

Program EVALPLOT
(Version 2017-1)

by

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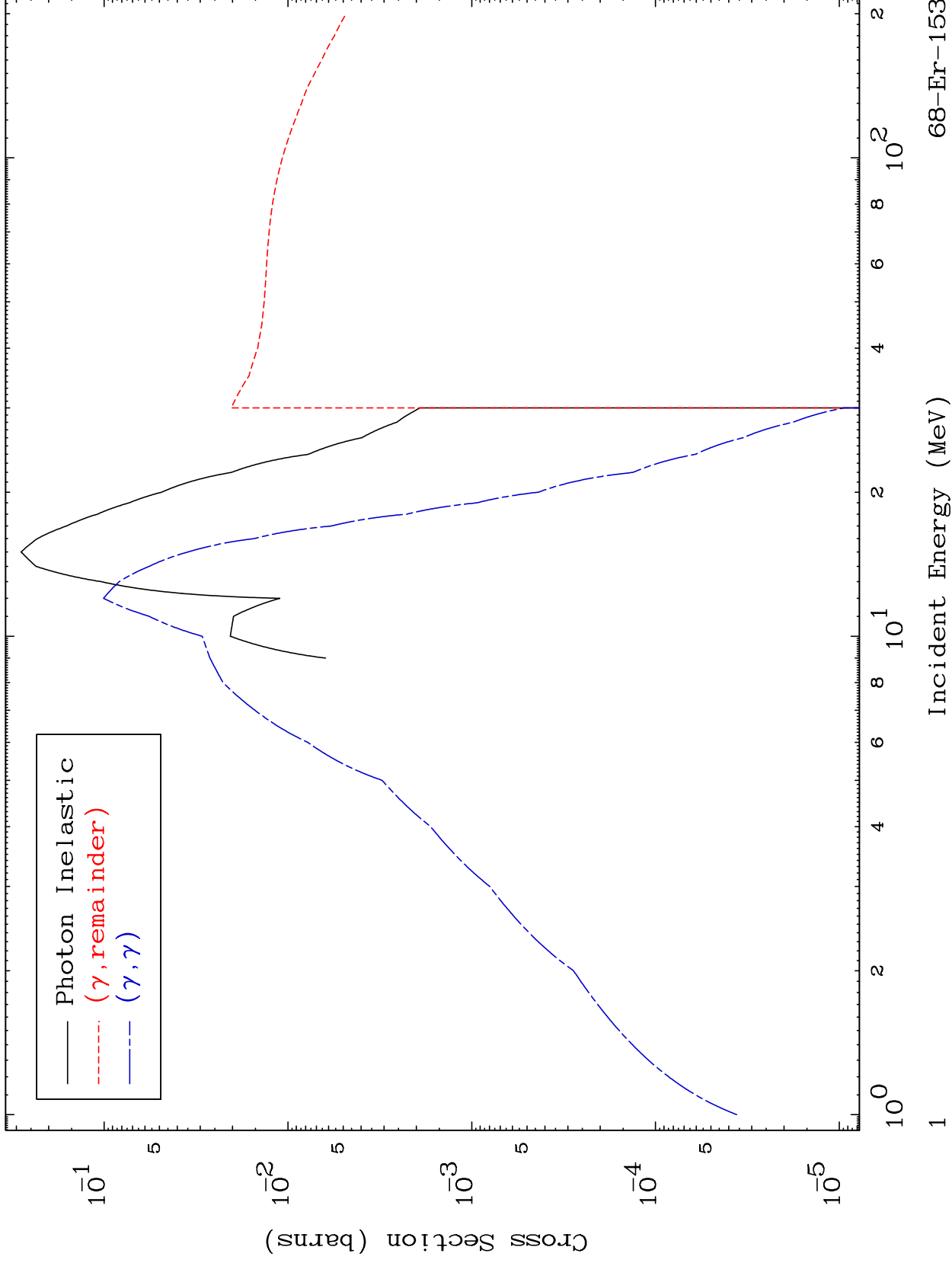
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6798

Photon Major
0 Kelvin Cross Sections

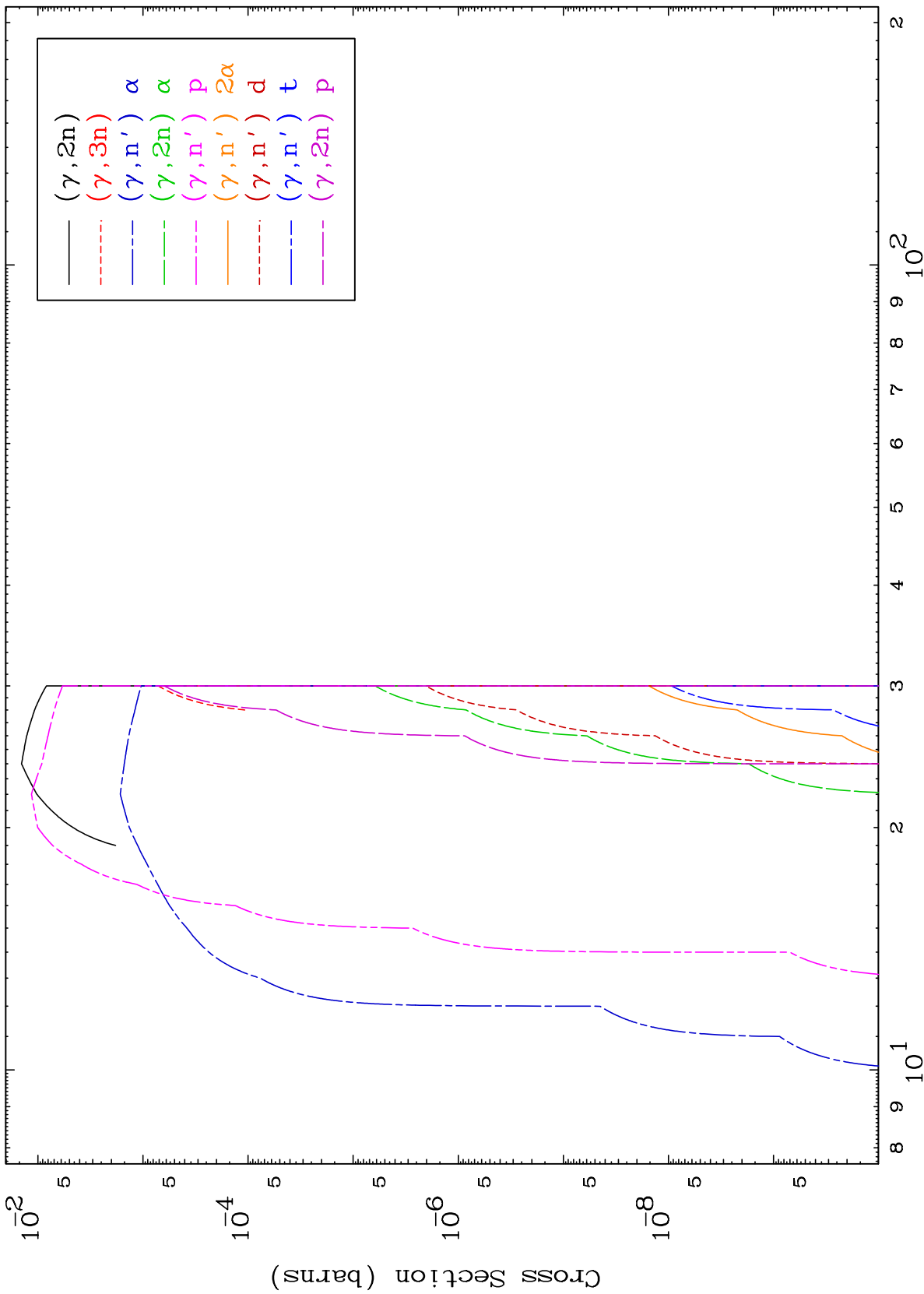
68-Er-153

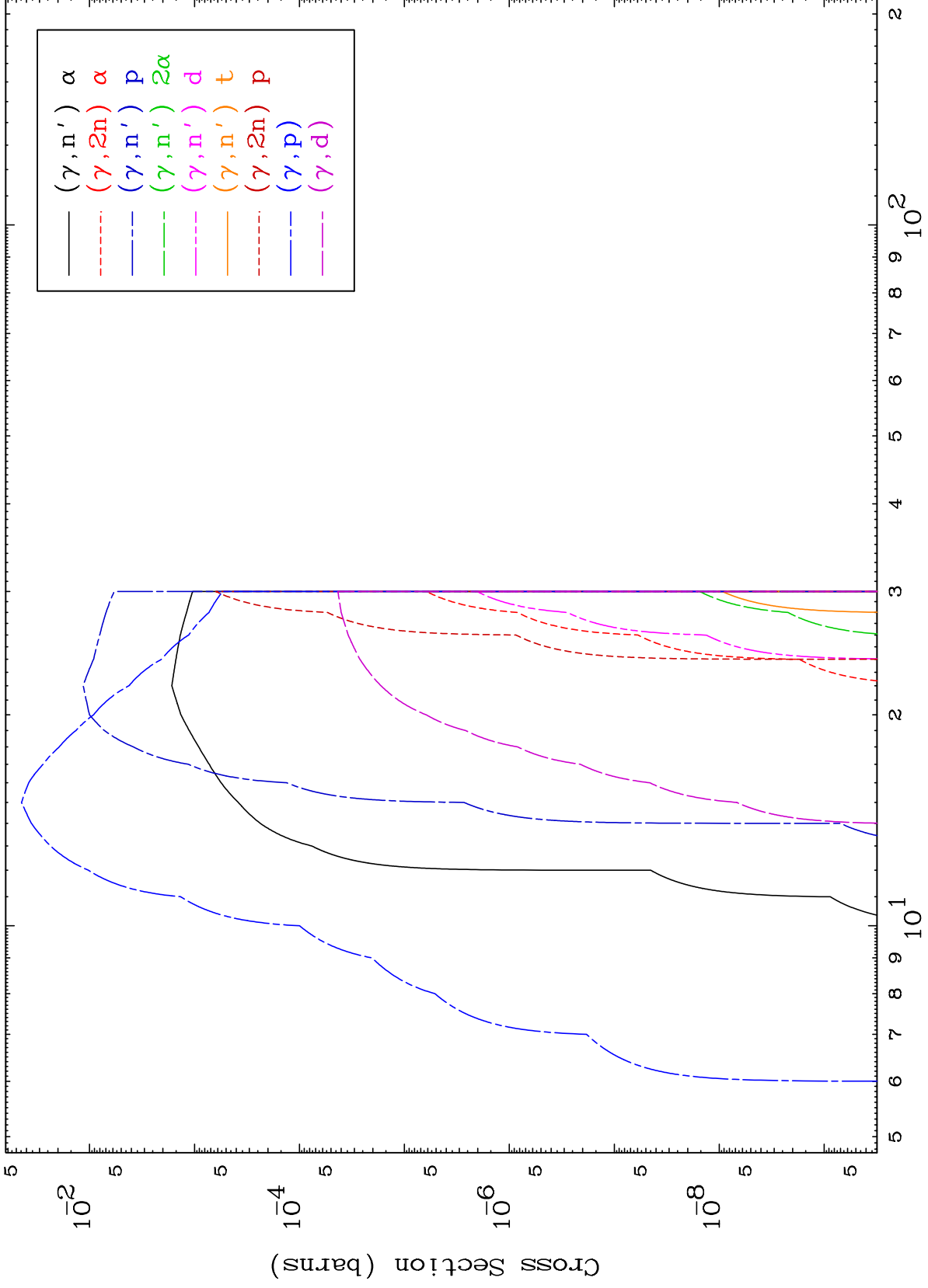


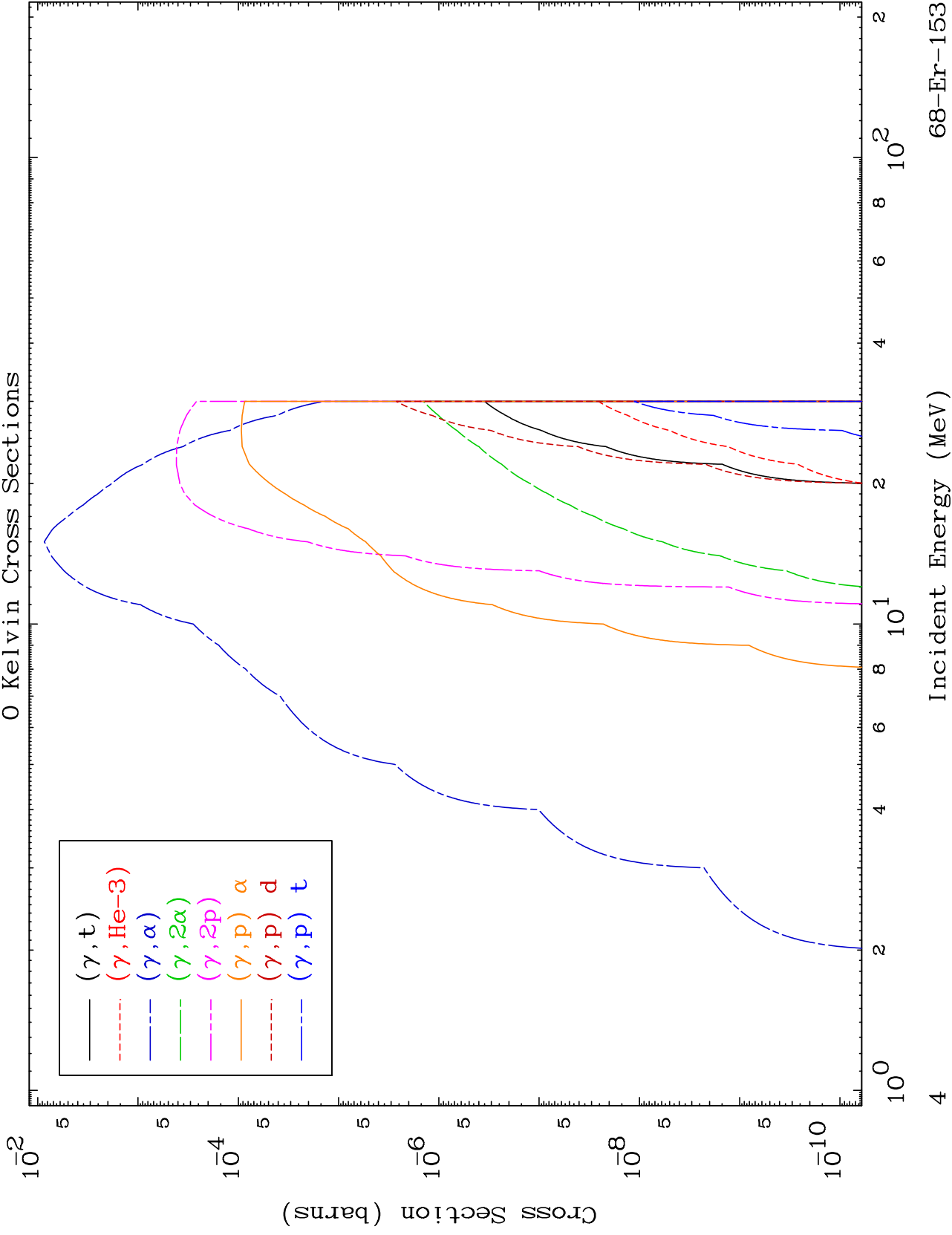
— Photon Inelastic
- - - (γ , remainder)
- . - (γ , γ)

68-Er-153

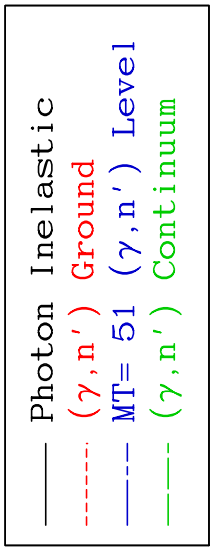
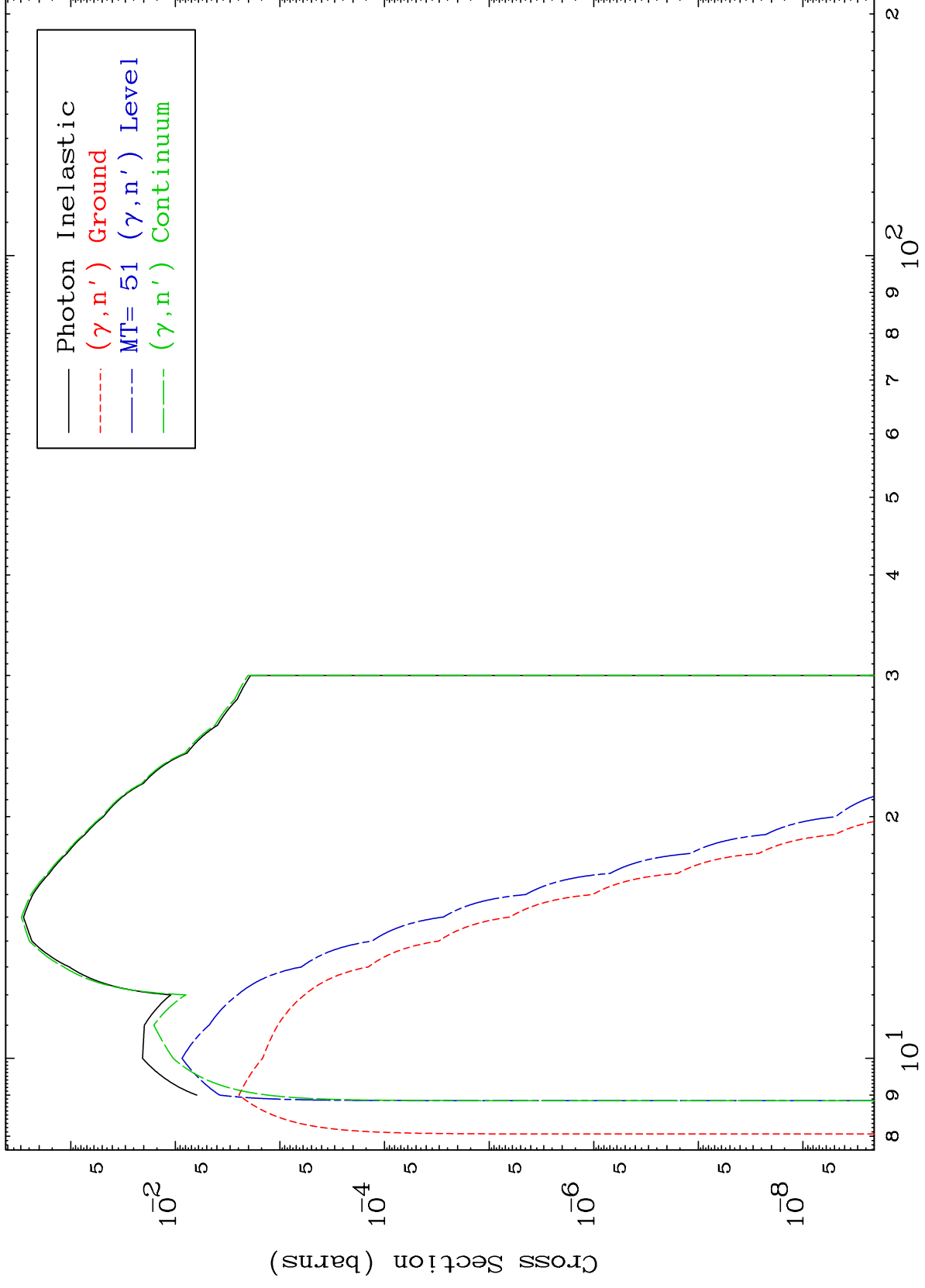
Incident Energy (MeV)







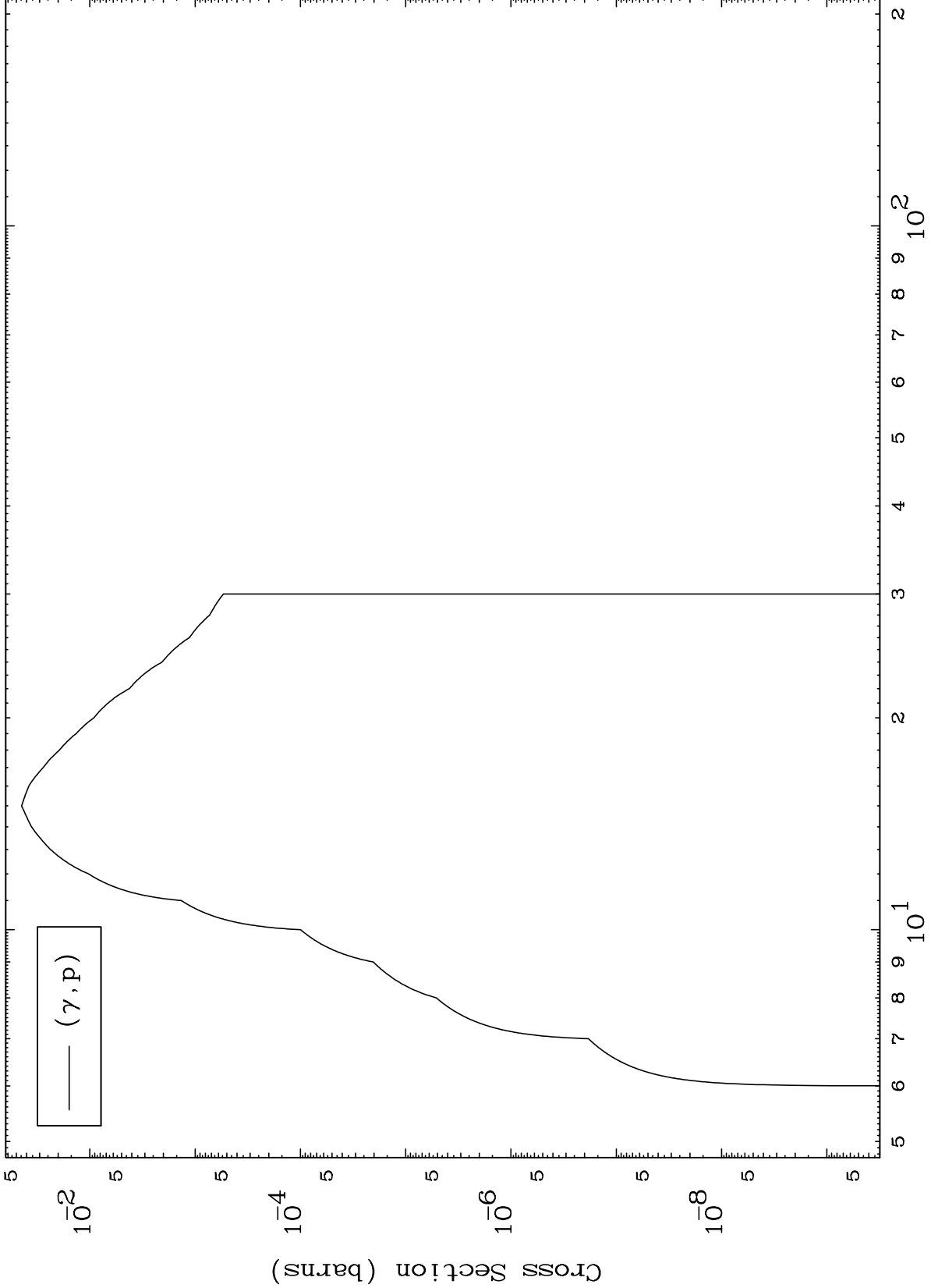
0 Kelvin Cross Sections



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(γ, p) Levels
0 Kelvin Cross Sections

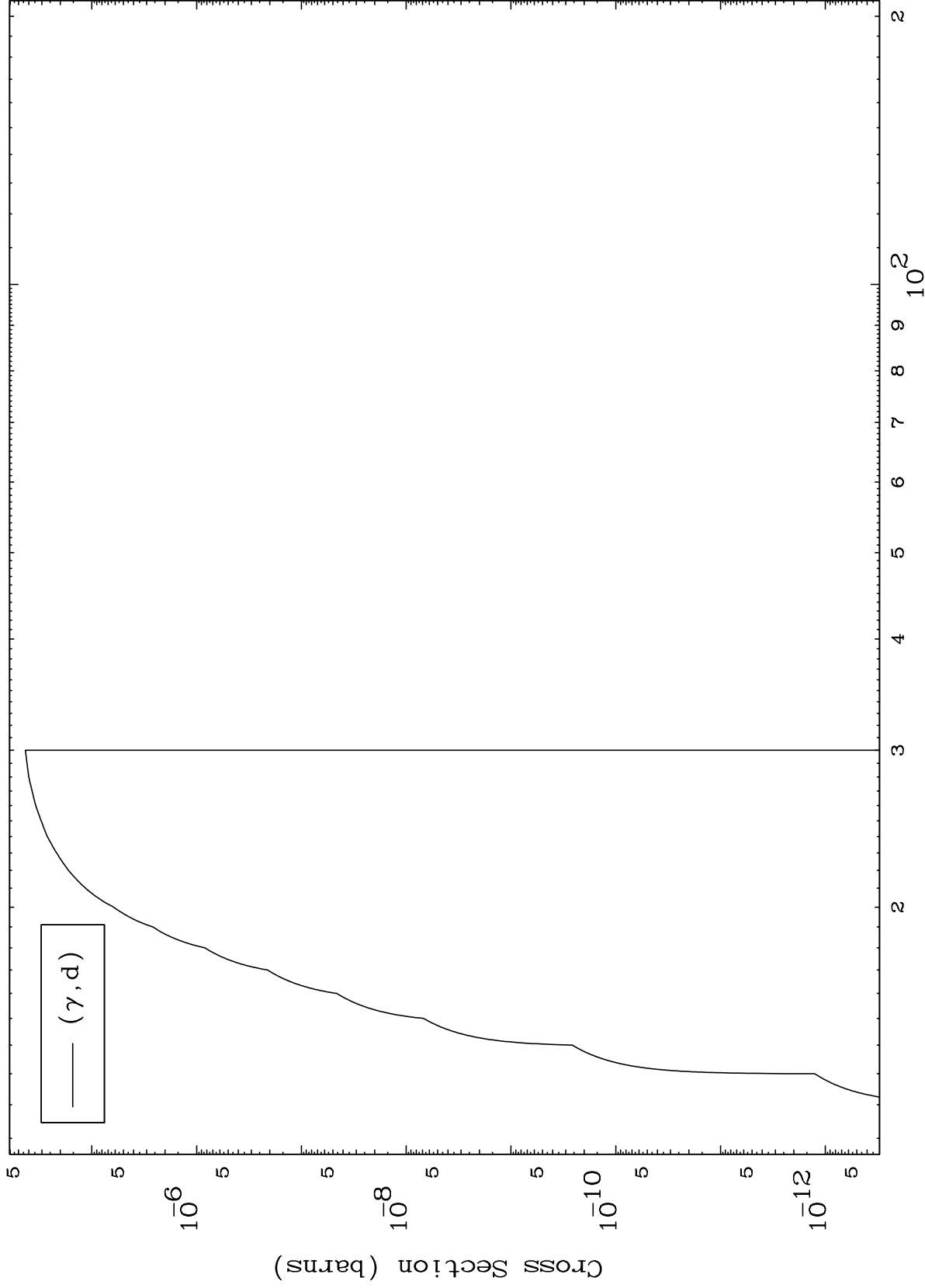
68-Er-153

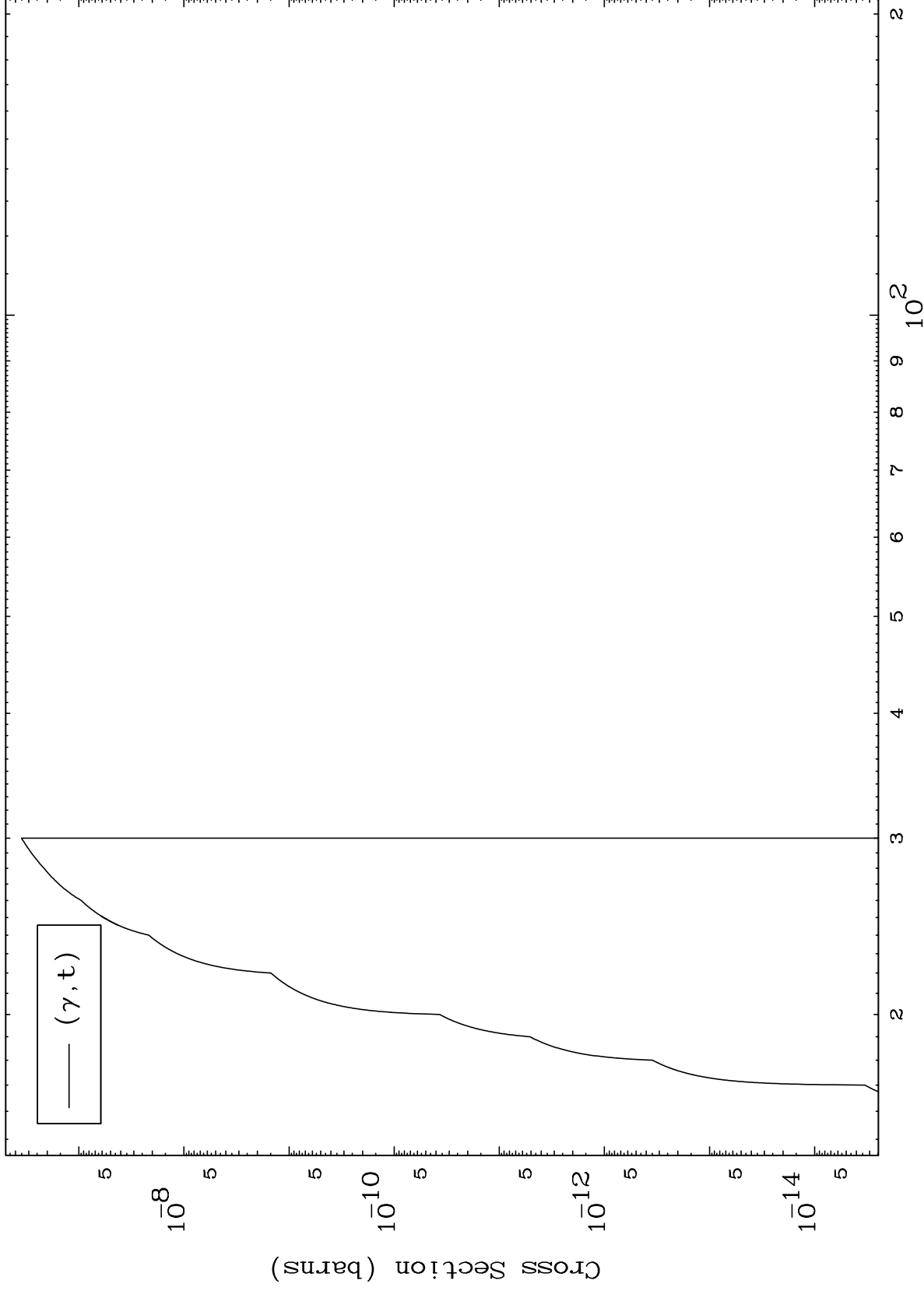


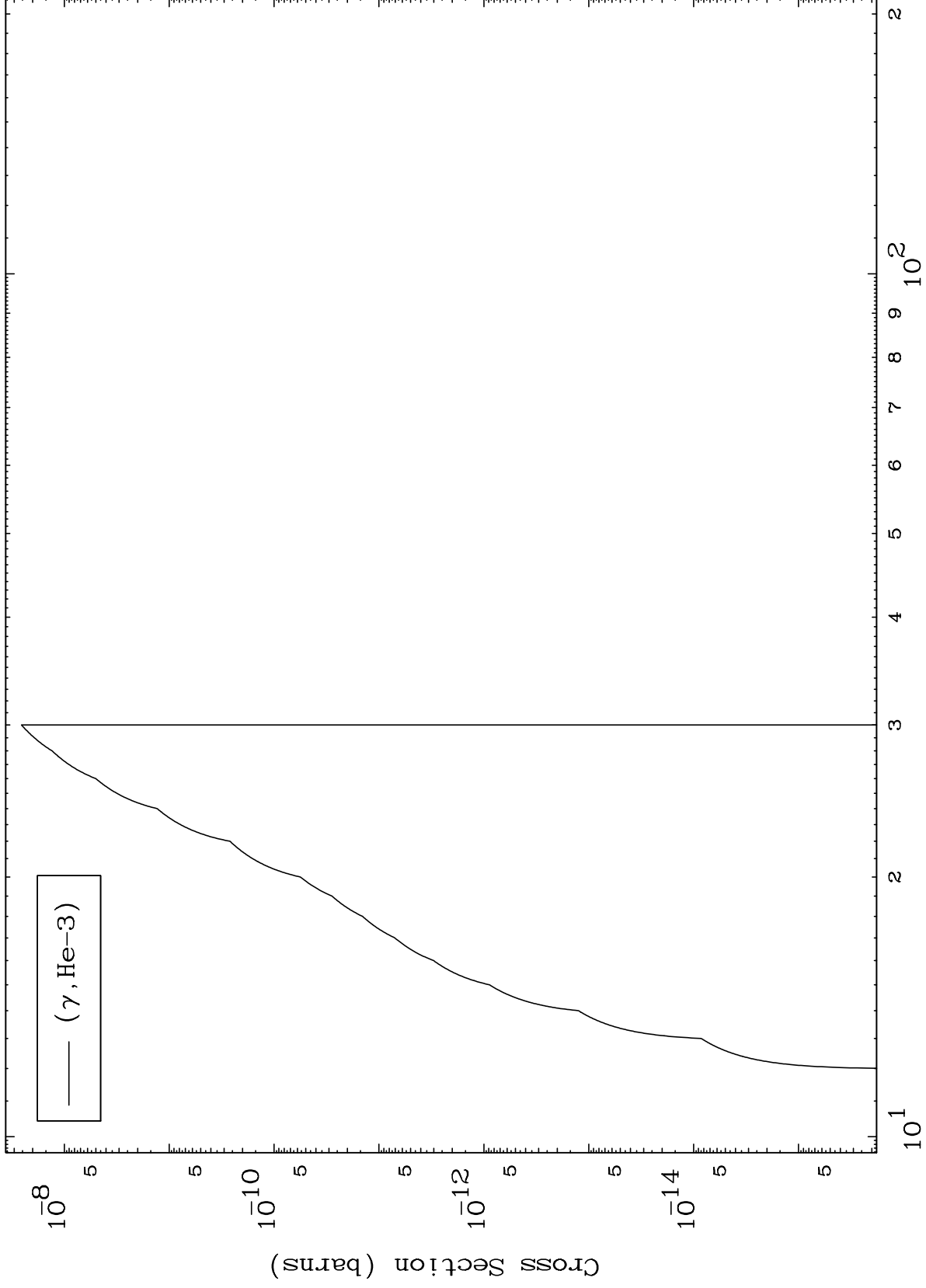
68-Er-153

Incident Energy (MeV)

6



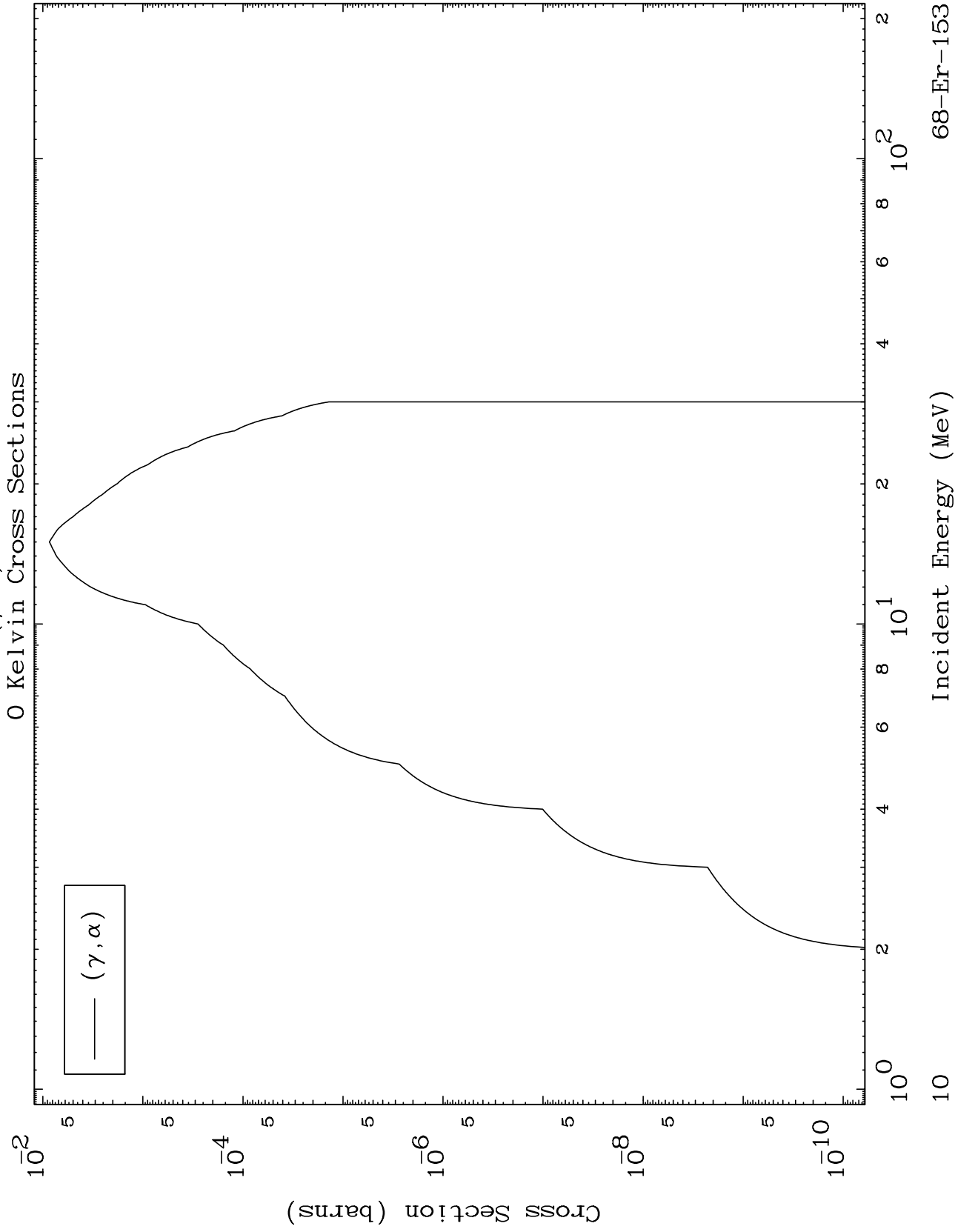




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(γ, α) Levels

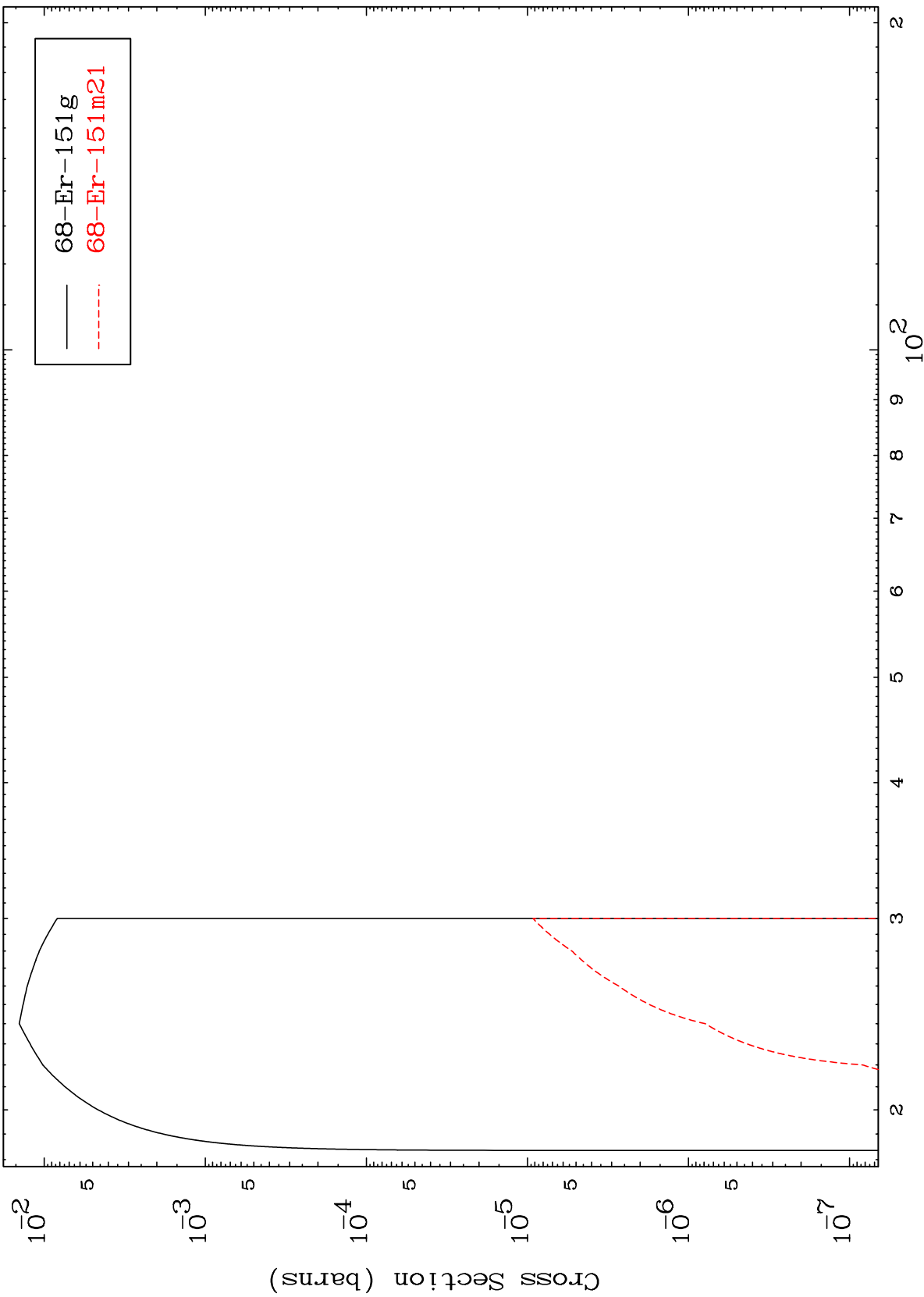
68-Er-153



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68-Er-153

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

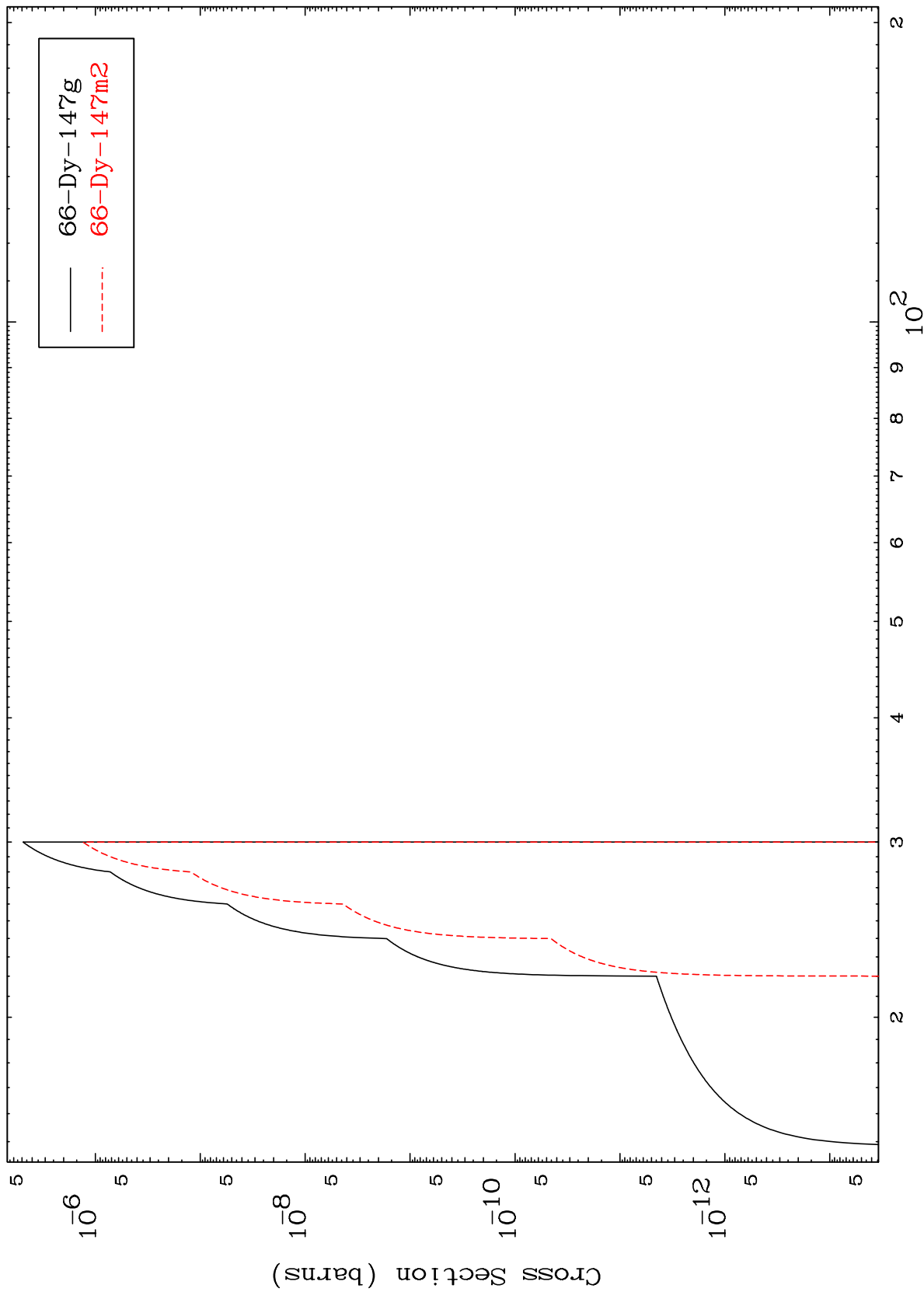


11

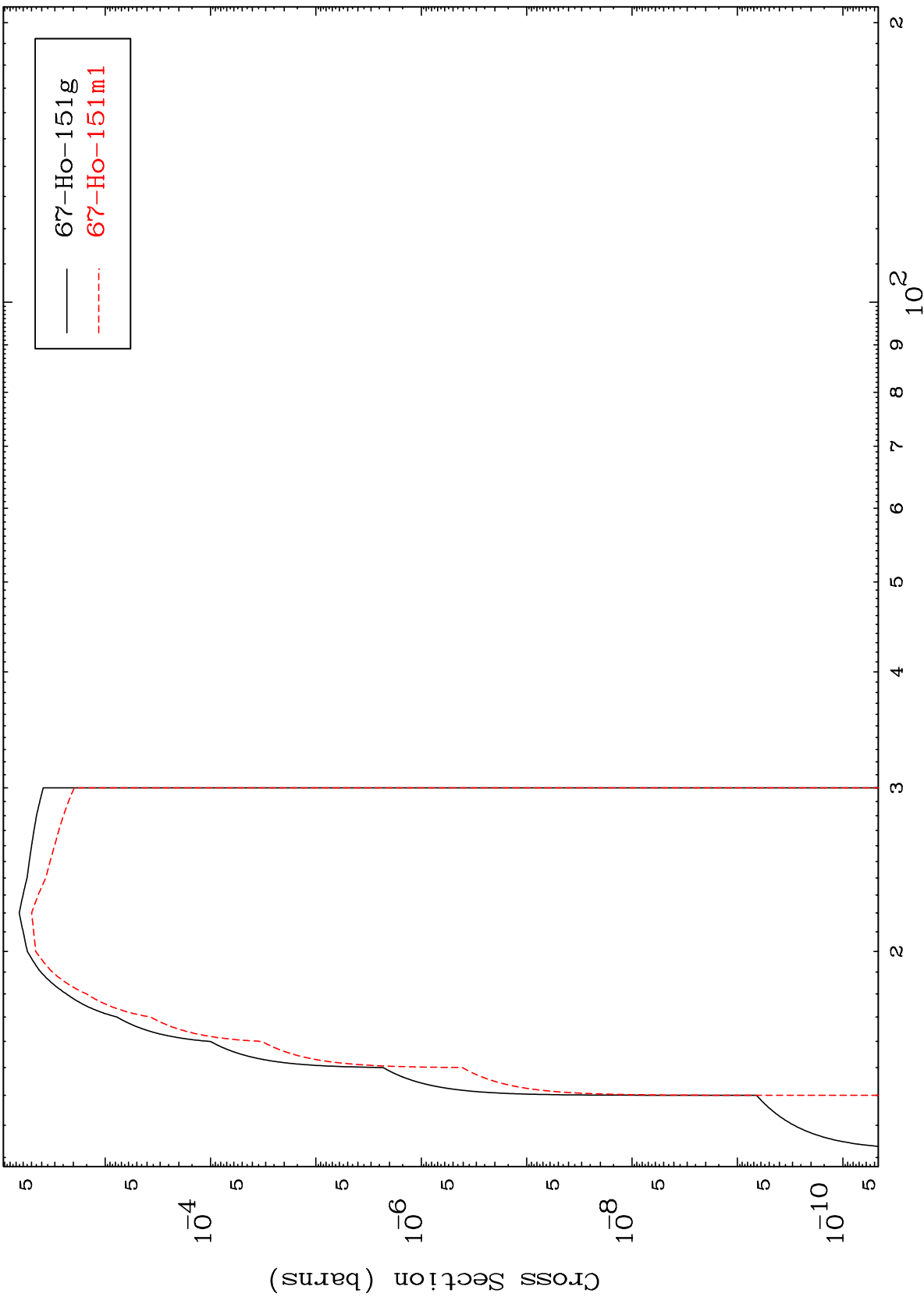
Incident Energy (MeV)

68-Er-153

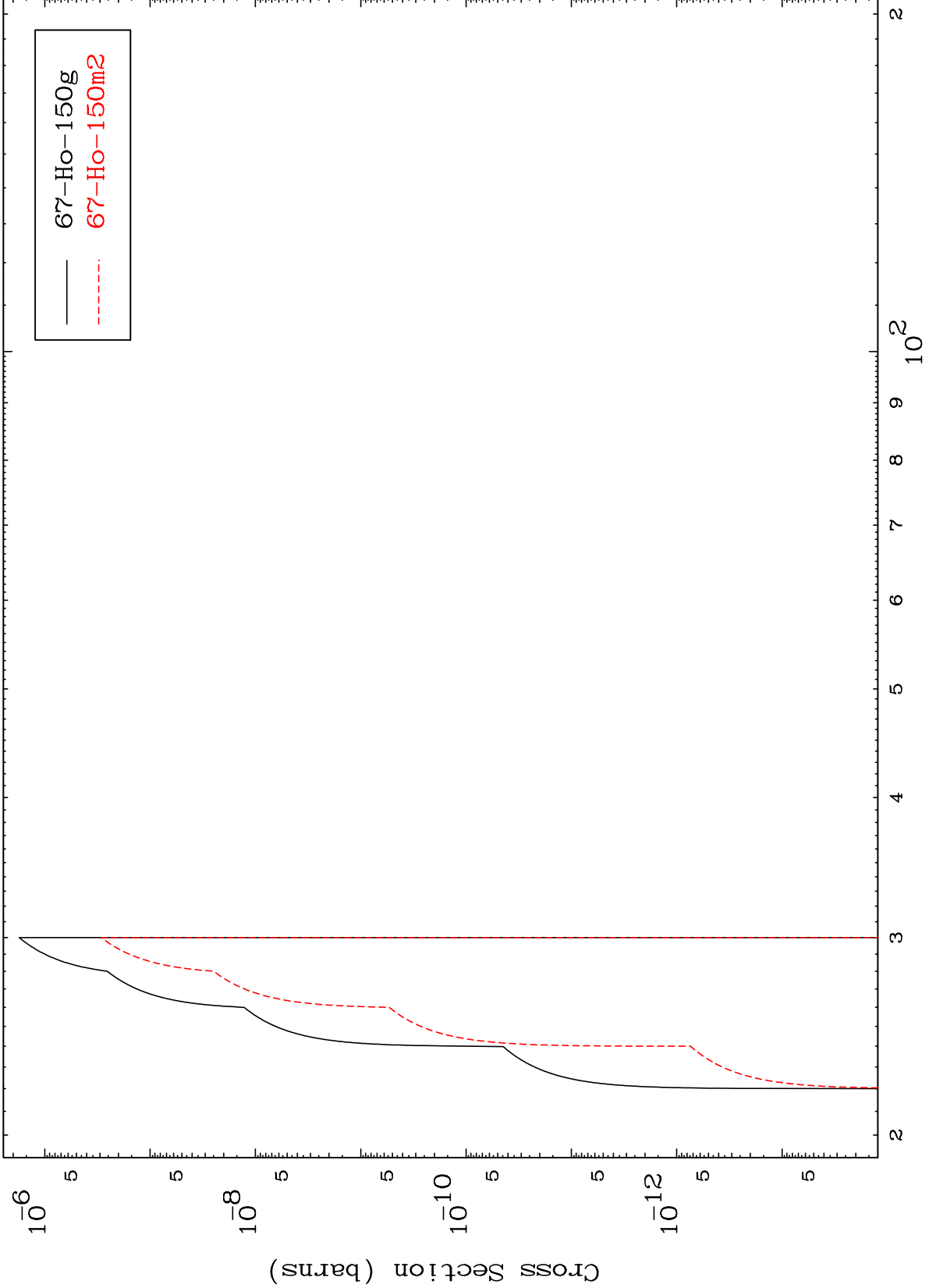
Radionuclide Production Cross Section



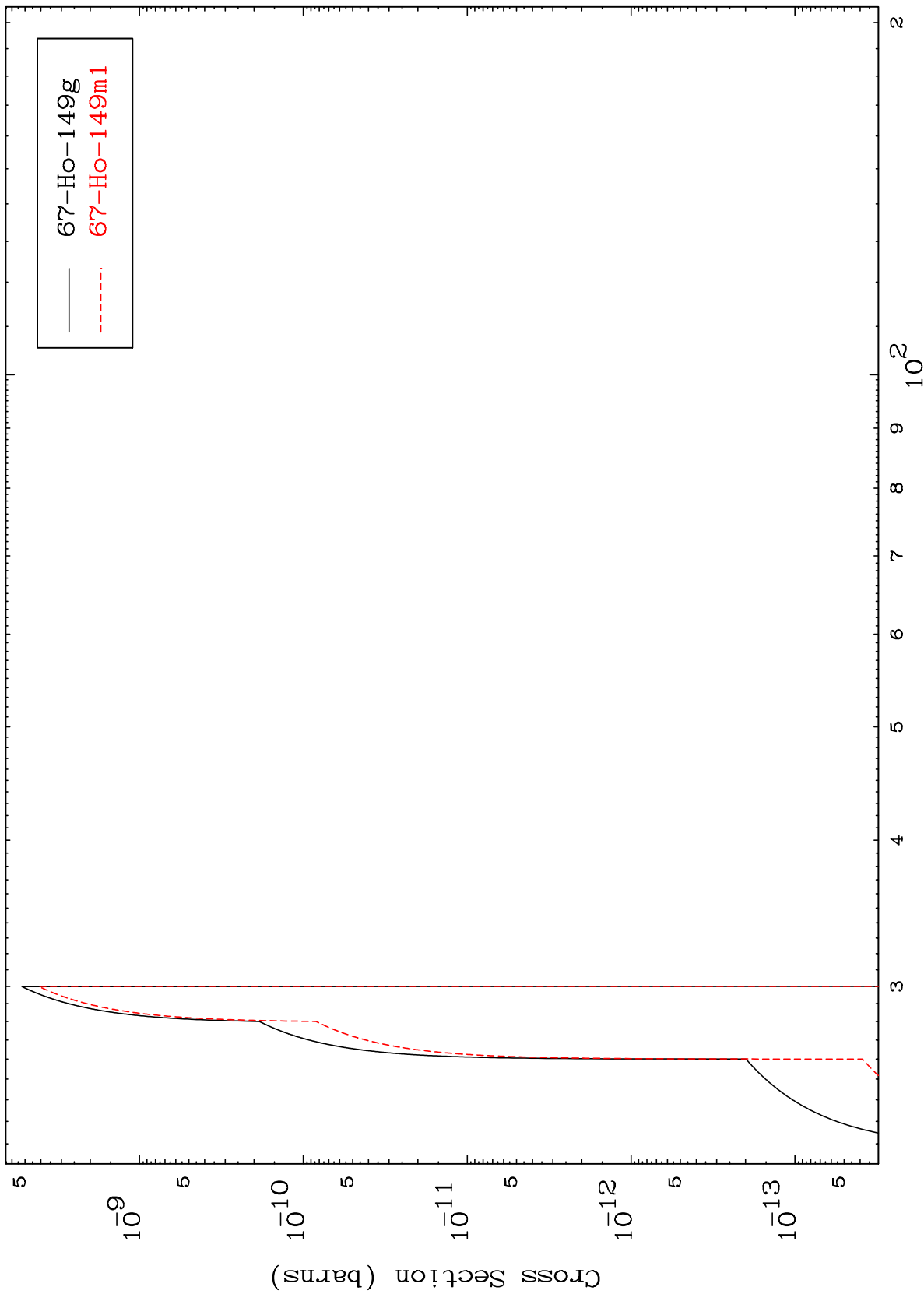
Radionuclide Production Cross Section



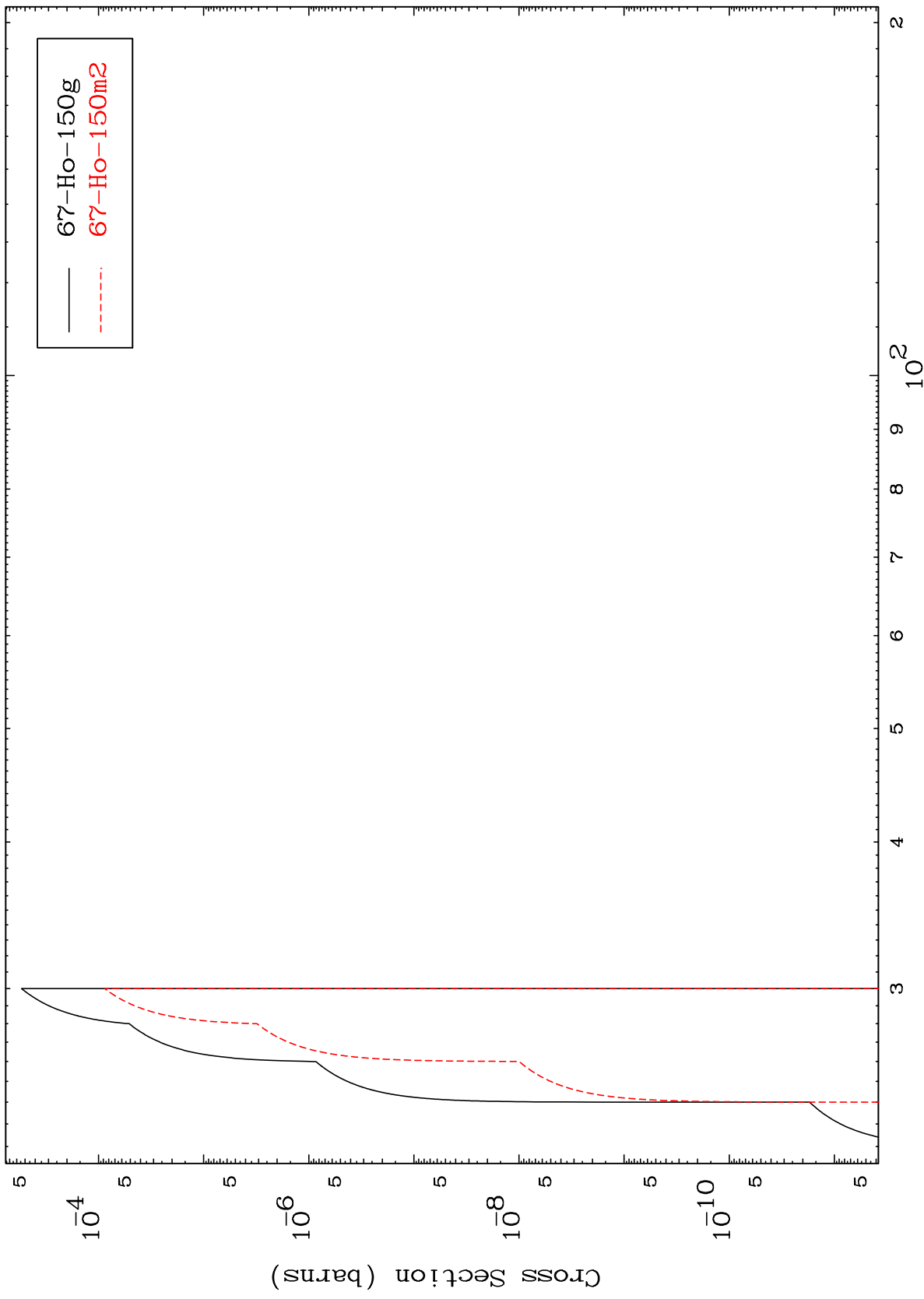
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

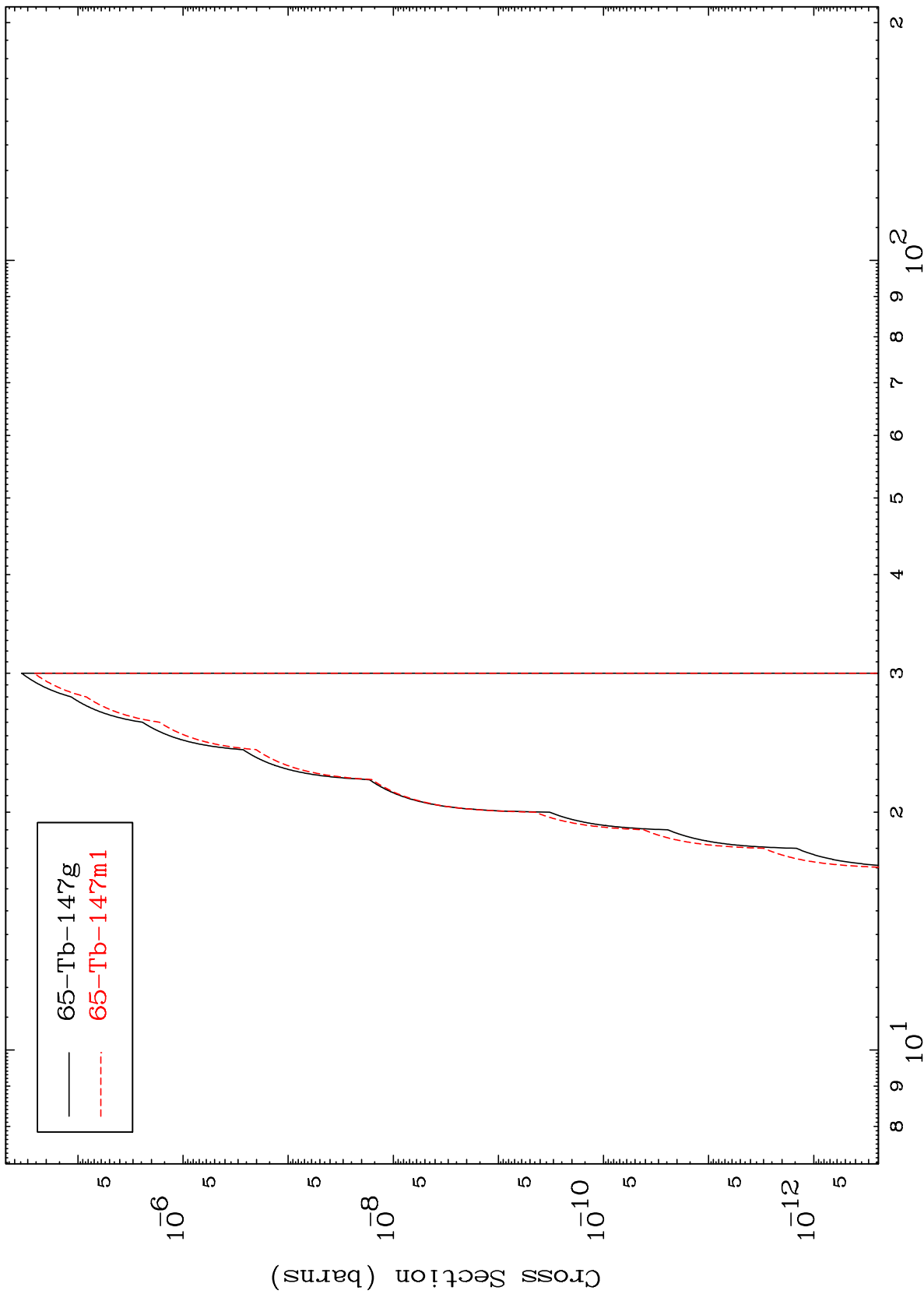


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(γ, n') p α

68-Er-153

Radionuclide Production Cross Section



17

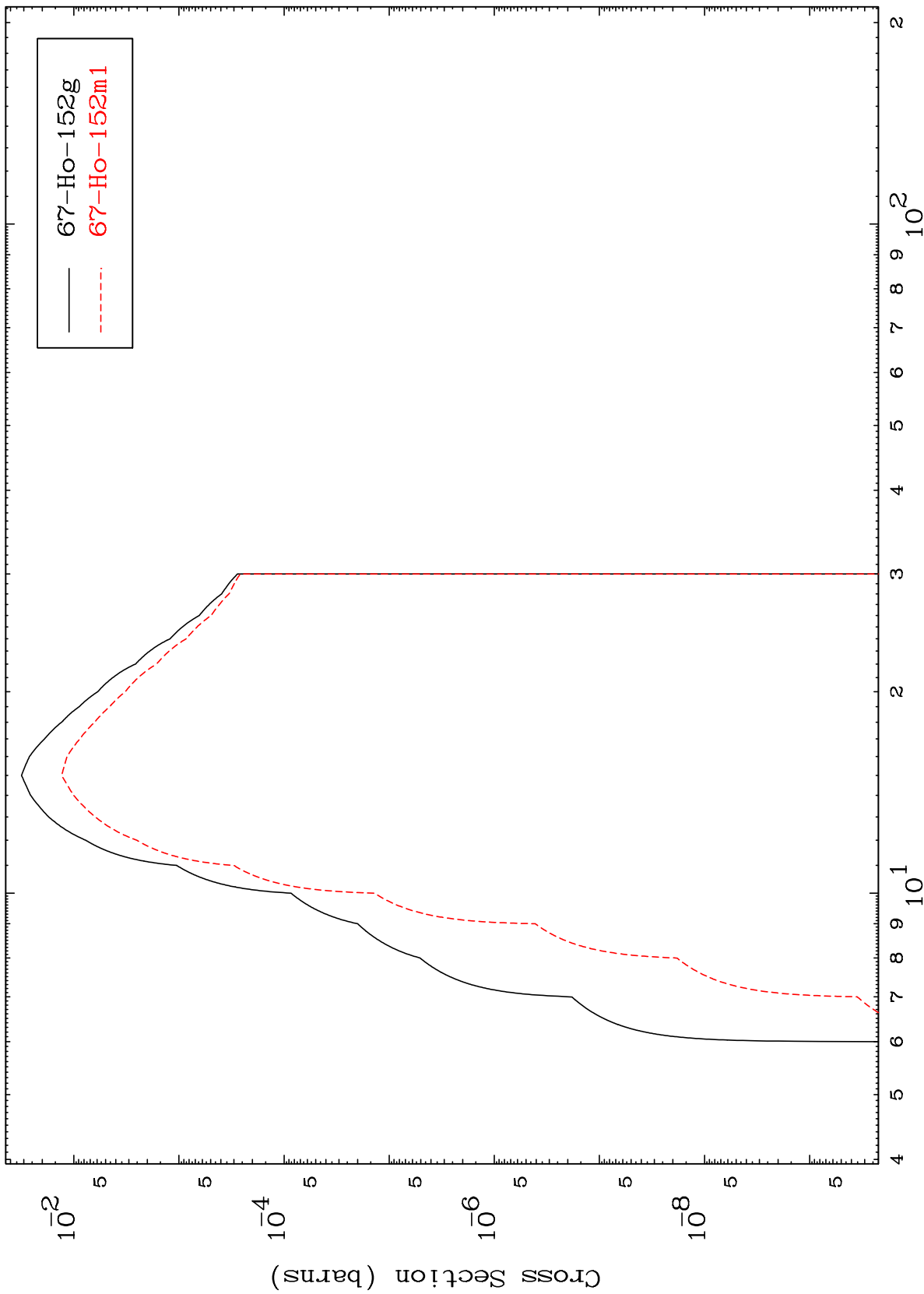
Incident Energy (MeV)

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68-Er-153

Radionuclide Production Cross Section
(γ, p)



68-Er-153

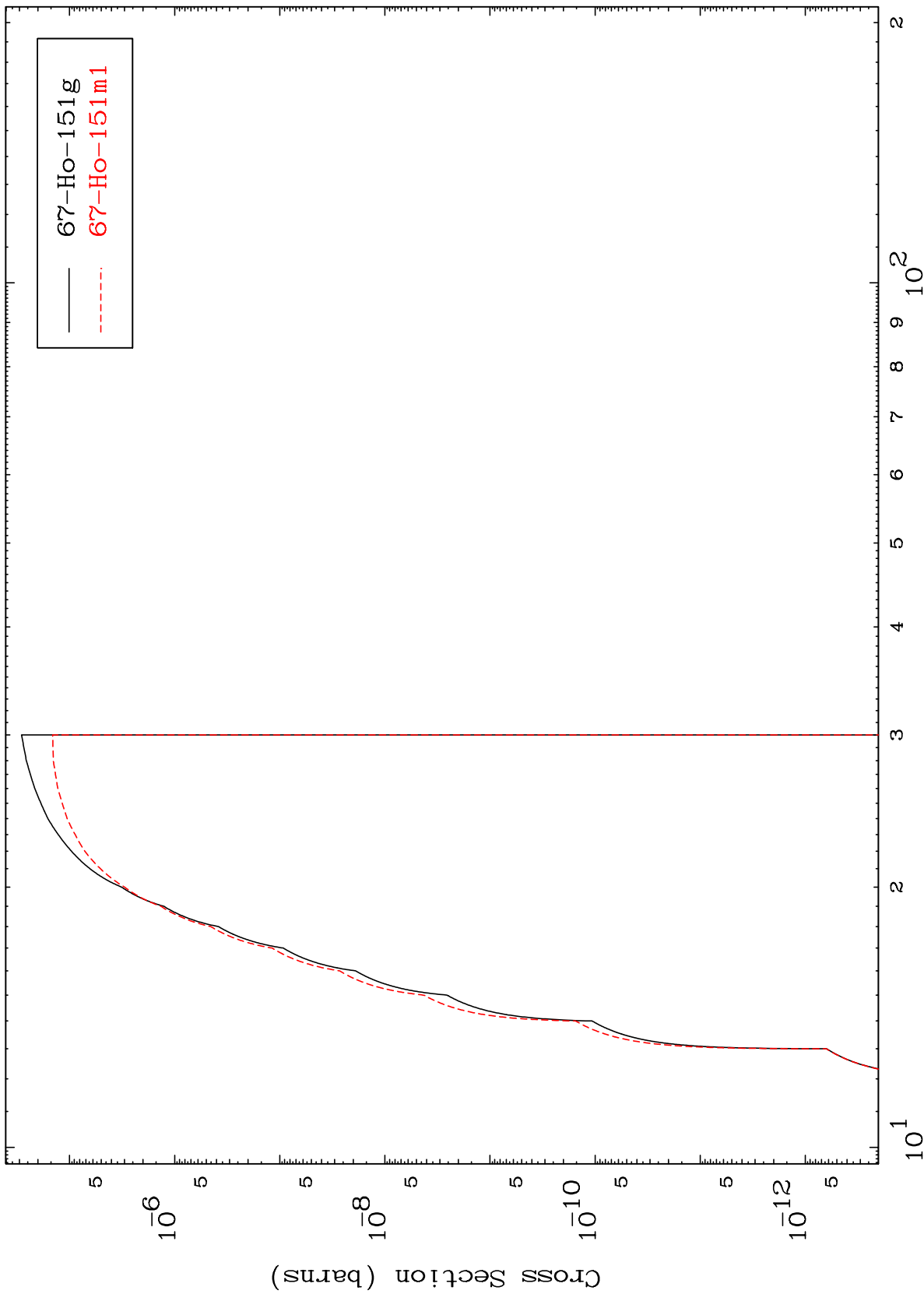
Incident Energy (MeV)

18

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68-Er-153

(γ, d)
Radionuclide Production Cross Section

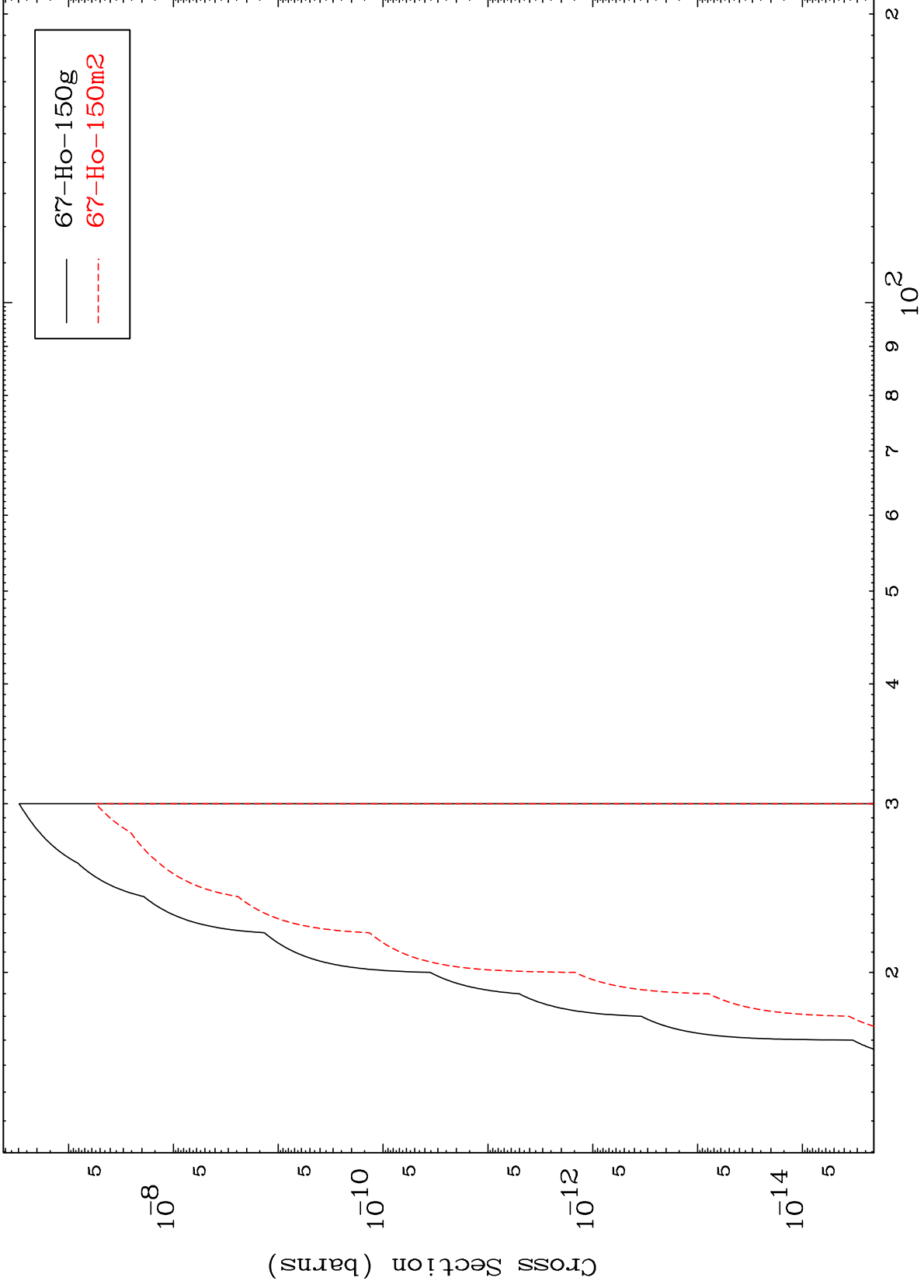


68-Er-153

Incident Energy (MeV)

19

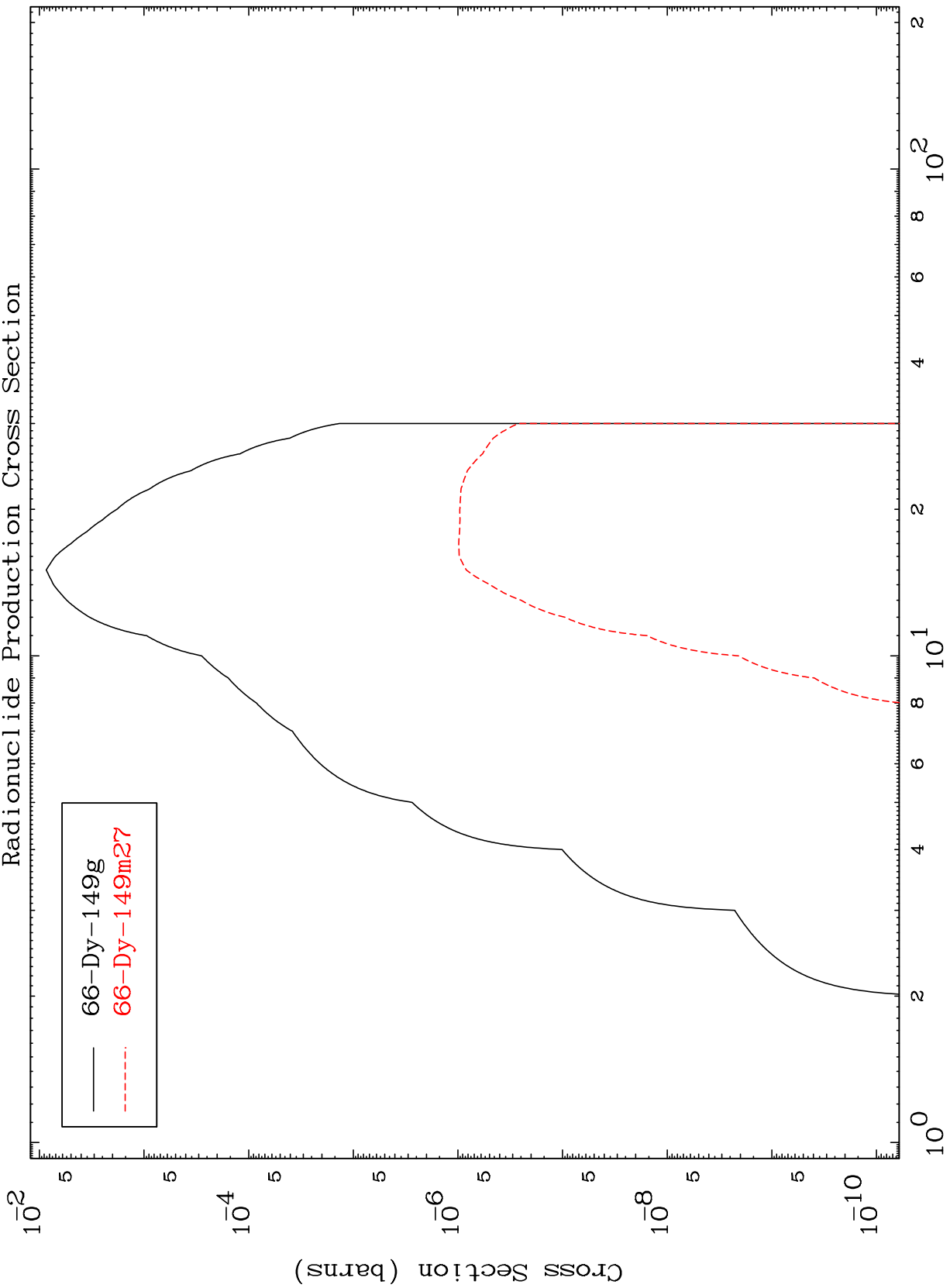
(γ, t)
Radionuclide Production Cross Section



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68-Er-153

Radionuclide Production Cross Section
(γ, α)



66-Dy-149g
66-Dy-149m27

Incident Energy (MeV)

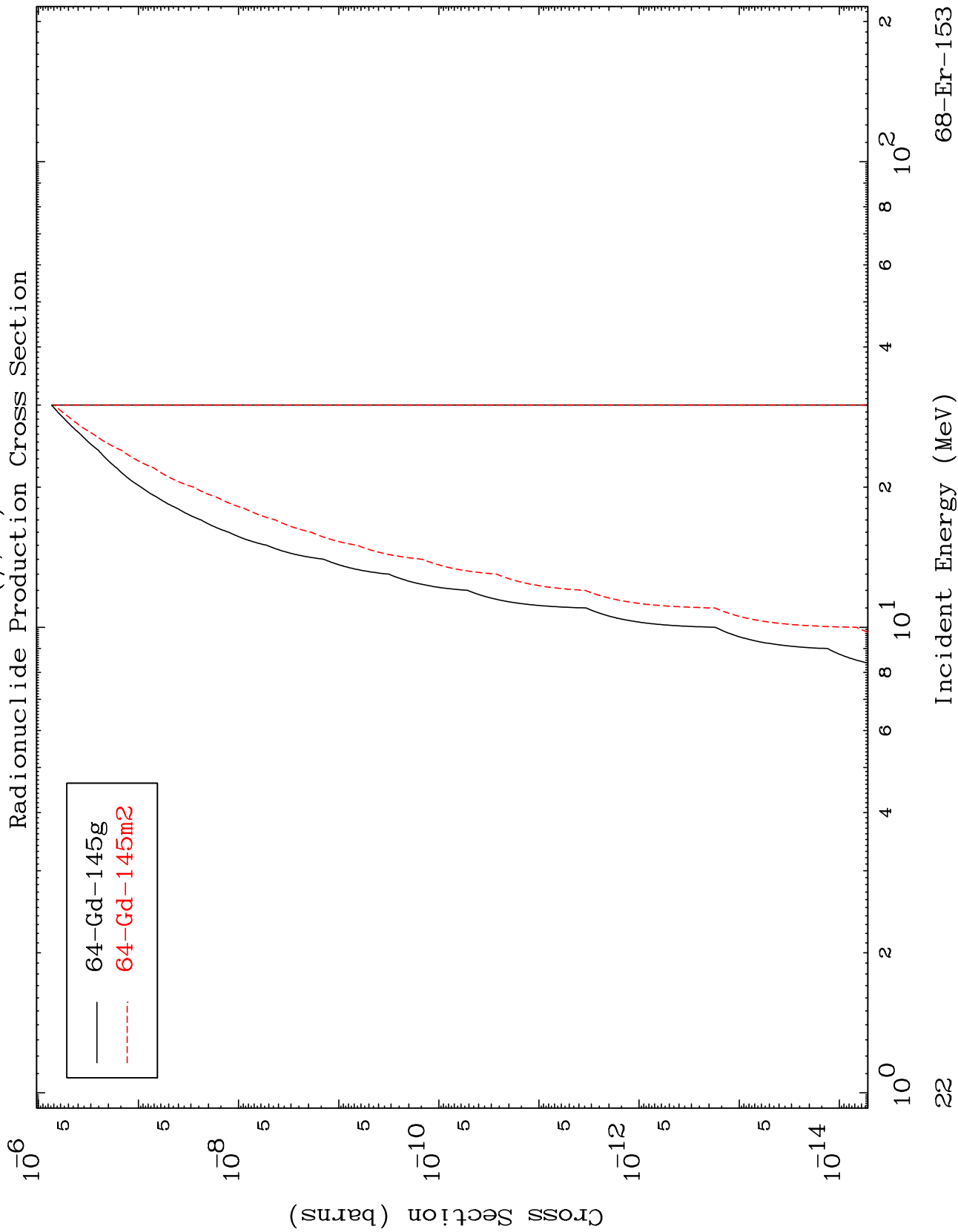
68-Er-153

21

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68-Er-153

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



22

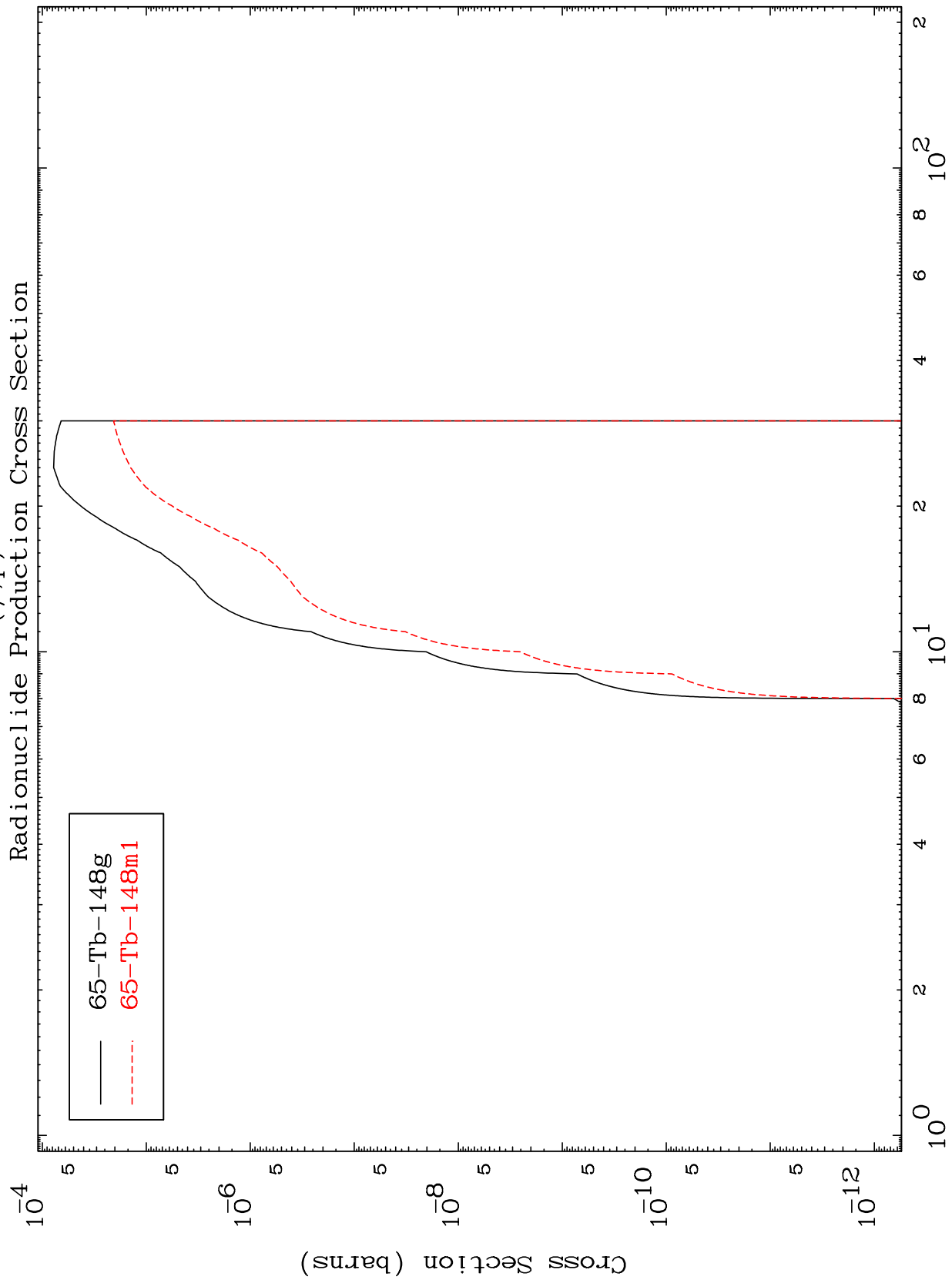
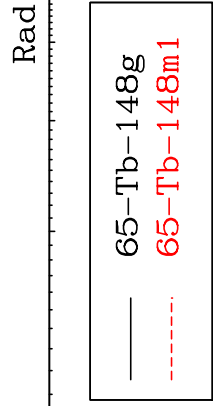
68-Er-153

MAT 6798

(γ, p) α

68-Er-153

Radionuclide Production Cross Section



23

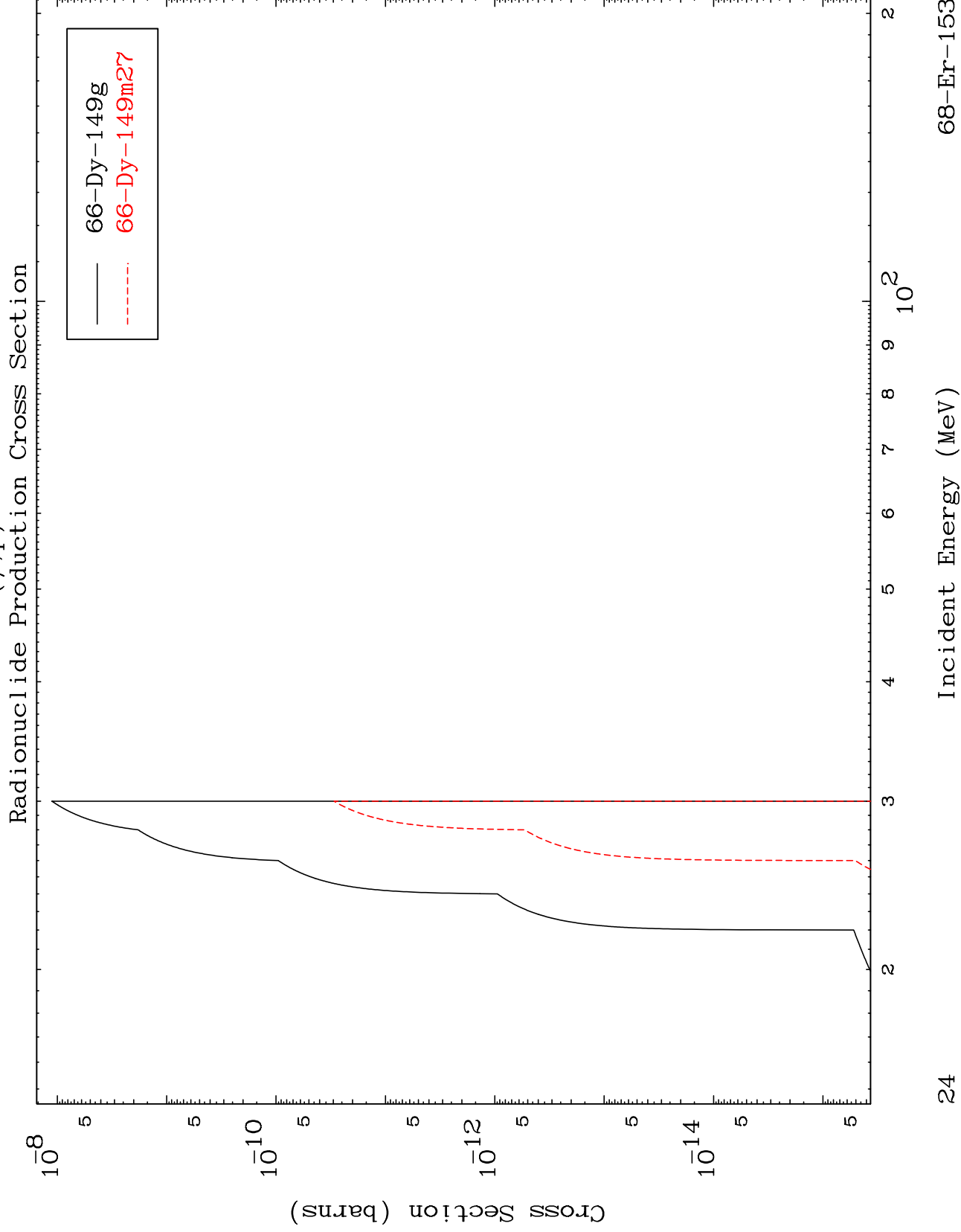
Incident Energy (MeV)

68-Er-153

MAT 6798

(γ, p) t

68-Er-153



24

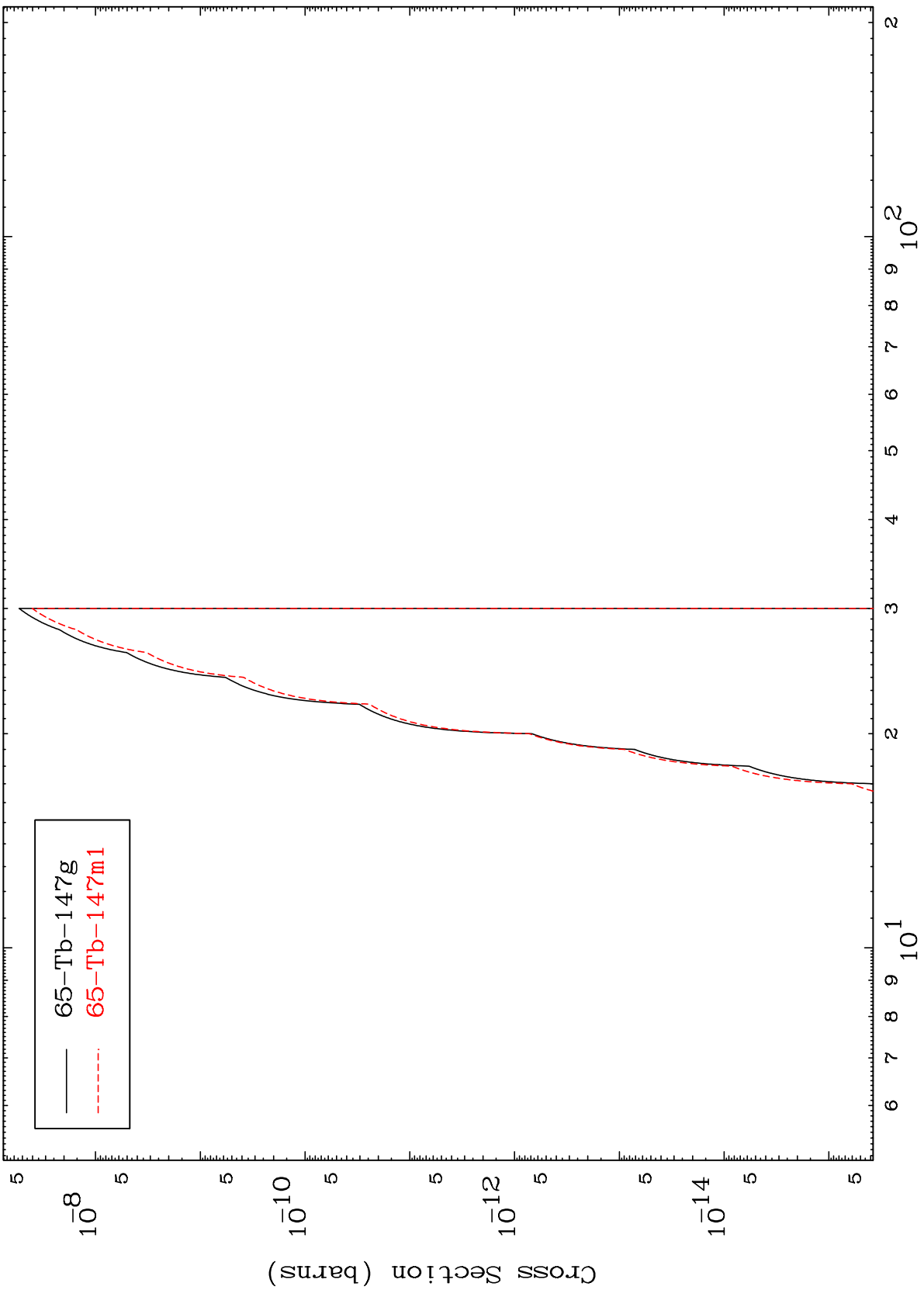
68-Er-153

MAT 6798

(γ, d) α

68-Er-153

Radionuclide Production Cross Section



65-Tb-147g
65-Tb-147m1

25

Incident Energy (MeV)

68-Er-153