

Program EVALPLOT
(Version 2017-1)

by

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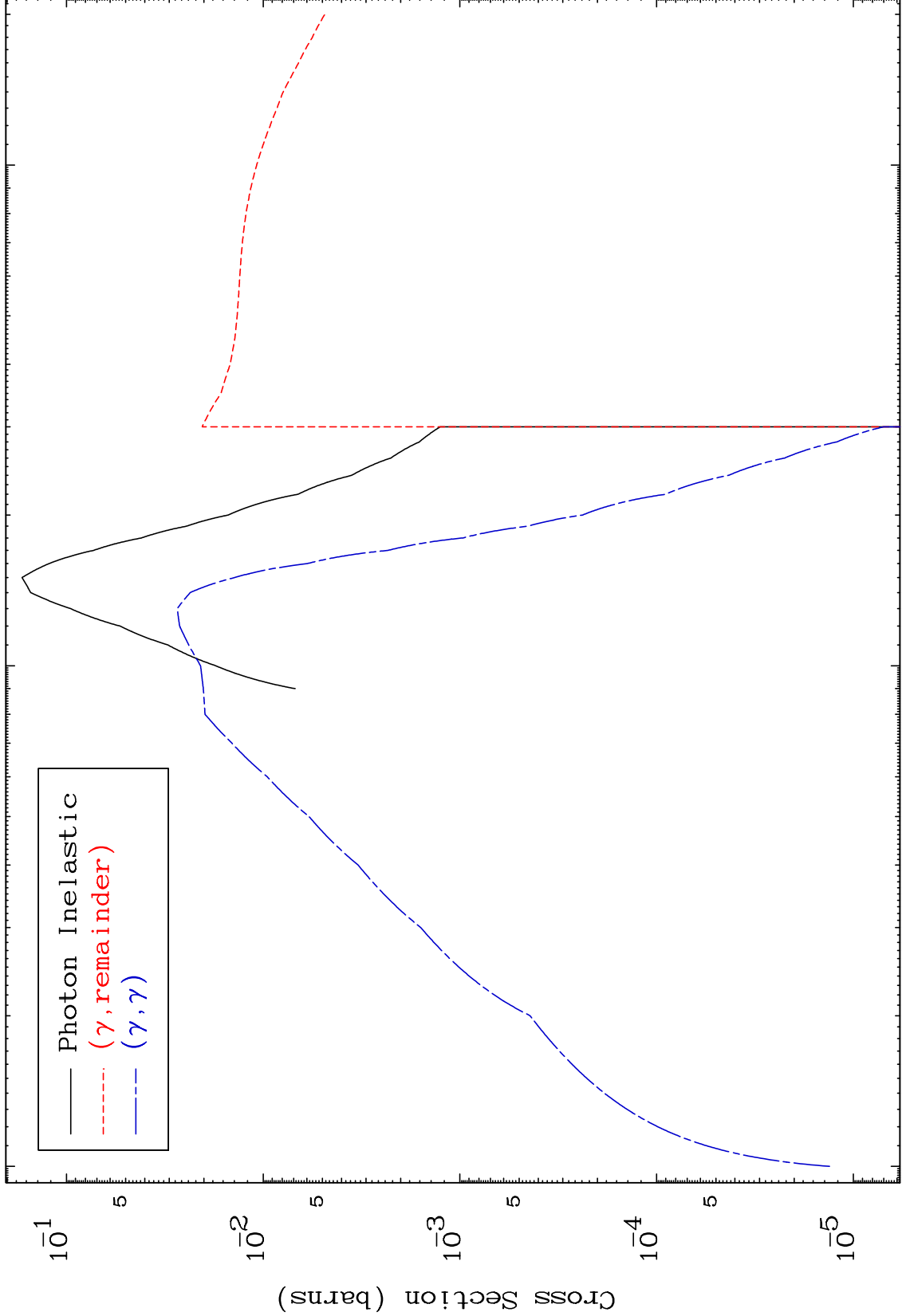
Press Mouse Button to Start

MAT 6880

Photon Major

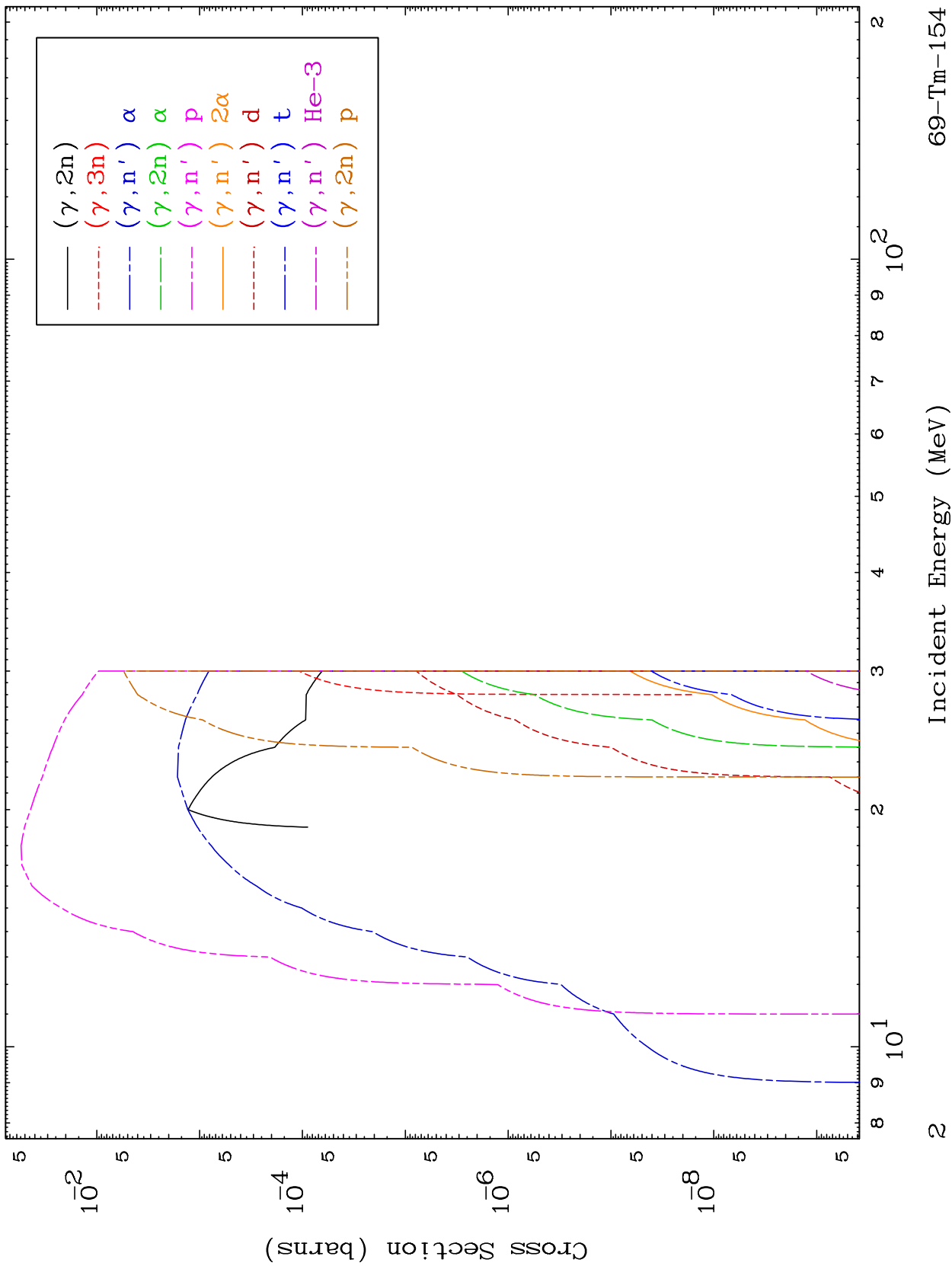
69-Tm-154

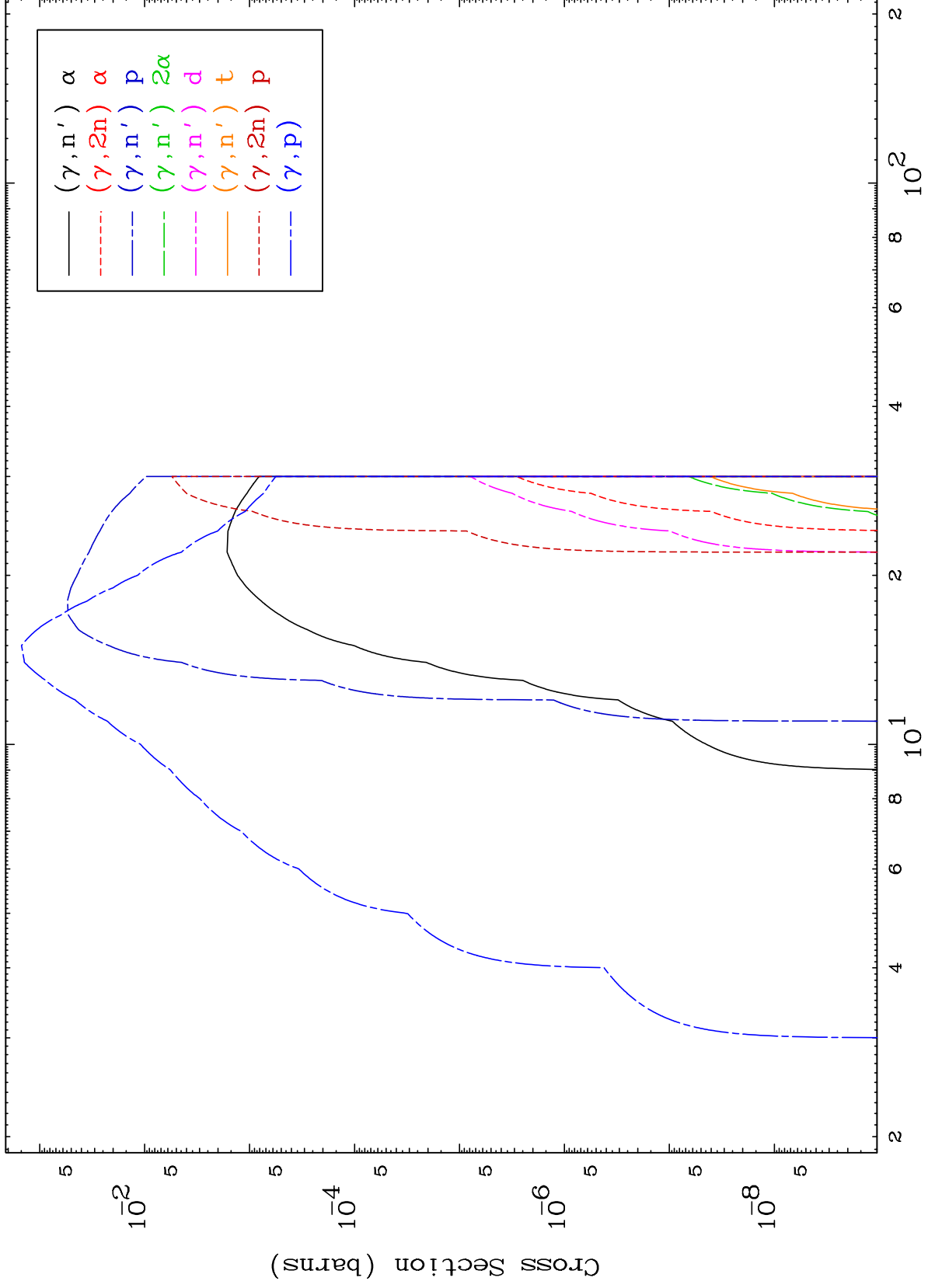
0 Kelvin Cross Sections



— Photon Inelastic
- - - (γ, remainder)
- · - (γ, γ)

10⁻¹
5
10⁻²
5
10⁻³
5
10⁻⁴
5
10⁻⁵
1
2
4
6
8
10¹
2
4
6
8
10²
2
69-Tm-154
Incident Energy (MeV)

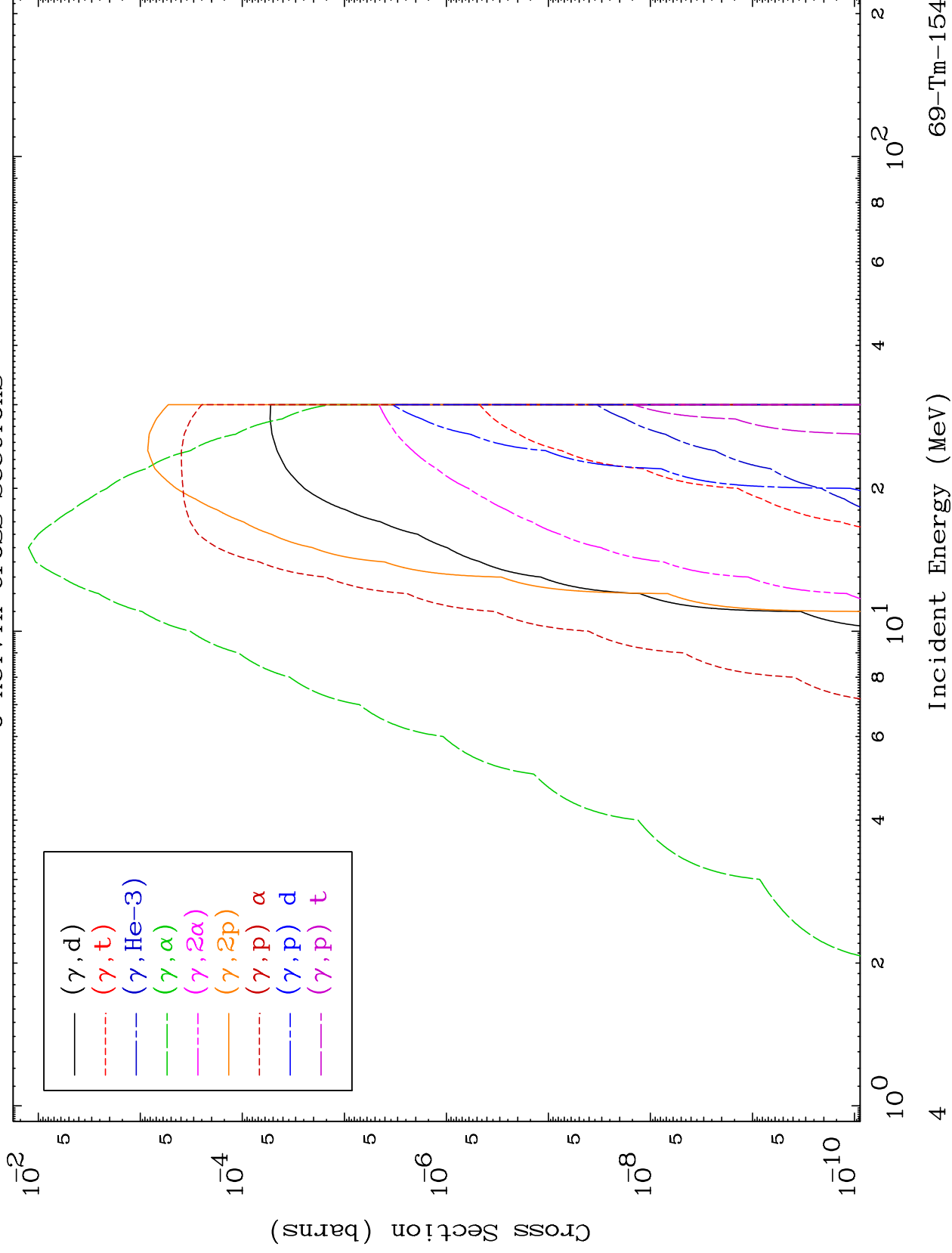




MAT 6880

Photon Charged Particle
0 Kelvin Cross Sections

69-Tm-154

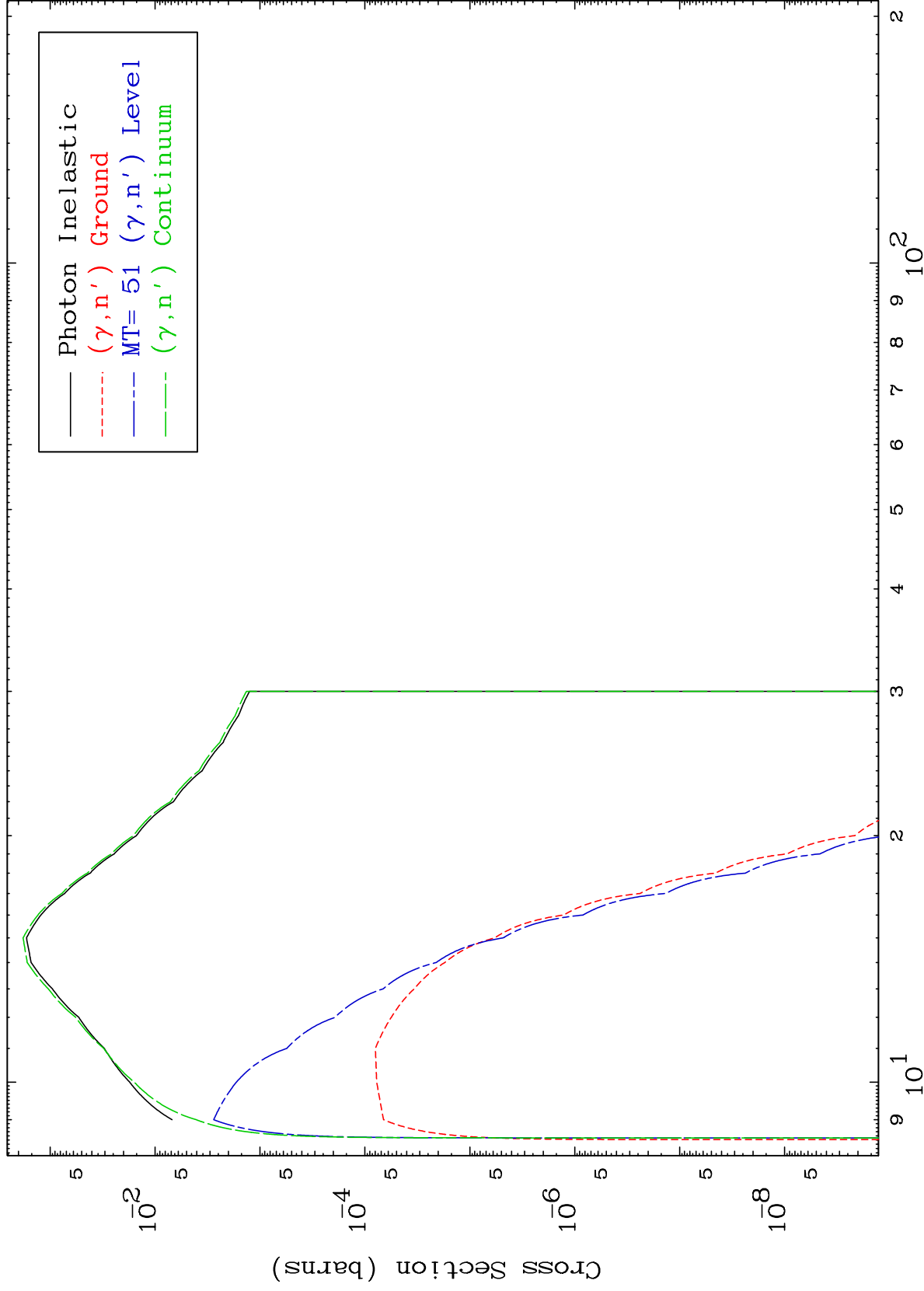


MAT 6880

(γ, n') Level

69-Tm-154

0 Kelvin Cross Sections



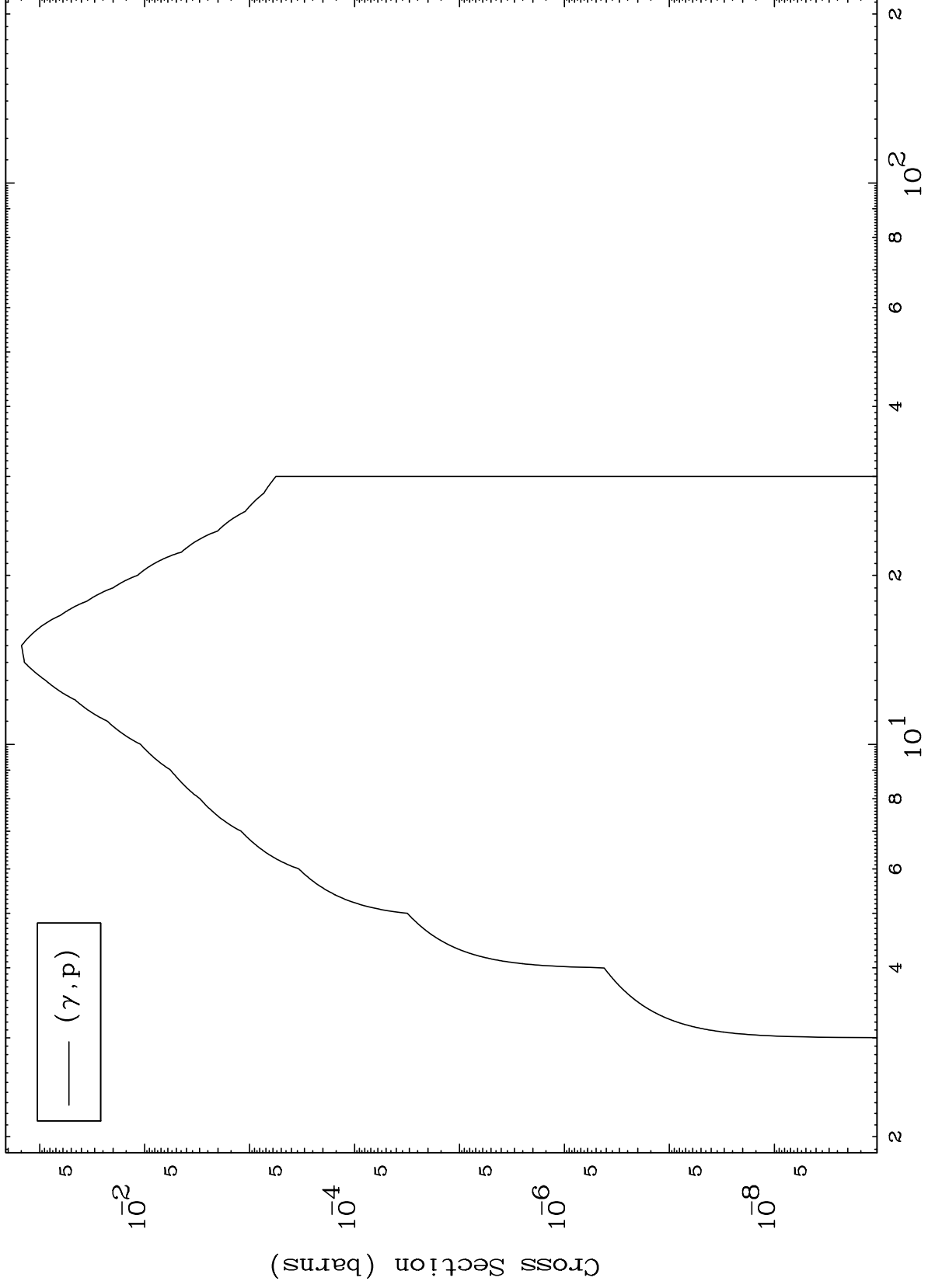
Incident Energy (MeV)

69-Tm-154

MAT 6880

(γ, p) Levels
0 Kelvin Cross Sections

69-Tm-154



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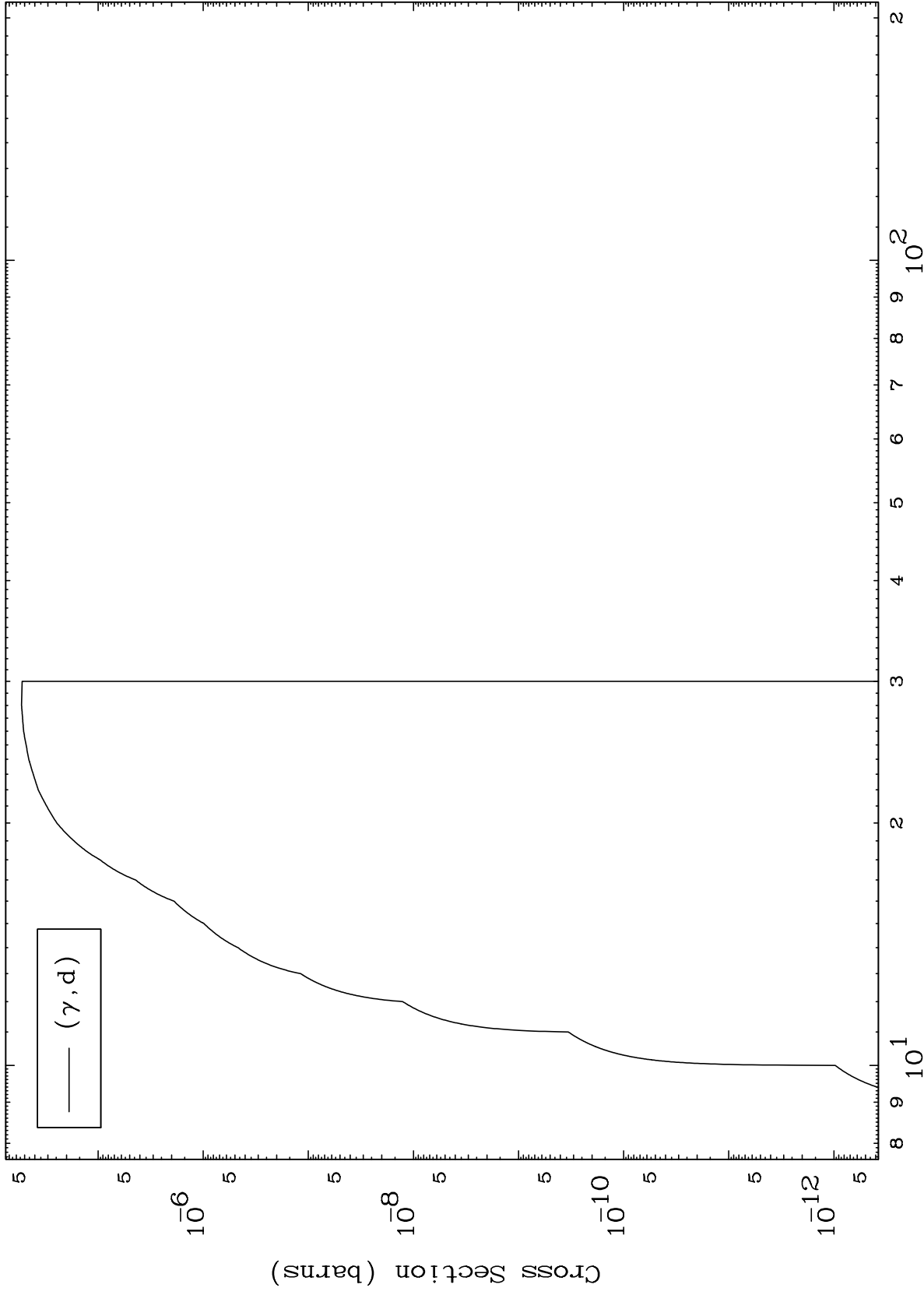
Incident Energy (MeV)

69-Tm-154

MAT 6880

(γ, d) Levels
0 Kelvin Cross Sections

69-Tm-154



Incident Energy (MeV)

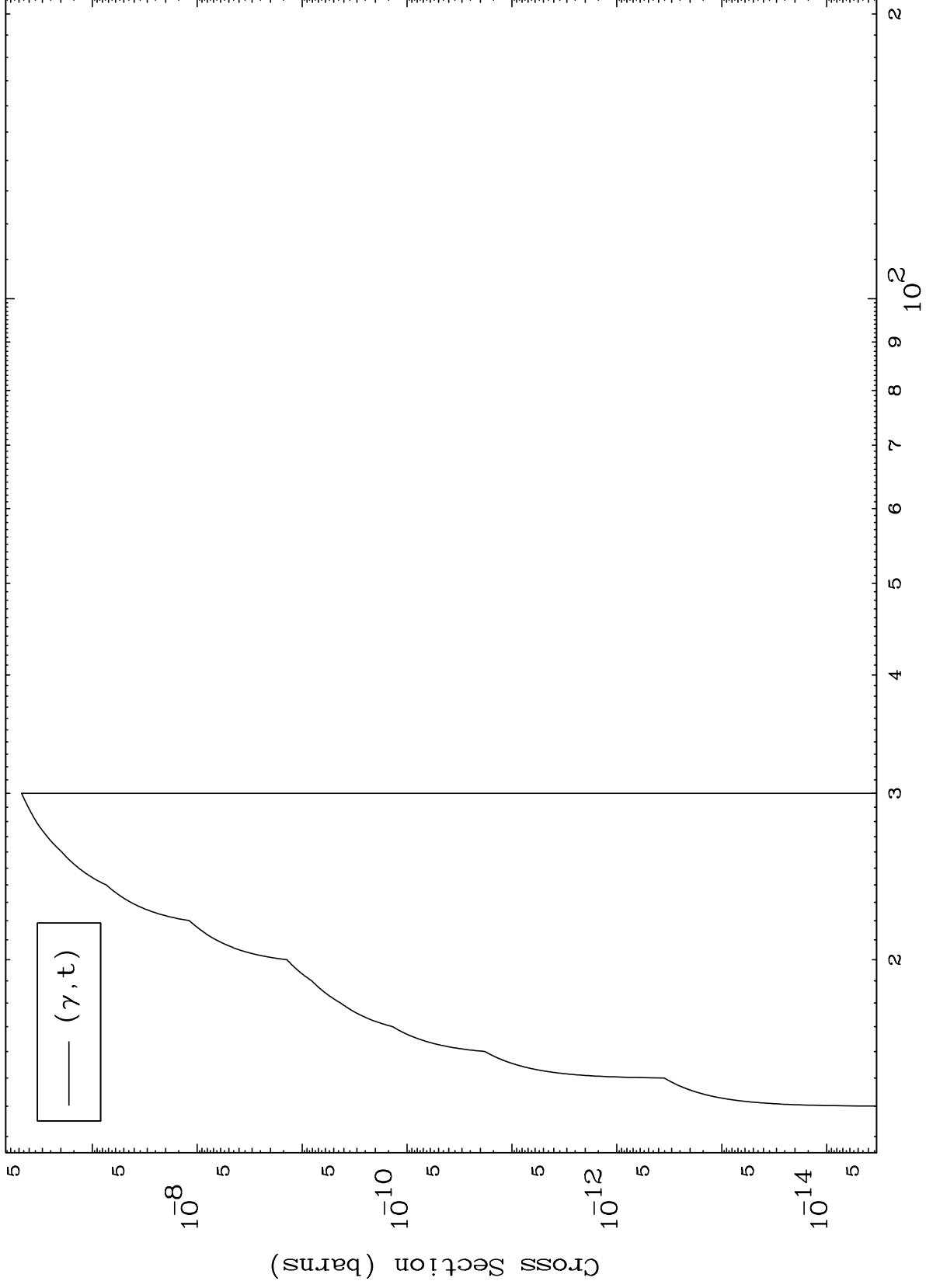
69-Tm-154

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MAT 6880

(γ, t) Levels
0 Kelvin Cross Sections

69-Tm-154



8

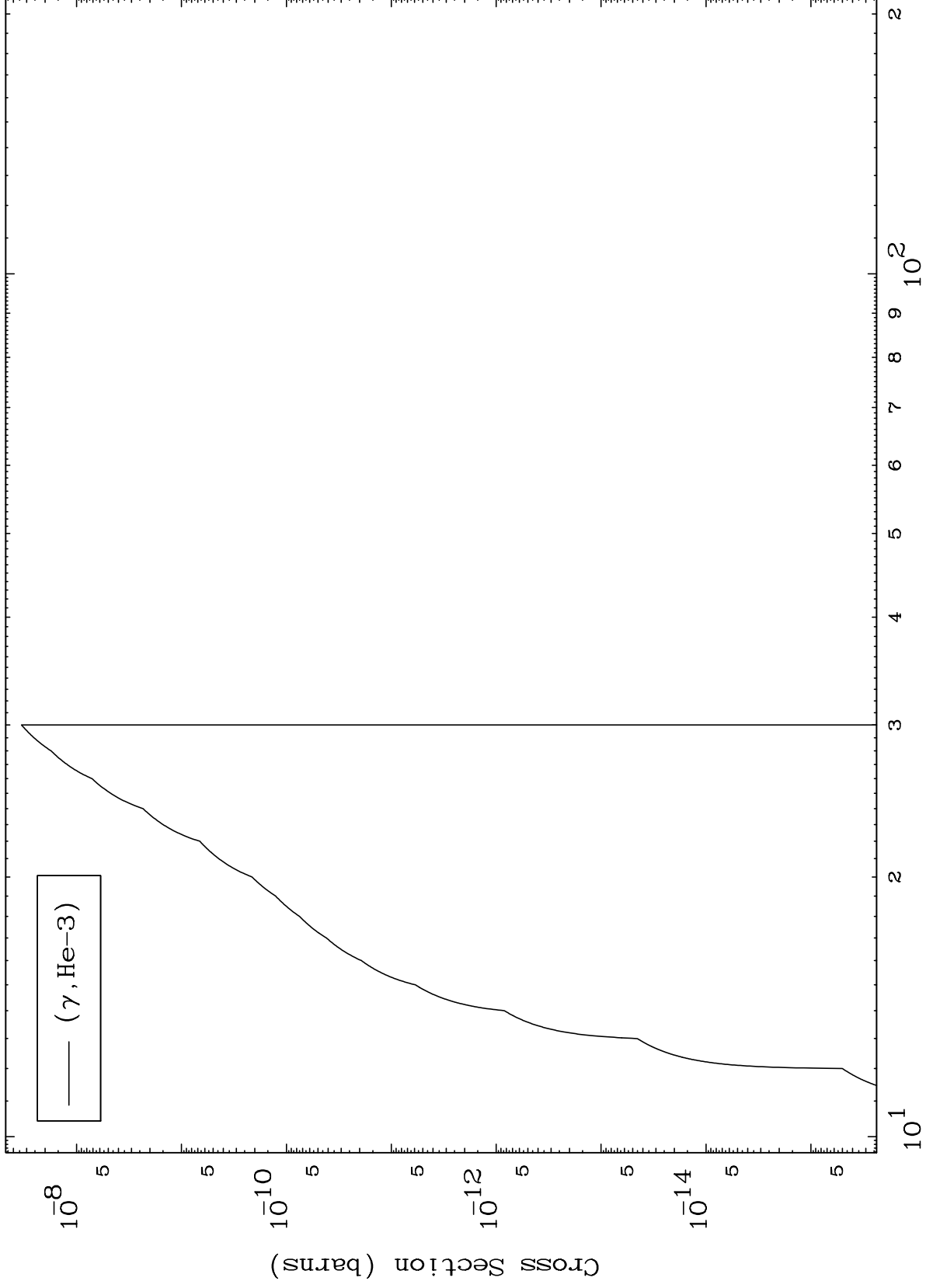
Incident Energy (MeV)

69-Tm-154

MAT 6880

(γ ,He3) Levels
0 Kelvin Cross Sections

69-Tm-154



Incident Energy (MeV)

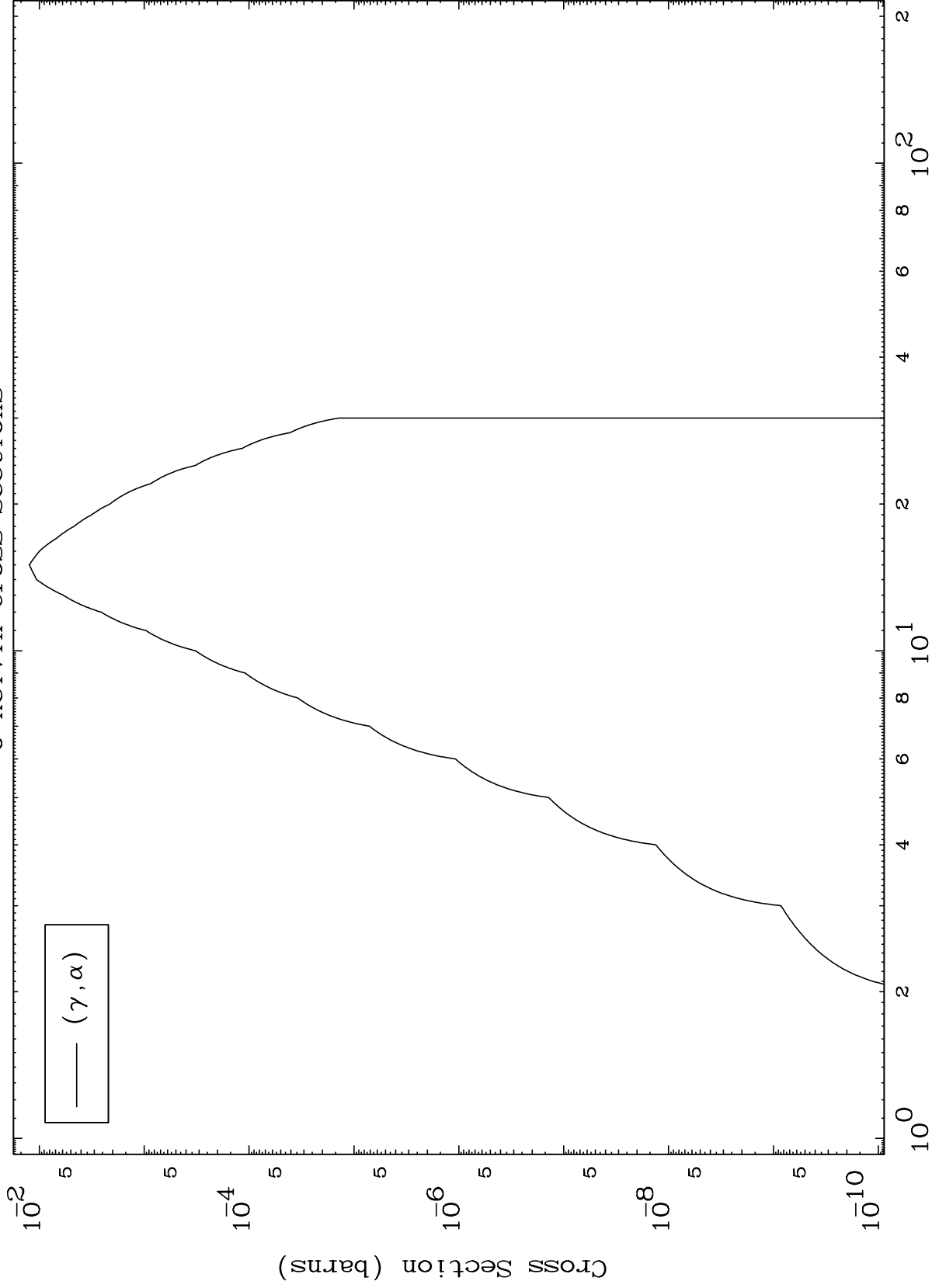
69-Tm-154

MAT 6880

(γ, α) Levels

69-Tm-154

0 Kelvin Cross Sections



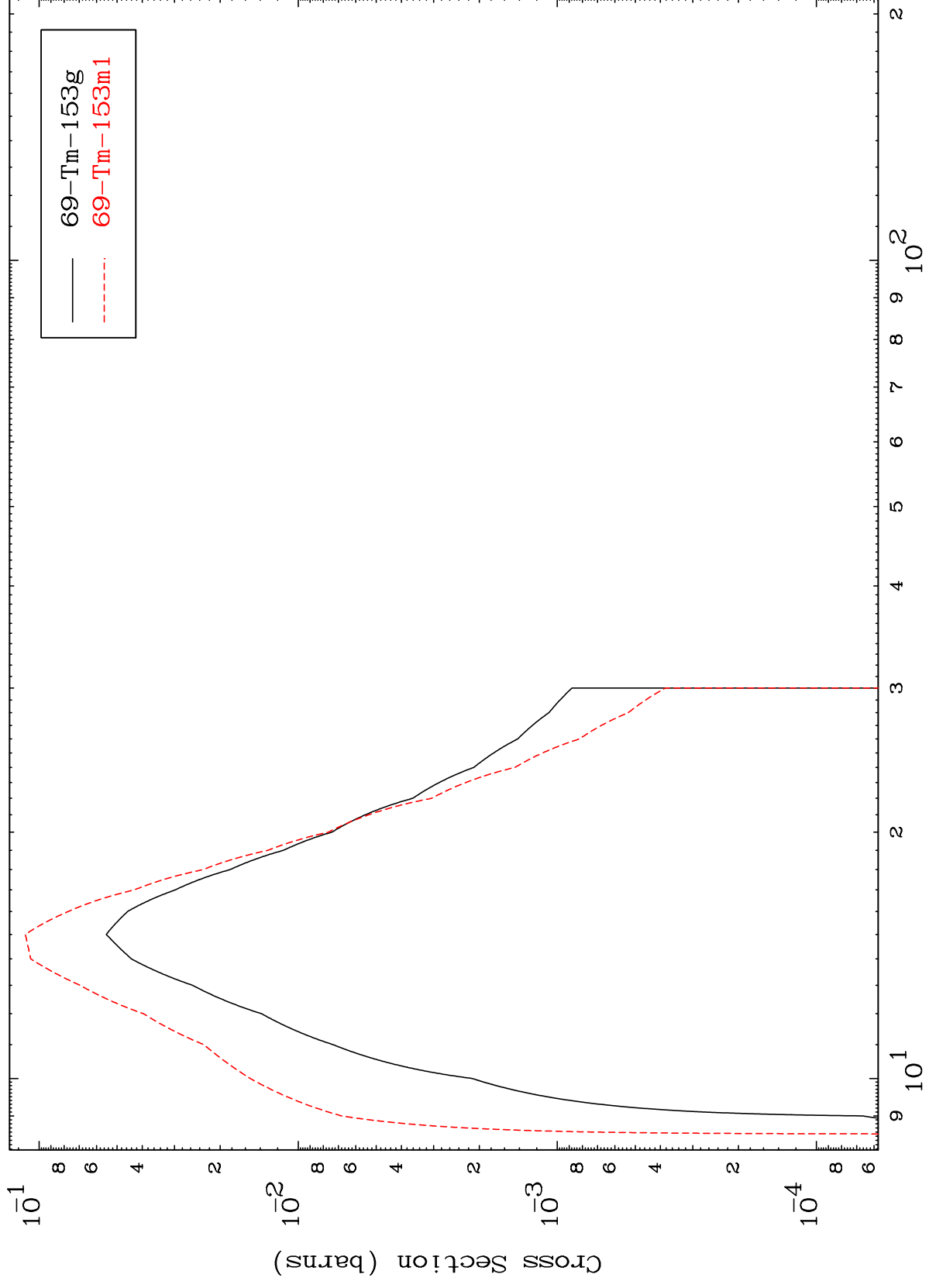
Incident Energy (MeV)

69-Tm-154

MAT 6880

Photon Inelastic
Radionuclide Production Cross Section

69-Tm-154



69-Tm-153g
69-Tm-153m1

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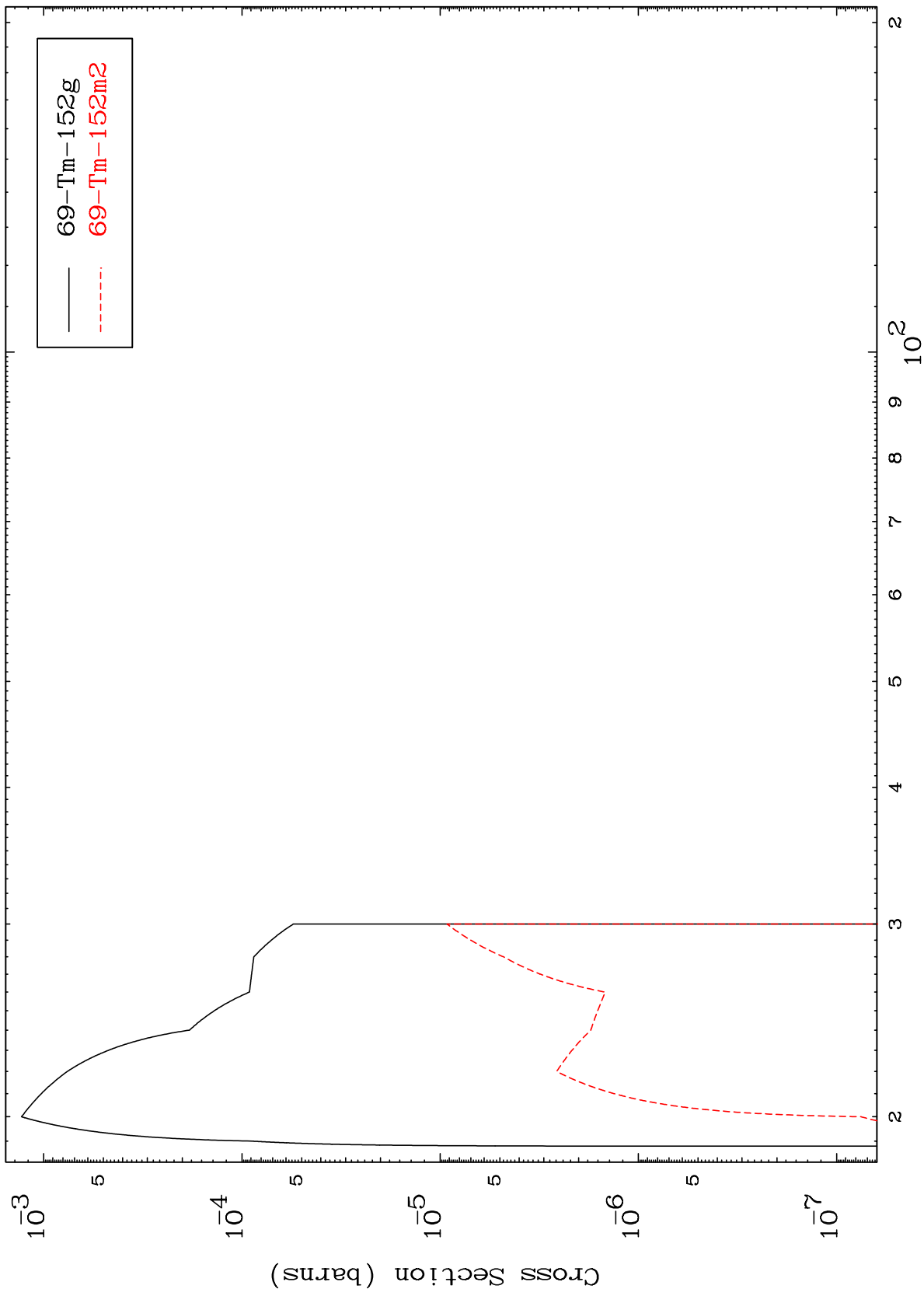
Incident Energy (MeV)

69-Tm-154

MAT 6880

69-Tm-154

Radionuclide Production Cross Section
($\gamma, 2n$)



12

Incident Energy (MeV)

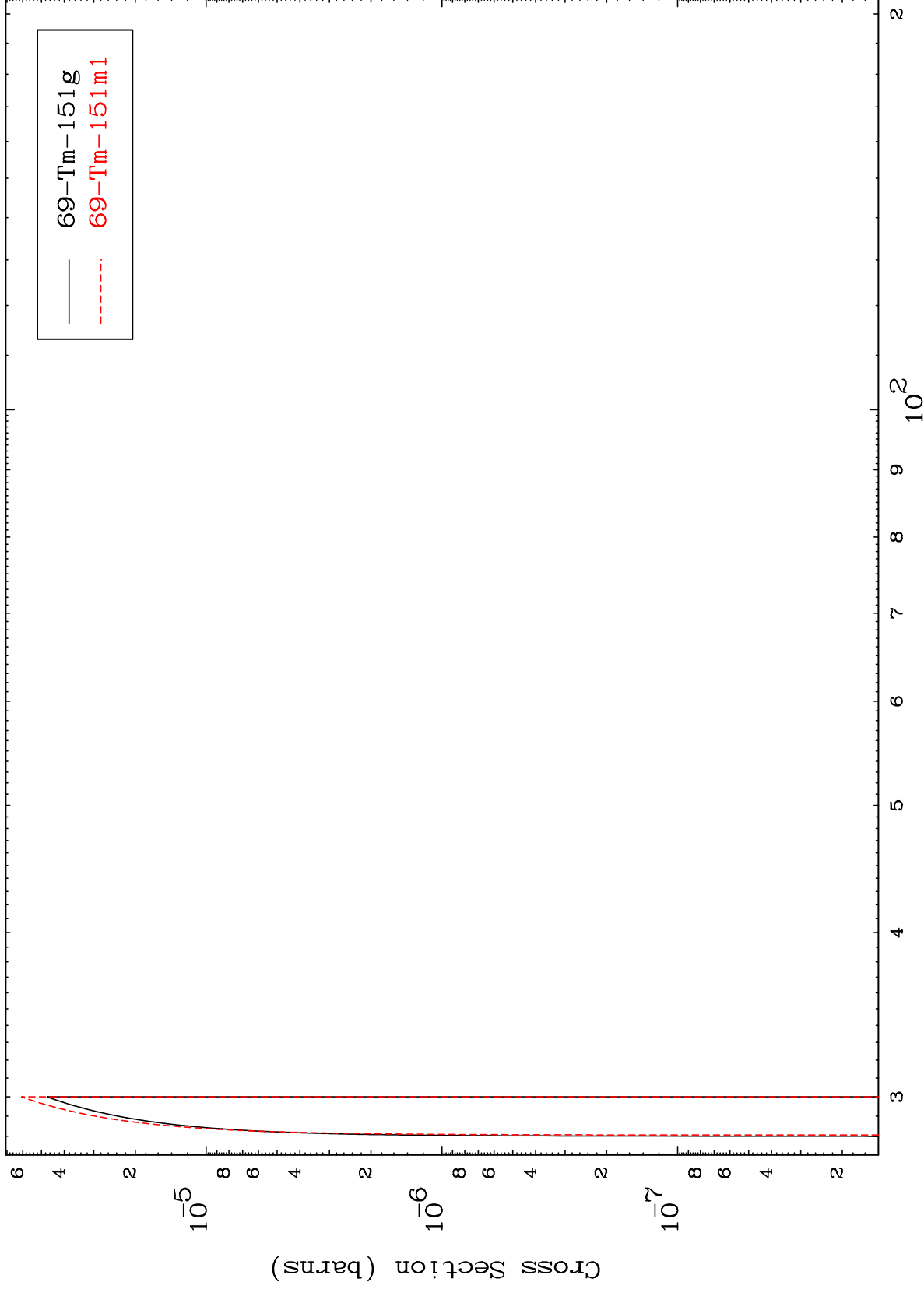
69-Tm-154

MAT 6880

($\gamma, 3n$)

$^{69}\text{Tm}-154$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

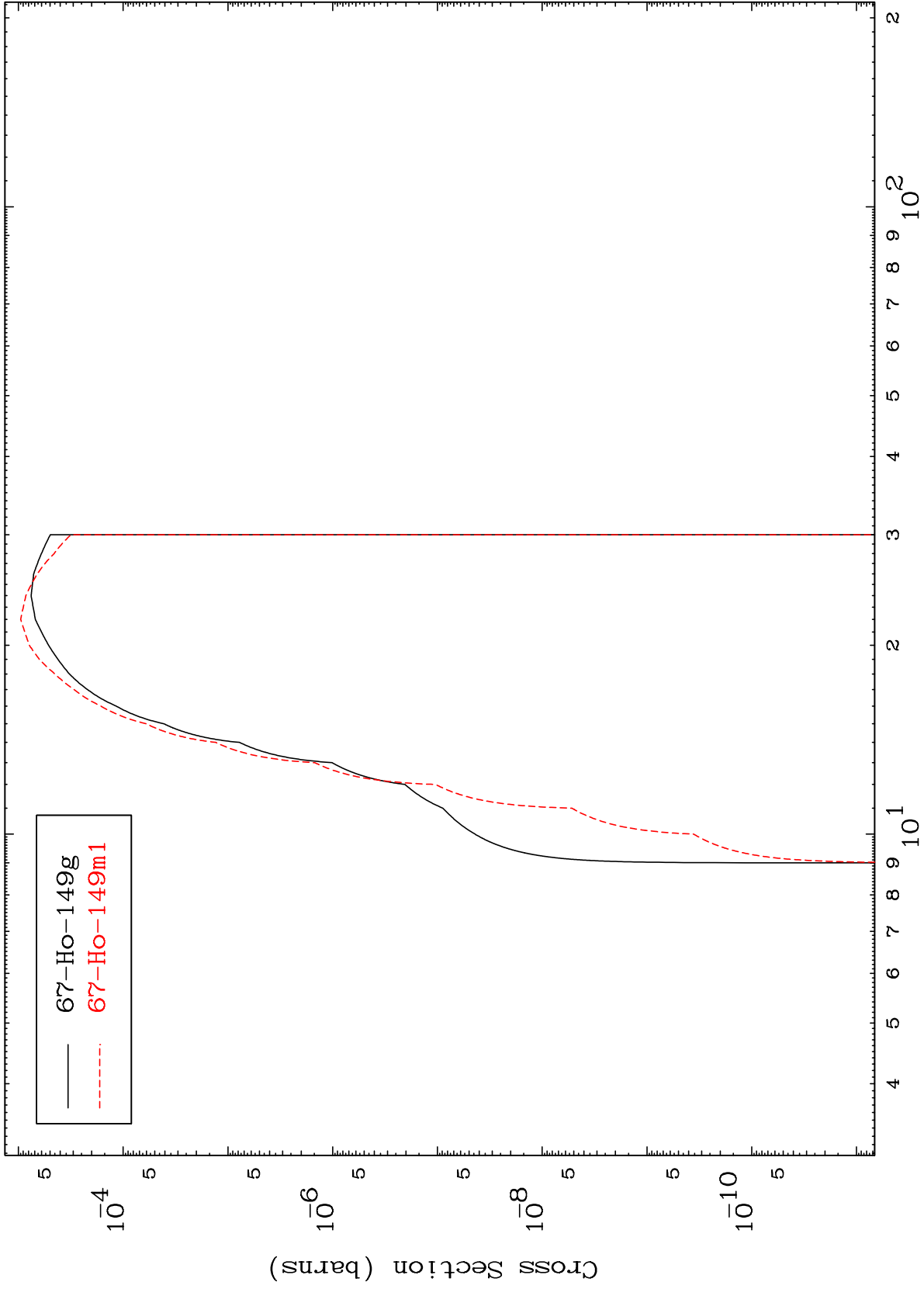
$^{69}\text{Tm}-154$

MAT 6880

69-Tm-154

(γ, n') α

Radionuclide Production Cross Section



14

Incident Energy (MeV)

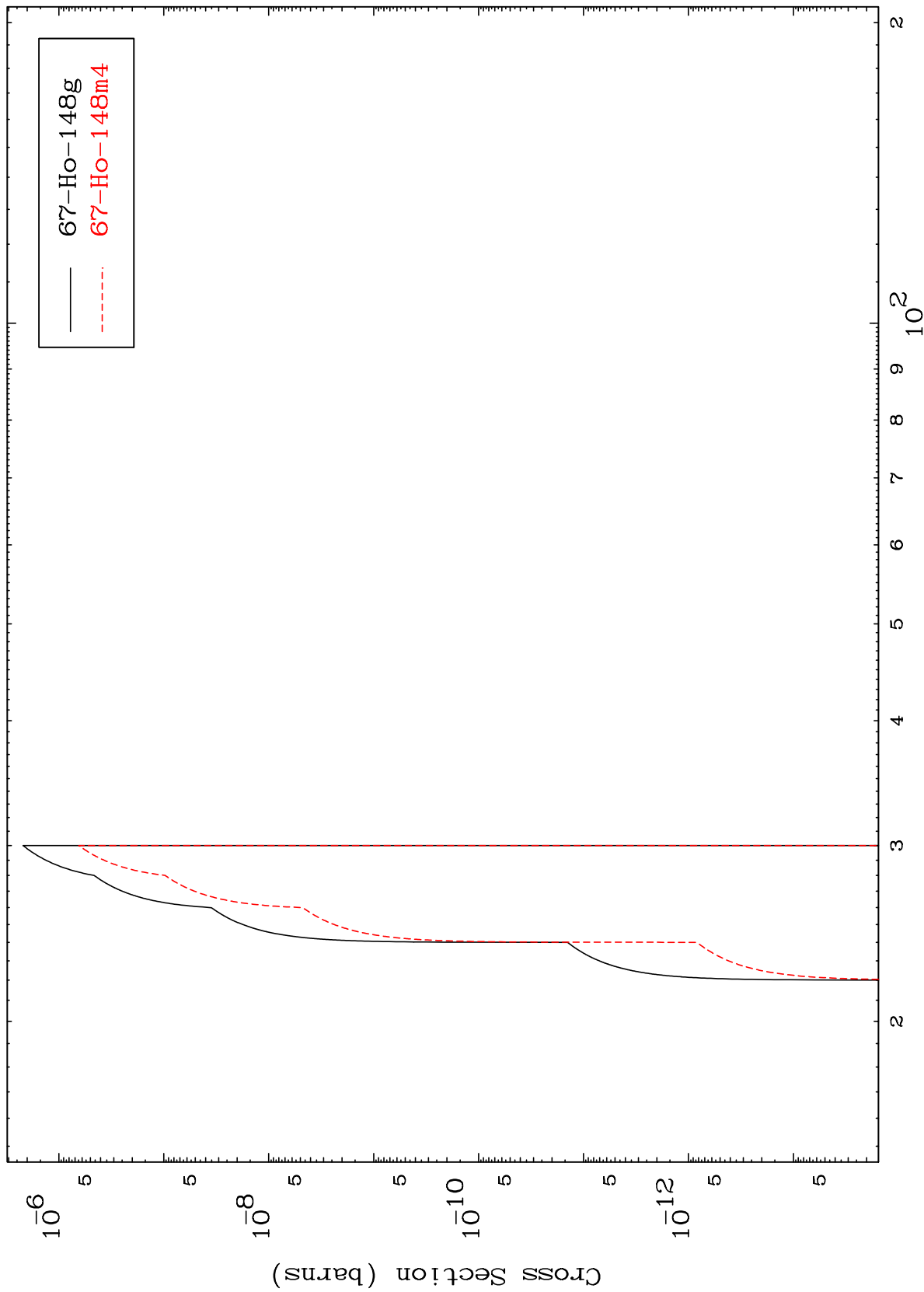
69-Tm-154

MAT 6880

$(\gamma, 2n) \alpha$

69-Tm-154

Radionuclide Production Cross Section



15

Incident Energy (MeV)

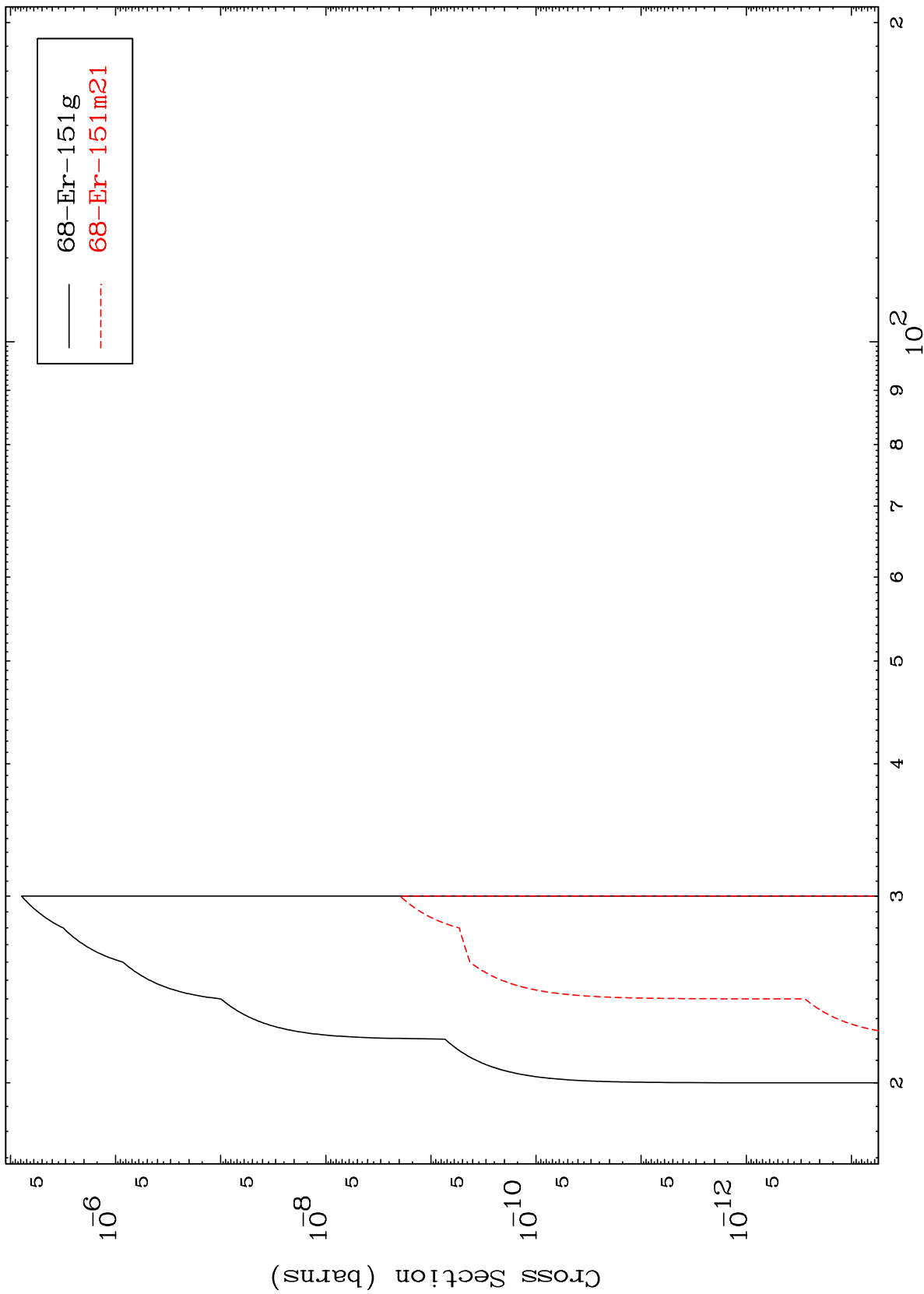
69-Tm-154

MAT 6880

(γ, n') d

69-Tm-154

Radionuclide Production Cross Section

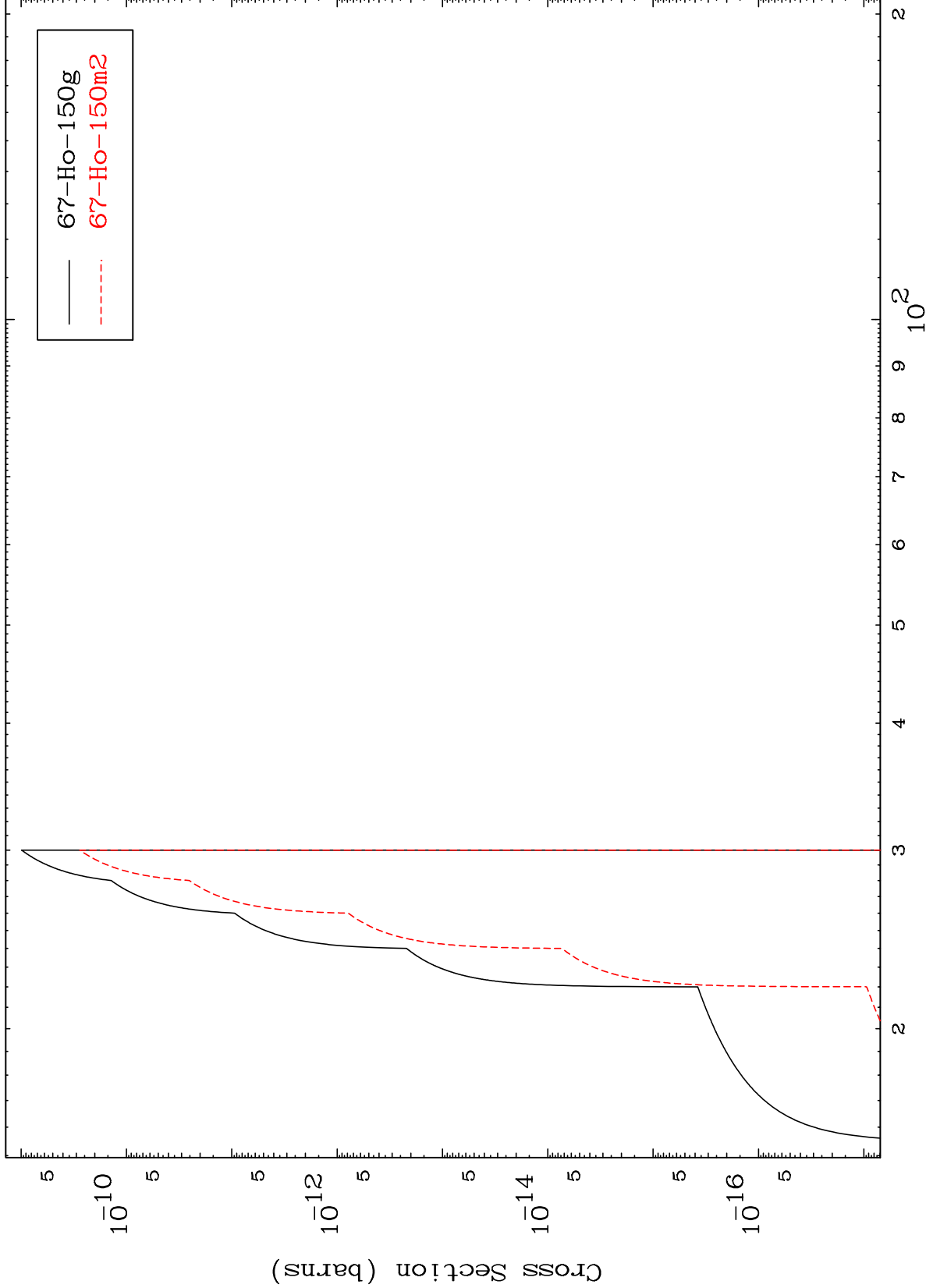


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Incident Energy (MeV)

69-Tm-154

Radionuclide Production Cross Section

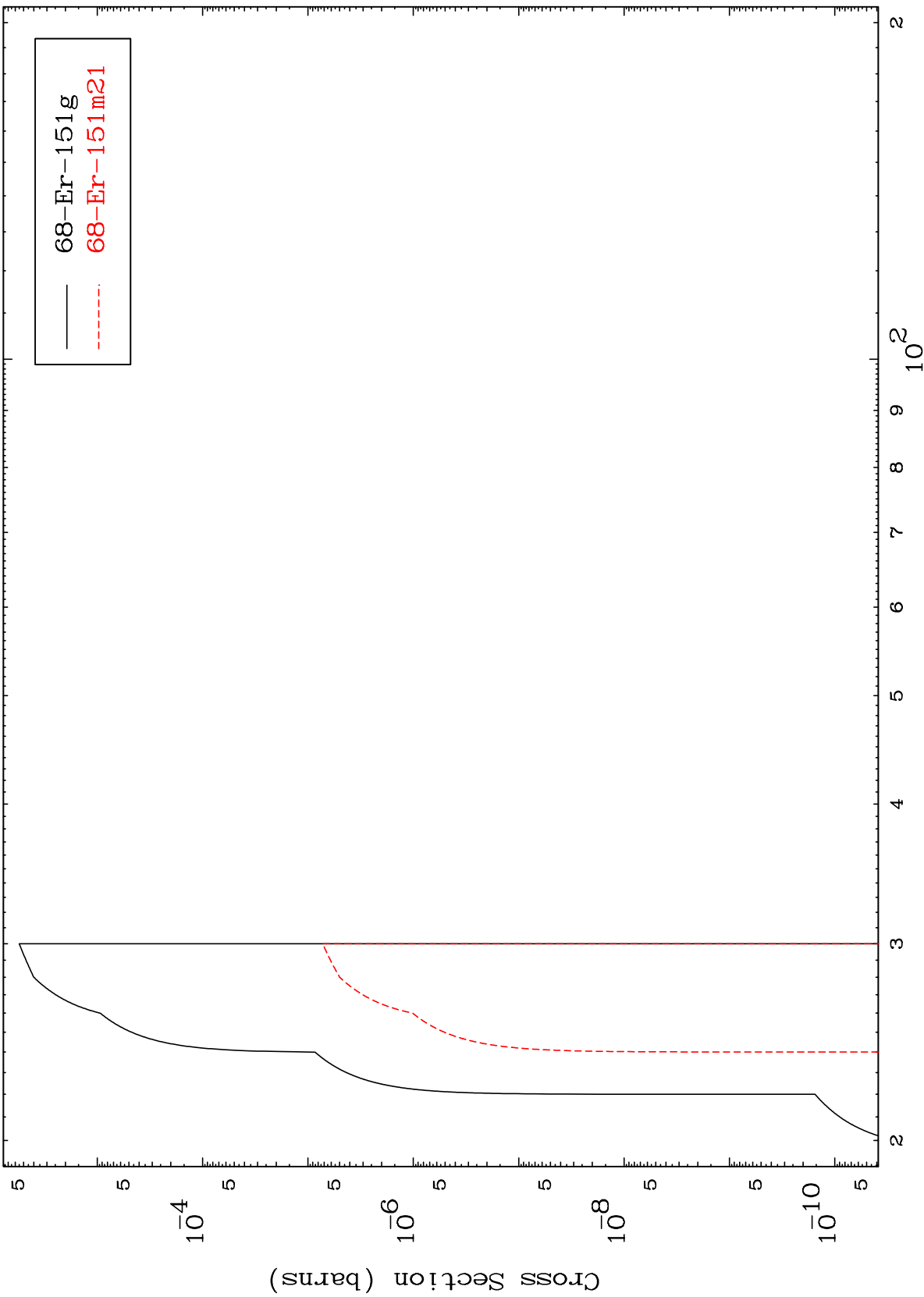


MAT 6880

($\gamma, 2n$) p

69-Tm-154

Radionuclide Production Cross Section



18

Incident Energy (MeV)

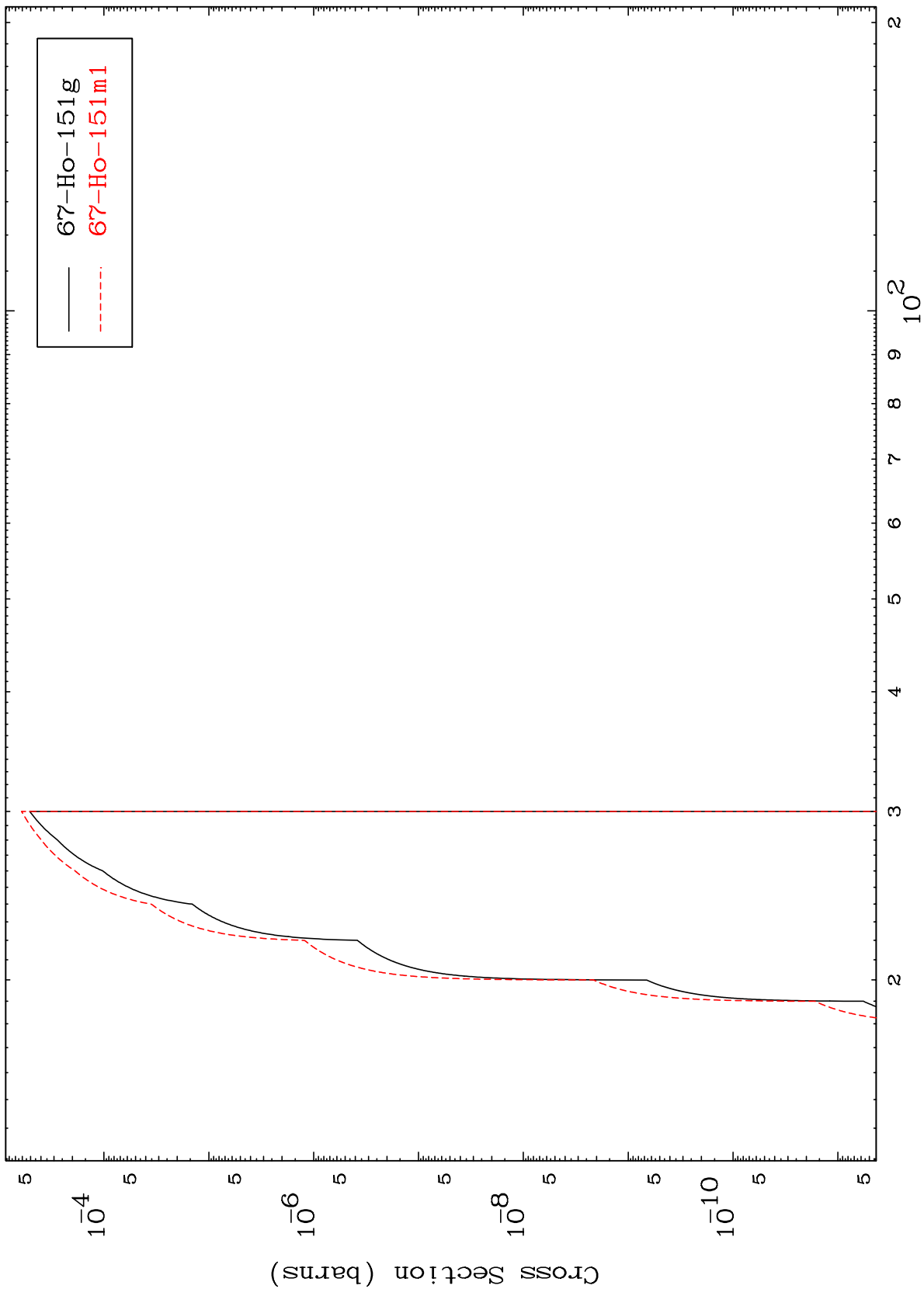
69-Tm-154

MAT 6880

$(\gamma, 2n)$ p

69-Tm-154

Radionuclide Production Cross Section



19

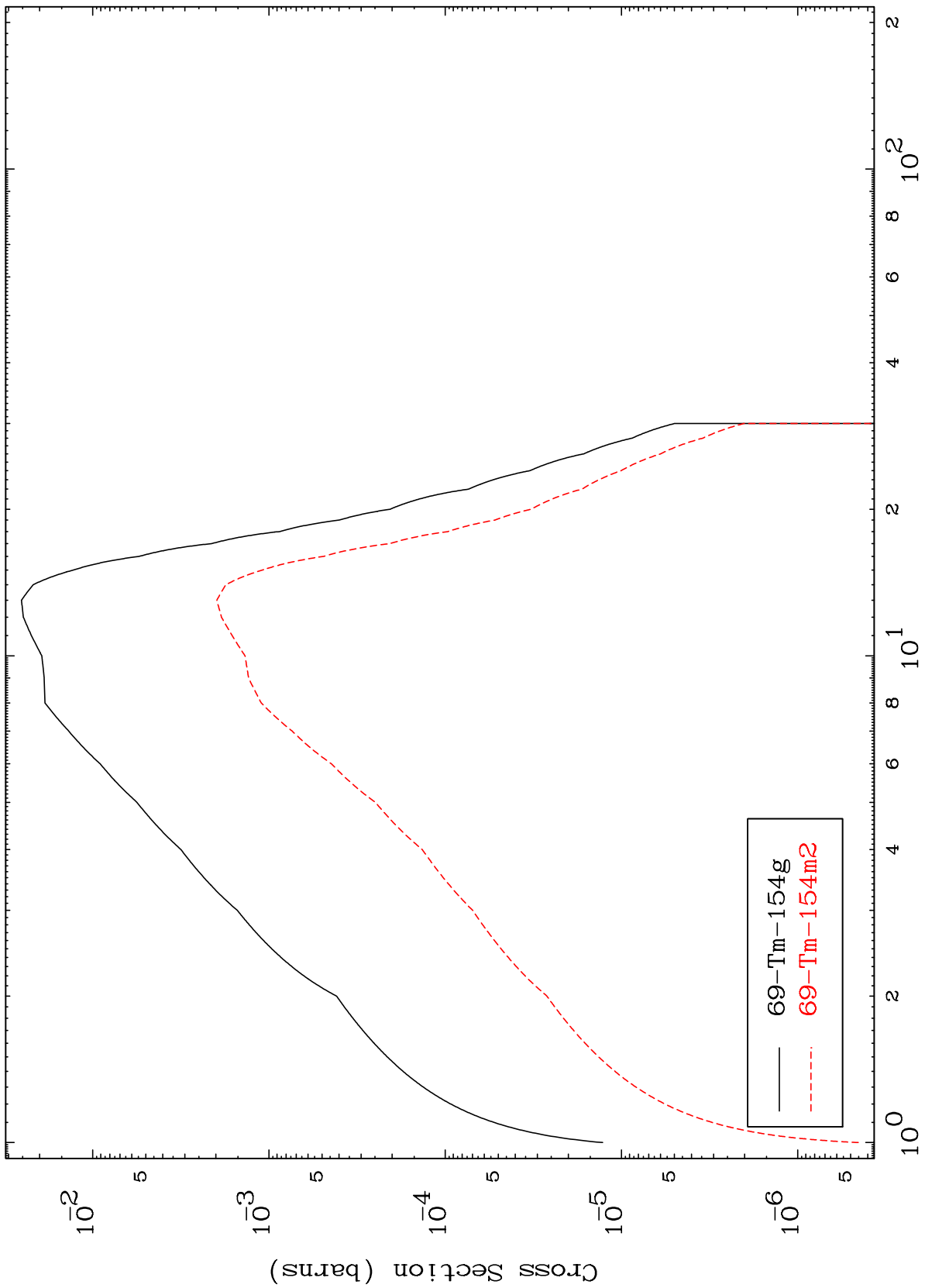
Incident Energy (MeV)

69-Tm-154

MAT 6880

69-Tm-154

Radionuclide Production Cross Section
(γ, γ)

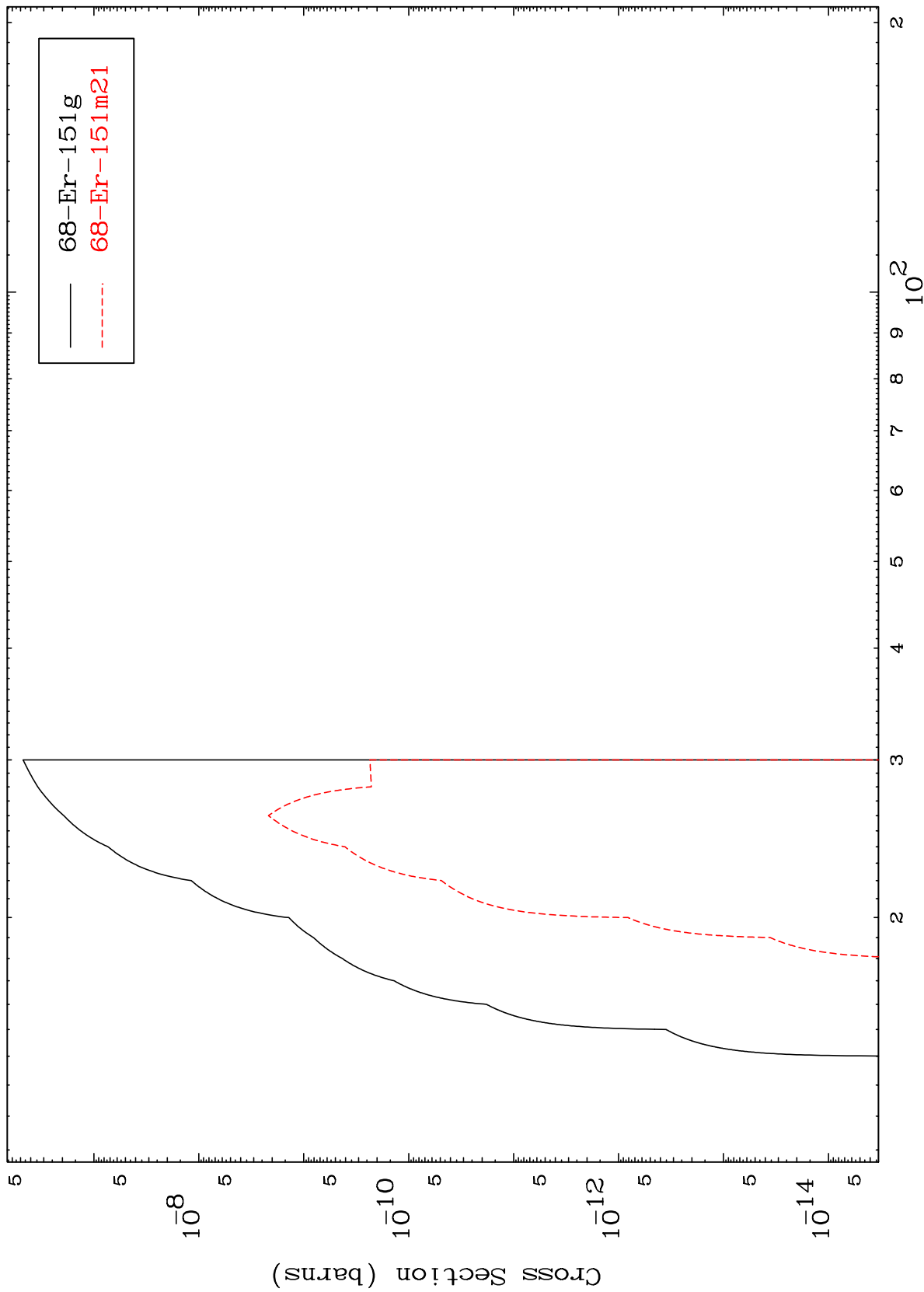


69-Tm-154

Incident Energy (MeV)

20

Radionuclide Production Cross Section

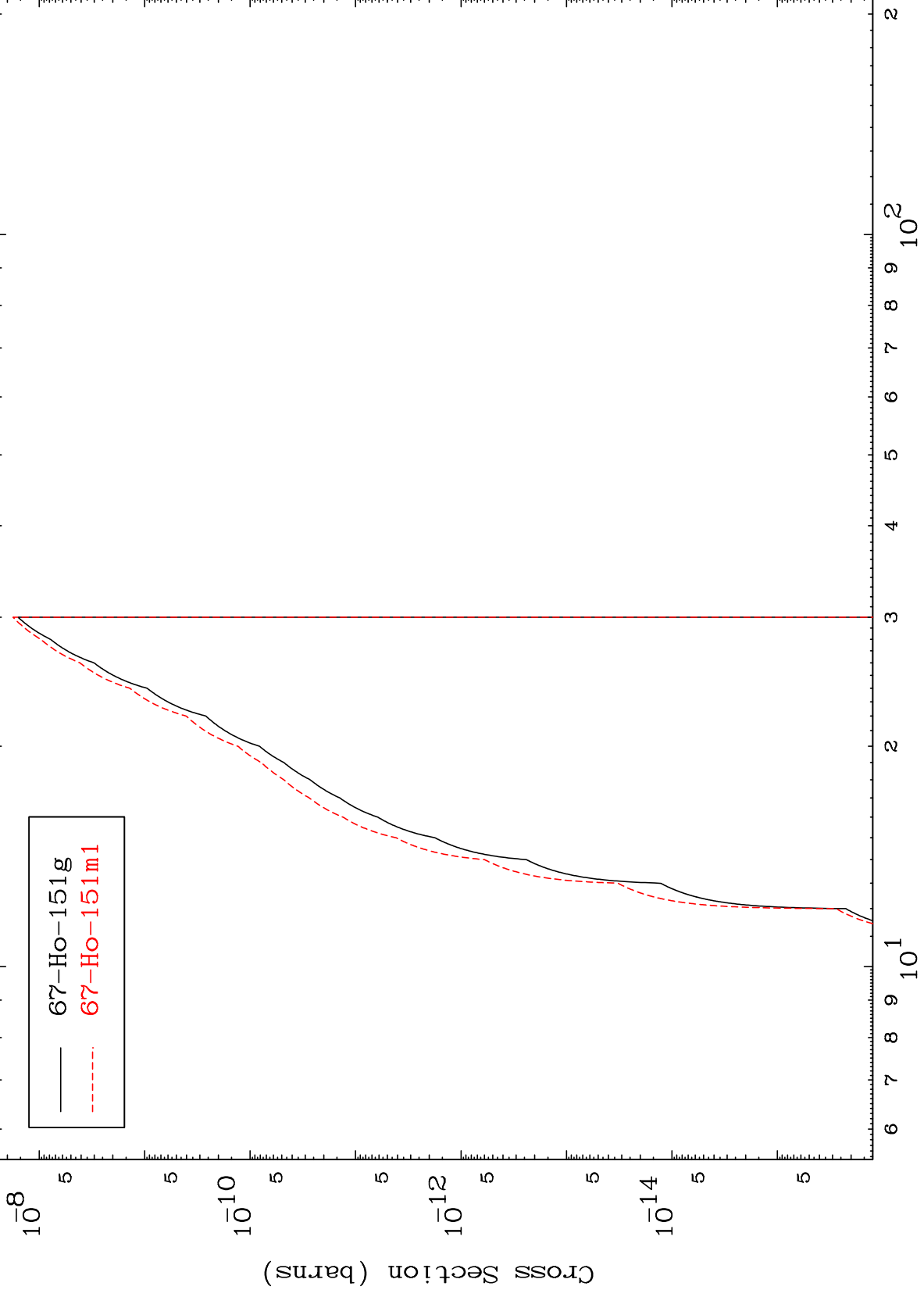


MAT 6880

($\gamma, \text{He-3}$)

69-Tm-154

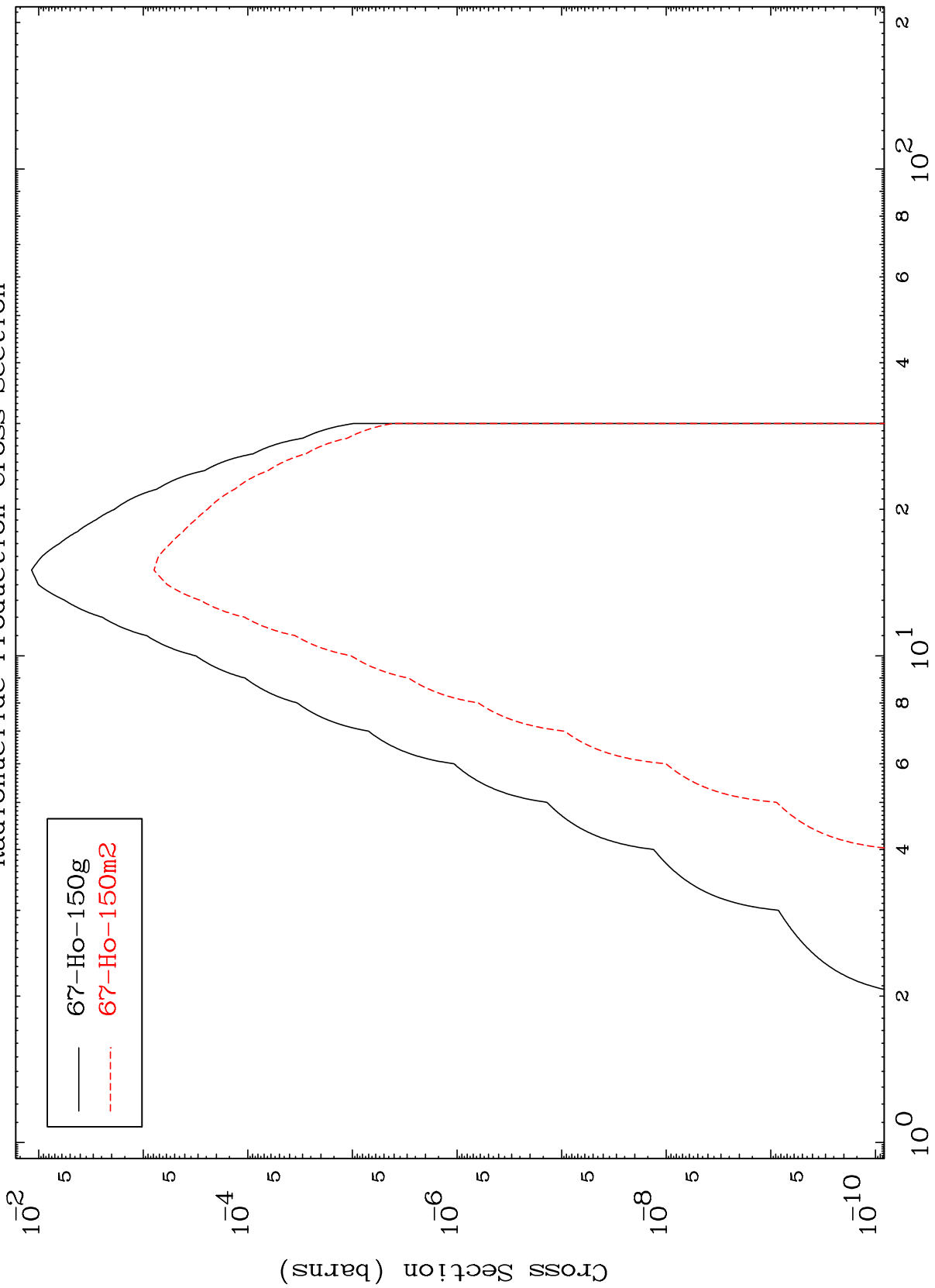
Radionuclide Production Cross Section



MAT 6880

69-Tm-154

Radionuclide Production Cross Section
(γ, α)



23

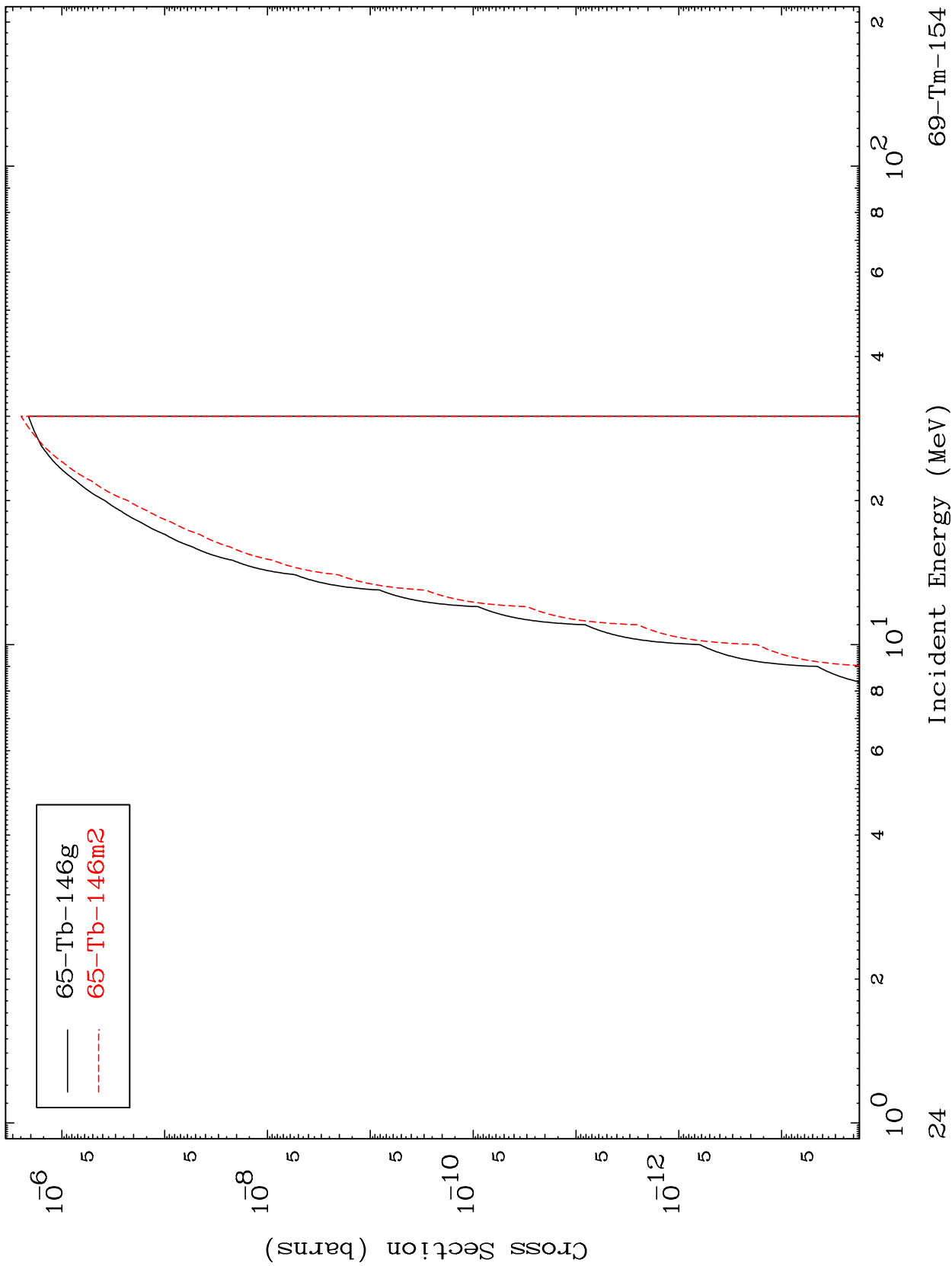
Incident Energy (MeV)

69-Tm-154

MAT 6880

69-Tm-154

($\gamma, 2\alpha$)
Radionuclide Production Cross Section



— 65-Tb-146g
- - - 65-Tb-146m2

Incident Energy (MeV)

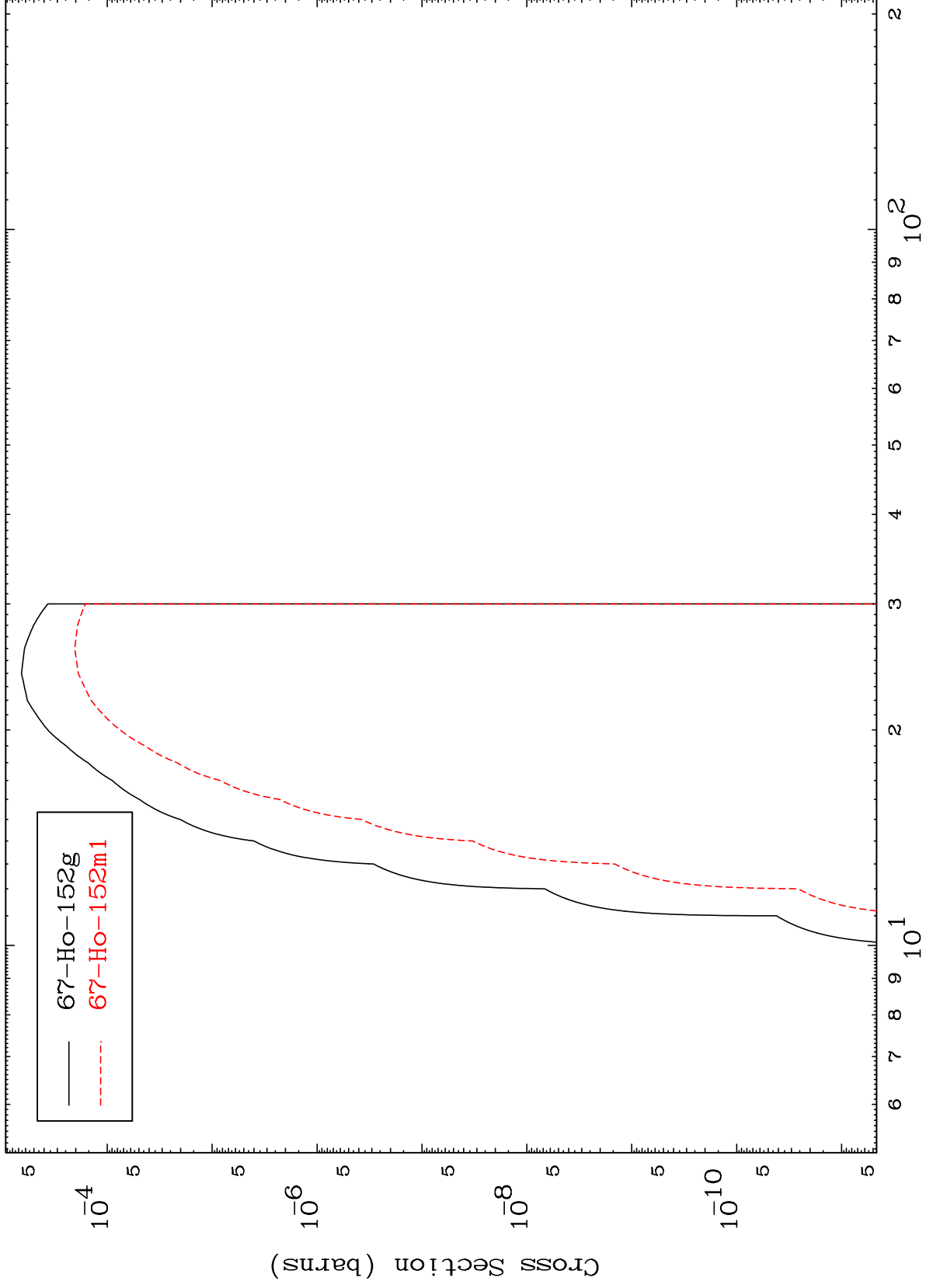
69-Tm-154

24

MAT 6880

69-Tm-154

($\gamma, 2p$)
Radionuclide Production Cross Section



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Incident Energy (MeV)

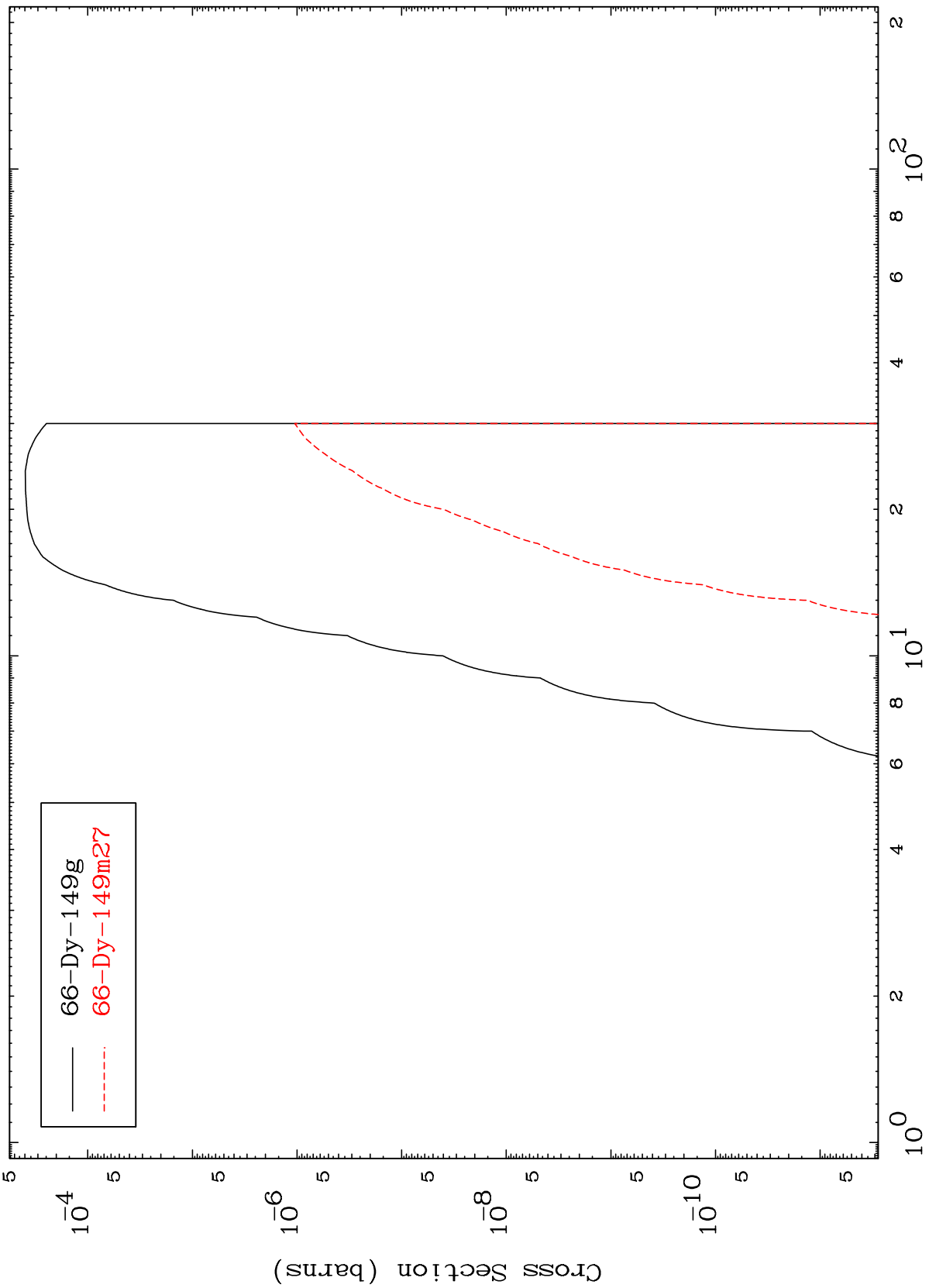
69-Tm-154

MAT 6880

(γ, p) α

69-Tm-154

Radionuclide Production Cross Section



Incident Energy (MeV)

69-Tm-154

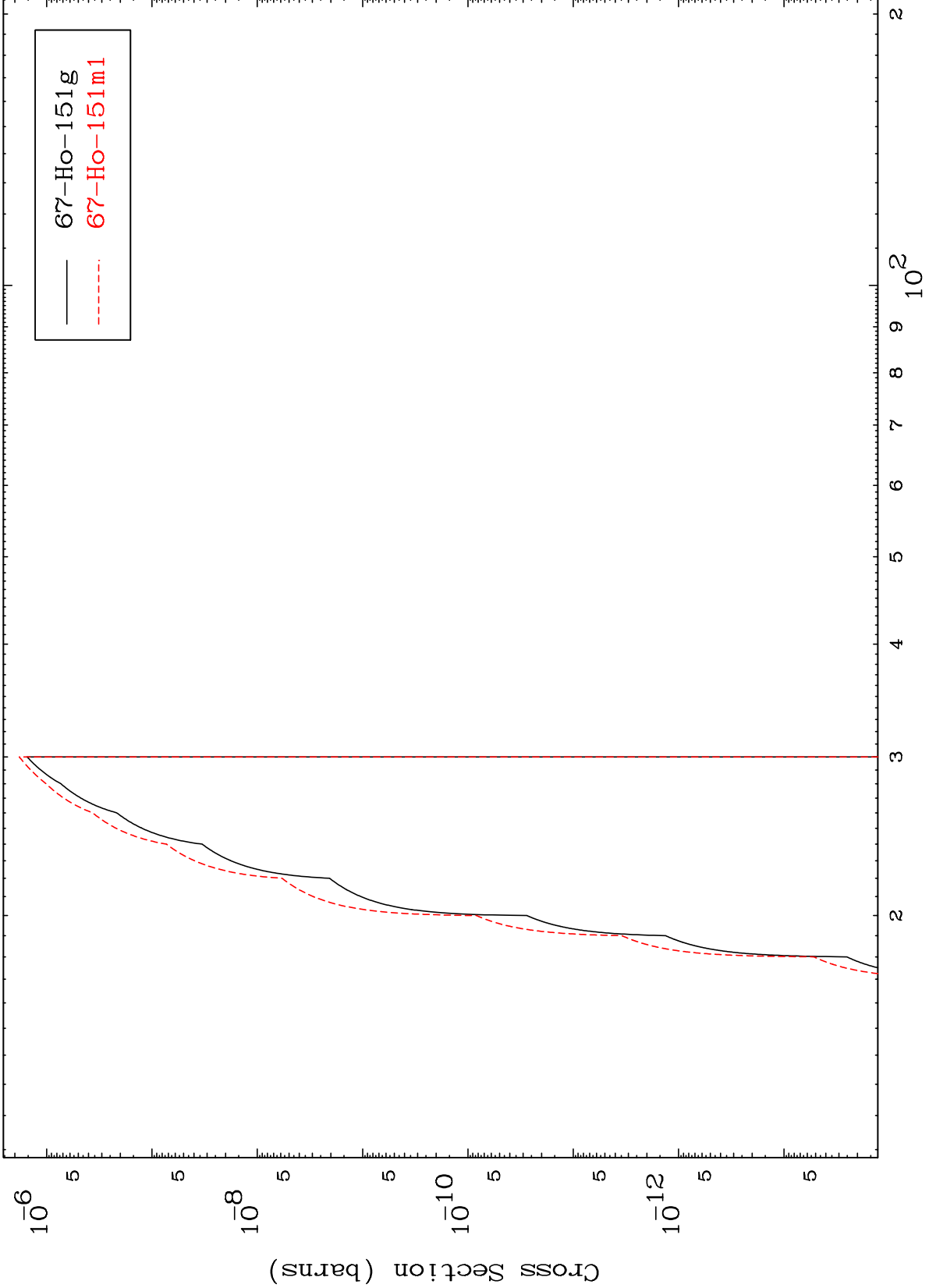
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(γ, p) d

69-Tm-154

Radionuclide Production Cross Section



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Incident Energy (MeV)

69-Tm-154

