

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

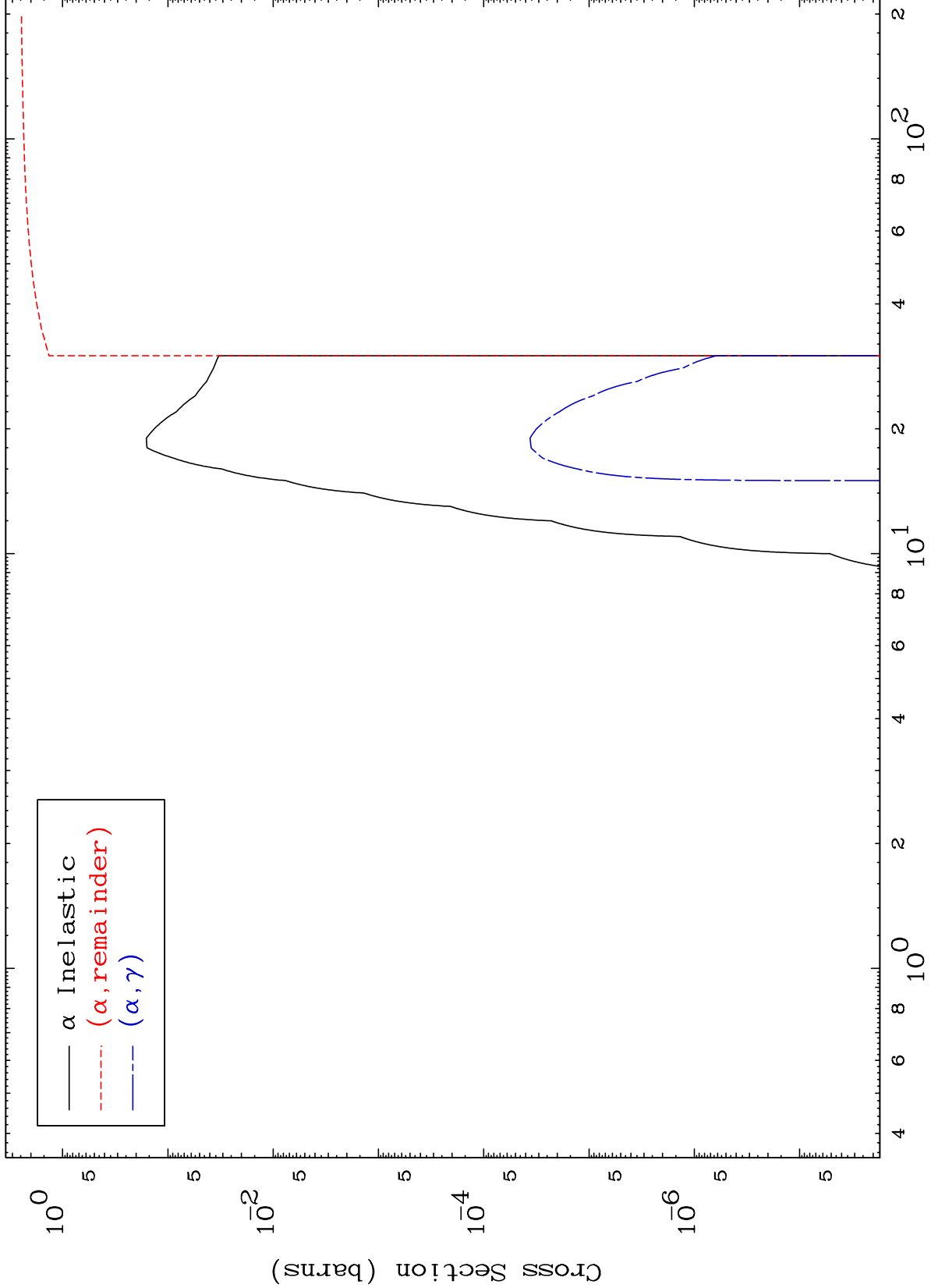
Press Mouse Button to Start

MAT 6328

α Major

63-Eu-152

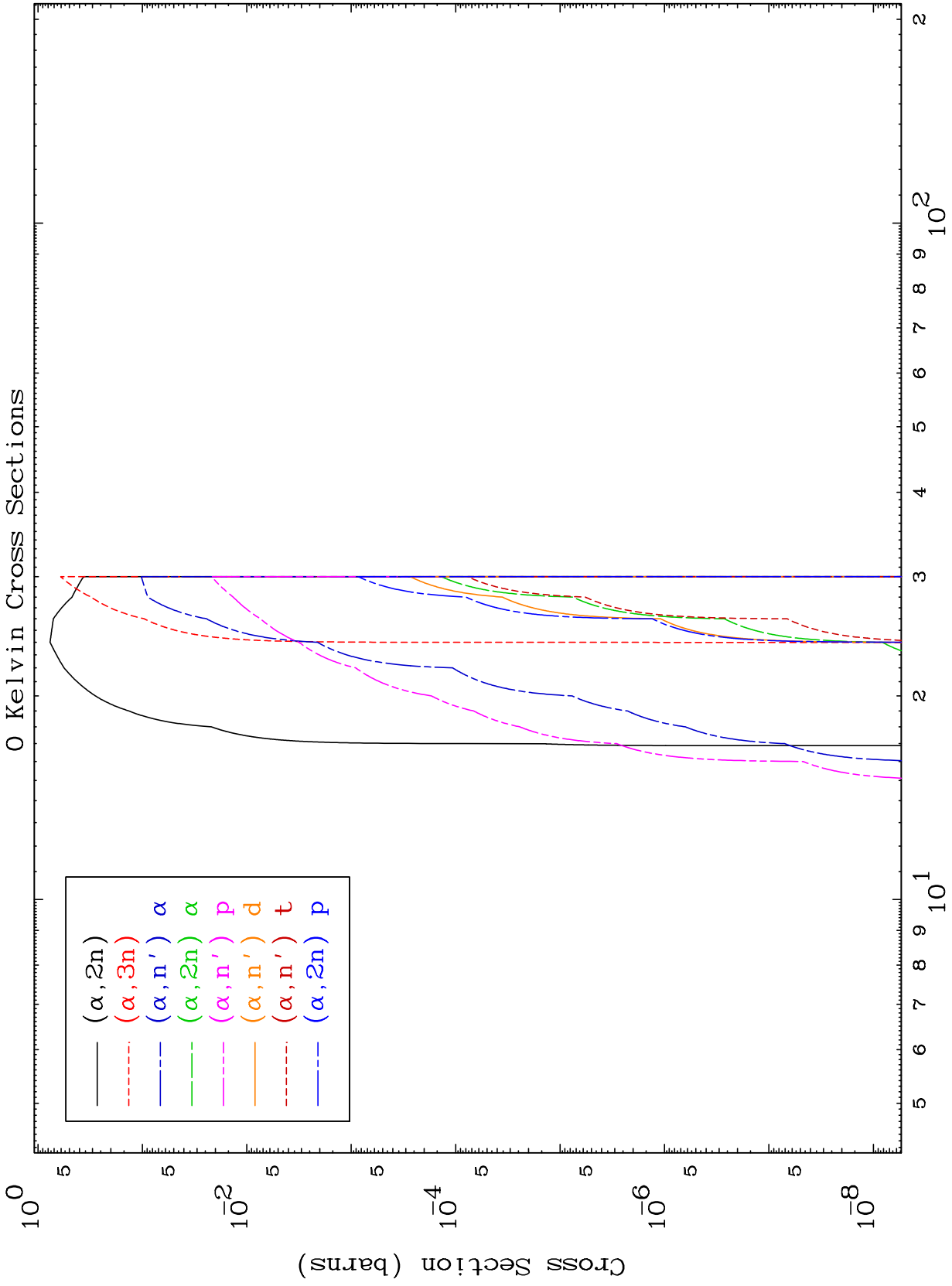
0 Kelvin Cross Sections

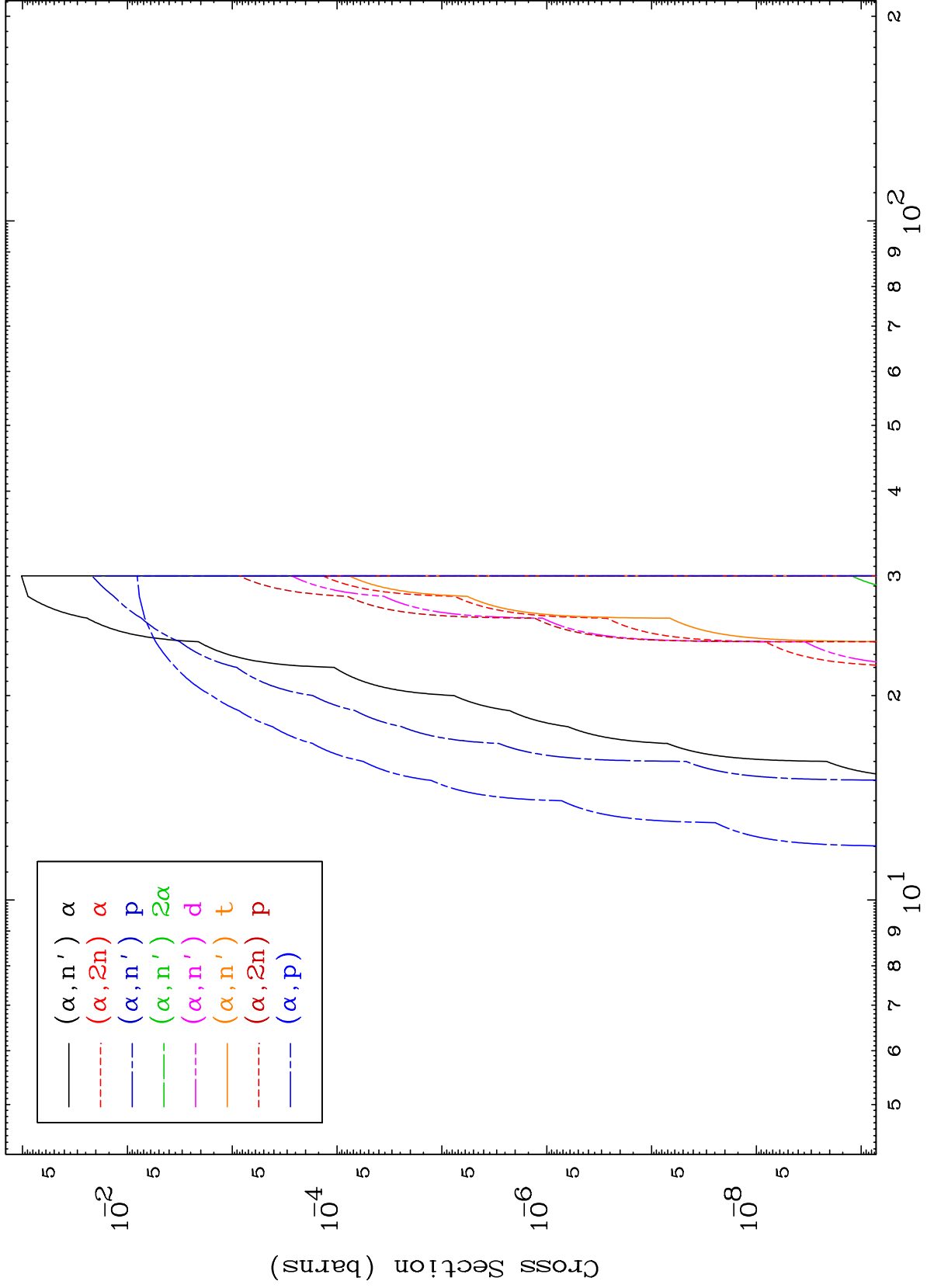


1

Incident Energy (MeV)

63-Eu-152

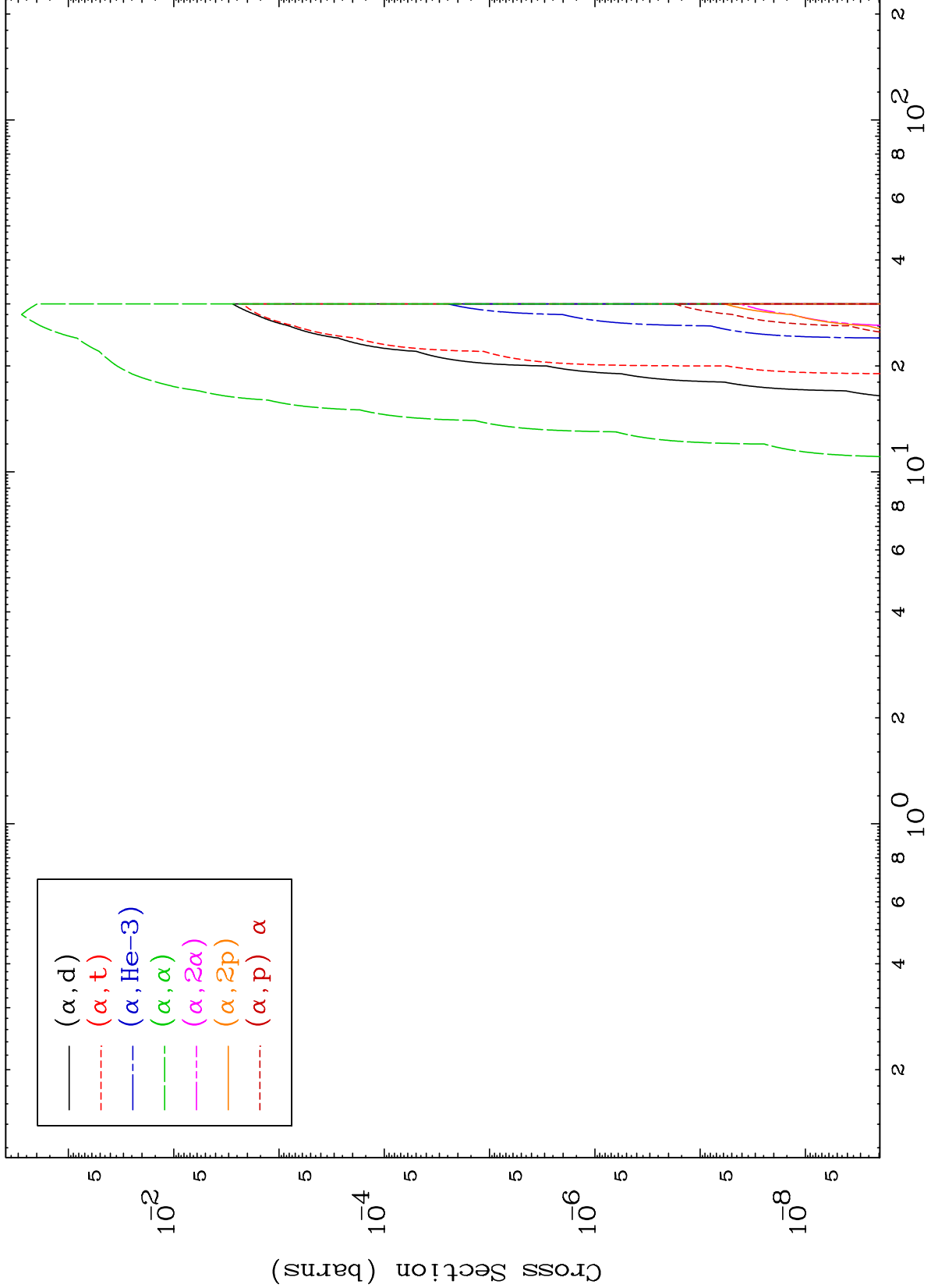




MAT 6328

α Charged Particle
0 Kelvin Cross Sections

63-Eu-152

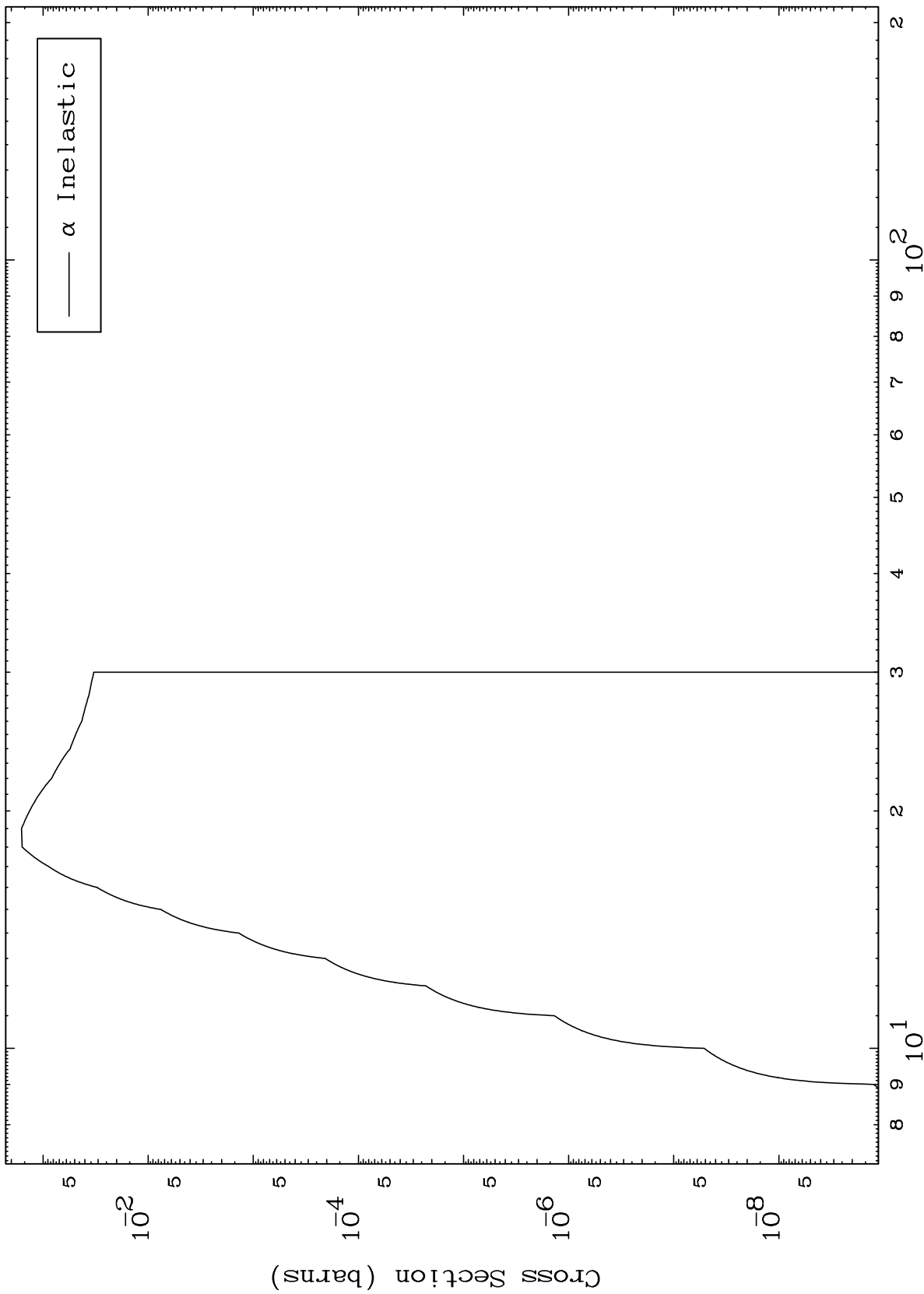


MAT 6328

(α, n') Level

63-Eu-152

0 Kelvin Cross Sections



5

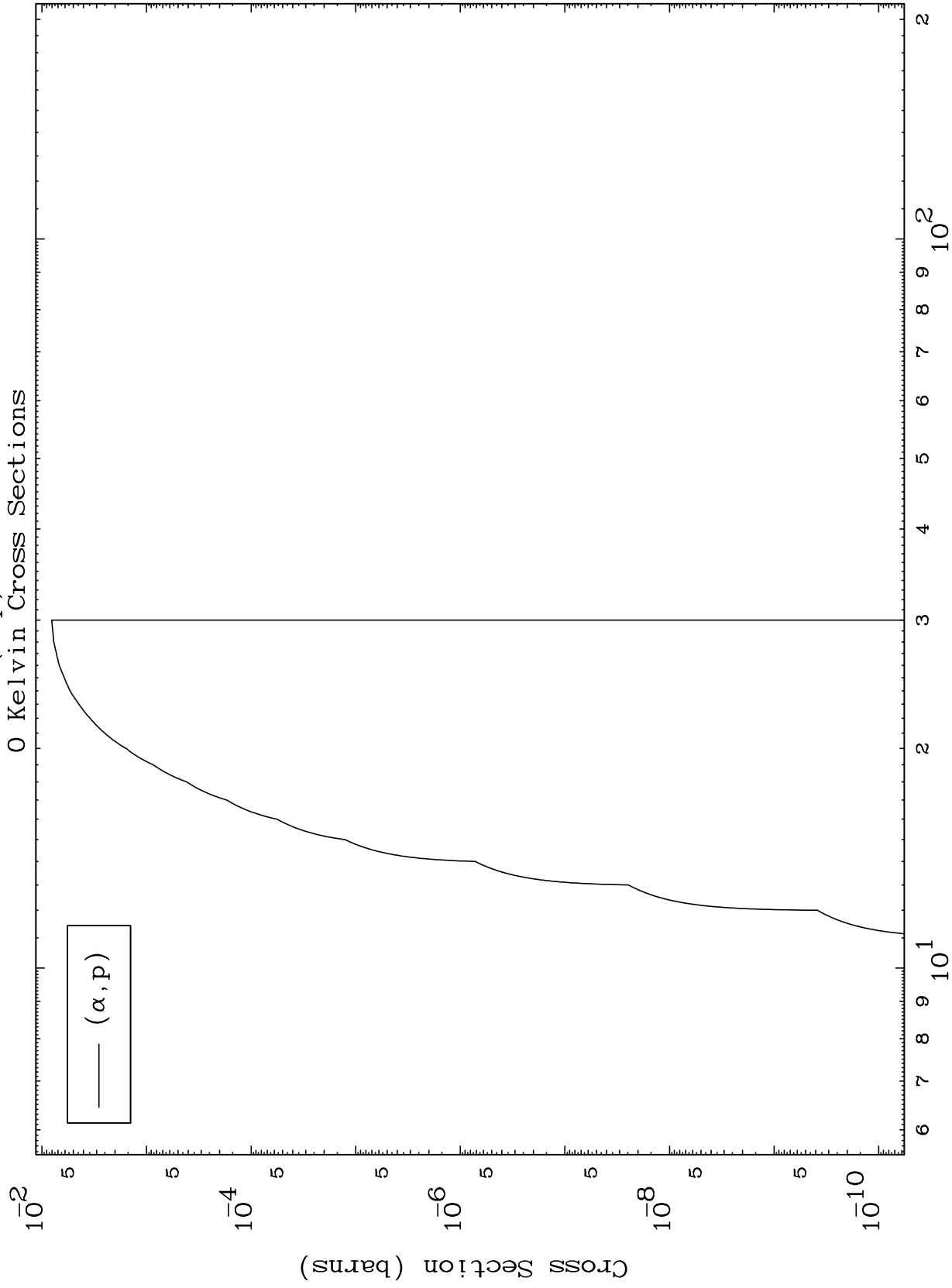
Incident Energy (MeV)

63-Eu-152

MAT 6328

(α, p) Levels

63-Eu-152



6

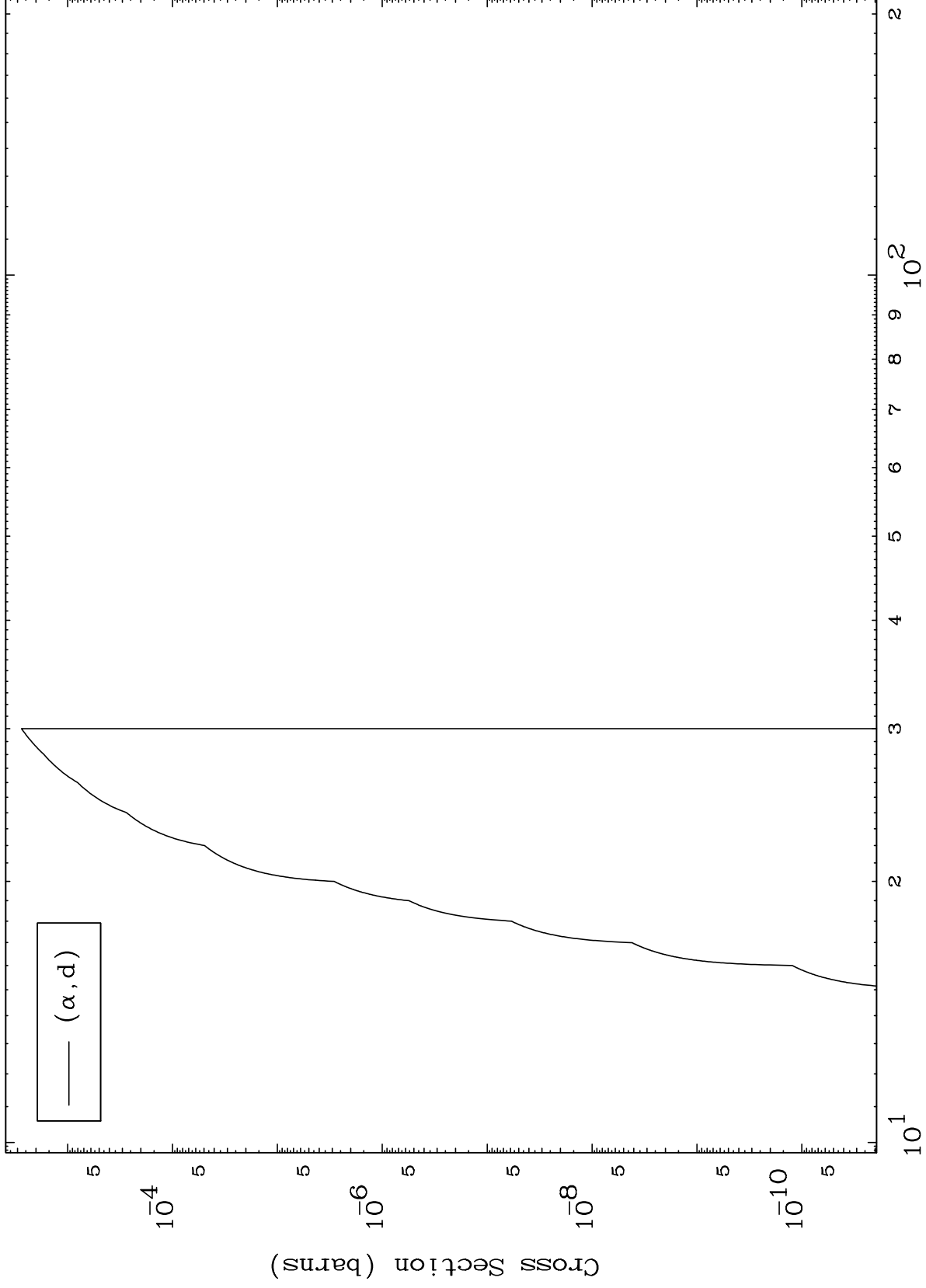
Incident Energy (MeV)

63-Eu-152

MAT 6328

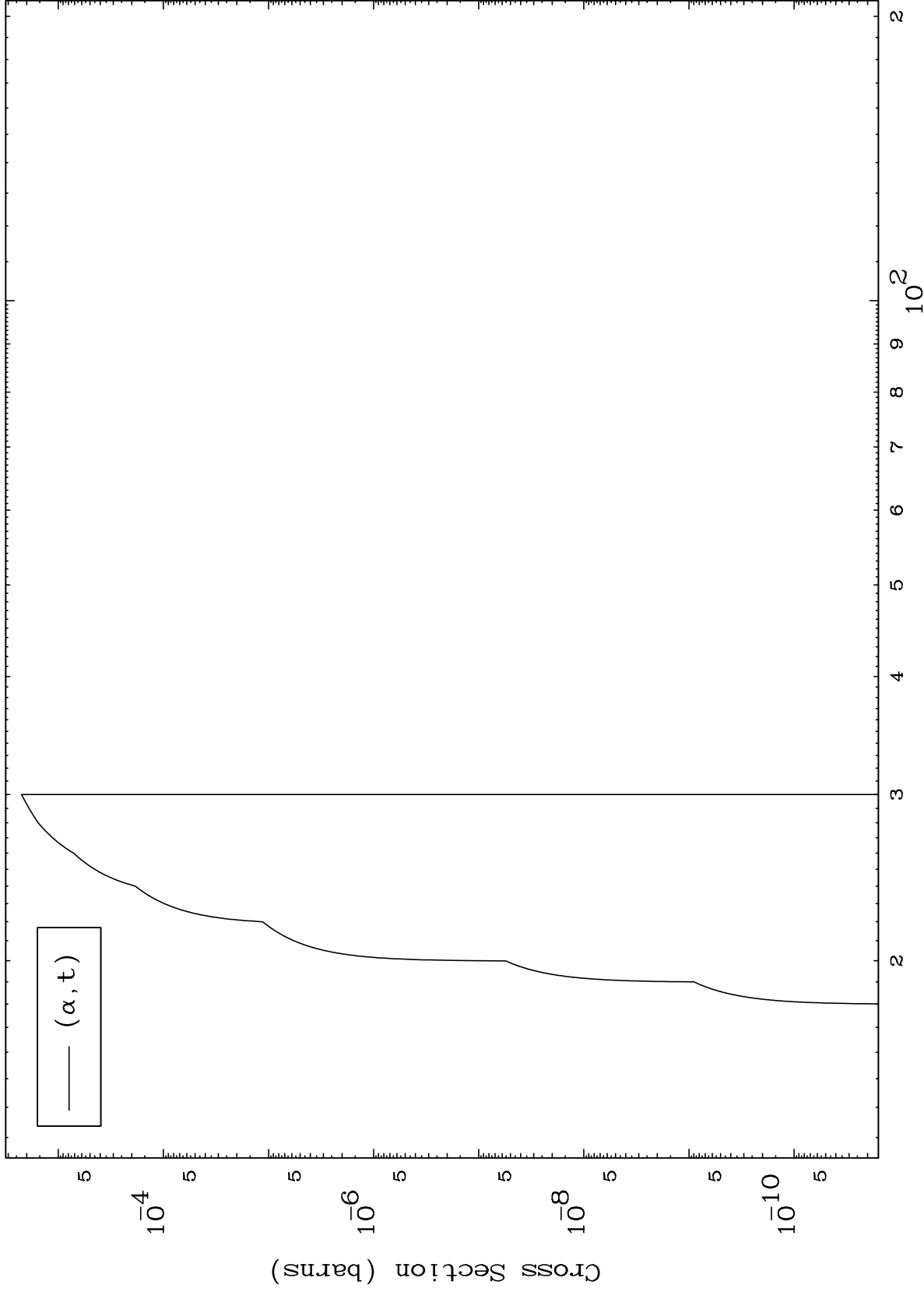
(α, d) Levels
0 Kelvin Cross Sections

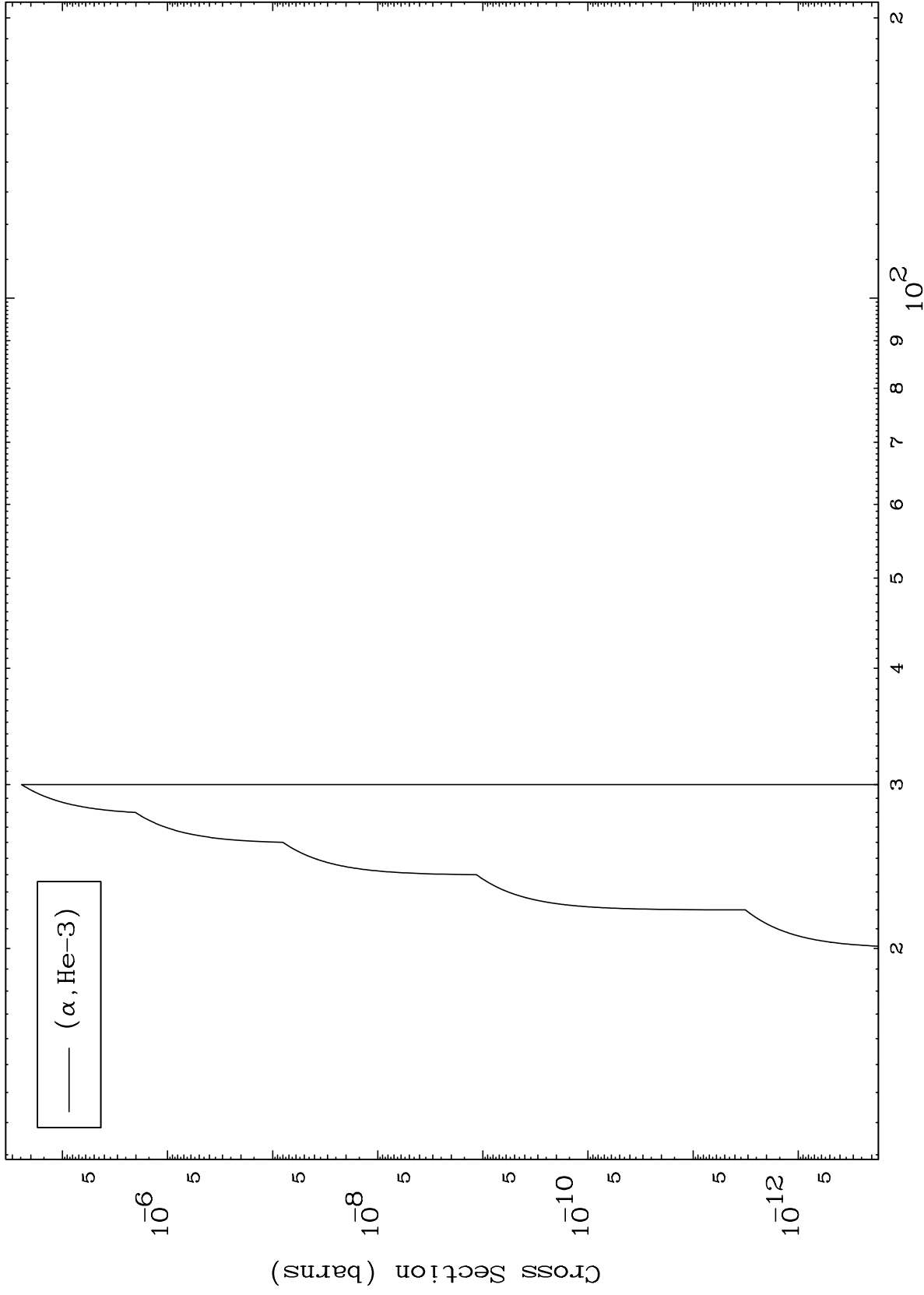
63-Eu-152



Incident Energy (MeV)

63-Eu-152



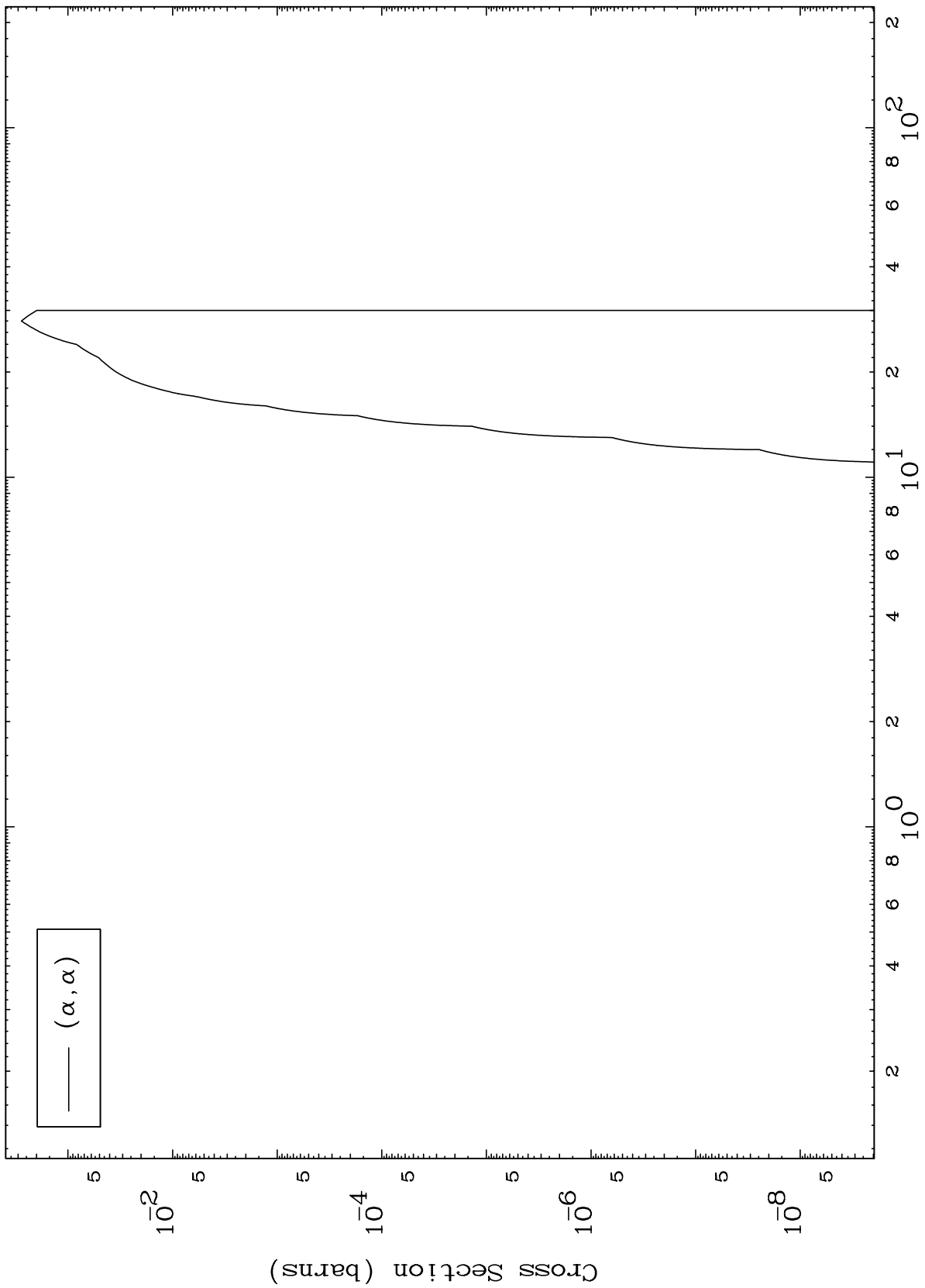


MAT 6328

(α, α) Levels

63-Eu-152

0 Kelvin Cross Sections



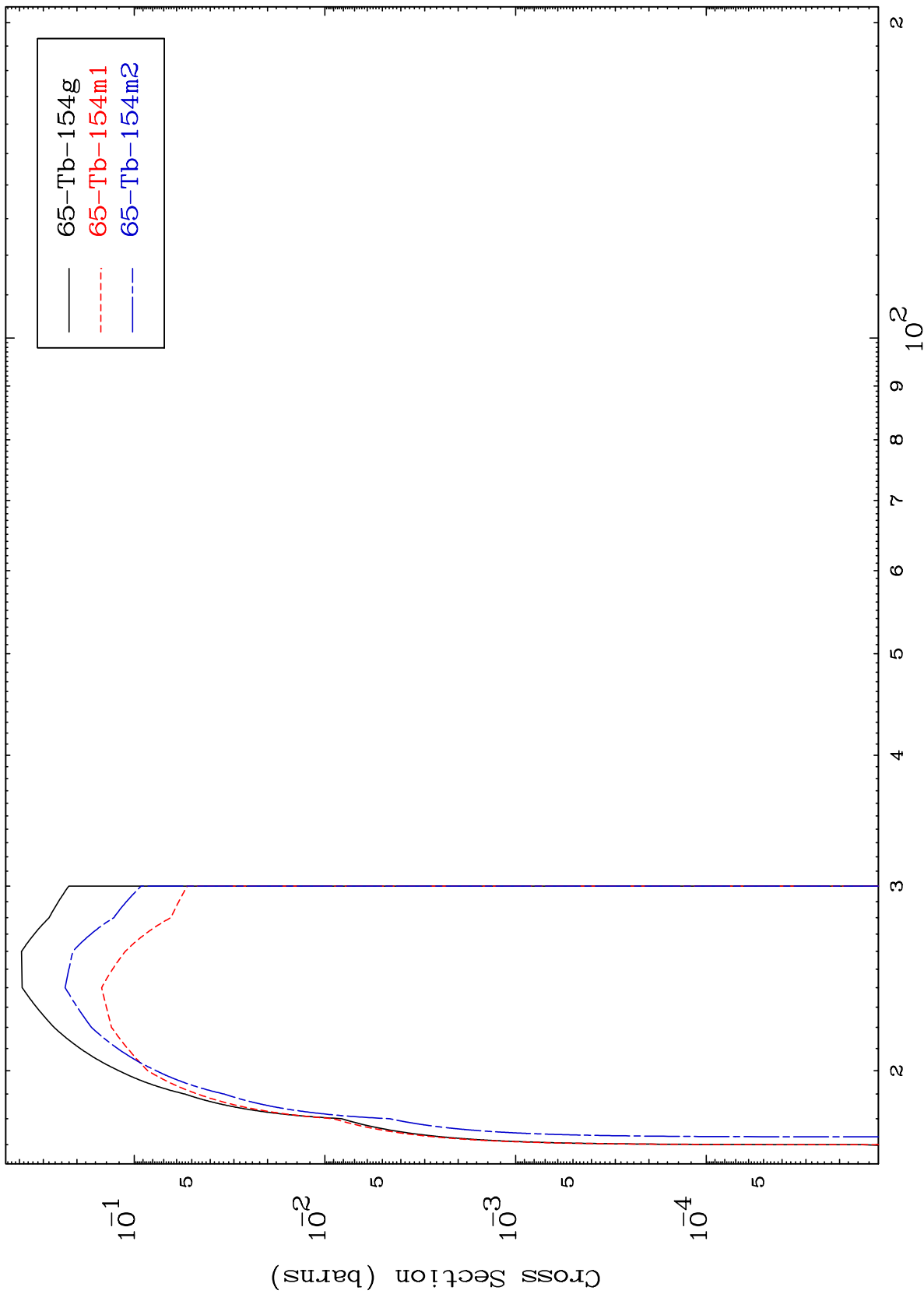
(α, α)

10

Incident Energy (MeV)

63-Eu-152

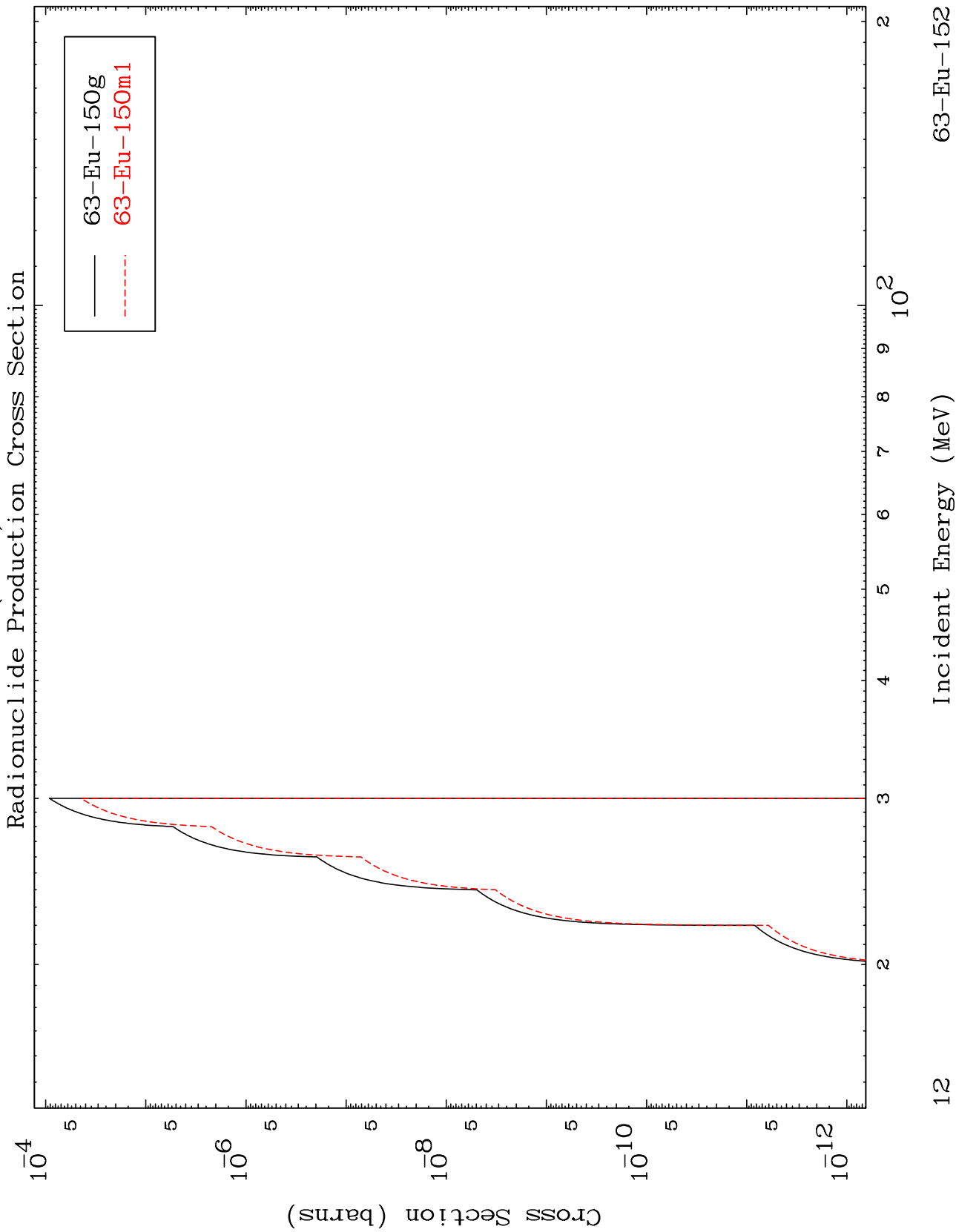
($\alpha, 2n$)
Radionuclide Production Cross Section



MAT 6328

$(\alpha, 2n) \alpha$

63-Eu-152



12

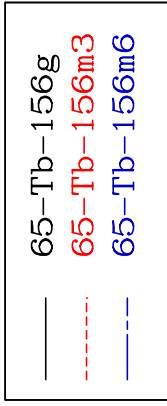
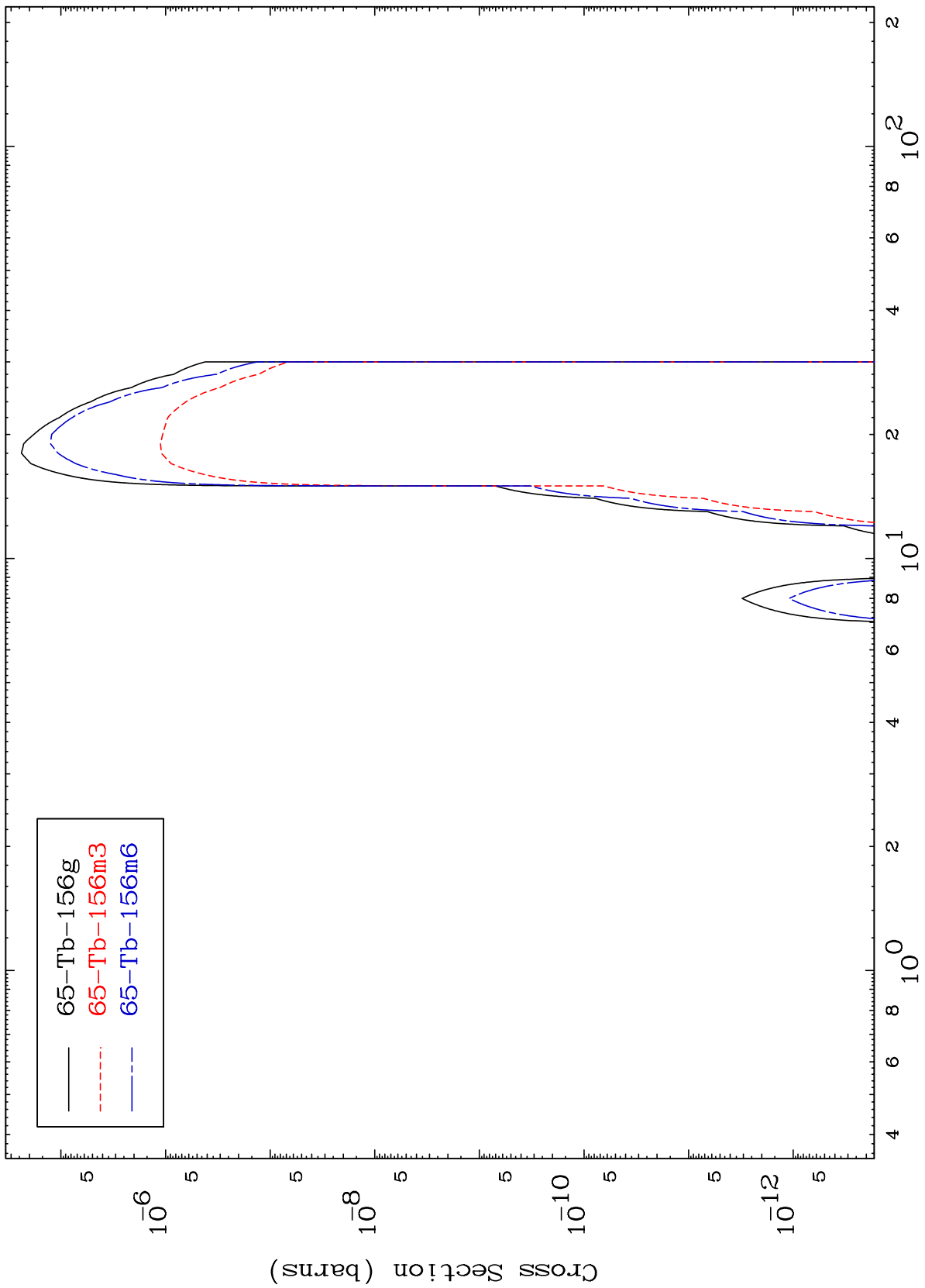
63-Eu-152

MAT 6328

63-Eu-152

(α, γ)

Radionuclide Production Cross Section



13

Incident Energy (MeV)

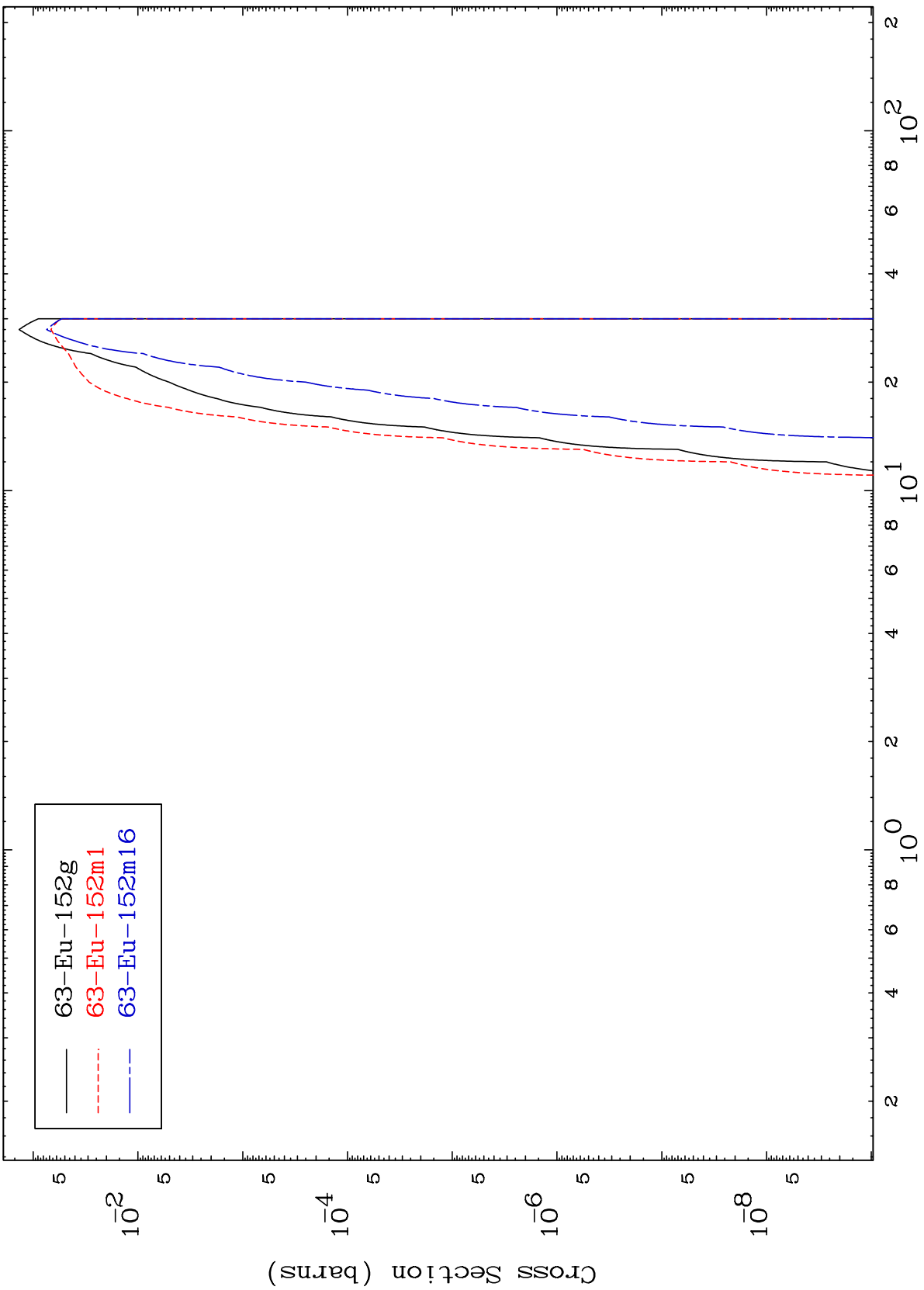
63-Eu-152

MAT 6328

(α, α)

63-Eu-152

Radionuclide Production Cross Section



14

Incident Energy (MeV)

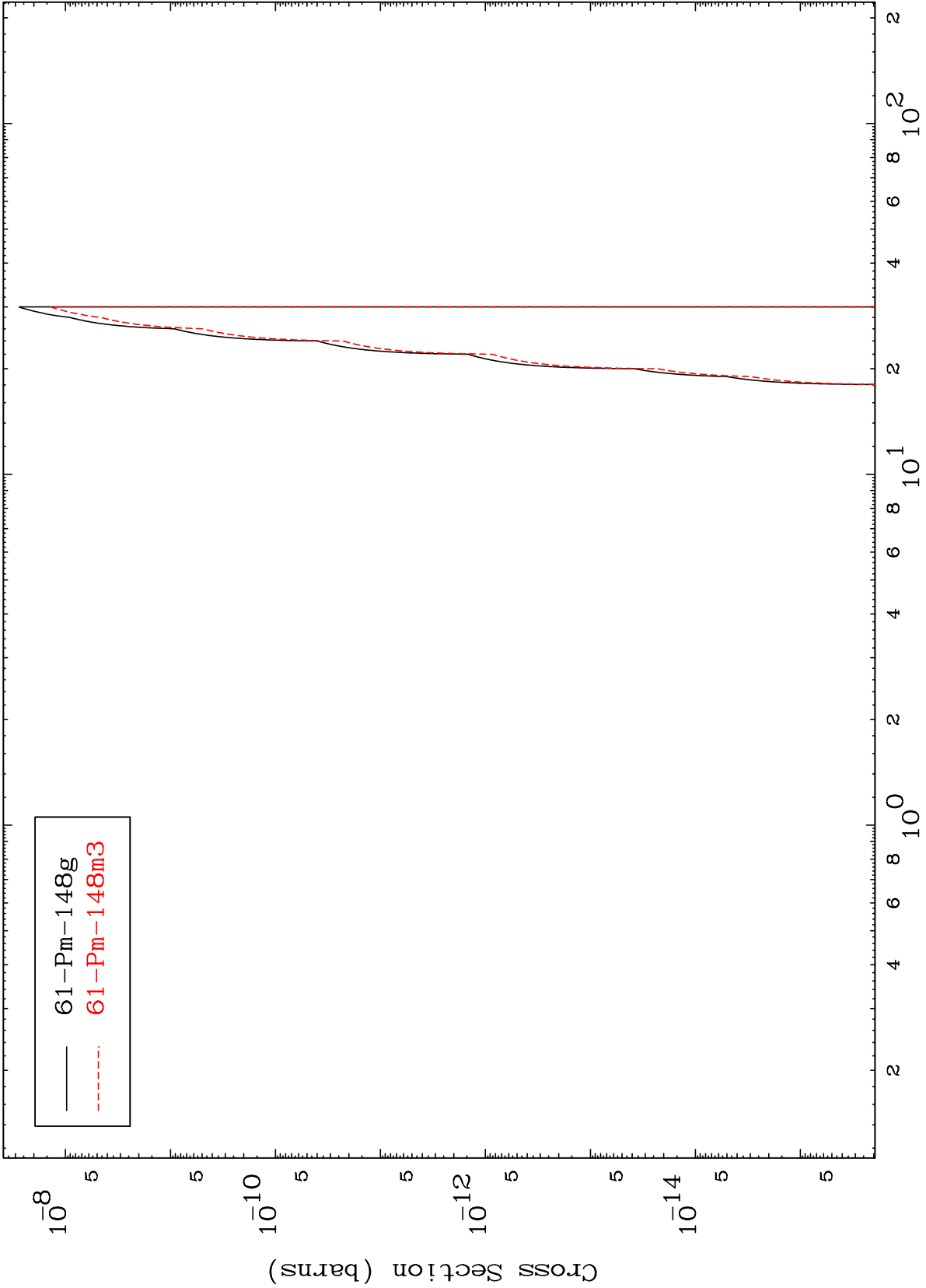
63-Eu-152

MAT 6328

($\alpha, 2\alpha$)

63-Eu-152

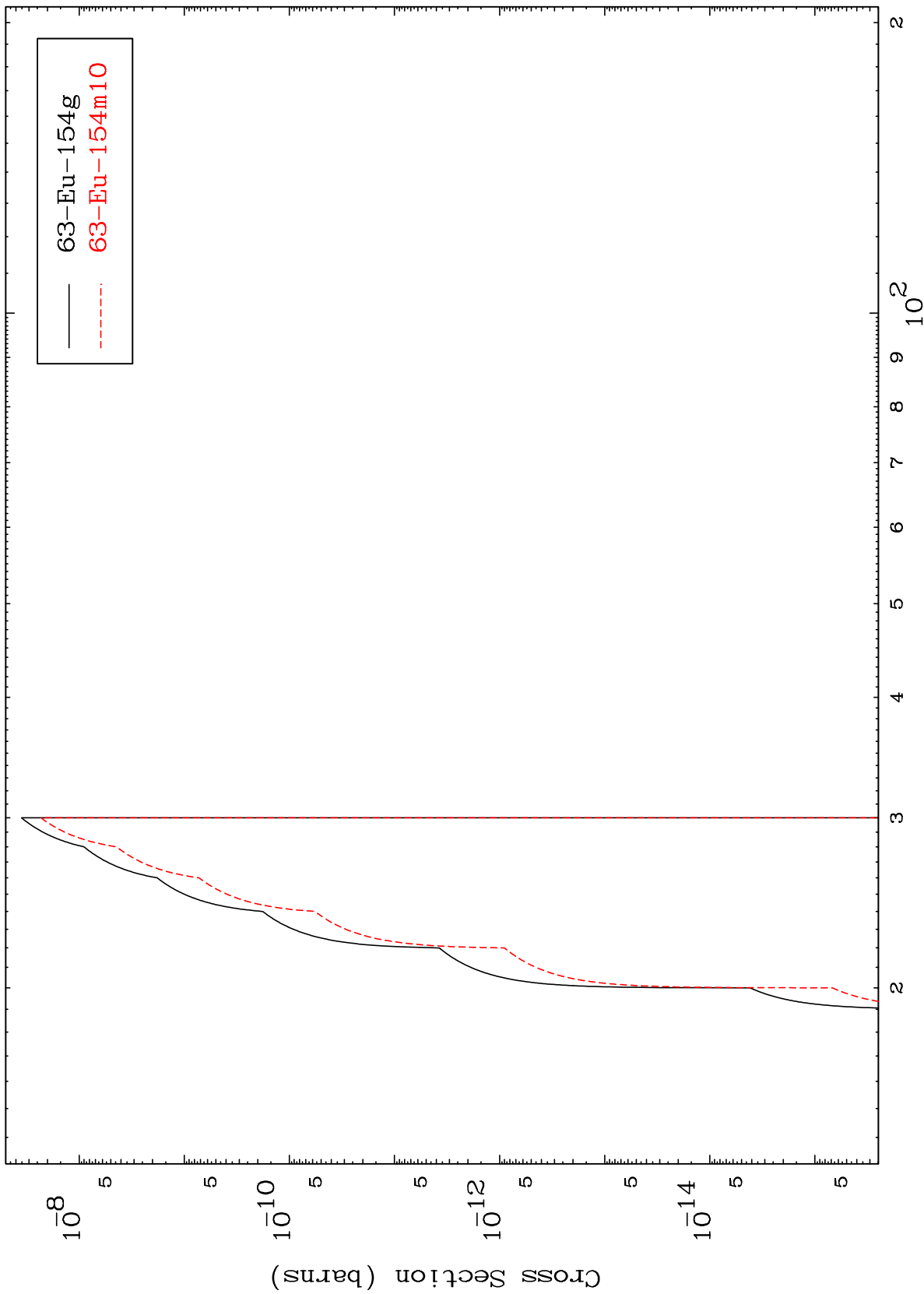
Radionuclide Production Cross Section



MAT 6328

63-Eu-152

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



16

63-Eu-152

Incident Energy (MeV)