

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

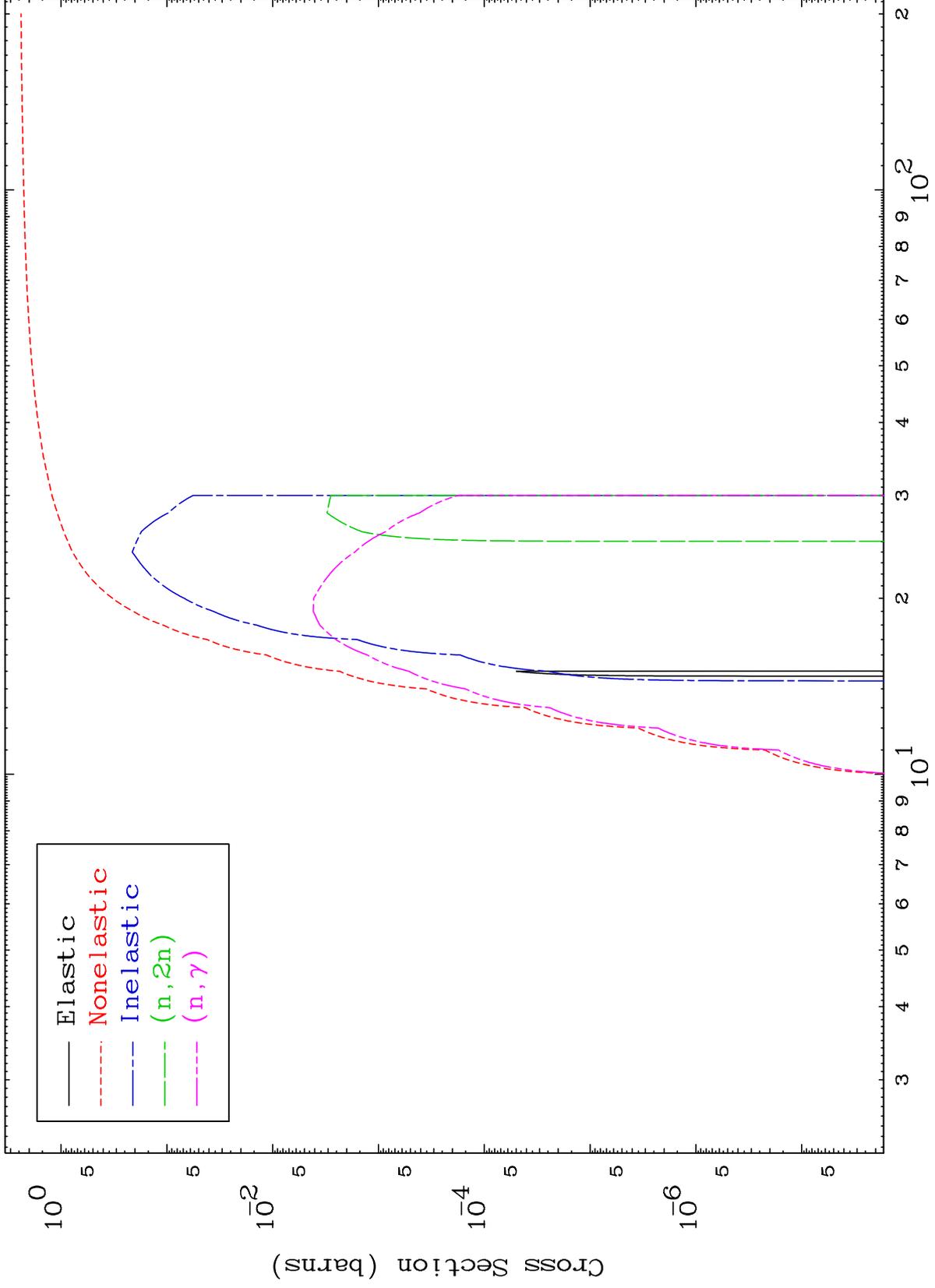
Press Mouse Button to Start

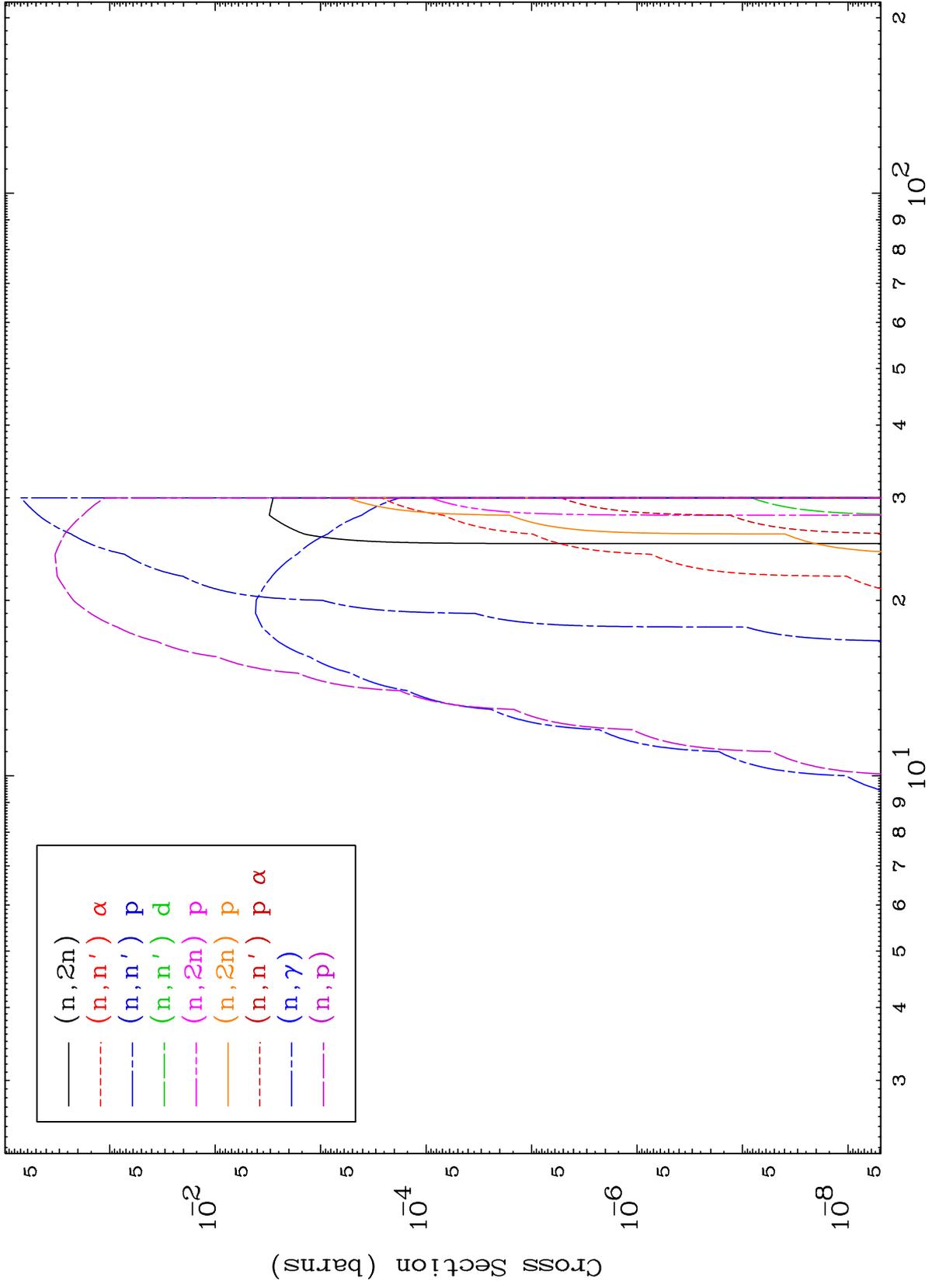
MAT 6483

0 Kelvin Cross Sections

$\alpha$  Major

65-Tb-145

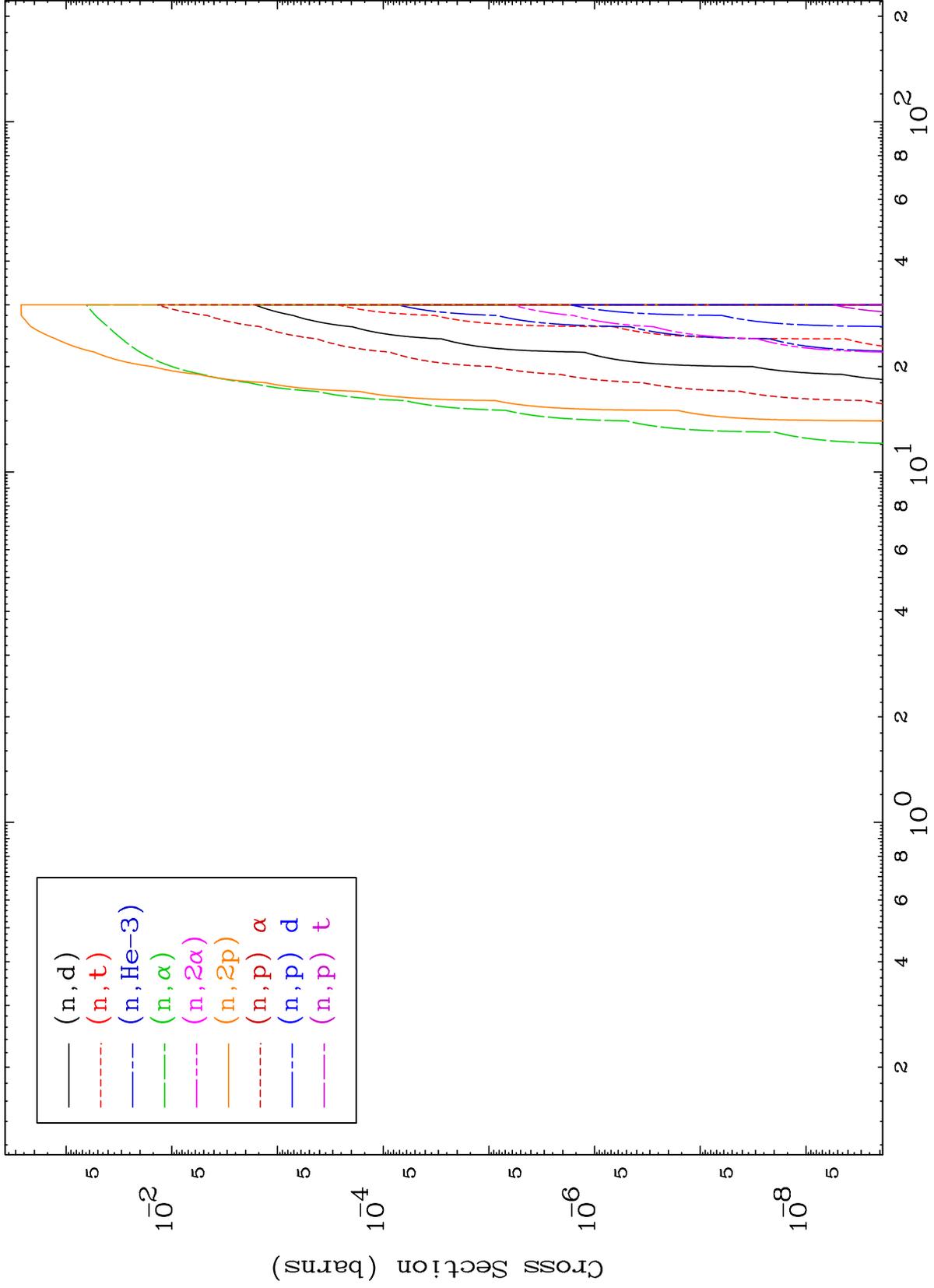


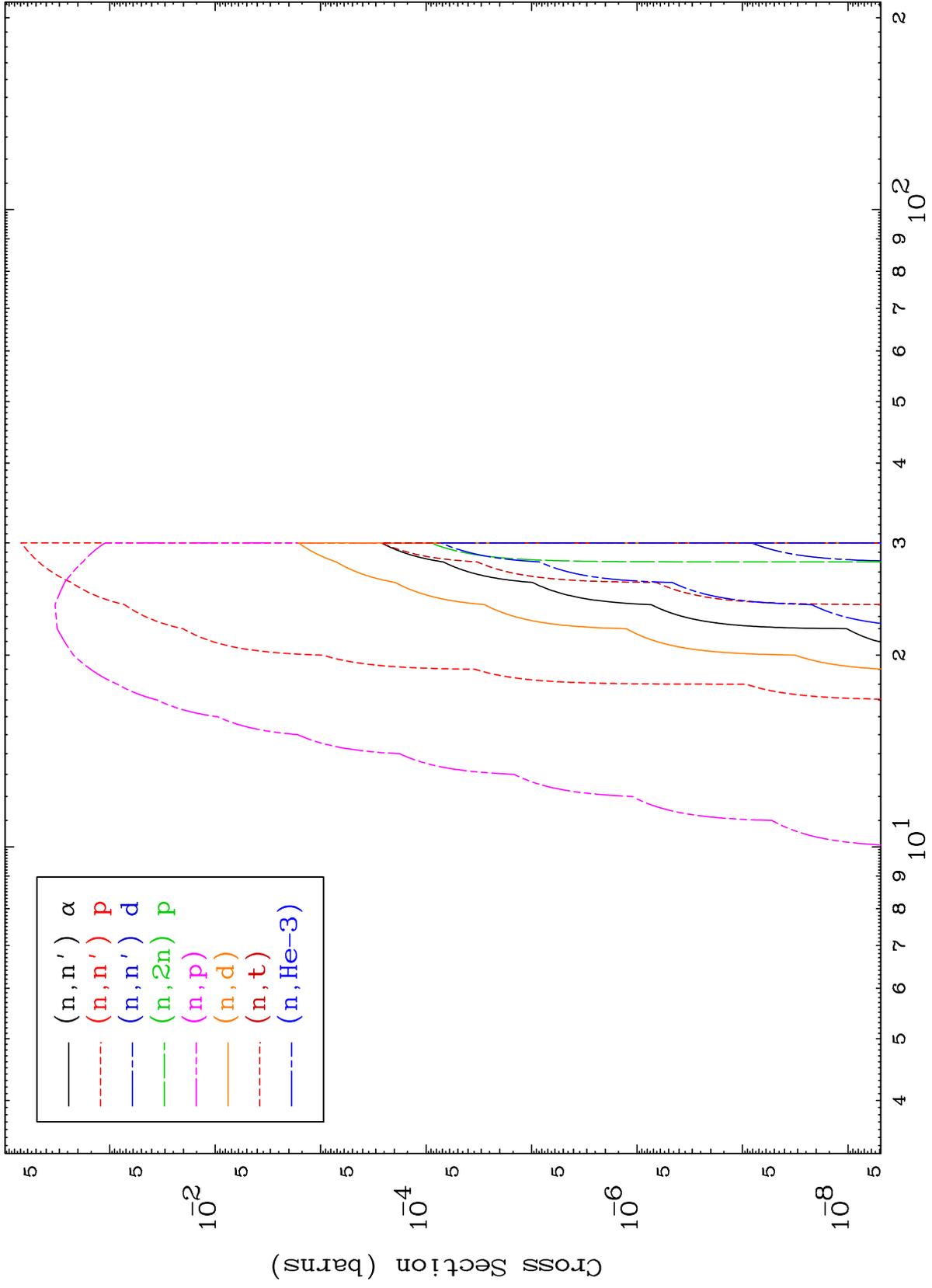


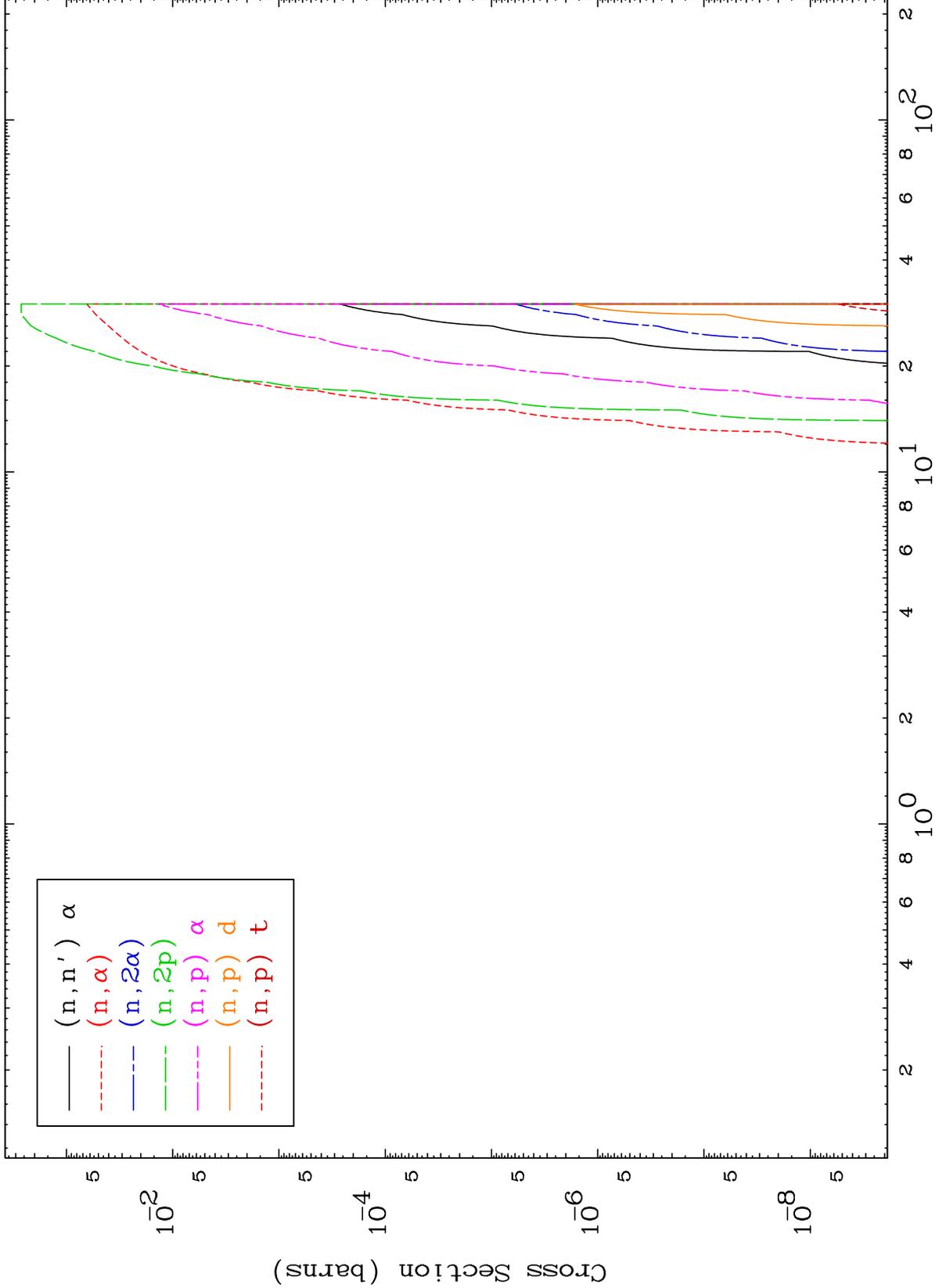
MAT 6483

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

65-Tb-145



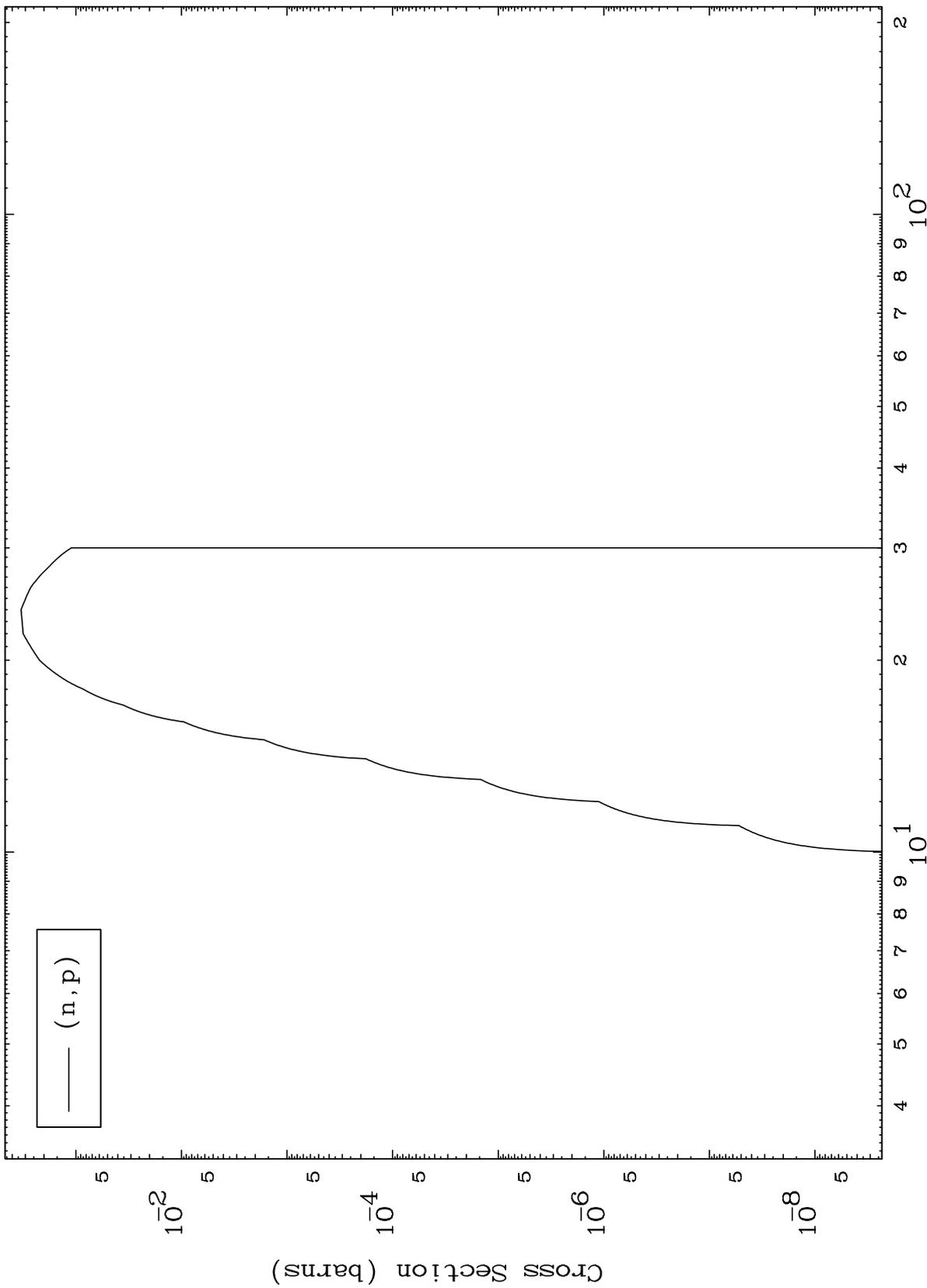




MAT 6483

65-Tb-145

( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections



6

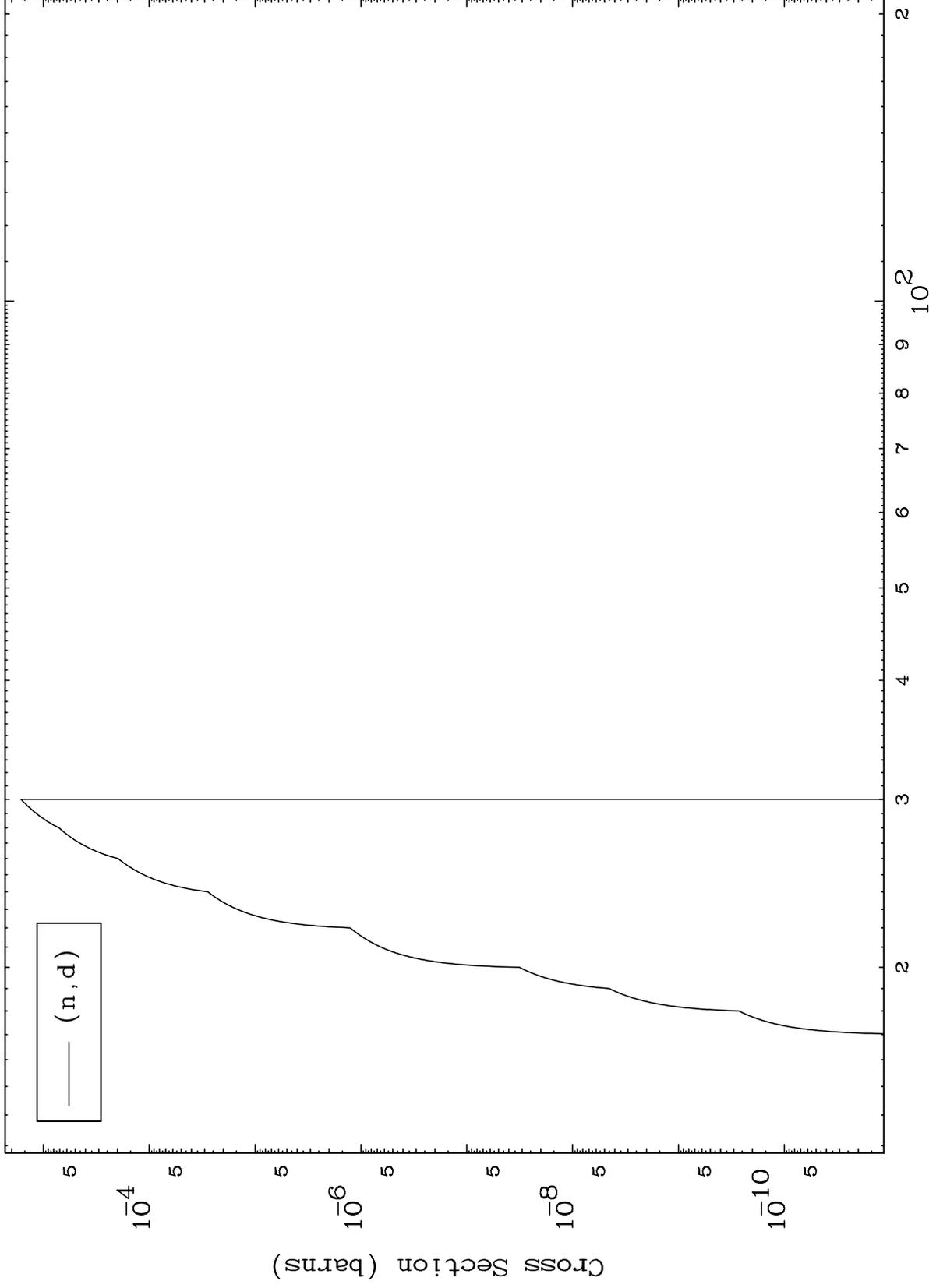
Incident Energy (MeV)

65-Tb-145

MAT 6483

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

65-Tb-145



7

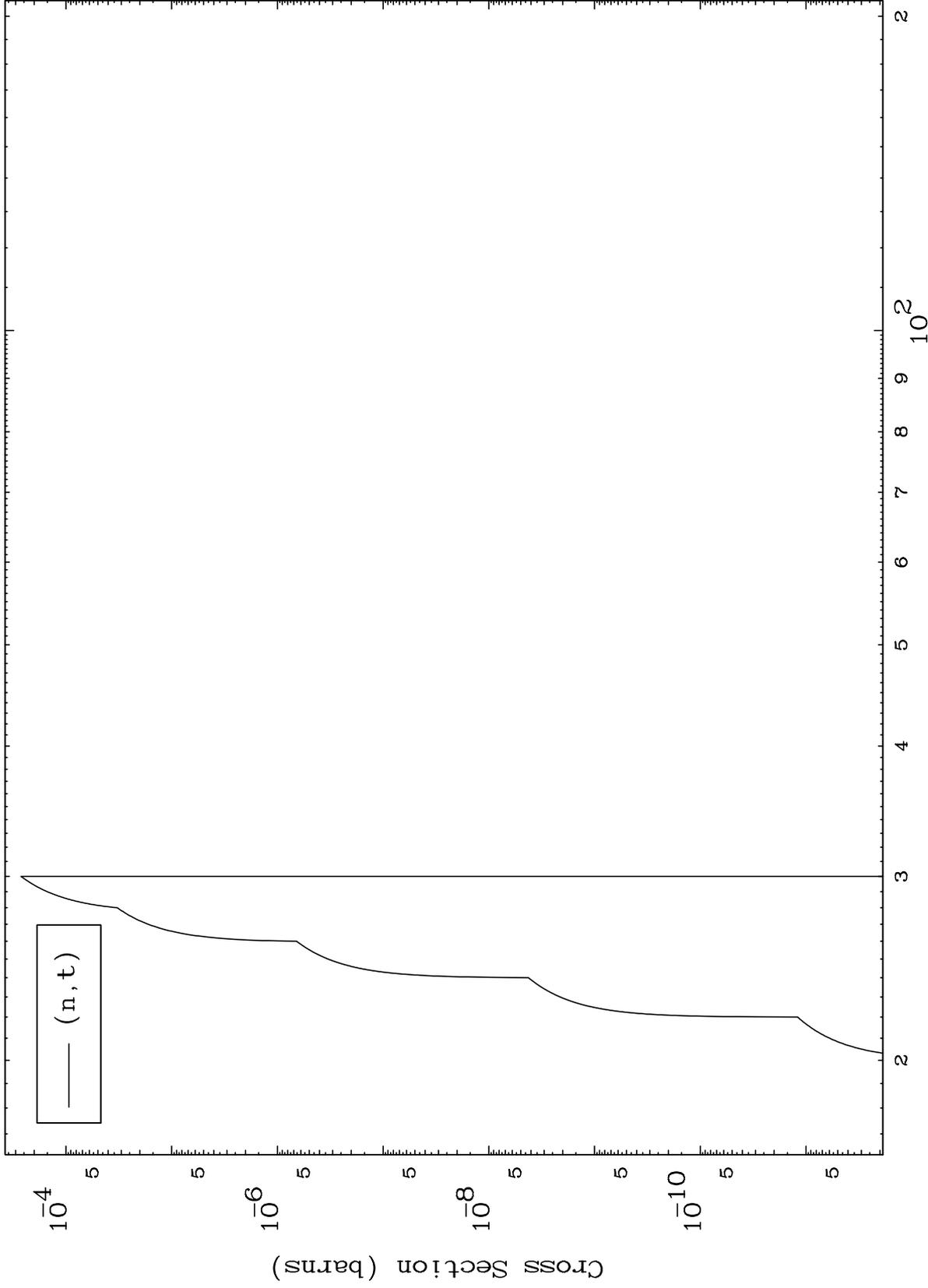
Incident Energy (MeV)

65-Tb-145

MAT 6483

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

65-Tb-145



8

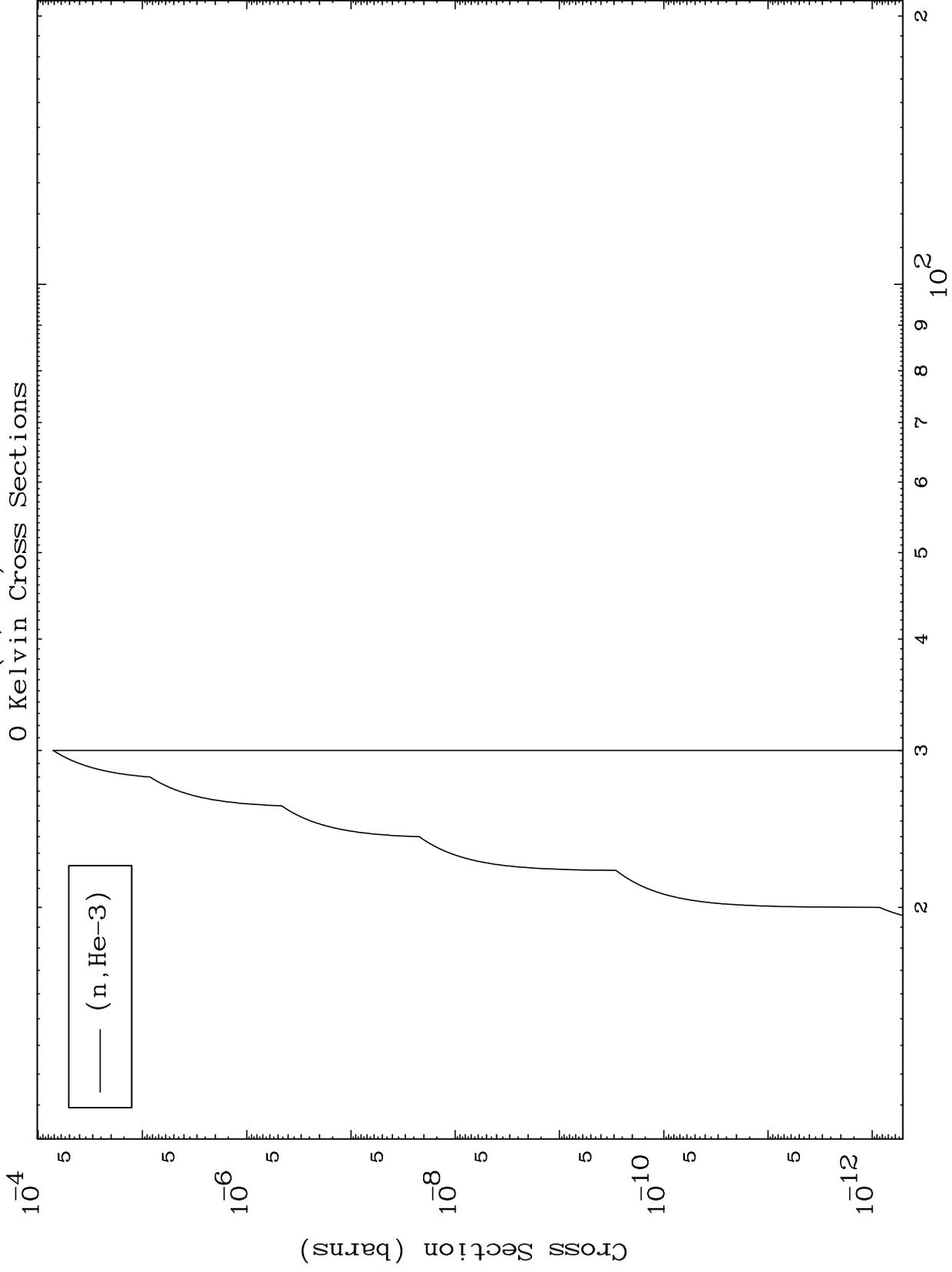
Incident Energy (MeV)

65-Tb-145

MAT 6483

( $\alpha, \text{He3}$ ) Levels  
0 Kelvin Cross Sections

65-Tb-145

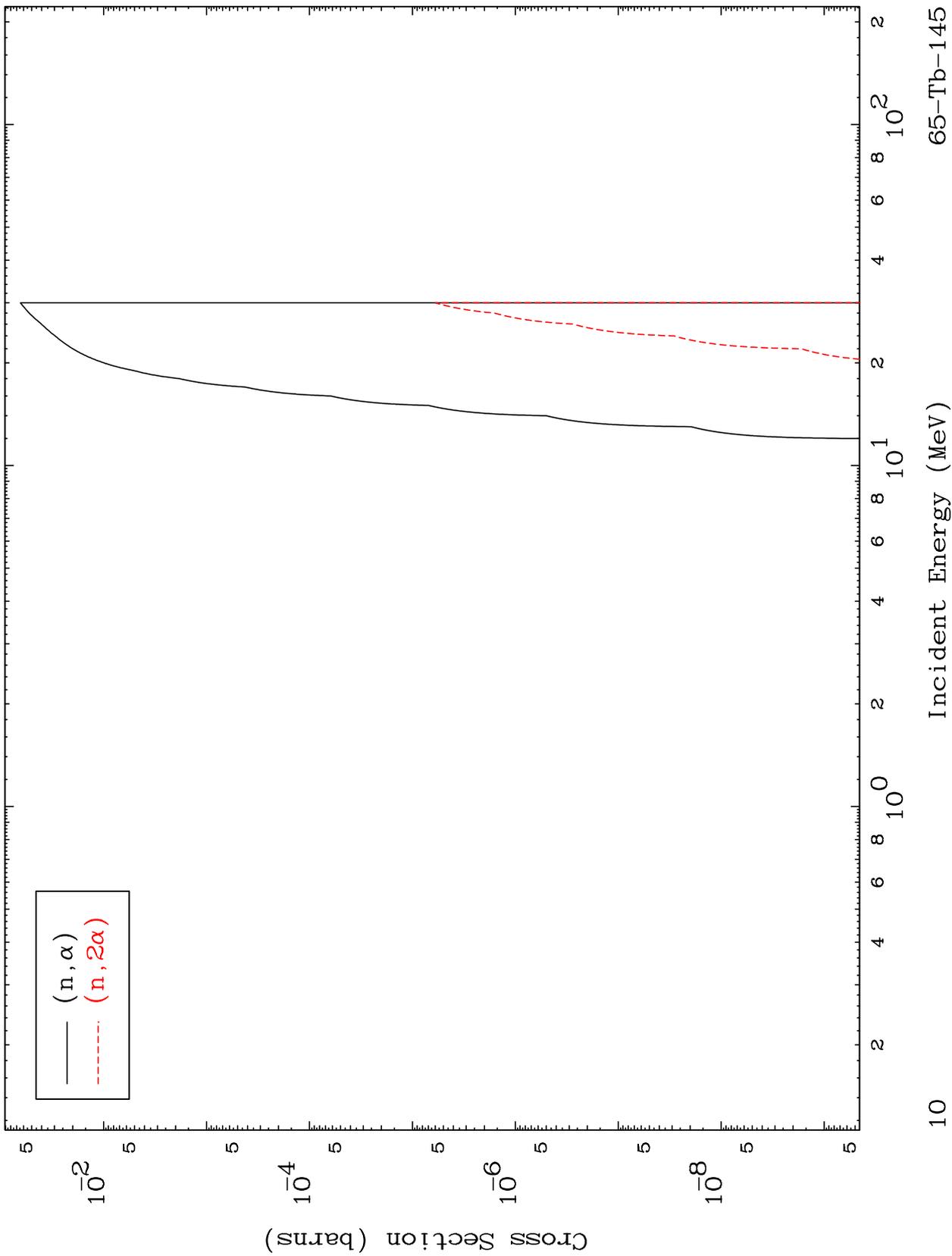


MAT 6483

( $\alpha, \alpha$ ) Levels

65-Tb-145

0 Kelvin Cross Sections

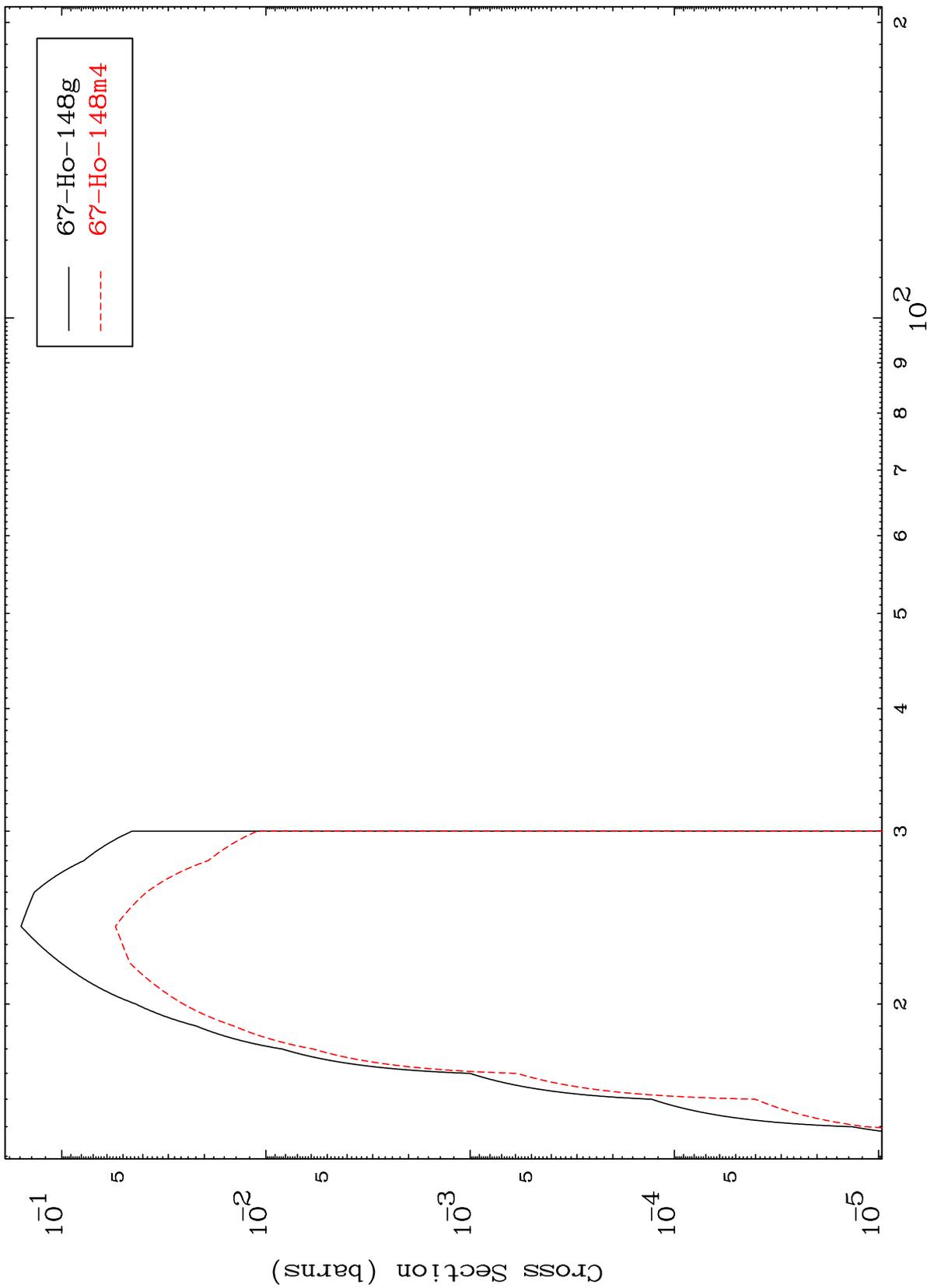


— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

65-Tb-145

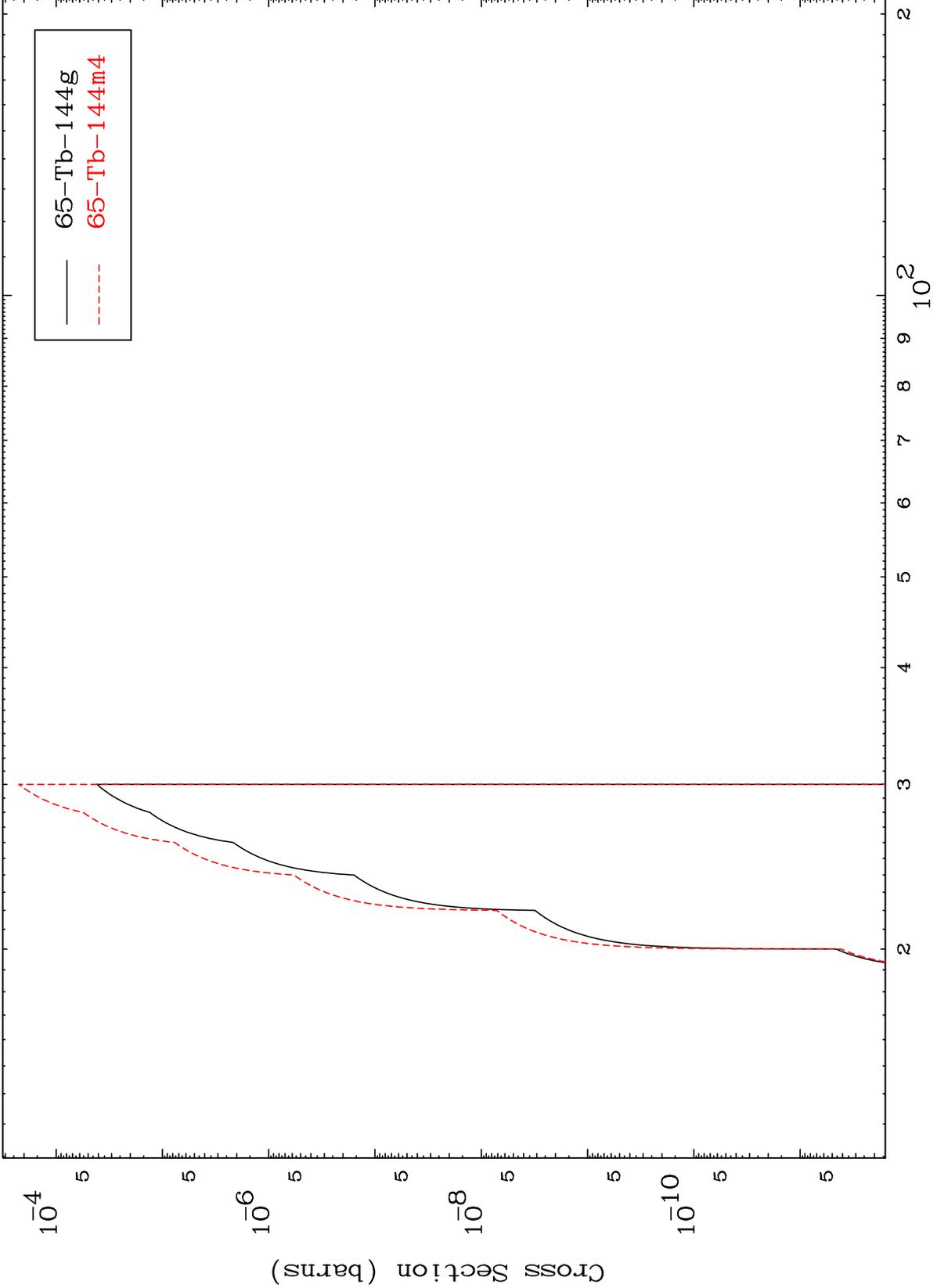


MAT 6483

$(n, n') \alpha$

65-Tb-145

Radionuclide Production Cross Section



12

Incident Energy (MeV)

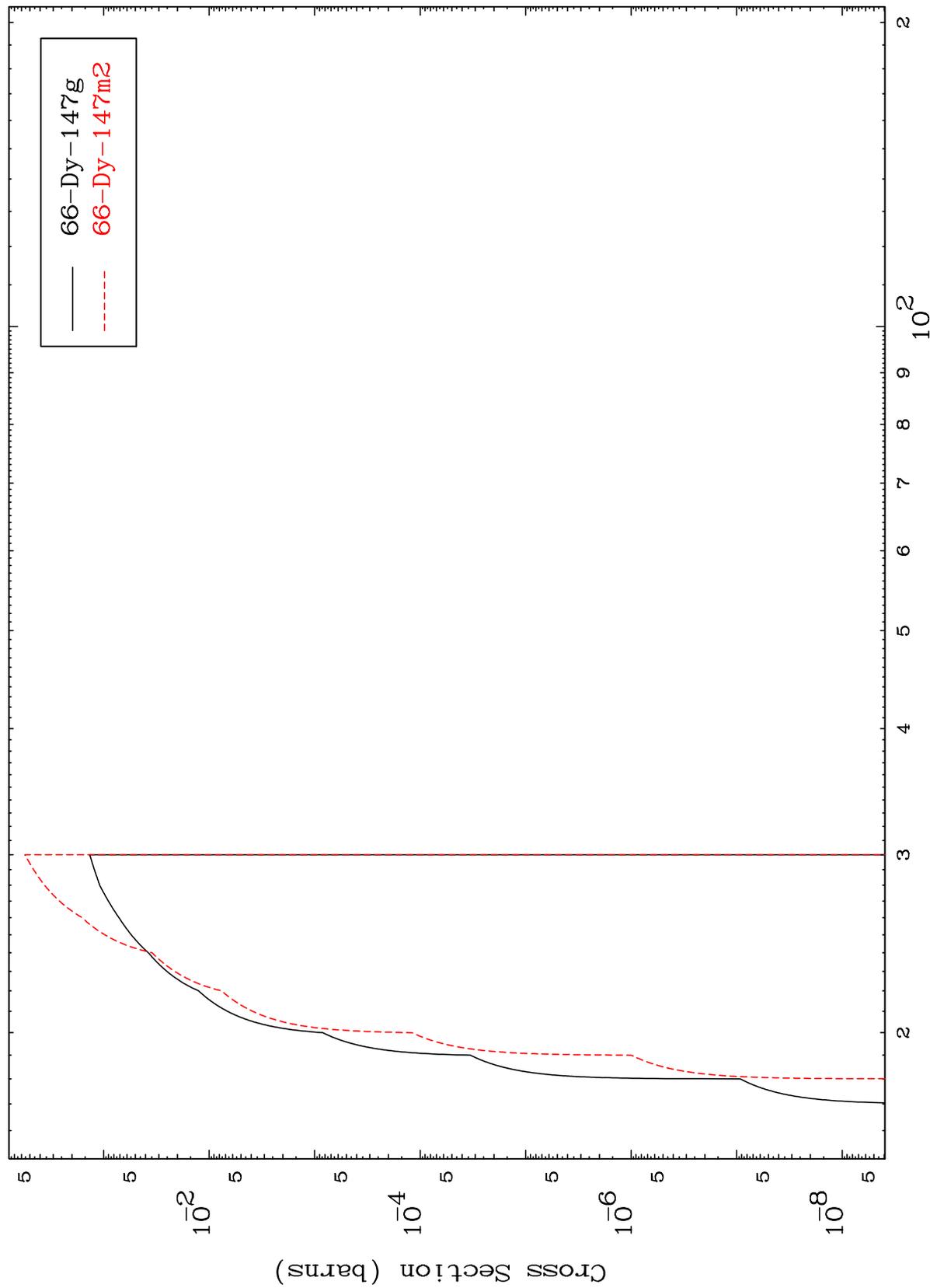
65-Tb-145

MAT 6483

(n,n') p

65-Tb-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

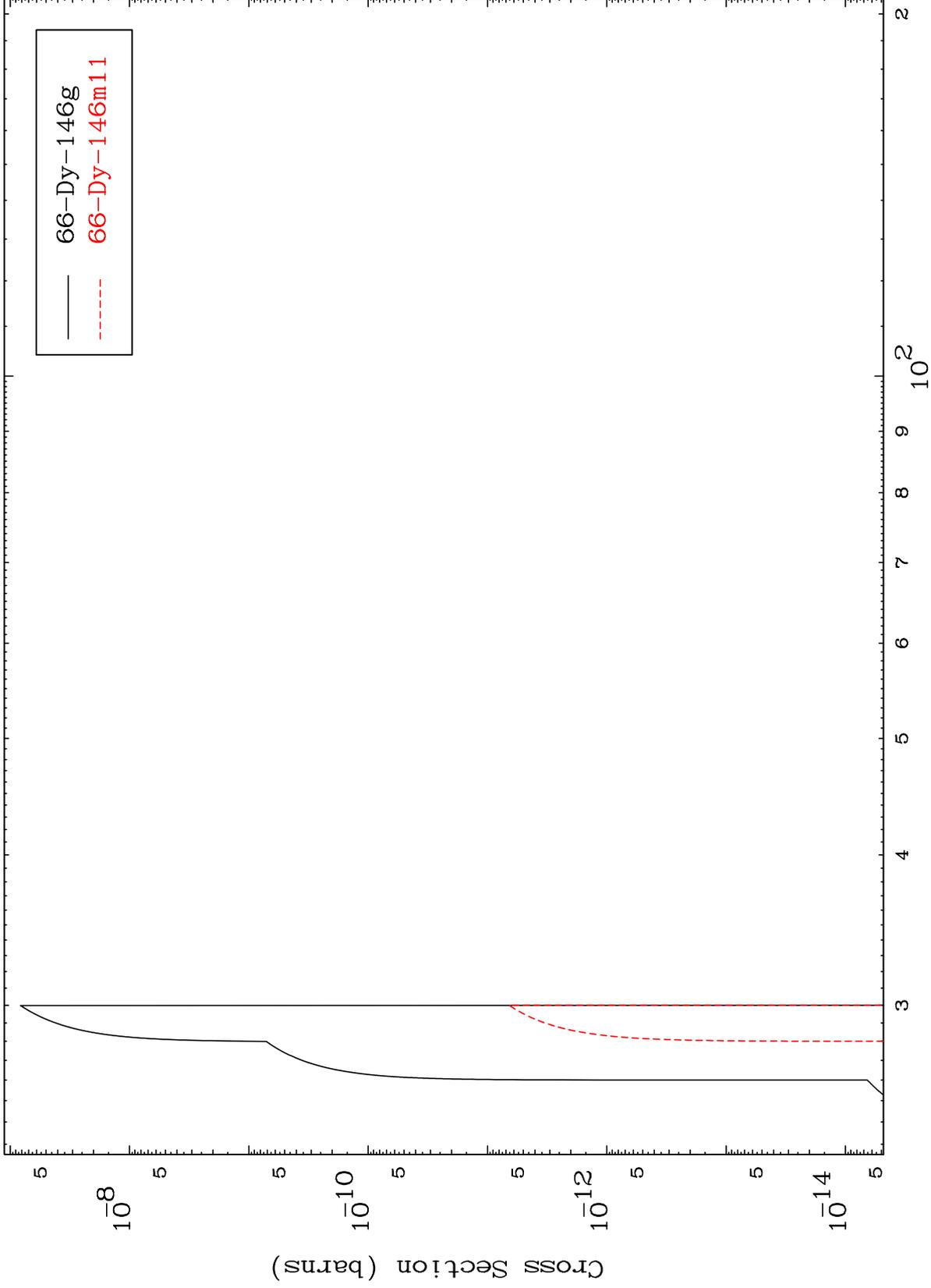
65-Tb-145

MAT 6483

(n,n') d

65-Tb-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

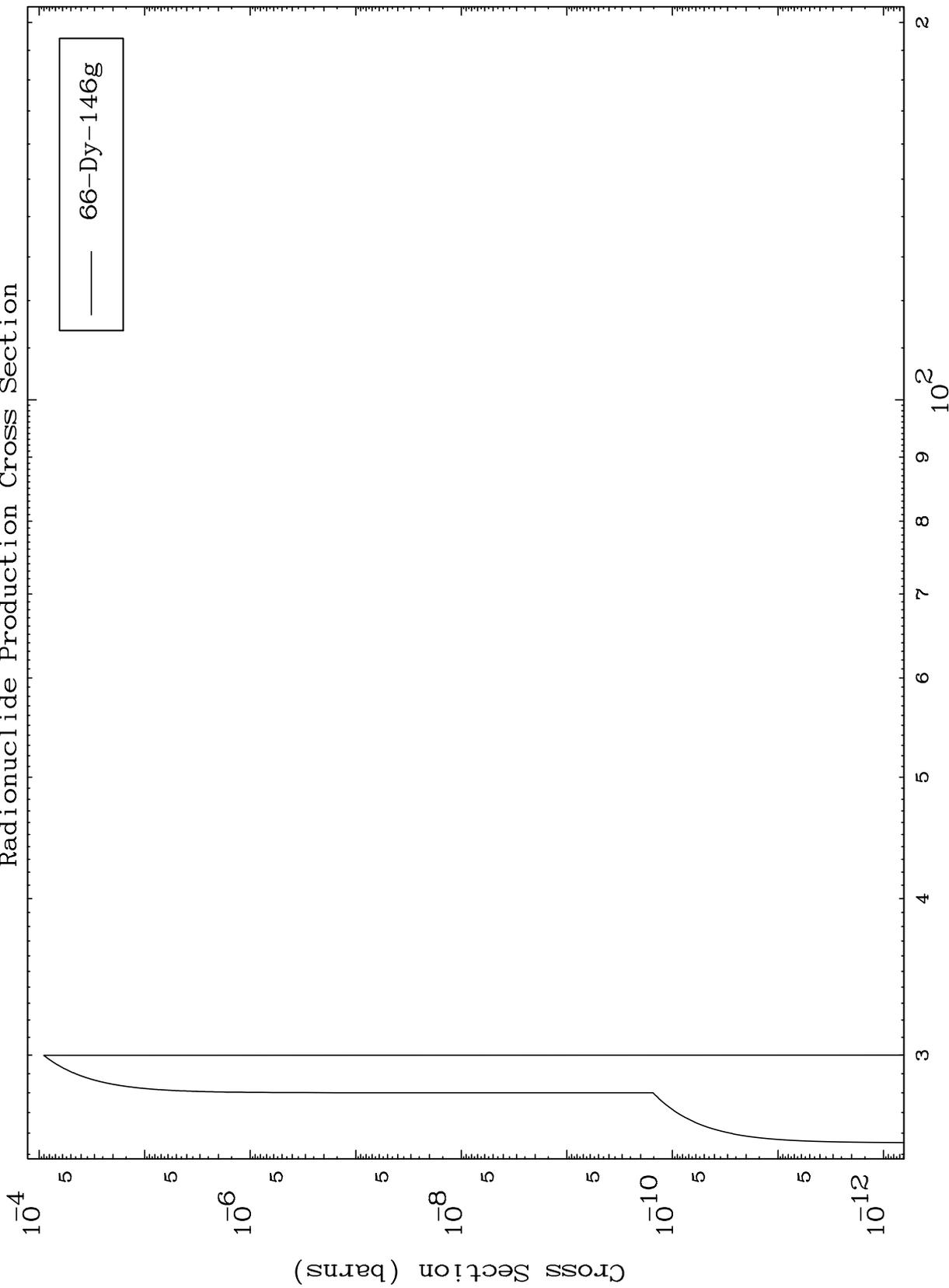
65-Tb-145

MAT 6483

(n,2n) p

65-Tb-145

Radionuclide Production Cross Section



15

Incident Energy (MeV)

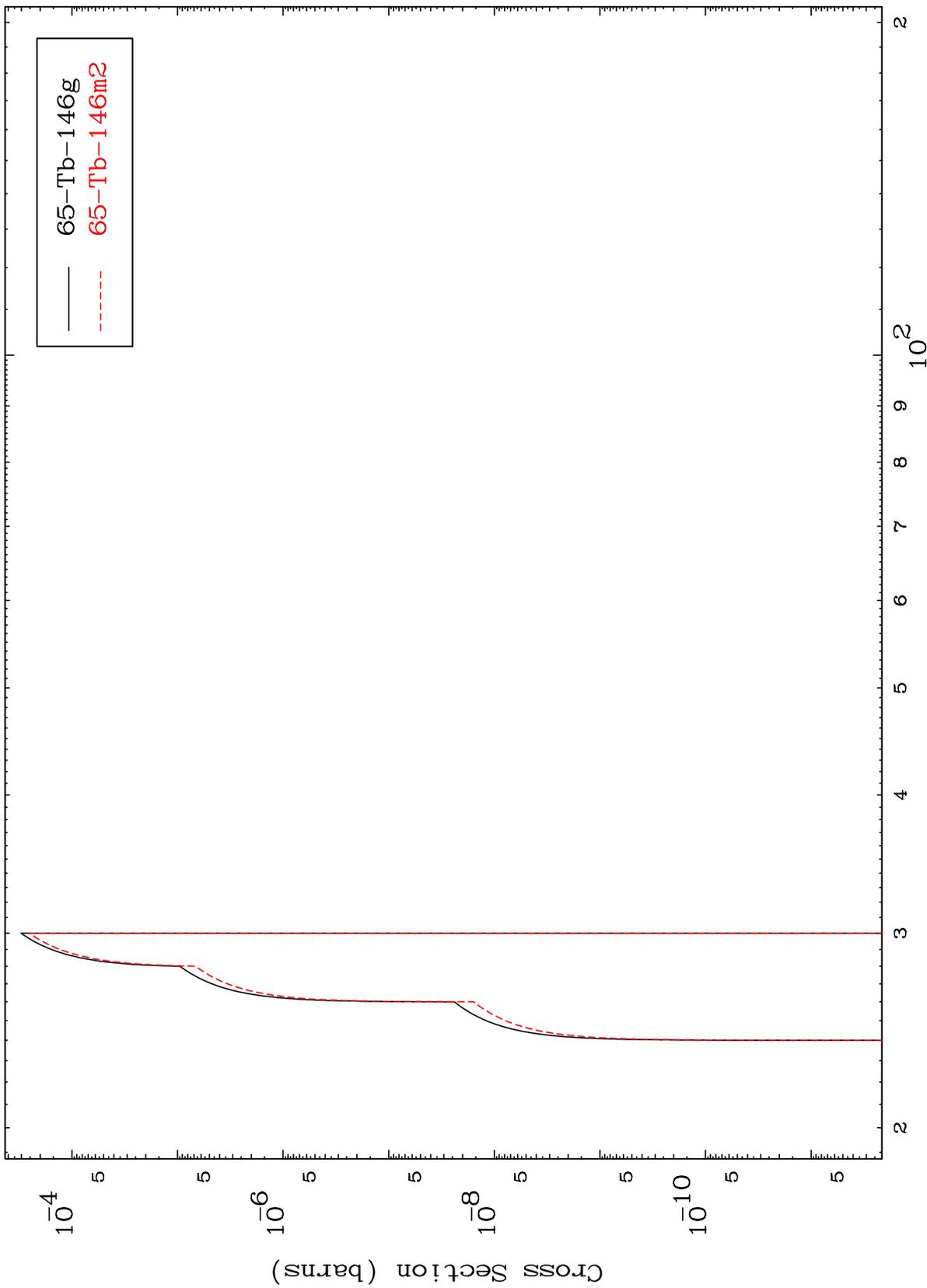
65-Tb-145

MAT 6483

(n,2n) p

65-Tb-145

Radionuclide Production Cross Section



16

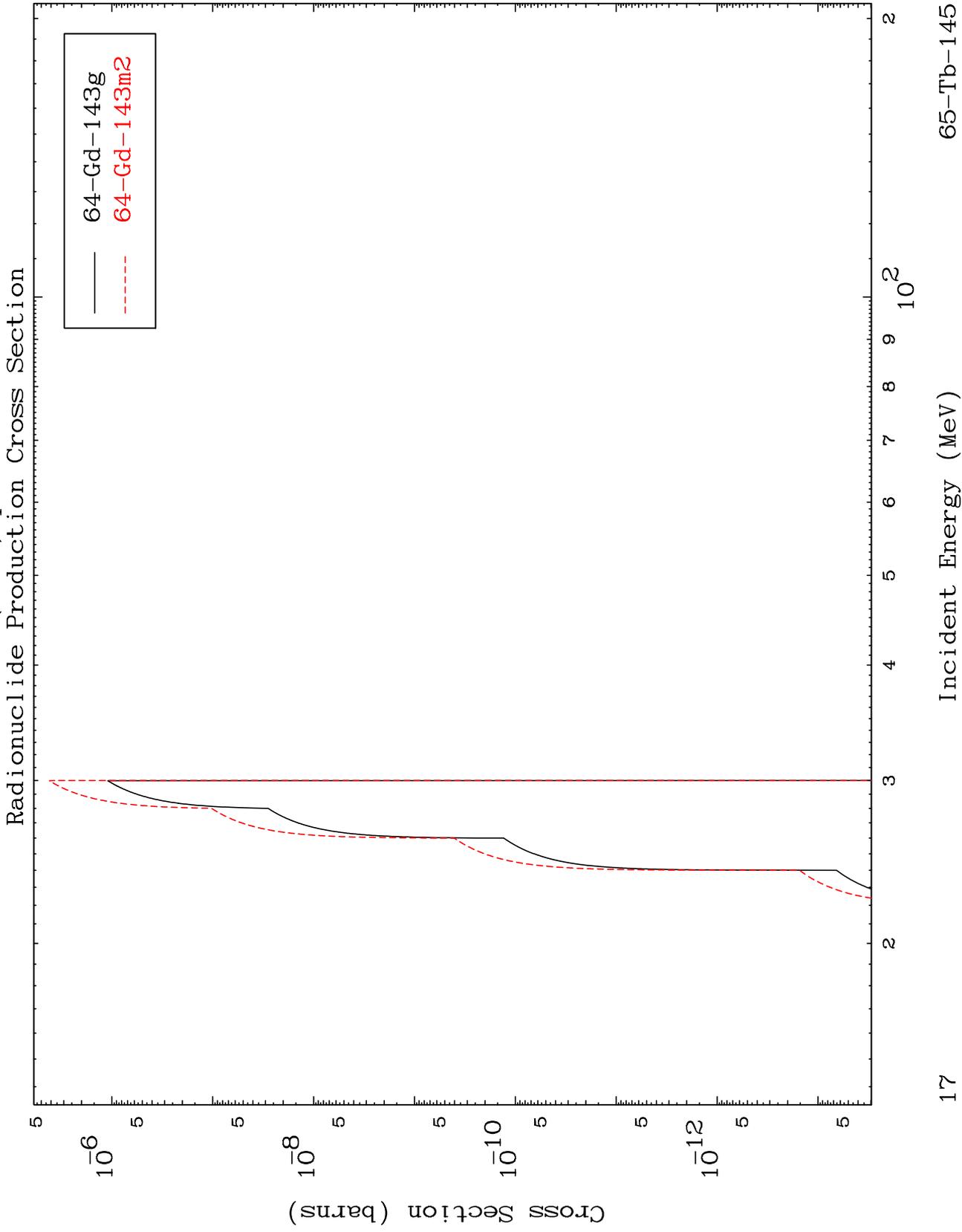
Incident Energy (MeV)

65-Tb-145

MAT 6483

(n,n') p  $\alpha$

65-Tb-145

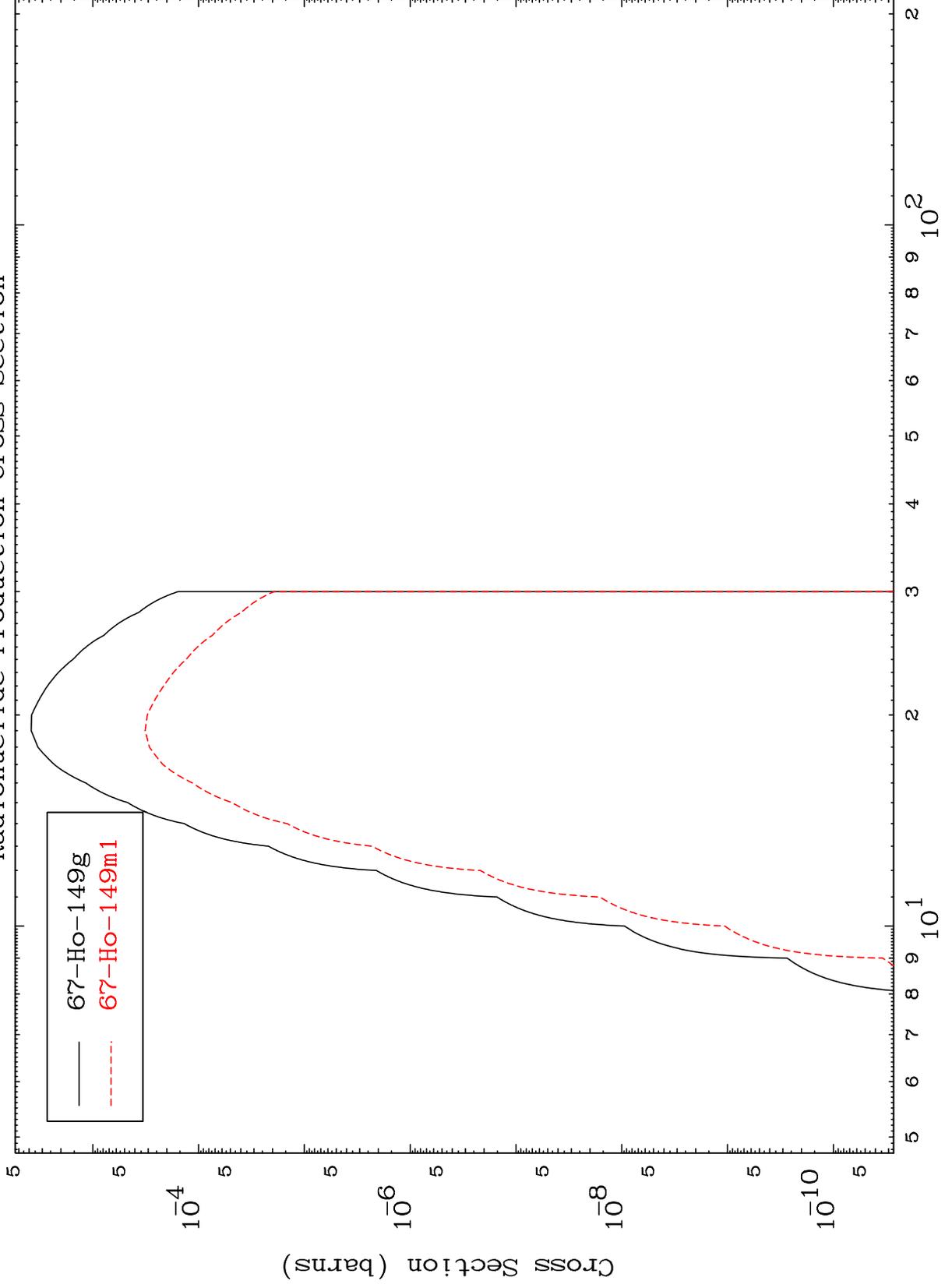


17

MAT 6483

65-Tb-145

(n,γ)  
Radionuclide Production Cross Section



— 67-Ho-149g  
- - - 67-Ho-149m1

18

Incident Energy (MeV)

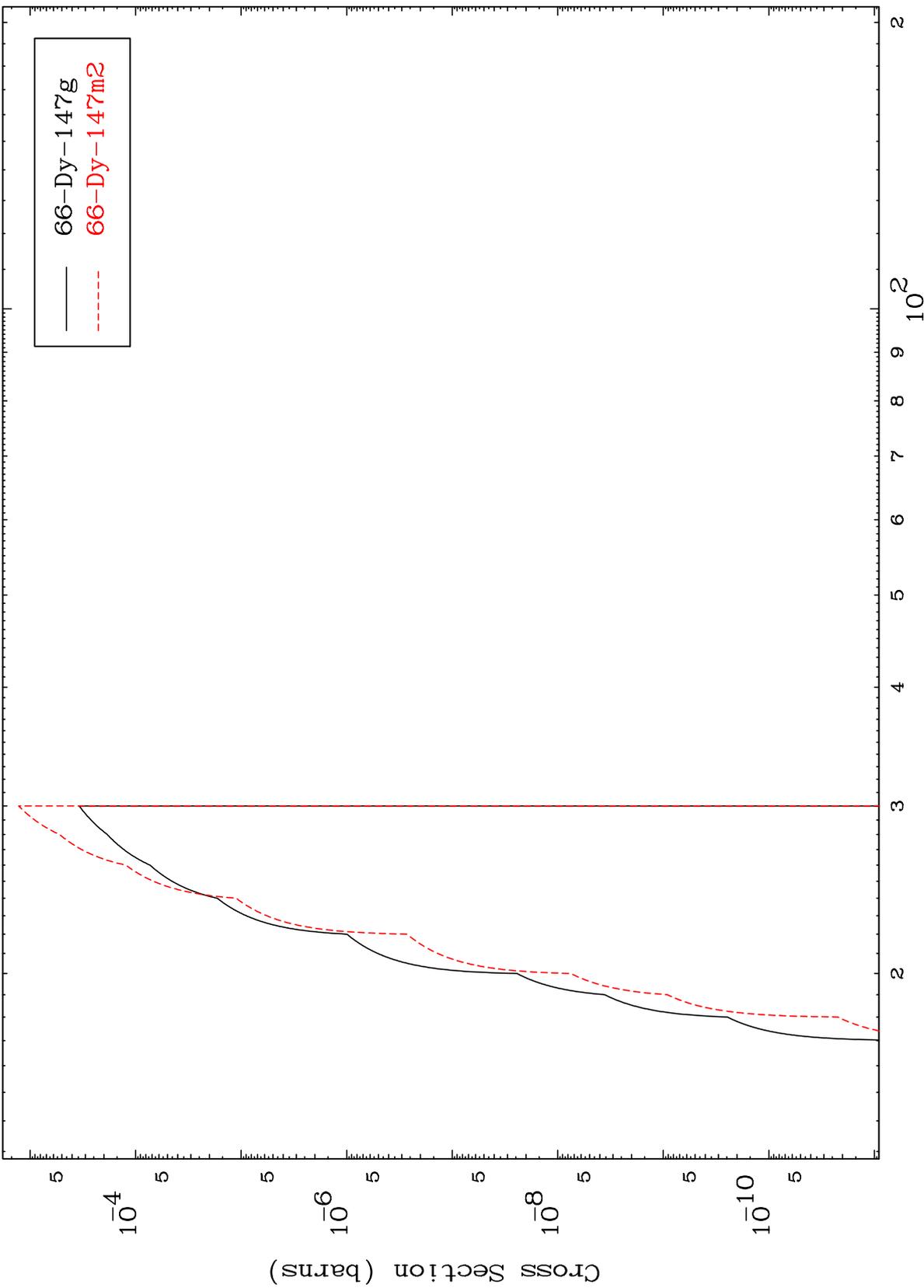
65-Tb-145

MAT 6483

(n,d)

65-Tb-145

Radionuclide Production Cross Section

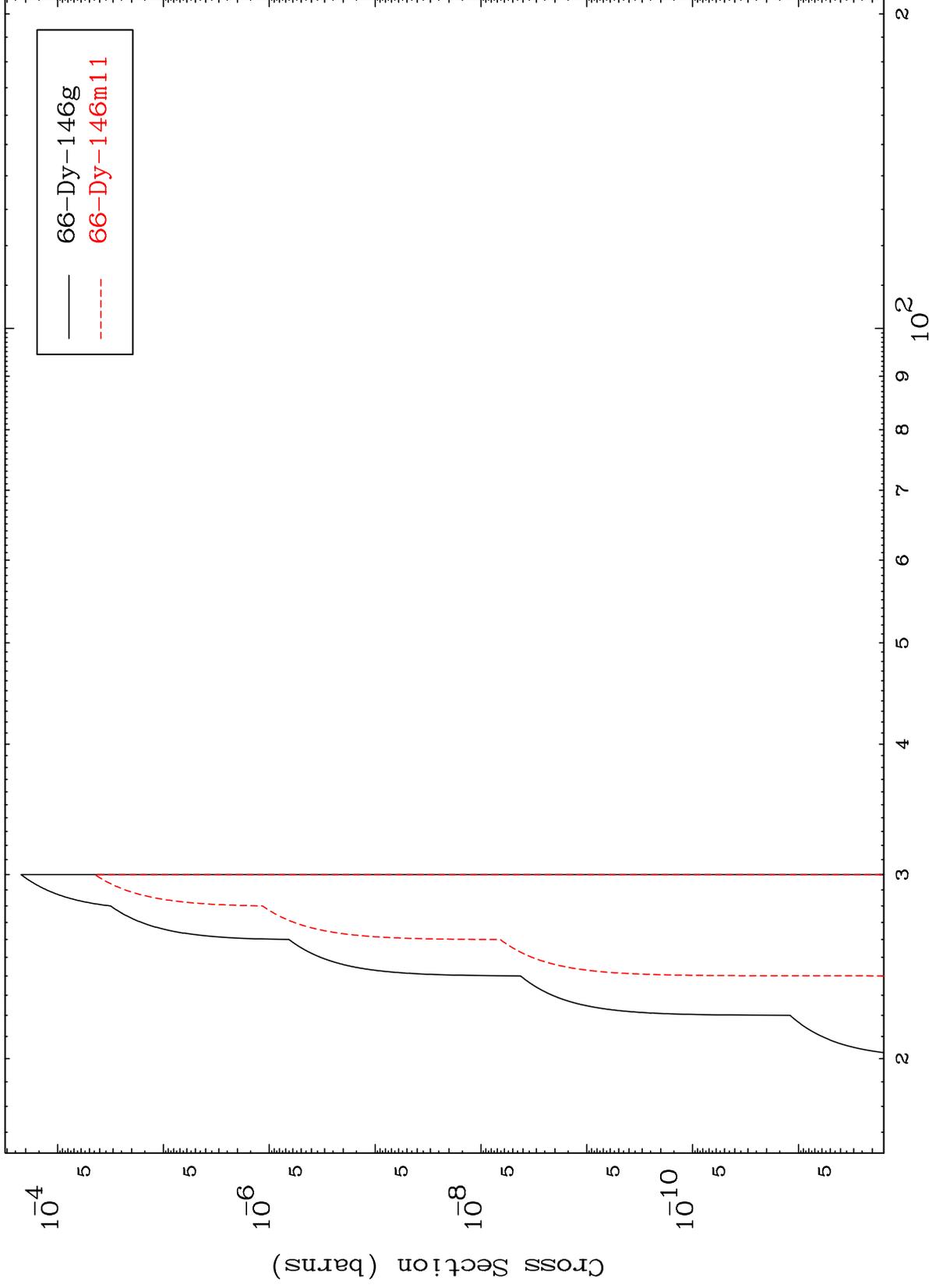


66-Dy-147g  
66-Dy-147m2

MAT 6483

65-Tb-145

(n, t)  
Radionuclide Production Cross Section



20

65-Tb-145

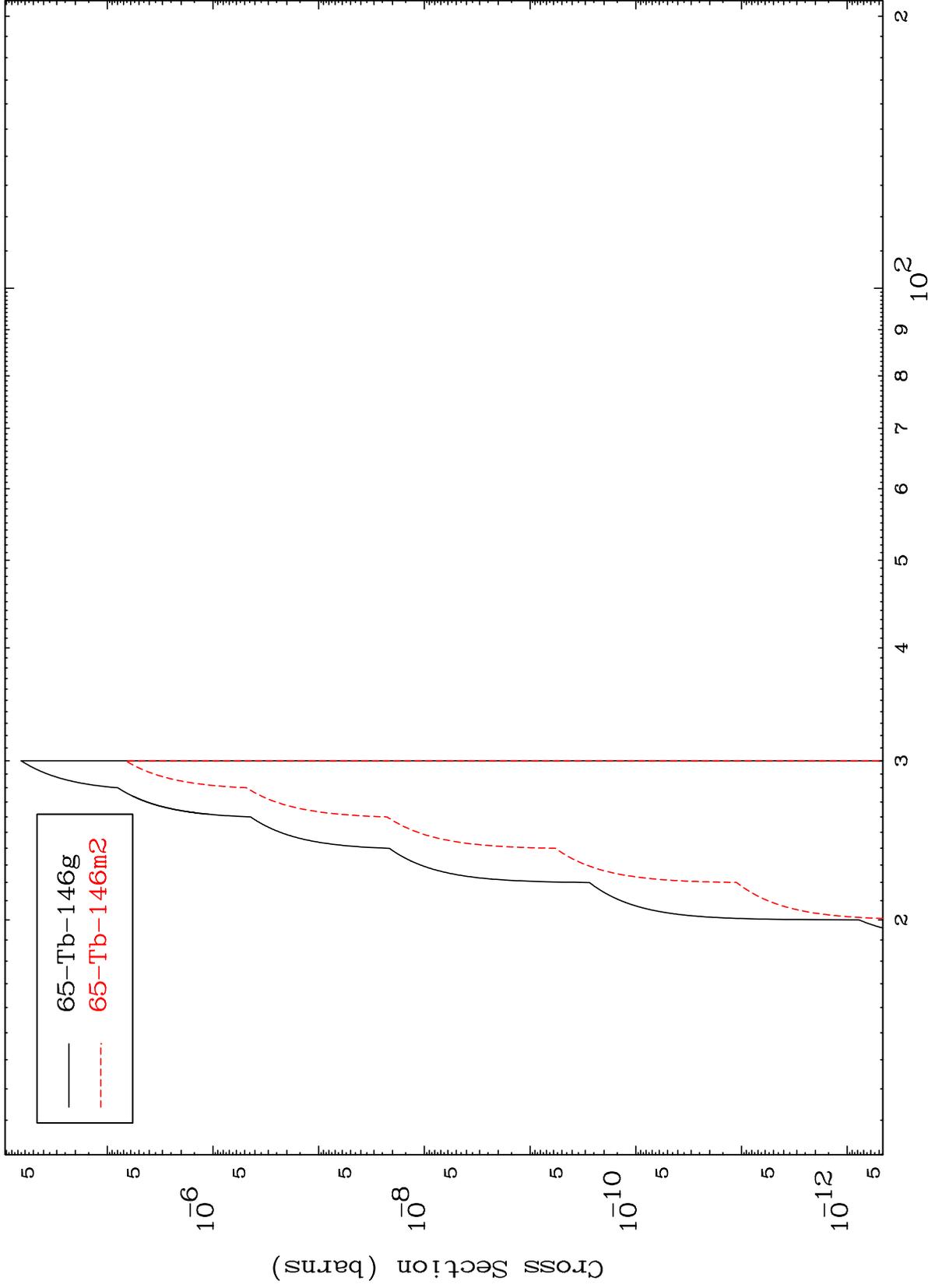
Incident Energy (MeV)

MAT 6483

(n,He-3)

65-Tb-145

Radionuclide Production Cross Section

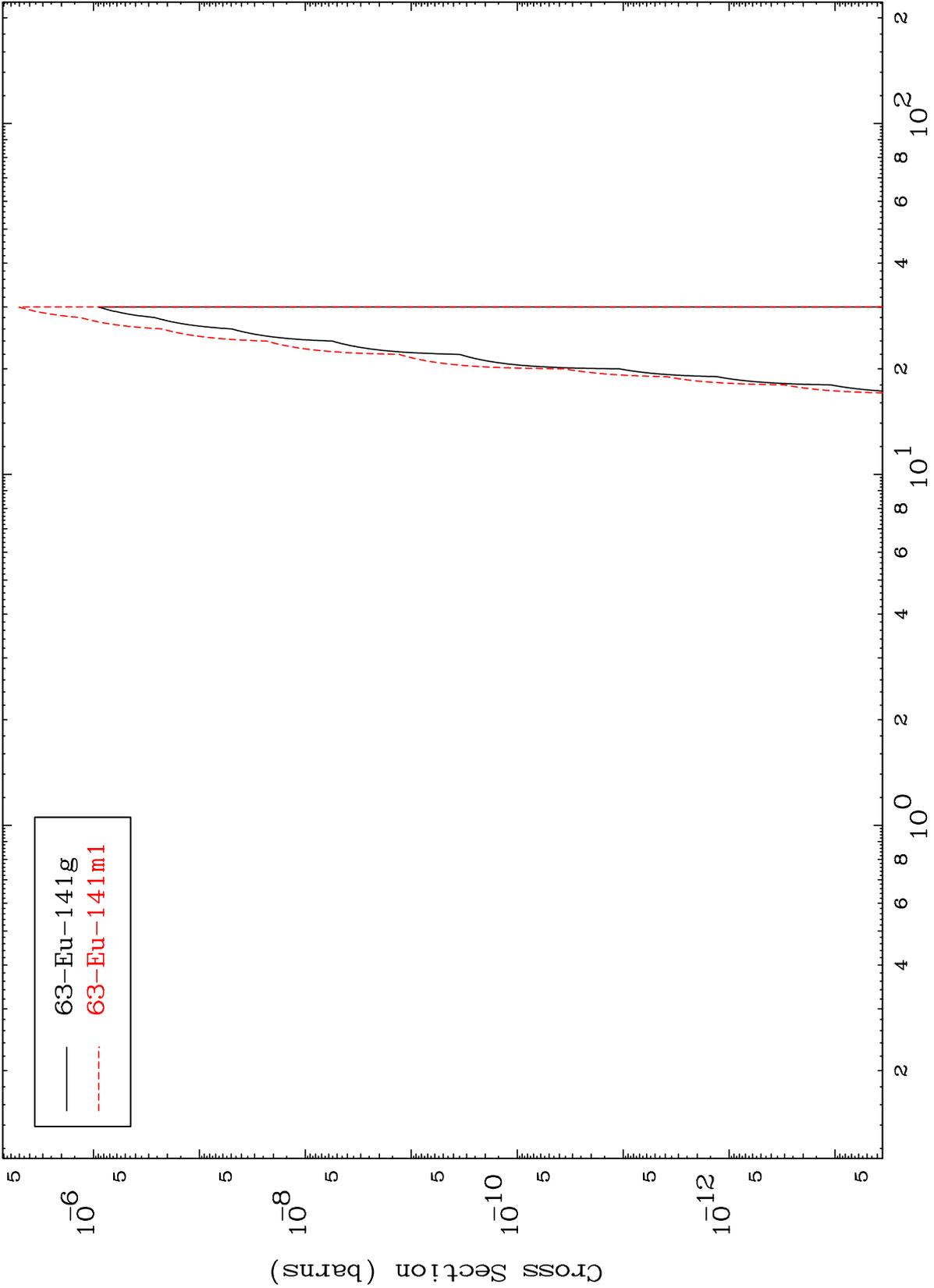


MAT 6483

(n,2α)

65-Tb-145

Radionuclide Production Cross Section



63-Eu-141g  
63-Eu-141m1

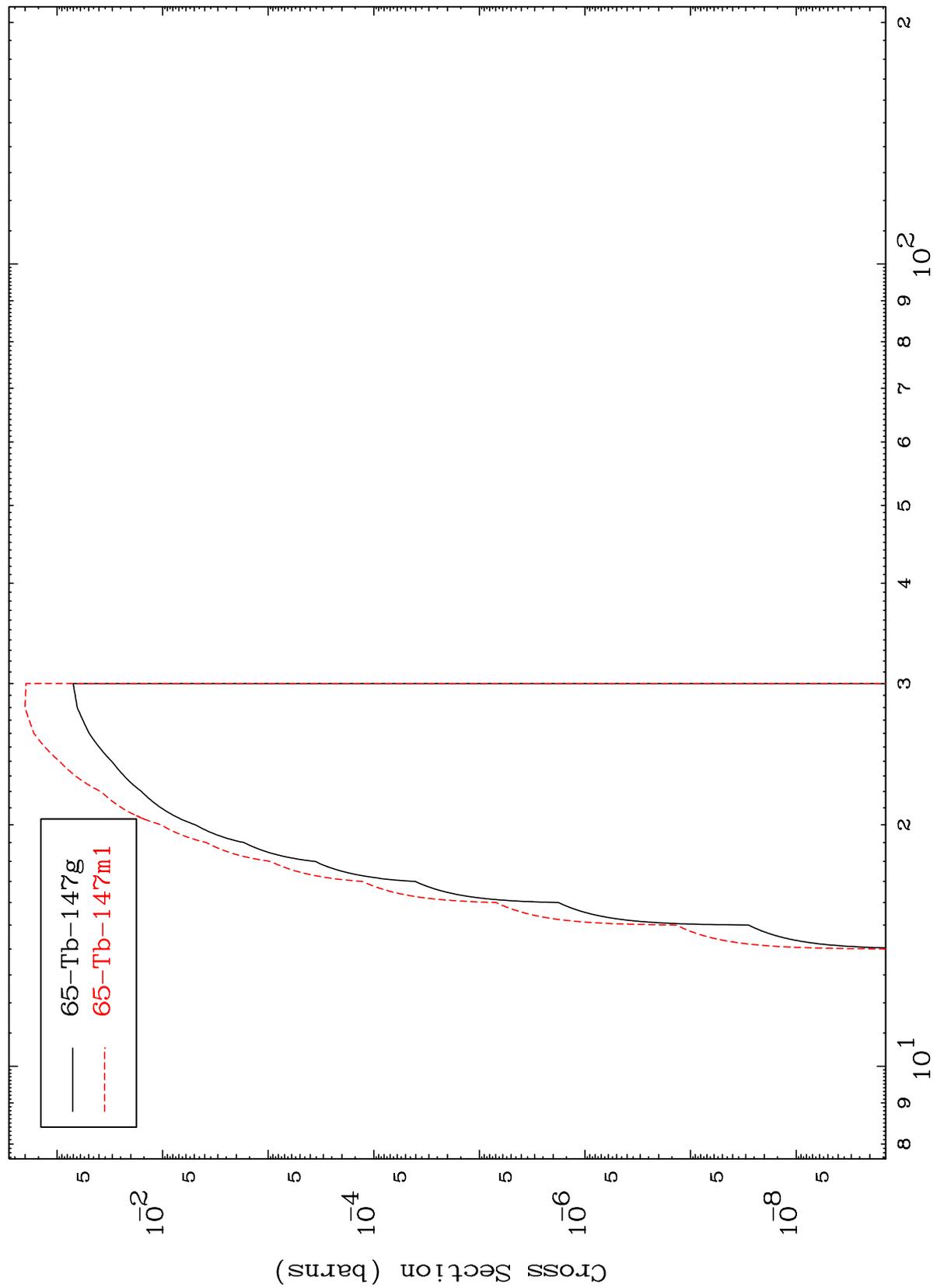
Incident Energy (MeV)

65-Tb-145

MAT 6483

65-Tb-145

(n,2p)  
Radionuclide Production Cross Section



65-Tb-145

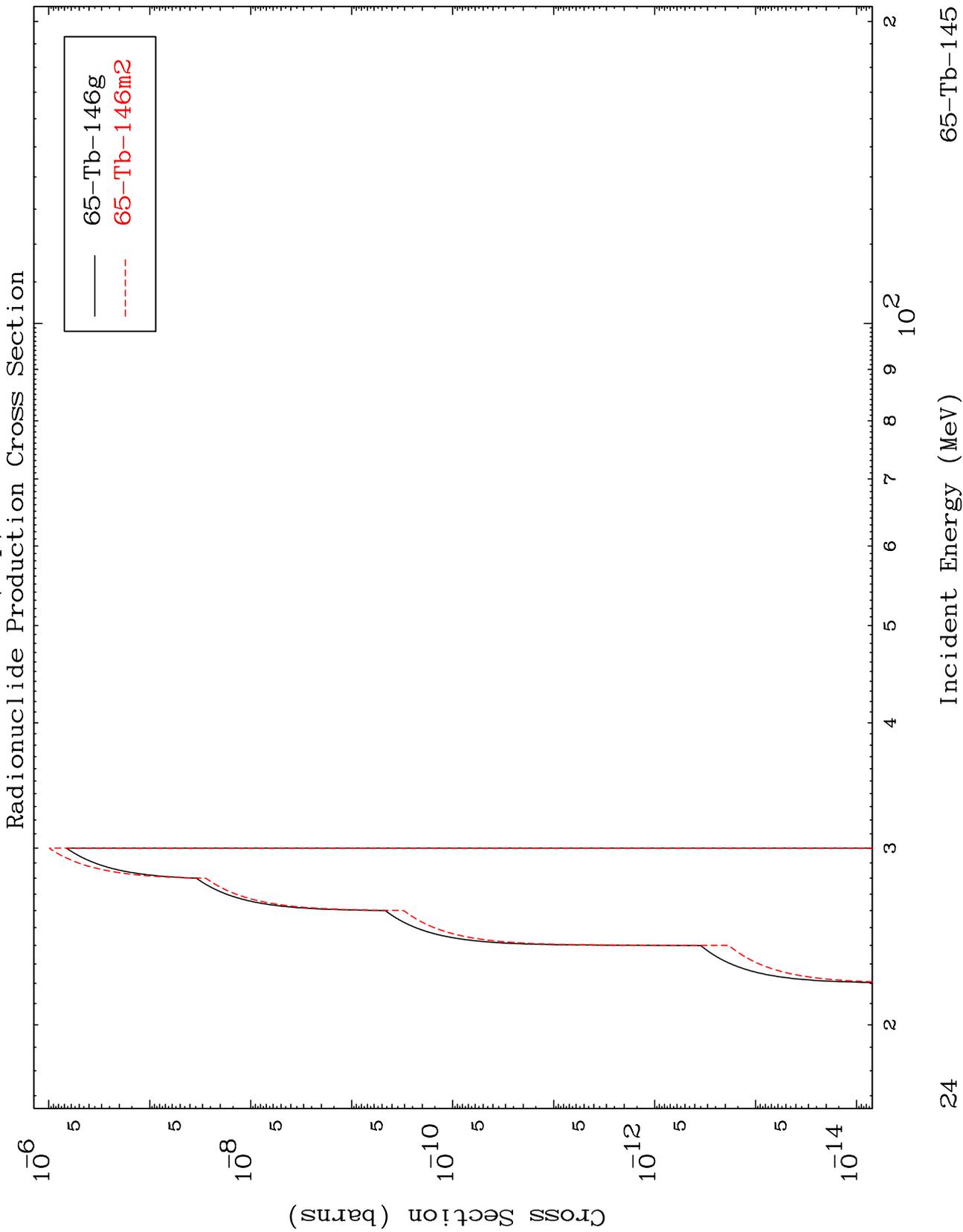
Incident Energy (MeV)

23

MAT 6483

(n,p) d

65-Tb-145



24

Incident Energy (MeV)

65-Tb-145