

Program EVALPLOT  
(Version 2021-1)

by

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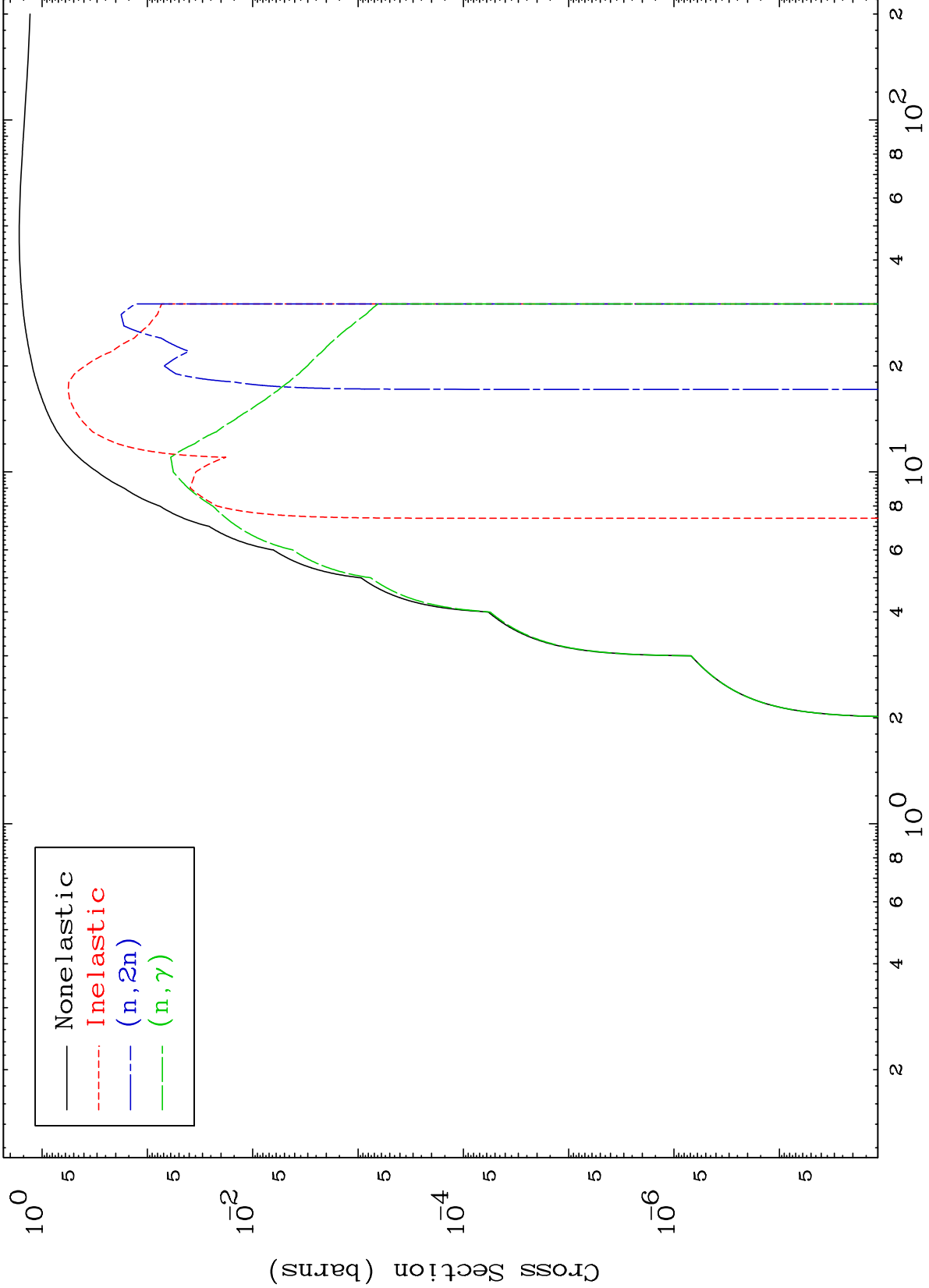
Press Mouse Button to Start

MAT 6489

Proton Major

65-Tb-147

0 Kelvin Cross Sections

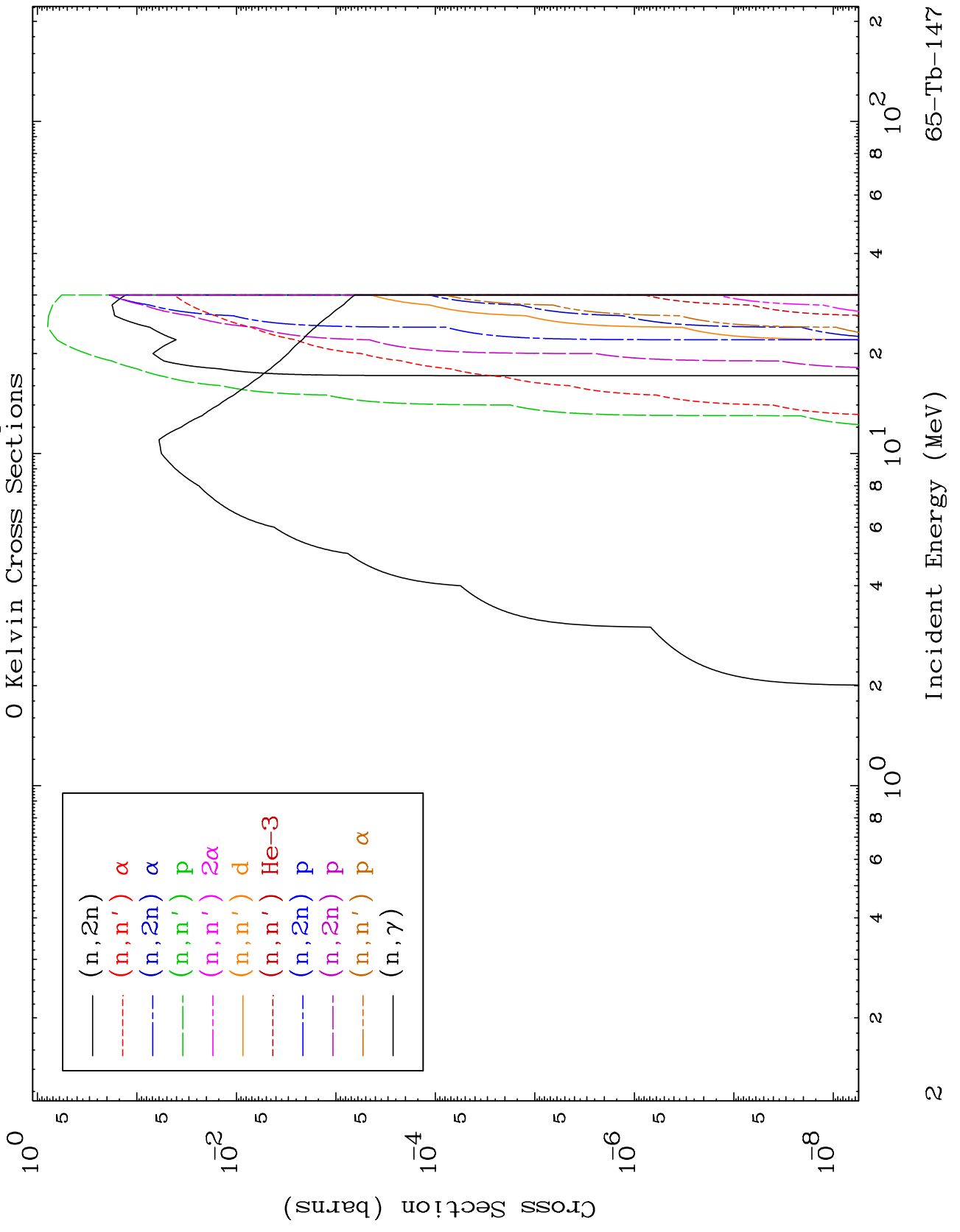


Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n, γ)

MAT 6489

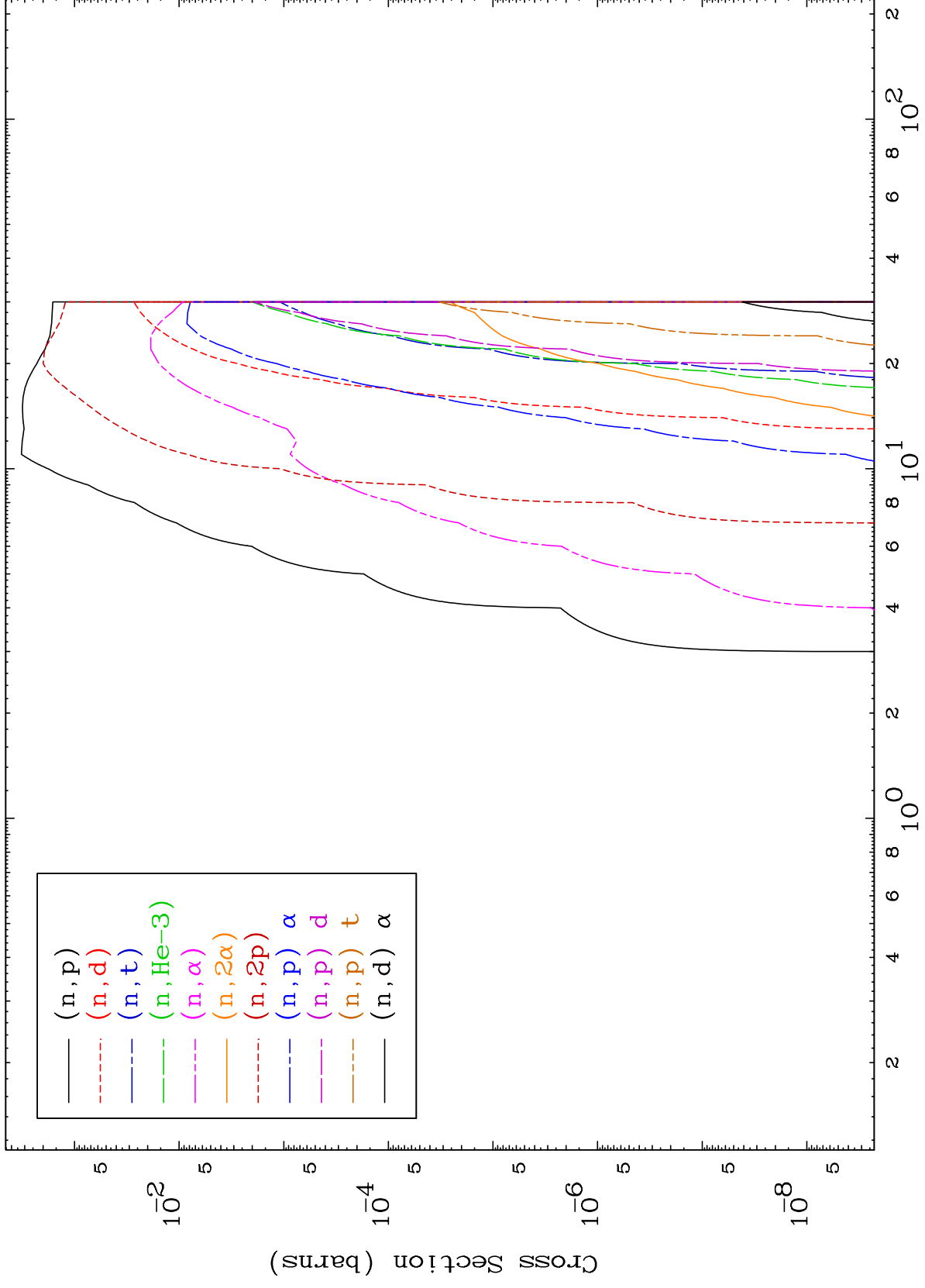
Proton Neutron Absorption  
0 Kelvin Cross Sections

65-Tb-147



65-Tb-147

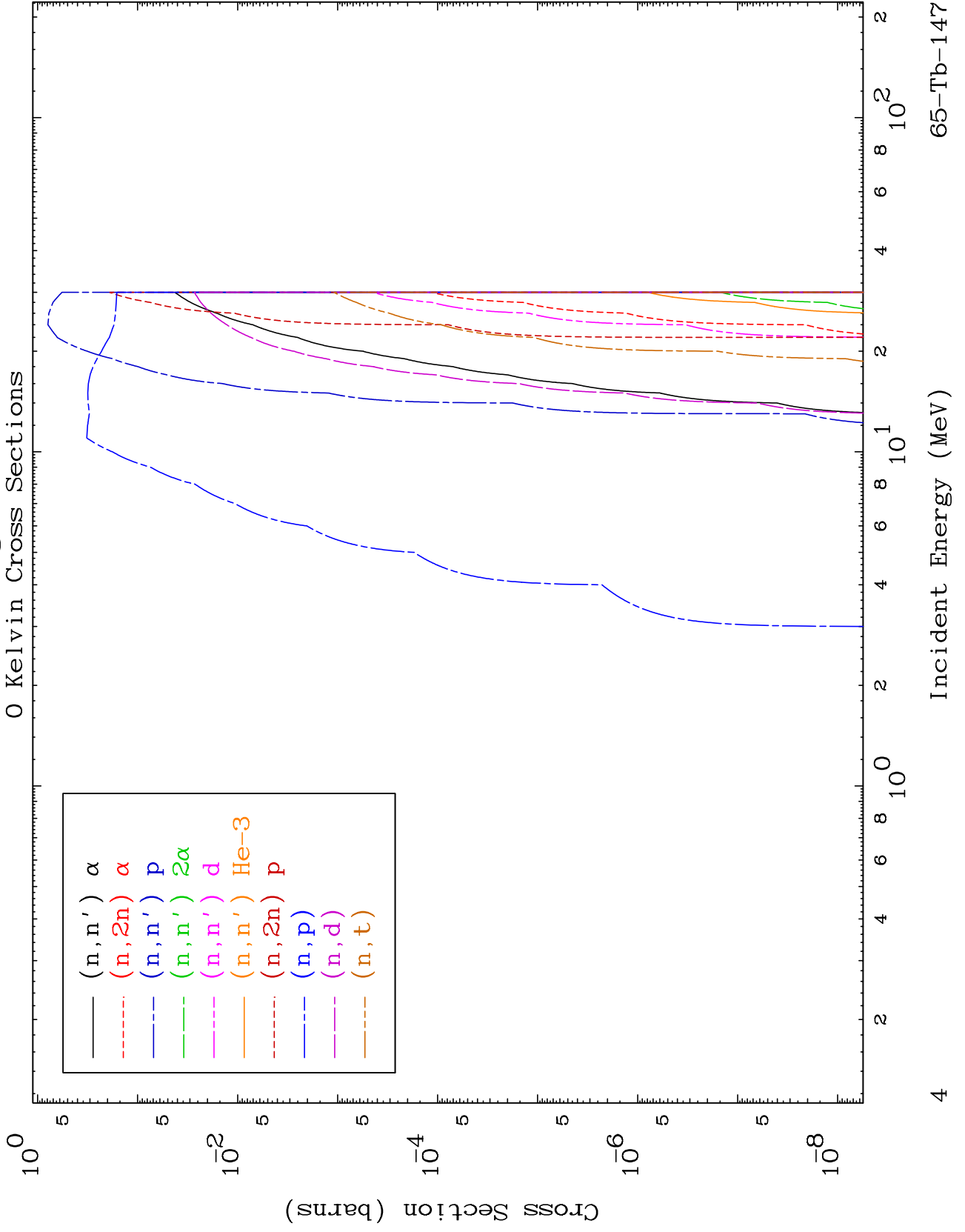
Incident Energy (MeV)



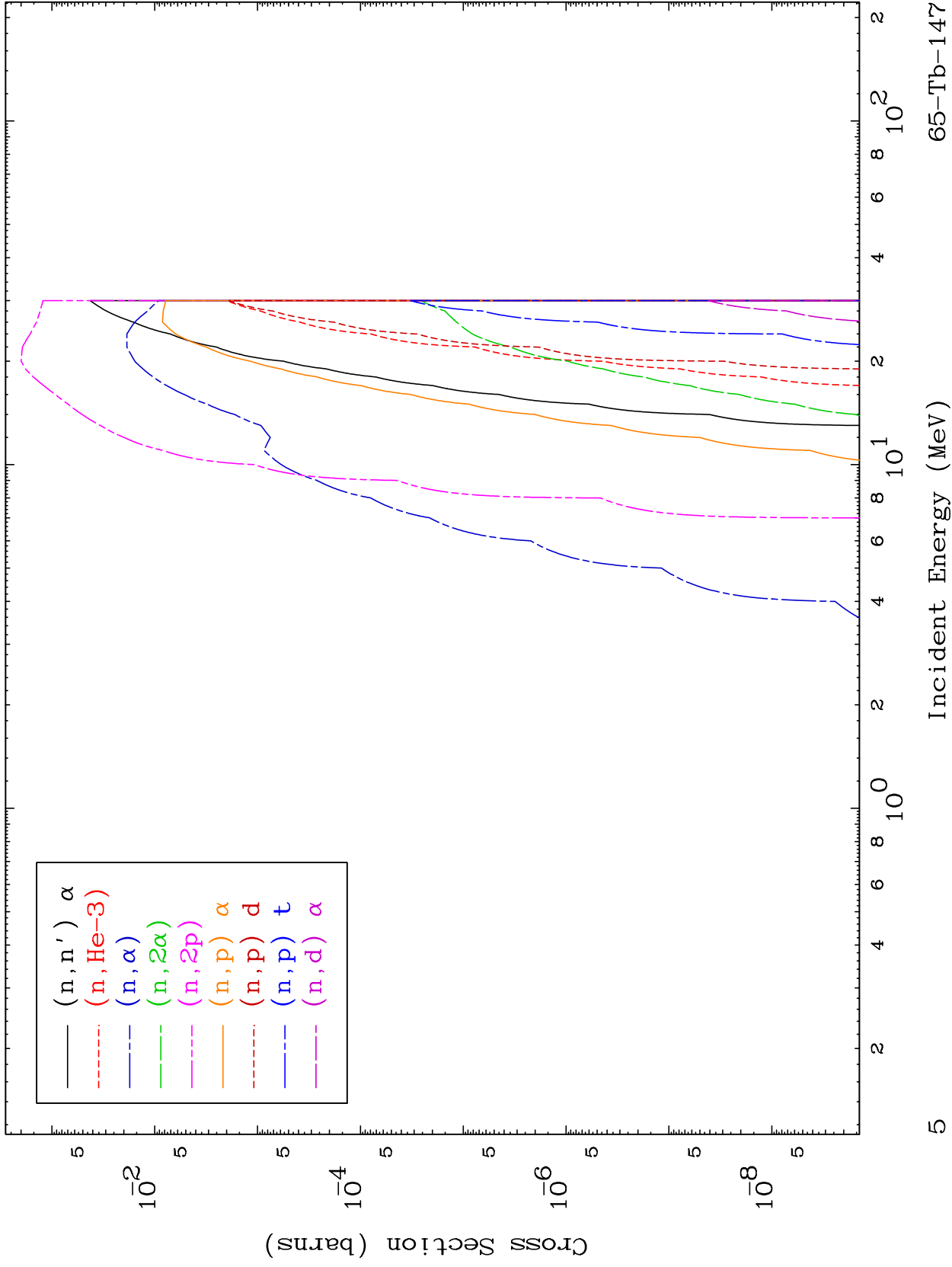
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Proton Charged Particle  
0 Kelvin Cross Sections

65-Tb-147



65-Tb-147

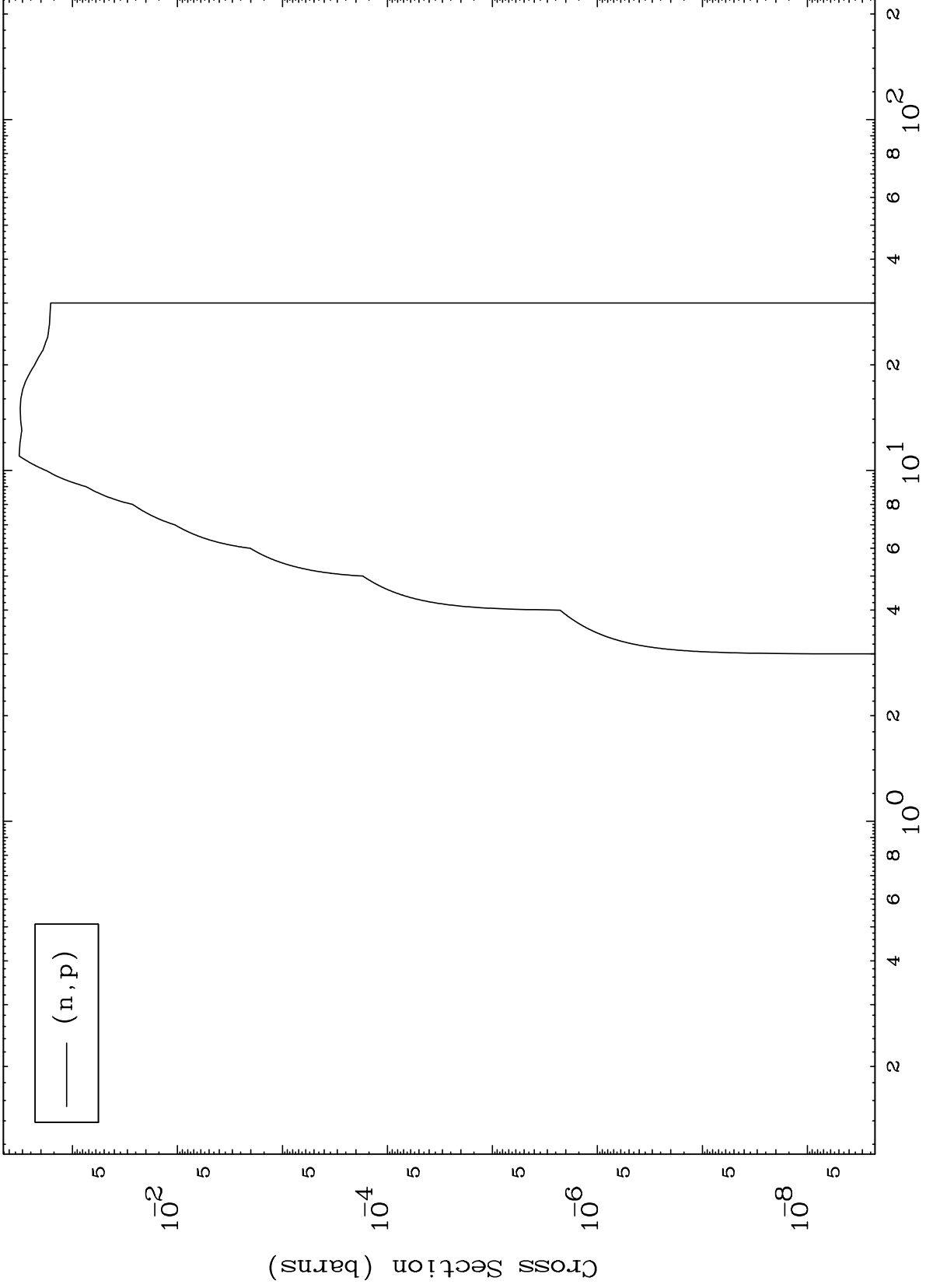


MAT 6489

(p,p) Levels

65-Tb-147

0 Kelvin Cross Sections



6

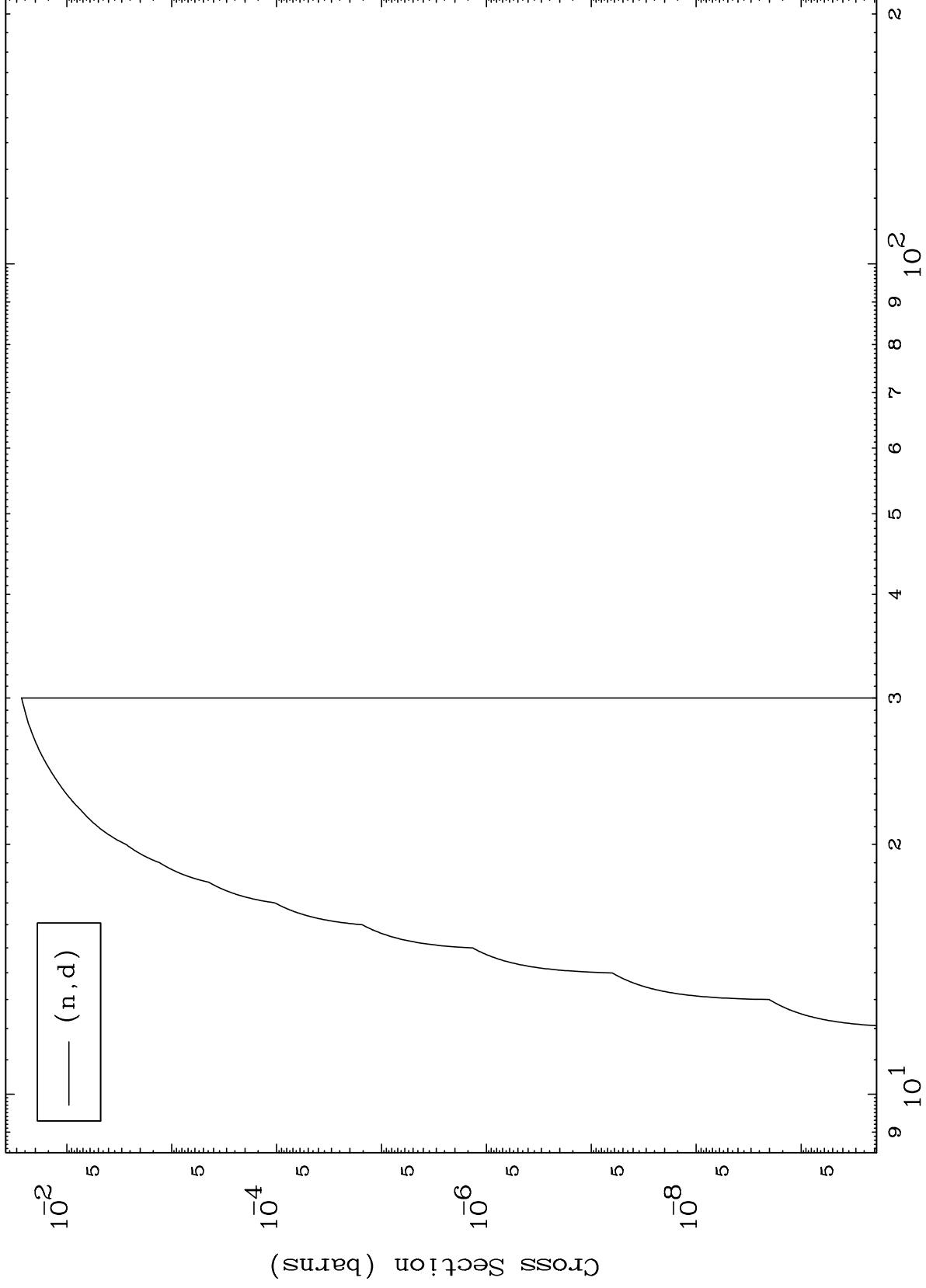
Incident Energy (MeV)

65-Tb-147

MAT 6489

(p,d) Levels  
0 Kelvin Cross Sections

65-Tb-147



Incident Energy (MeV)

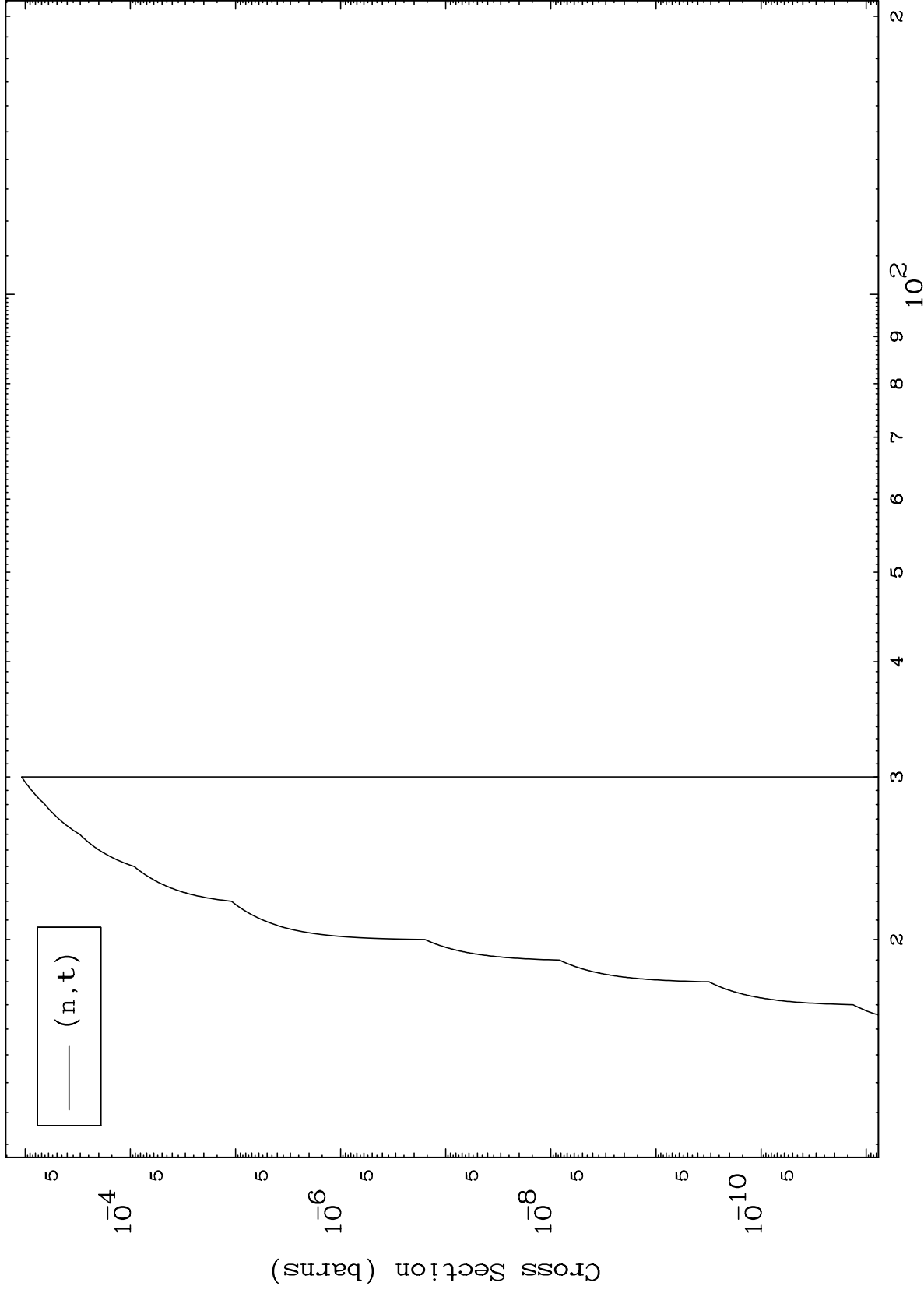
65-Tb-147

7

MAT 6489

(p,t) Levels  
0 Kelvin Cross Sections

65-Tb-147



8

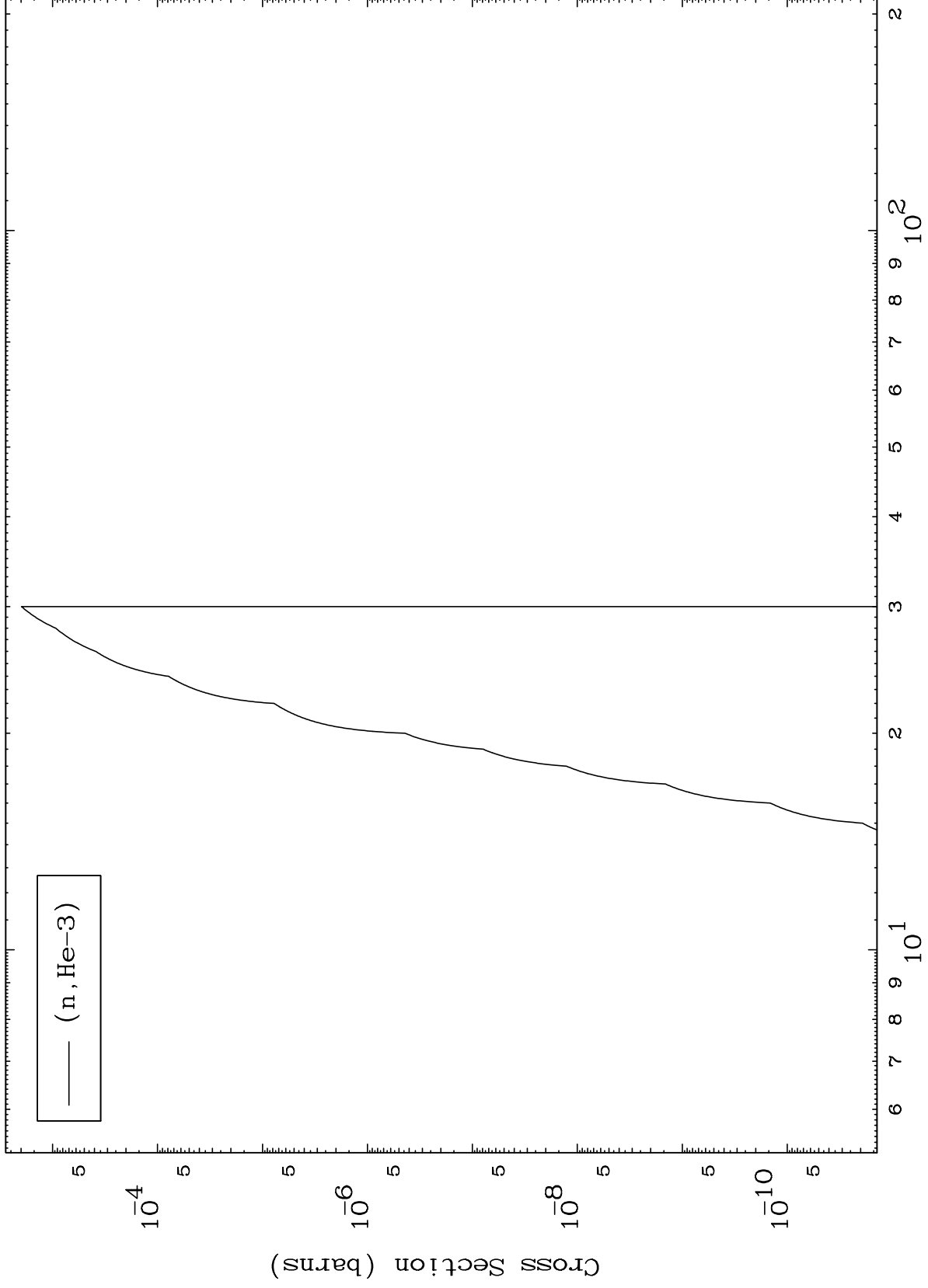
Incident Energy (MeV)

65-Tb-147

MAT 6489

(p,He3) Levels  
0 Kelvin Cross Sections

65-Tb-147



9

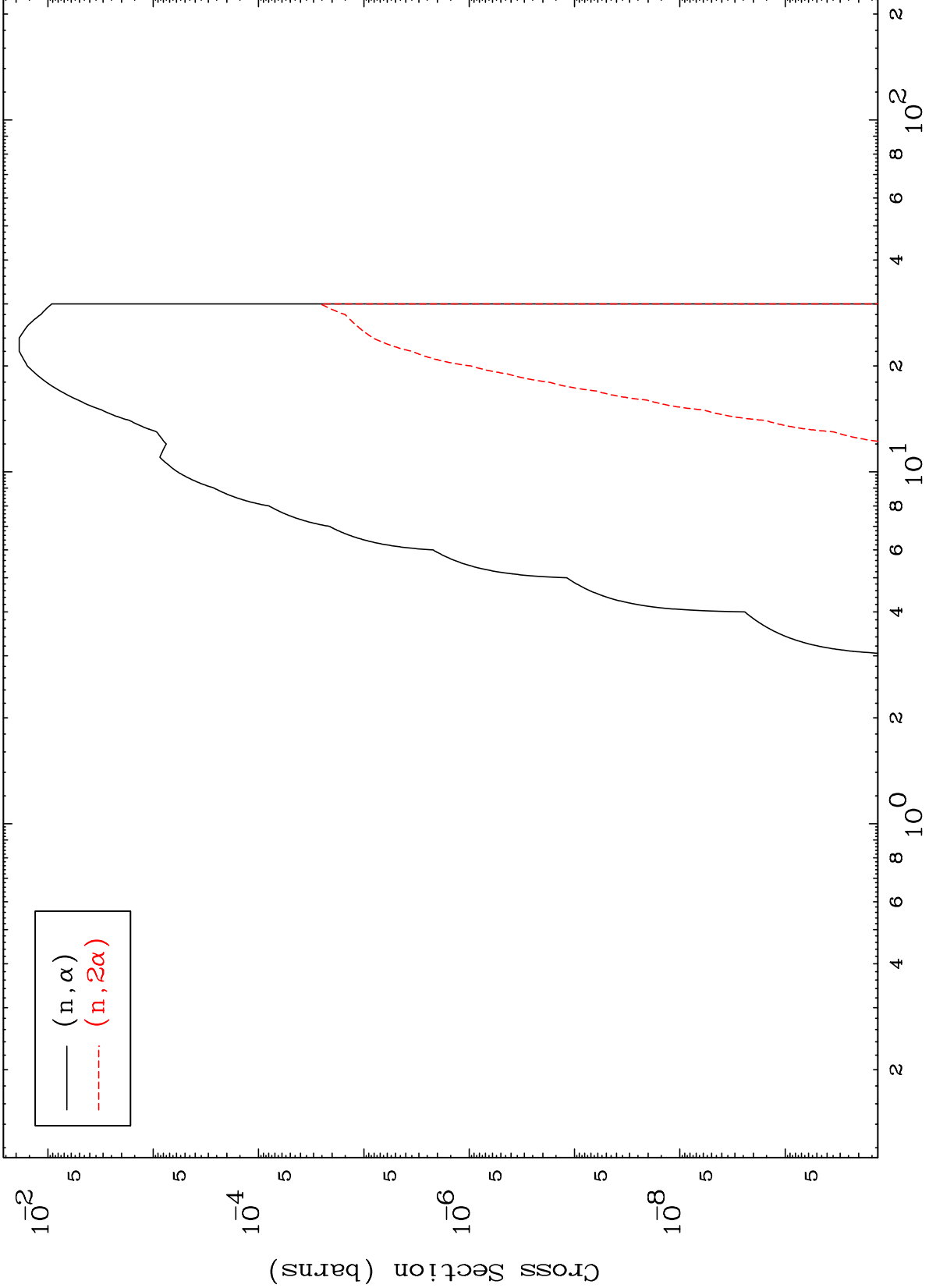
Incident Energy (MeV)

65-Tb-147

MAT 6489

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

65-Tb-147



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

10

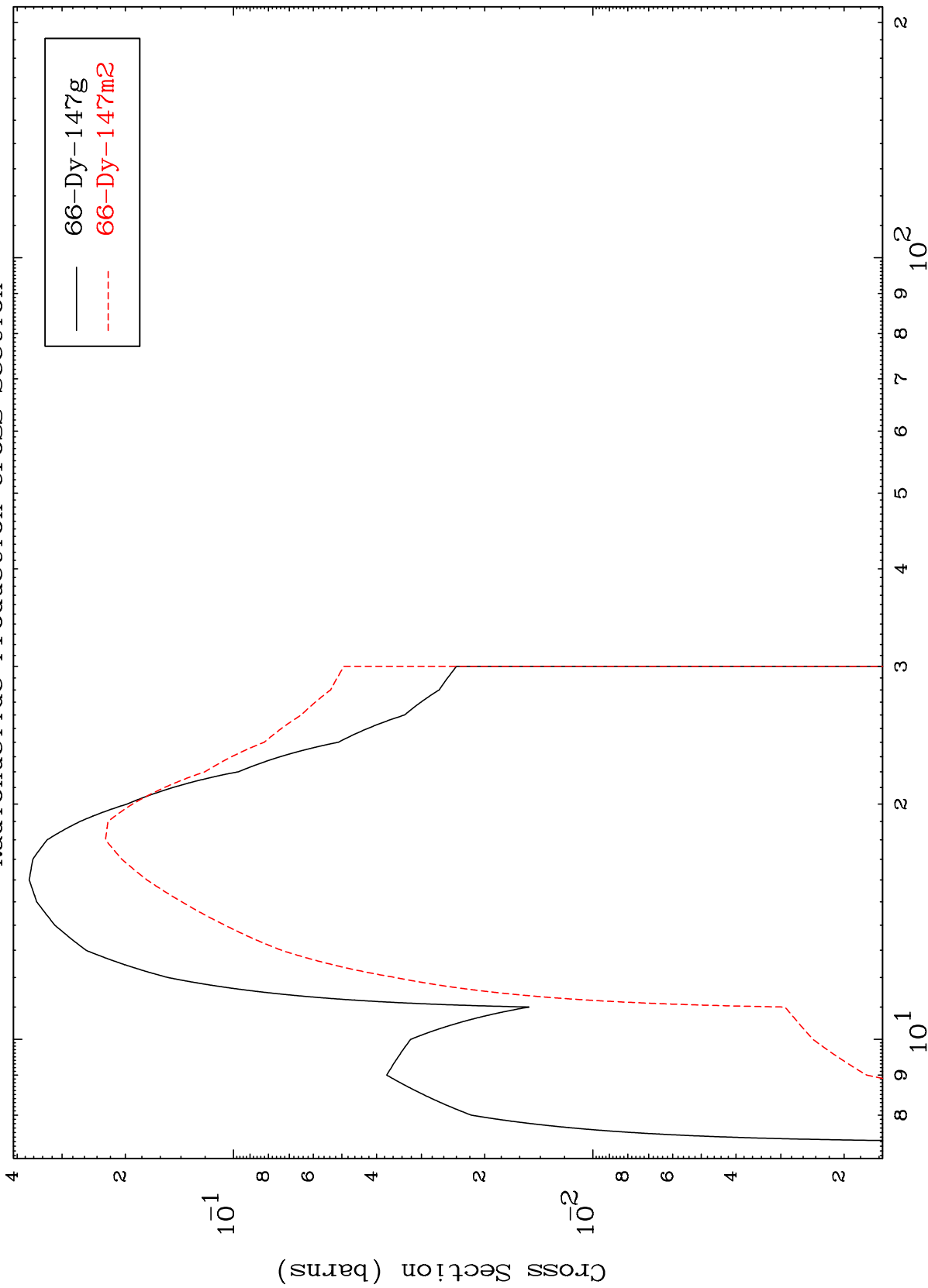
Incident Energy (MeV)

65-Tb-147

MAT 6489

Inelastic  
Radionuclide Production Cross Section

65-Tb-147

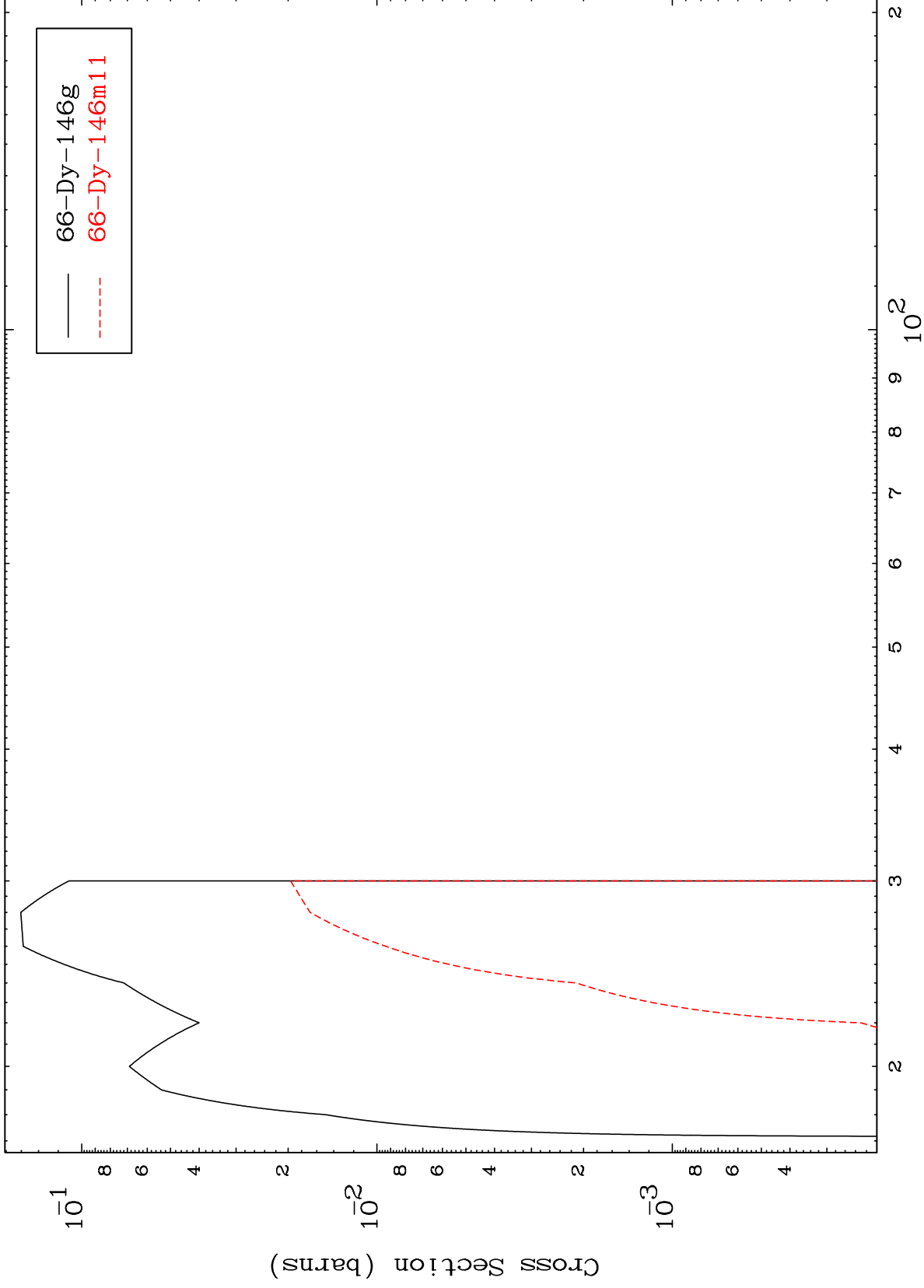


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(n,2n)

65-Tb-147

Radionuclide Production Cross Section



12

Incident Energy (MeV)

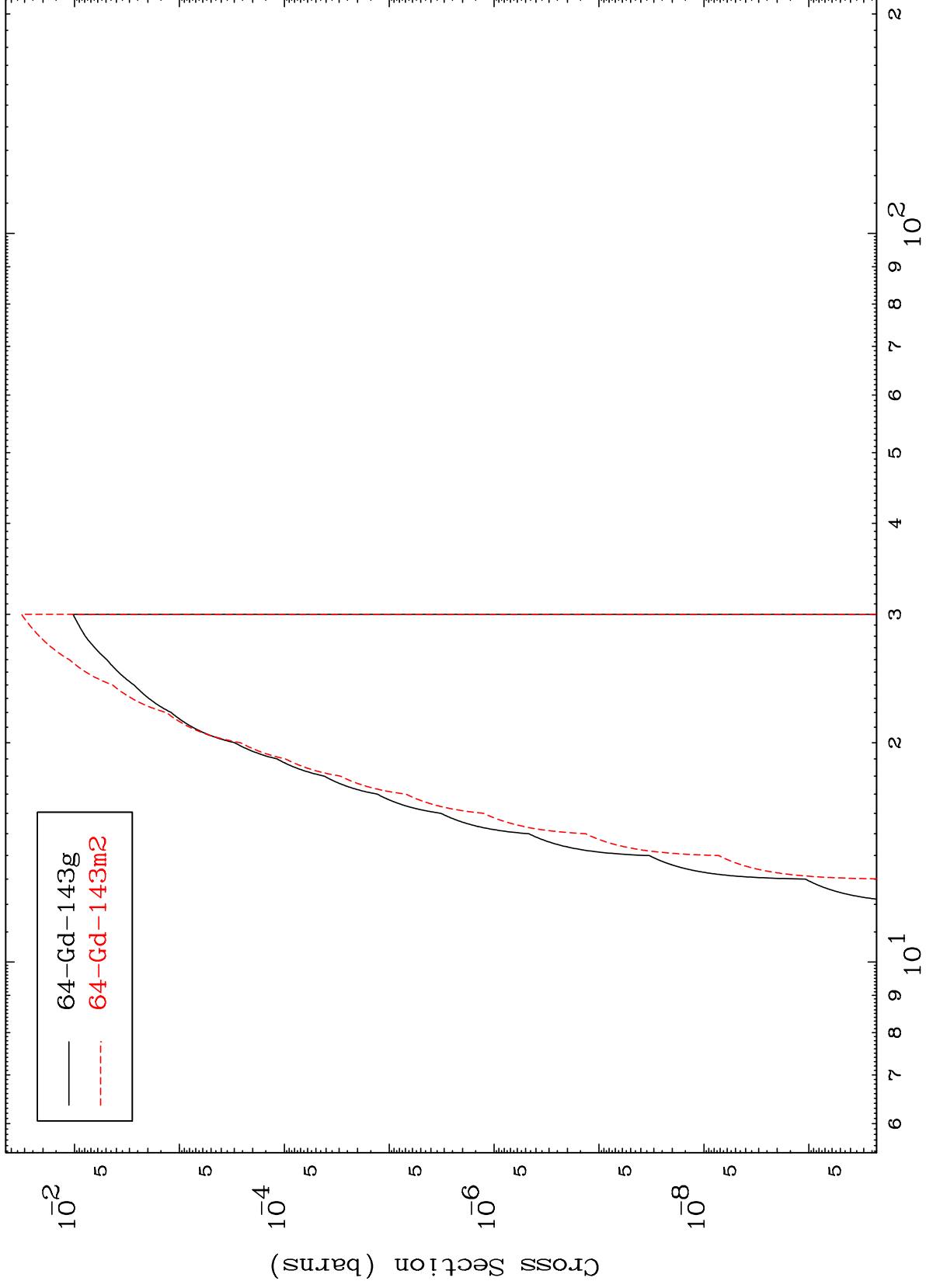
65-Tb-147

MAT 6489

$(n, n') \alpha$

65-Tb-147

Radionuclide Production Cross Section



13

Incident Energy (MeV)

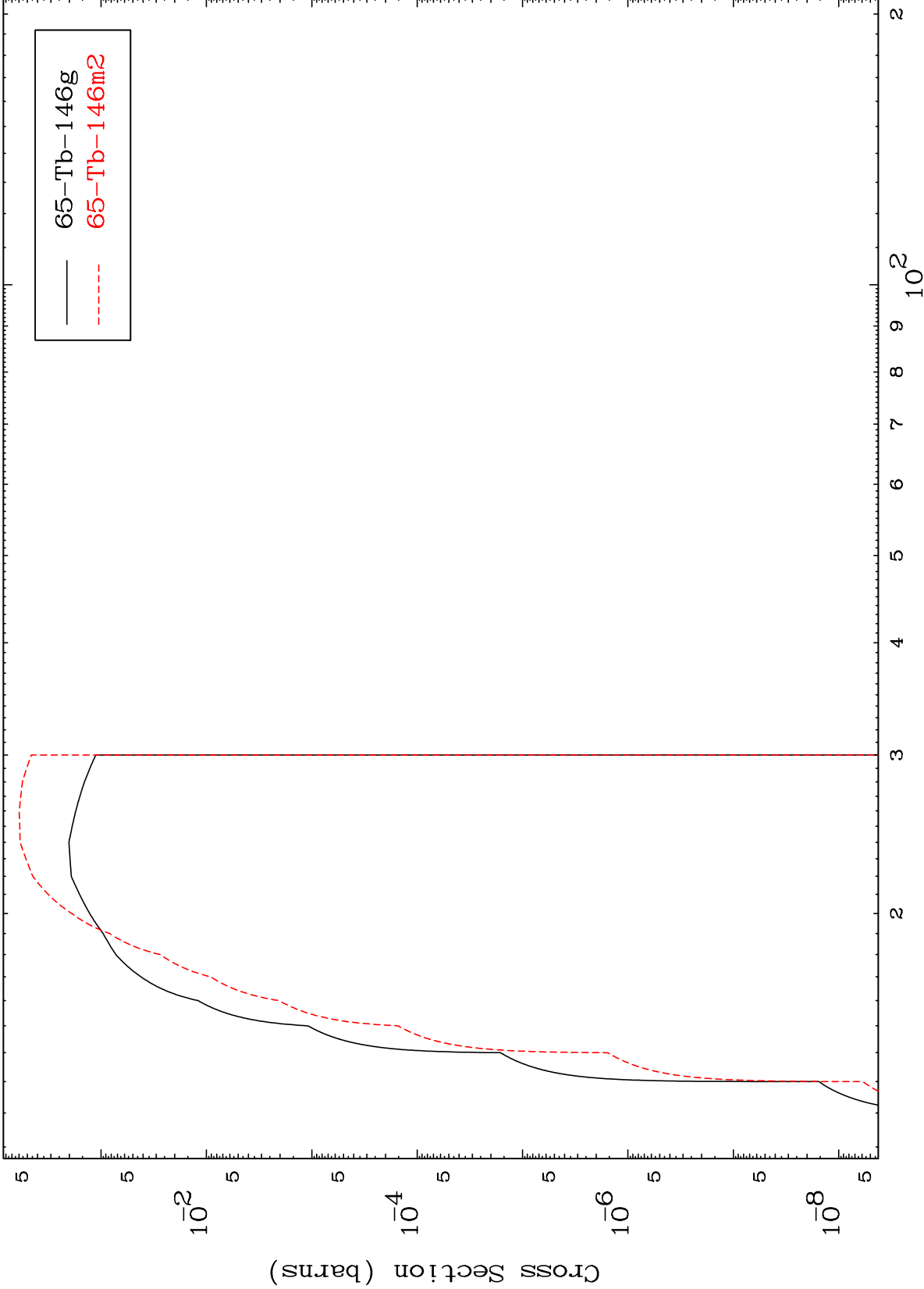
65-Tb-147

MAT 6489

(n,n') p

65-Tb-147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

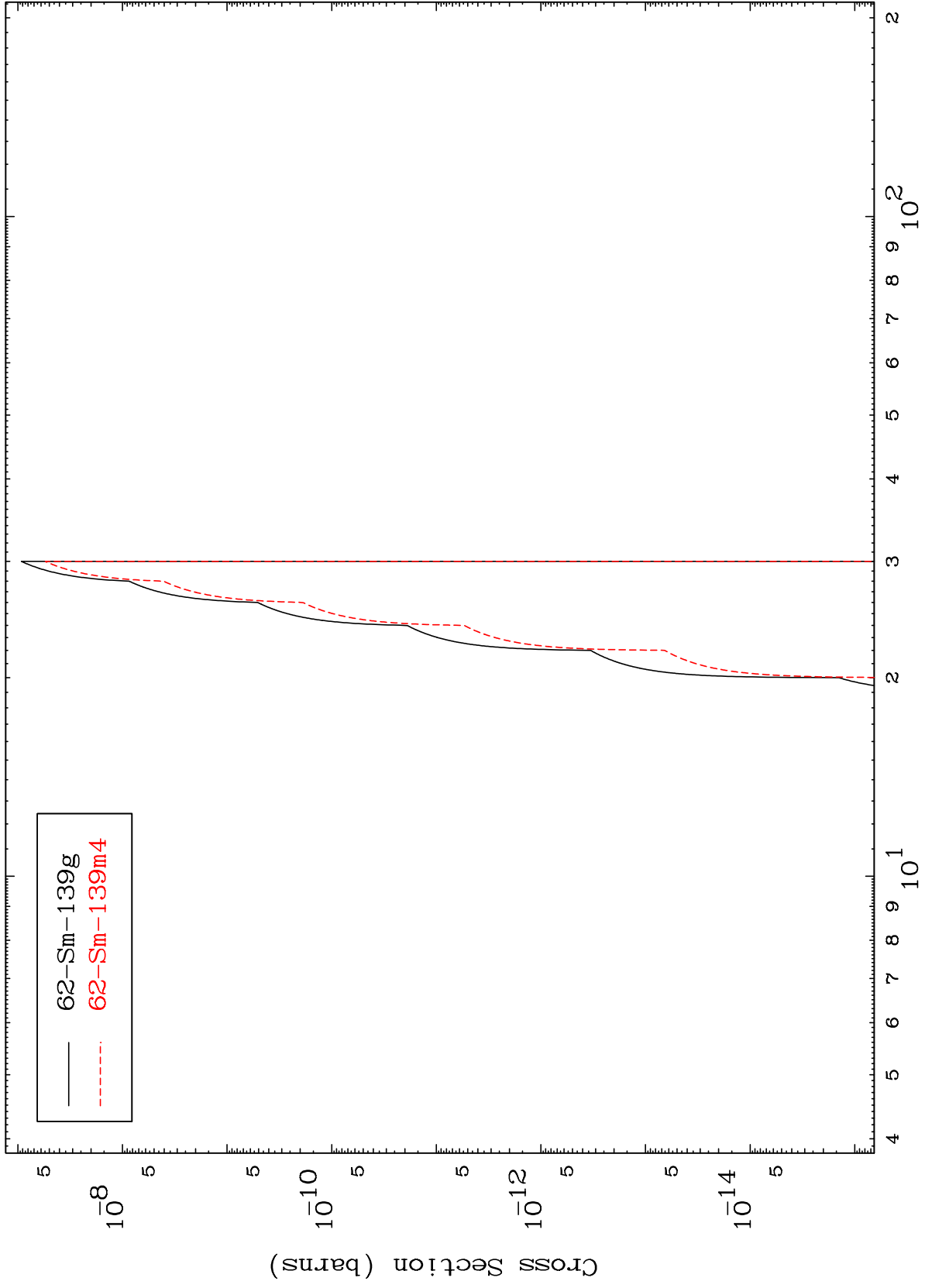
65-Tb-147

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$(n, n')$   $2\alpha$

65-Tb-147

Radionuclide Production Cross Section



62-Sm-139g  
62-Sm-139m4

15

Incident Energy (MeV)

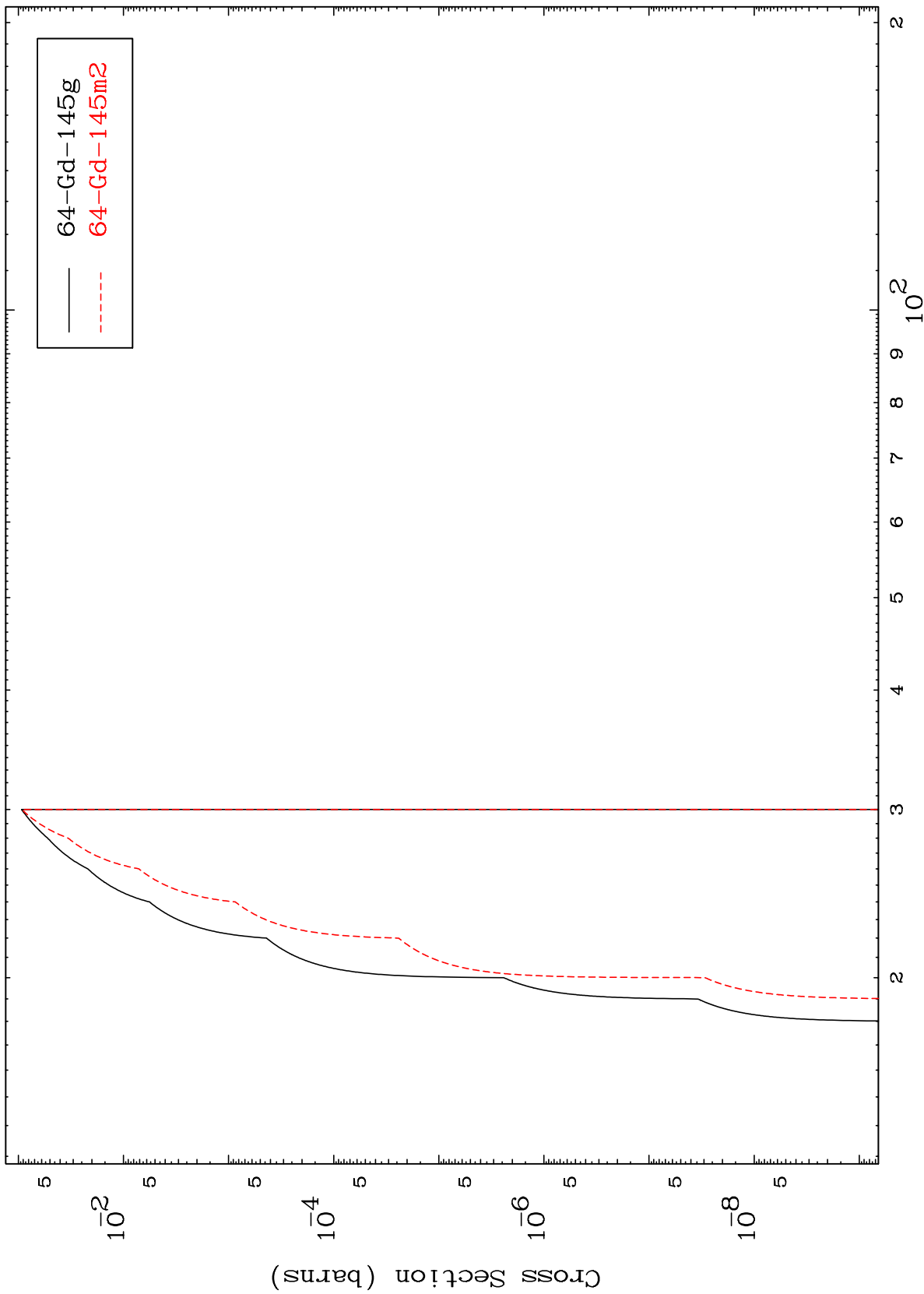
65-Tb-147

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(n,2n) p

65-Tb-147

Radionuclide Production Cross Section



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

16

Incident Energy (MeV)

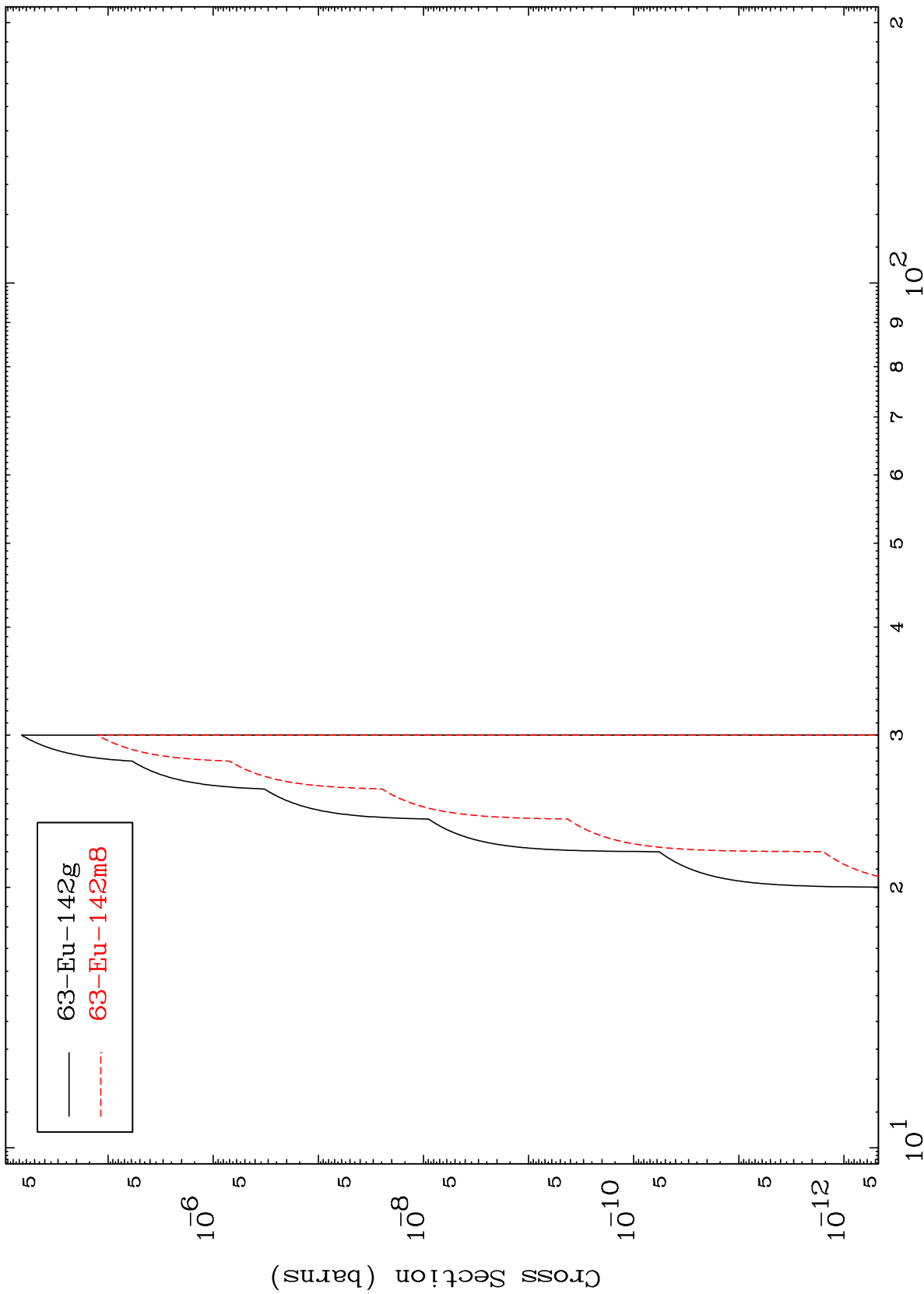
65-Tb-147

MAT 6489

(n,n') p  $\alpha$

65-Tb-147

Radionuclide Production Cross Section



Incident Energy (MeV)

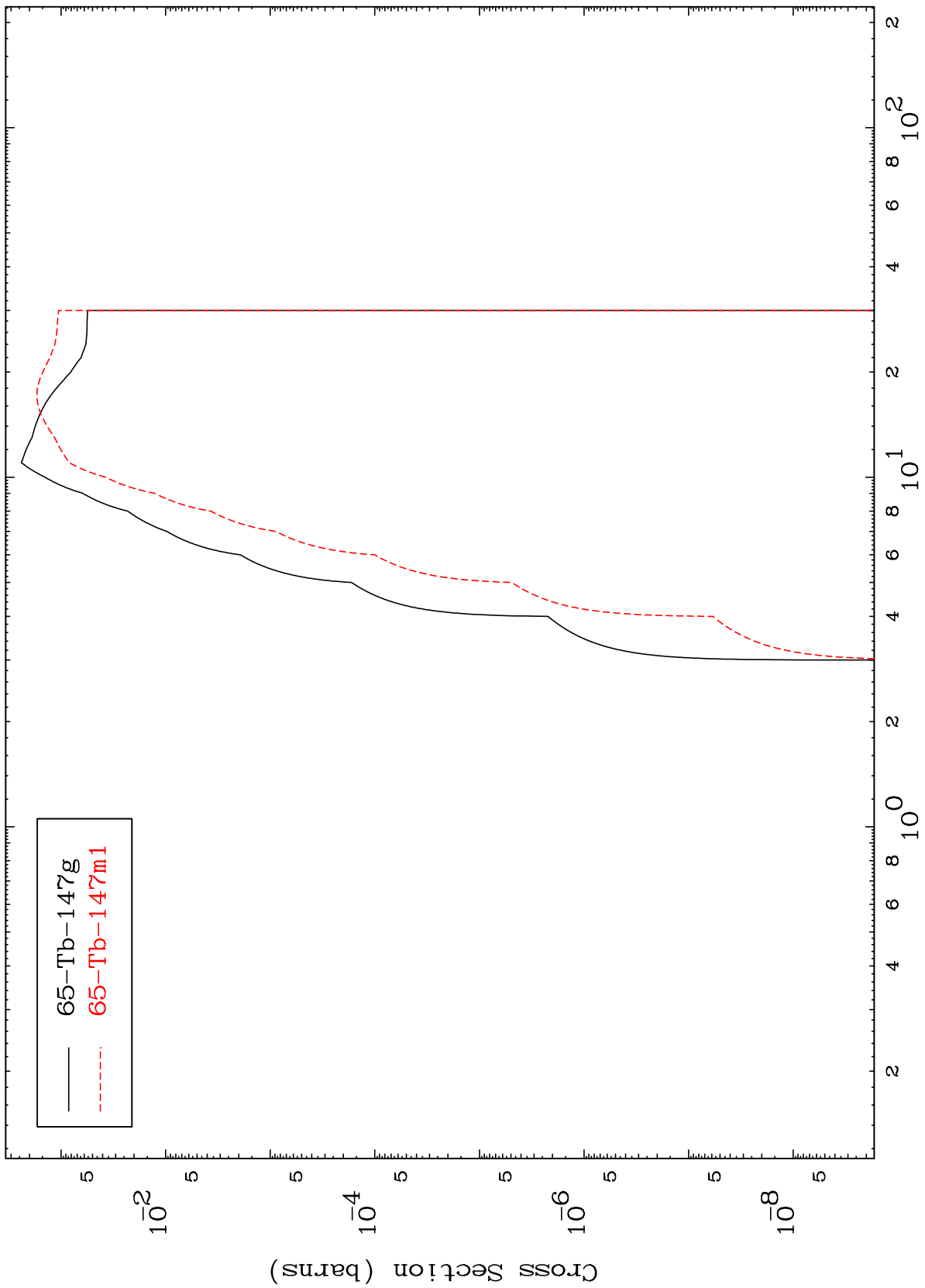
65-Tb-147

17

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<sup>65</sup>Tb-147

(n,p)  
Radionuclide Production Cross Section



<sup>65</sup>Tb-147

Incident Energy (MeV)

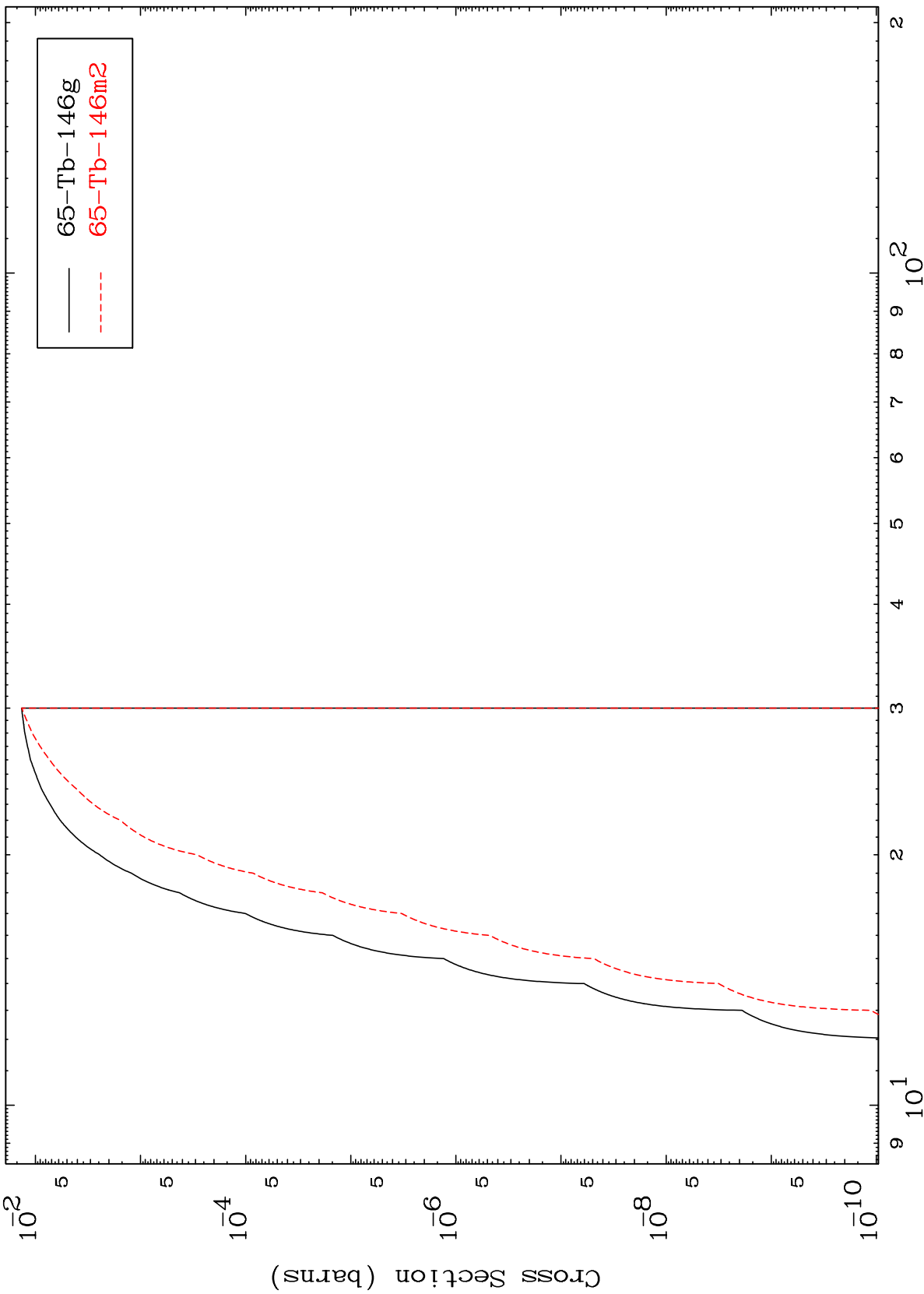
18

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(n,d)

65-Tb-147

Radionuclide Production Cross Section



65-Tb-146g  
65-Tb-146m2

19

Incident Energy (MeV)

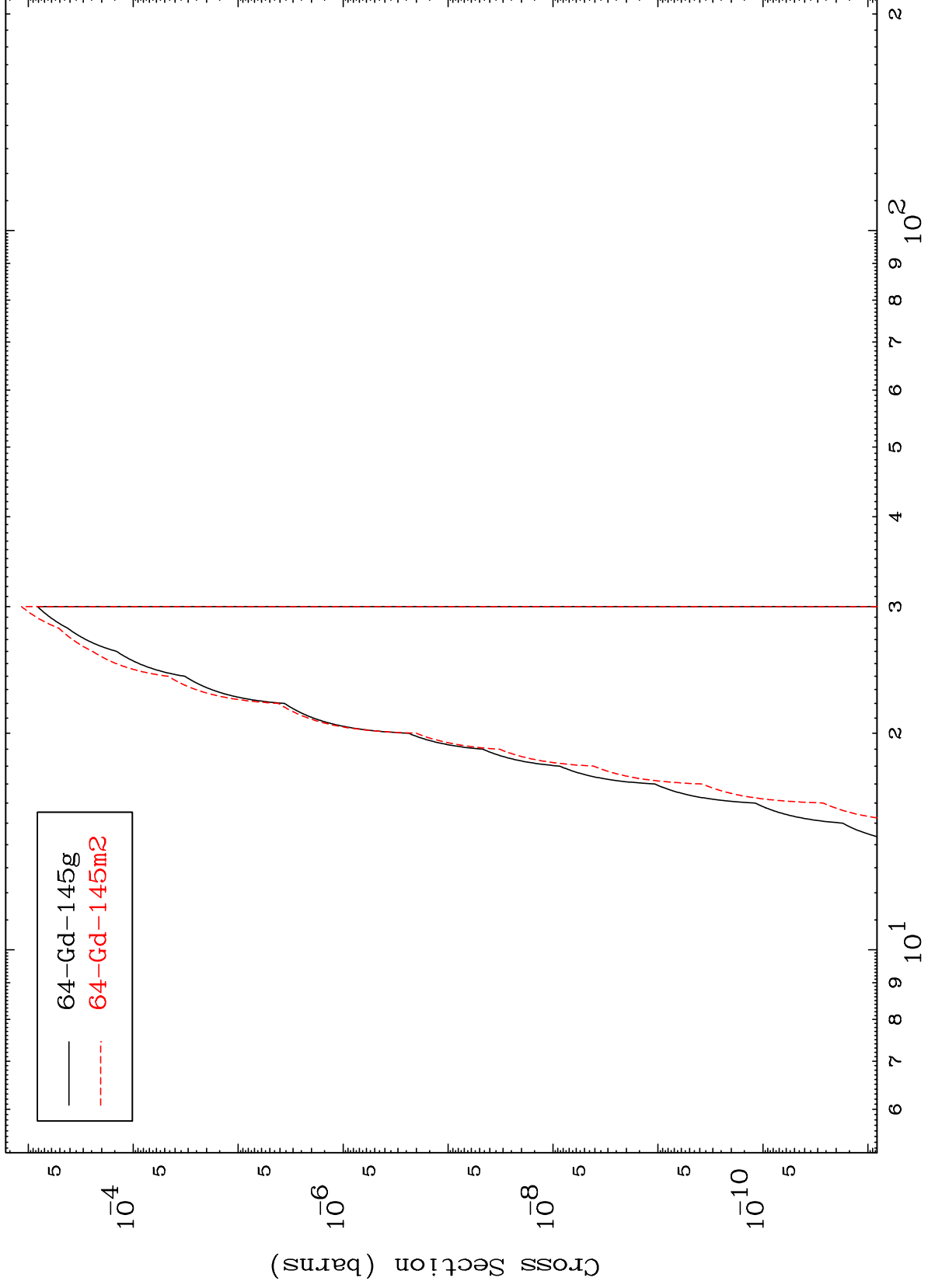
65-Tb-147

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(n,He-3)

65-Tb-147

Radionuclide Production Cross Section



20

Incident Energy (MeV)

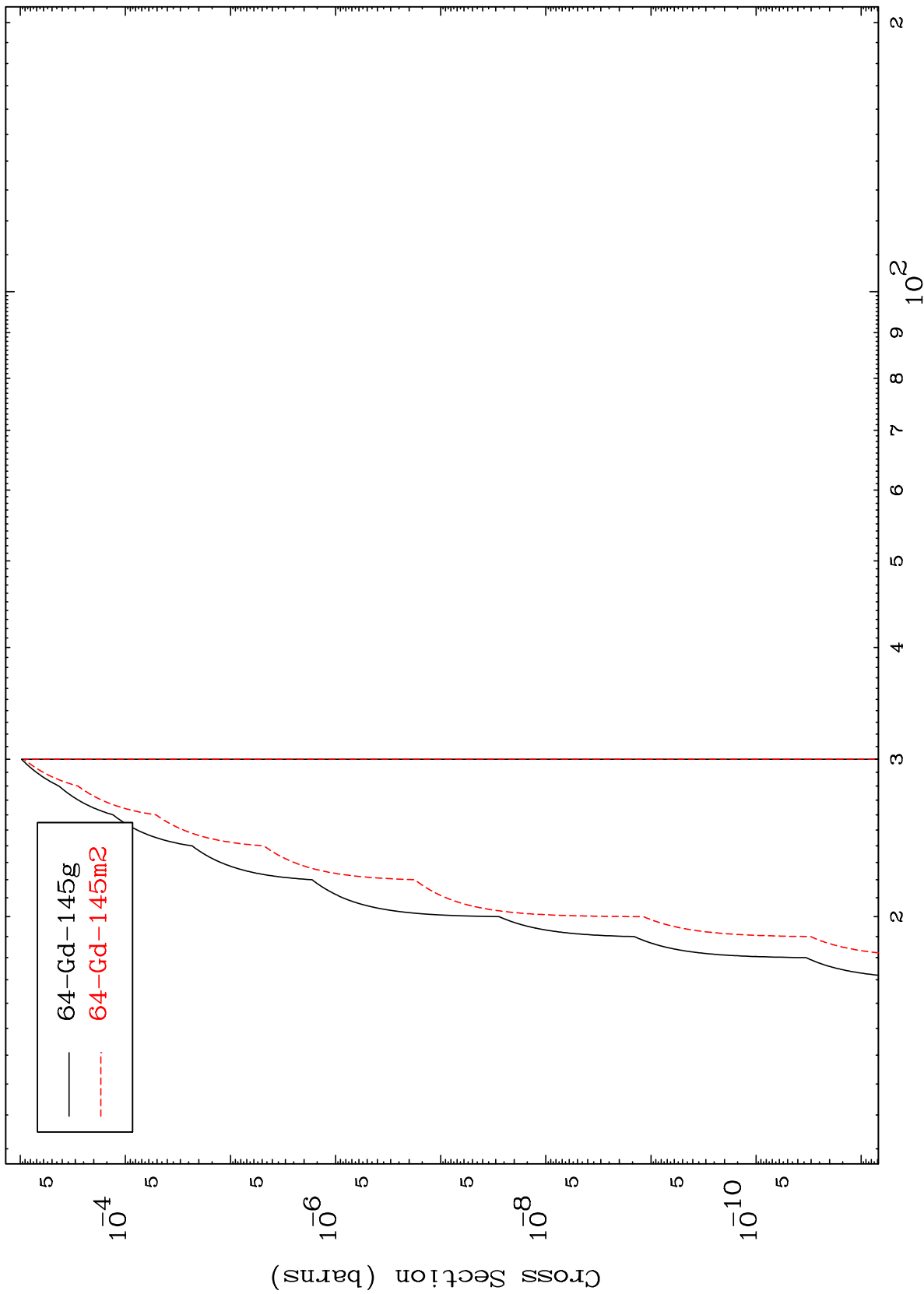
65-Tb-147

MAT 6489

(n,p) d

65-Tb-147

Radionuclide Production Cross Section

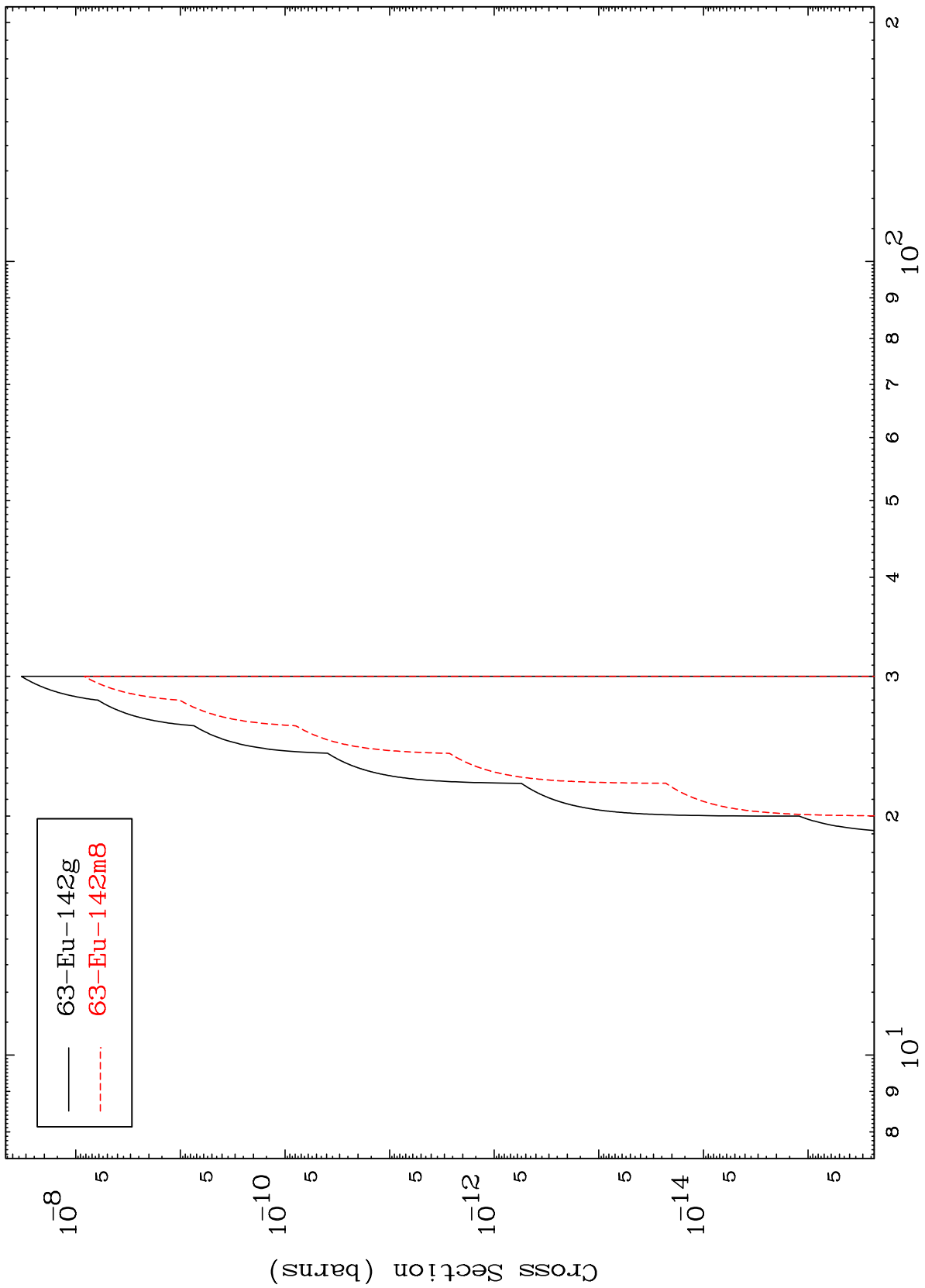


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(n,d)  $\alpha$

65-Tb-147

Radionuclide Production Cross Section



22

Incident Energy (MeV)

65-Tb-147