

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

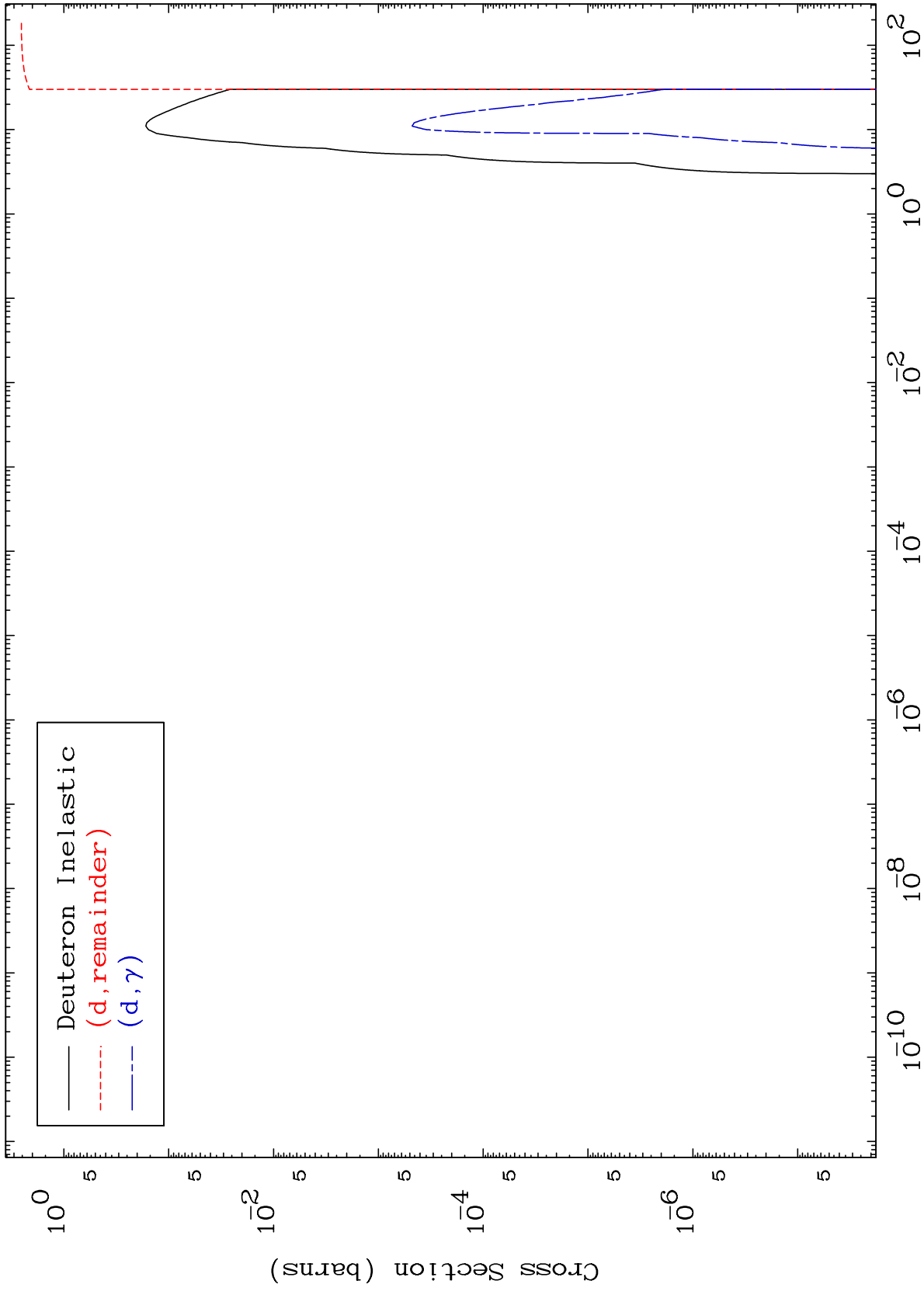
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6483

Deuteron Major
0 Kelvin Cross Sections

65-Tb-145



1

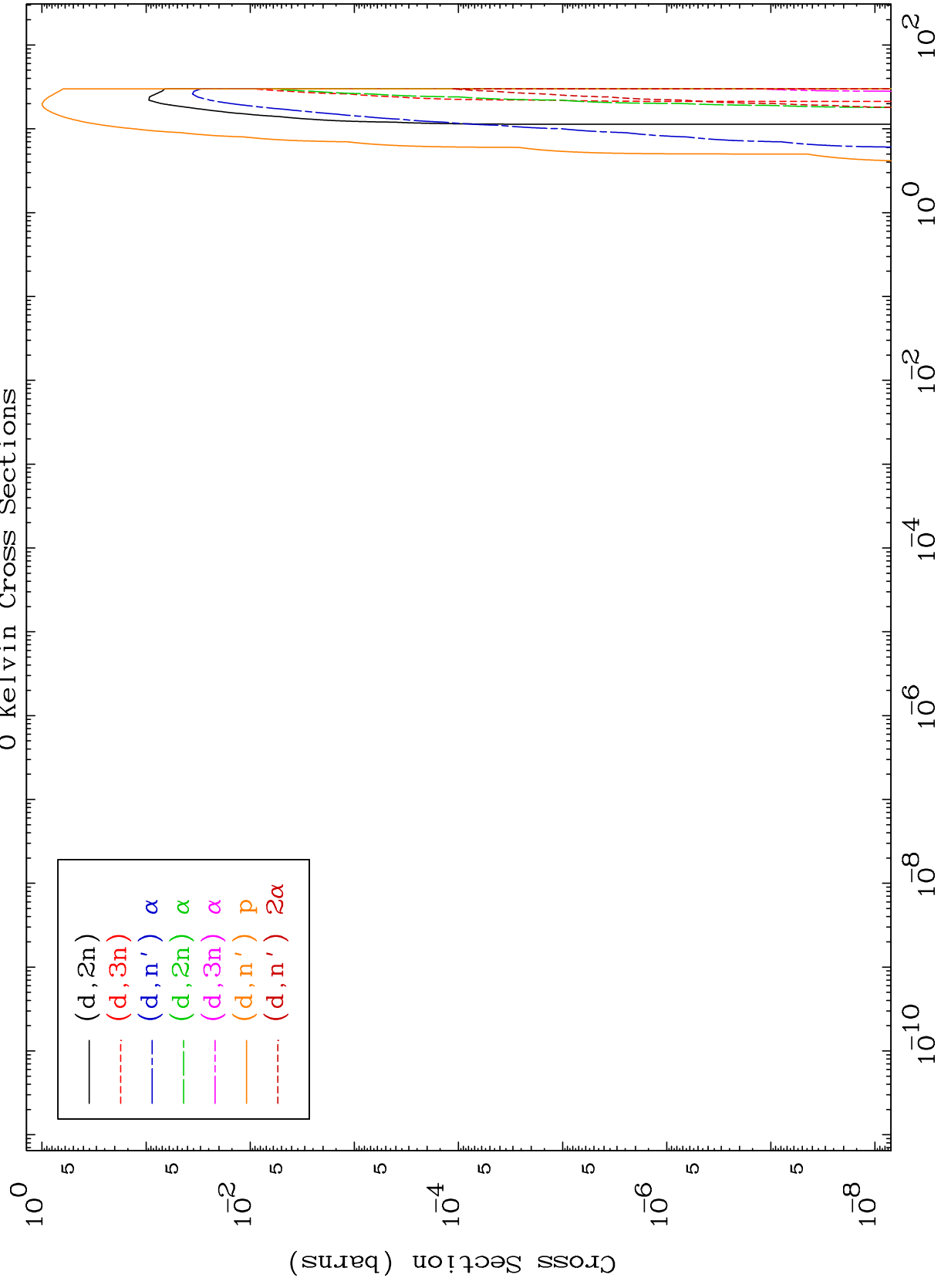
Incident Energy (MeV)

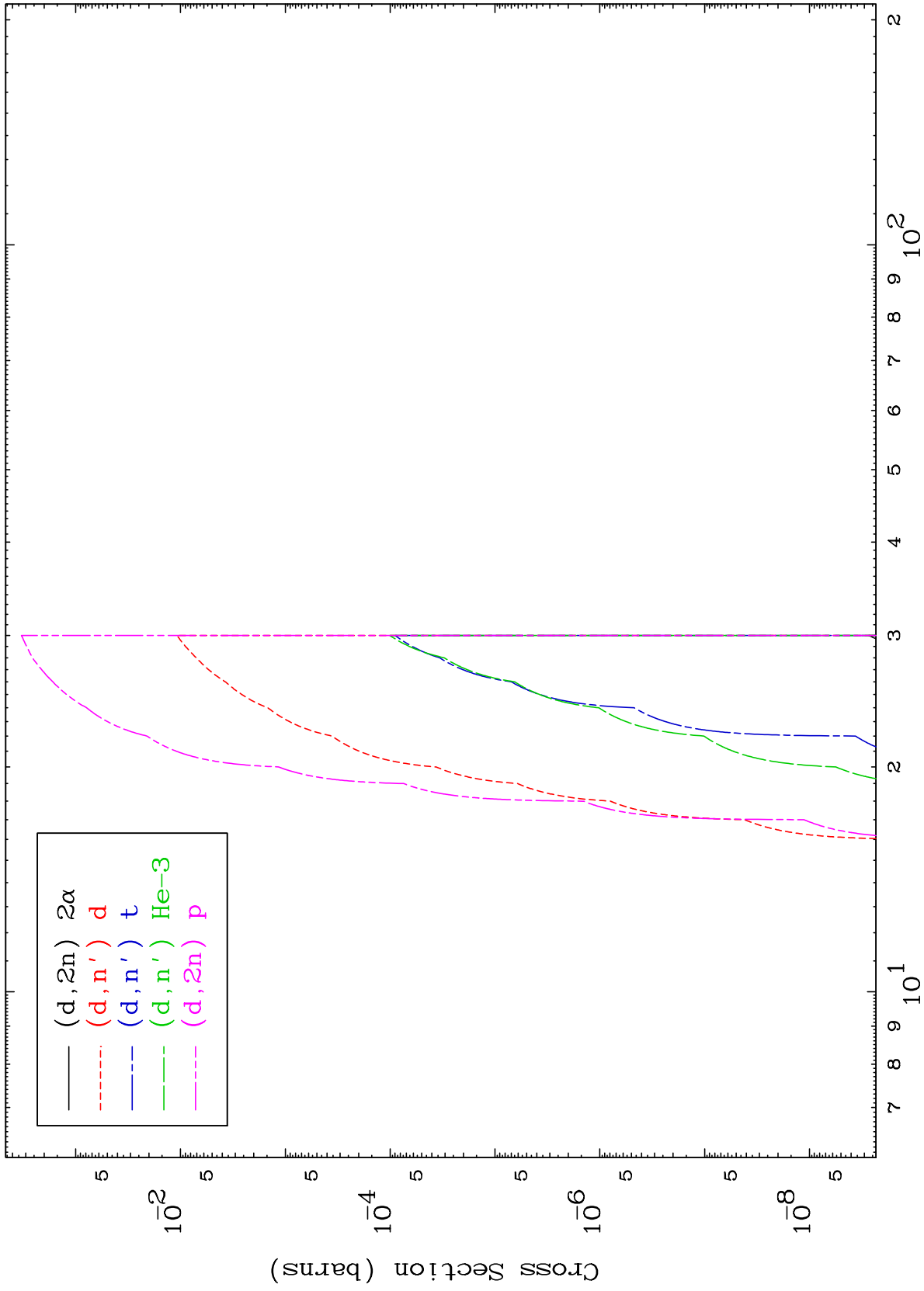
65-Tb-145

MAT 6483

Deuteron Neutron Production
0 Kelvin Cross Sections

65-Tb-145

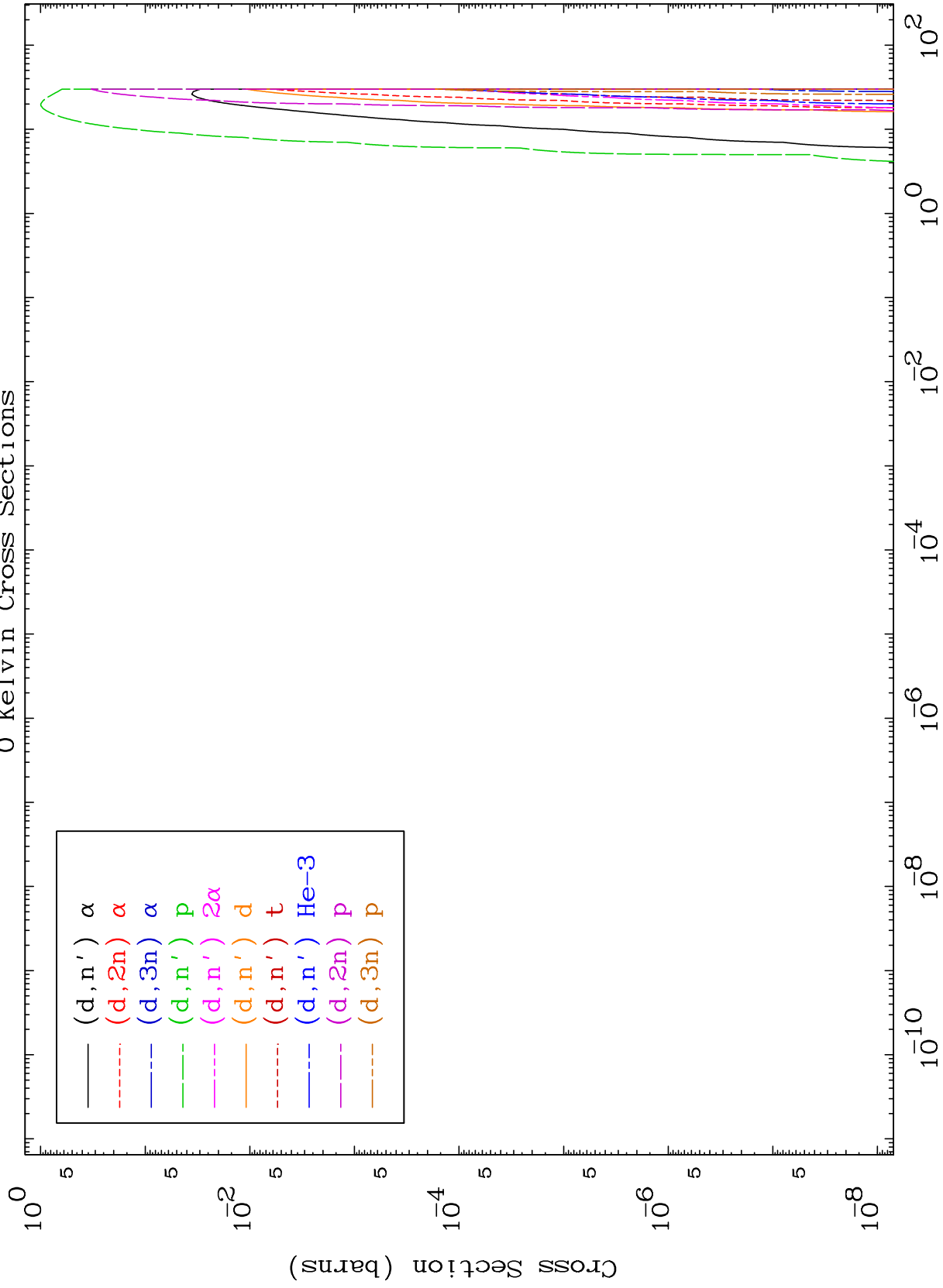




MAT 6483

Deuteron Charged Particle
0 Kelvin Cross Sections

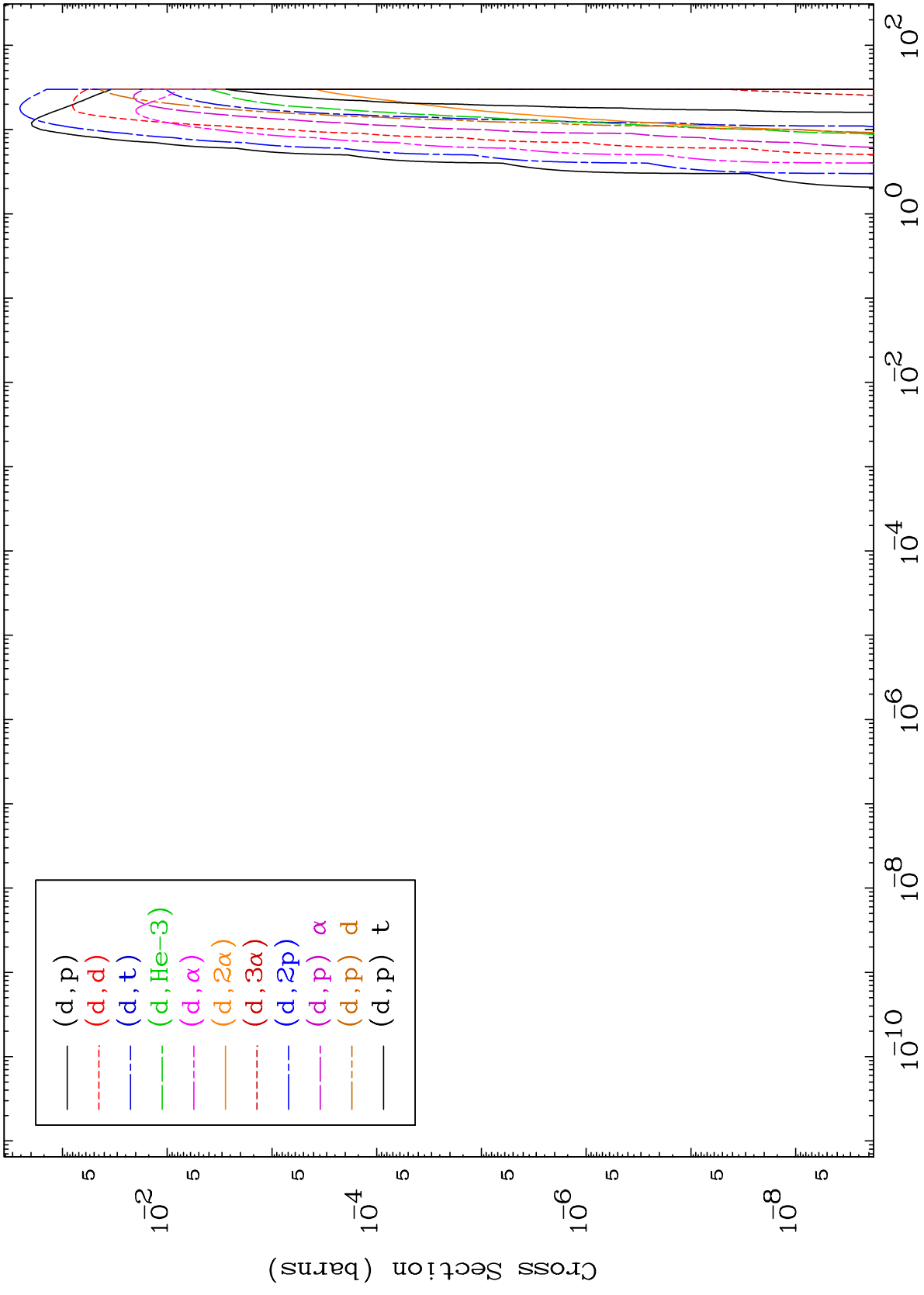
65-Tb-145



MAT 6483

Deuteron Charged Particle
0 Kelvin Cross Sections

65-Tb-145



5

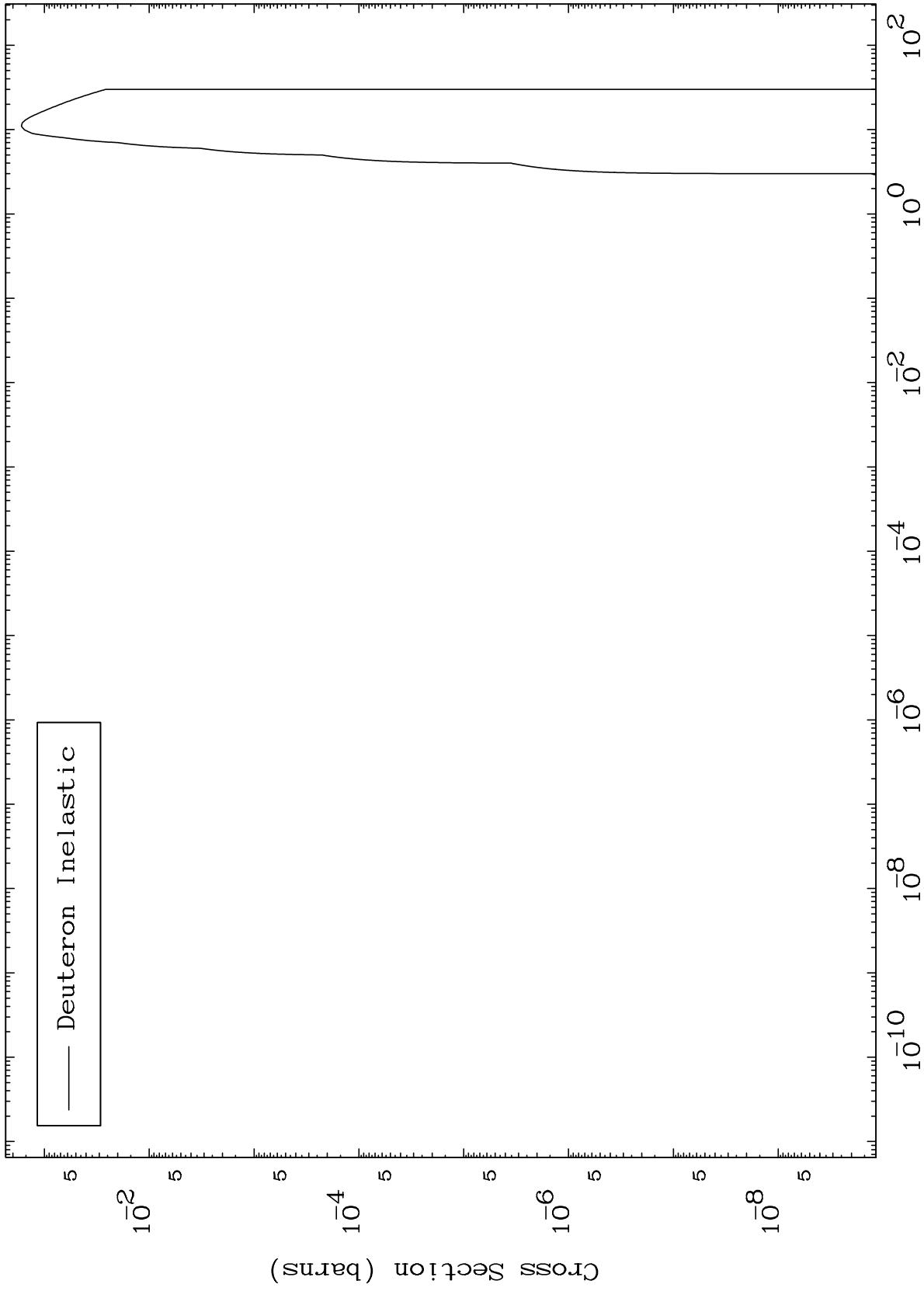
Incident Energy (MeV)

65-Tb-145

MAT 6483

(d,n') Level
0 Kelvin Cross Sections

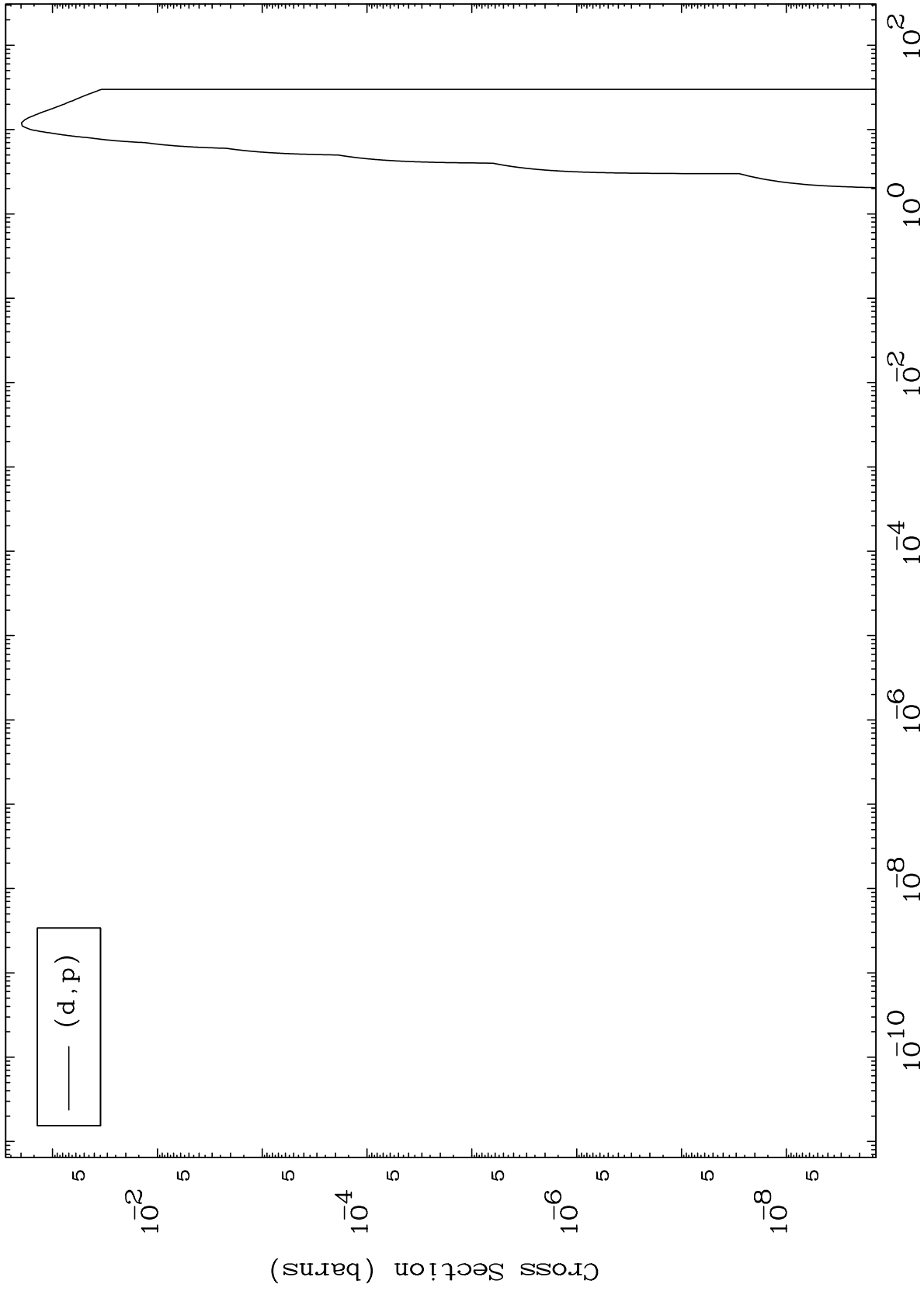
65-Tb-145



MAT 6483

(d,p) Levels
0 Kelvin Cross Sections

65-Tb-145



7

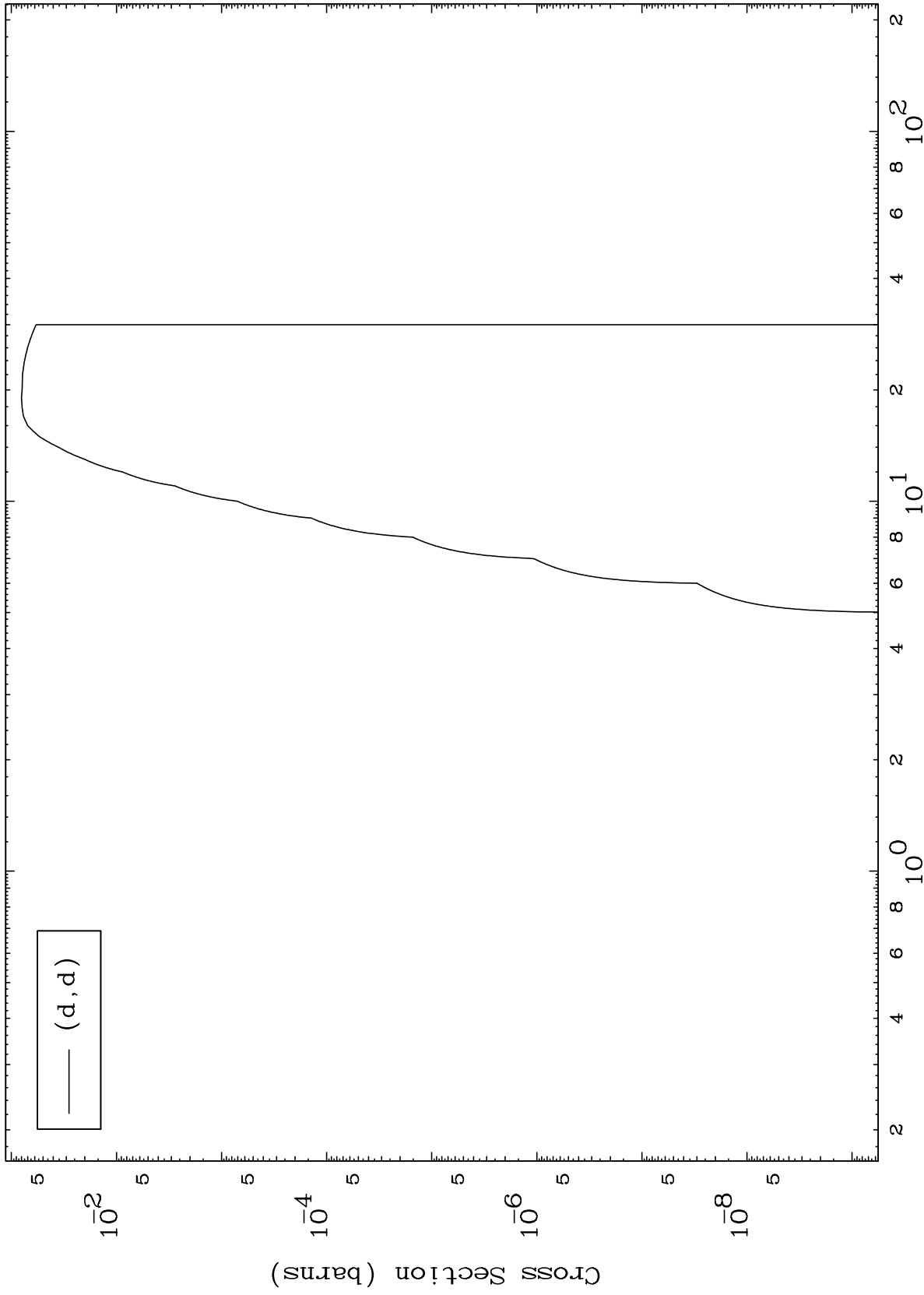
Incident Energy (MeV)

65-Tb-145

MAT 6483

(d,d) Levels
0 Kelvin Cross Sections

65-Tb-145



8

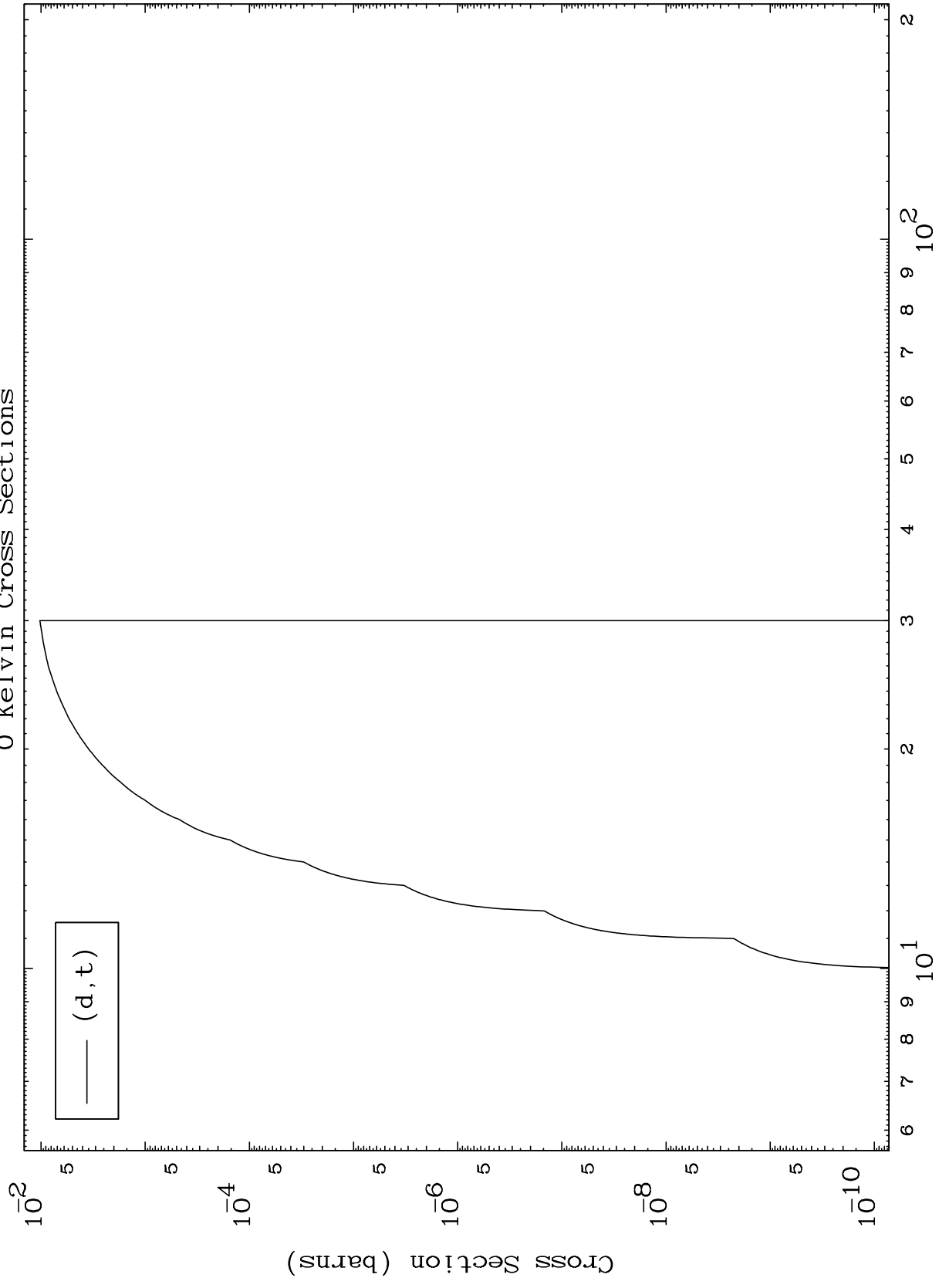
Incident Energy (MeV)

65-Tb-145

MAT 6483

(d,t) Levels
0 Kelvin Cross Sections

65-Tb-145



9

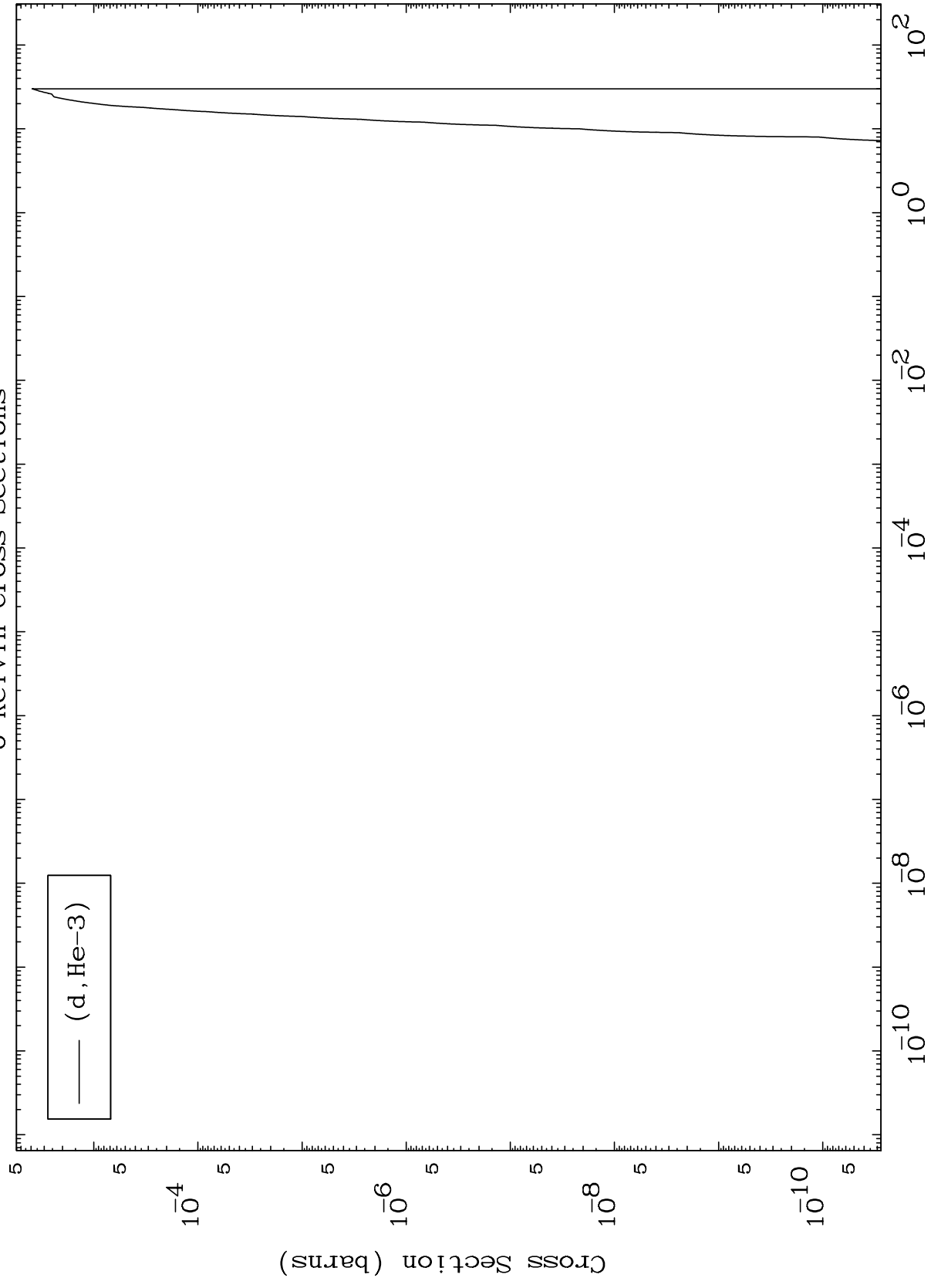
Incident Energy (MeV)

65-Tb-145

MAT 6483

(d,He3) Levels
0 Kelvin Cross Sections

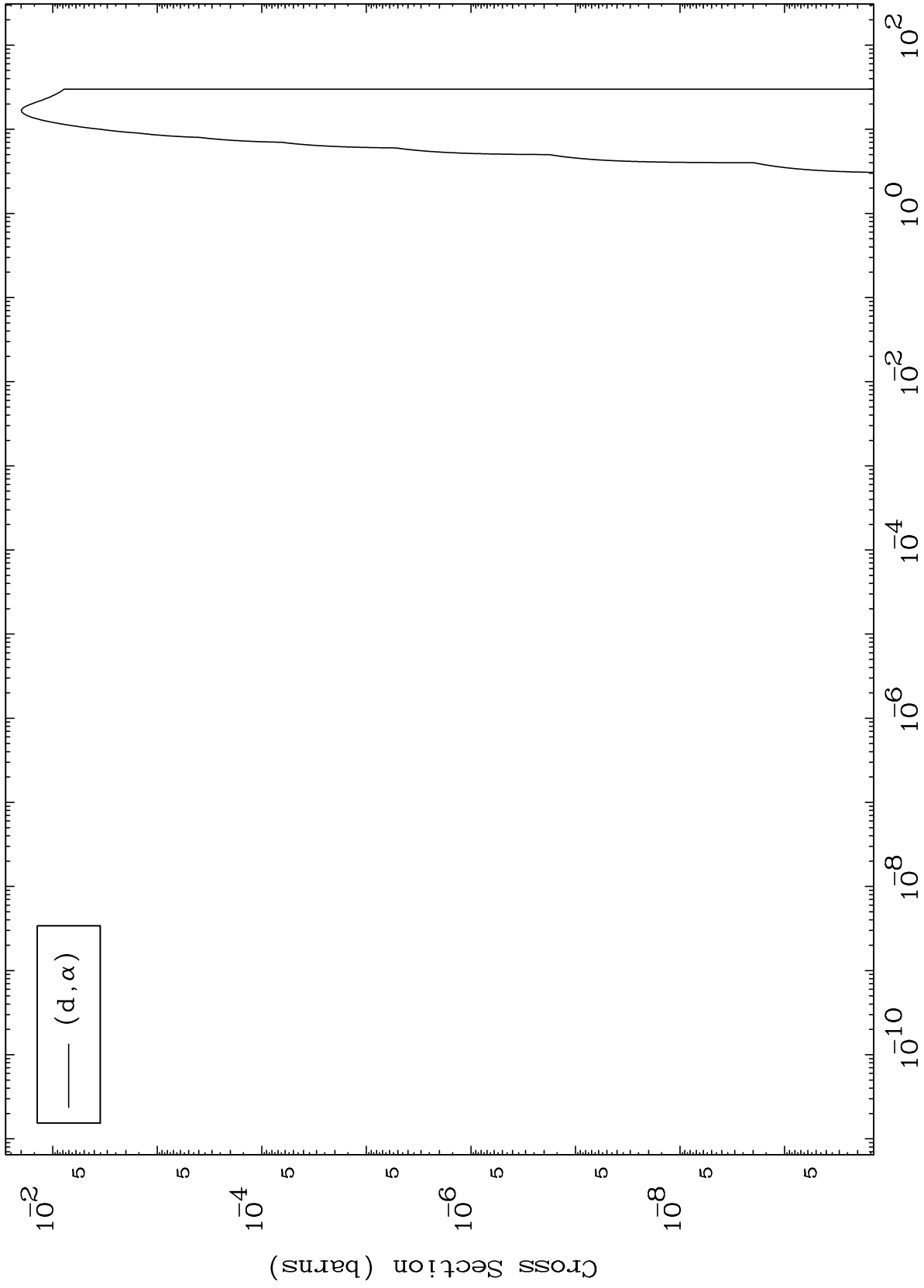
65-Tb-145



MAT 6483

(d, α) Levels
0 Kelvin Cross Sections

65-Tb-145



11

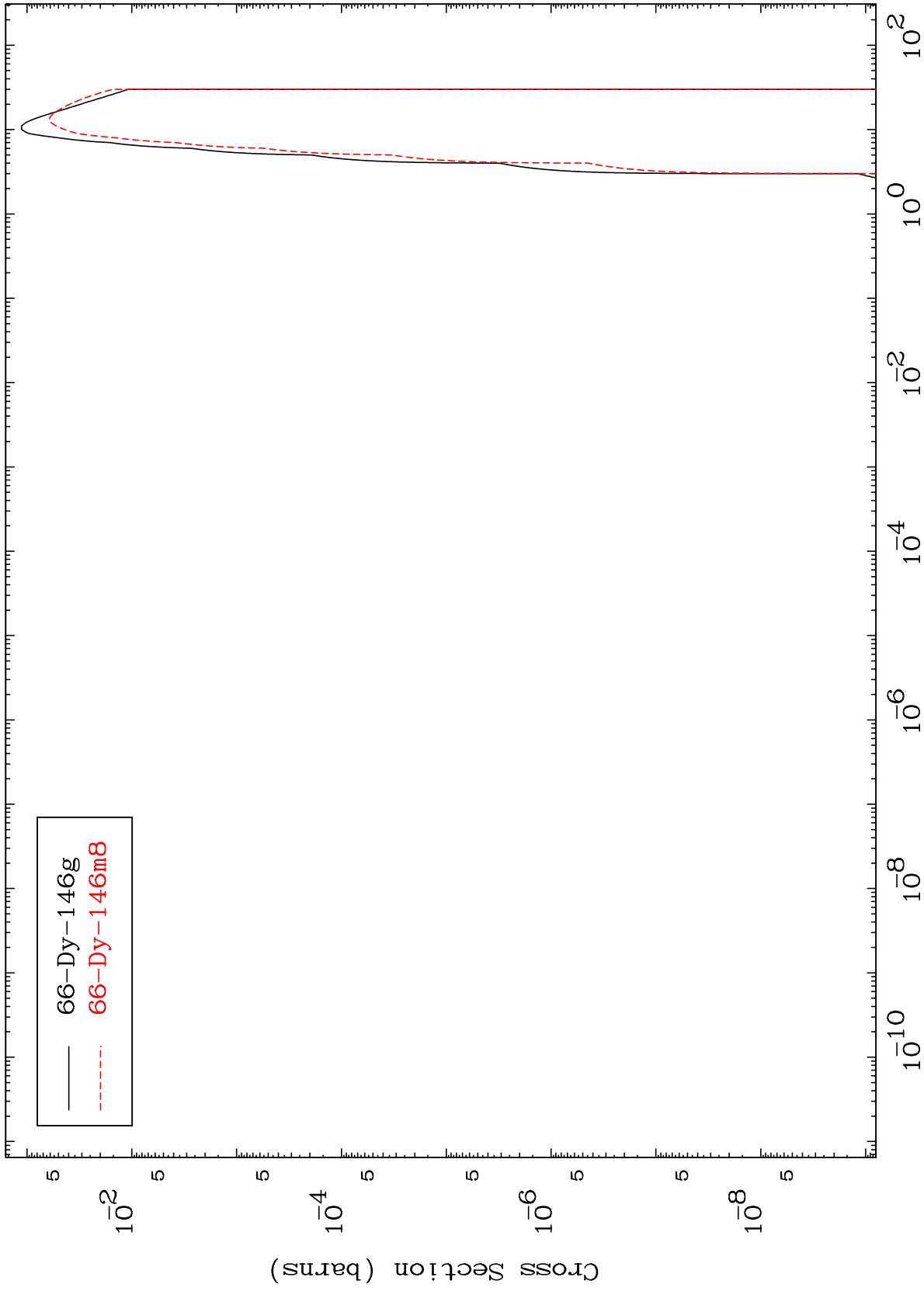
Incident Energy (MeV)

65-Tb-145

MAT 6483

Deuteron Inelastic
Radionuclide Production Cross Section

65-Tb-145



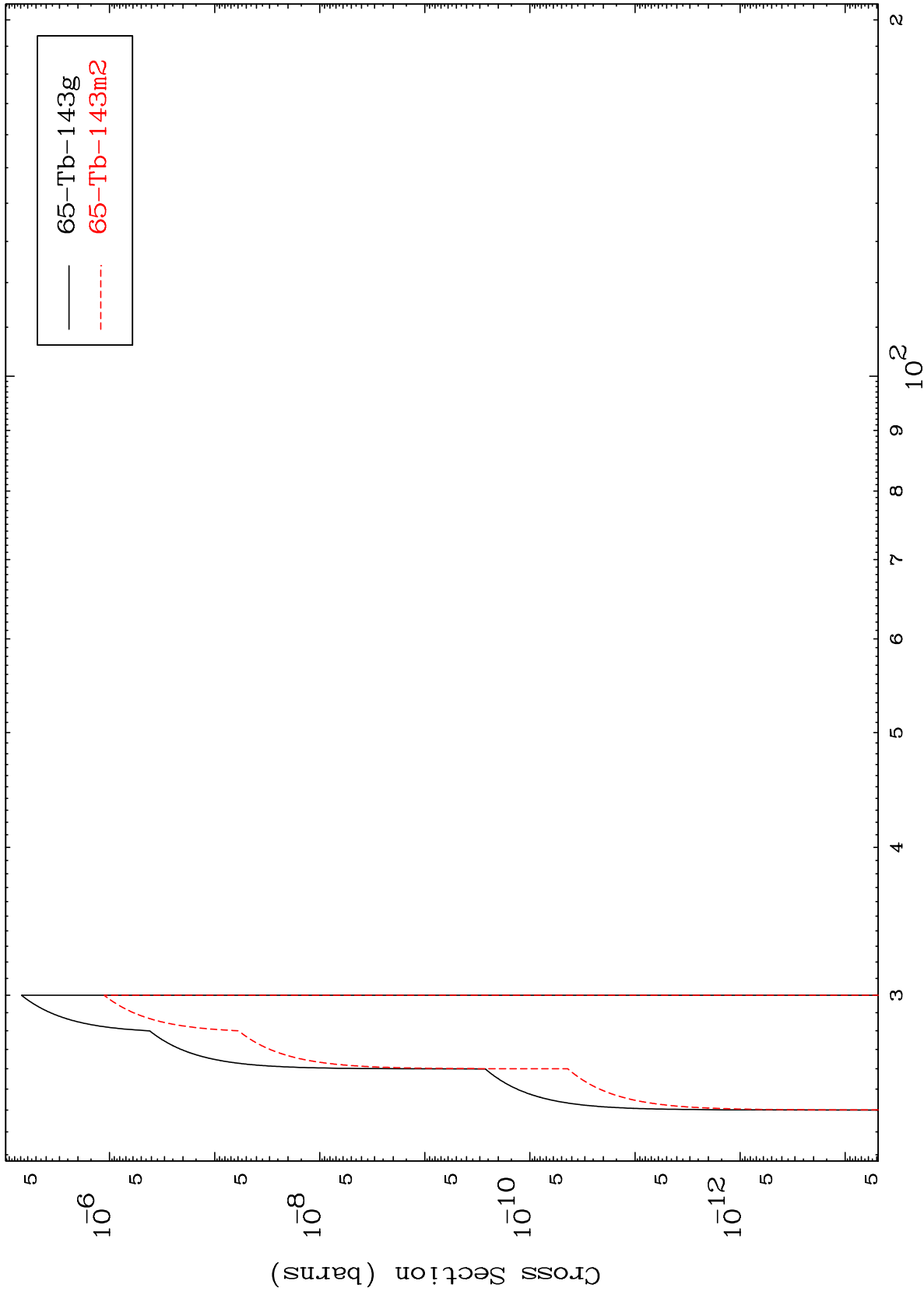
65-Tb-145

MAT 6483

(d,2n) d

65-Tb-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

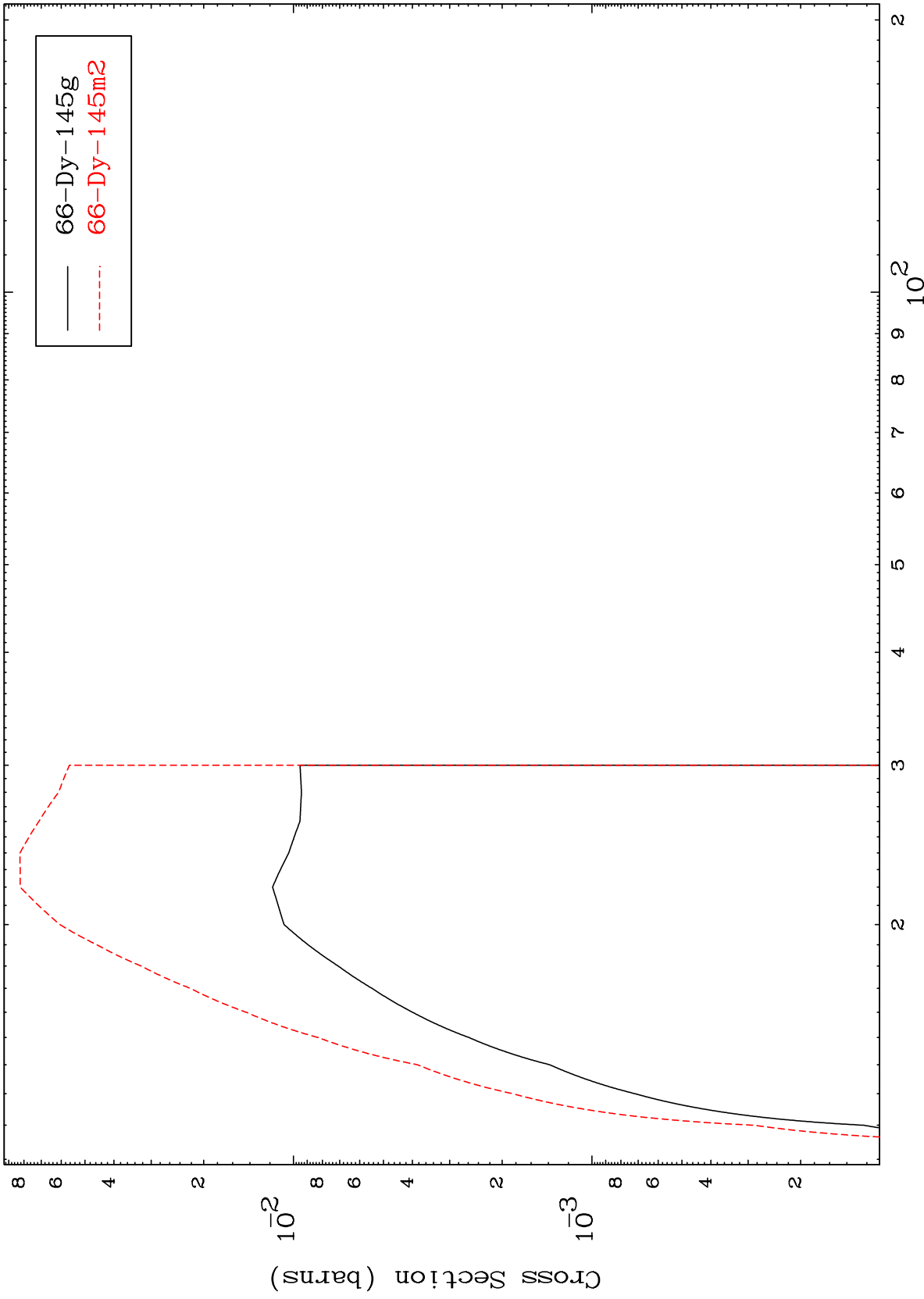
65-Tb-145

MAT 6483

(d,2n)

65-Tb-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

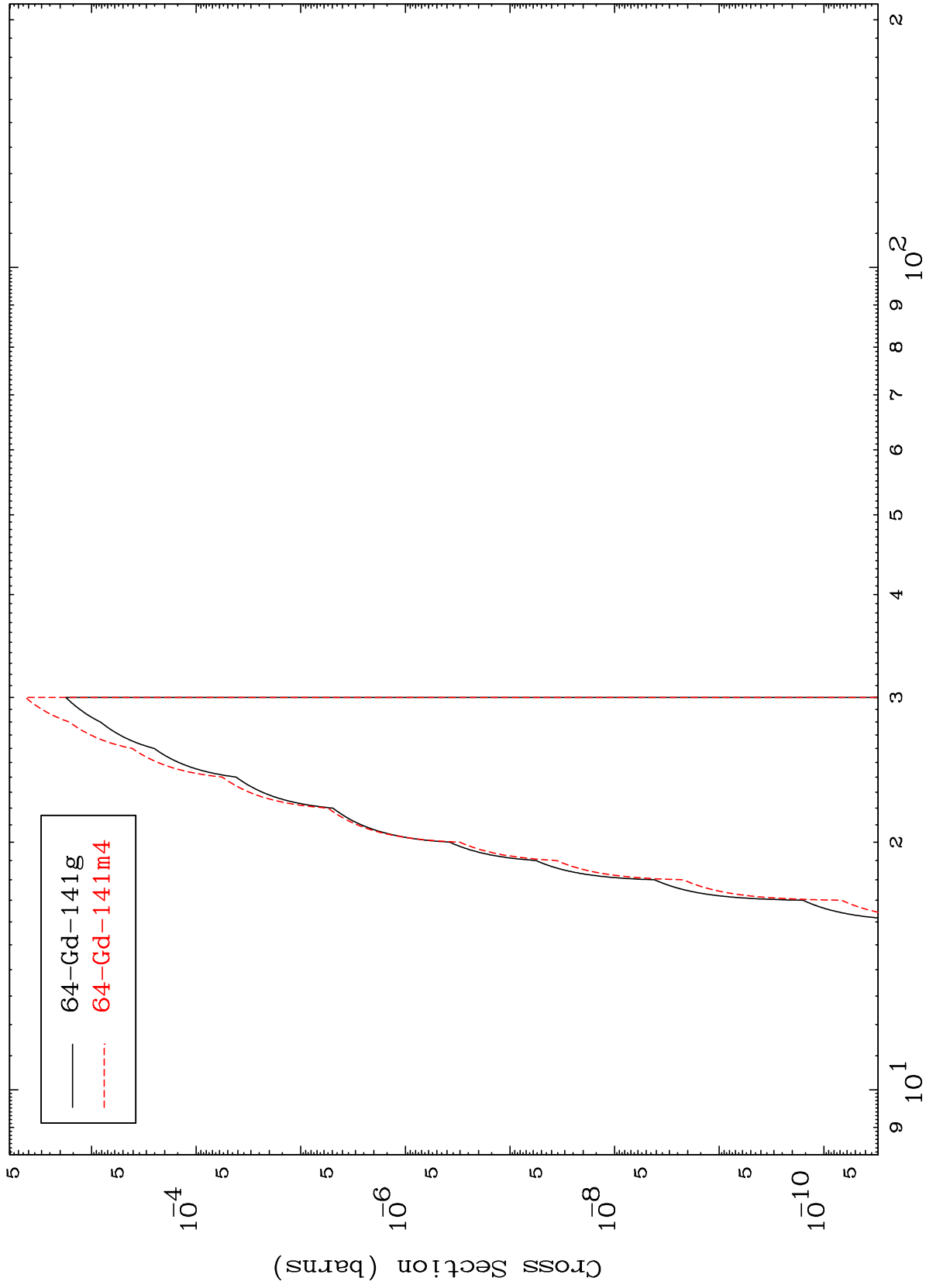
65-Tb-145

MAT 6483

(d,2n) α

65-Tb-145

Radionuclide Production Cross Section



15

Incident Energy (MeV)

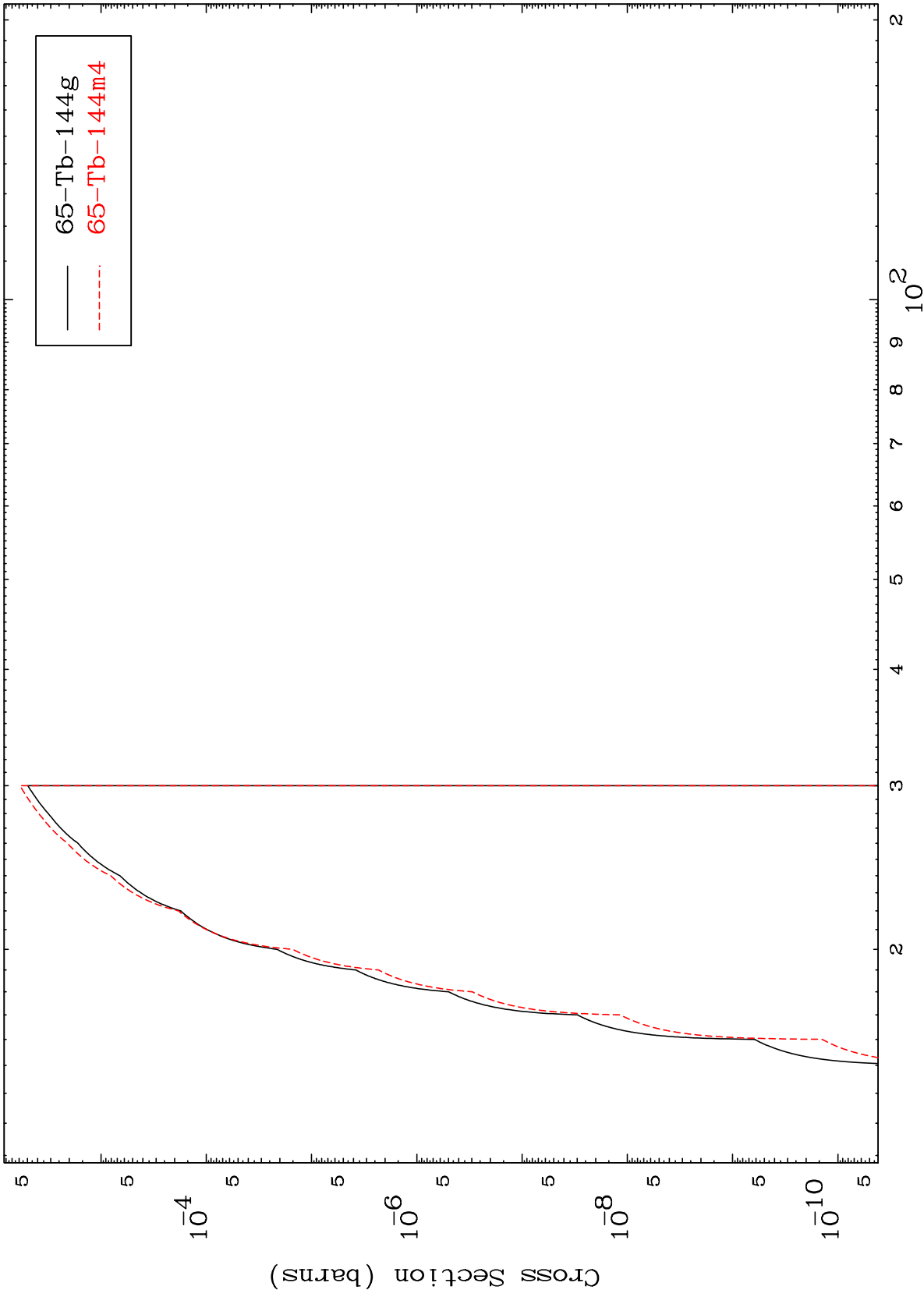
65-Tb-145

MAT 6483

(d,n') d

65-Tb-145

Radionuclide Production Cross Section



16

Incident Energy (MeV)

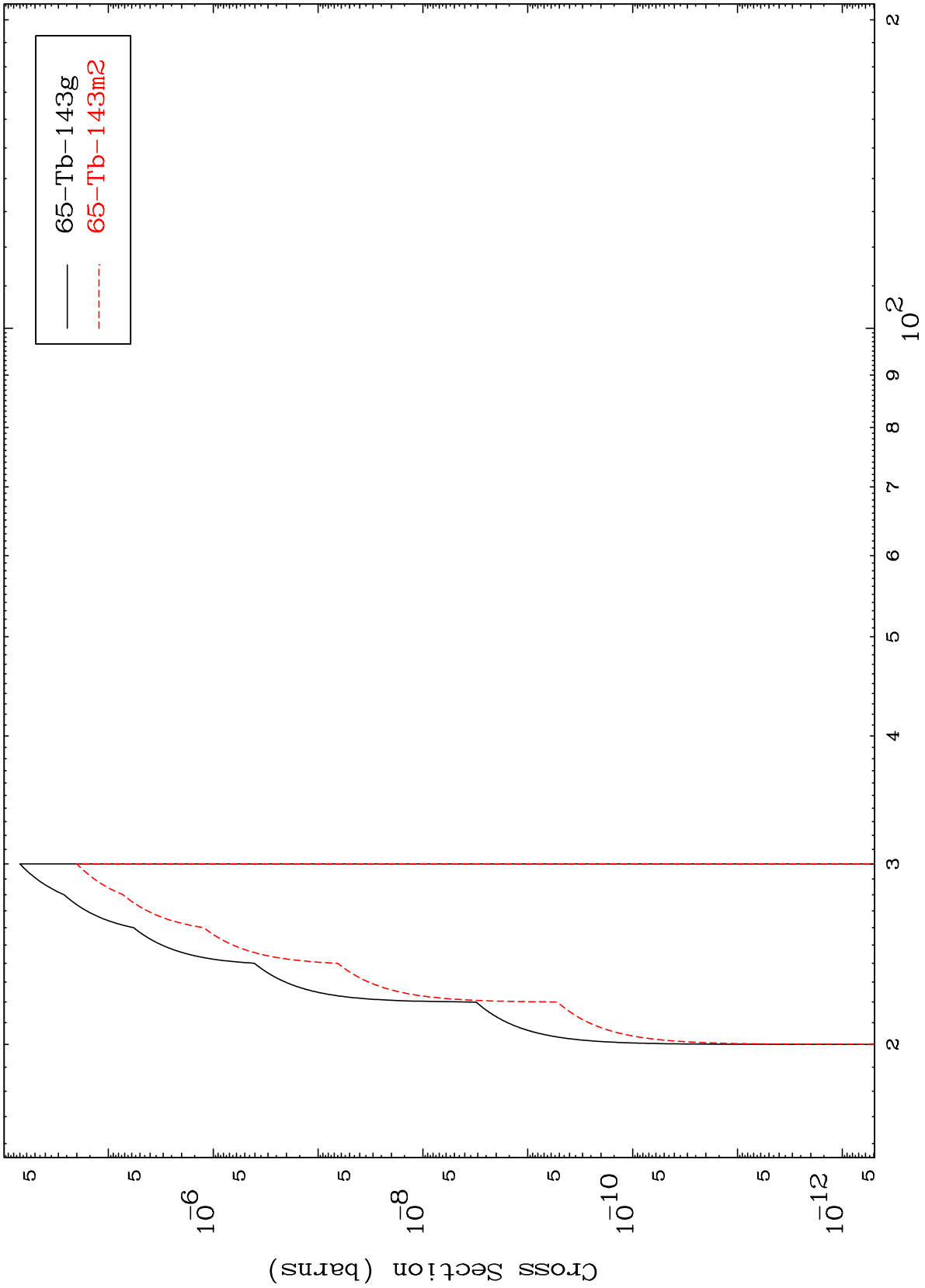
65-Tb-145

MAT 6483

(d,n') t

65-Tb-145

Radionuclide Production Cross Section



17

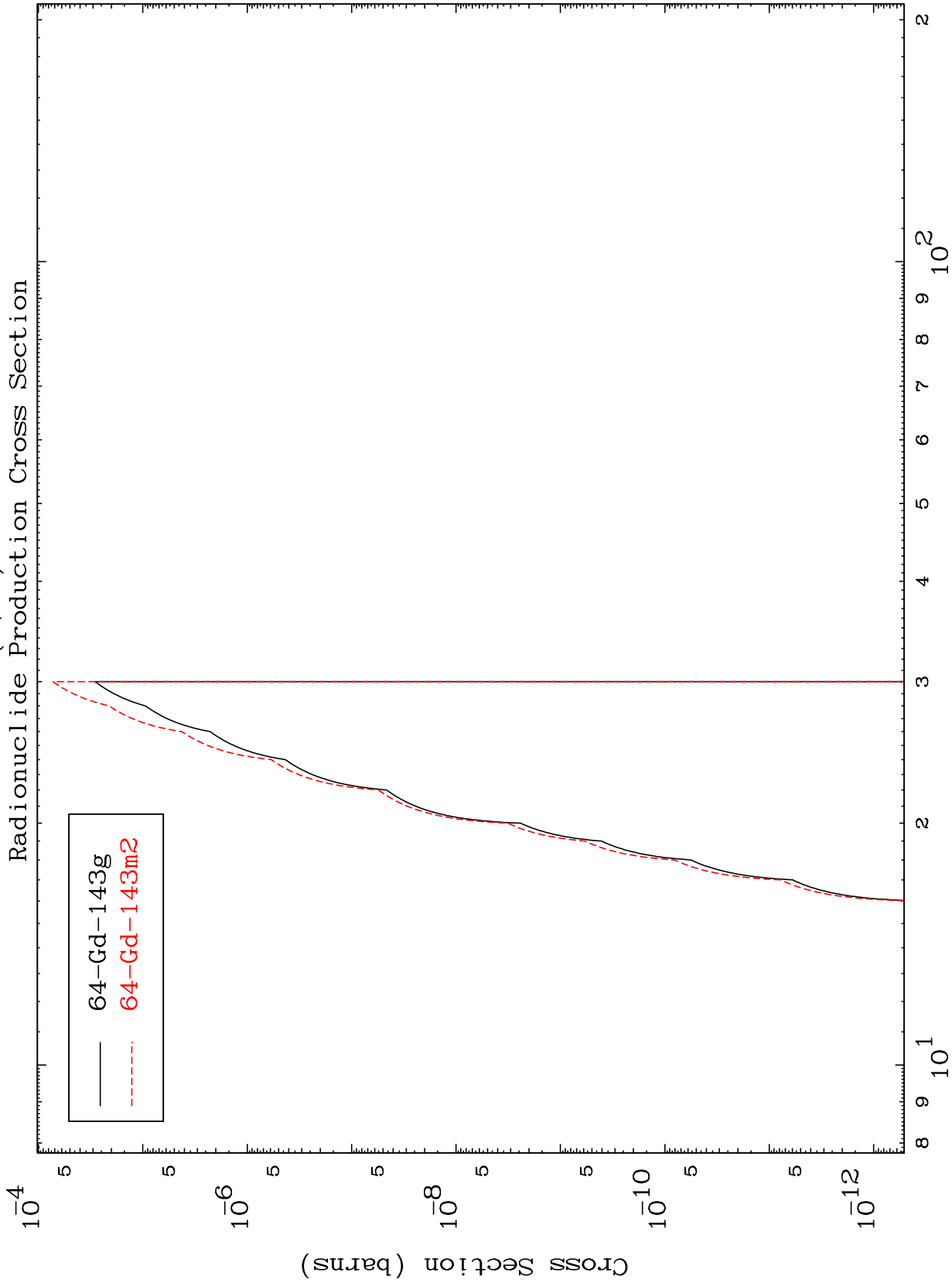
Incident Energy (MeV)

65-Tb-145

MAT 6483

(d,n') He-3

65-Tb-145



64-Gd-143g
64-Gd-143m2

18

Incident Energy (MeV)

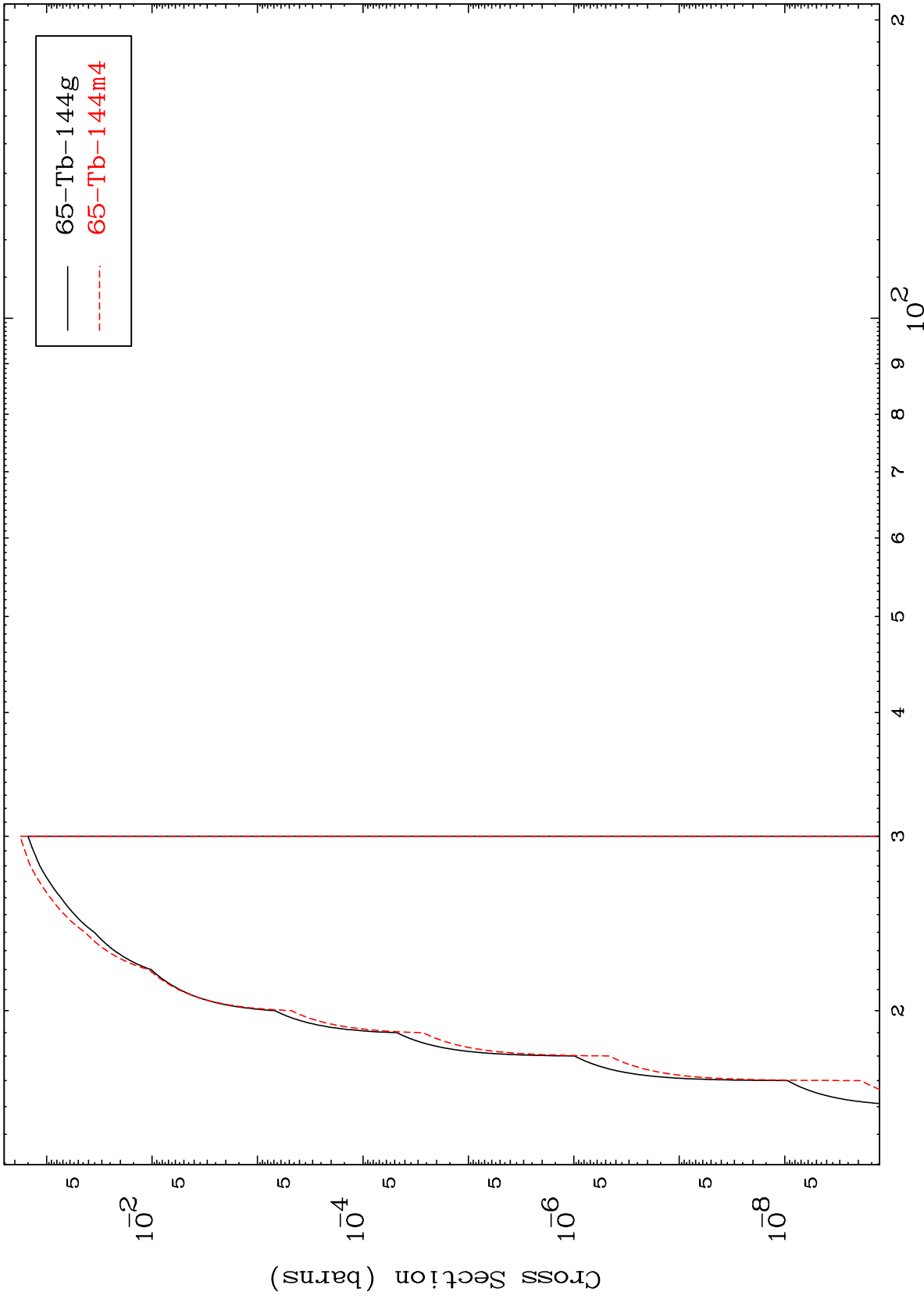
65-Tb-145

MAT 6483

(d,2n) p

65-Tb-145

Radionuclide Production Cross Section



19

Incident Energy (MeV)

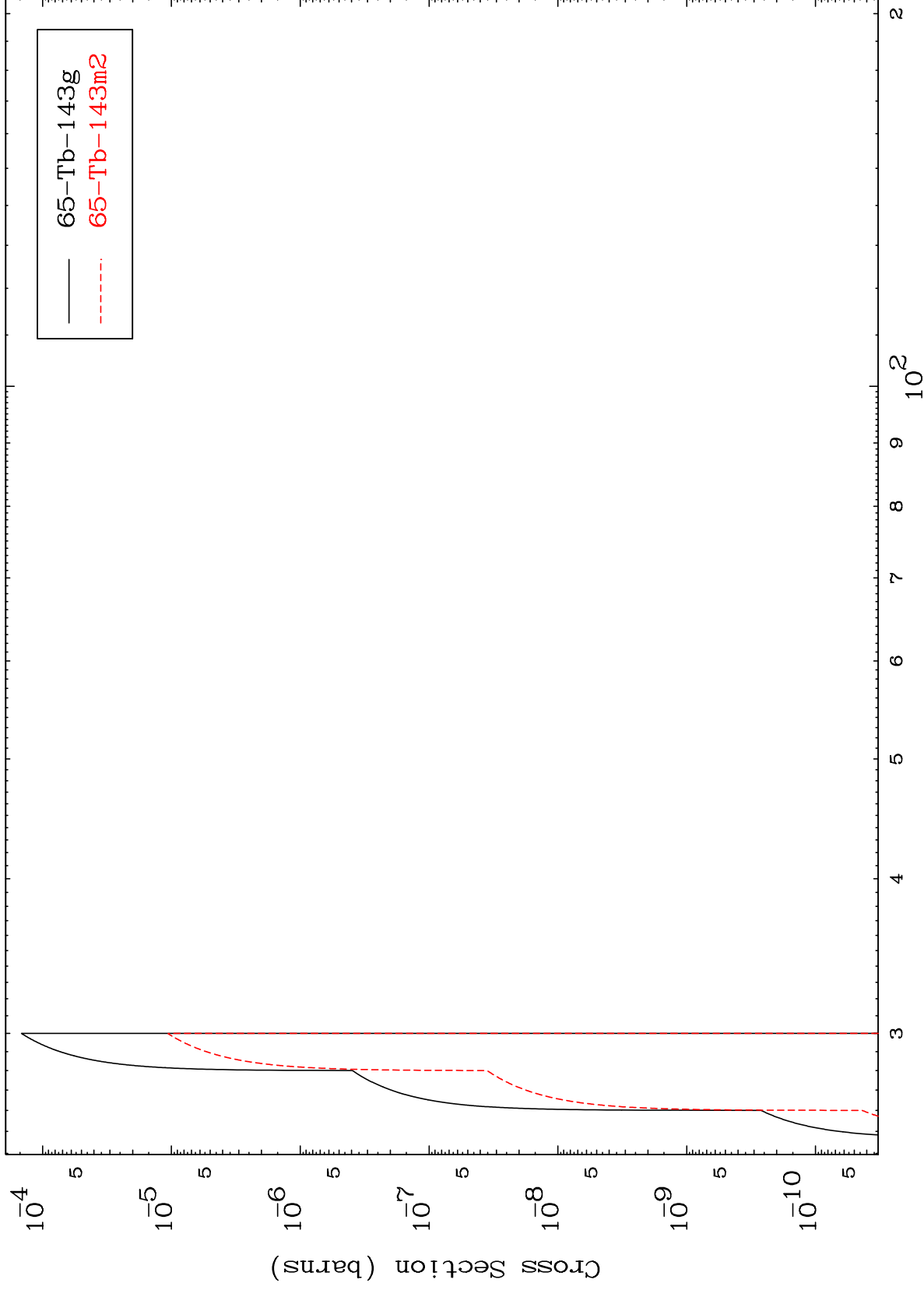
65-Tb-145

MAT 6483

(d,3n) p

65-Tb-145

Radionuclide Production Cross Section



20

Incident Energy (MeV)

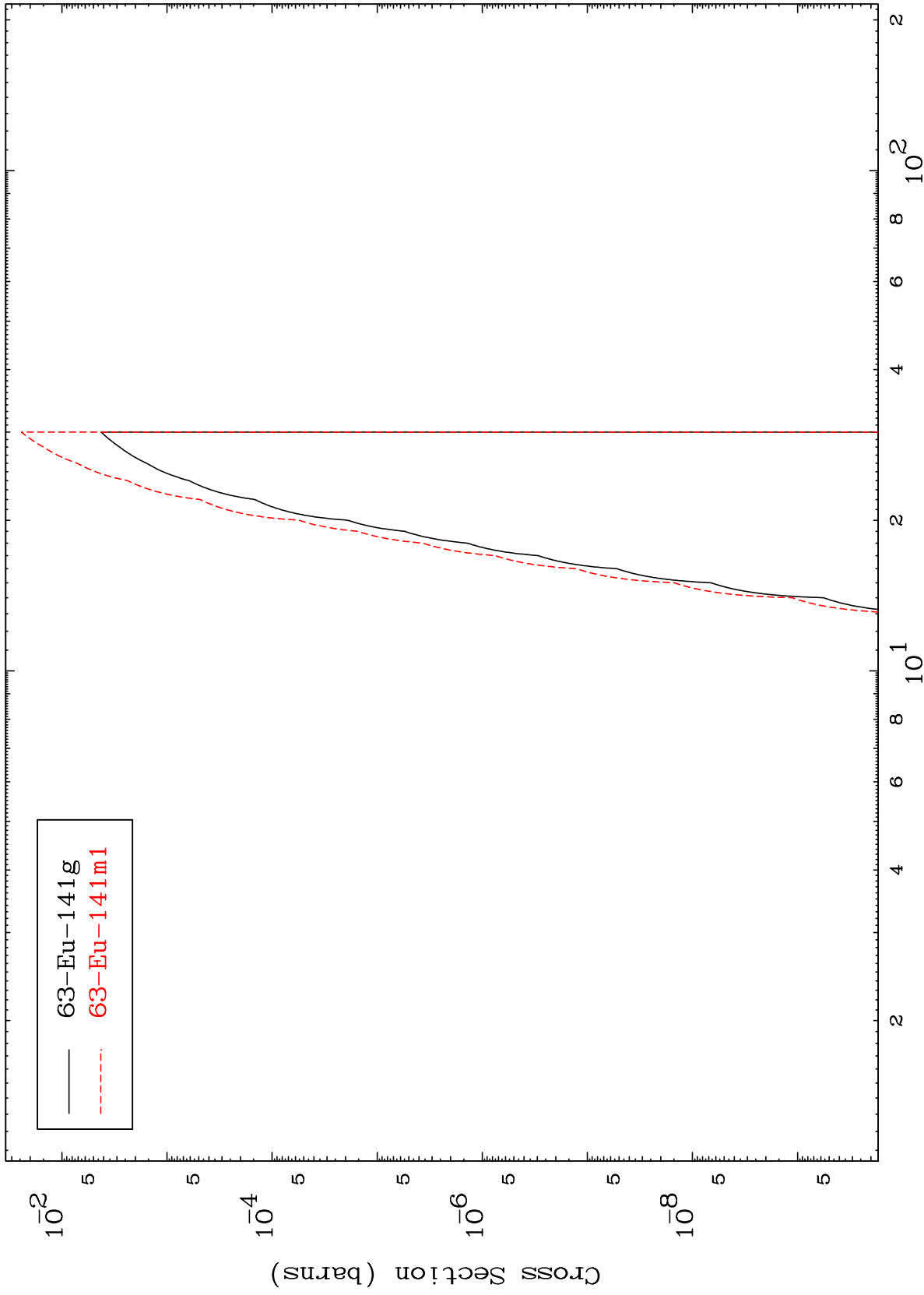
65-Tb-145

MAT 6483

(d,n') p α

65-Tb-145

Radionuclide Production Cross Section



21

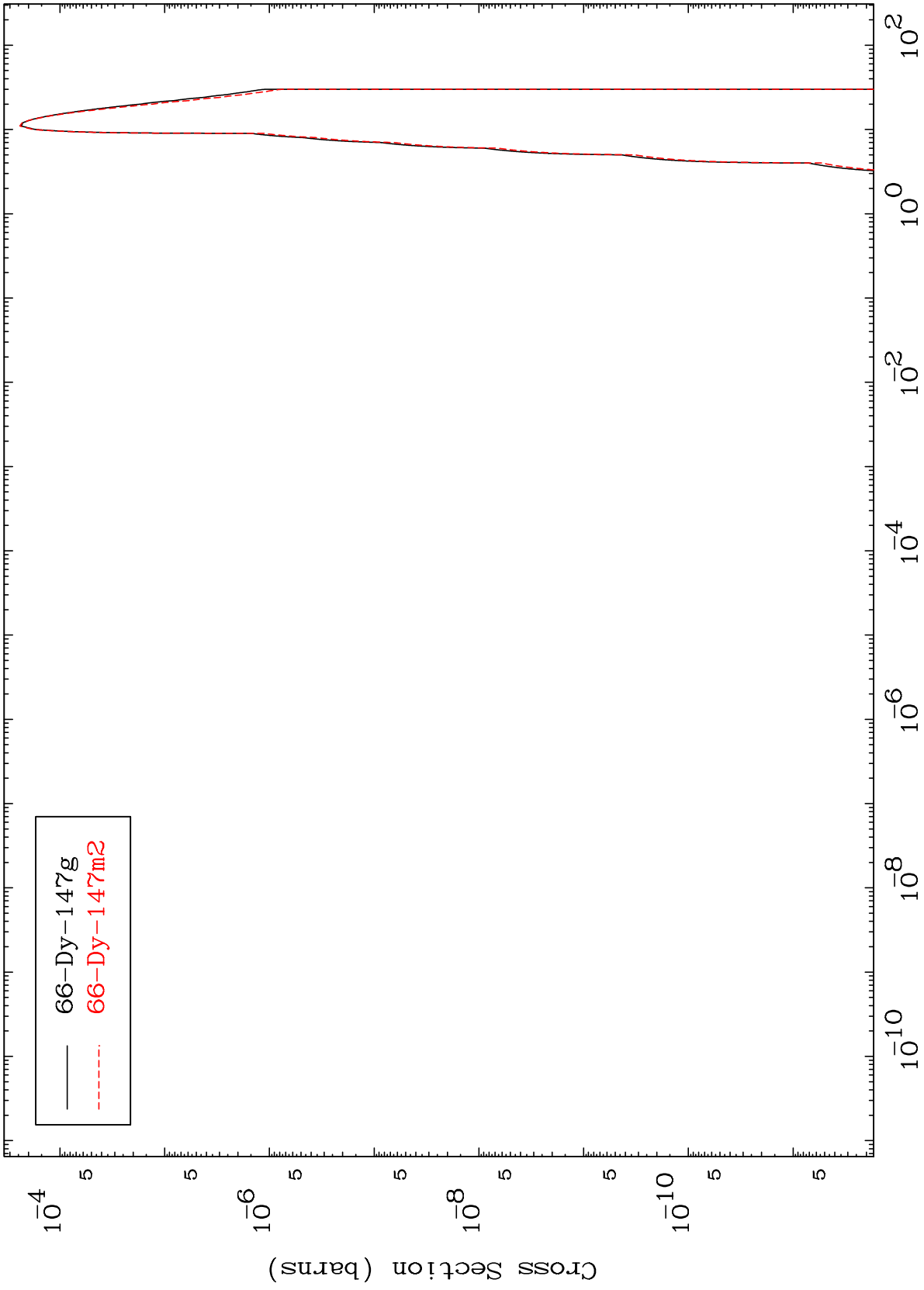
Incident Energy (MeV)

65-Tb-145

MAT 6483

(d,γ)
Radionuclide Production Cross Section

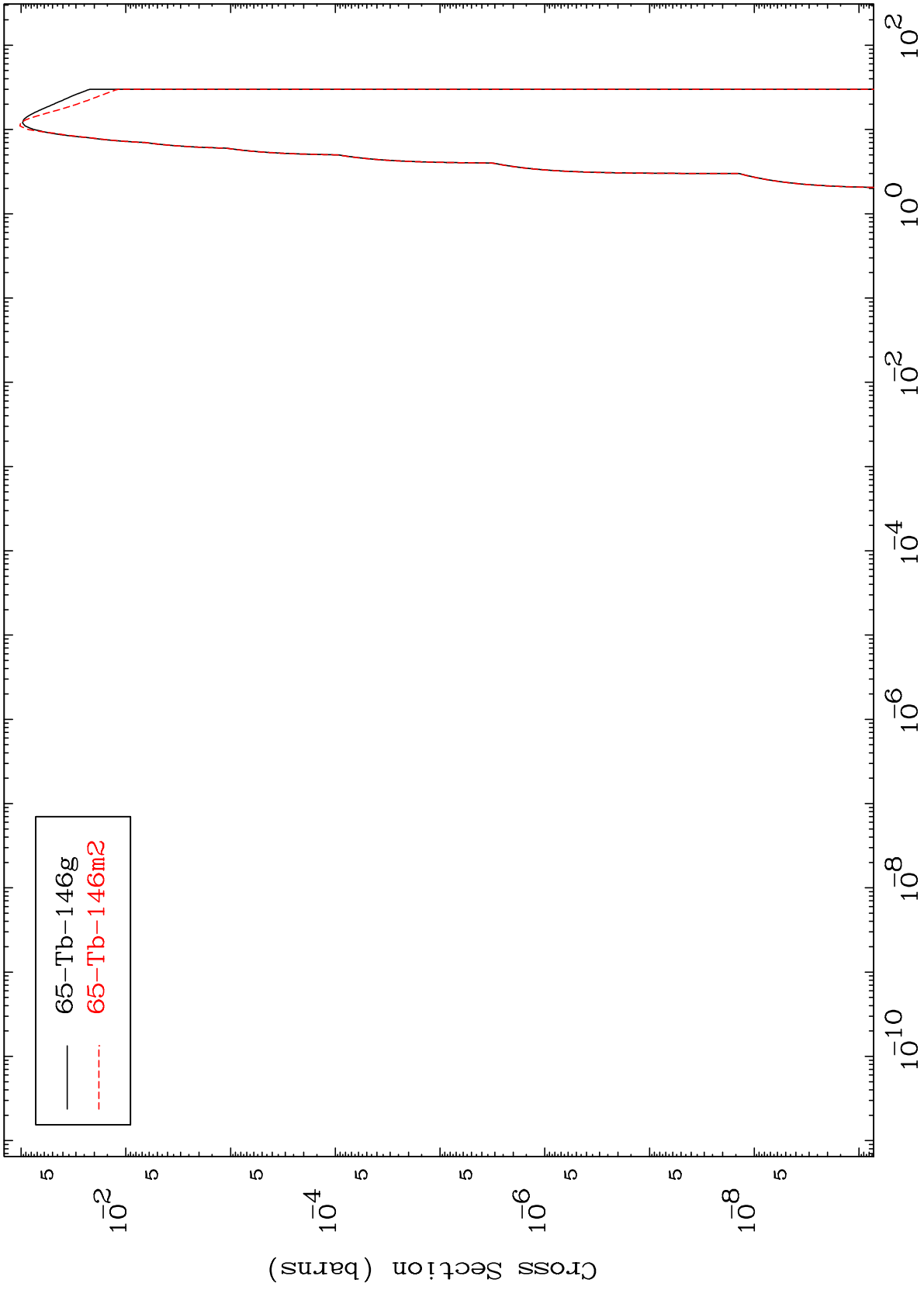
65-Tb-145



MAT 6483

(d,p)
Radionuclide Production Cross Section

65-Tb-145



23

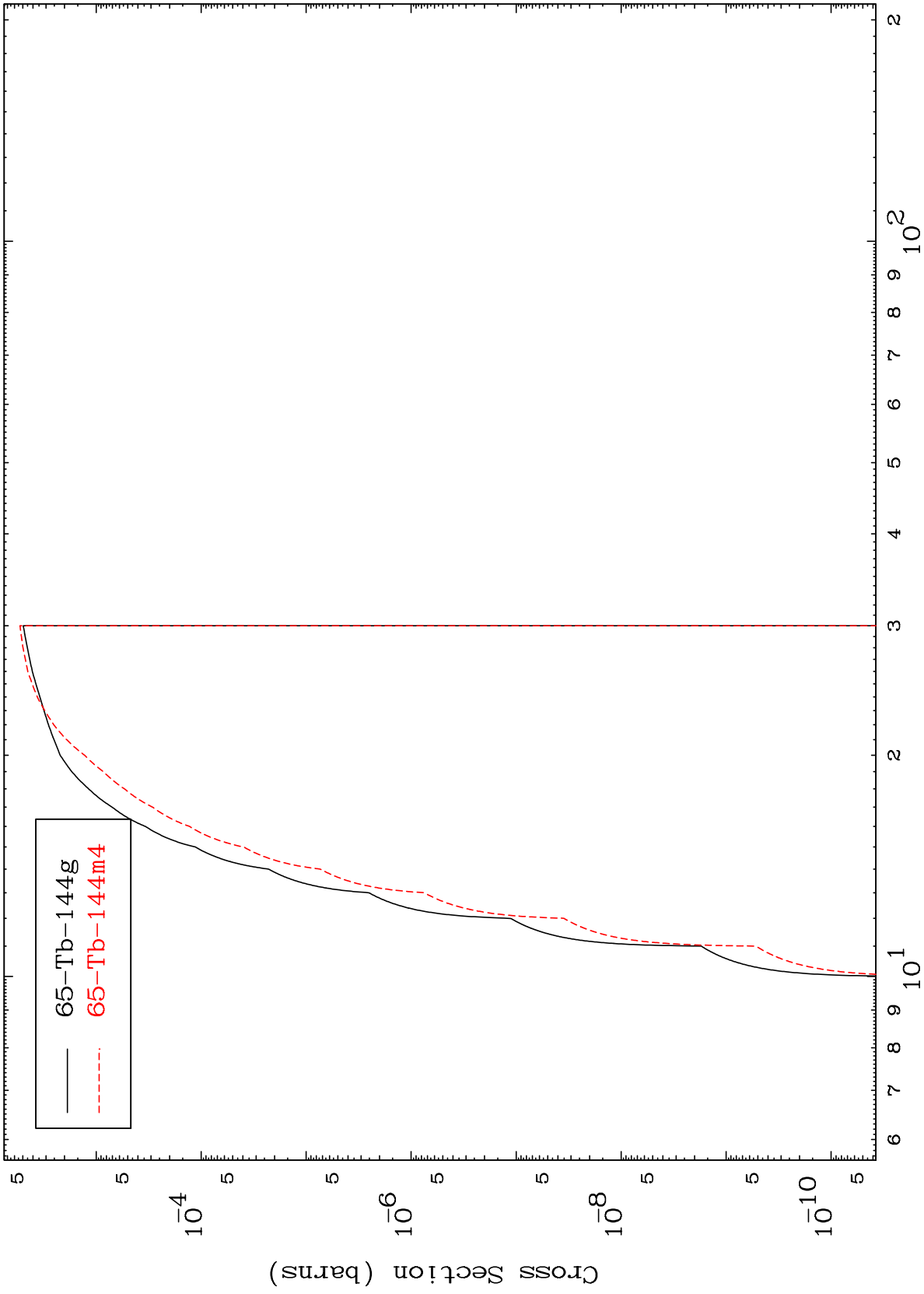
Incident Energy (MeV)

65-Tb-145

MAT 6483

65-Tb-145

(d, t)
Radionuclide Production Cross Section



24

65-Tb-145

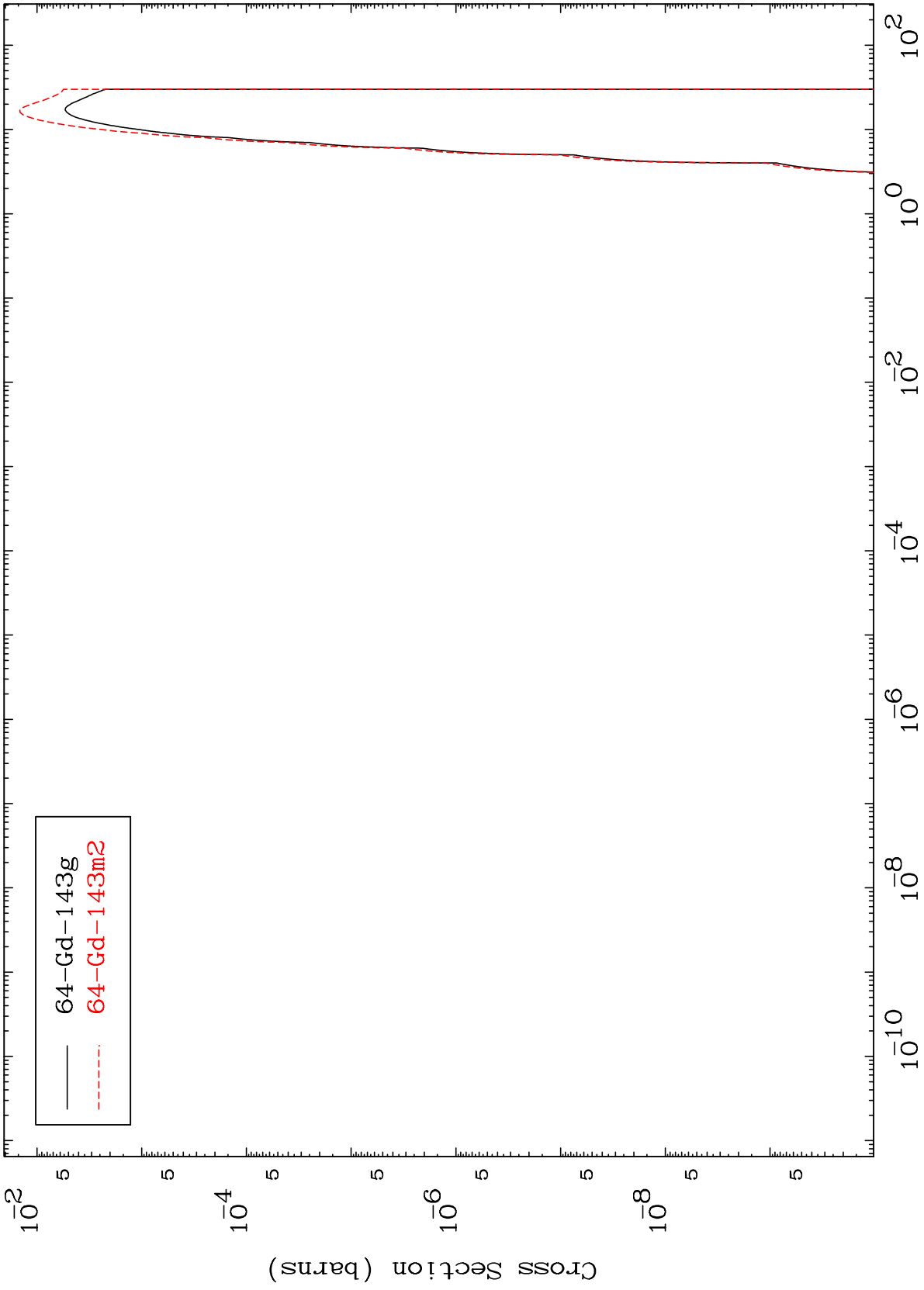
Incident Energy (MeV)

MAT 6483

(d, α)

⁶⁵Tb-145

Radionuclide Production Cross Section



25

Incident Energy (MeV)

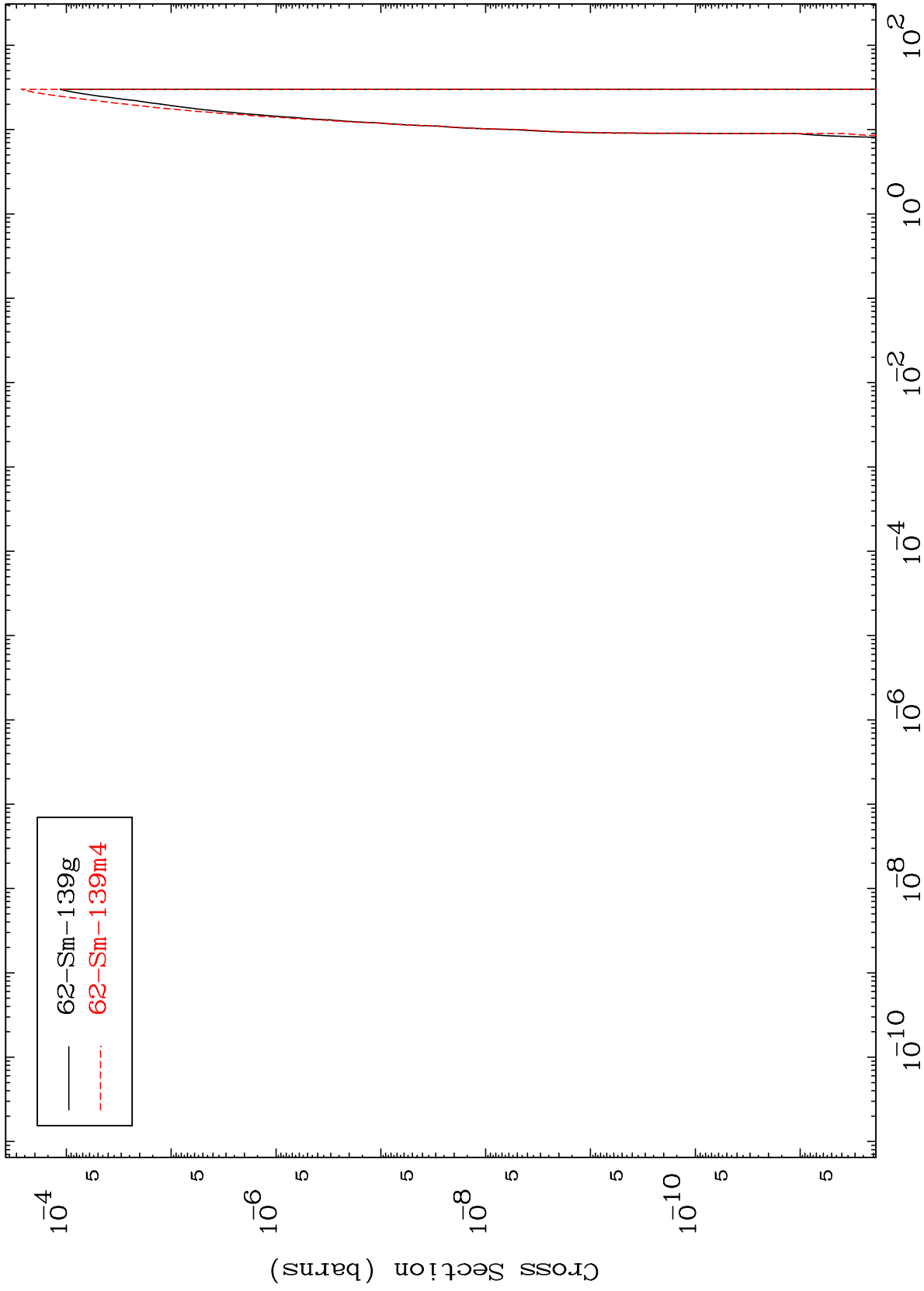
⁶⁵Tb-145

MAT 6483

(d,2α)

65-Tb-145

Radionuclide Production Cross Section

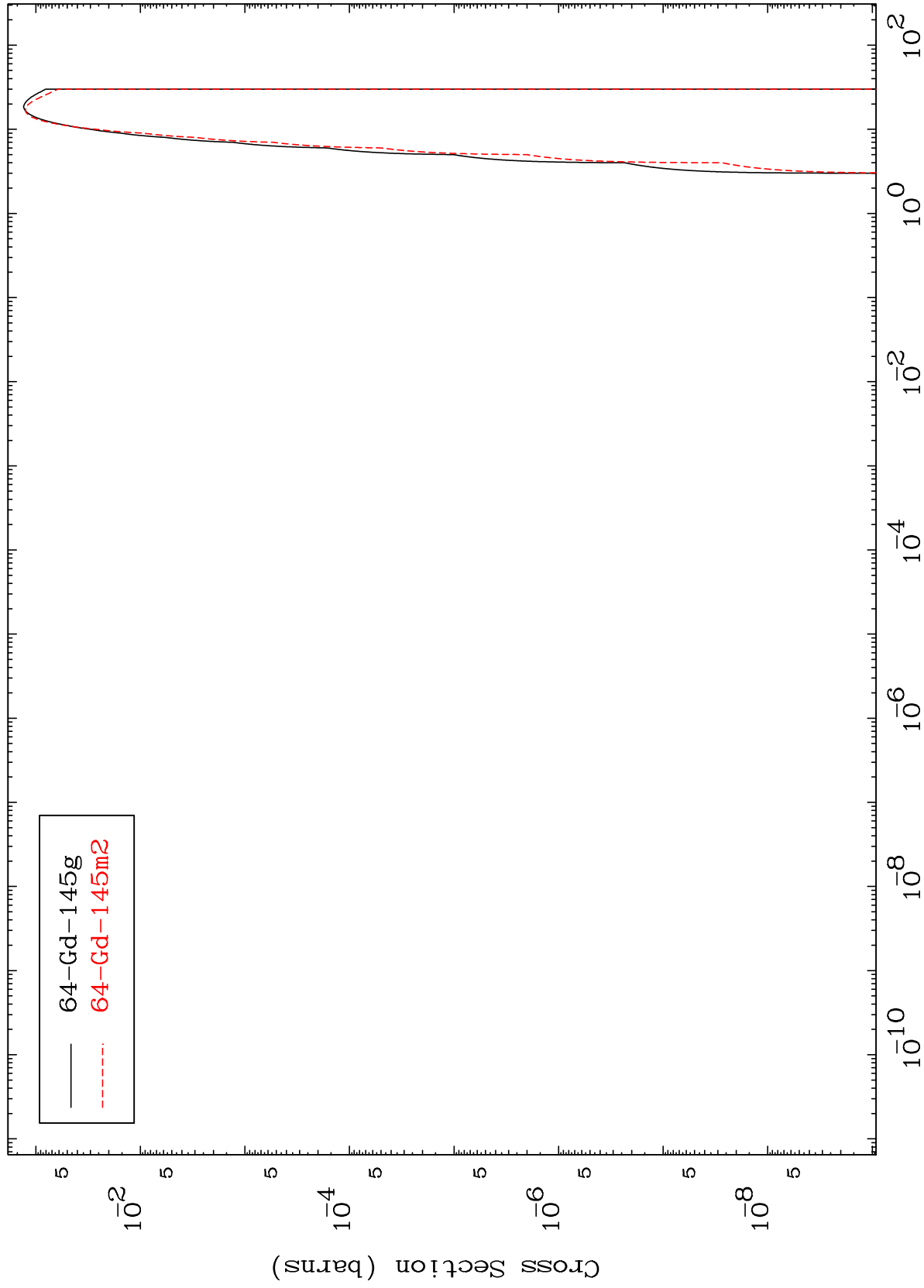


65-Tb-145

MAT 6483

(d,2p)
Radionuclide Production Cross Section

65-Tb-145



27

Incident Energy (MeV)

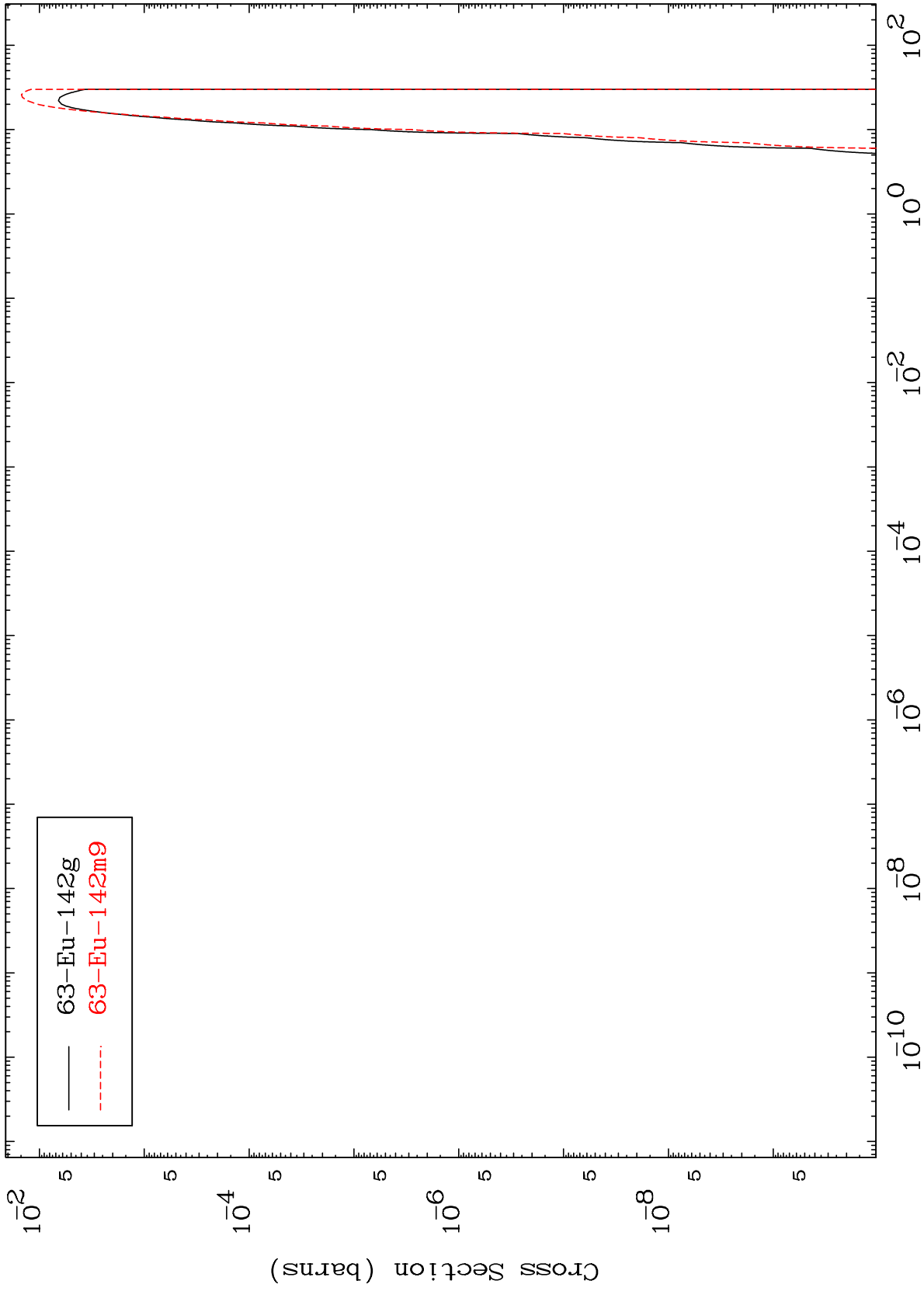
65-Tb-145

MAT 6483

(d,p) α

65-Tb-145

Radionuclide Production Cross Section

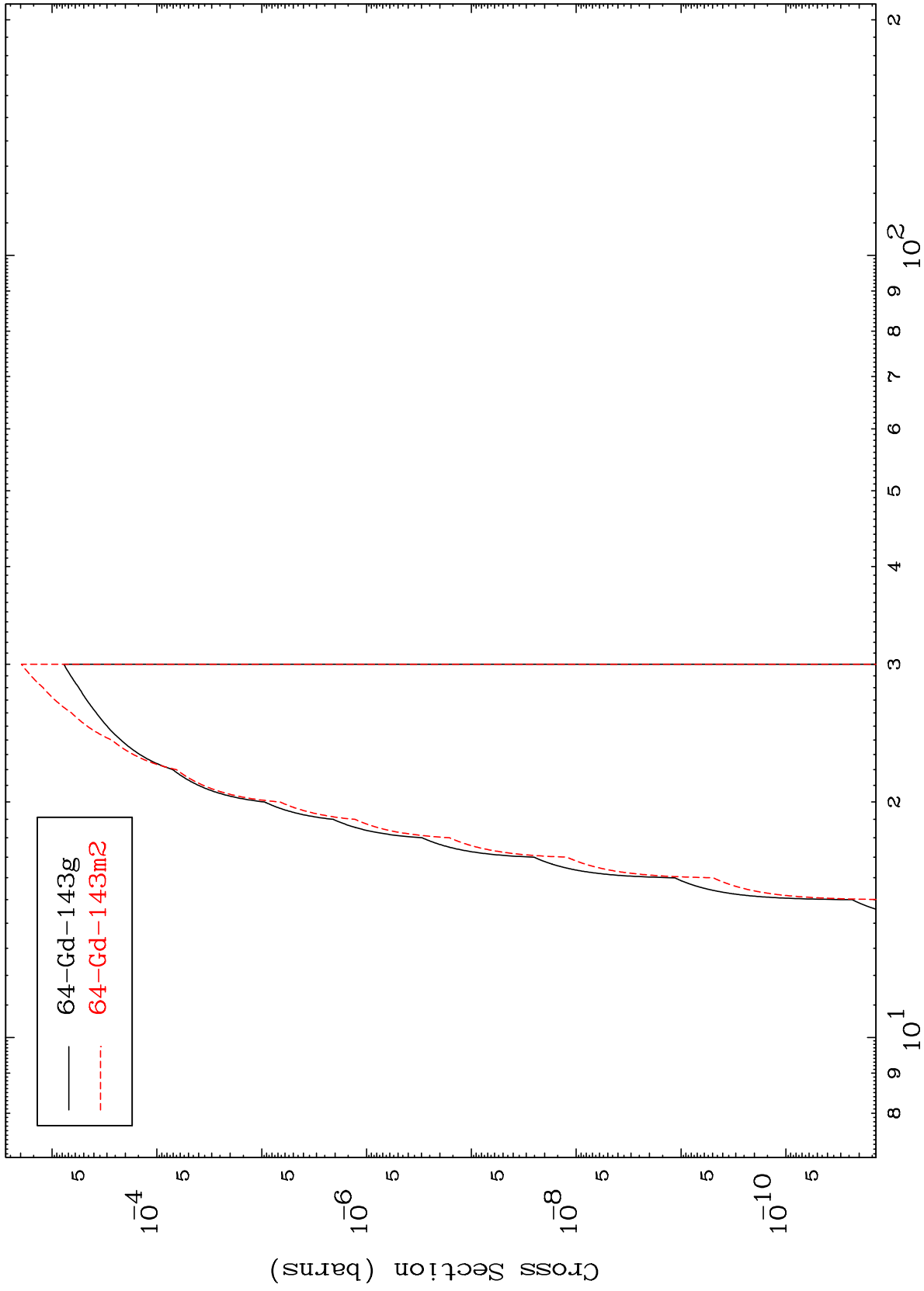


MAT 6483

(d,p) t

65-Tb-145

Radionuclide Production Cross Section



29

Incident Energy (MeV)

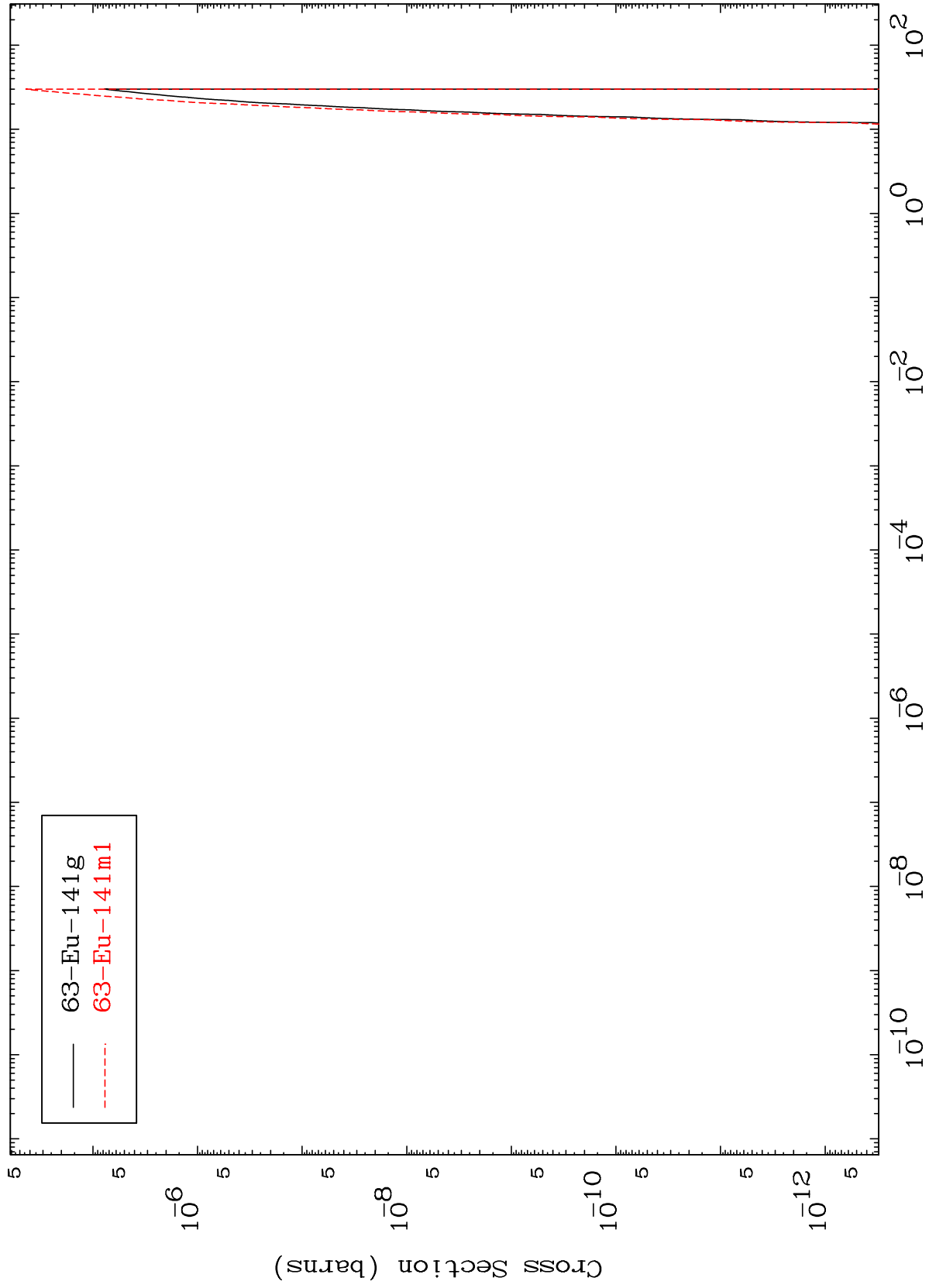
65-Tb-145

MAT 6483

(d,d) α

65-Tb-145

Radionuclide Production Cross Section



30

Incident Energy (MeV)

65-Tb-145