

Program EVALPLOT
(Version 2021-1)

by

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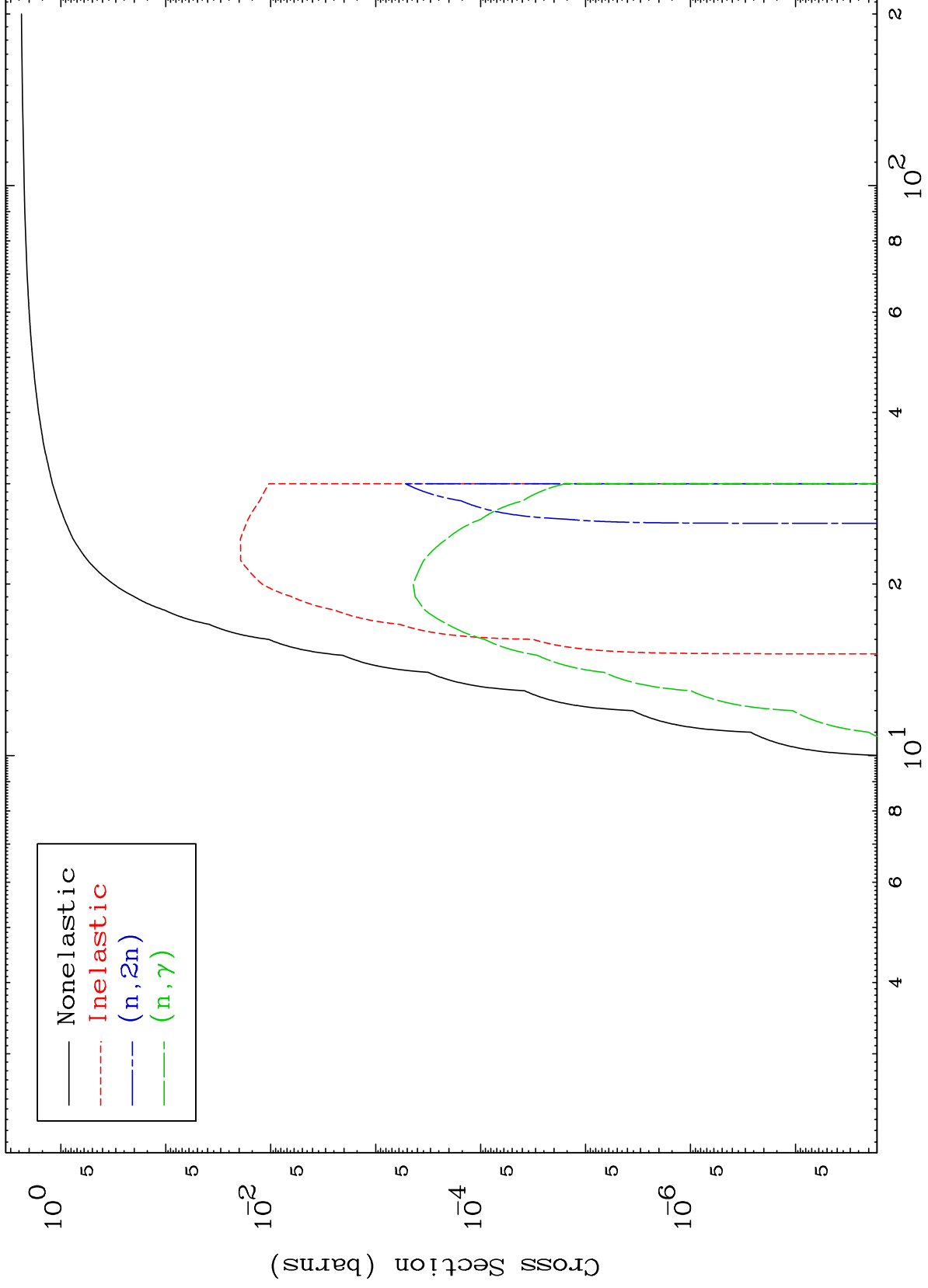
Press Mouse Button to Start

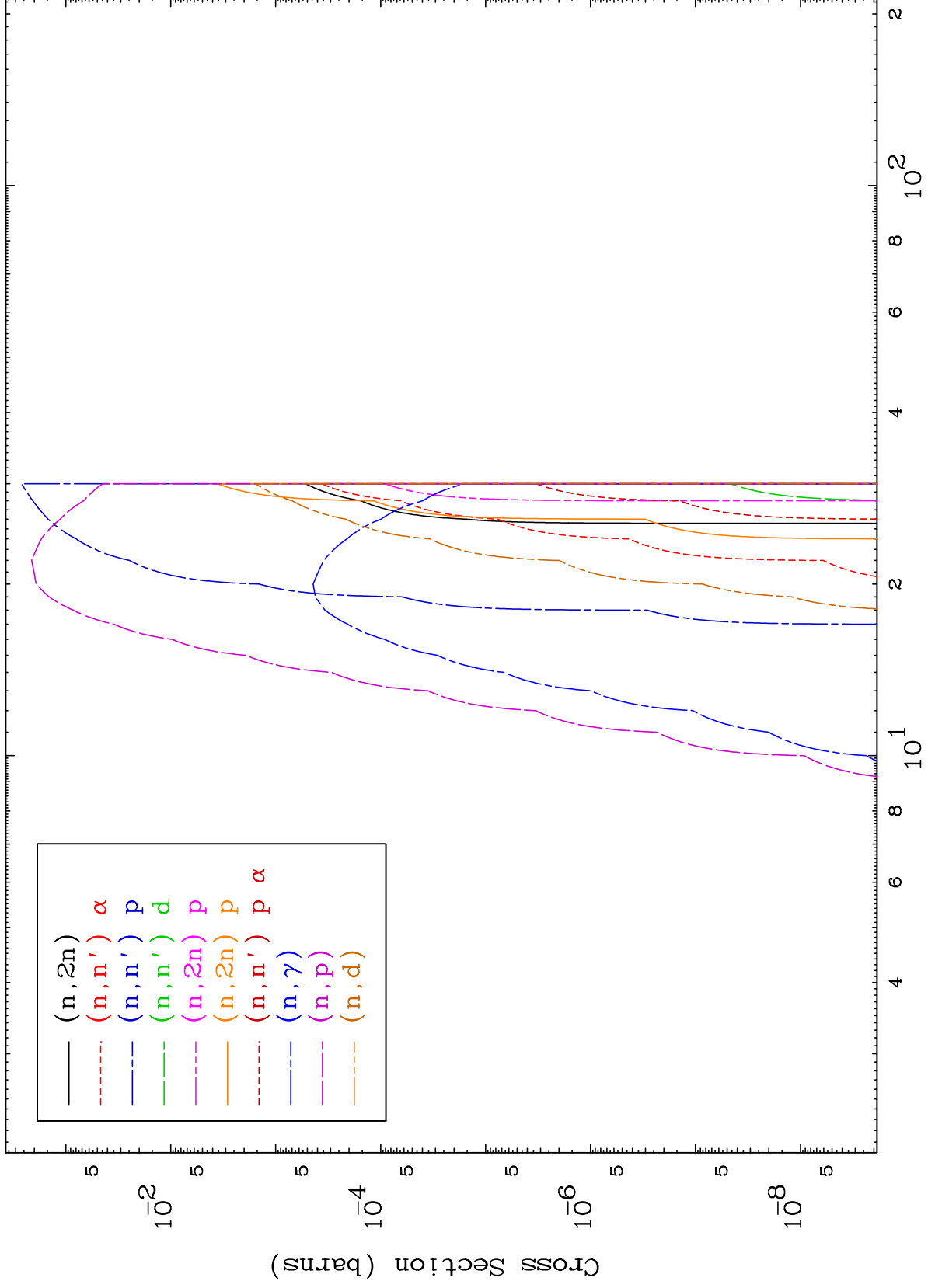
MAT 6478

0 Kelvin Cross Sections

α Major

65-Tb-143m

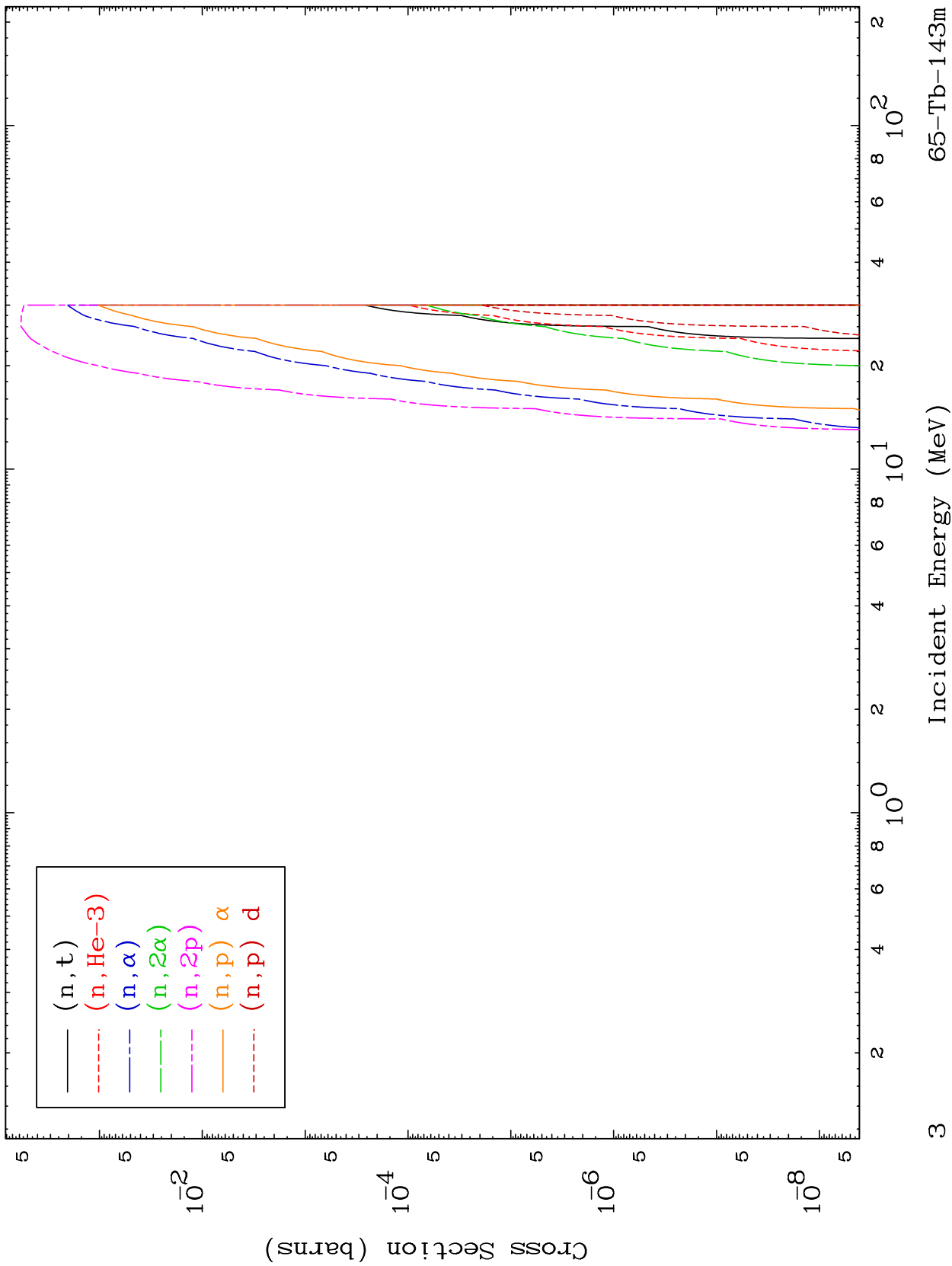


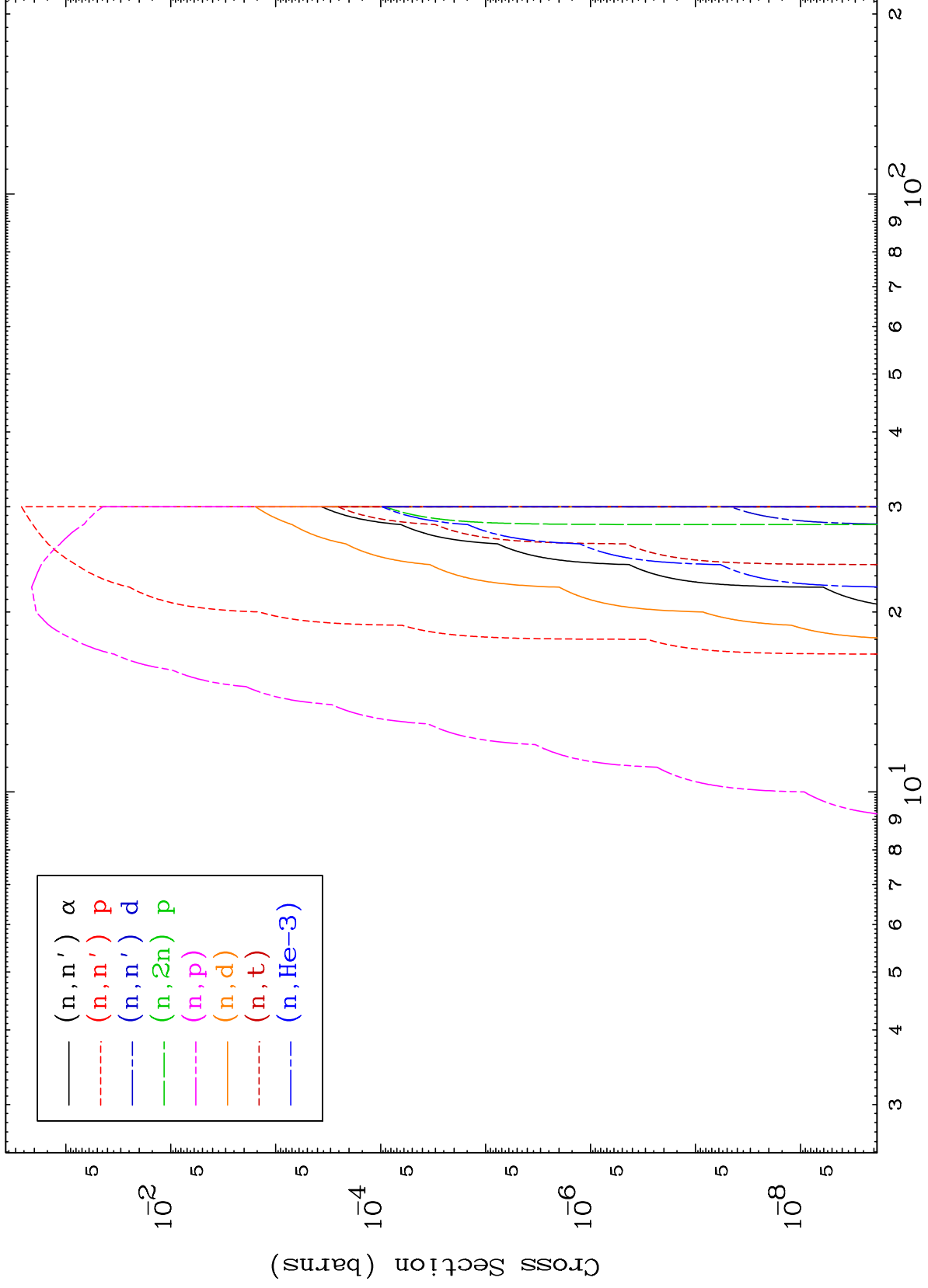


MAT 6478

α Neutron Absorption
0 Kelvin Cross Sections

$^{65}\text{Tb-143m}$

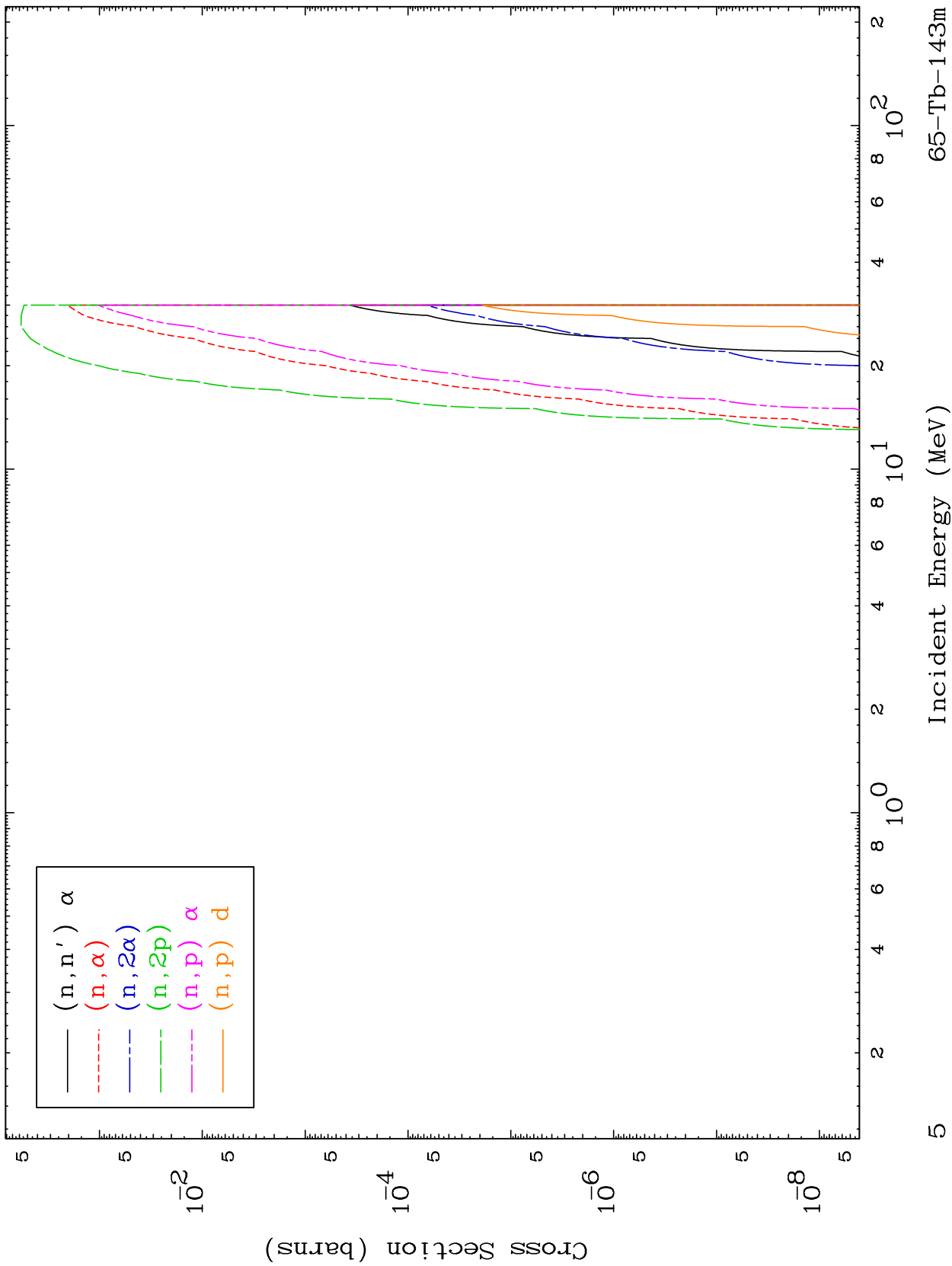




MAT 6478

α Charged Particle
0 Kelvin Cross Sections

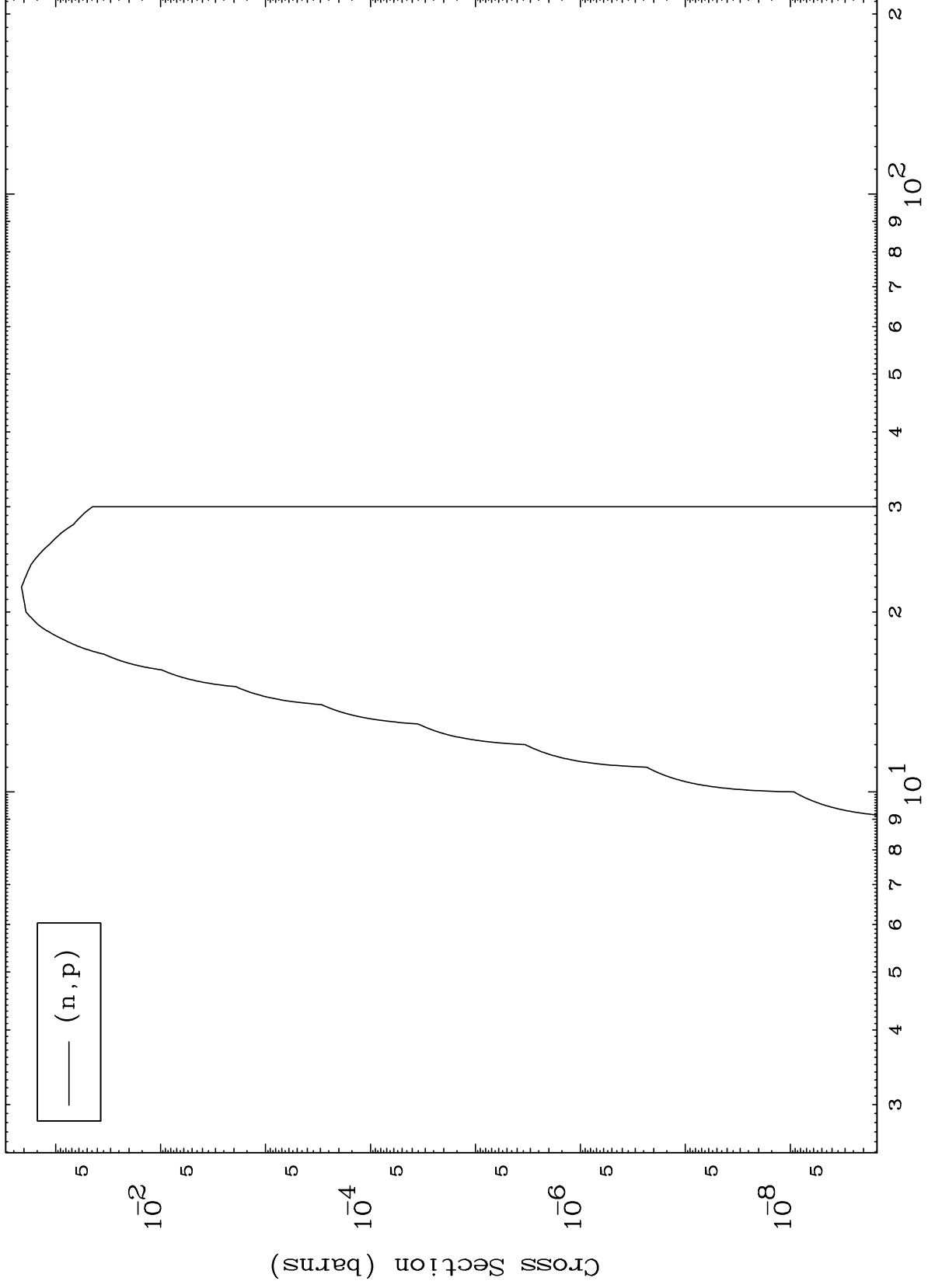
65-Tb-143m



MAT 6478

(α, p) Levels
0 Kelvin Cross Sections

65-Tb-143m



6

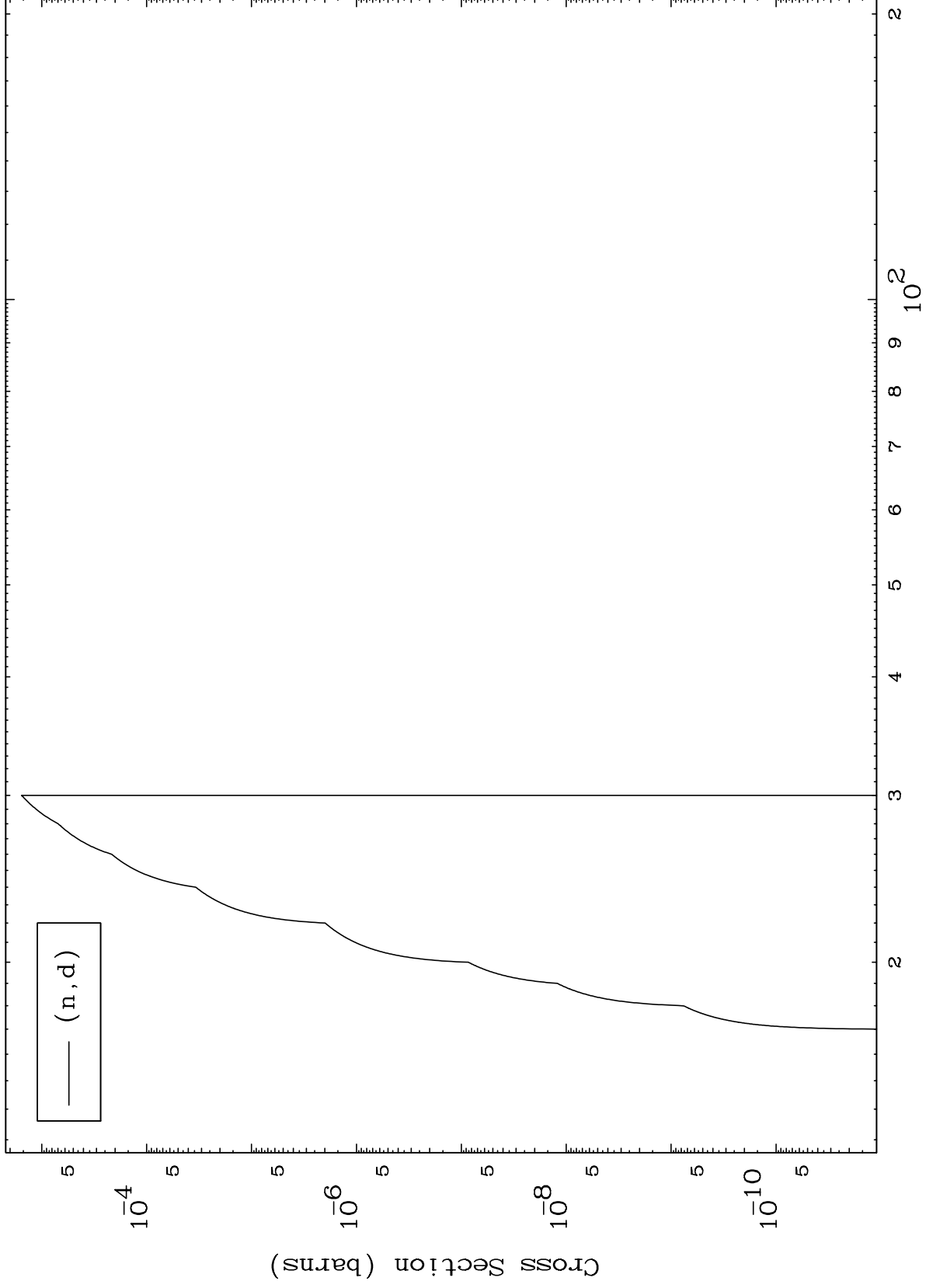
Incident Energy (MeV)

65-Tb-143m

MAT 6478

(α, d) Levels
0 Kelvin Cross Sections

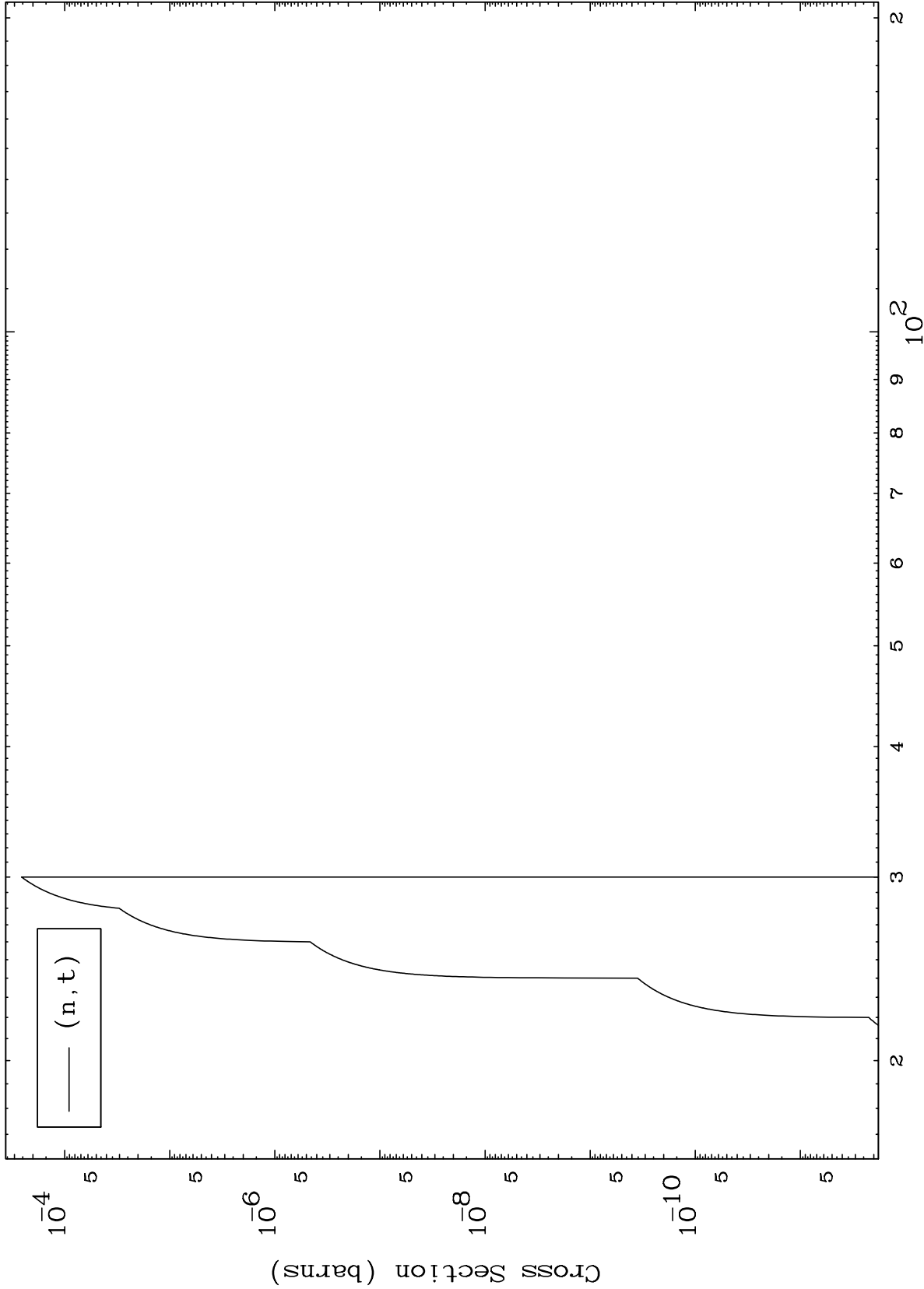
65-Tb-143m



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(α, t) Levels
0 Kelvin Cross Sections

65-Tb-143m



8

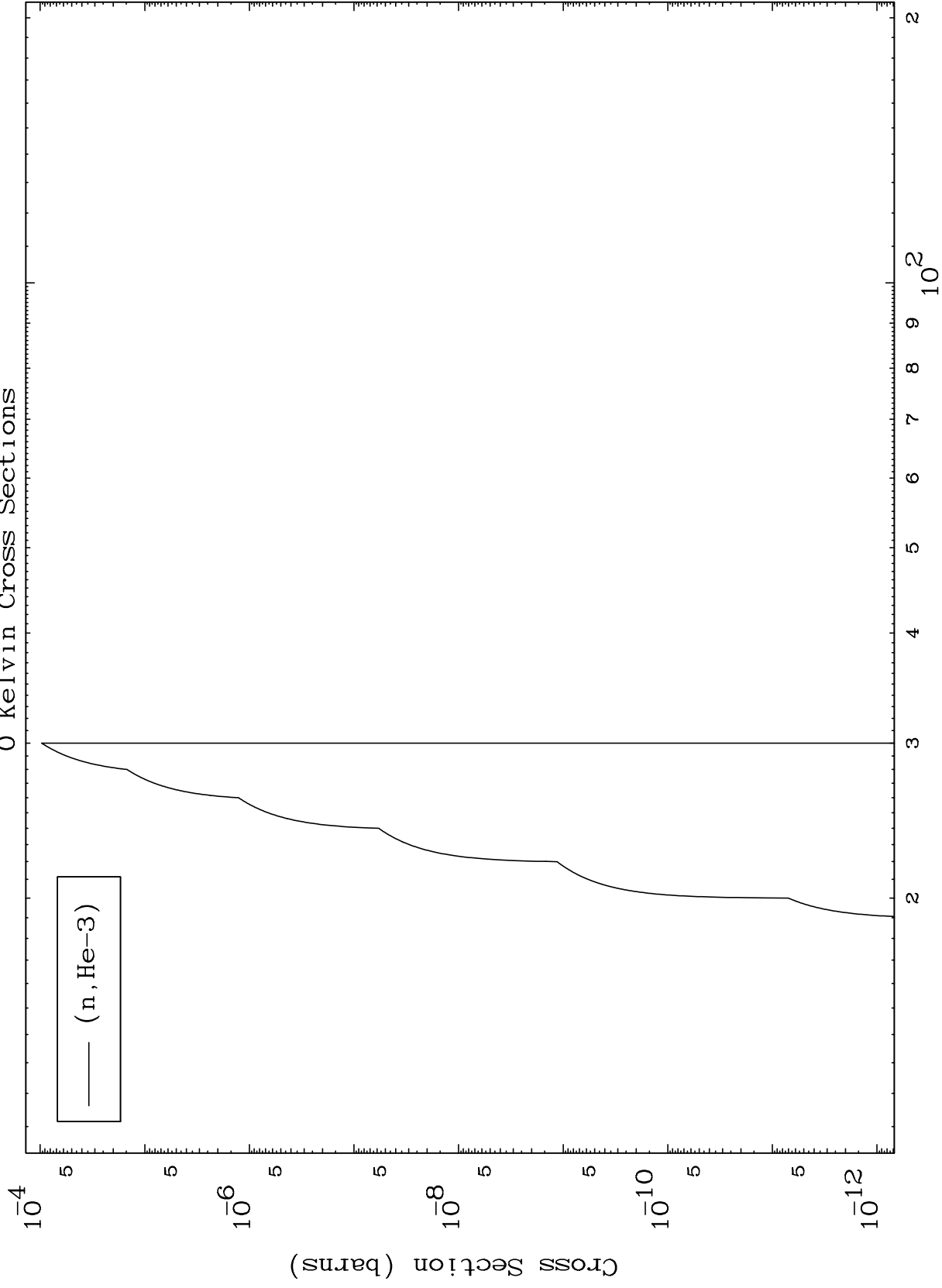
Incident Energy (MeV)

65-Tb-143m

MAT 6478

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

65-Tb-143m

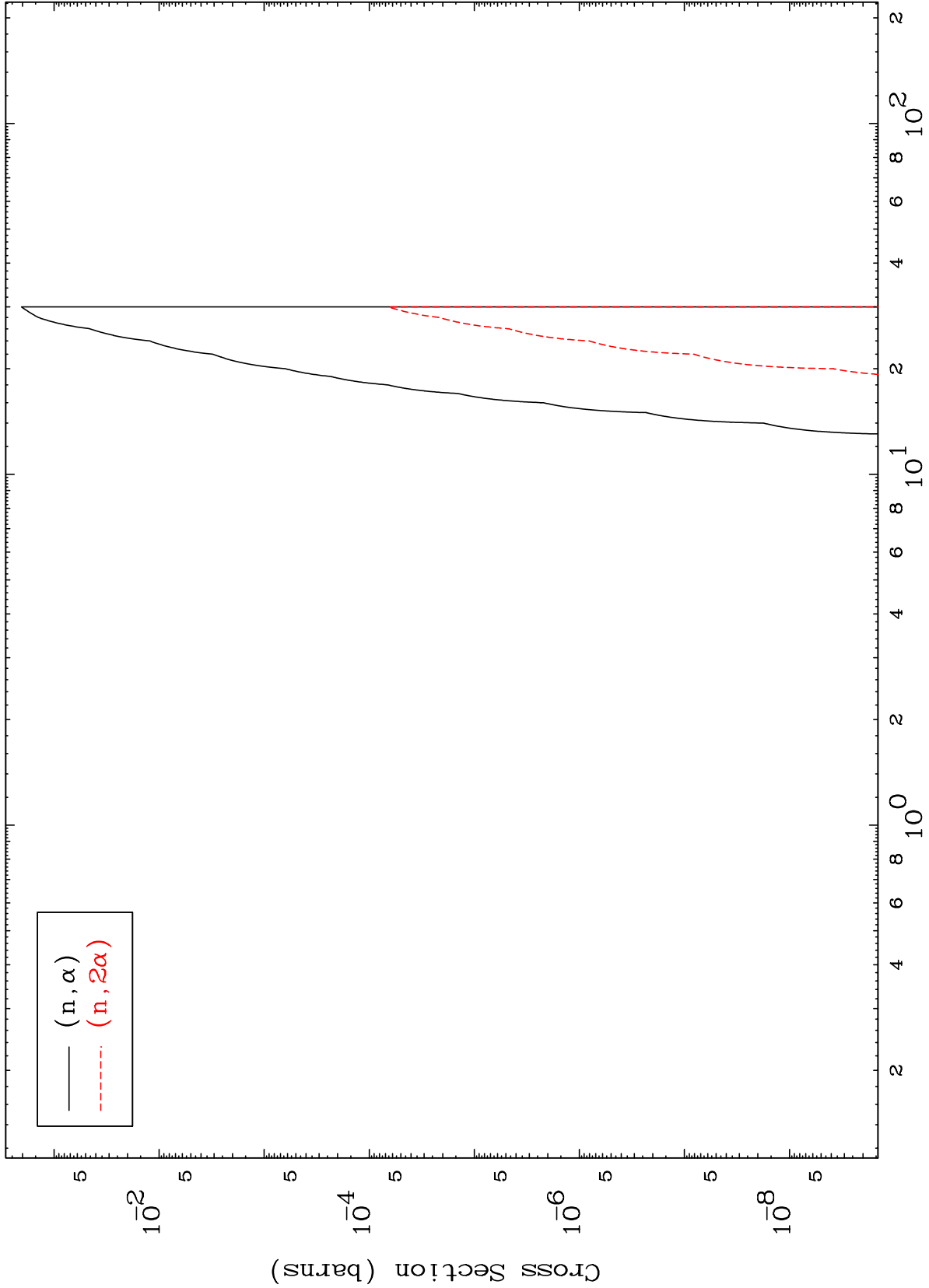


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(α, α) Levels

65-Tb-143m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

Incident Energy (MeV)

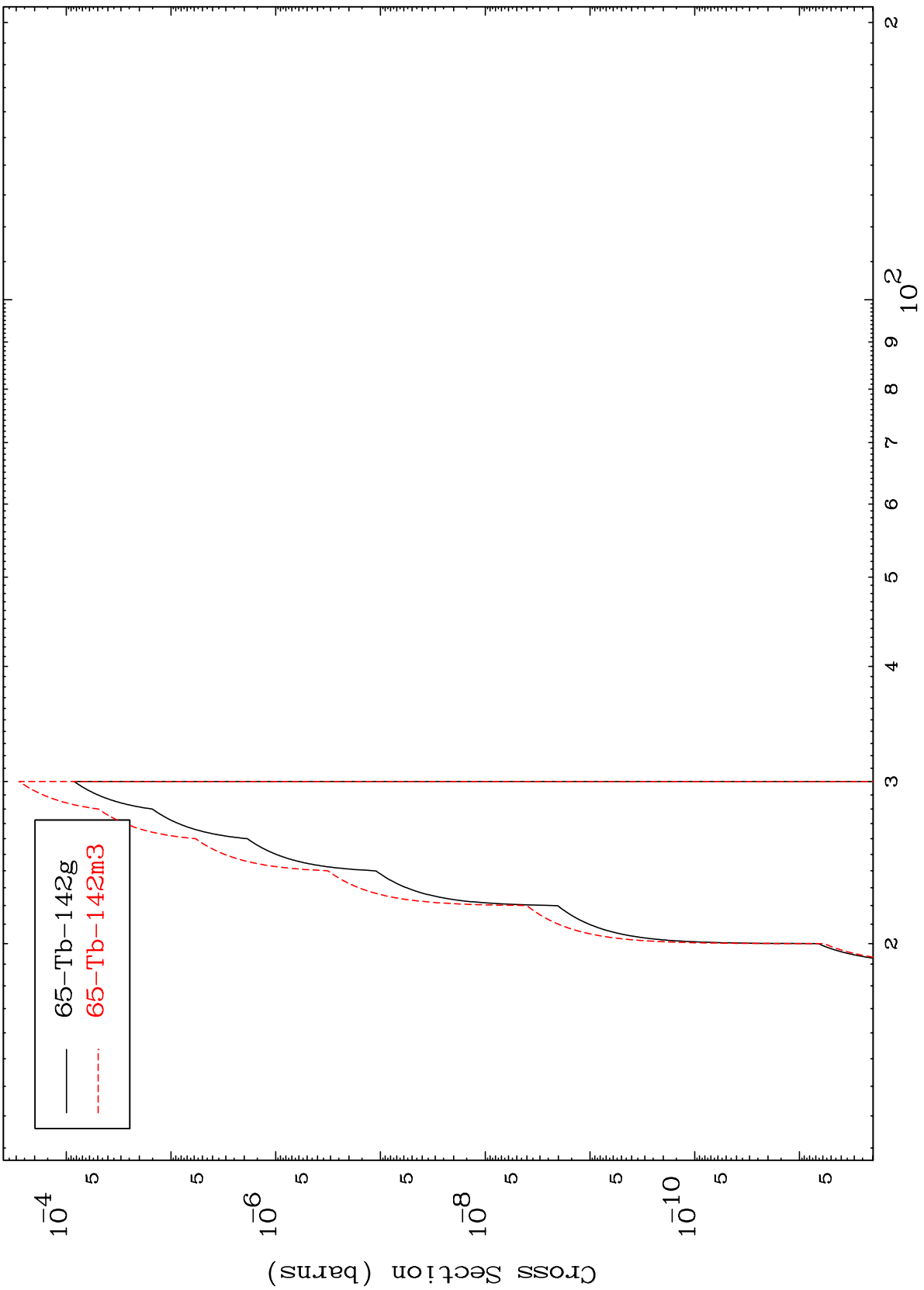
65-Tb-143m

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$(n, n') \alpha$

65-Tb-143m

Radionuclide Production Cross Section

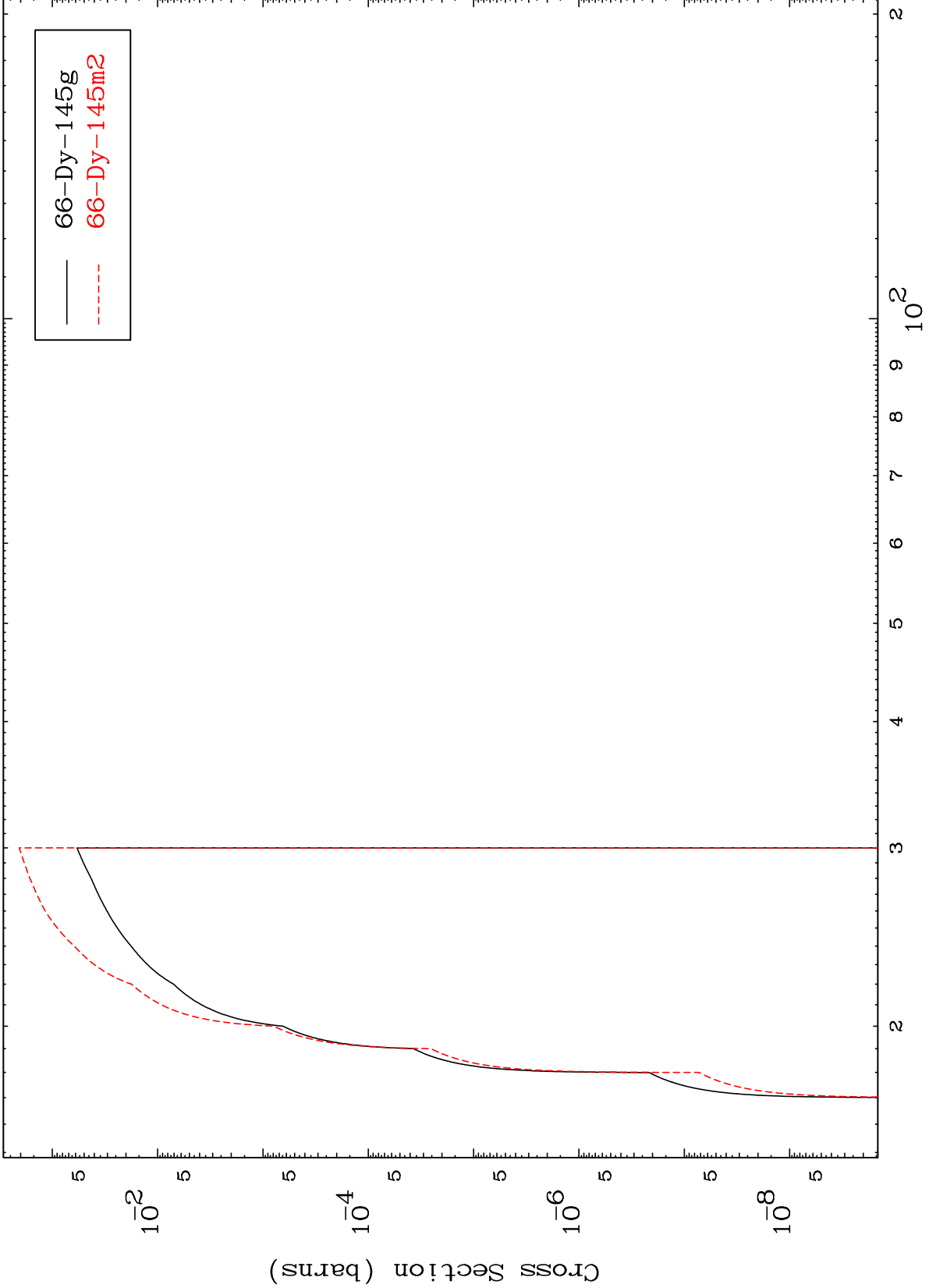


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(n,n') p

65-Tb-143m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

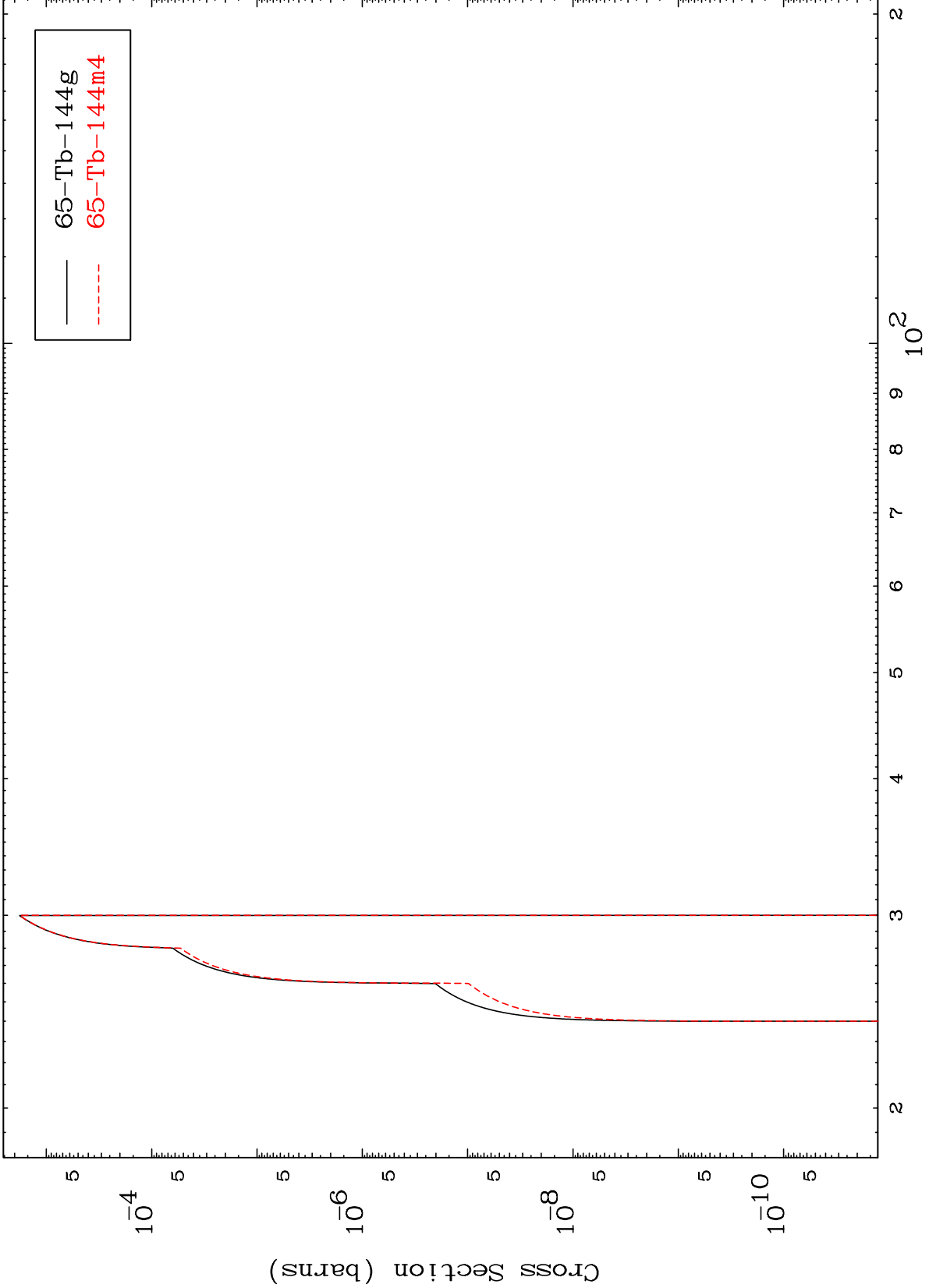
65-Tb-143m

MAT 6478

(n,2n) p

65-Tb-143m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

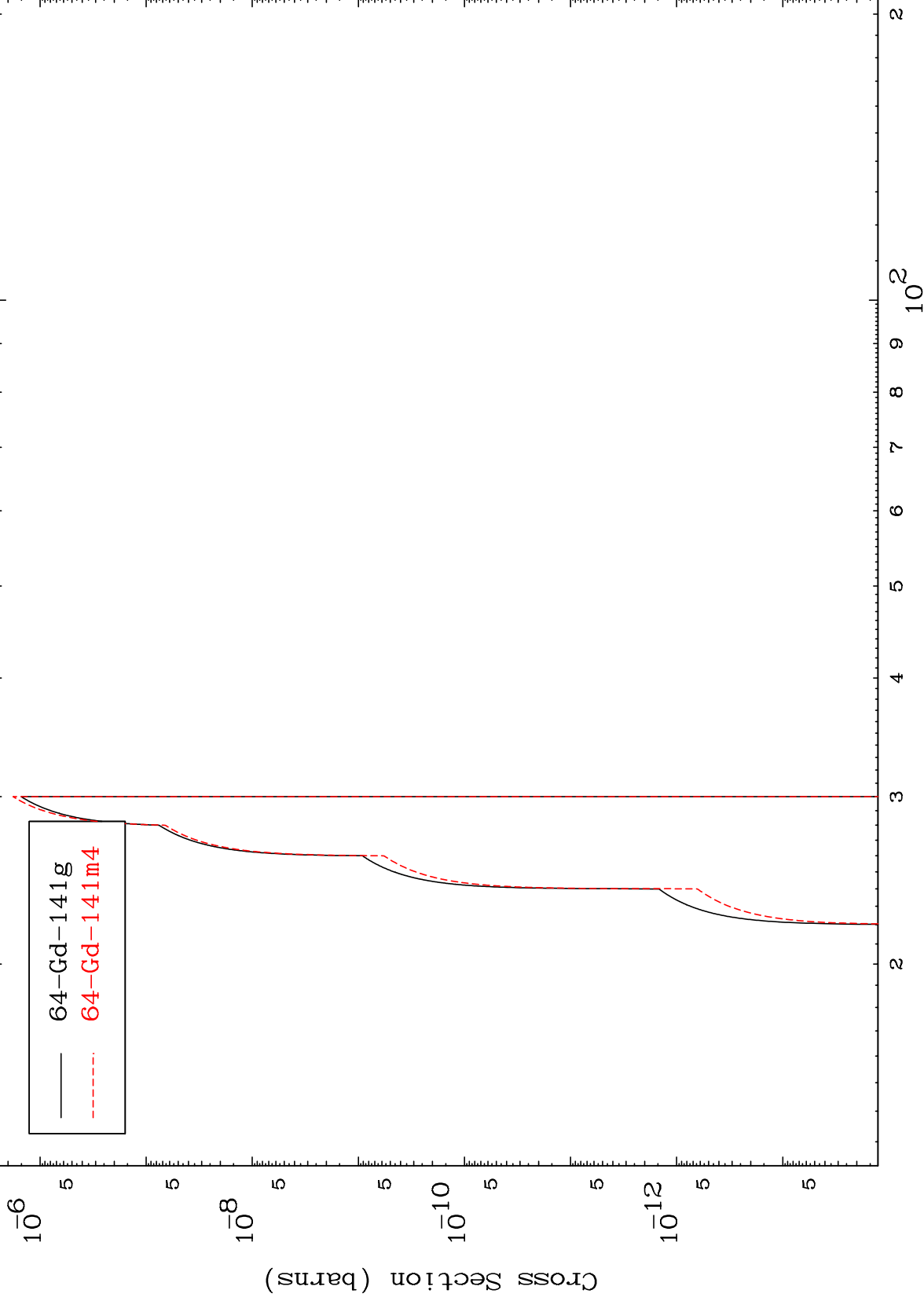
65-Tb-143m

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(n,n') p α

65-Tb-143m

Radionuclide Production Cross Section



14

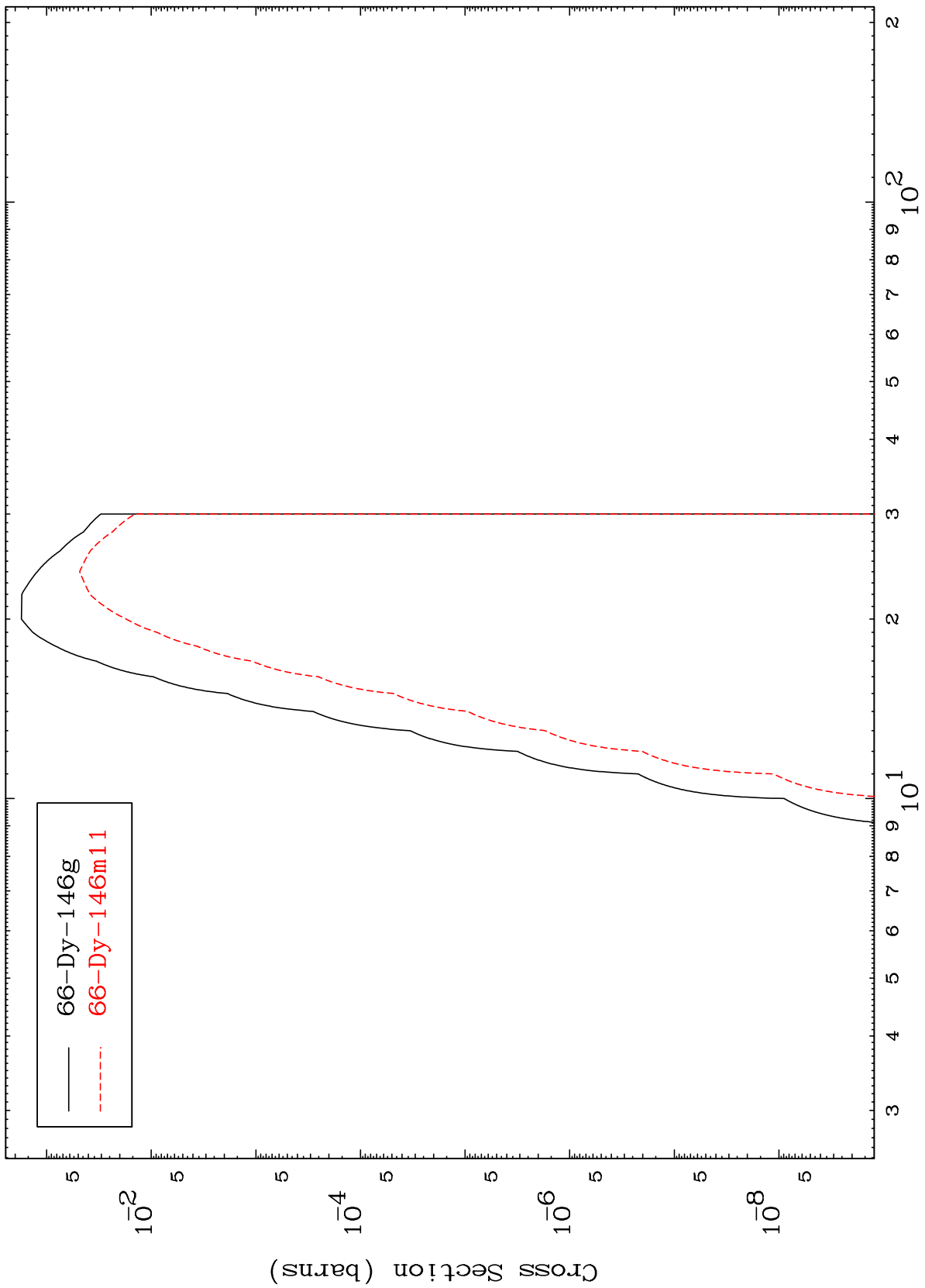
Incident Energy (MeV)

65-Tb-143m

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65-Tb-143m

(n,p)
Radionuclide Production Cross Section



66-Dy-146g
66-Dy-146m11

65-Tb-143m

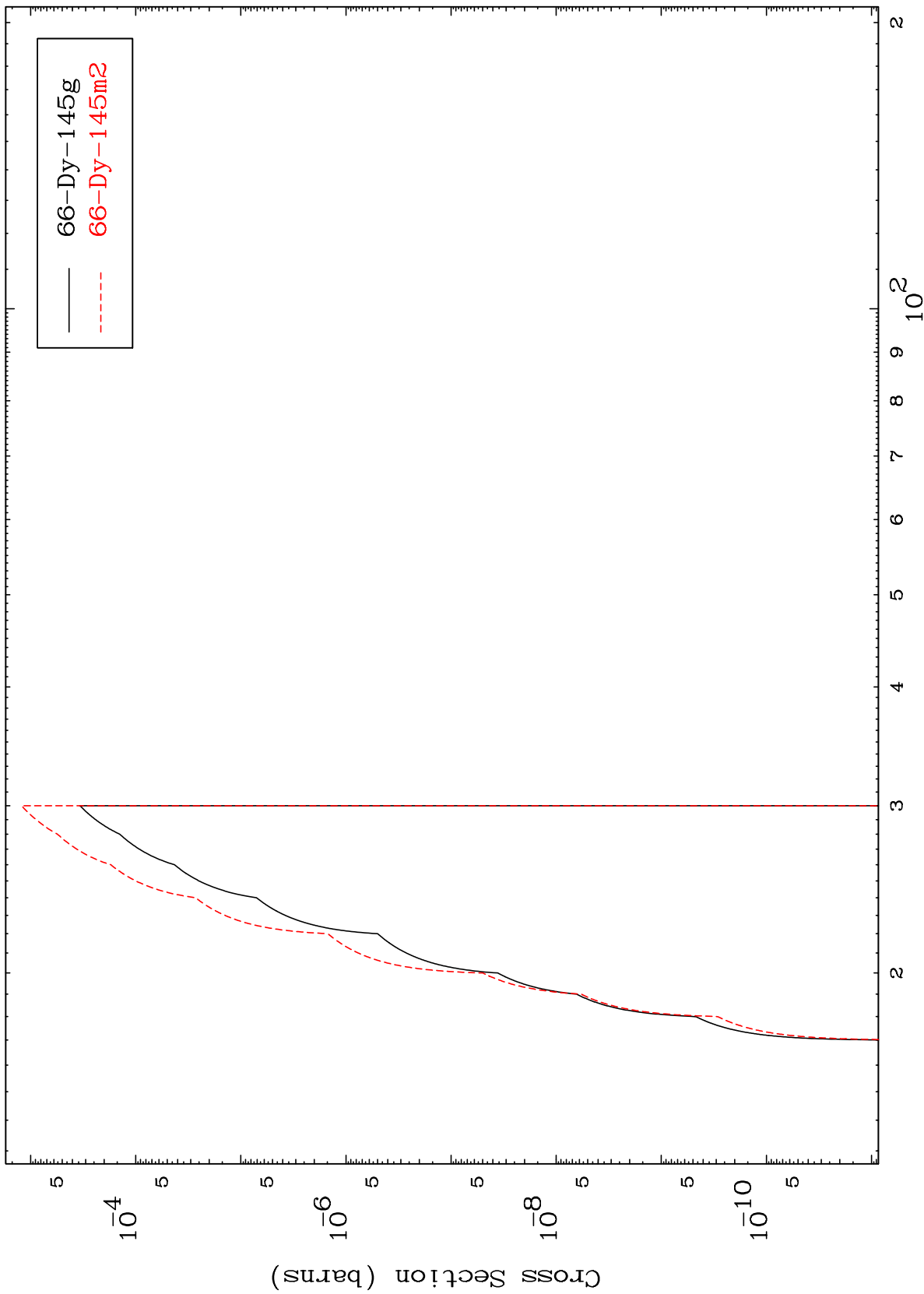
Incident Energy (MeV)

15

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65-Tb-143m

(n,d)
Radionuclide Production Cross Section



16

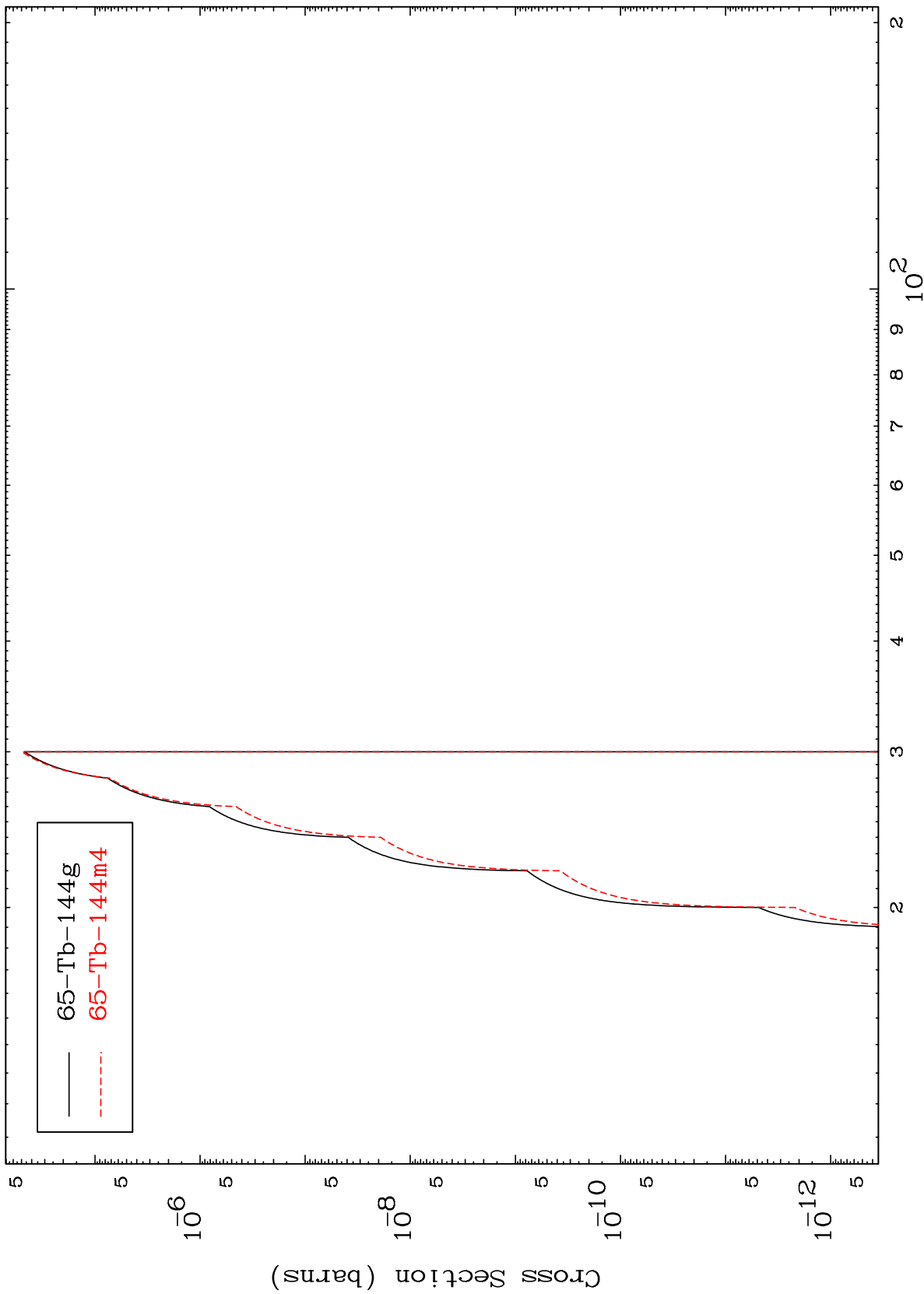
Incident Energy (MeV)

65-Tb-143m

MAT 6478

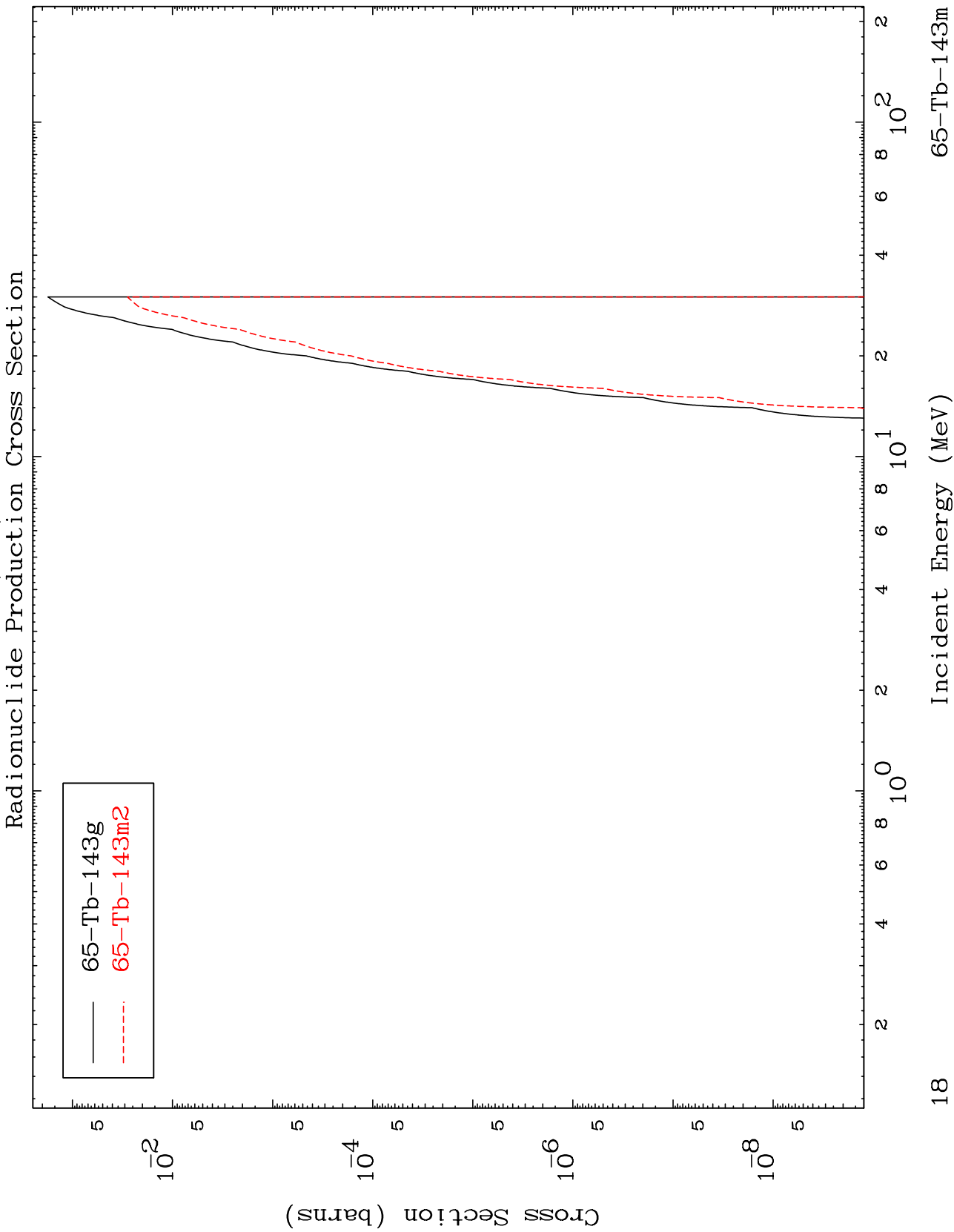
65-Tb-143m

(n,He-3)
Radionuclide Production Cross Section



MAT 6478

65-Tb-143m

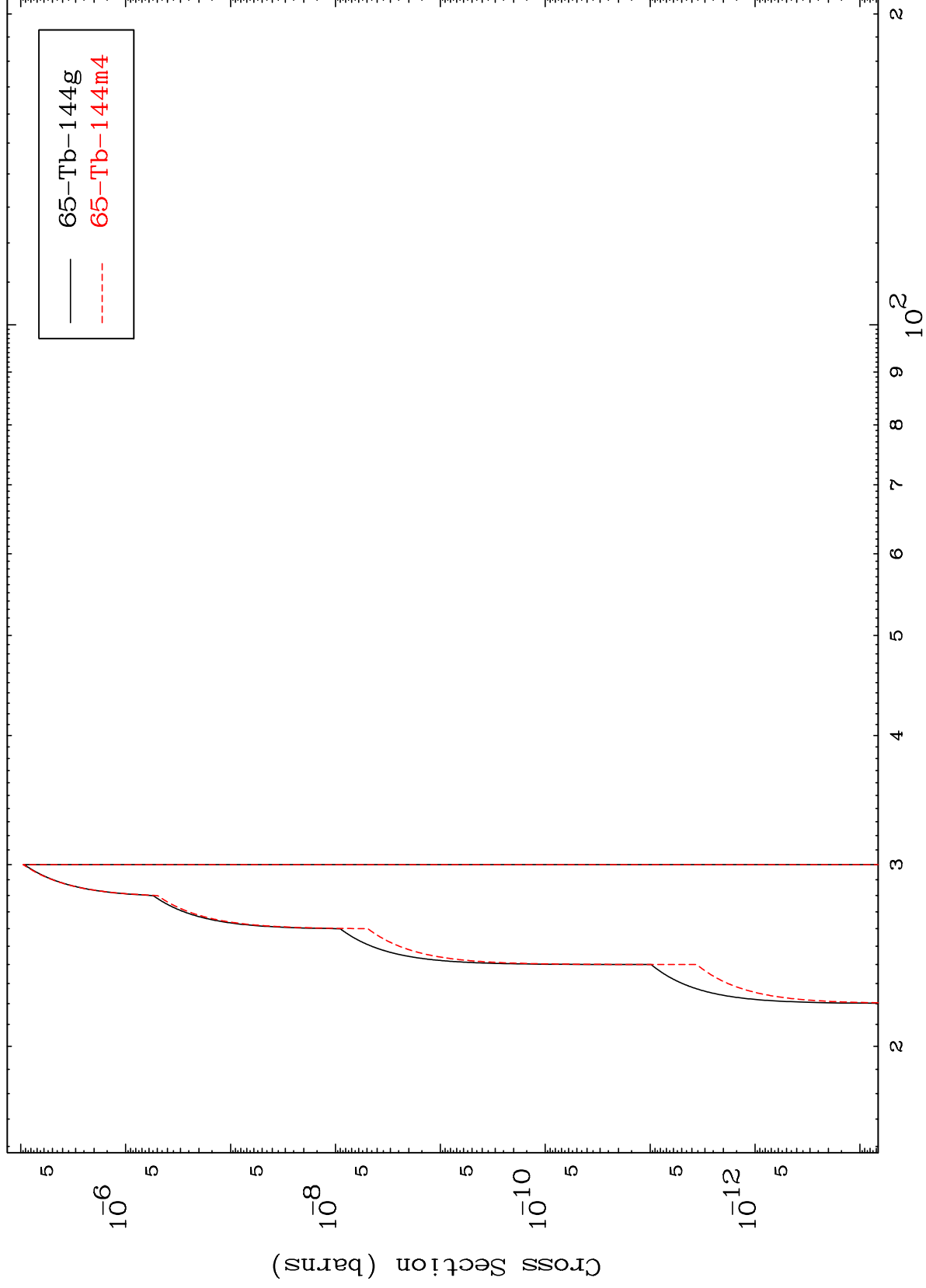


MAT 6478

(n,p) d

65-Tb-143m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

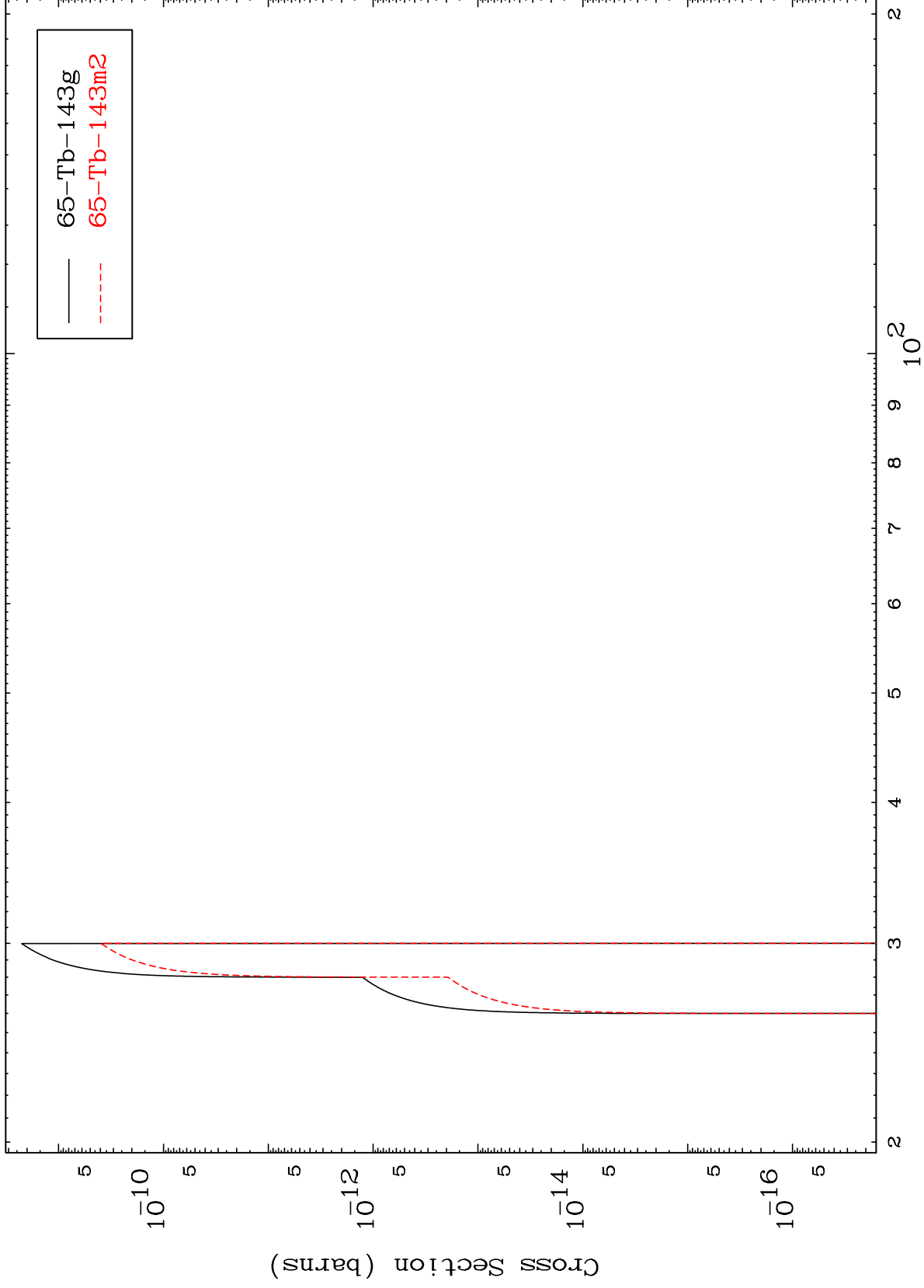
65-Tb-143m

MAT 6478

(n,p) t

65-Tb-143m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

65-Tb-143m

MAT 6478

(n,d) α

65-Tb-143m

Radionuclide Production Cross Section

