

Program EVALPLOT
(Version 2021-1)

by

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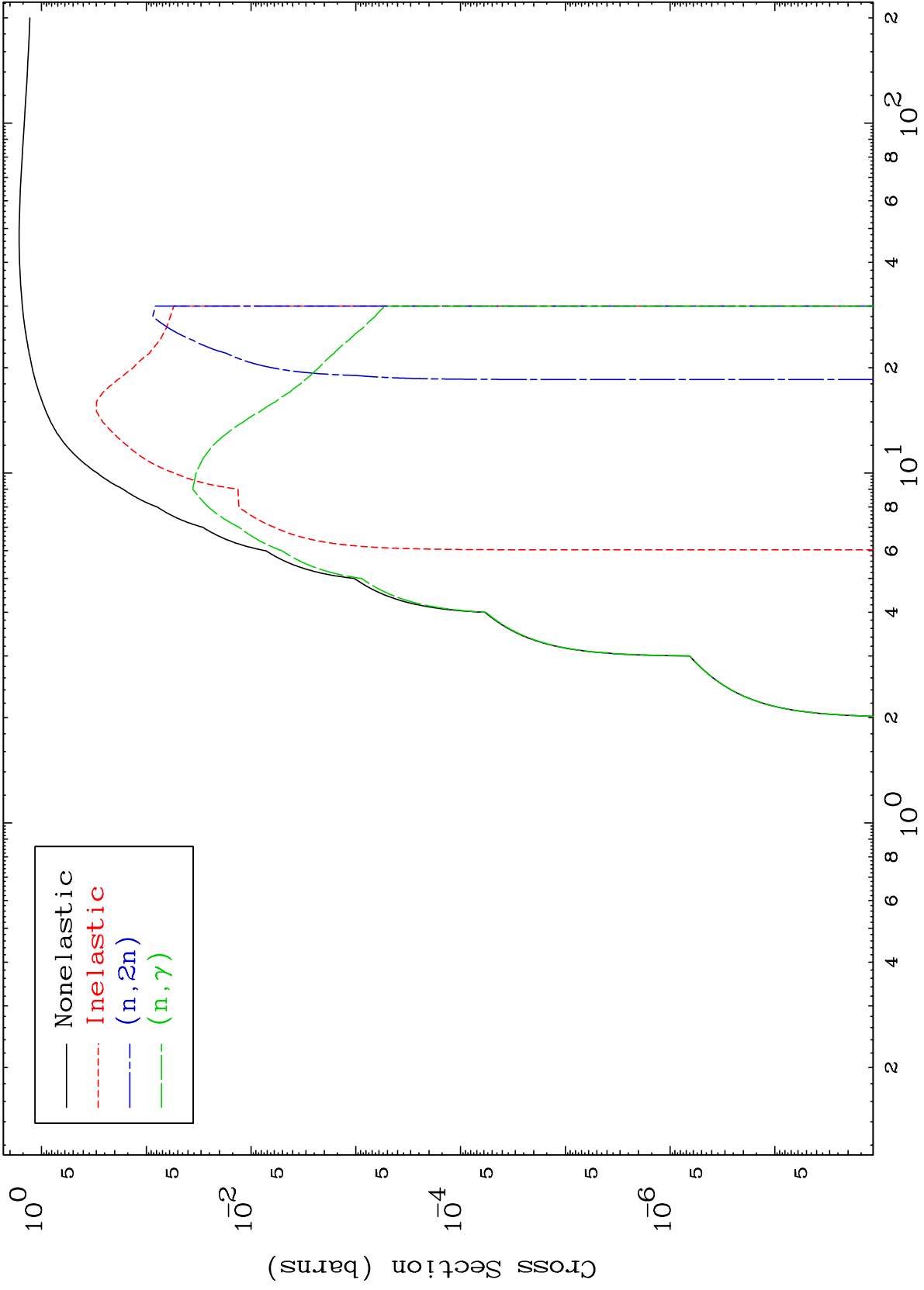
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6486

Proton Major
0 Kelvin Cross Sections

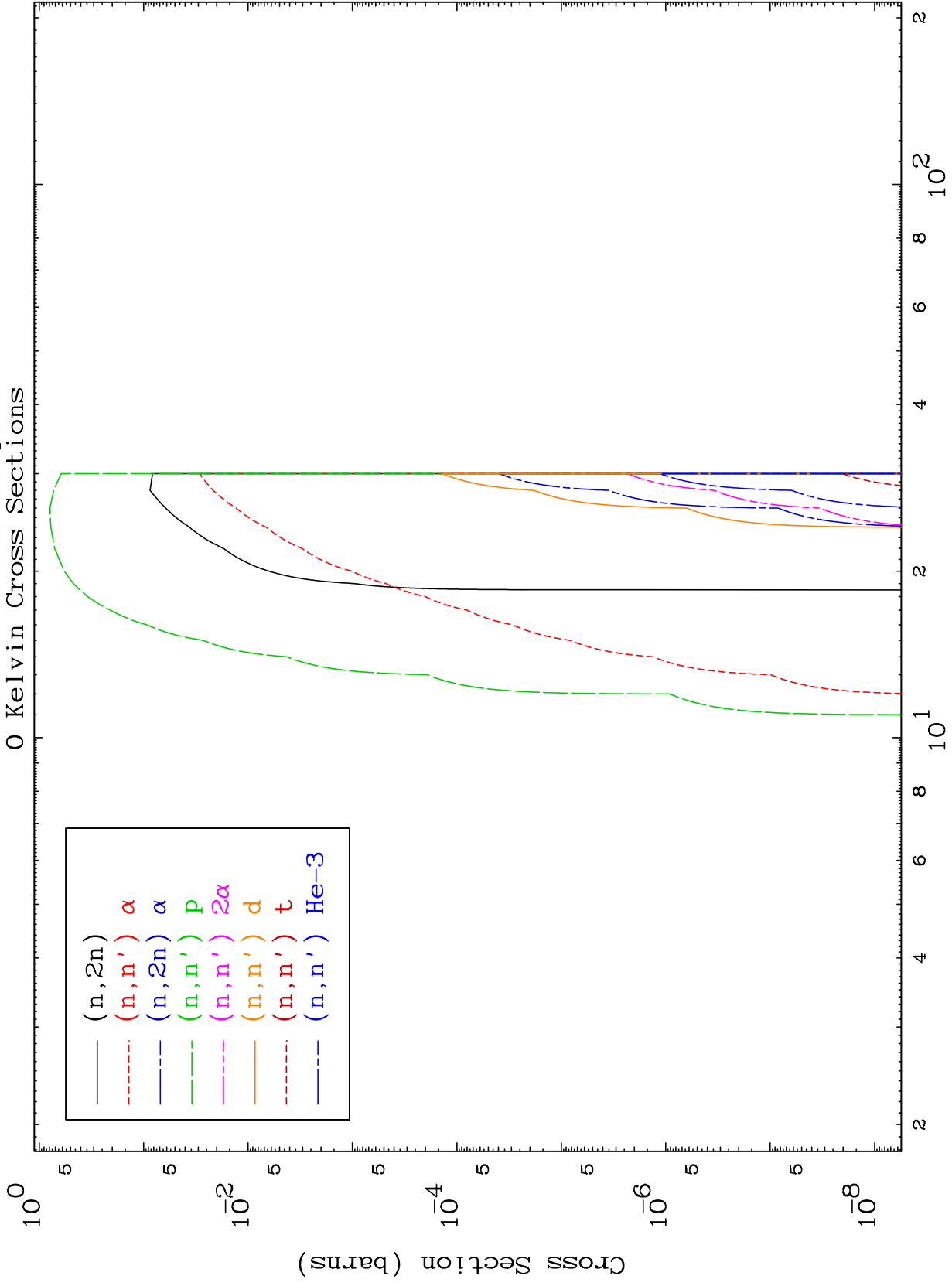
65-Tb-146



MAT 6486

Proton Neutron Absorption
0 Kelvin Cross Sections

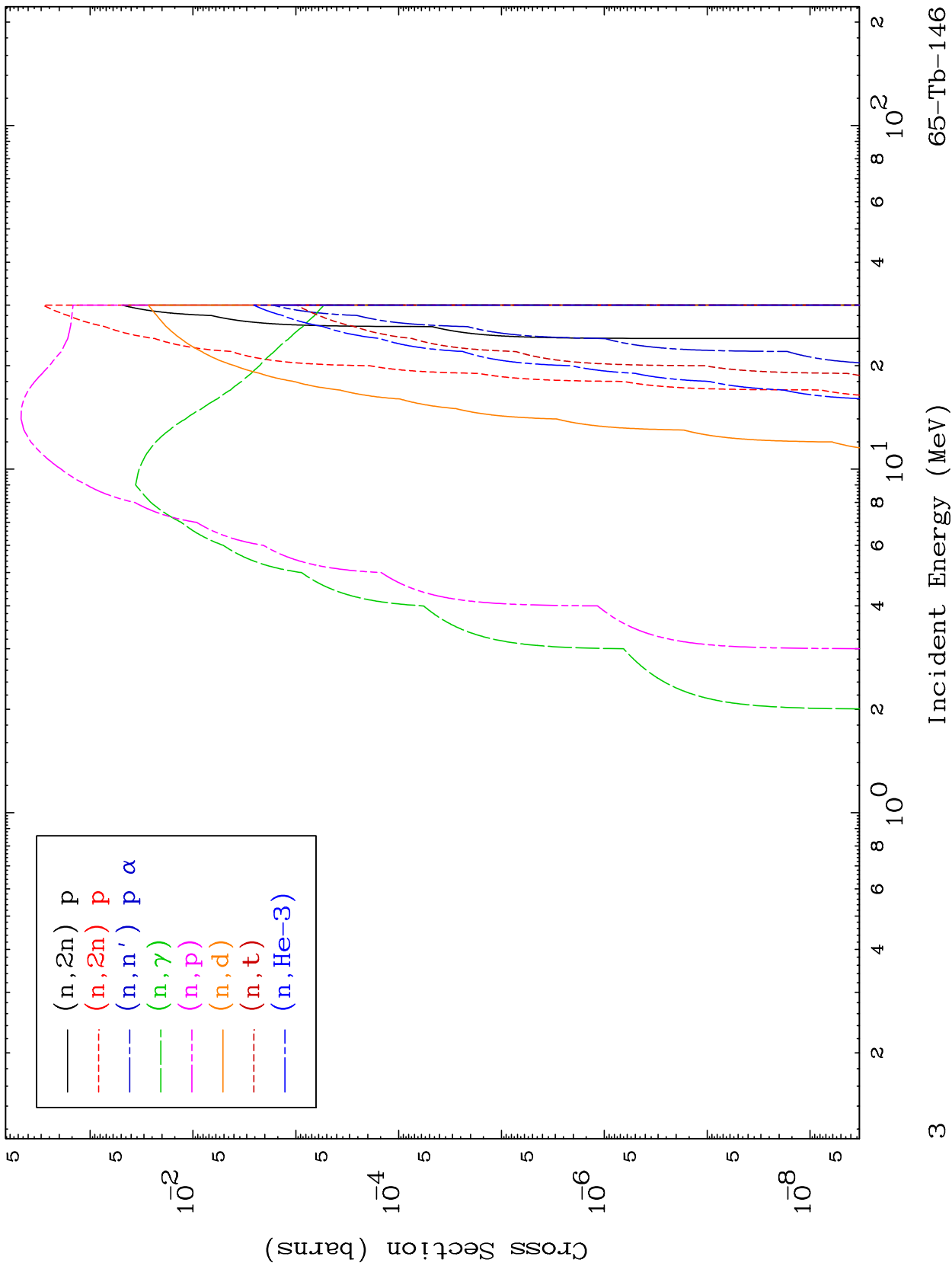
65-Tb-146

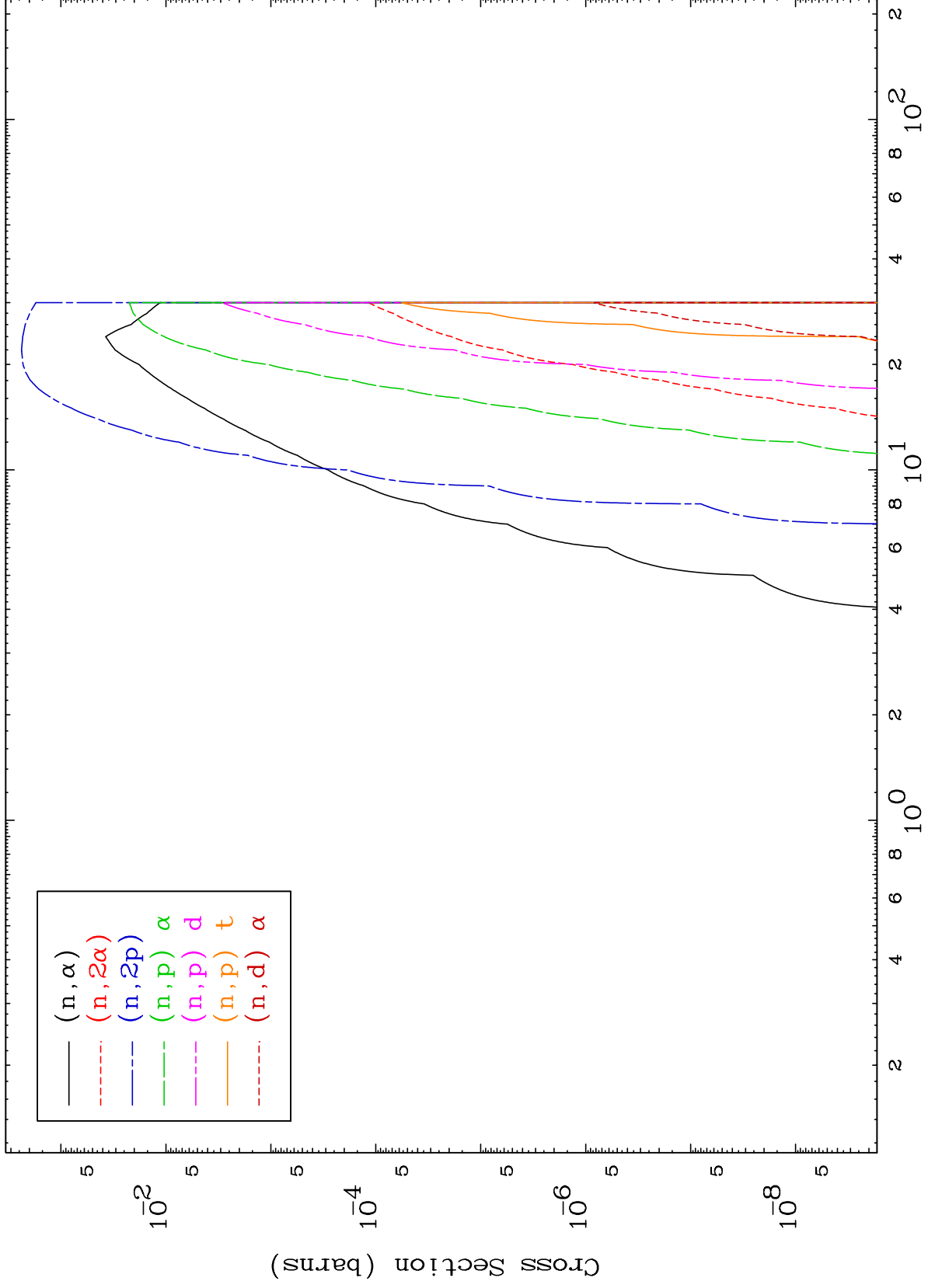


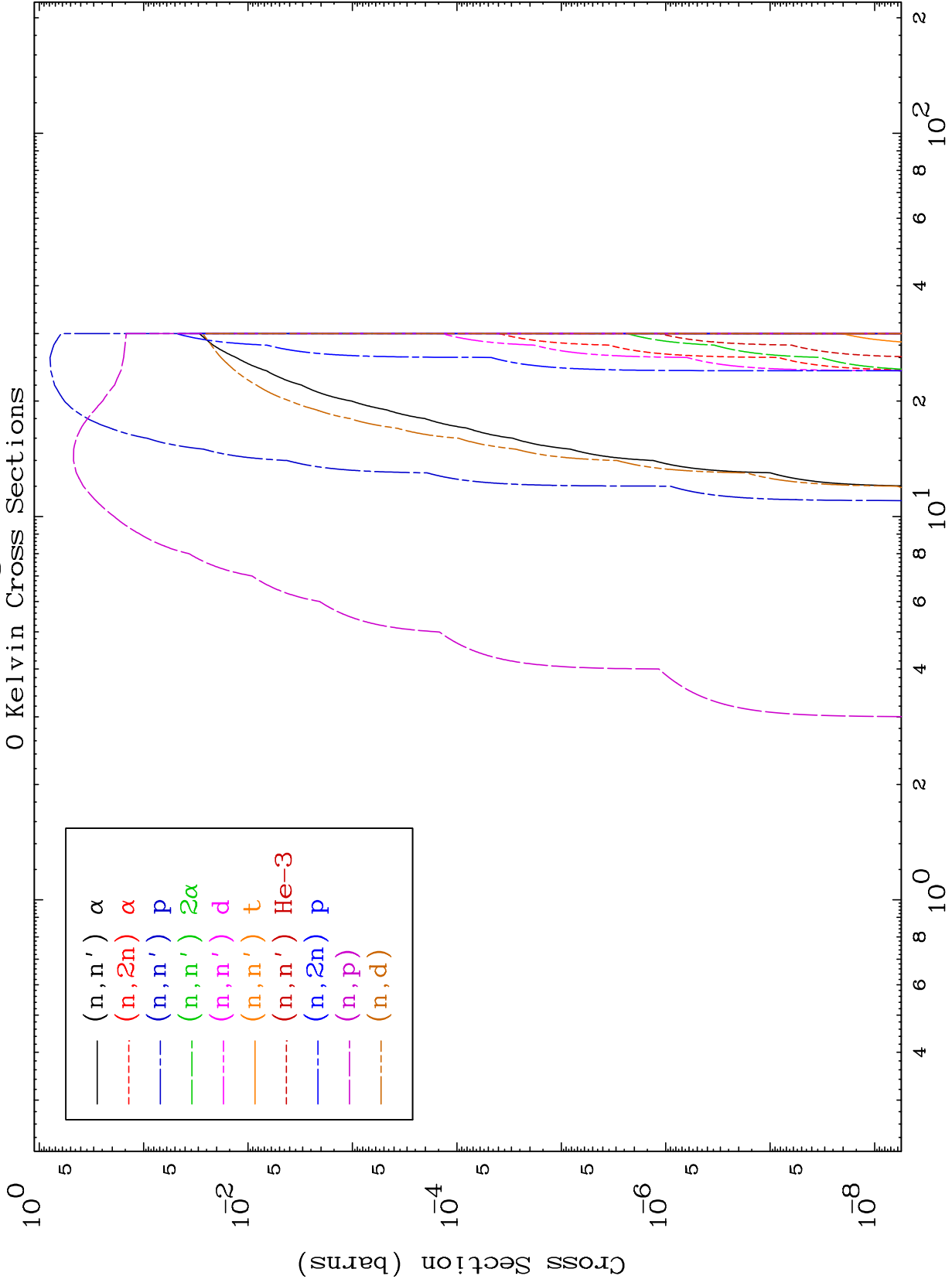
2

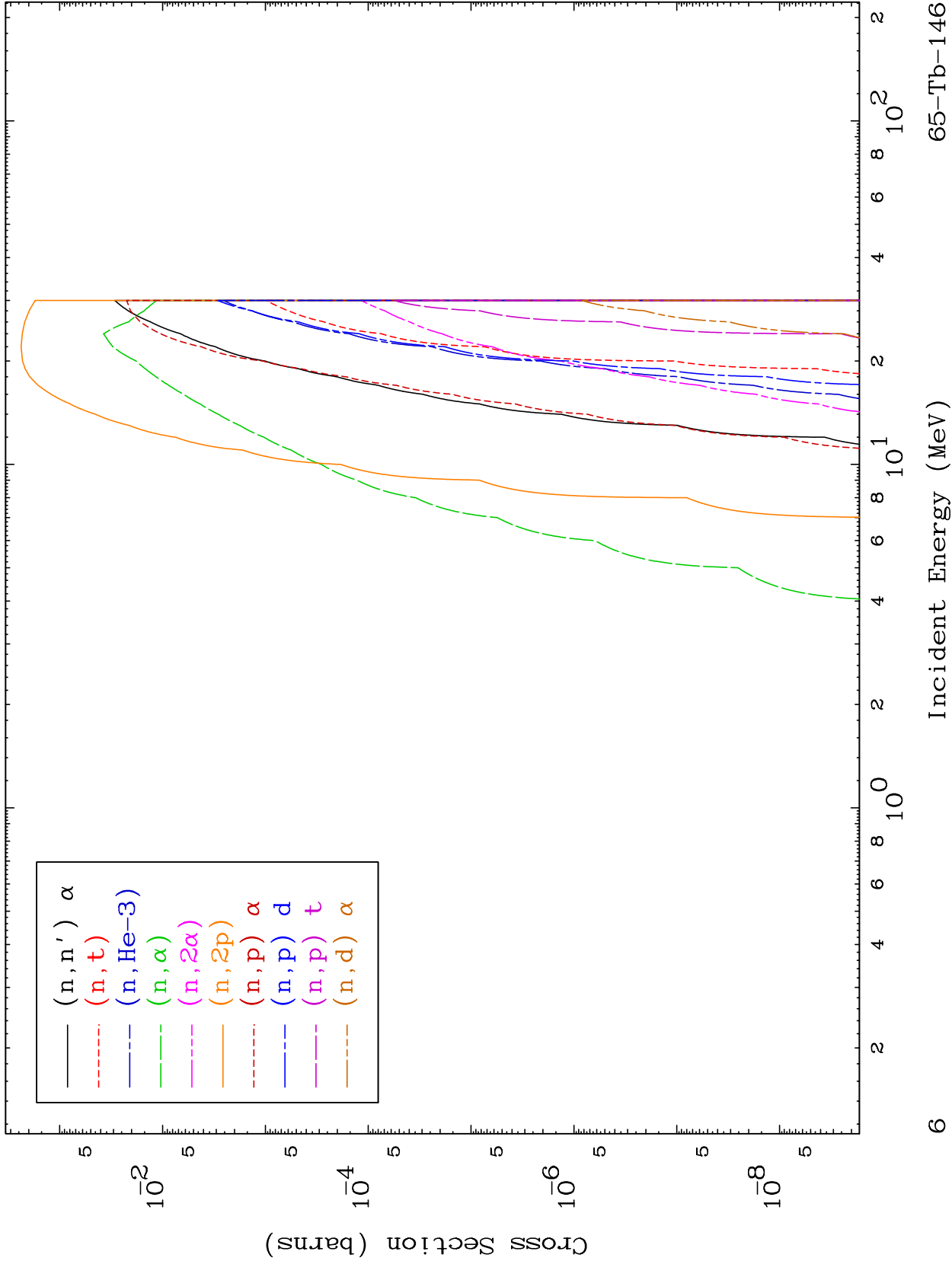
Incident Energy (MeV)

65-Tb-146





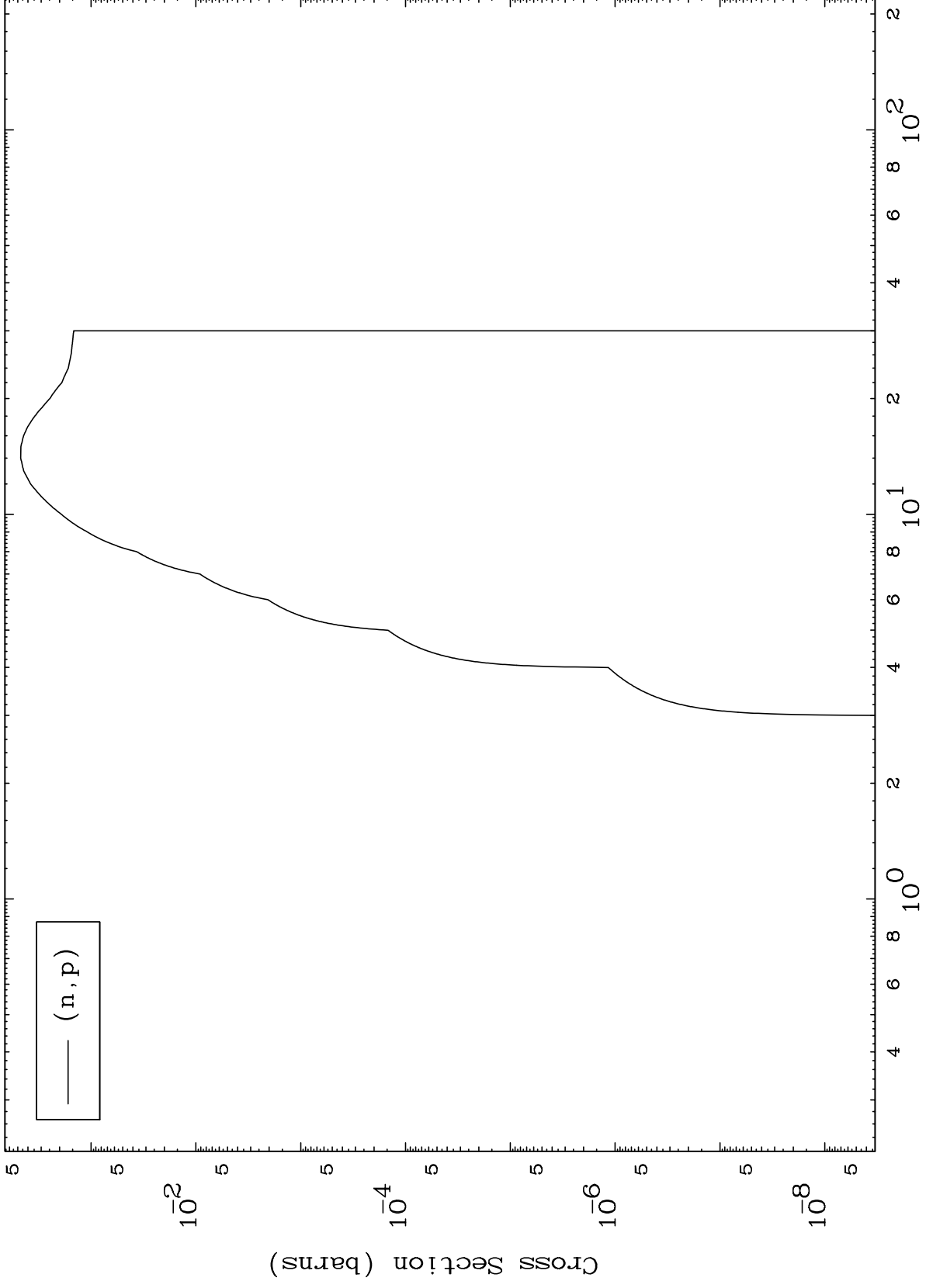




MAT 6486

(p,p) Levels
0 Kelvin Cross Sections

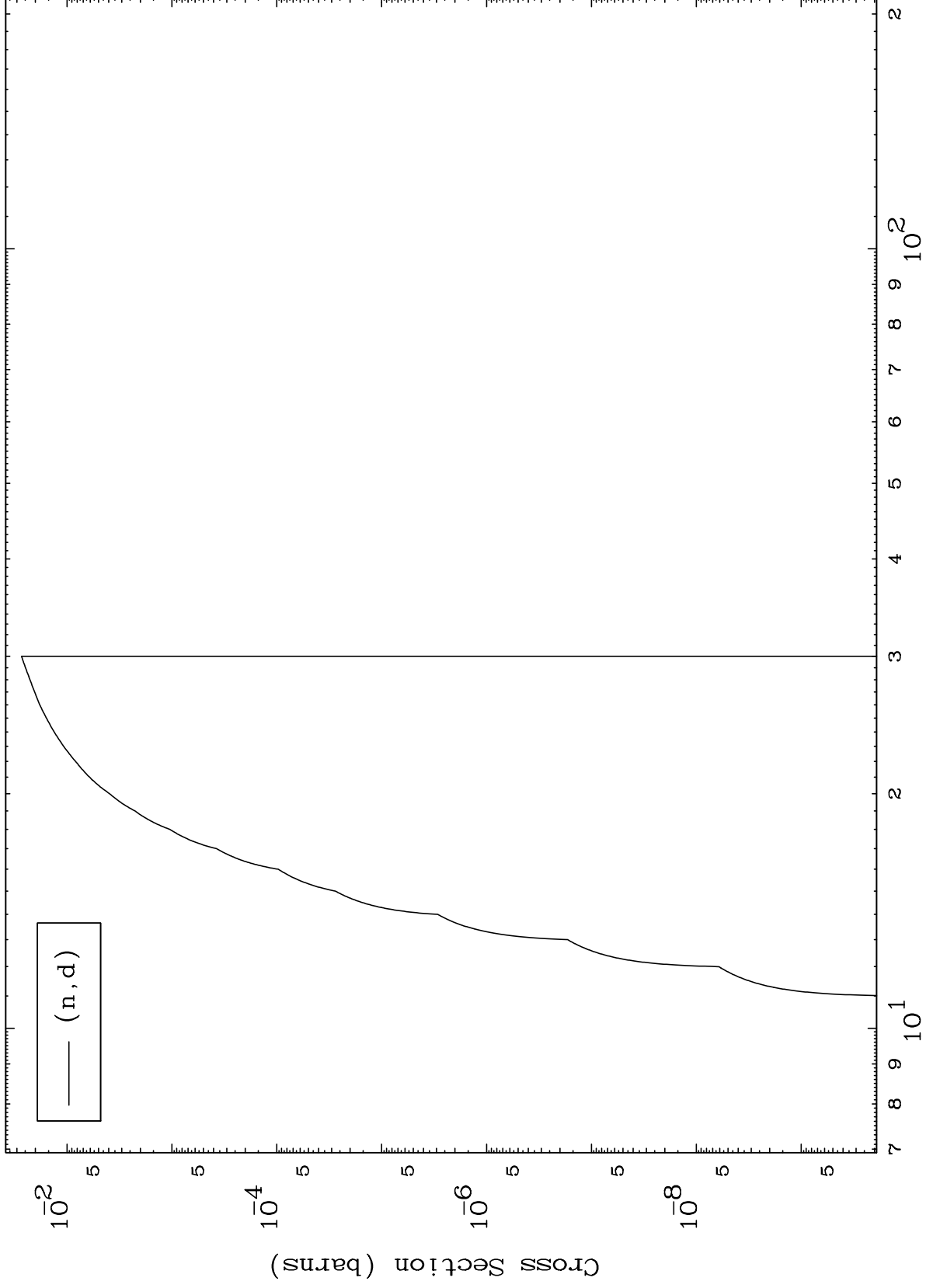
65-Tb-146



MAT 6486

(p,d) Levels
0 Kelvin Cross Sections

65-Tb-146



8

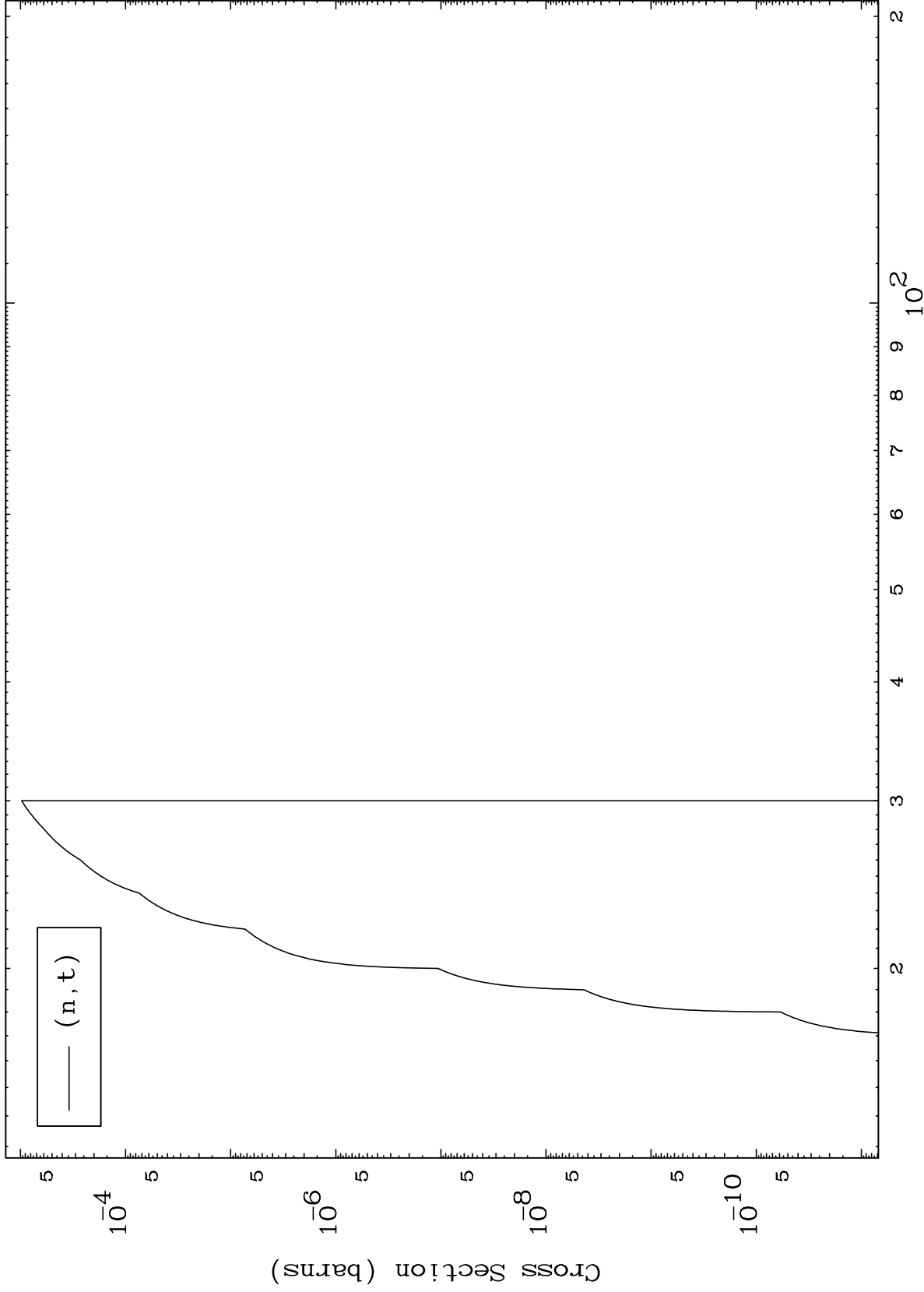
Incident Energy (MeV)

65-Tb-146

MAT 6486

(p,t) Levels
0 Kelvin Cross Sections

65-Tb-146



9

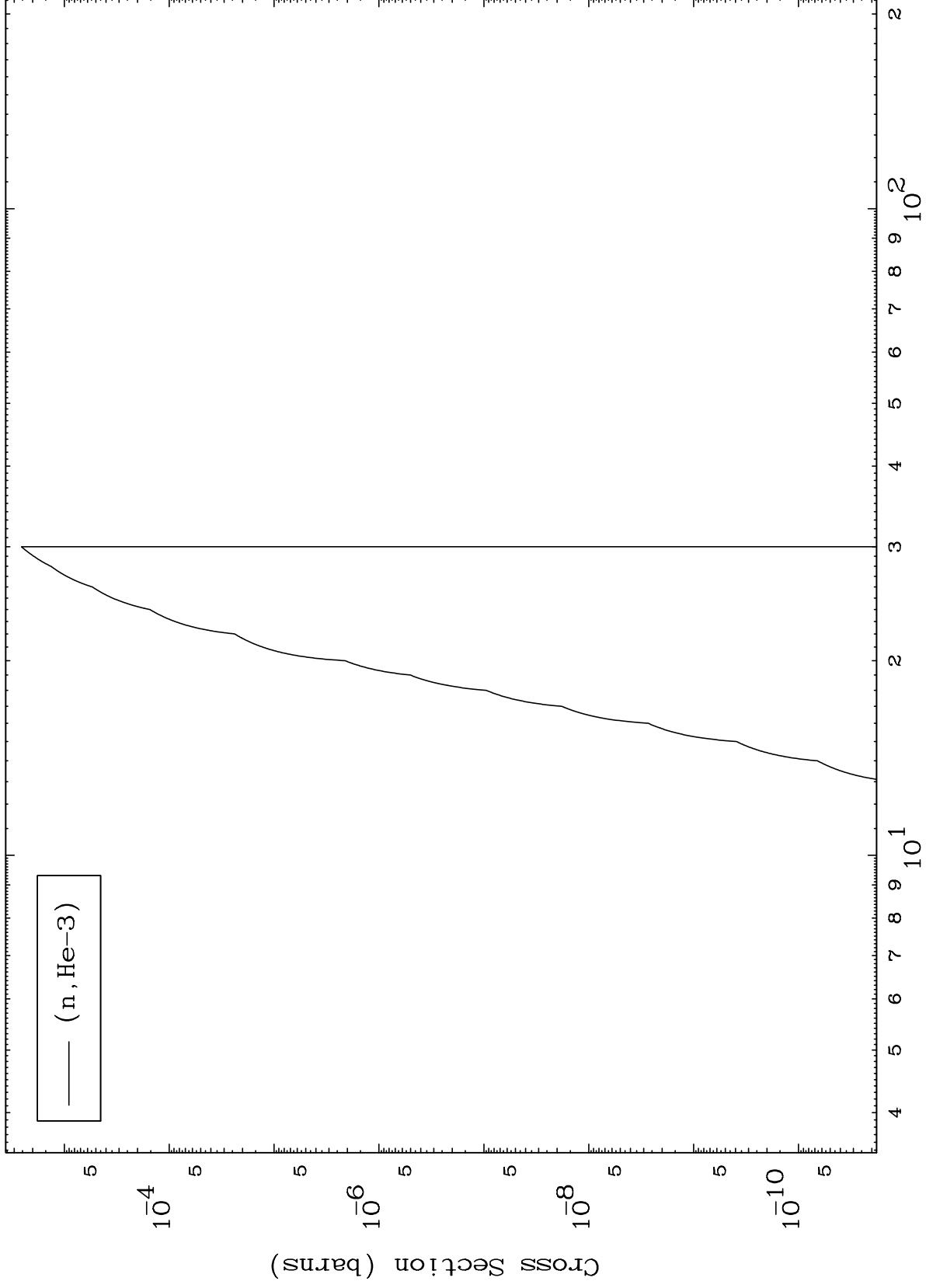
Incident Energy (MeV)

65-Tb-146

MAT 6486

(p,He3) Levels
0 Kelvin Cross Sections

65-Tb-146



10

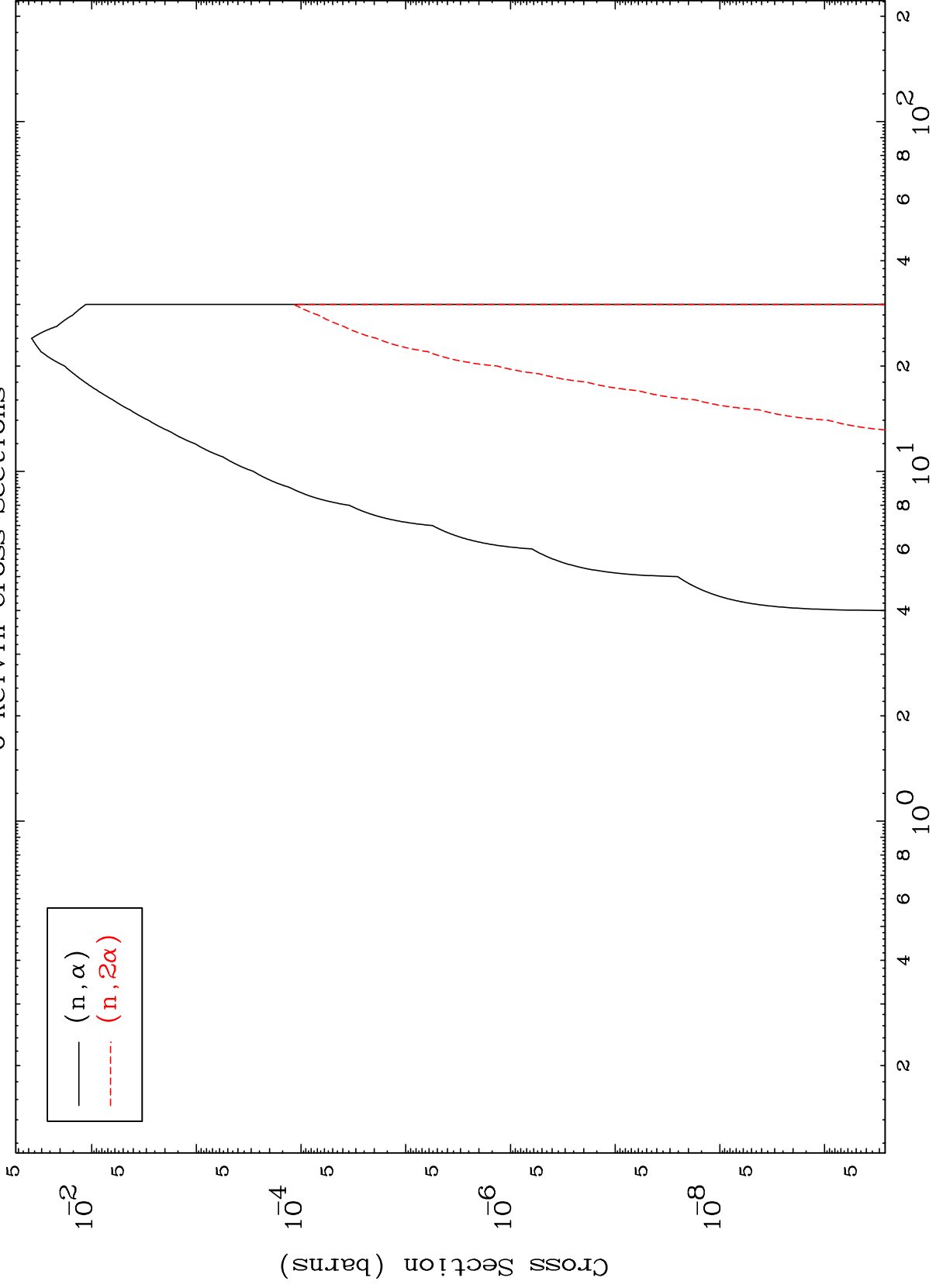
Incident Energy (MeV)

65-Tb-146

MAT 6486

(p, α) Levels
0 Kelvin Cross Sections

⁶⁵Tb-146

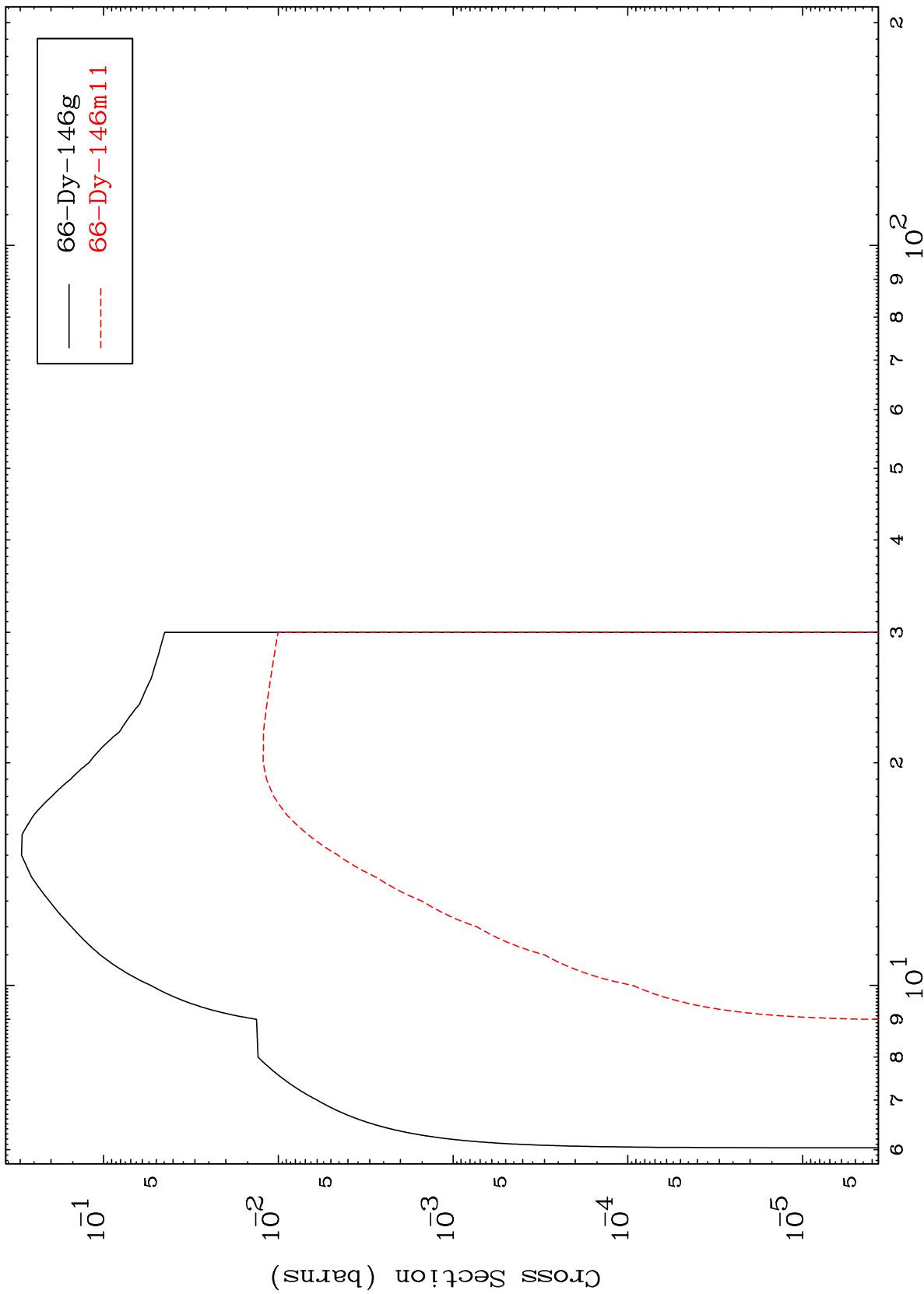


⁶⁵Tb-146

MAT 6486

65-Tb-146

Inelastic
Radionuclide Production Cross Section



12

Incident Energy (MeV)

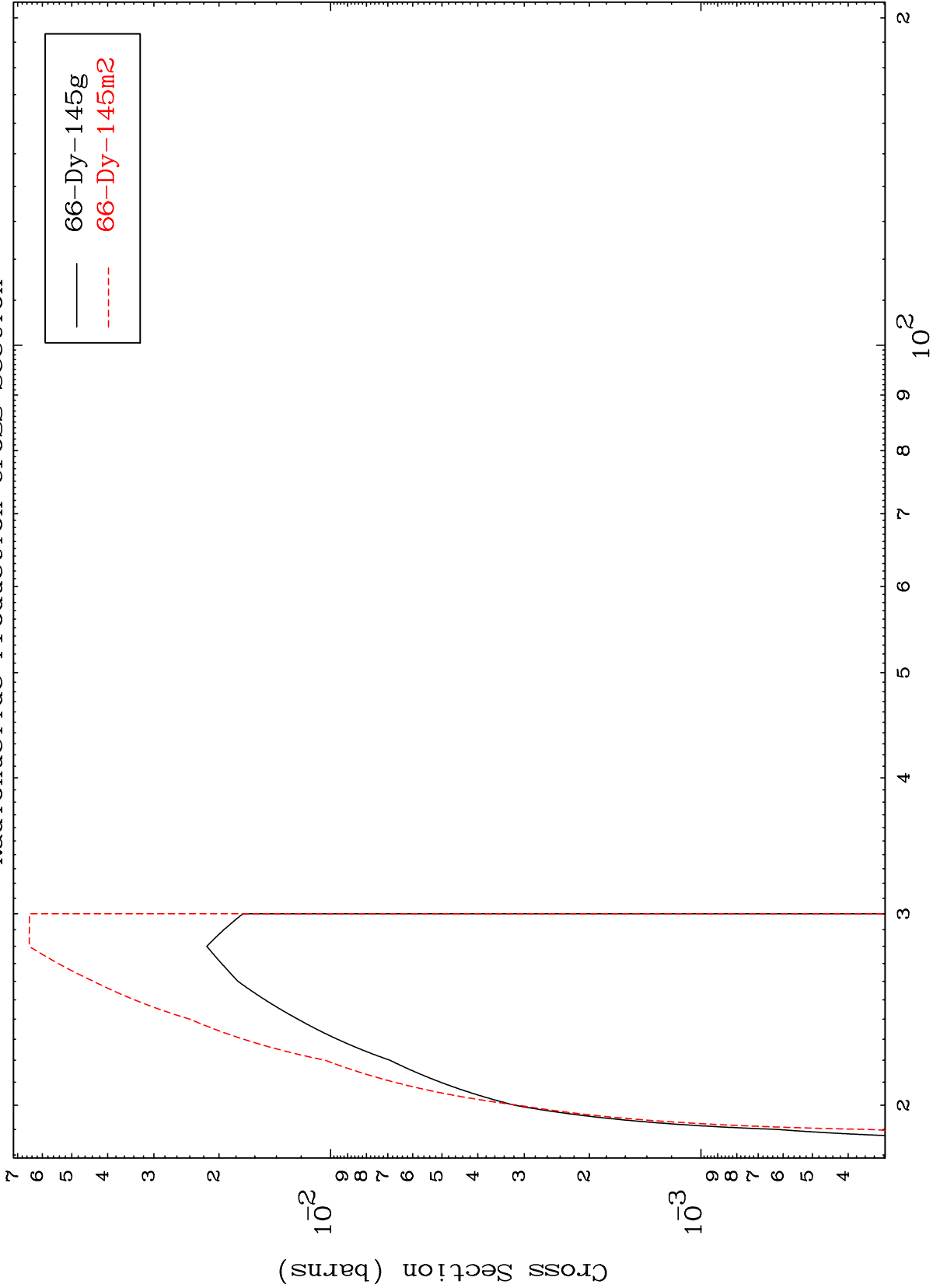
65-Tb-146

MAT 6486

(n,2n)

65-Tb-146

Radionuclide Production Cross Section



13

Incident Energy (MeV)

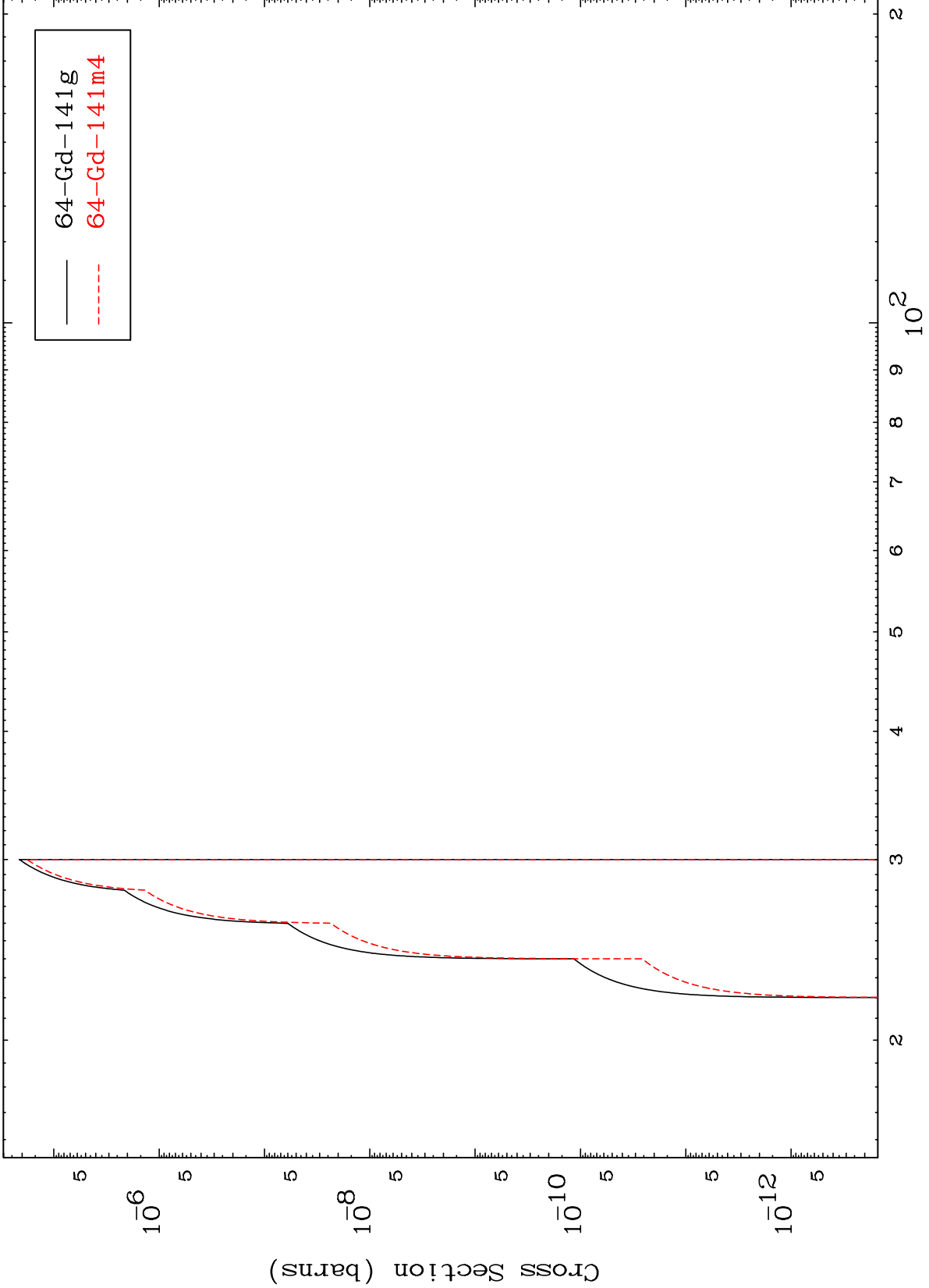
65-Tb-146

MAT 6486

(n,2n) α

65-Tb-146

Radionuclide Production Cross Section



14

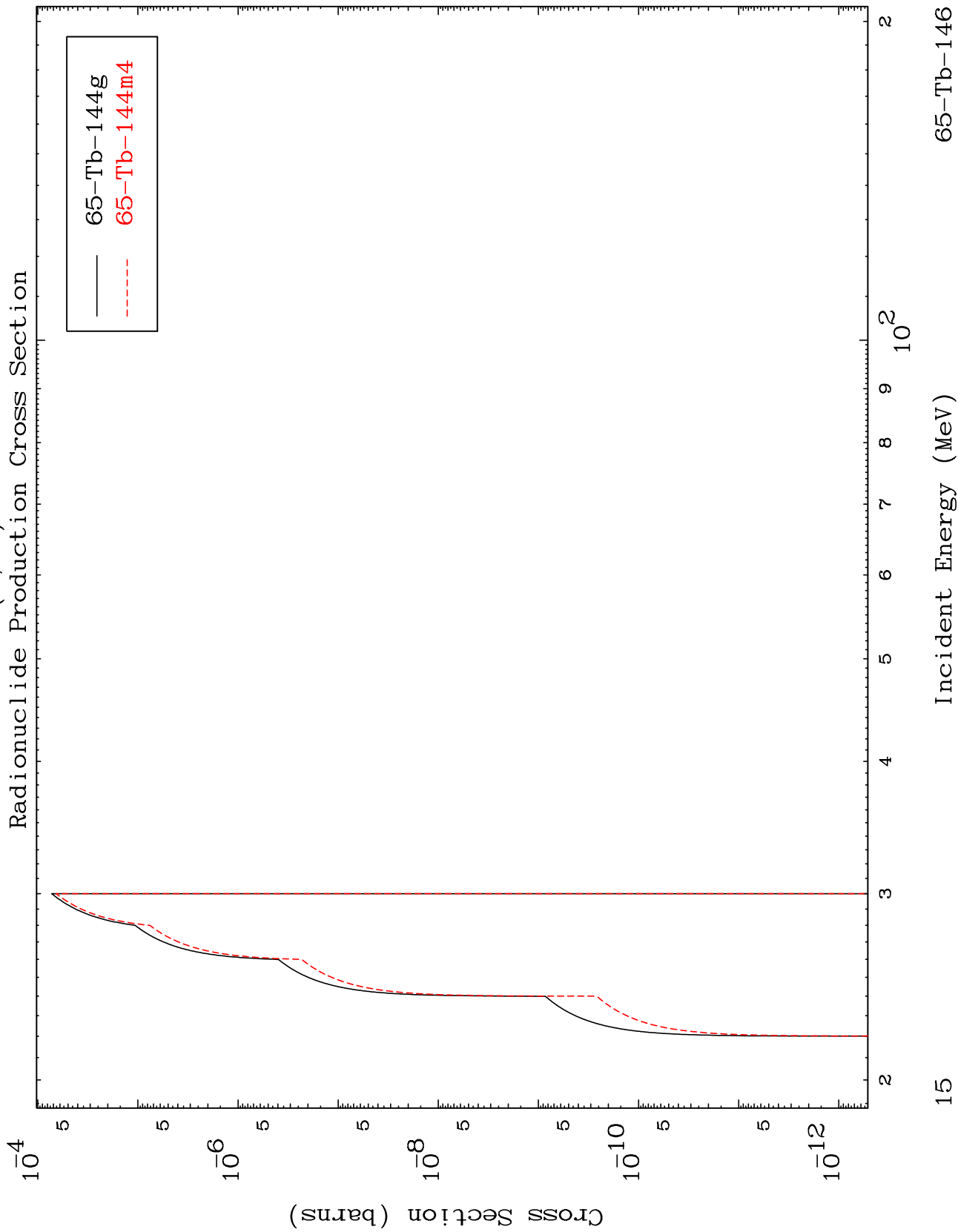
Incident Energy (MeV)

65-Tb-146

MAT 6486

(n,n') d

65-Tb-146



15

Incident Energy (MeV)

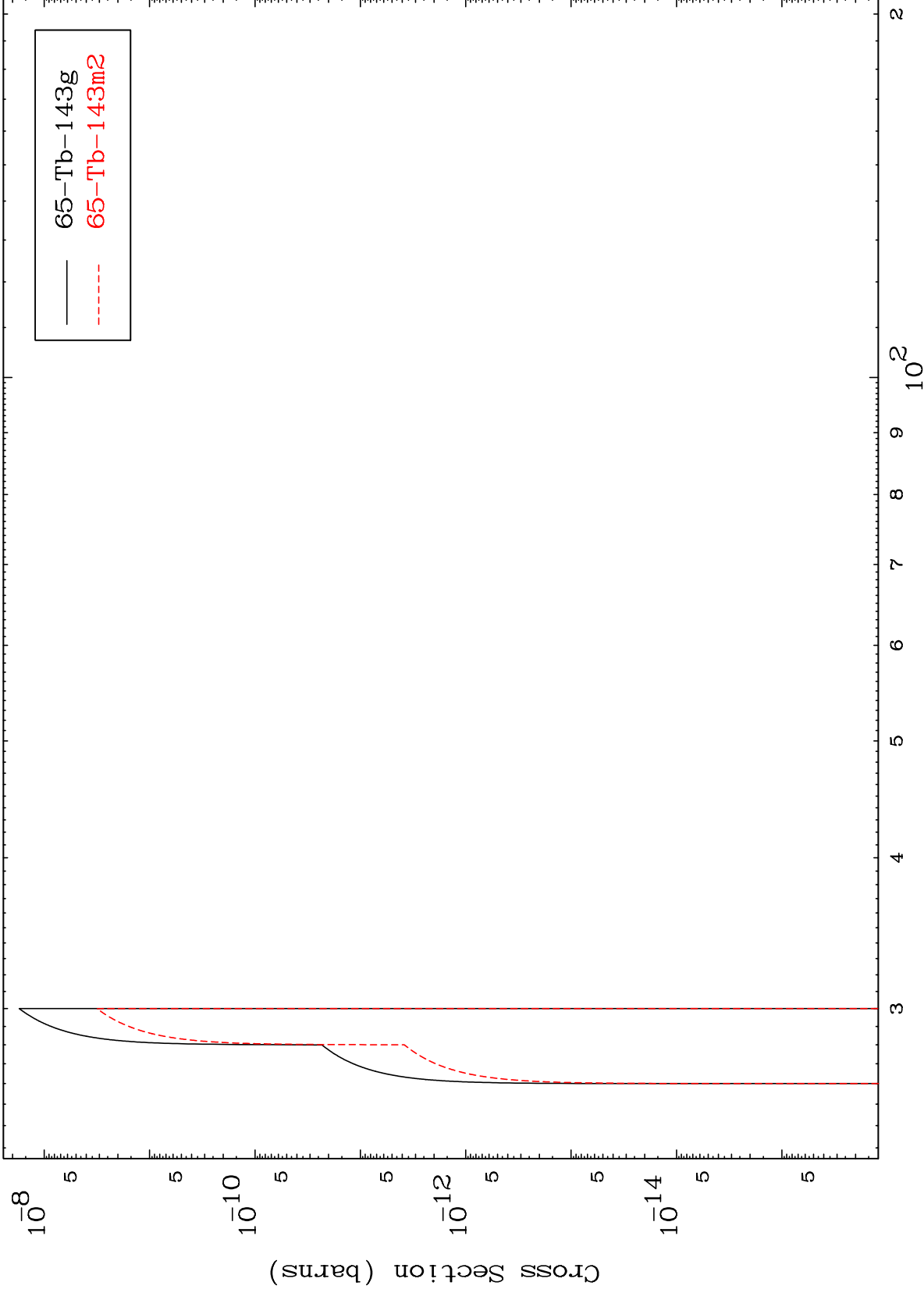
65-Tb-146

MAT 6486

(n,n') t

65-Tb-146

Radionuclide Production Cross Section



16

Incident Energy (MeV)

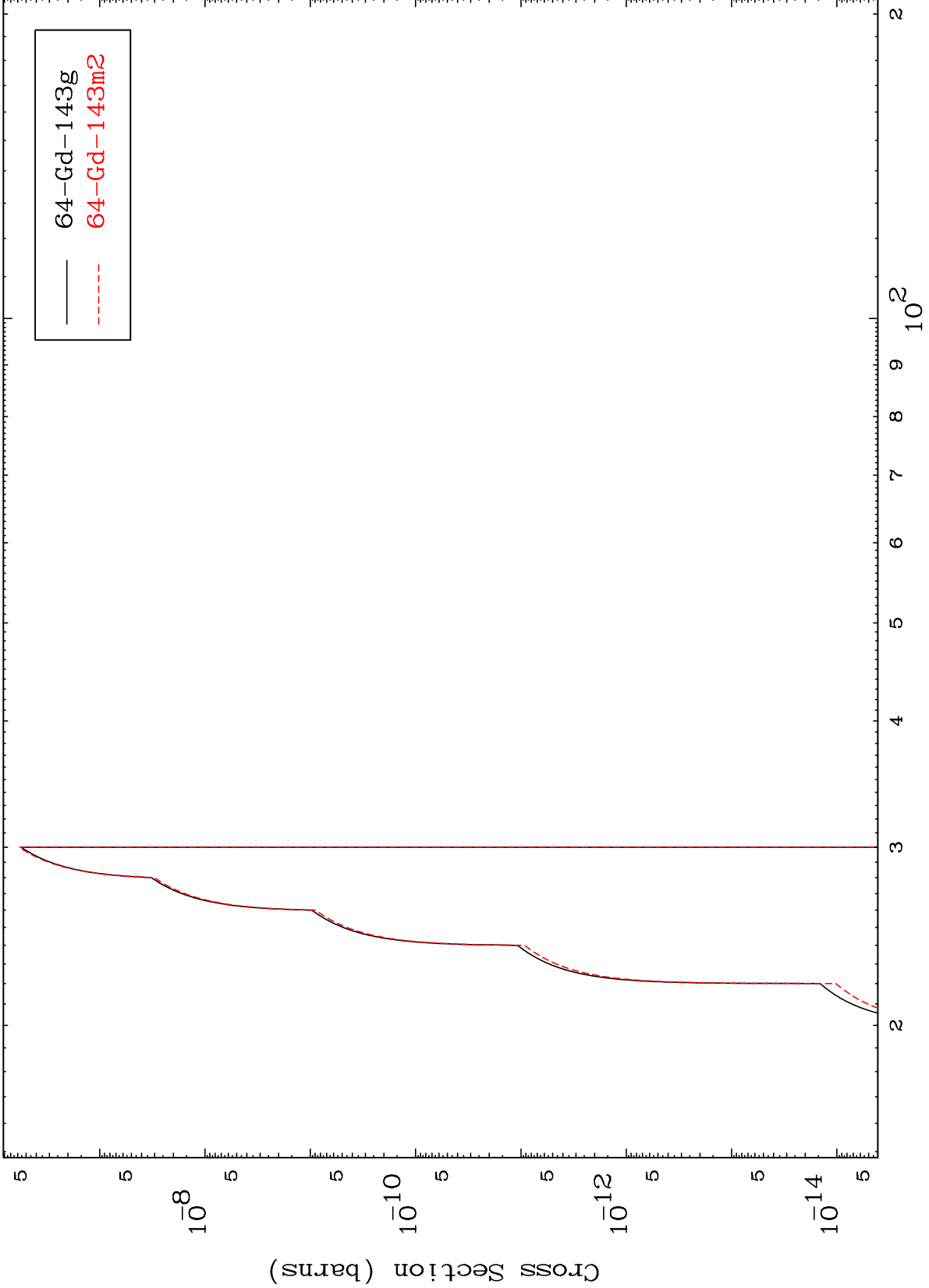
65-Tb-146

MAT 6486

(n,n') He-3

65-Tb-146

Radionuclide Production Cross Section

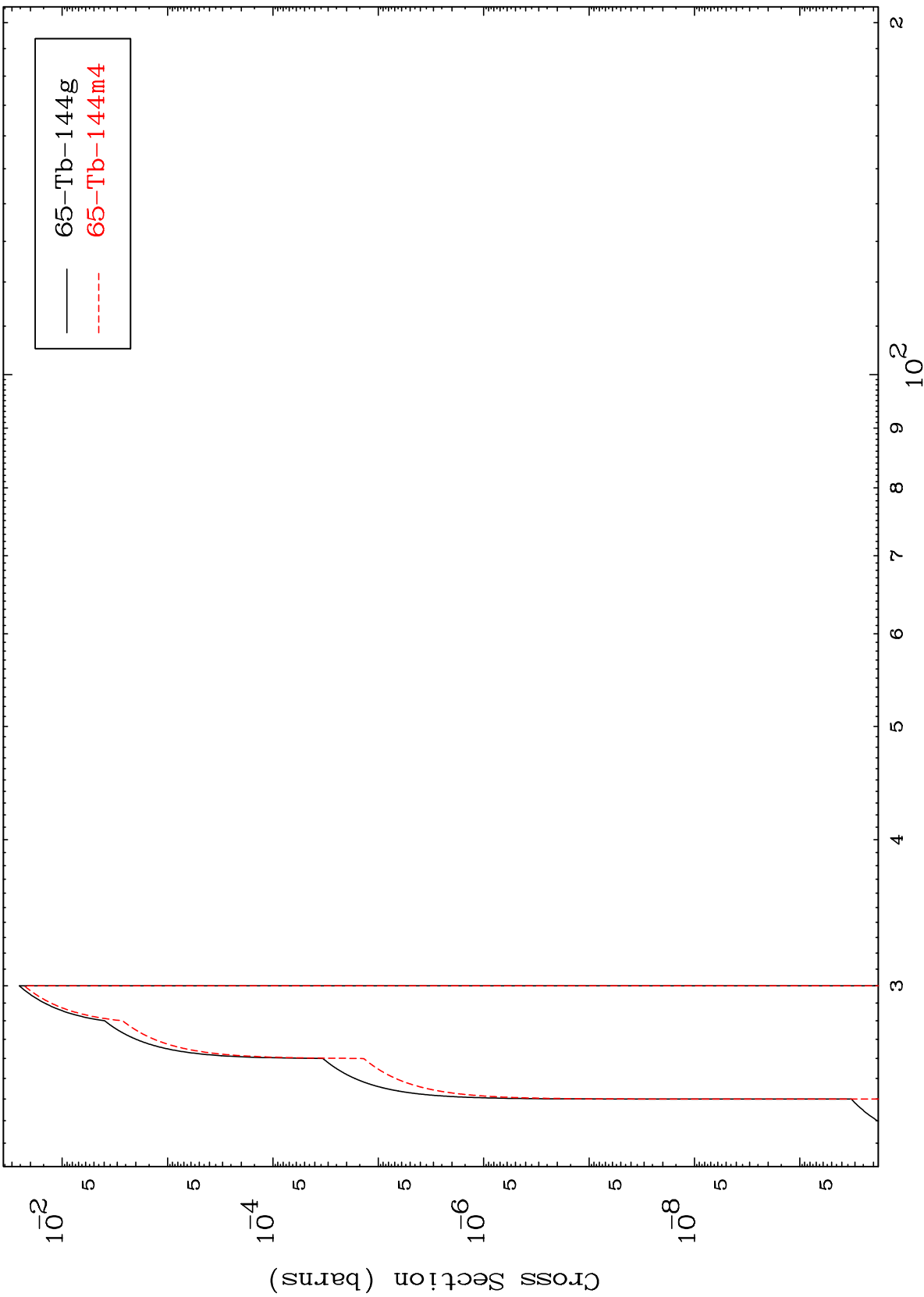


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(n,2n) p

65-Tb-146

Radionuclide Production Cross Section



18

Incident Energy (MeV)

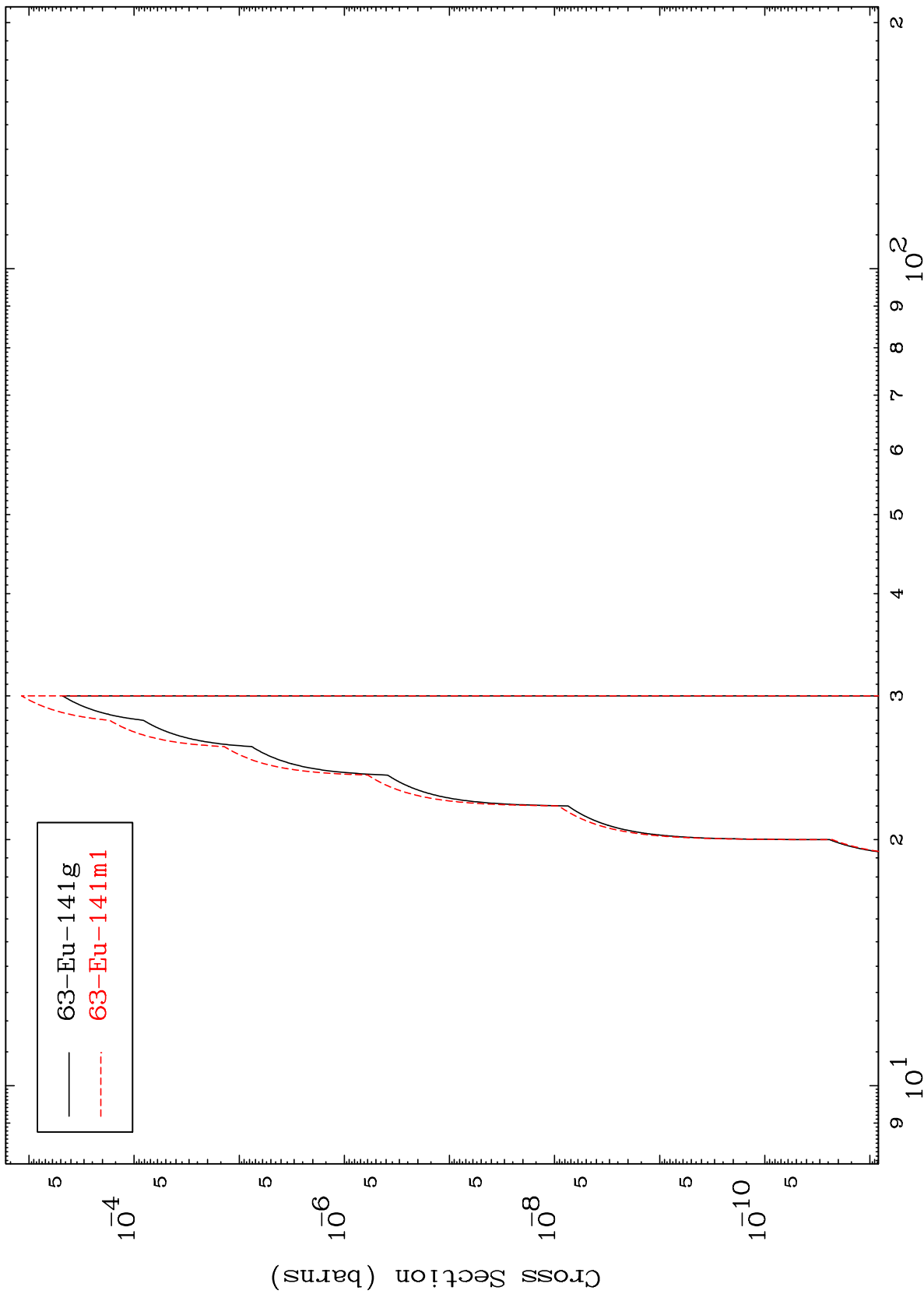
65-Tb-146

MAT 6486

(n,n') p α

65-Tb-146

Radionuclide Production Cross Section



19

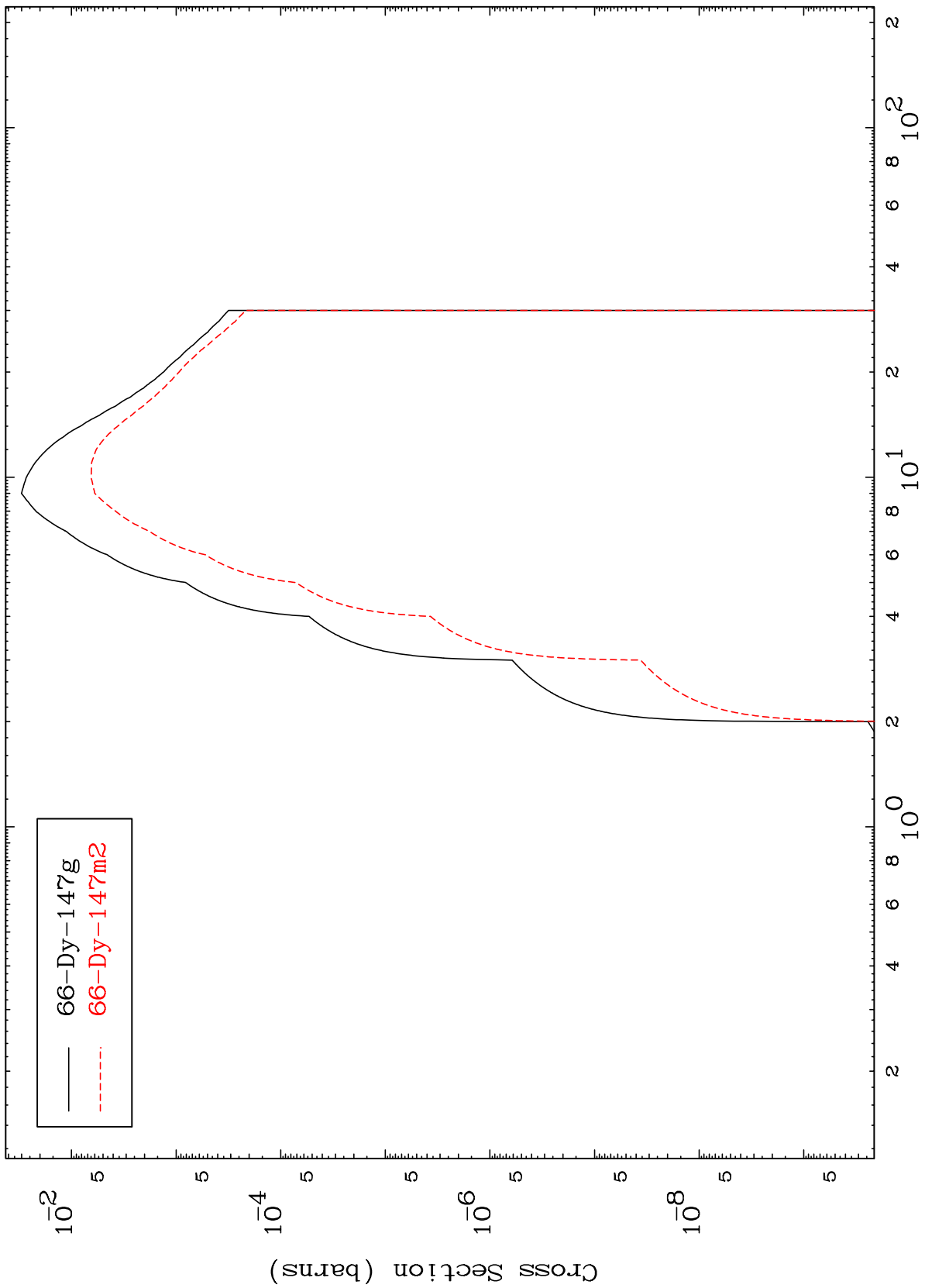
Incident Energy (MeV)

65-Tb-146

MAT 6486

65-Tb-146

(n, γ)
Radionuclide Production Cross Section



20

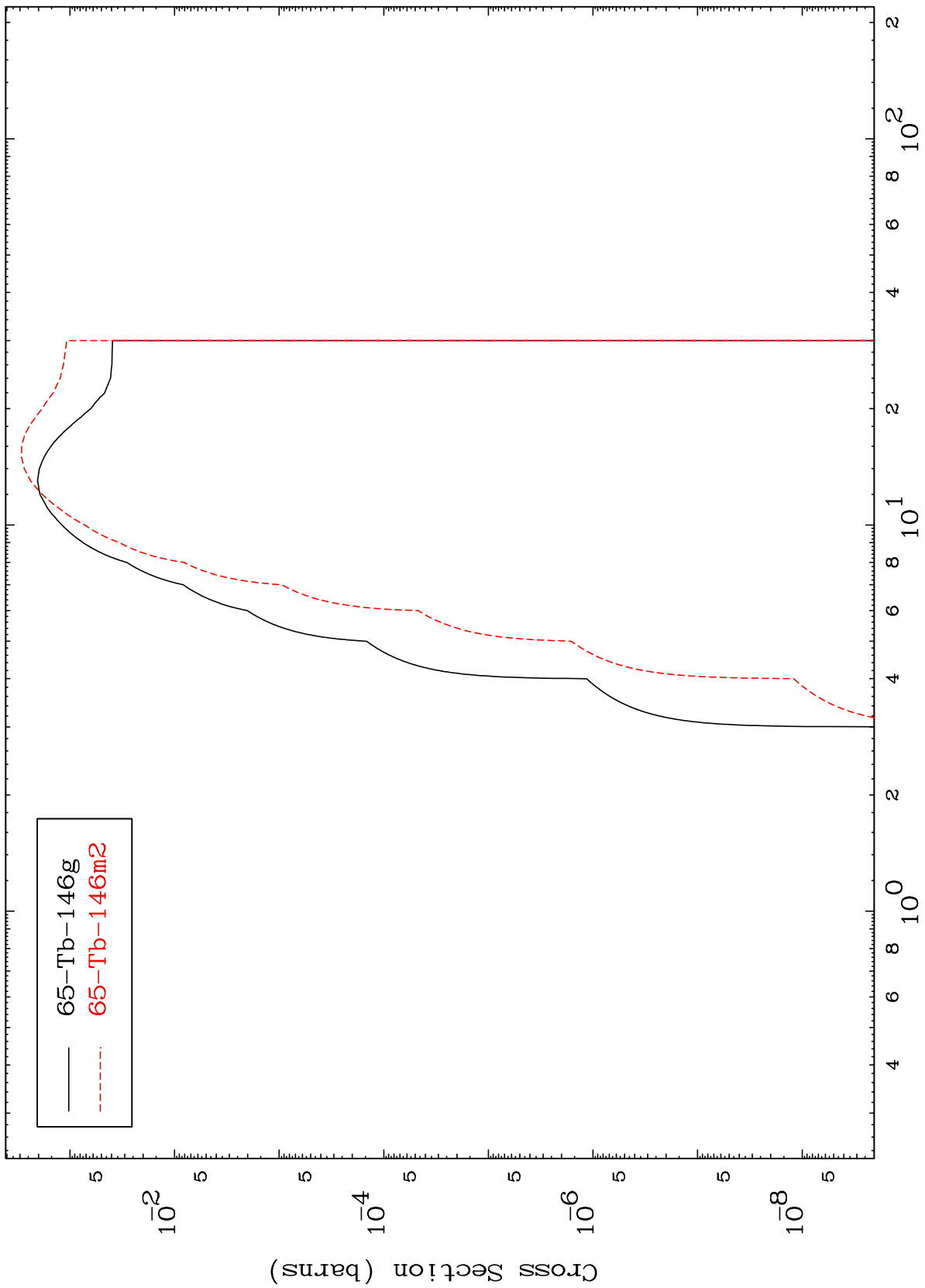
65-Tb-146

Incident Energy (MeV)

MAT 6486

65-Tb-146

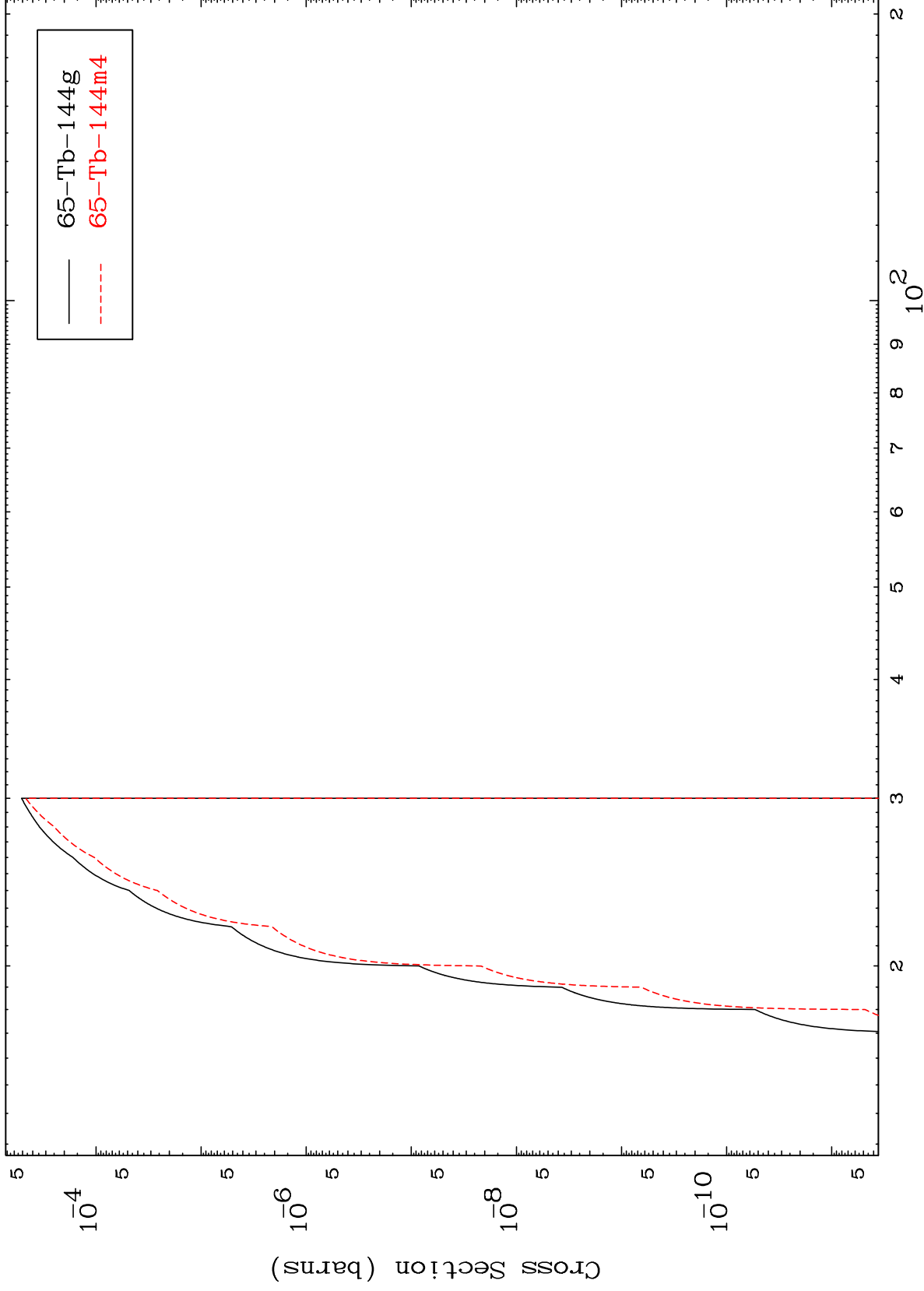
(n,p)
Radionuclide Production Cross Section



65-Tb-146

Incident Energy (MeV)

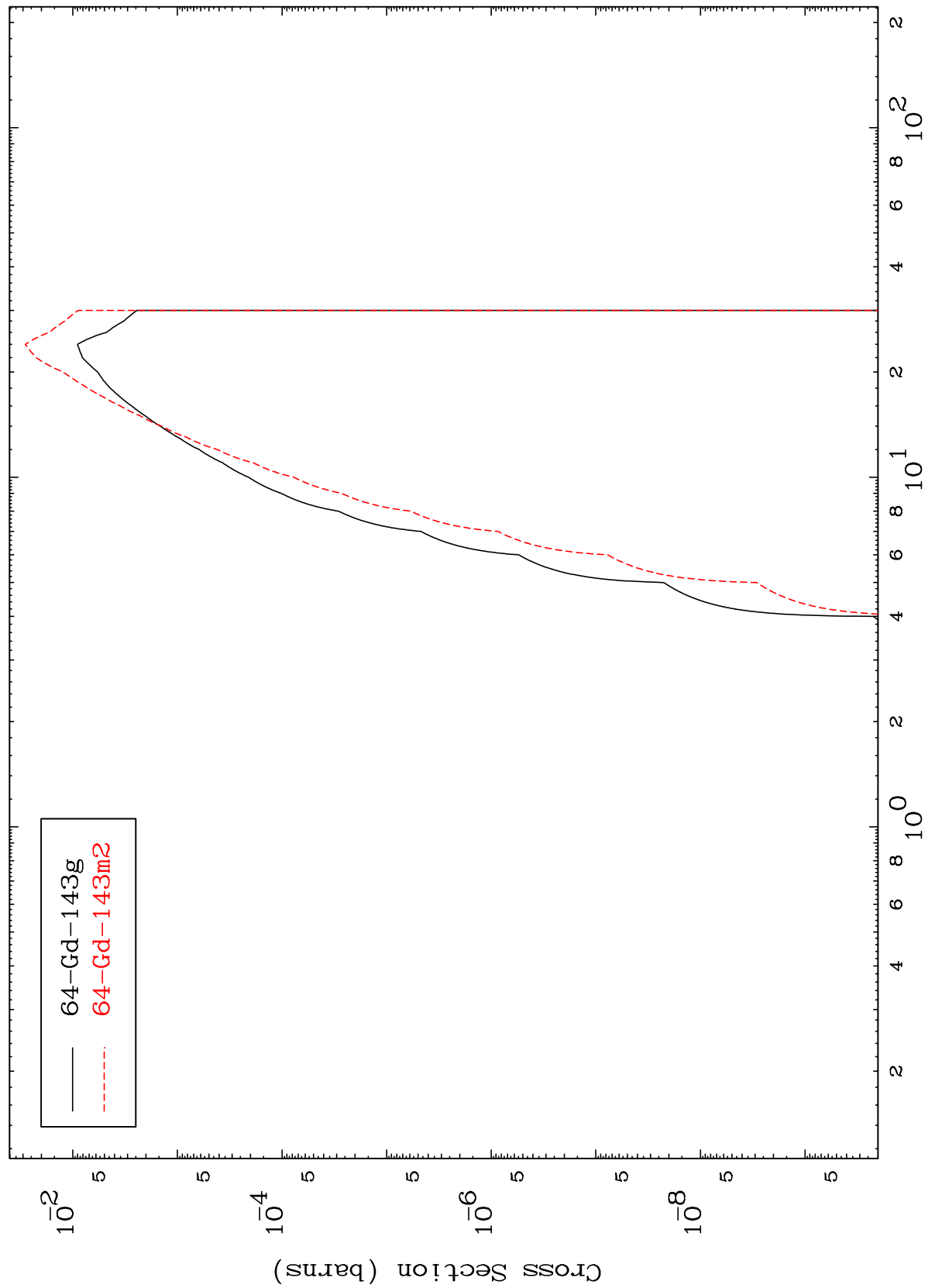
Radionuclide Production Cross Section



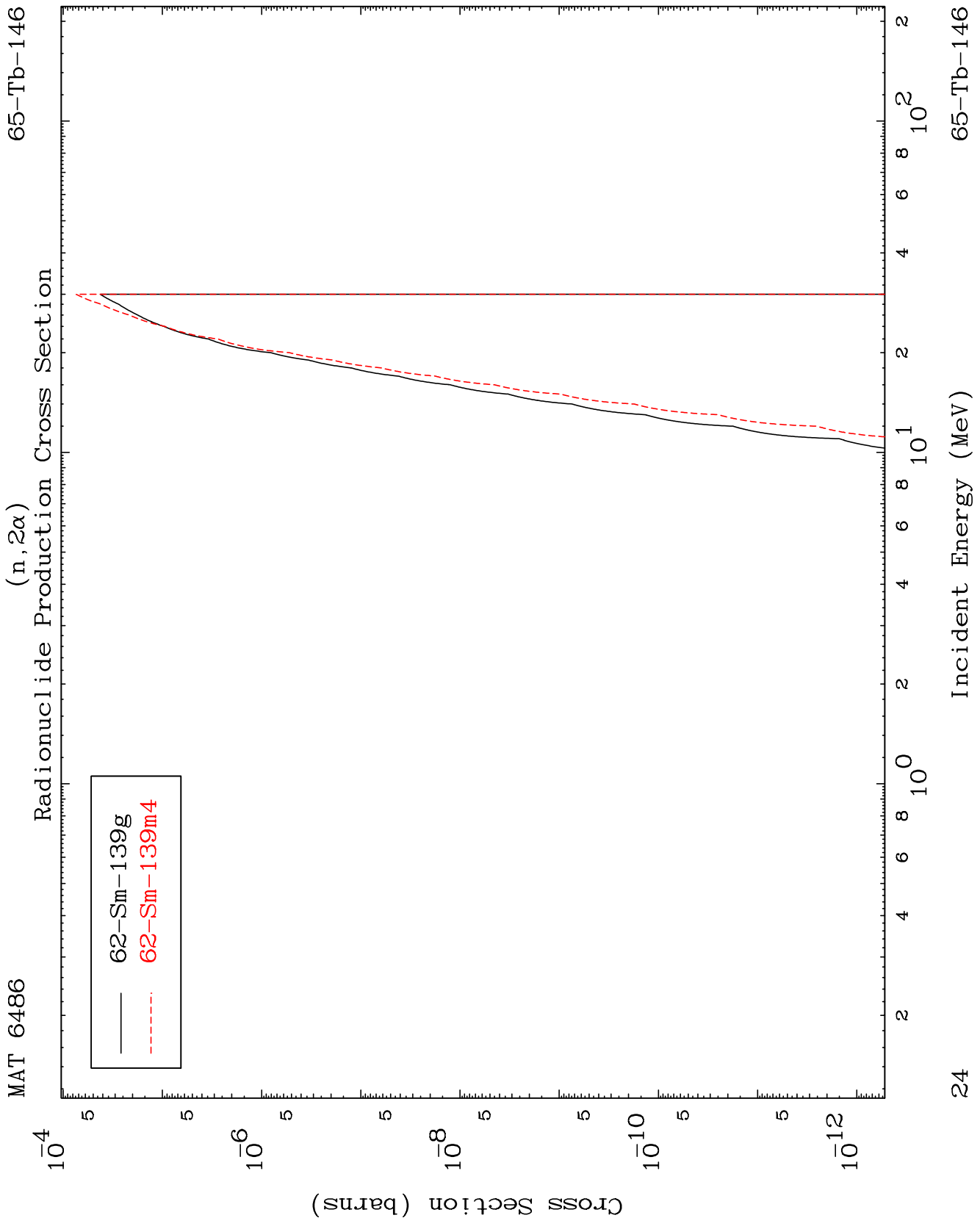
MAT 6486

$^{65}\text{Tb-146}$

(n, α)
Radionuclide Production Cross Section



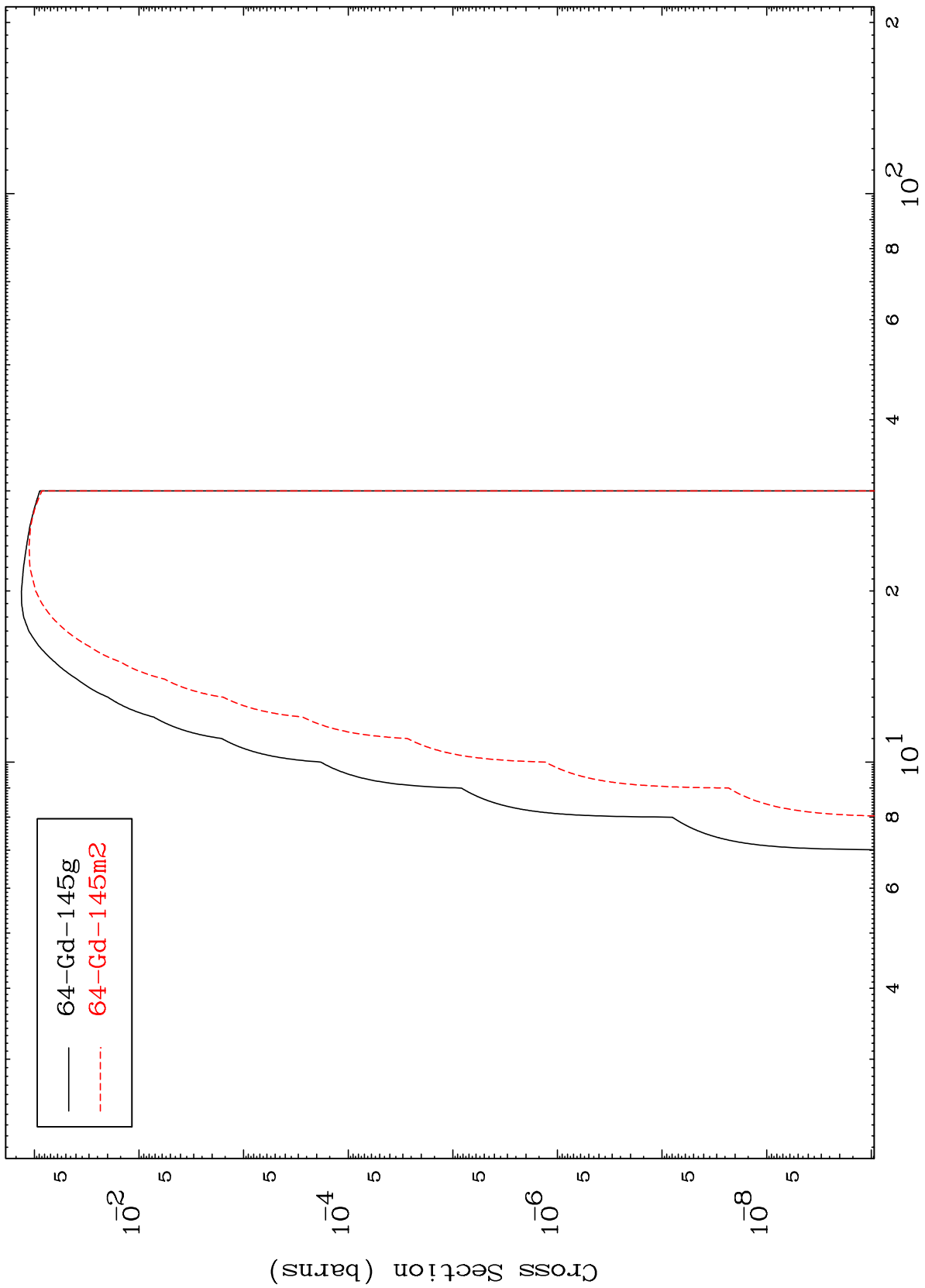
— $^{64}\text{Gd-143g}$
- - - $^{64}\text{Gd-143m2}$



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65-Tb-146

(n,2p)
Radionuclide Production Cross Section



64-Gd-145g
64-Gd-145m2

25

65-Tb-146

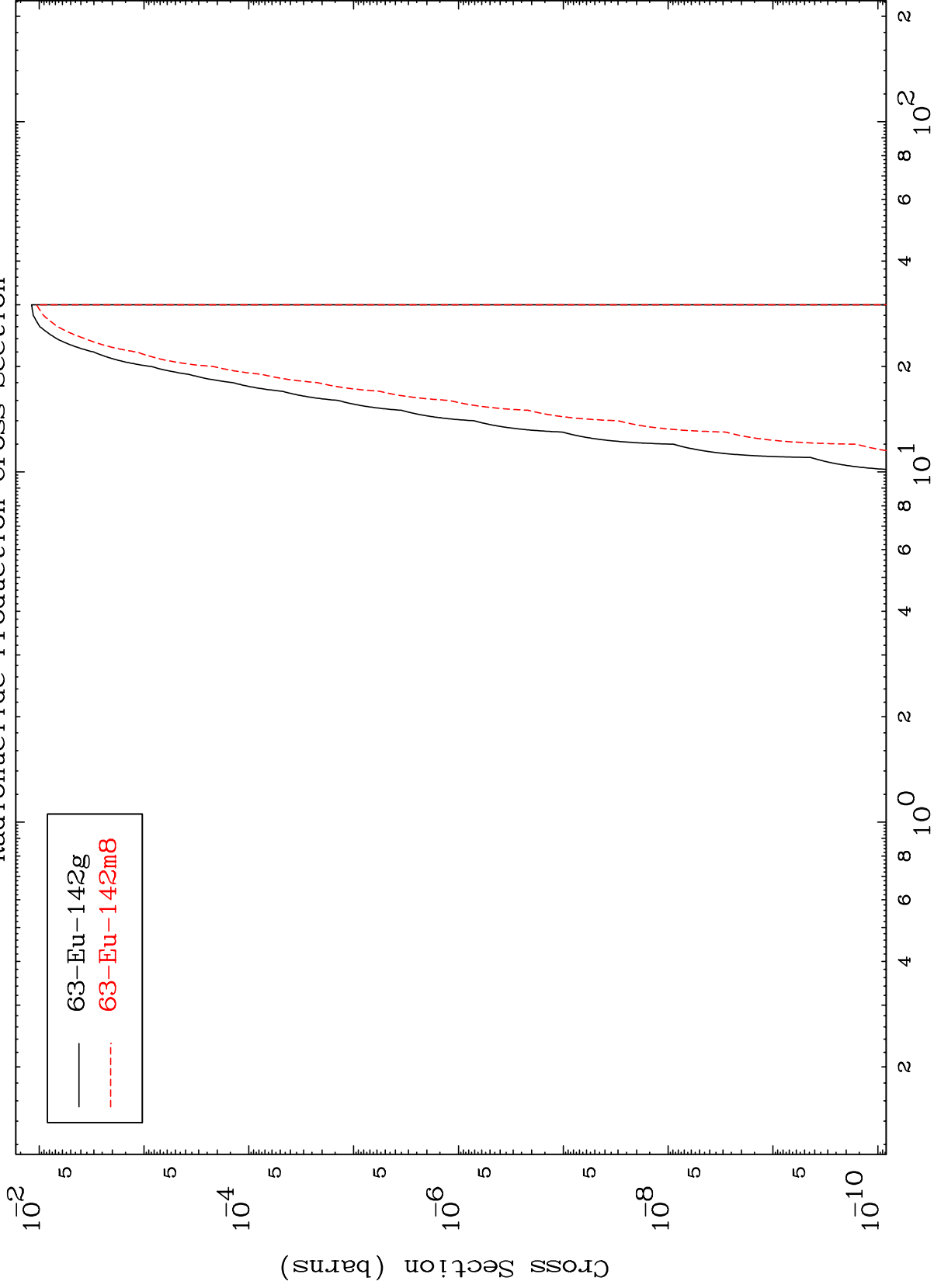
Incident Energy (MeV)

MAT 6486

(n,p) α

65-Tb-146

Radionuclide Production Cross Section

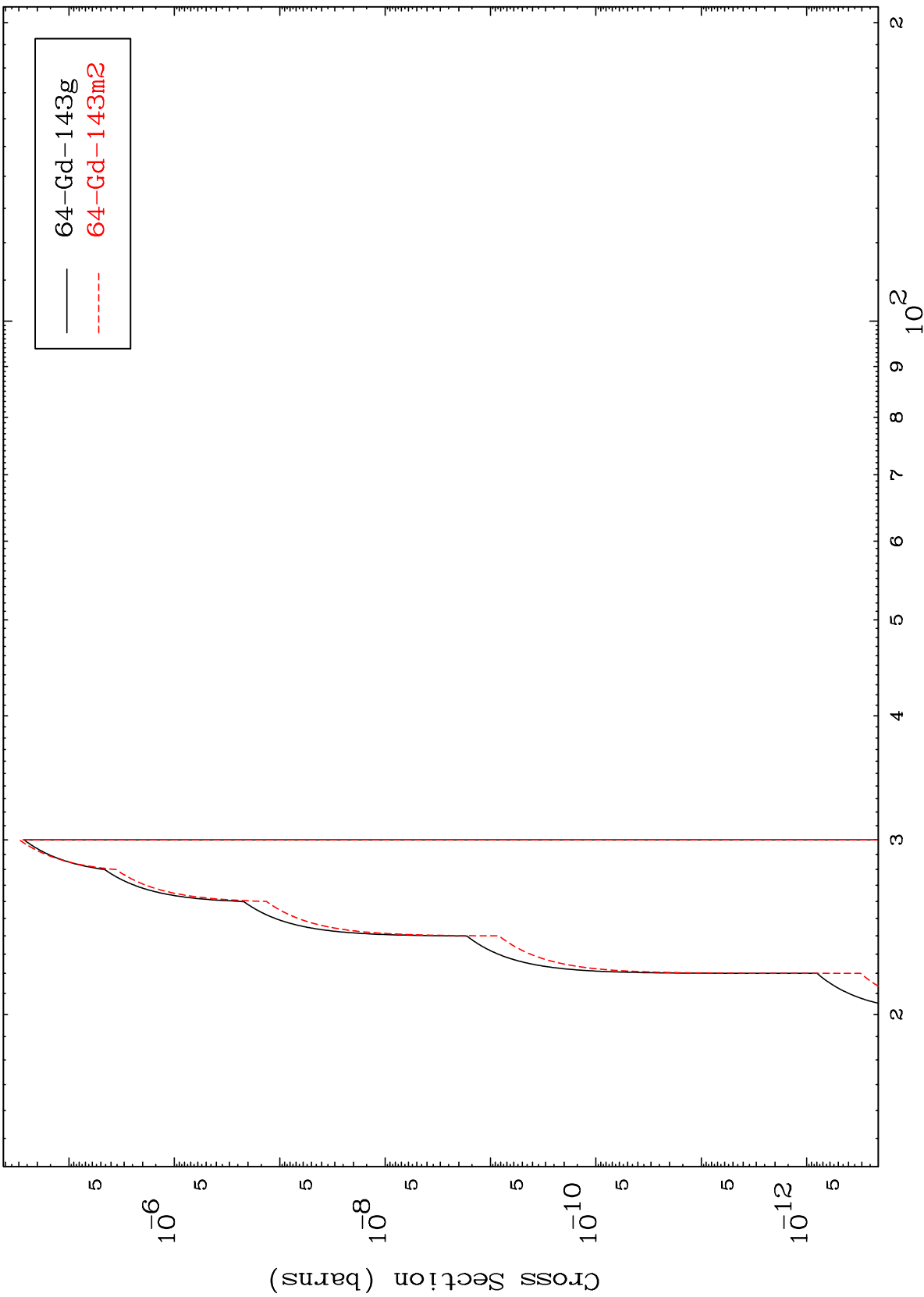


26

Incident Energy (MeV)

65-Tb-146

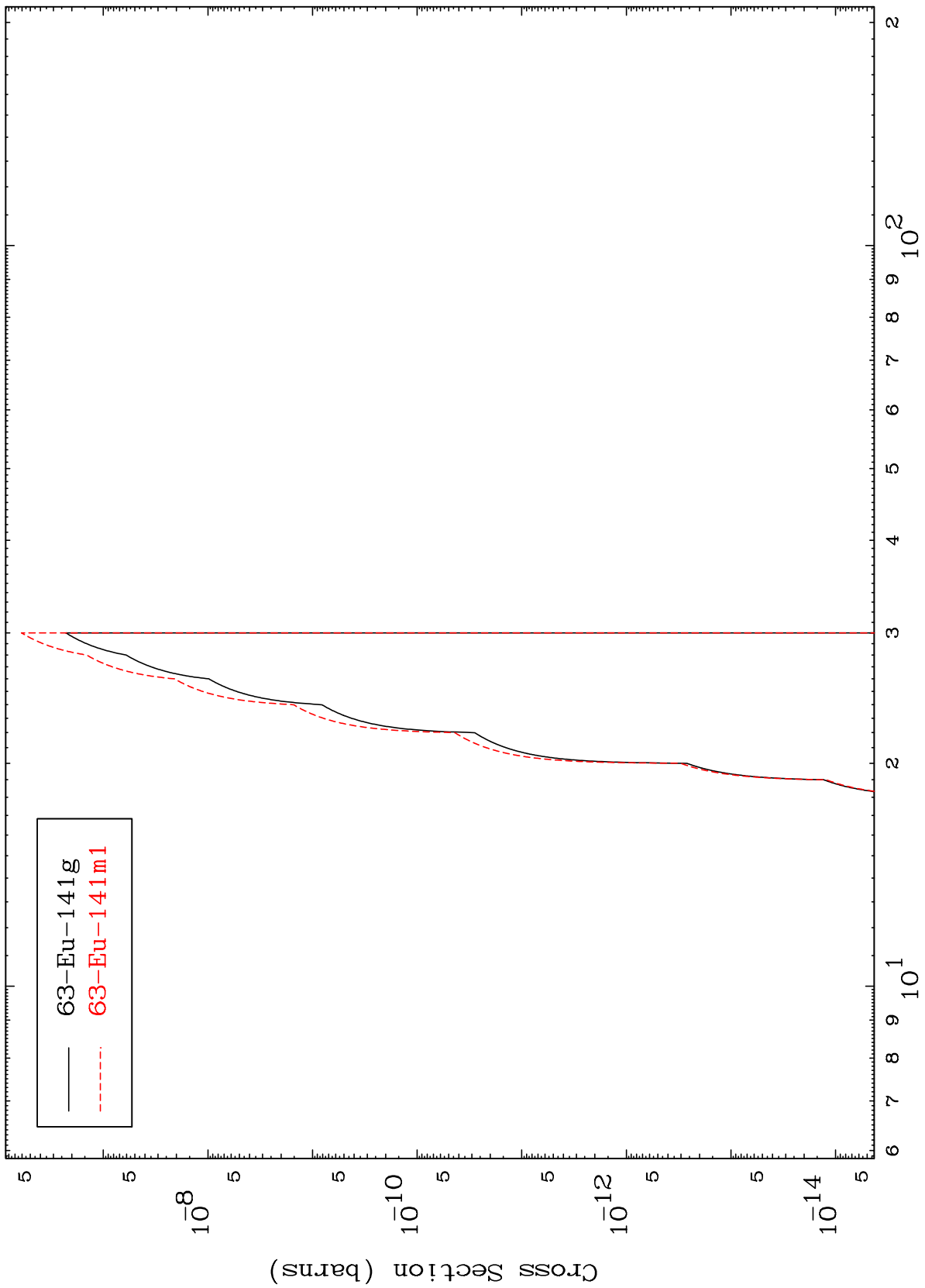
Radionuclide Production Cross Section



MAT 6486

65-Tb-146

(n,d) α
Radionuclide Production Cross Section



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

65-Tb-146

Incident Energy (MeV)

28