

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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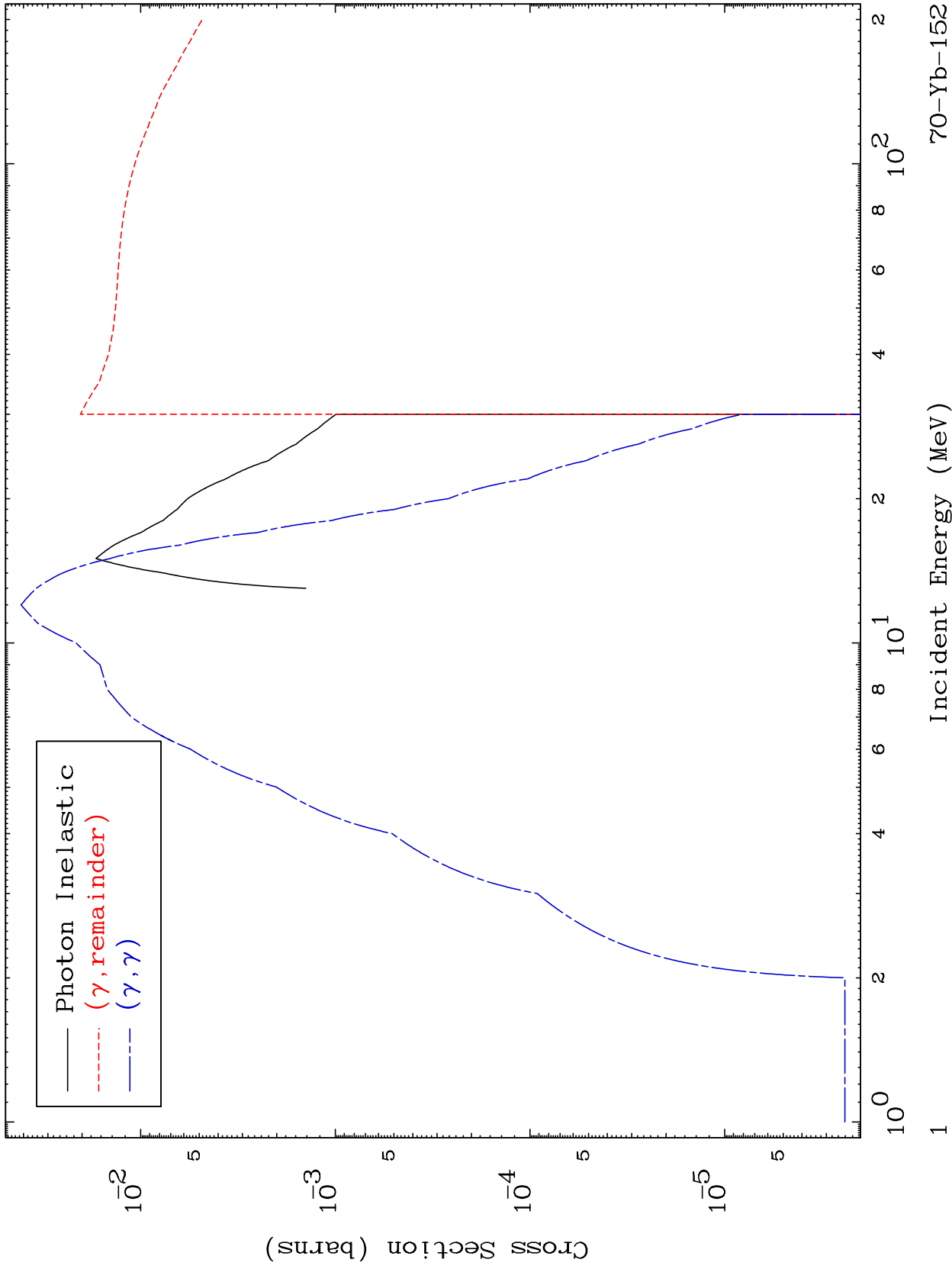
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

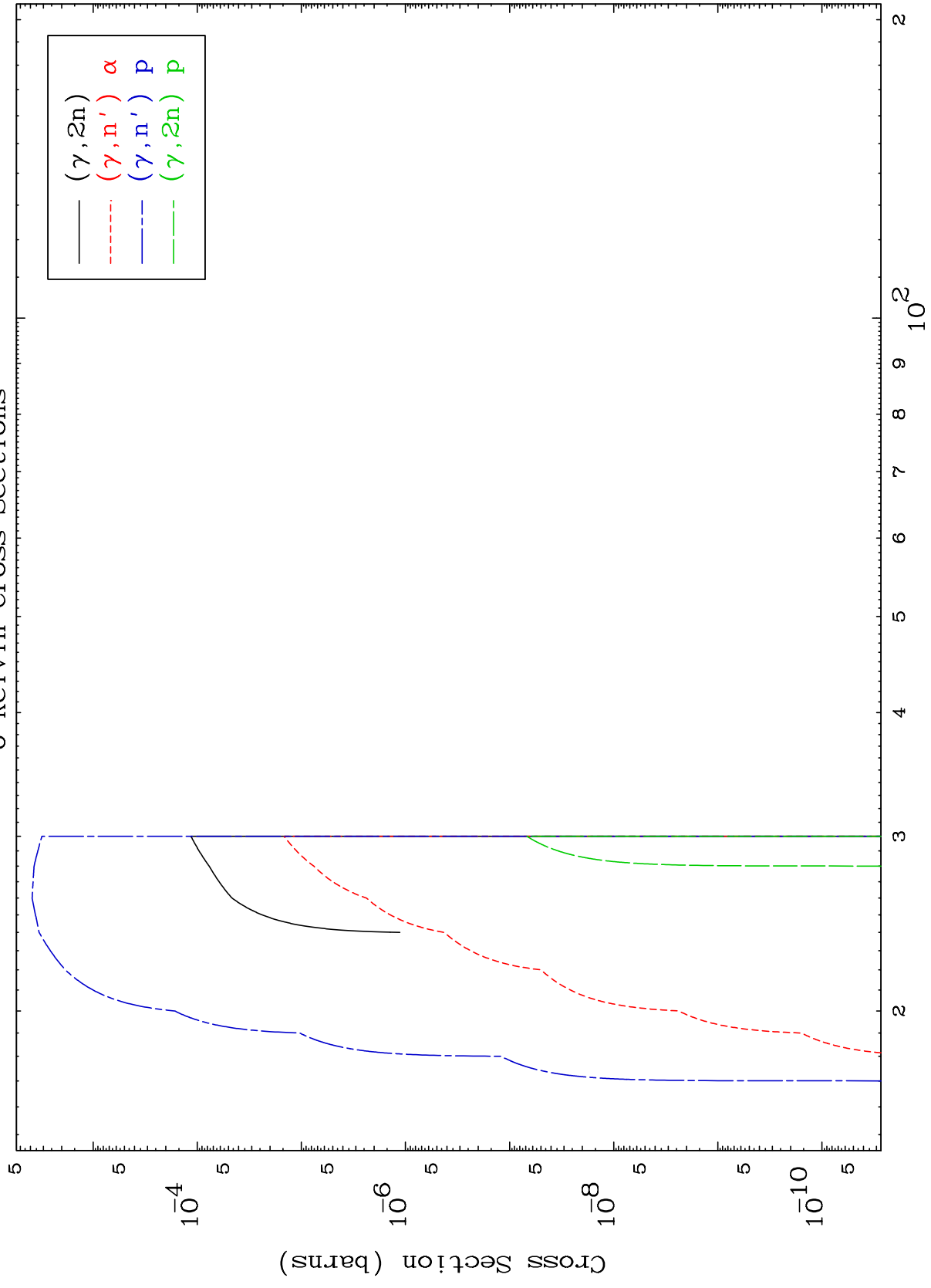
Press Mouse Button to Start

MAT 6977

0 Kelvin Major
Photon Cross Sections

70-Yb-152

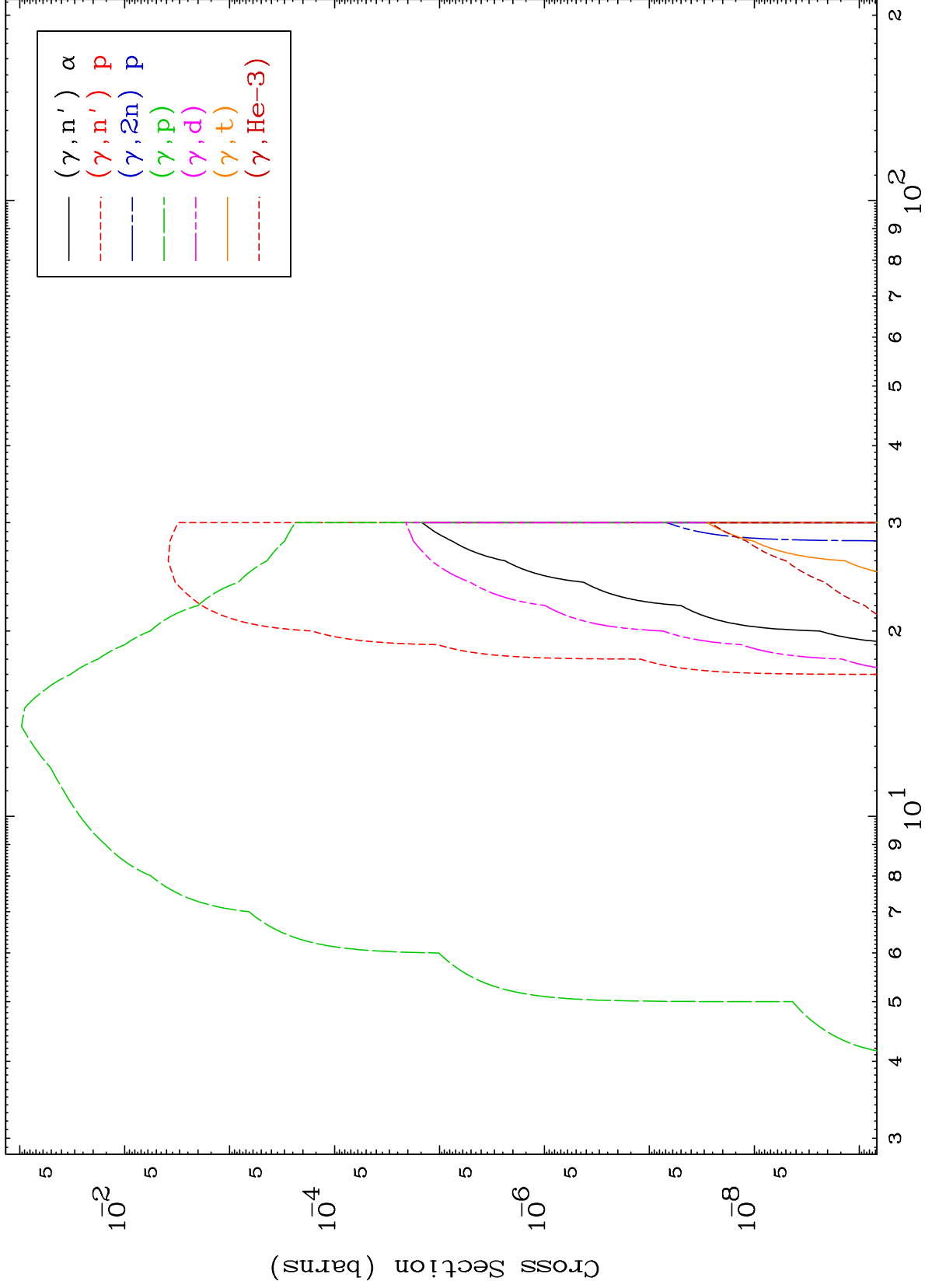




MAT 6977

Photon Charged Particle
0 Kelvin Cross Sections

70-Yb-152



3

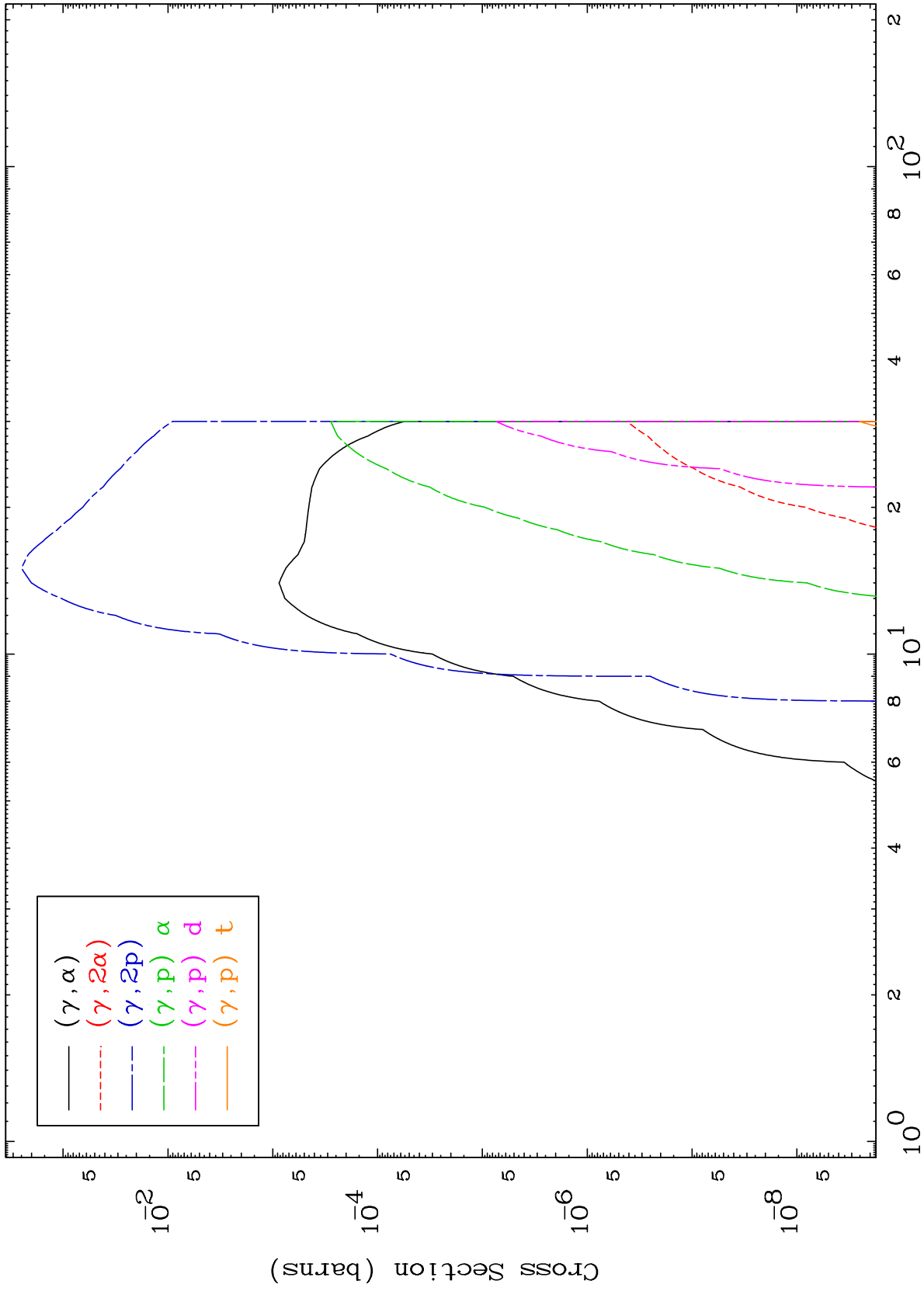
Incident Energy (MeV)

70-Yb-152

MAT 6977

Photon Charged Particle
0 Kelvin Cross Sections

70-Yb-152



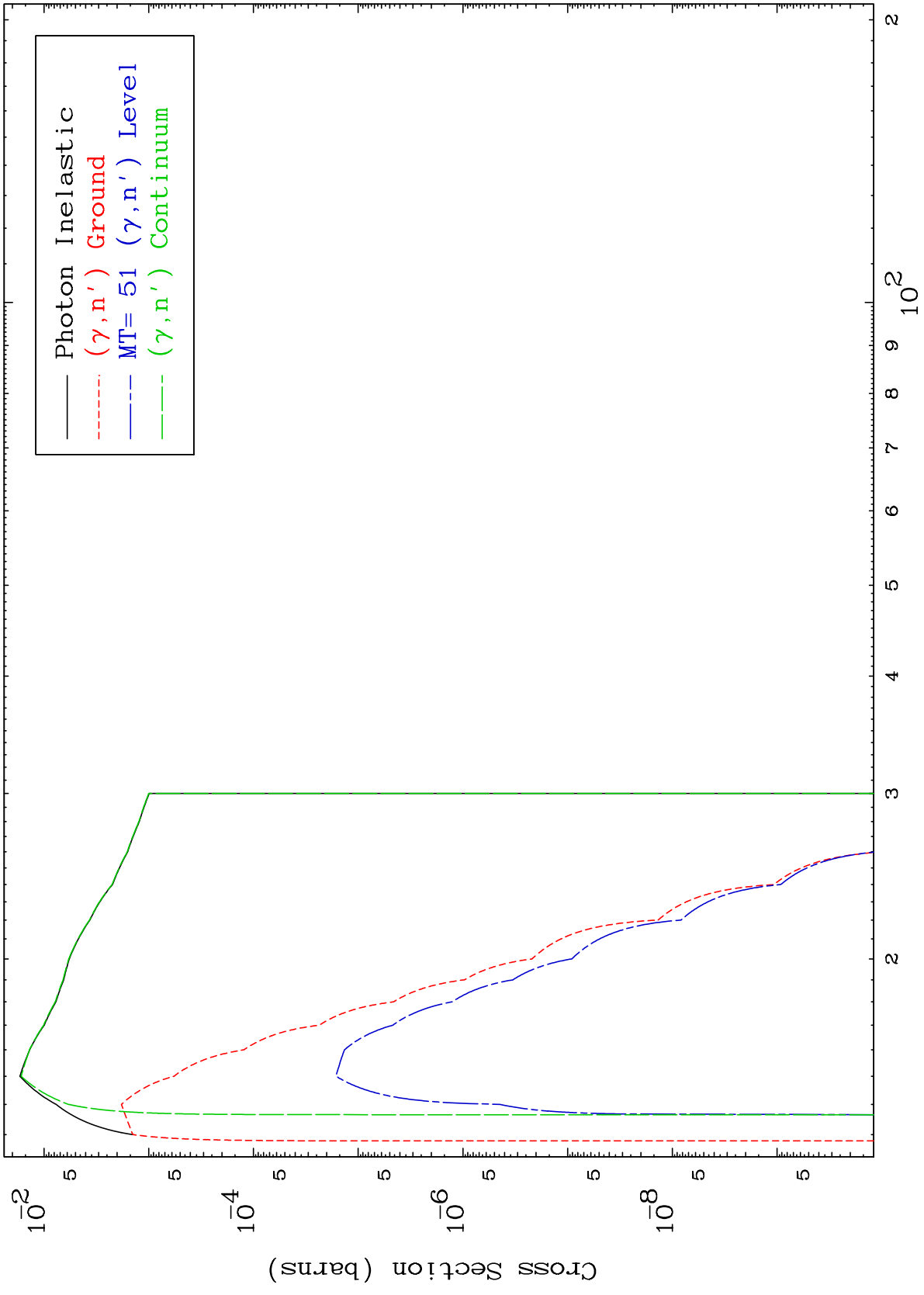
Incident Energy (MeV)

70-Yb-152

MAT 6977

(γ, n') Level
0 Kelvin Cross Sections

70-Yb-152



5

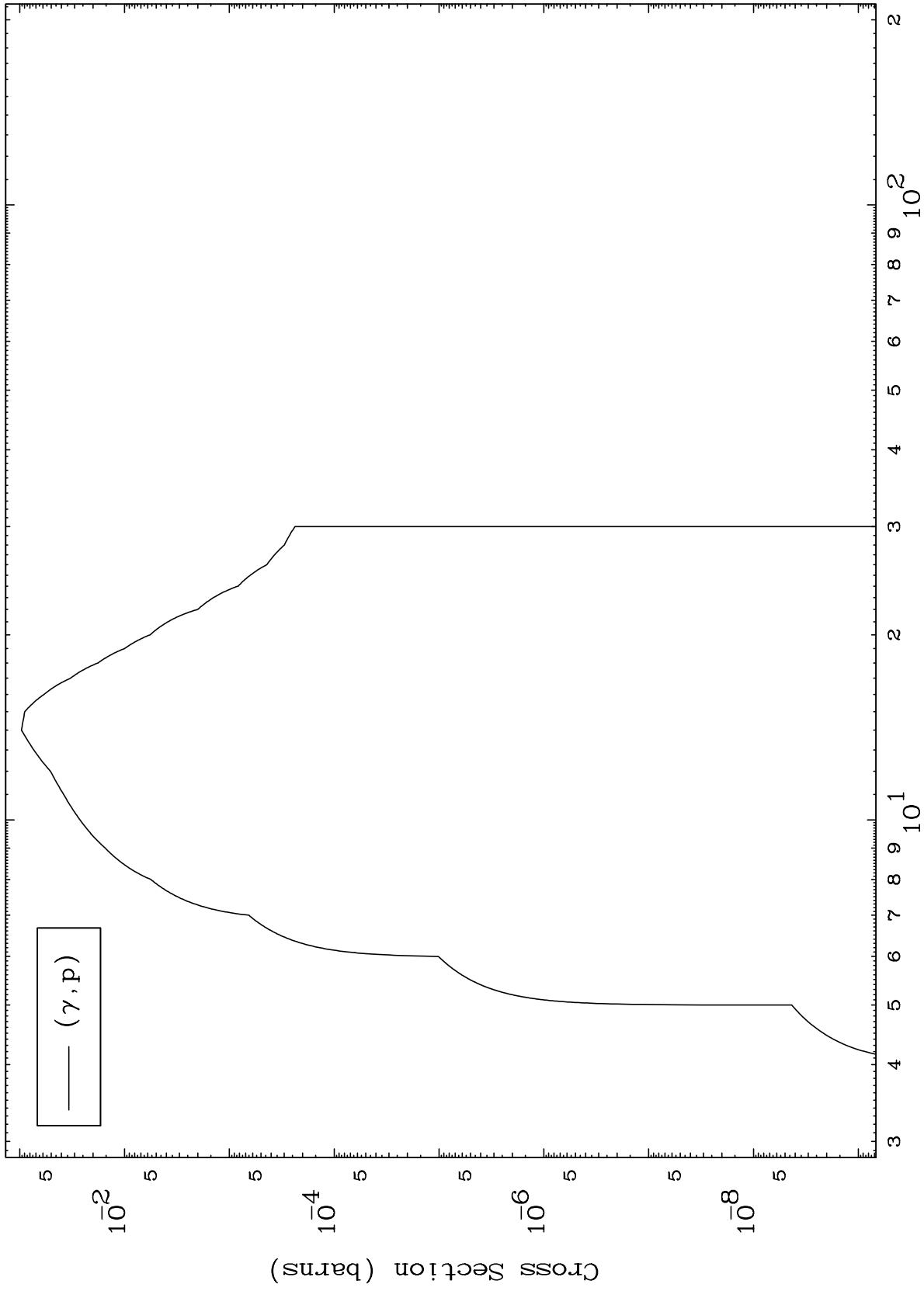
Incident Energy (MeV)

70-Yb-152

MAT 6977

(γ, p) Levels
0 Kelvin Cross Sections

70-Yb-152



6

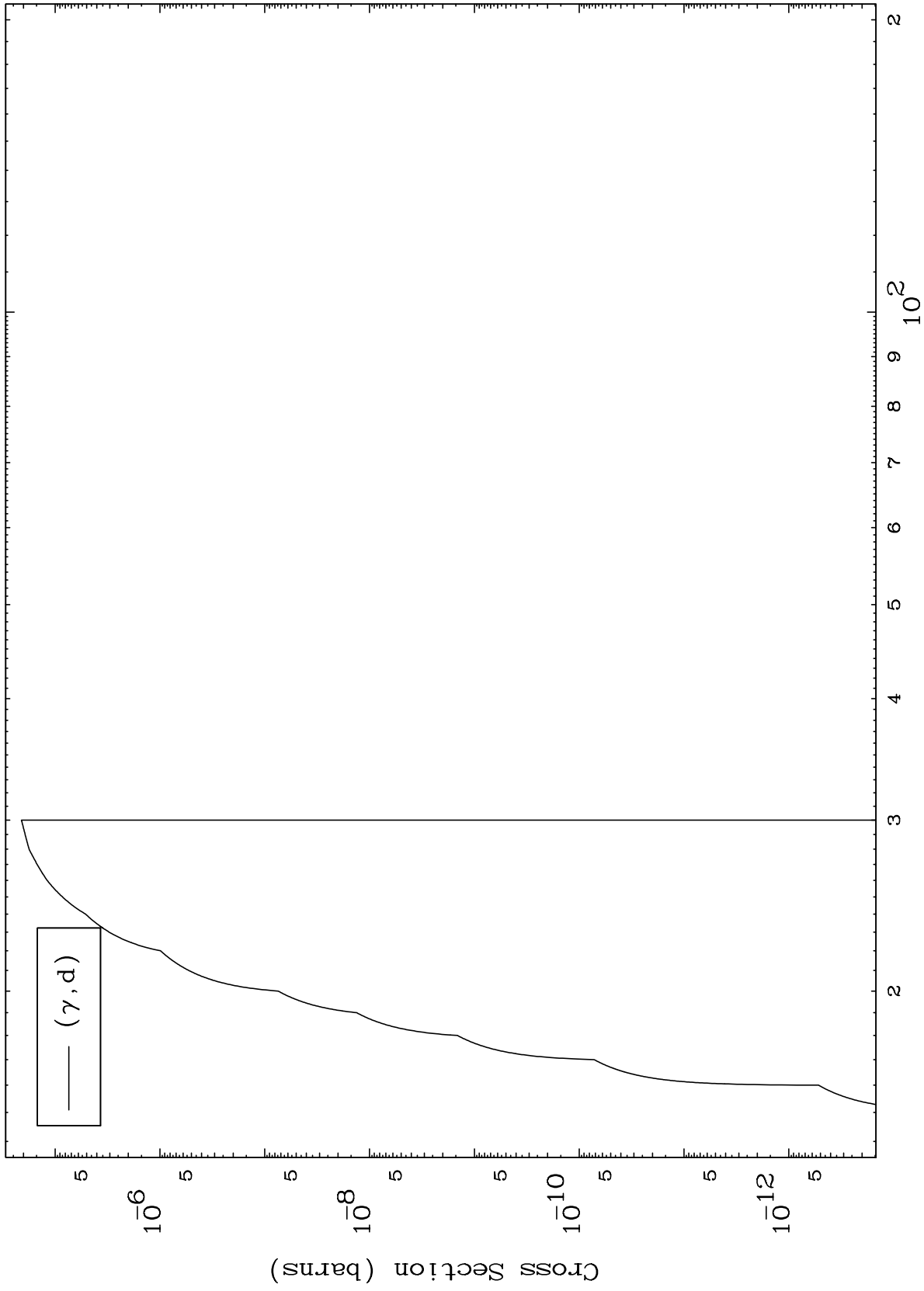
Incident Energy (MeV)

70-Yb-152

MAT 6977

(γ, d) Levels
0 Kelvin Cross Sections

70-Yb-152



7

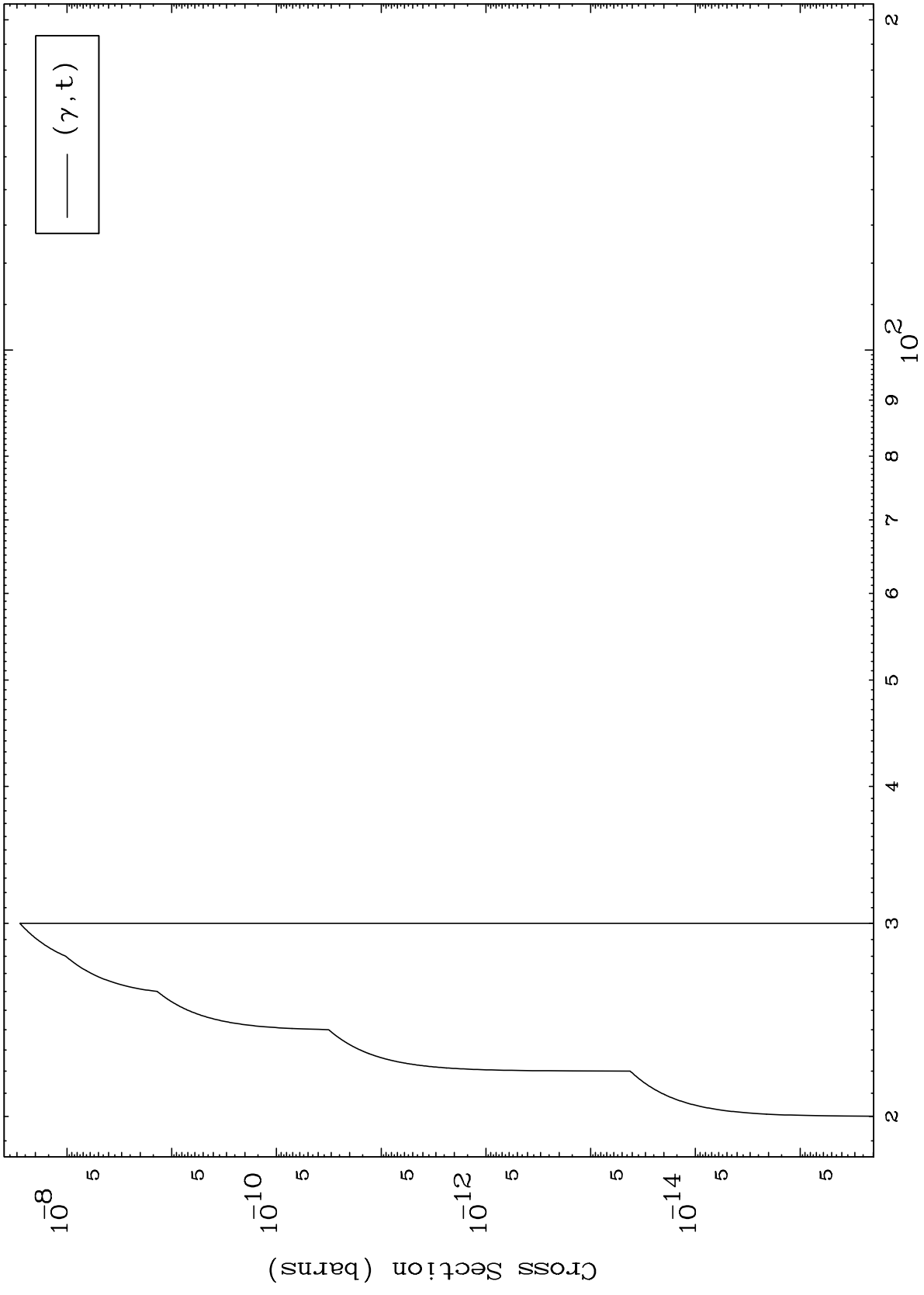
Incident Energy (MeV)

70-Yb-152

MAT 6977

(γ, t) Levels
0 Kelvin Cross Sections

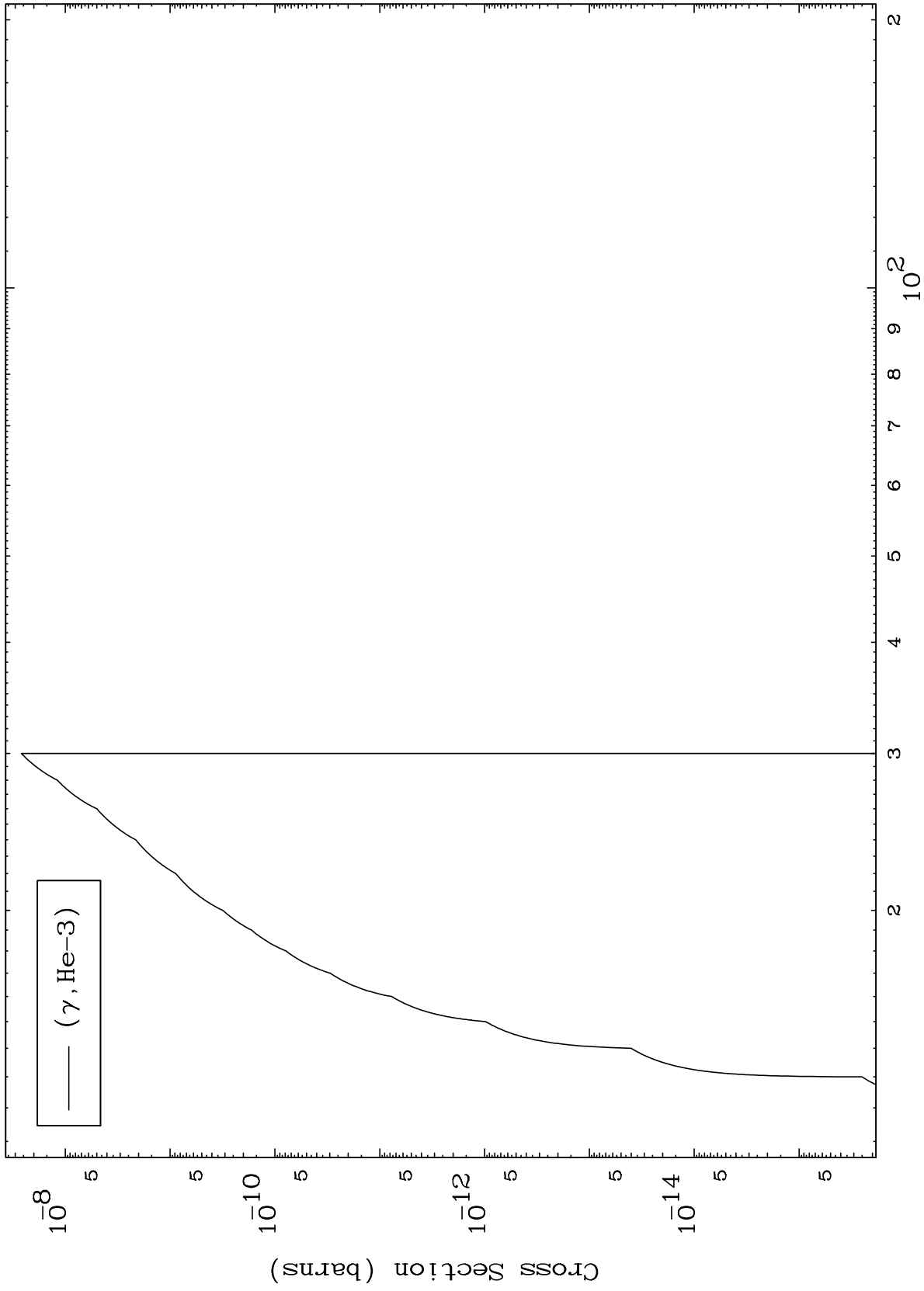
70-Yb-152



8

Incident Energy (MeV)

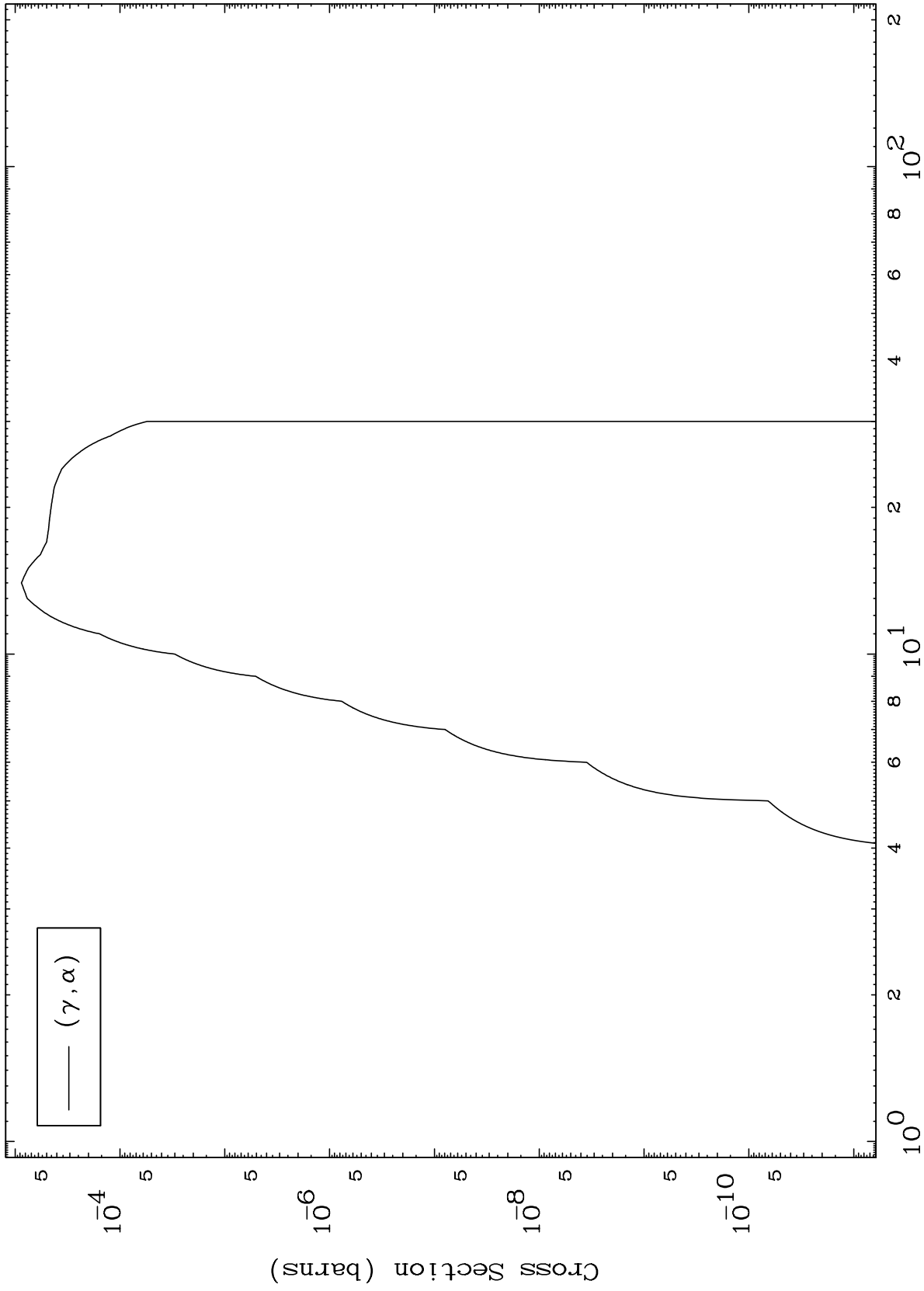
70-Yb-152



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(γ, α) Levels
0 Kelvin Cross Sections

70-Yb-152



Incident Energy (MeV)

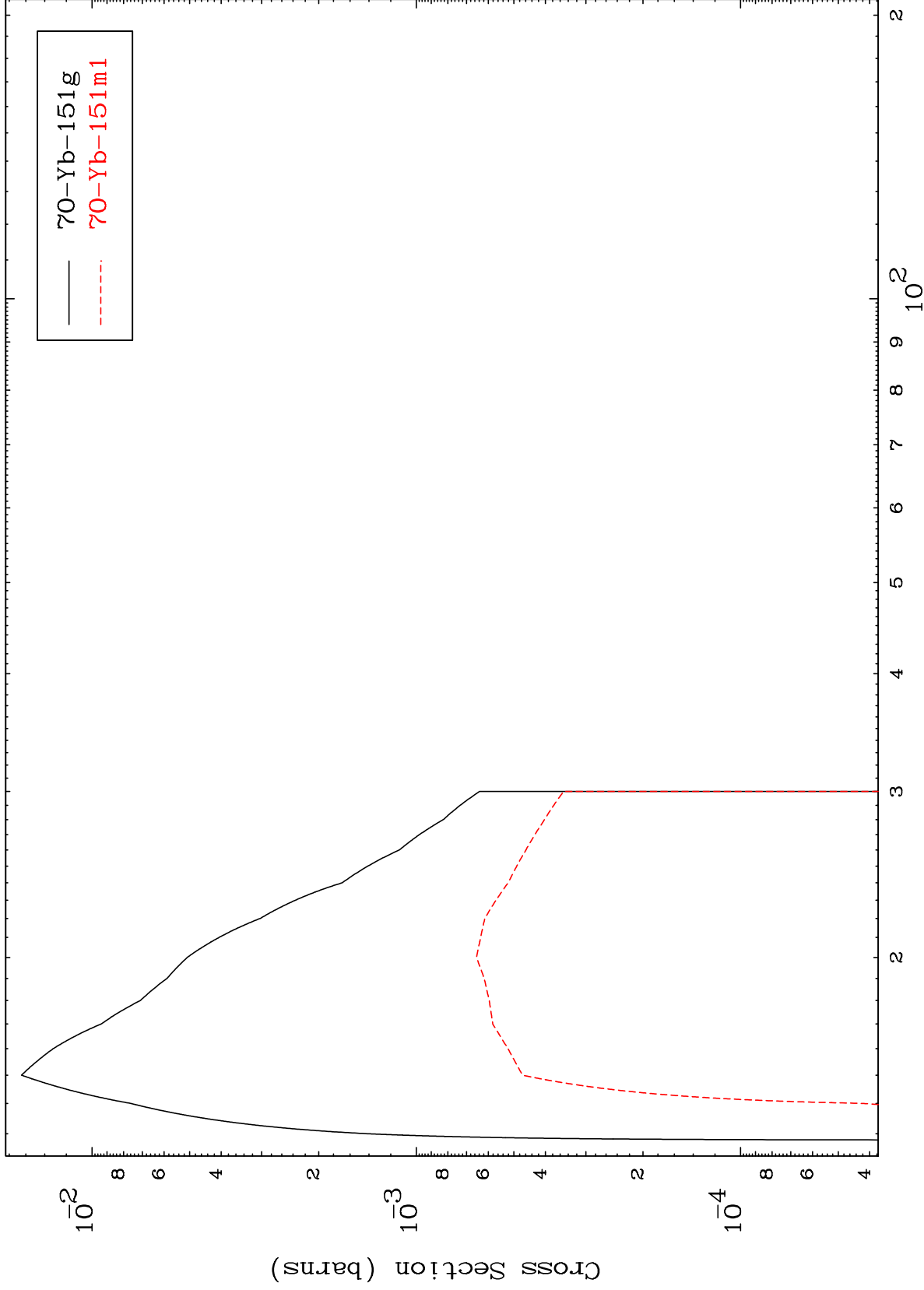
70-Yb-152

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Photon Inelastic

⁷⁰Yb-152

Radionuclide Production Cross Section



11

Incident Energy (MeV)

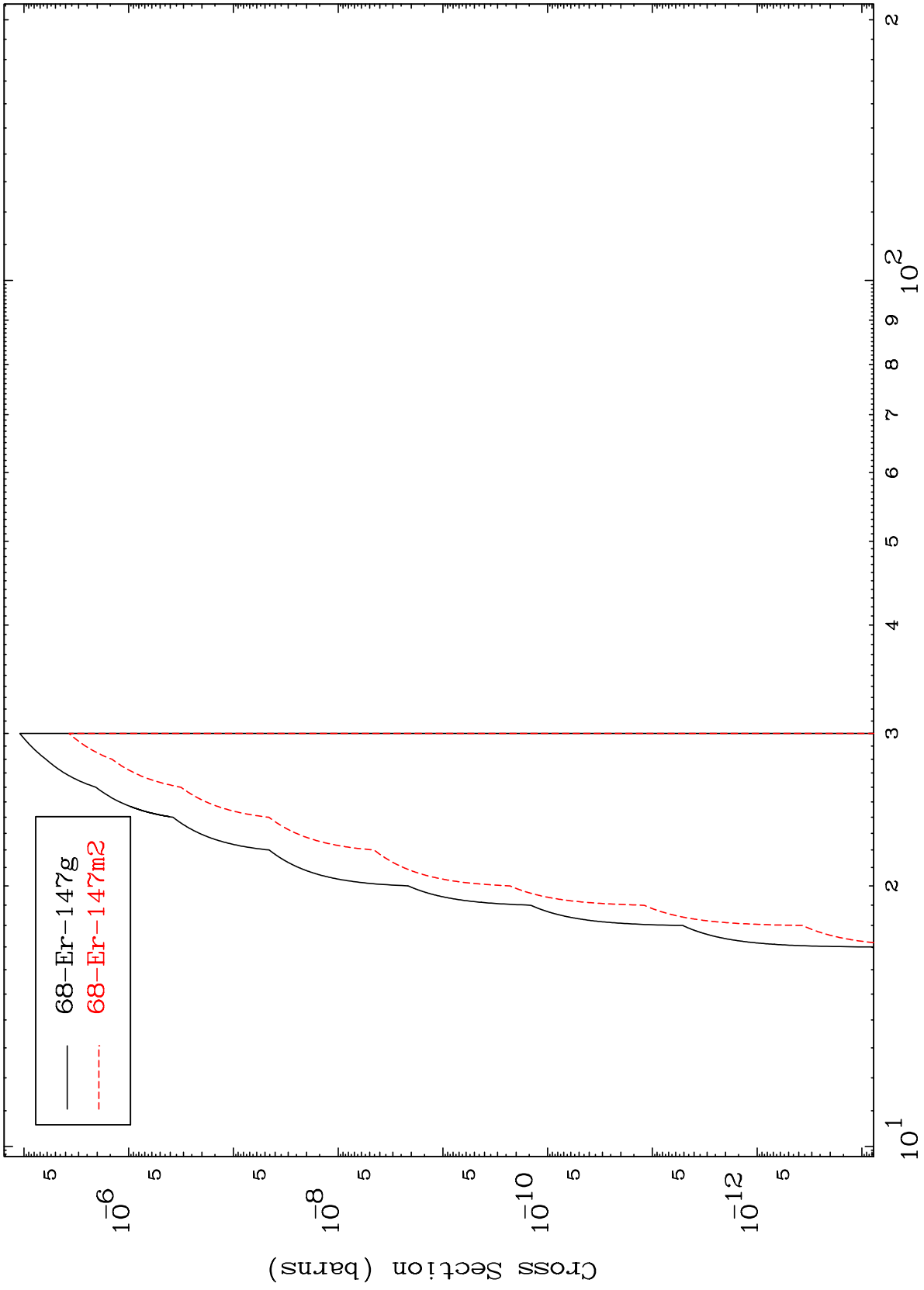
⁷⁰Yb-152

MAT 6977

(γ, n') α

70-Yb-152

Radionuclide Production Cross Section



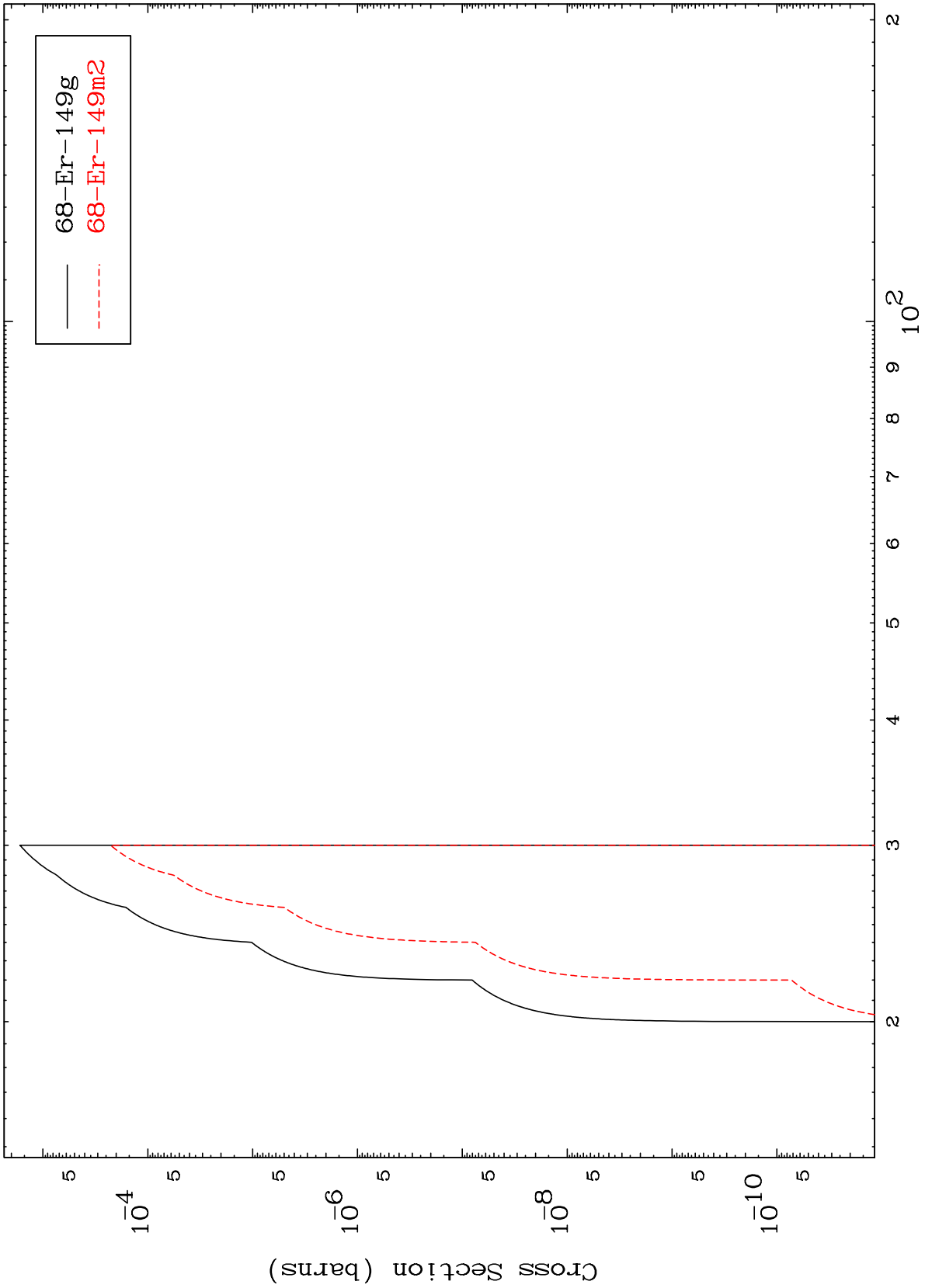
68-Er-147g
68-Er-147m2

MAT 6977

($\gamma, 2n$) p

70-Yb-152

Radionuclide Production Cross Section



13

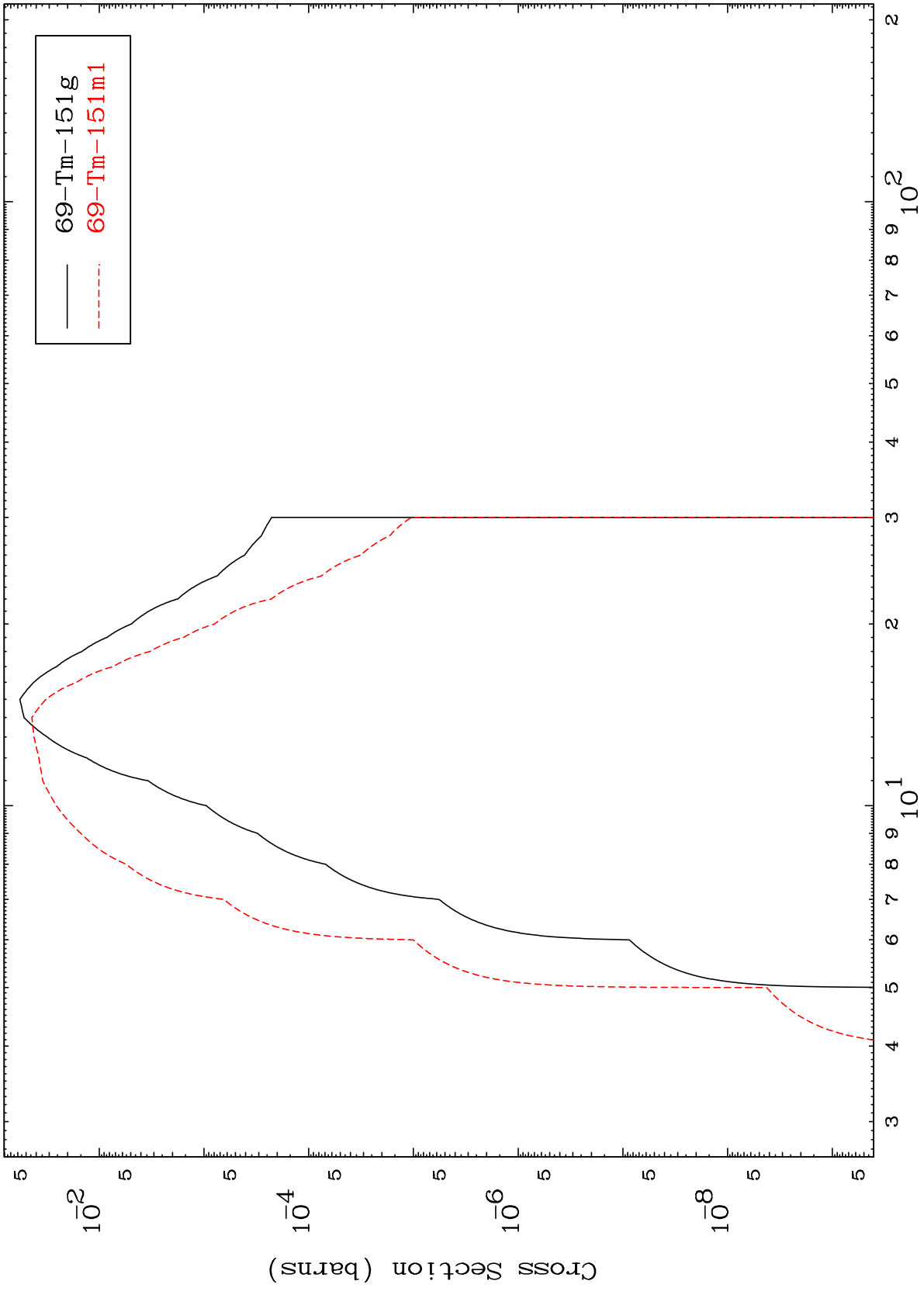
Incident Energy (MeV)

70-Yb-152

MAT 6977

70-Yb-152

Radionuclide Production Cross Section
(γ, p)



14

Incident Energy (MeV)

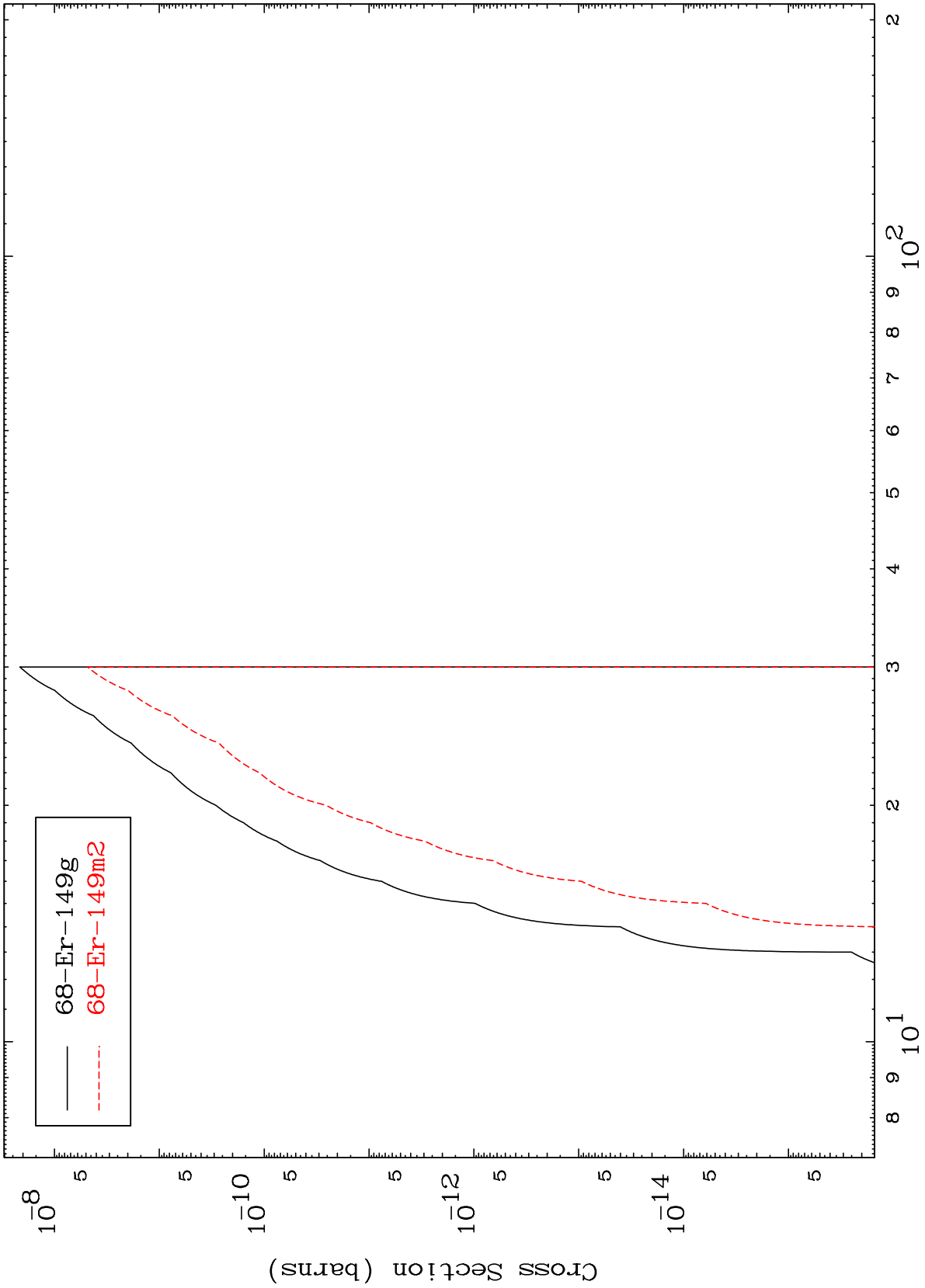
70-Yb-152

MAT 6977

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

70-Yb-152

Radionuclide Production Cross Section



15

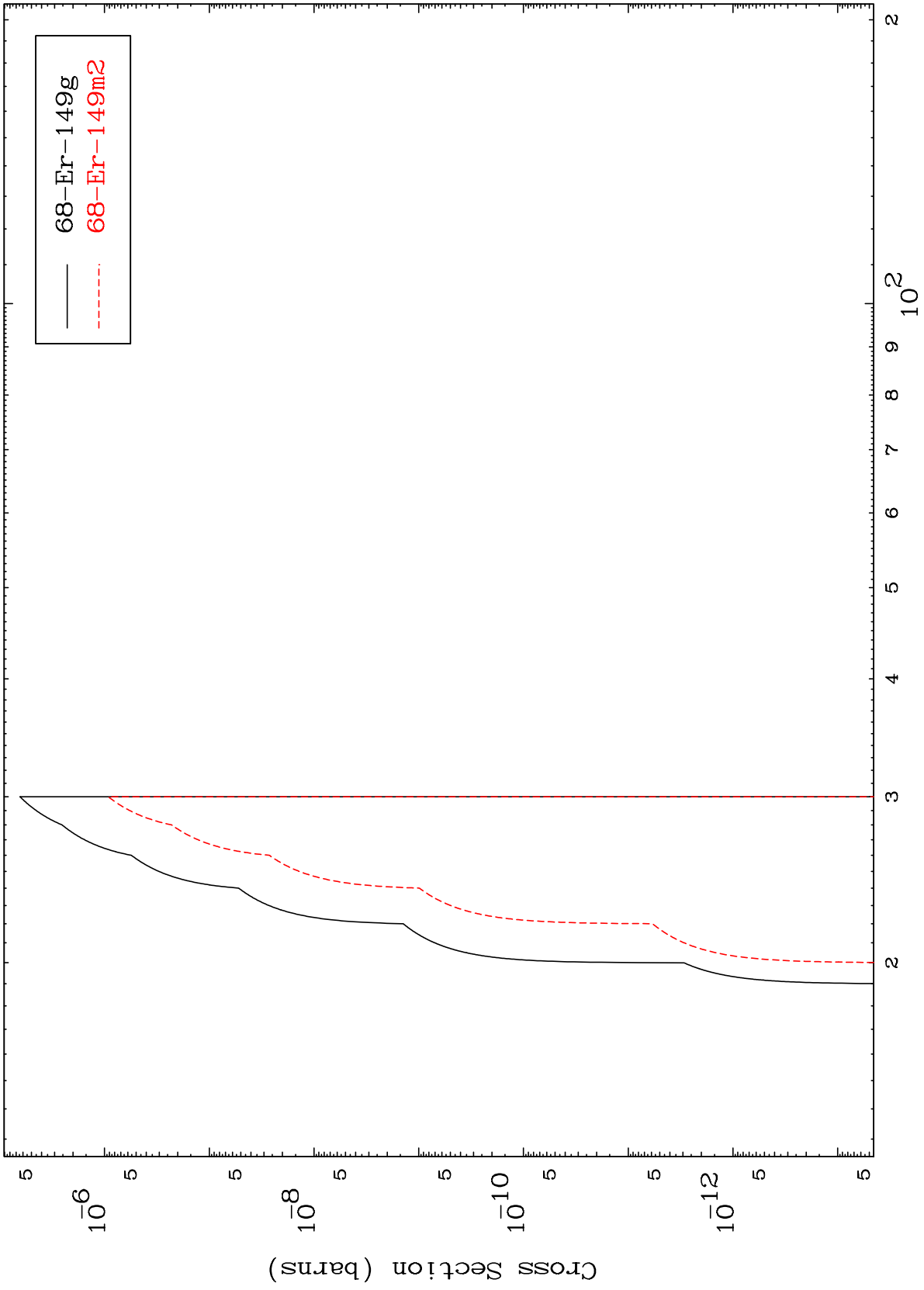
70-Yb-152

MAT 6977

(γ, p) d

70-Yb-152

Radionuclide Production Cross Section



16

Incident Energy (MeV)

70-Yb-152