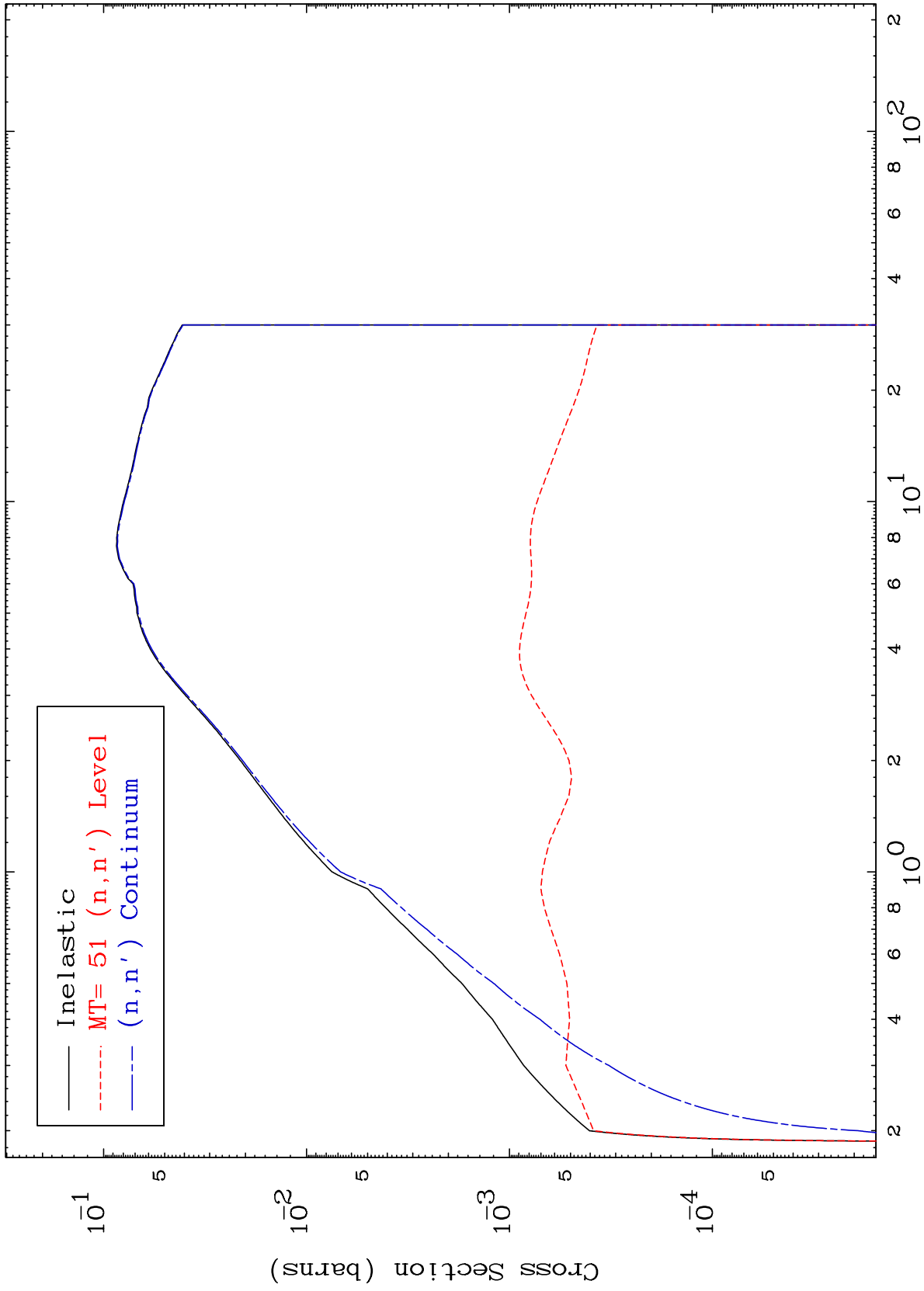


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MAT 6468

(n,n') Level  
293 Kelvin Cross Sections

65-Tb-140



8

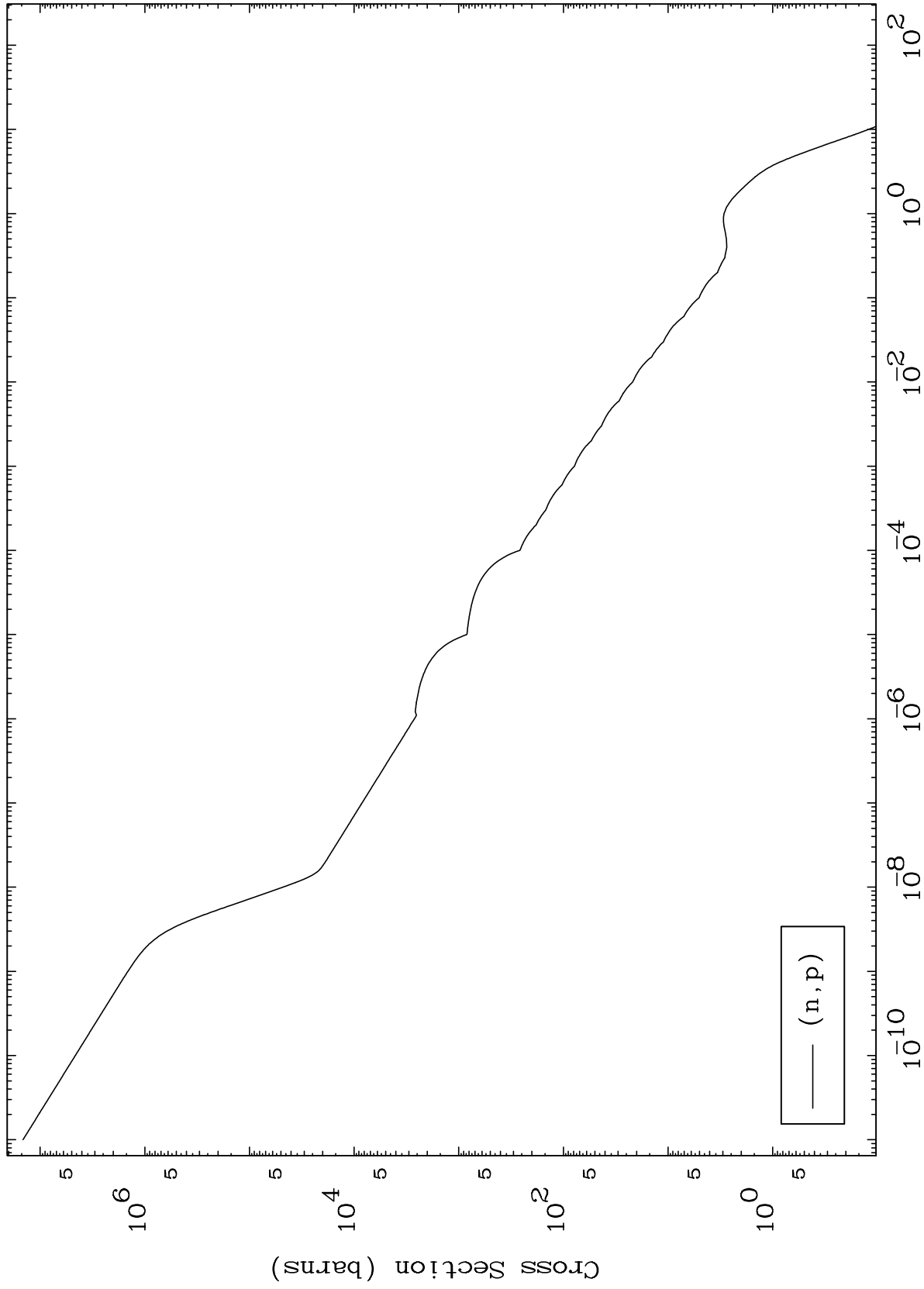
Incident Energy (MeV)

65-Tb-140

MAT 6468

(n,p) Levels  
293 Kelvin Cross Sections

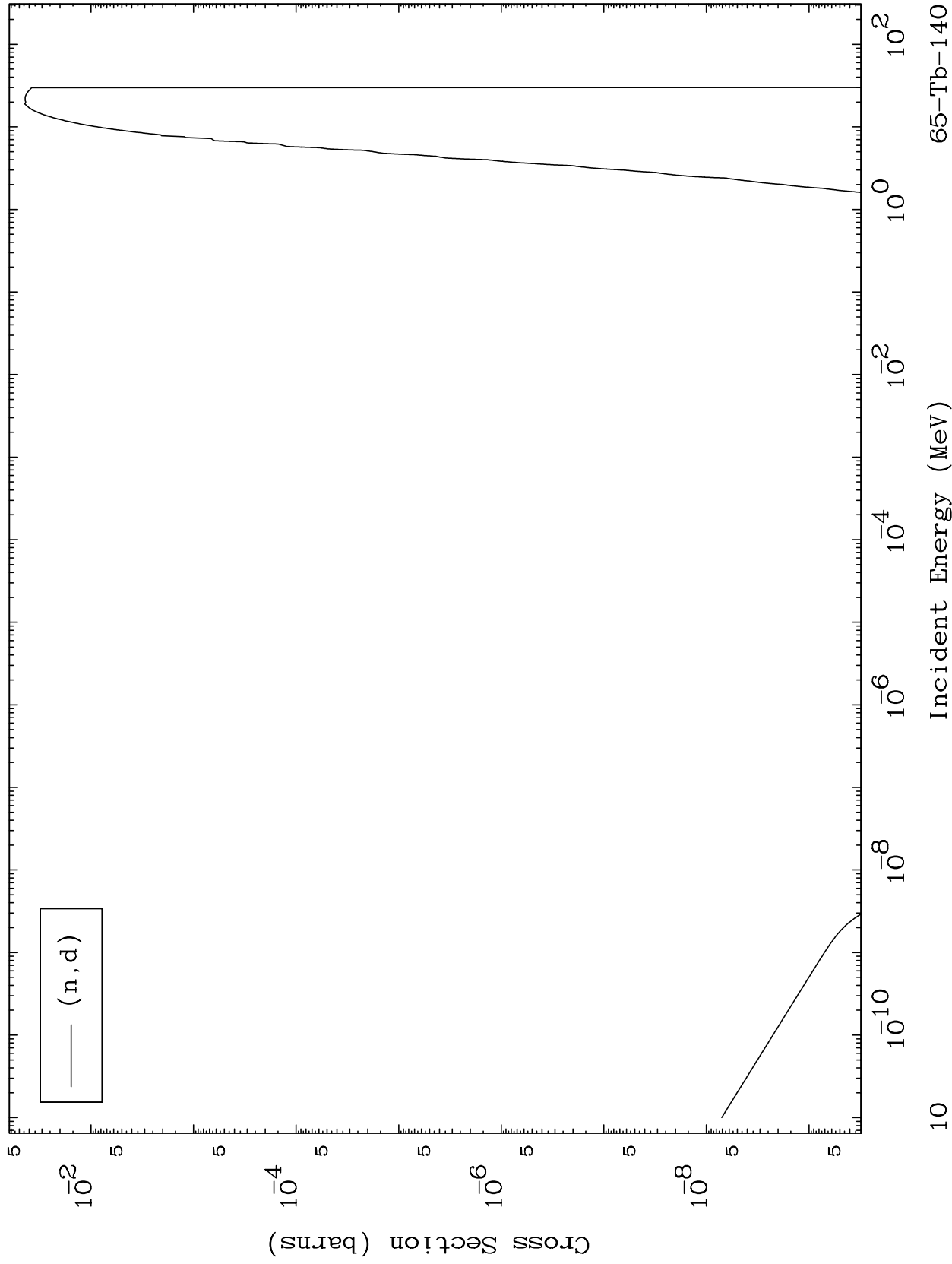
65-Tb-140



MAT 6468

(n,d) Levels  
293 Kelvin Cross Sections

65-Tb-140



10

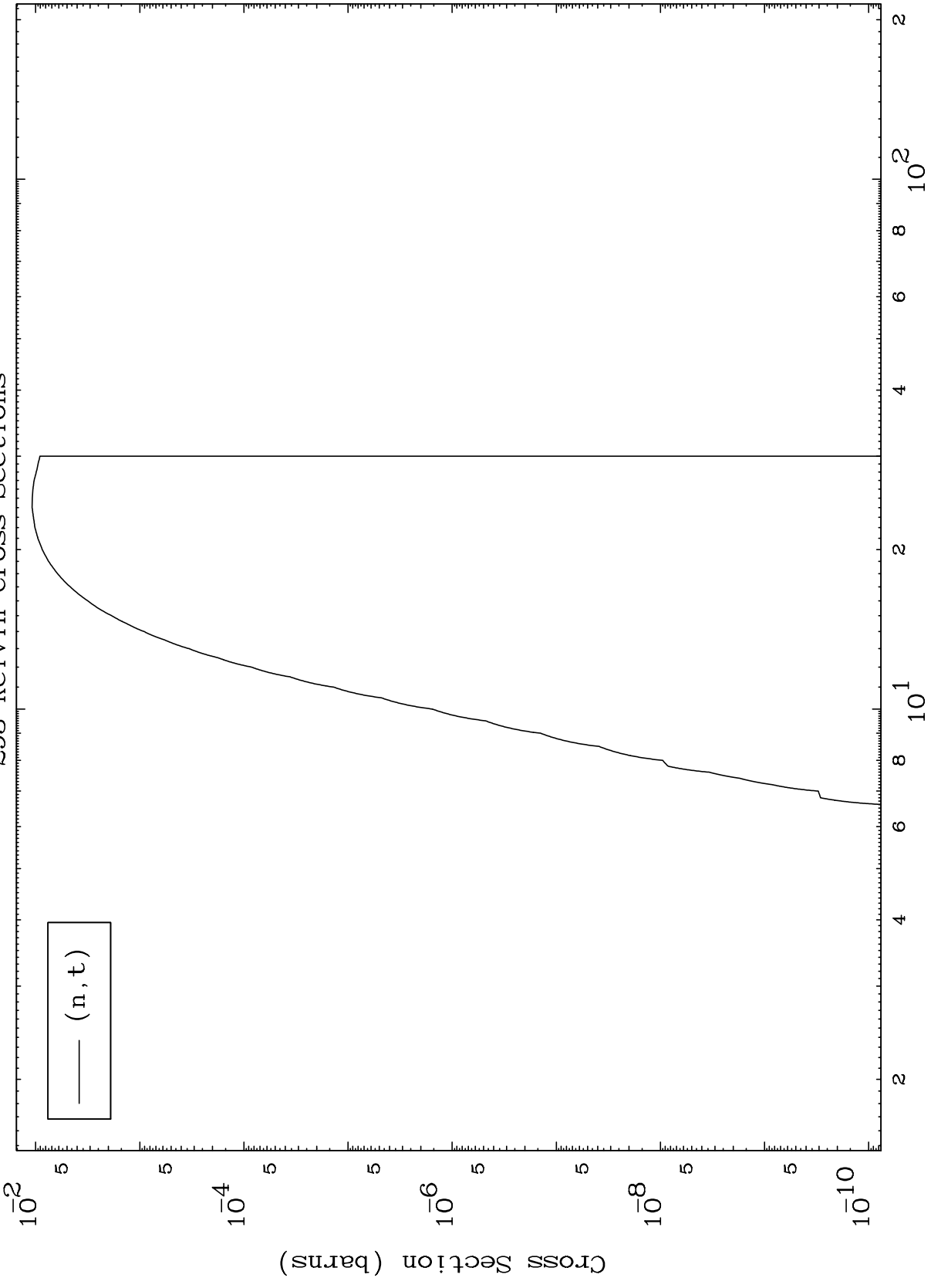
Incident Energy (MeV)

65-Tb-140

MAT 6468

(n,t) Levels  
293 Kelvin Cross Sections

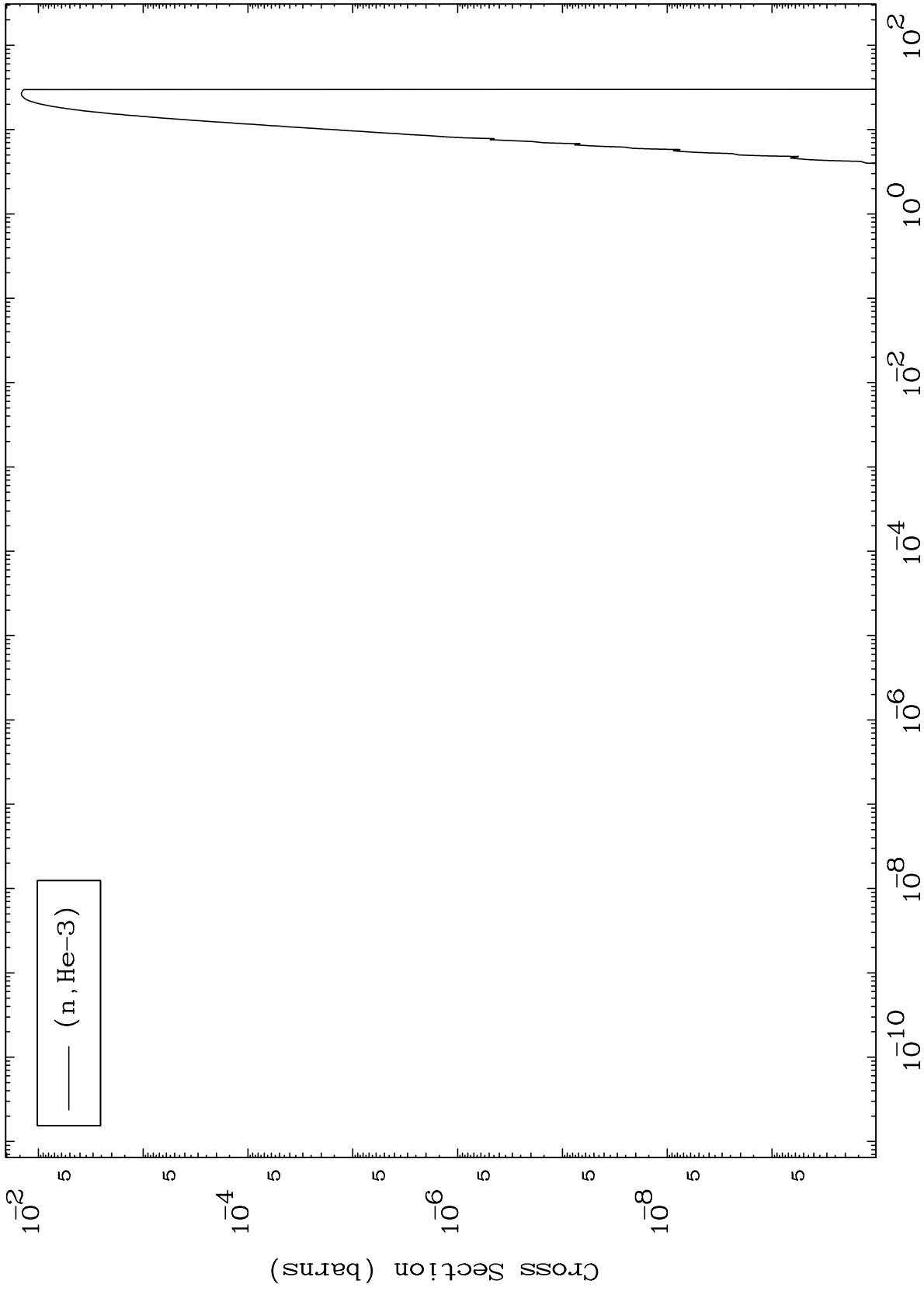
65-Tb-140



MAT 6468

(n,He3) Levels  
293 Kelvin Cross Sections

65-Tb-140



12

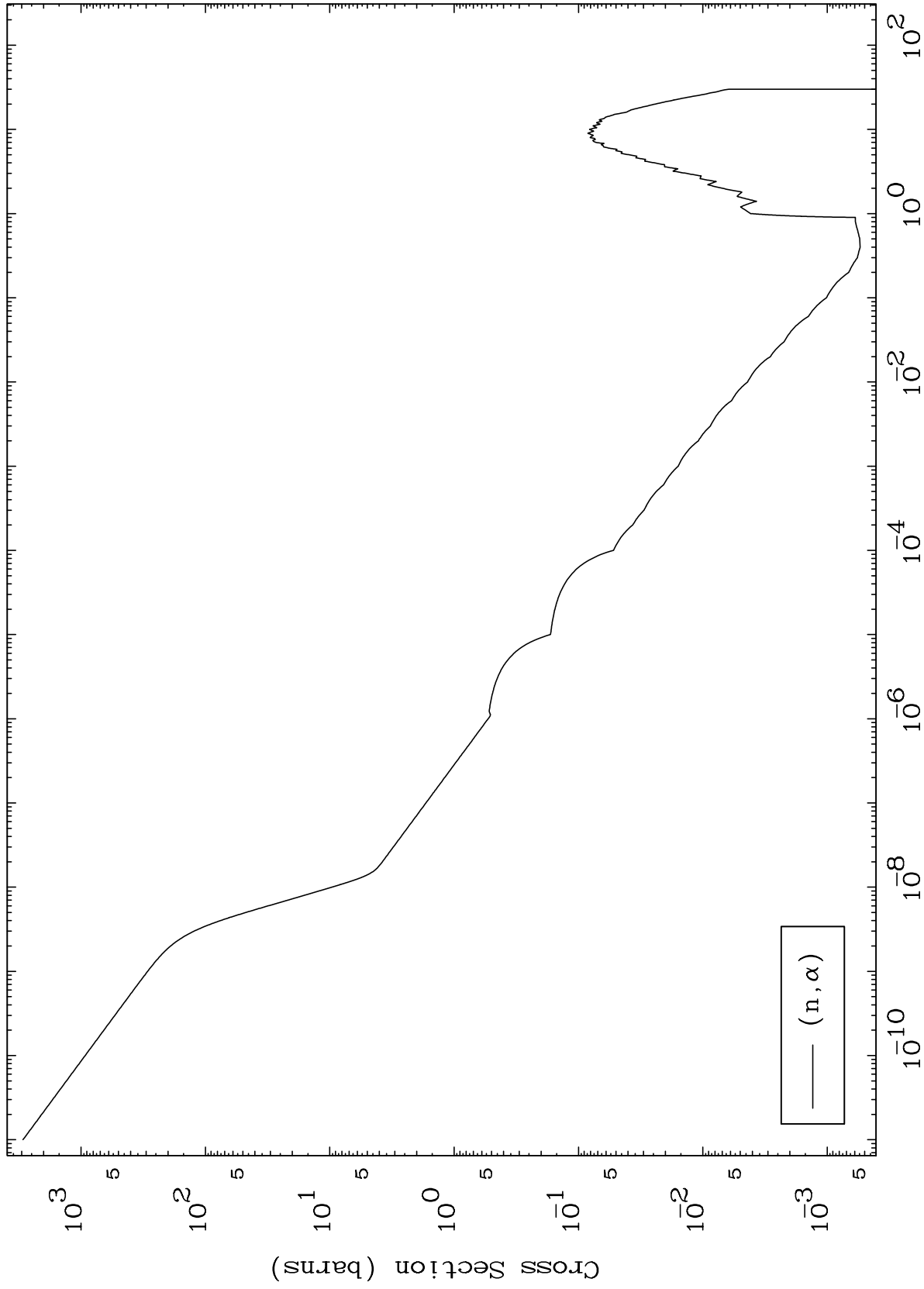
Incident Energy (MeV)

65-Tb-140

MAT 6468

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

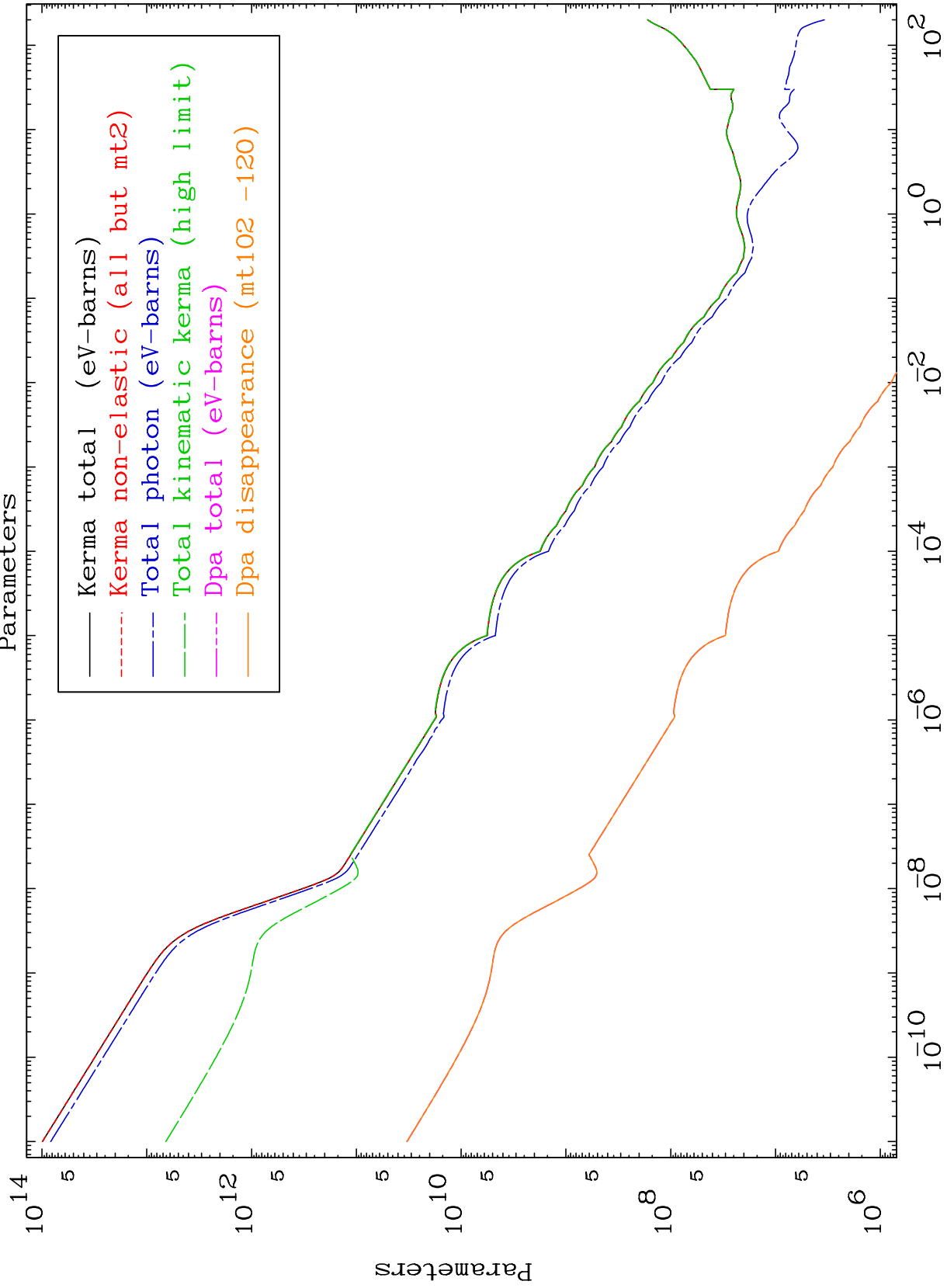
65-Tb-140



MAT 6468

Energy Release  
Parameters

65-Tb-140



14

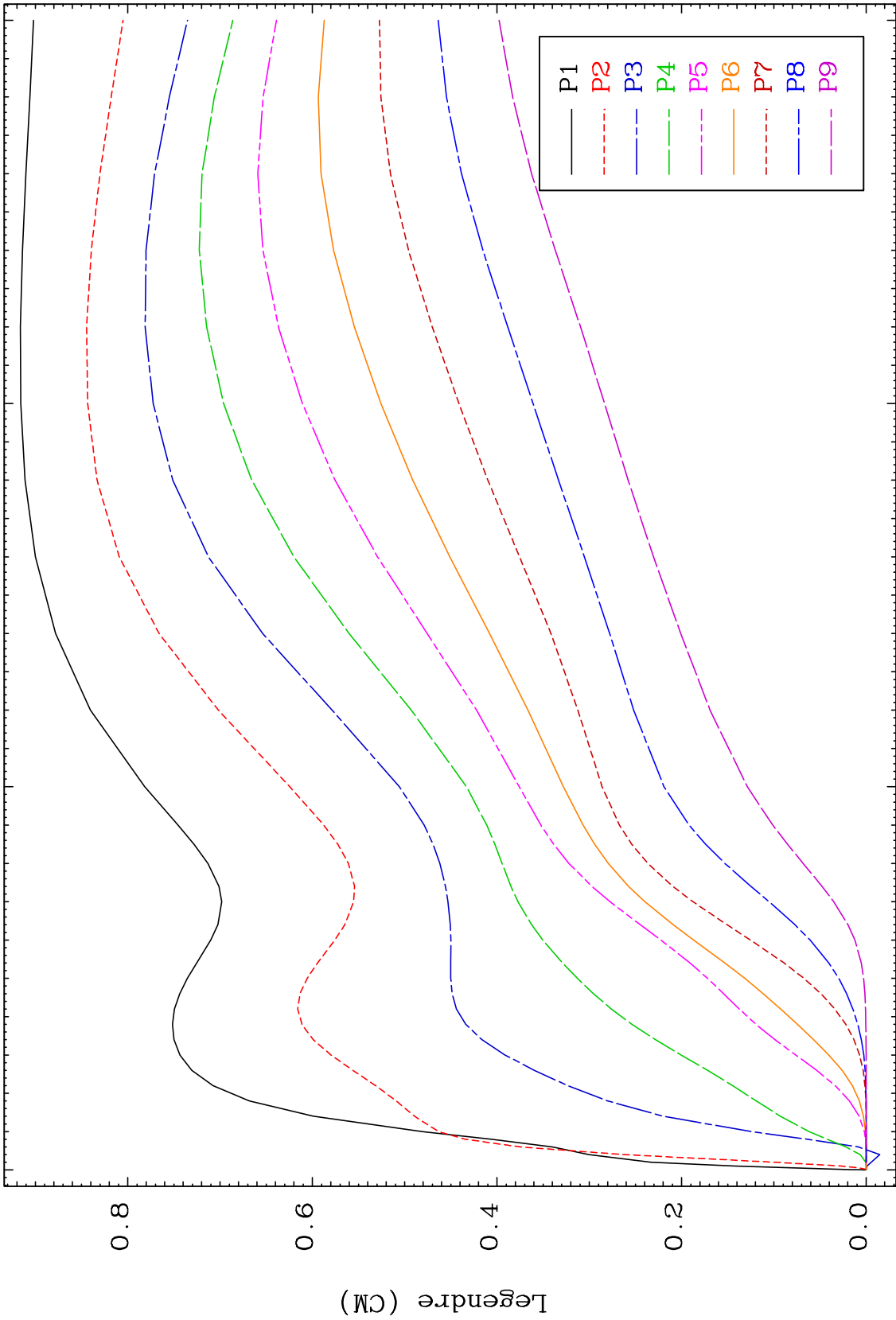
Incident Energy (MeV)

65-Tb-140

MAT 6468

Elastic Legendre Coefficients

65-Tb-140



15

Incident Energy (MeV)

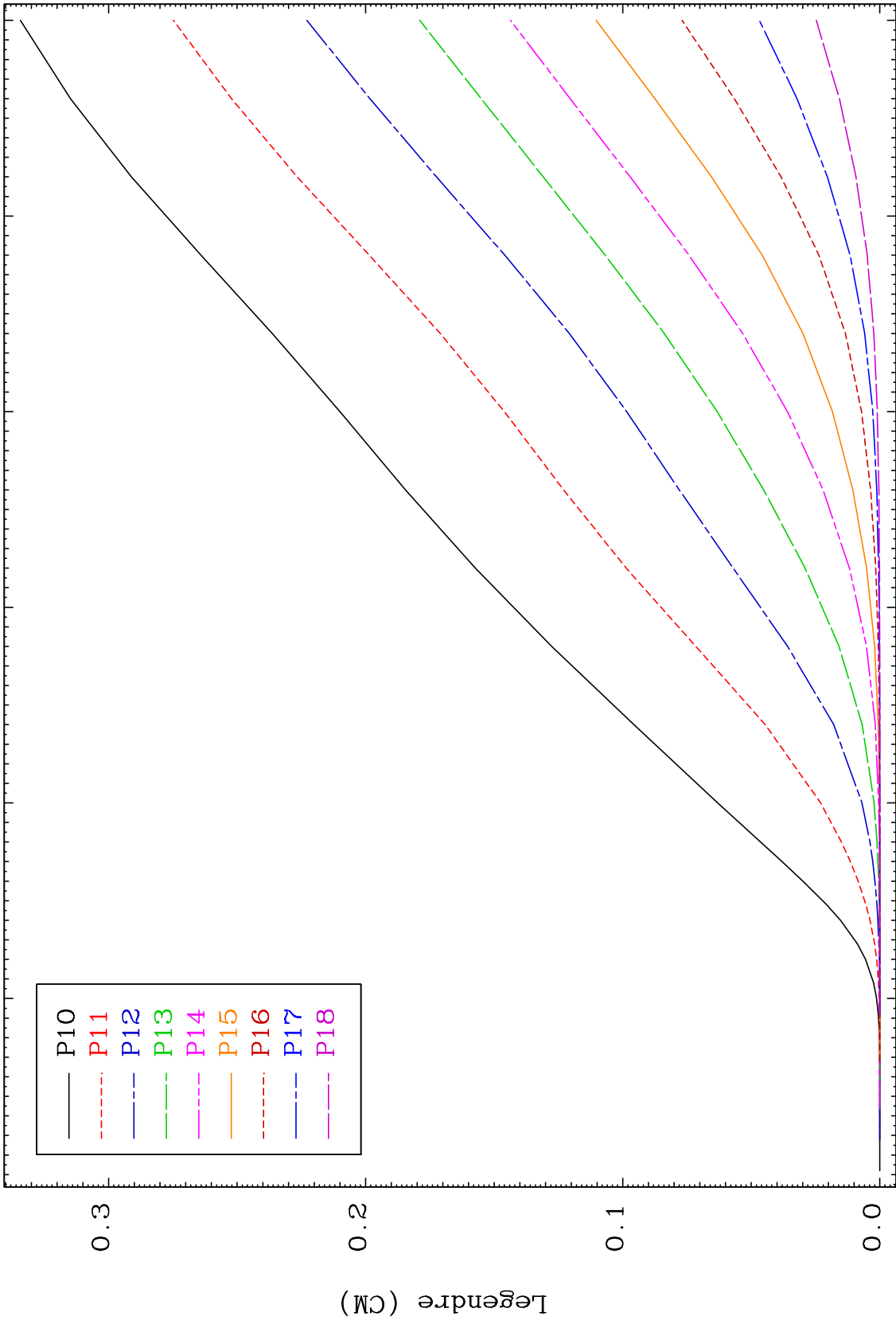
65-Tb-140

30

MAT 6468

Elastic Legendre Coefficients

65-Tb-140



16

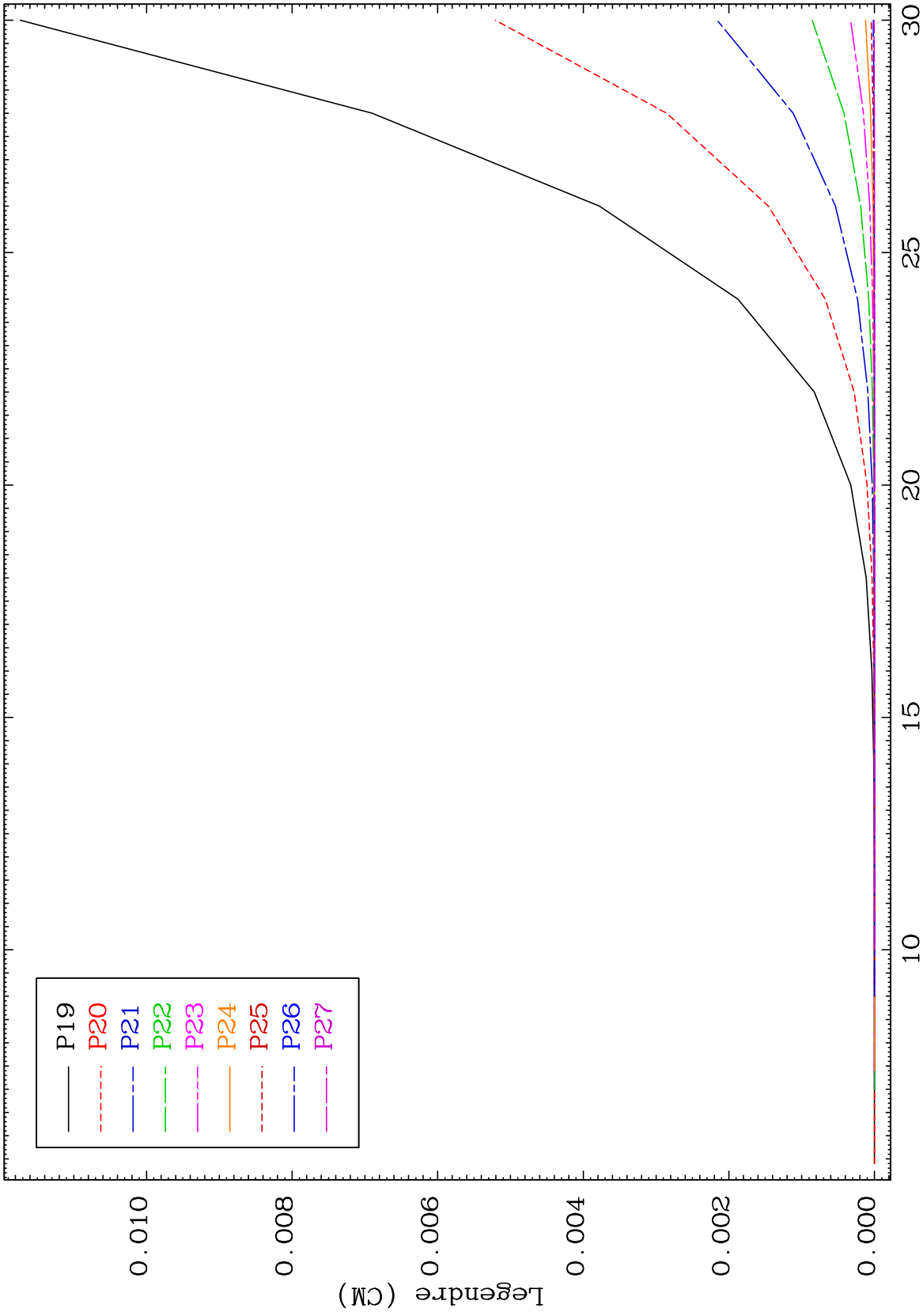
Incident Energy (MeV)

65-Tb-140

MAT 6468

### Elastic Legendre Coefficients

65-Tb-140



17

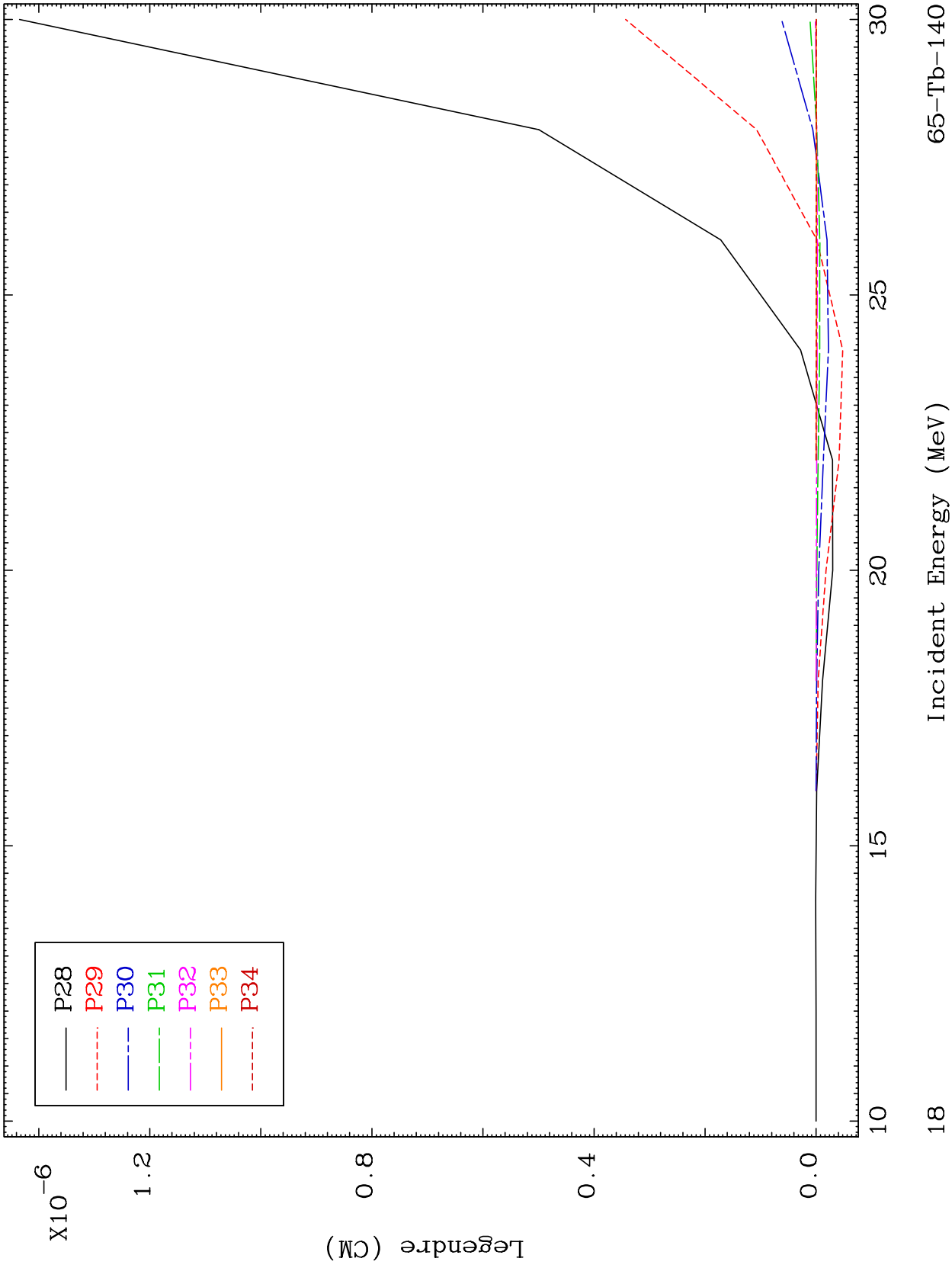
Incident Energy (MeV)

65-Tb-140

MAT 6468

Elastic Legendre Coefficients

65-Tb-140



18

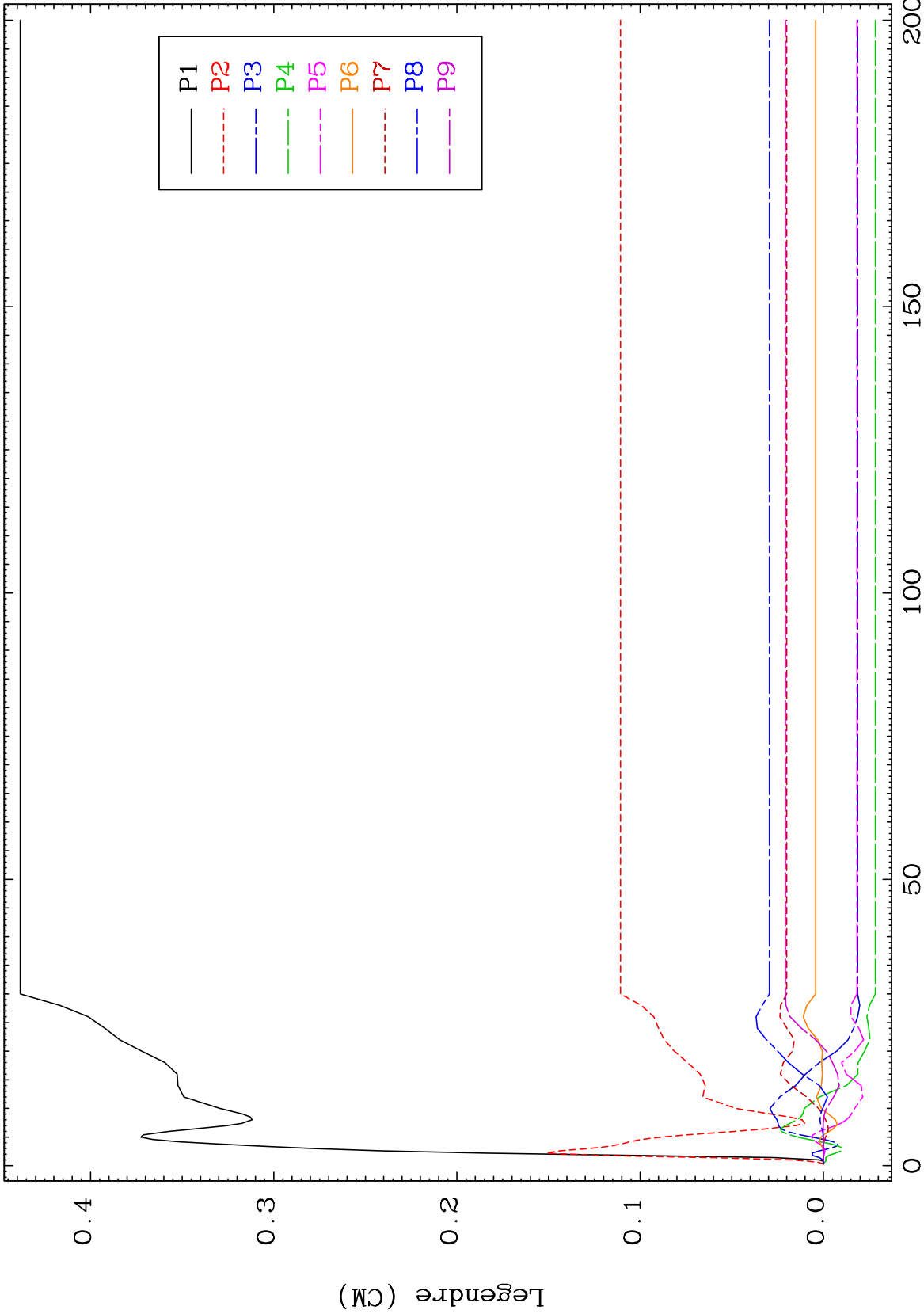
Incident Energy (MeV)

65-Tb-140

MAT 6468

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

65-Tb-140



19

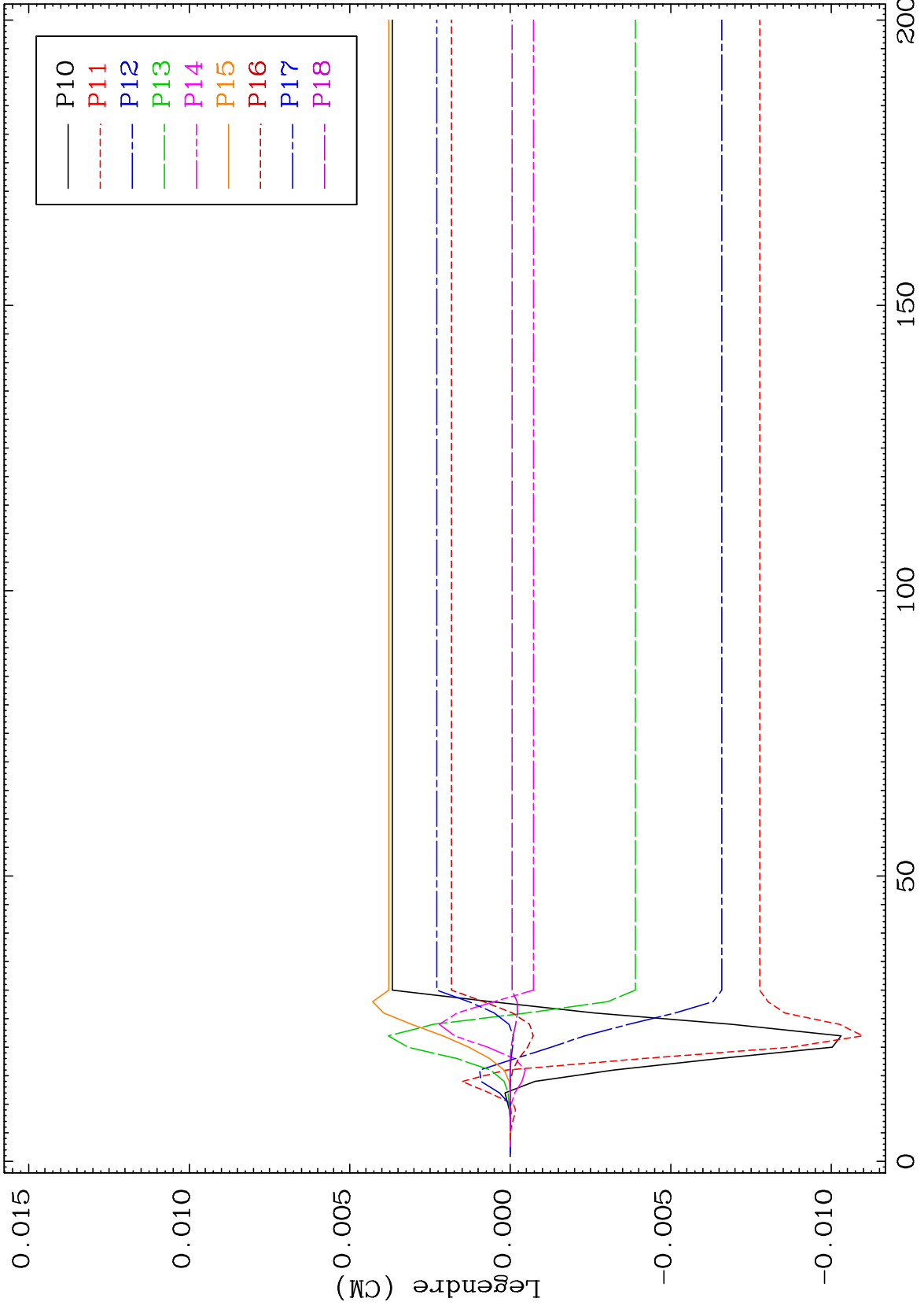
Incident Energy (MeV)

65-Tb-140

MAT 6468

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

65-Tb-140



0

50

100

150

200

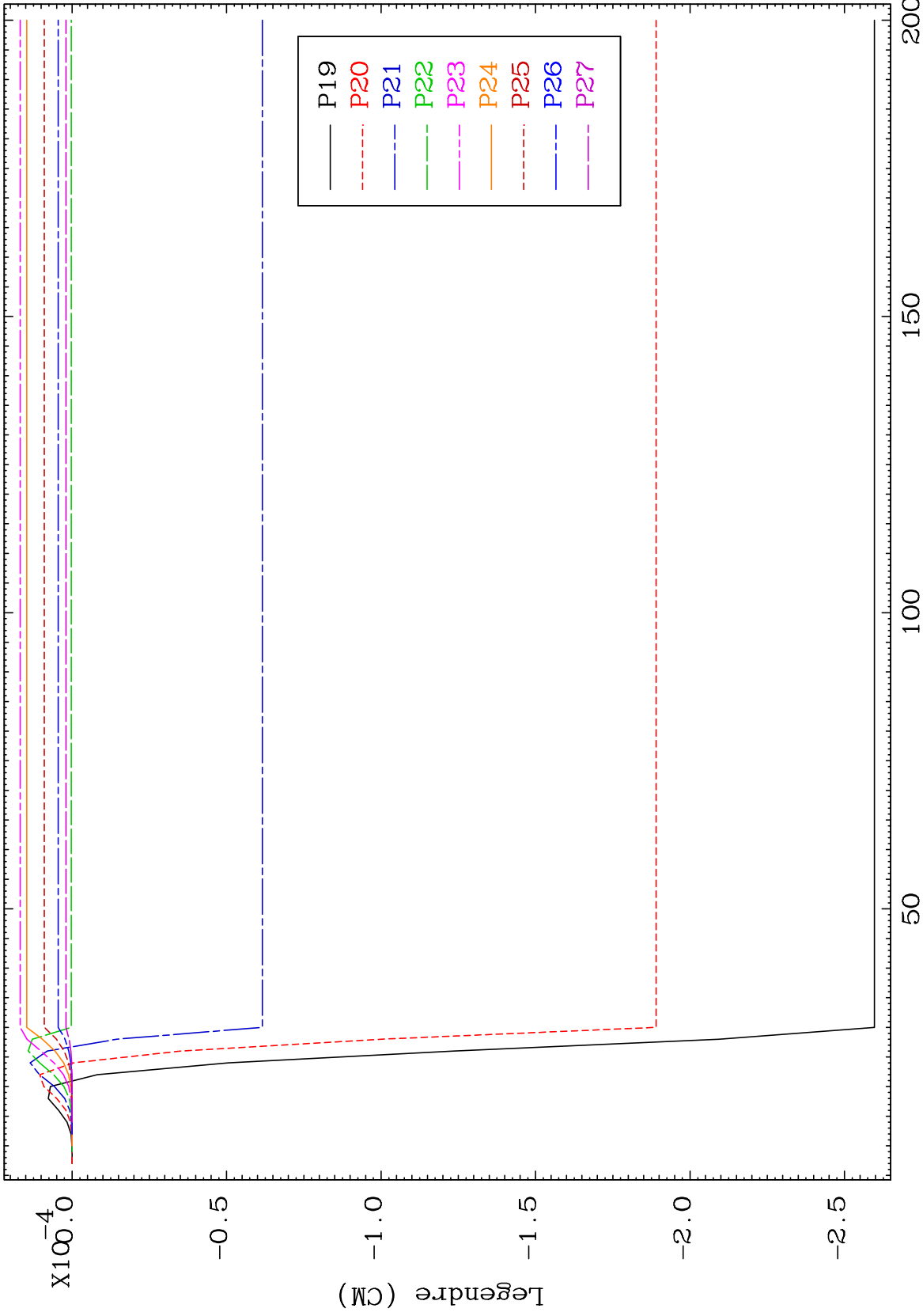
Incident Energy (MeV)

65-Tb-140

MAT 6468

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

65-Tb-140



65-Tb-140

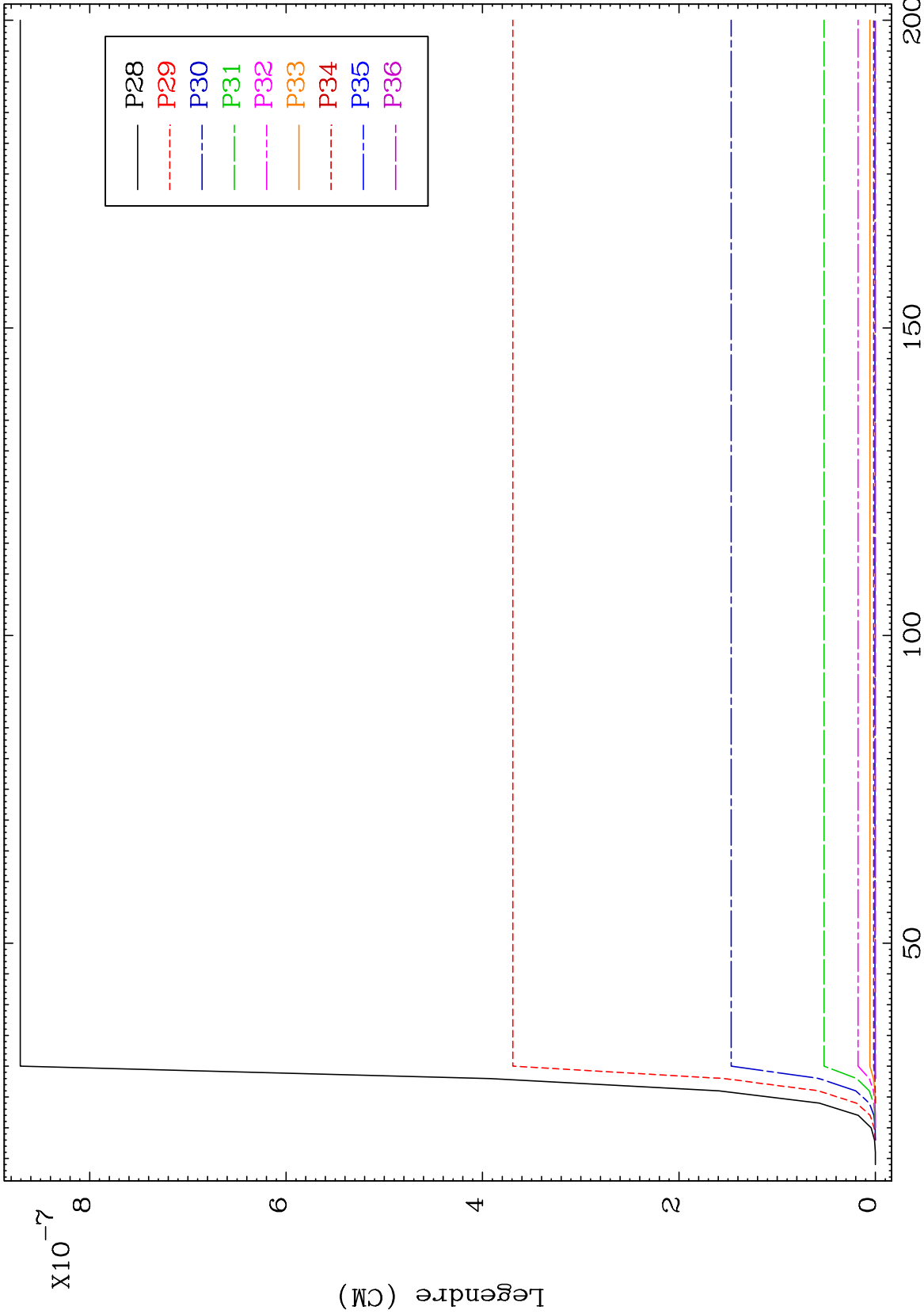
Incident Energy (MeV)

21

MAT 6468

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

65-Tb-140



22

Incident Energy (MeV)

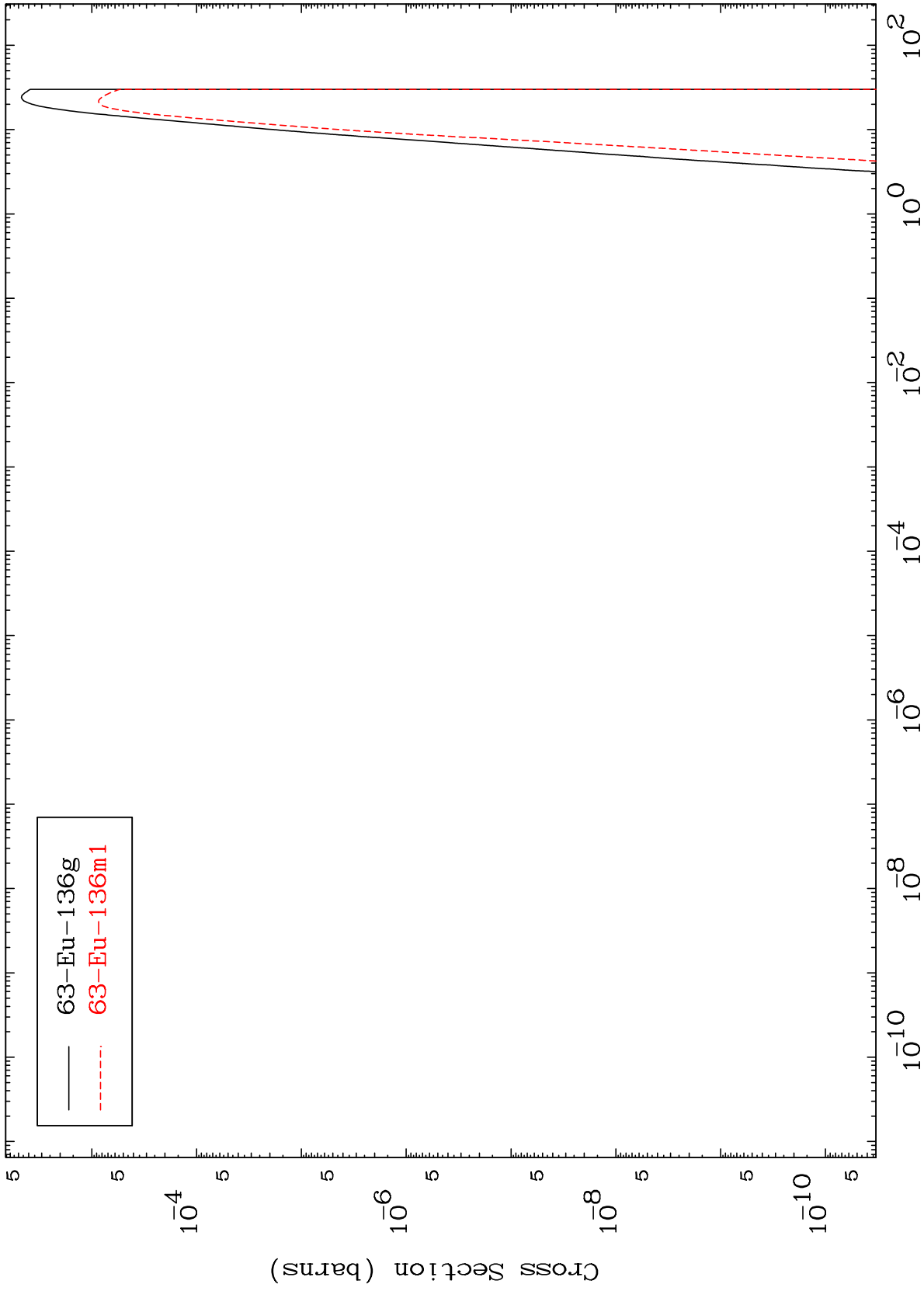
65-Tb-140

MAT 6468

(n,n')  $\alpha$

65-Tb-140

Radionuclide Production Cross Section



23

Incident Energy (MeV)

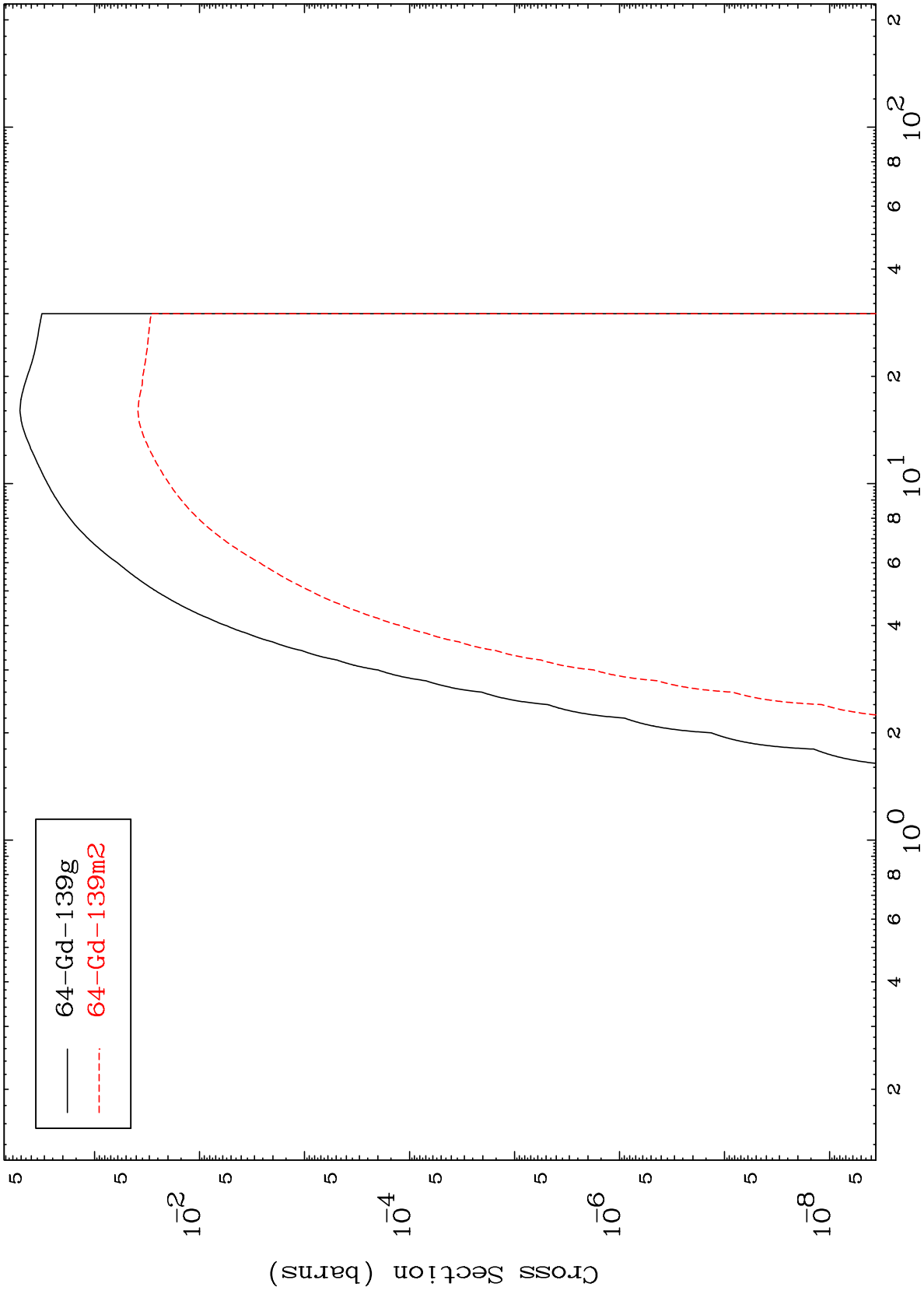
65-Tb-140

MAT 6468

(n,n') p

65-Tb-140

Radionuclide Production Cross Section



24

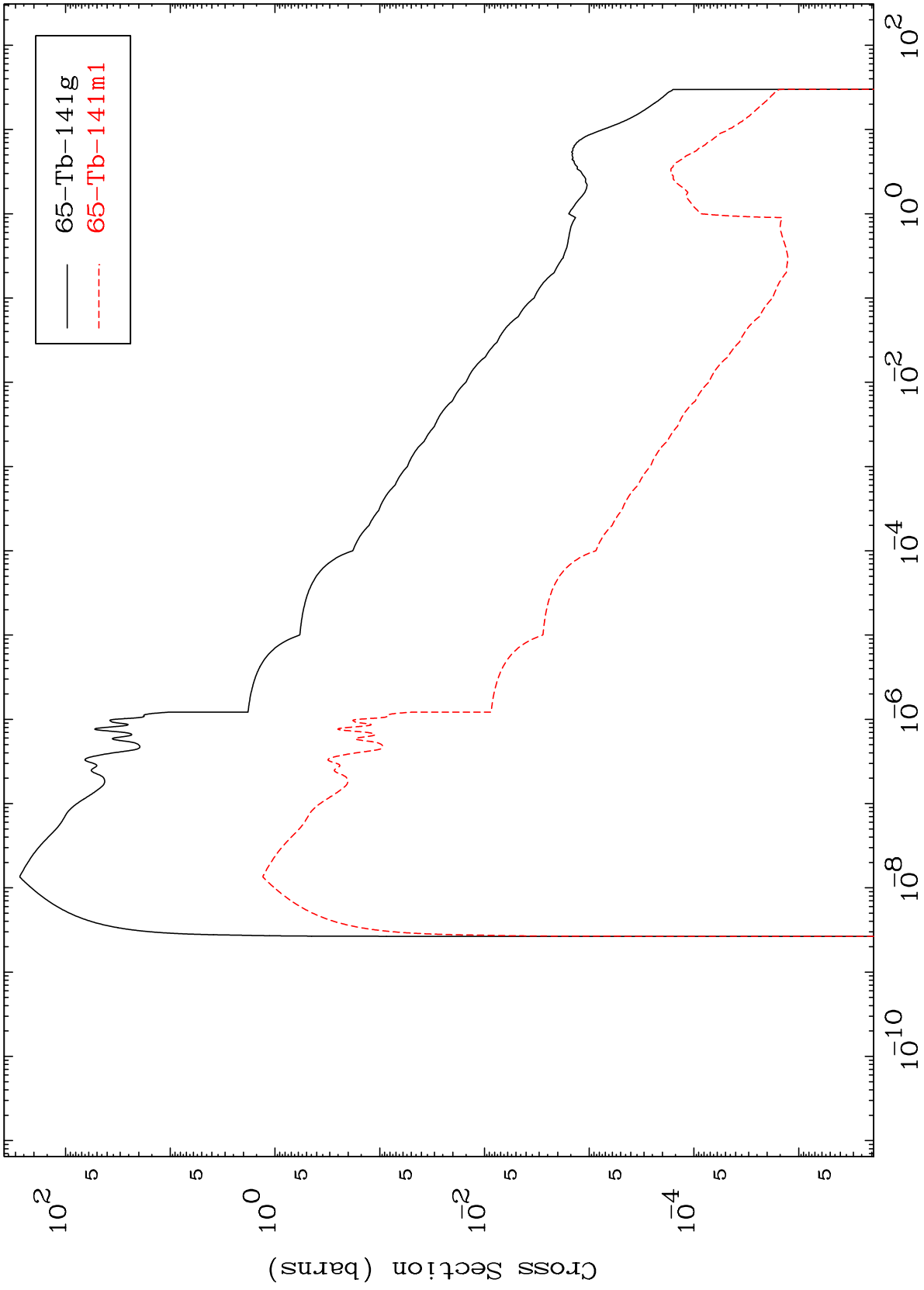
Incident Energy (MeV)

65-Tb-140

MAT 6468

<sup>65</sup>Tb-140

(n,γ)  
Radionuclide Production Cross Section



25

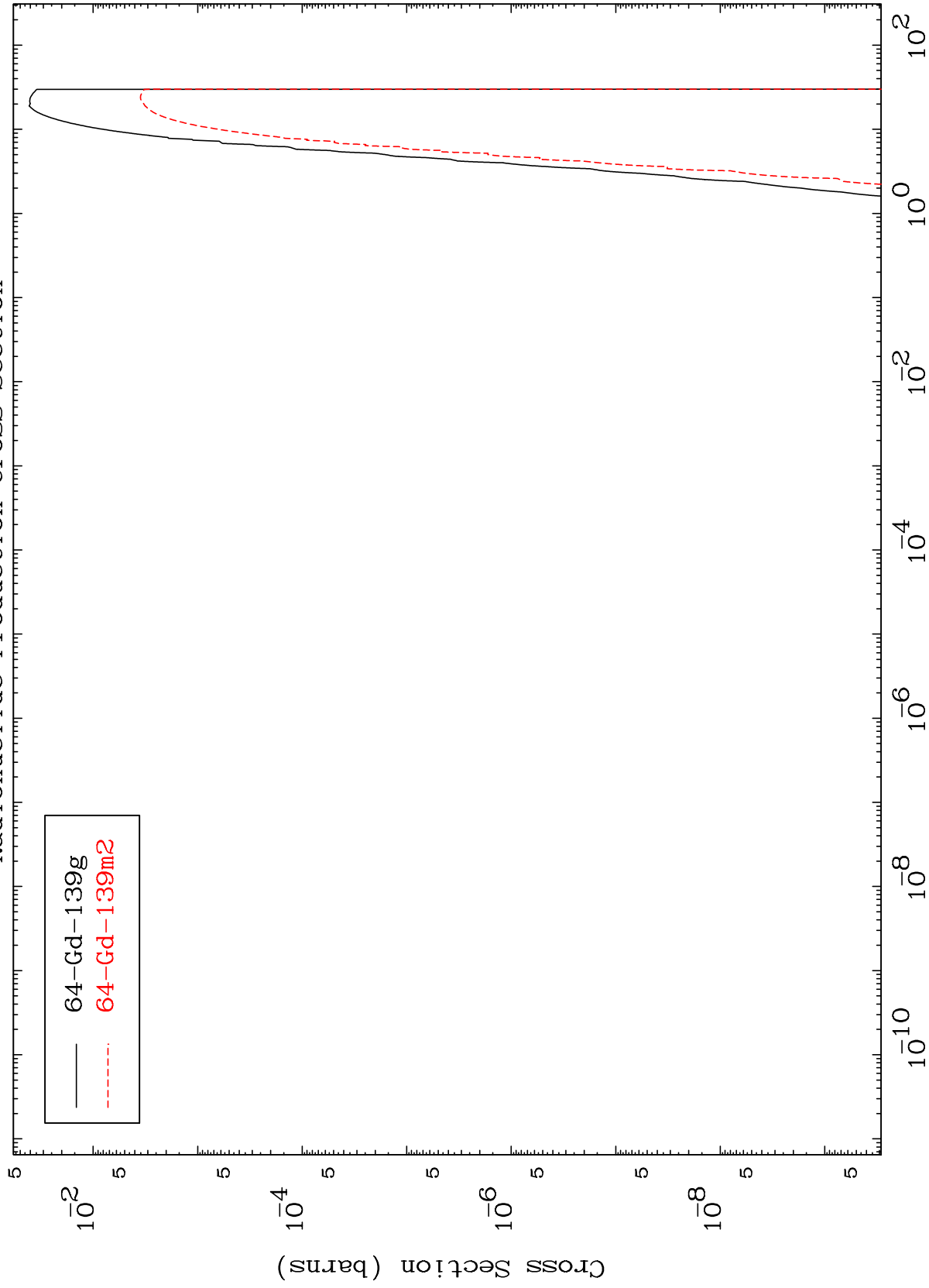
<sup>65</sup>Tb-140

MAT 6468

(n,d)

65-Tb-140

Radionuclide Production Cross Section



26

MAT 6468

(n,2α)

65-Tb-140

Radionuclide Production Cross Section

