

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

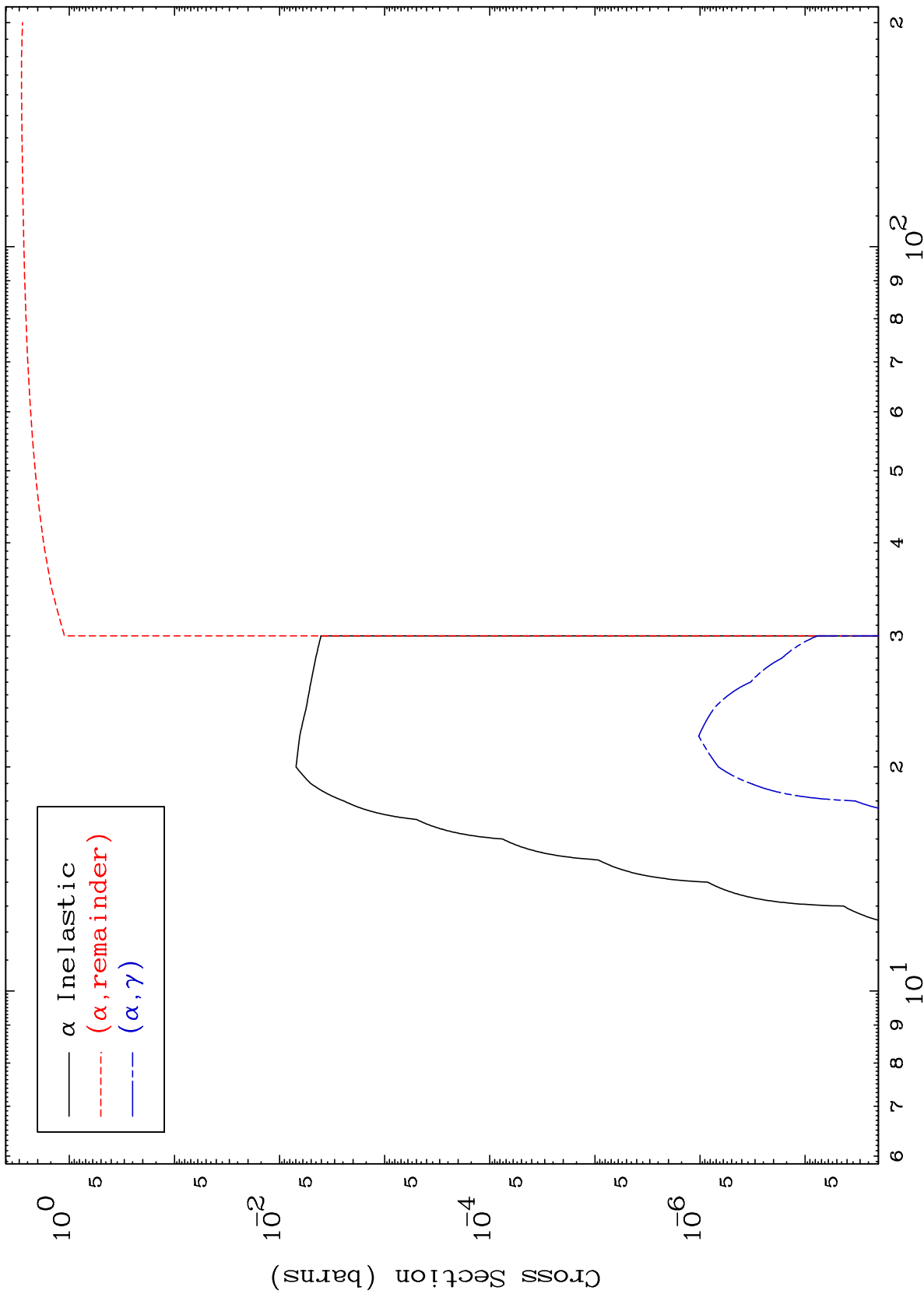
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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

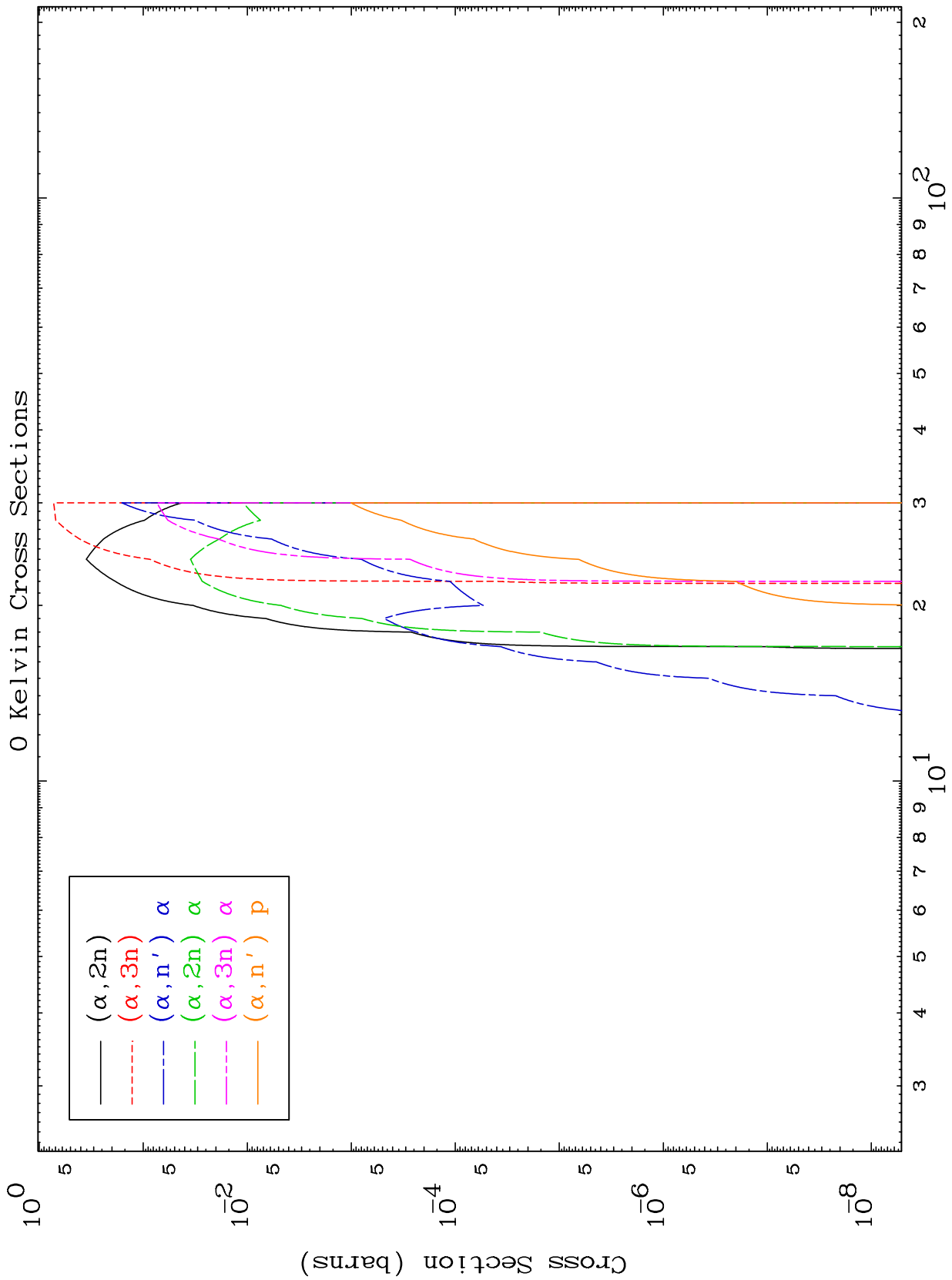


— α Inelastic
- - - $(\alpha, \text{remainder})$
- . - (α, γ)

MAT 8336

α Neutron Production
0 Kelvin Cross Sections

83-Bi-212



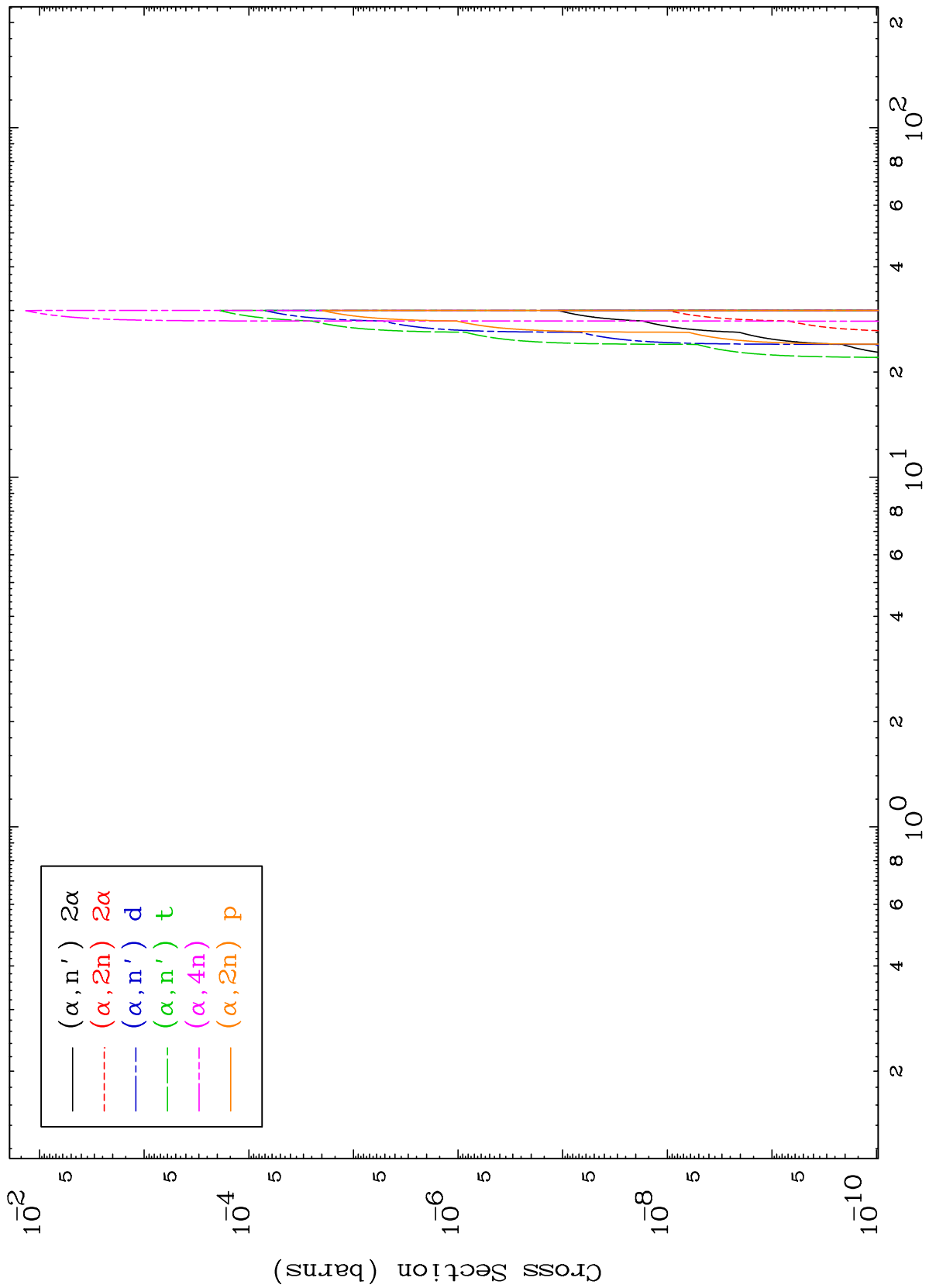
Incident Energy (MeV)

83-Bi-212

MAT 8336

α Neutron Production
0 Kelvin Cross Sections

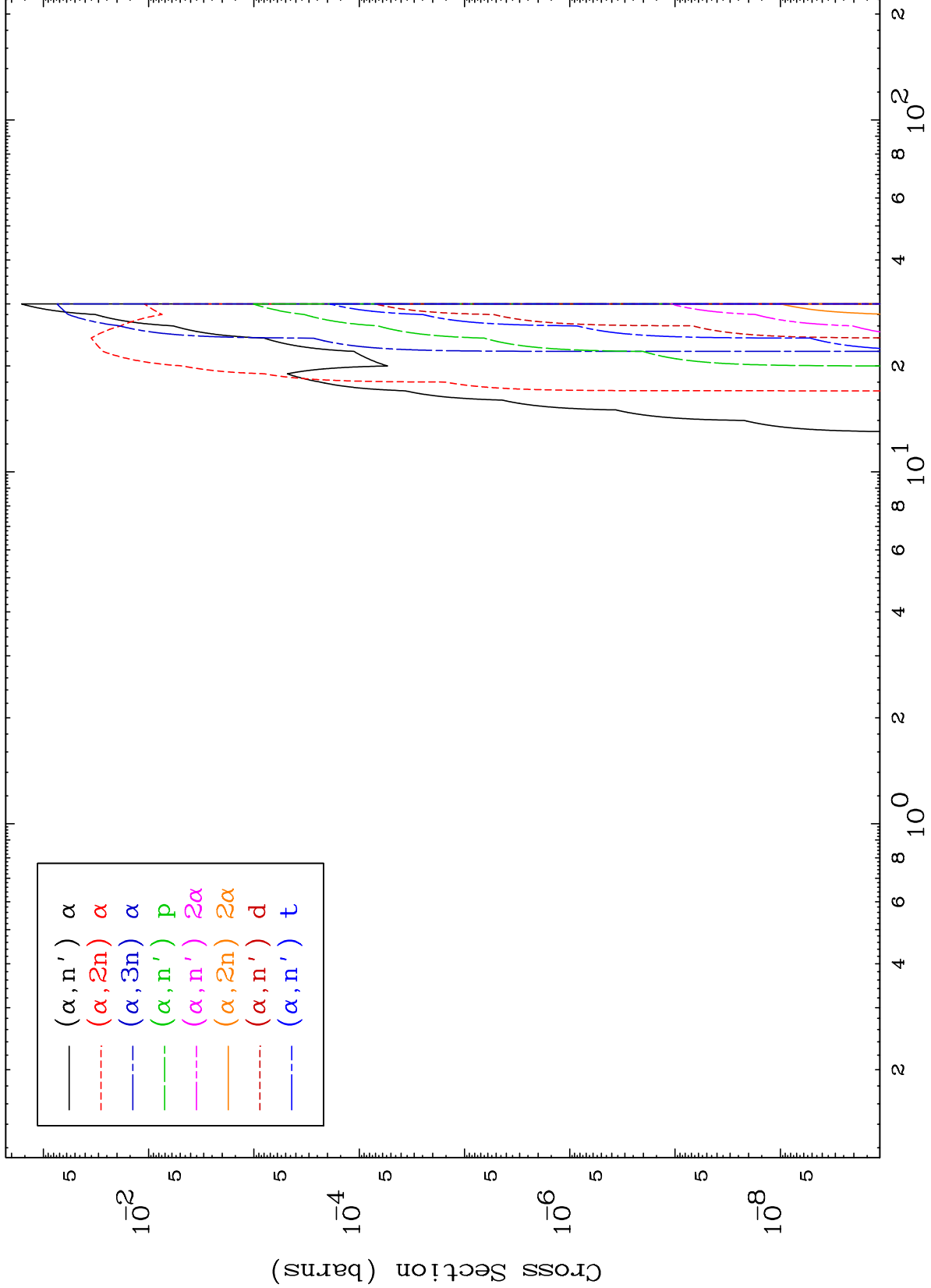
83-Bi-212

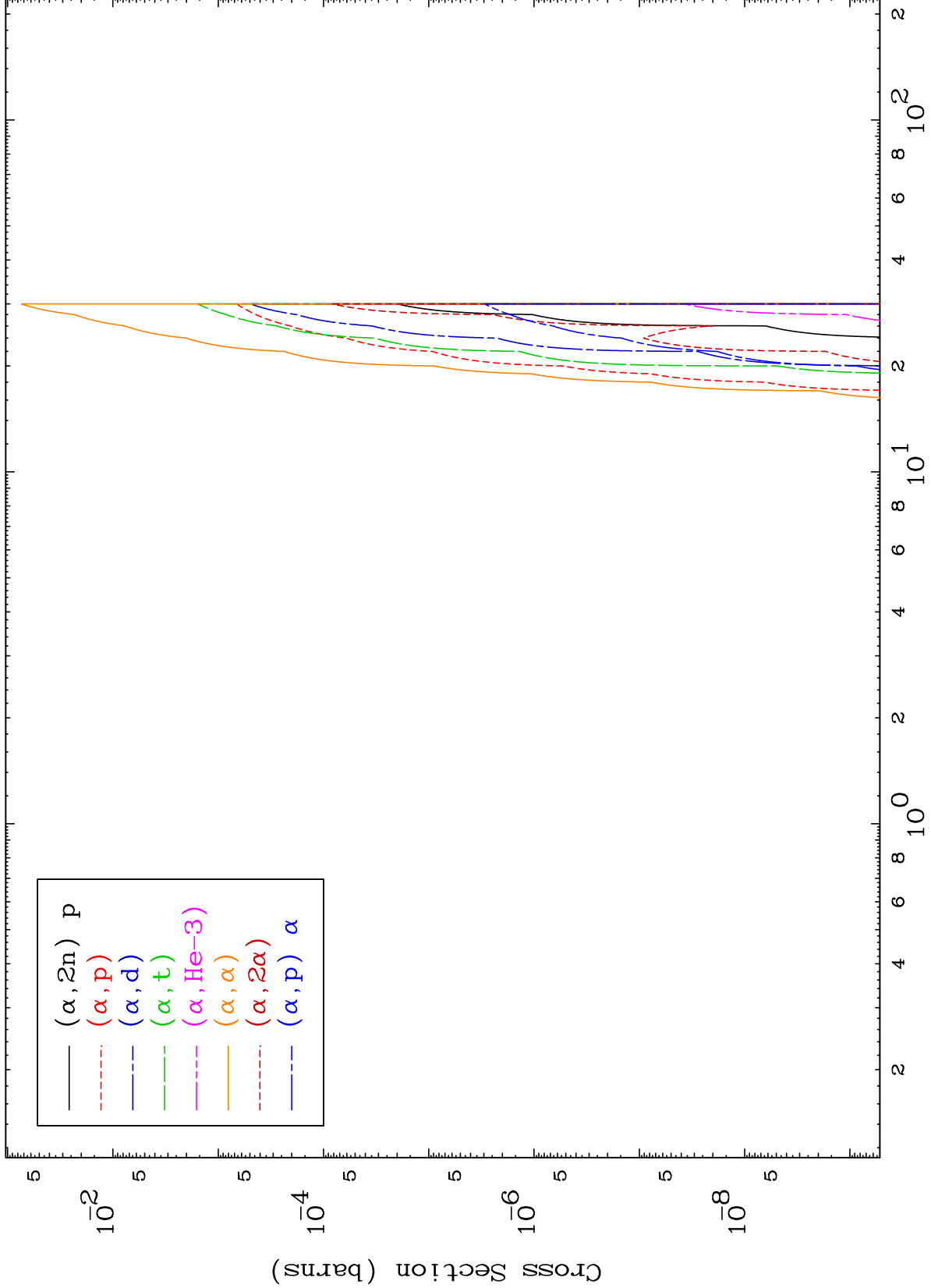


MAT 8336

α Charged Particle
0 Kelvin Cross Sections

83-Bi-212

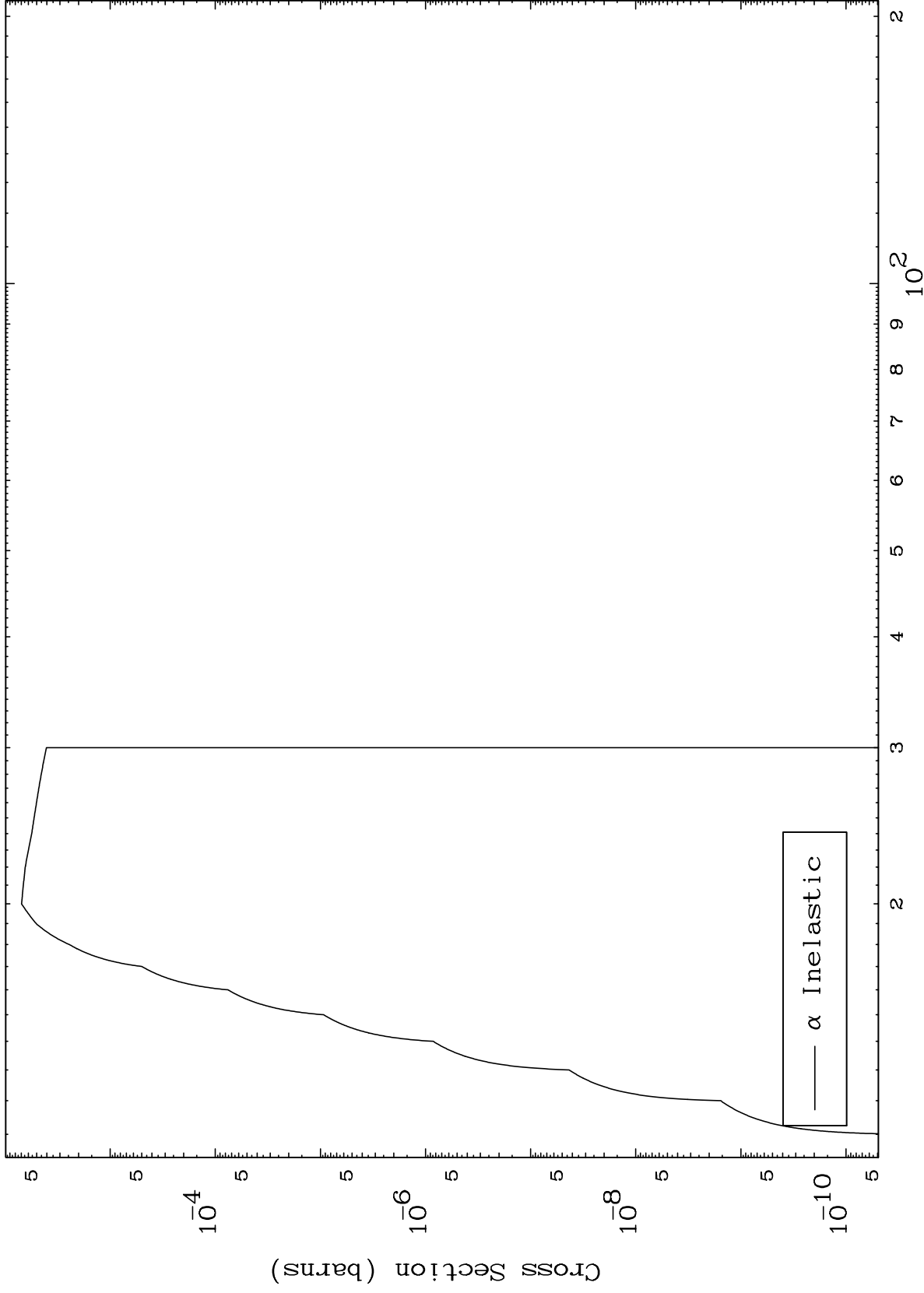




MAT 8336

(α, n') Level
0 Kelvin Cross Sections

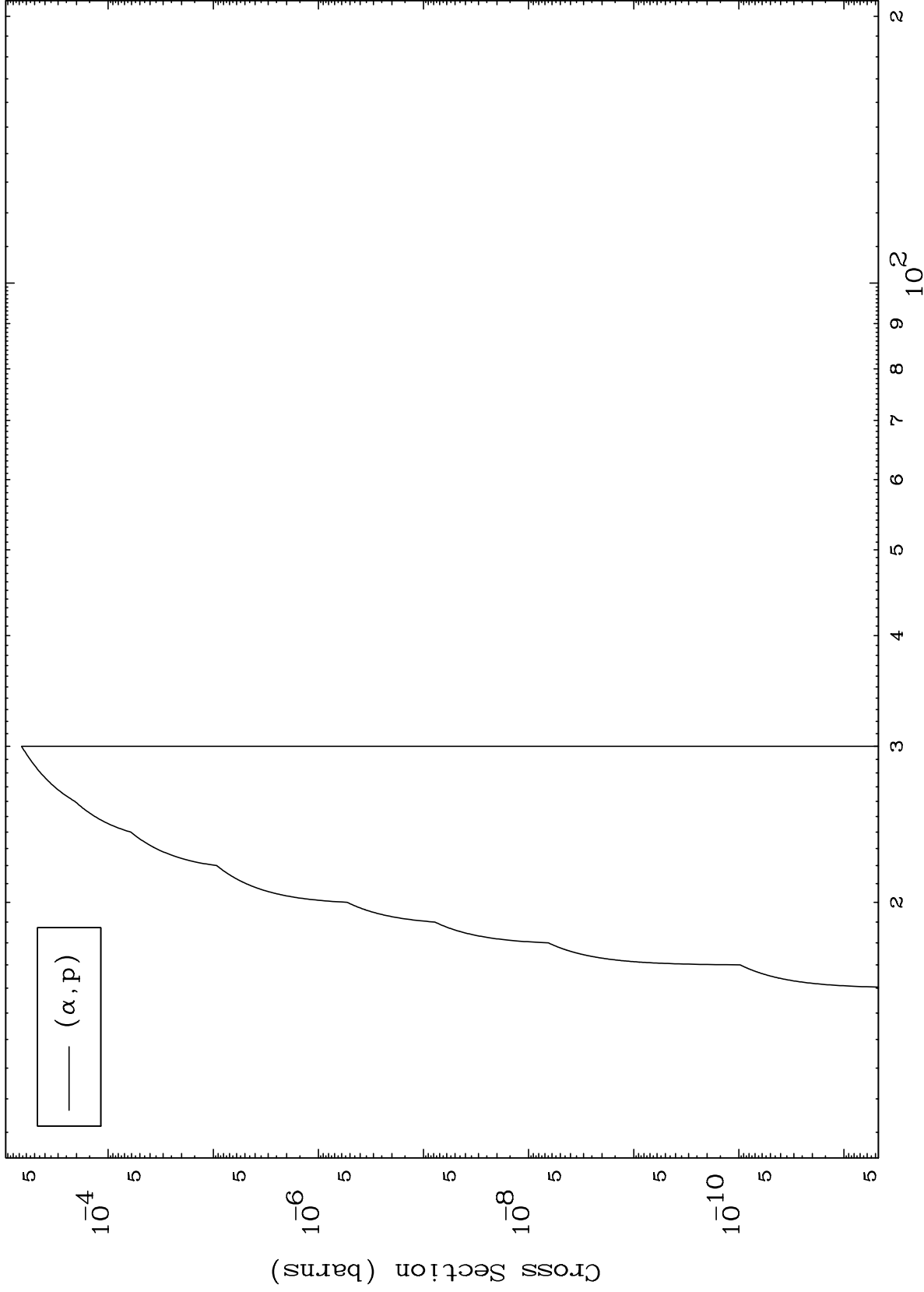
83-Bi-212

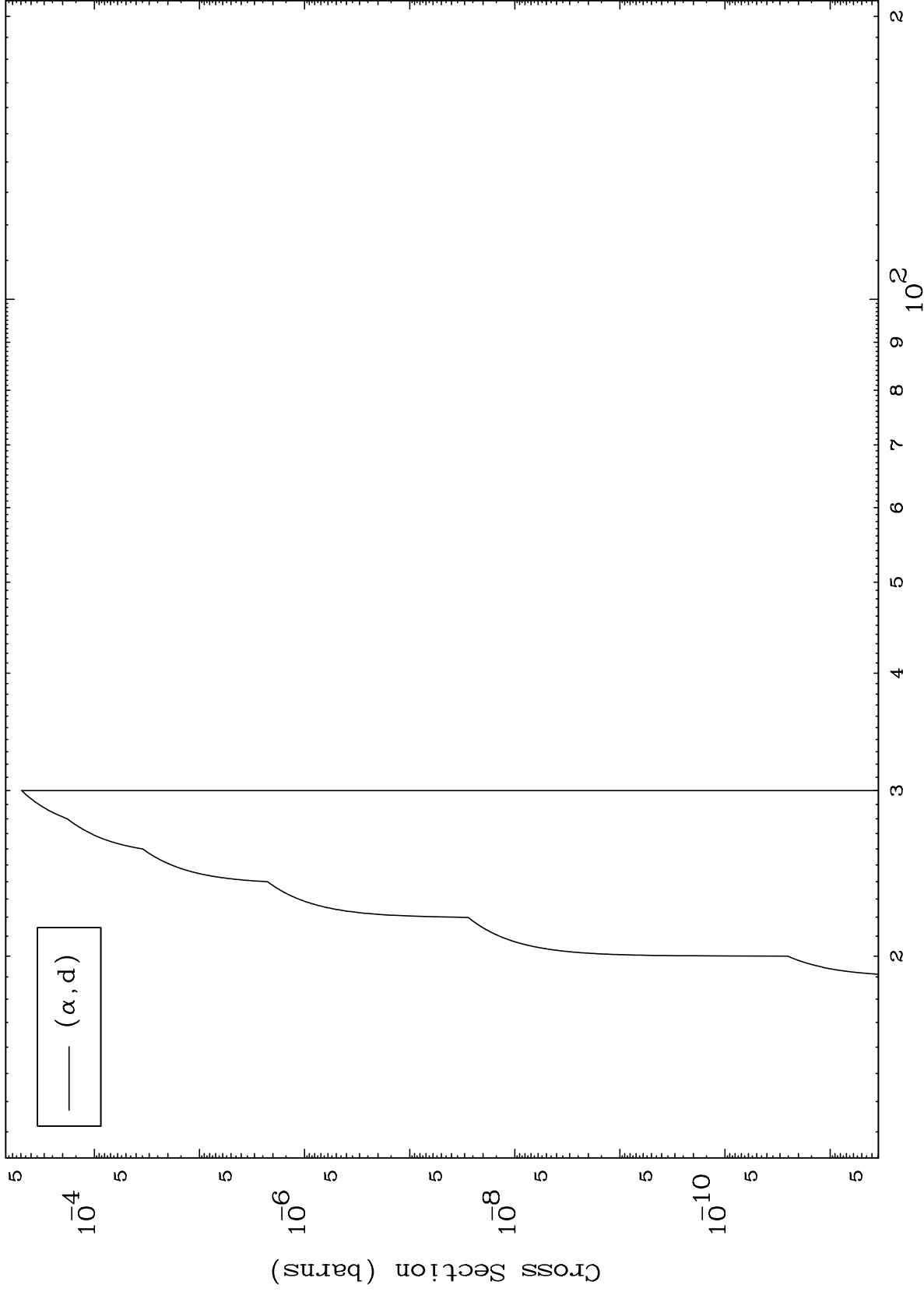


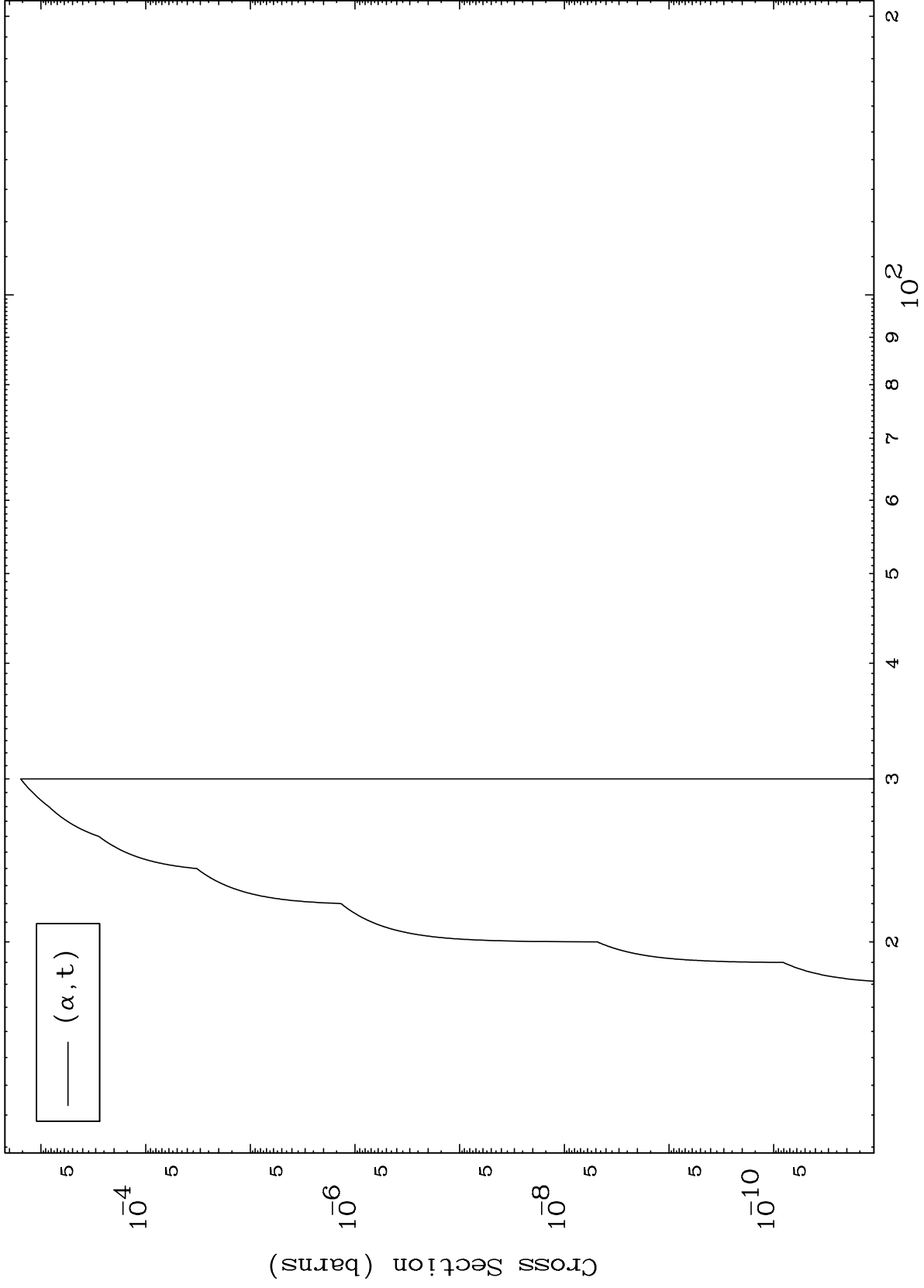
Incident Energy (MeV)

83-Bi-212

6





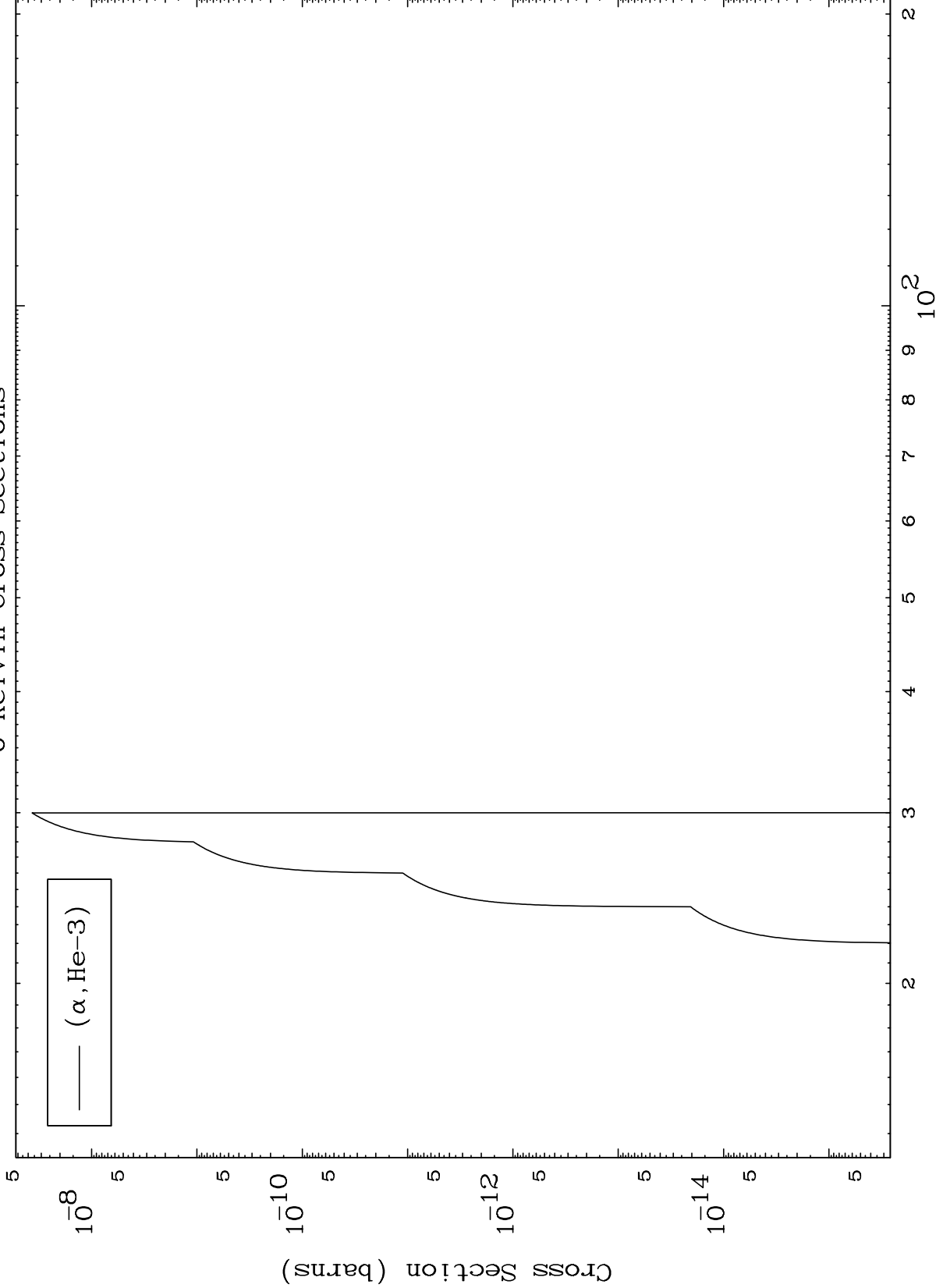


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(α , He3) Levels

83-Bi-212

0 Kelvin Cross Sections



10

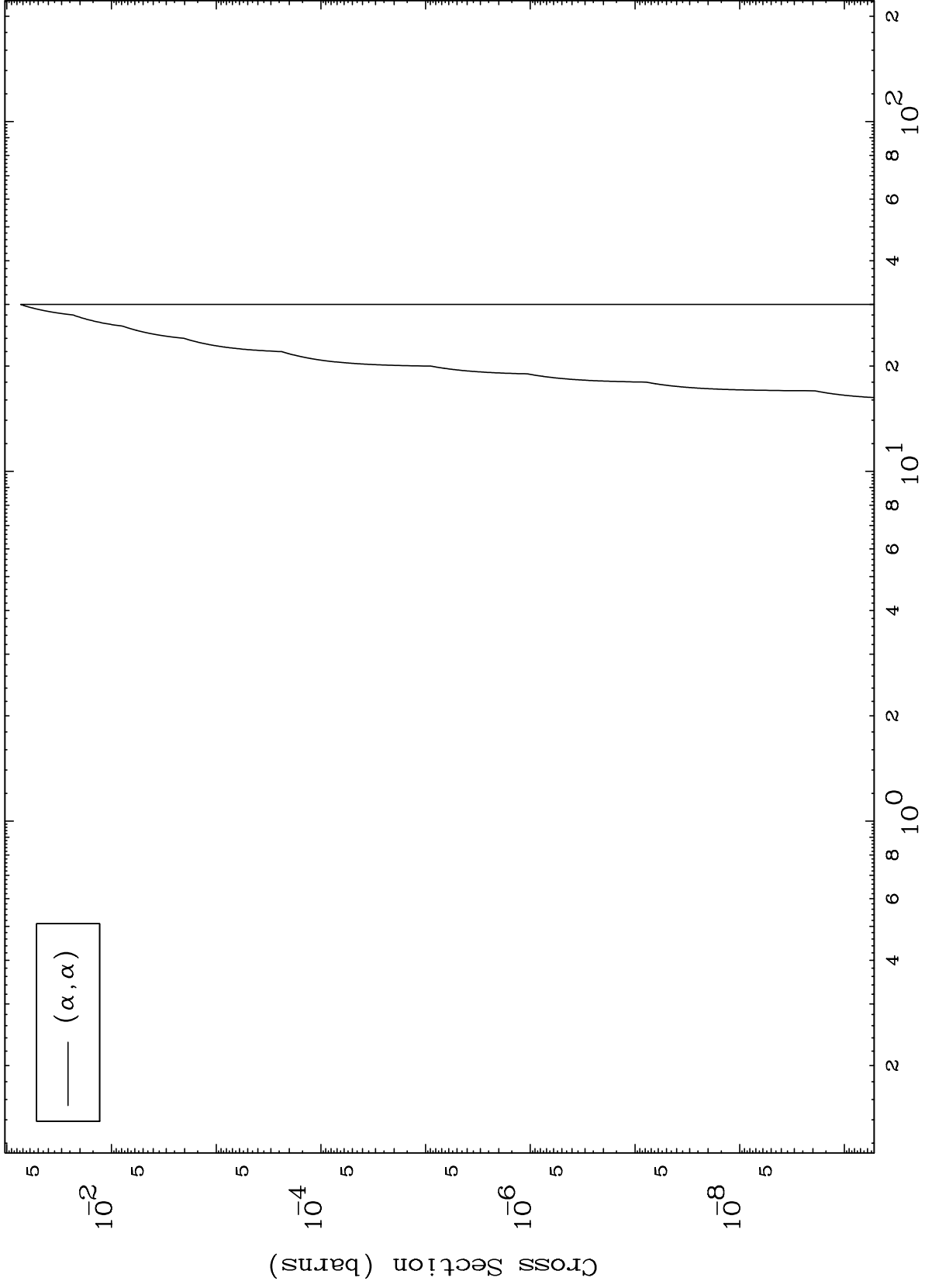
Incident Energy (MeV)

83-Bi-212

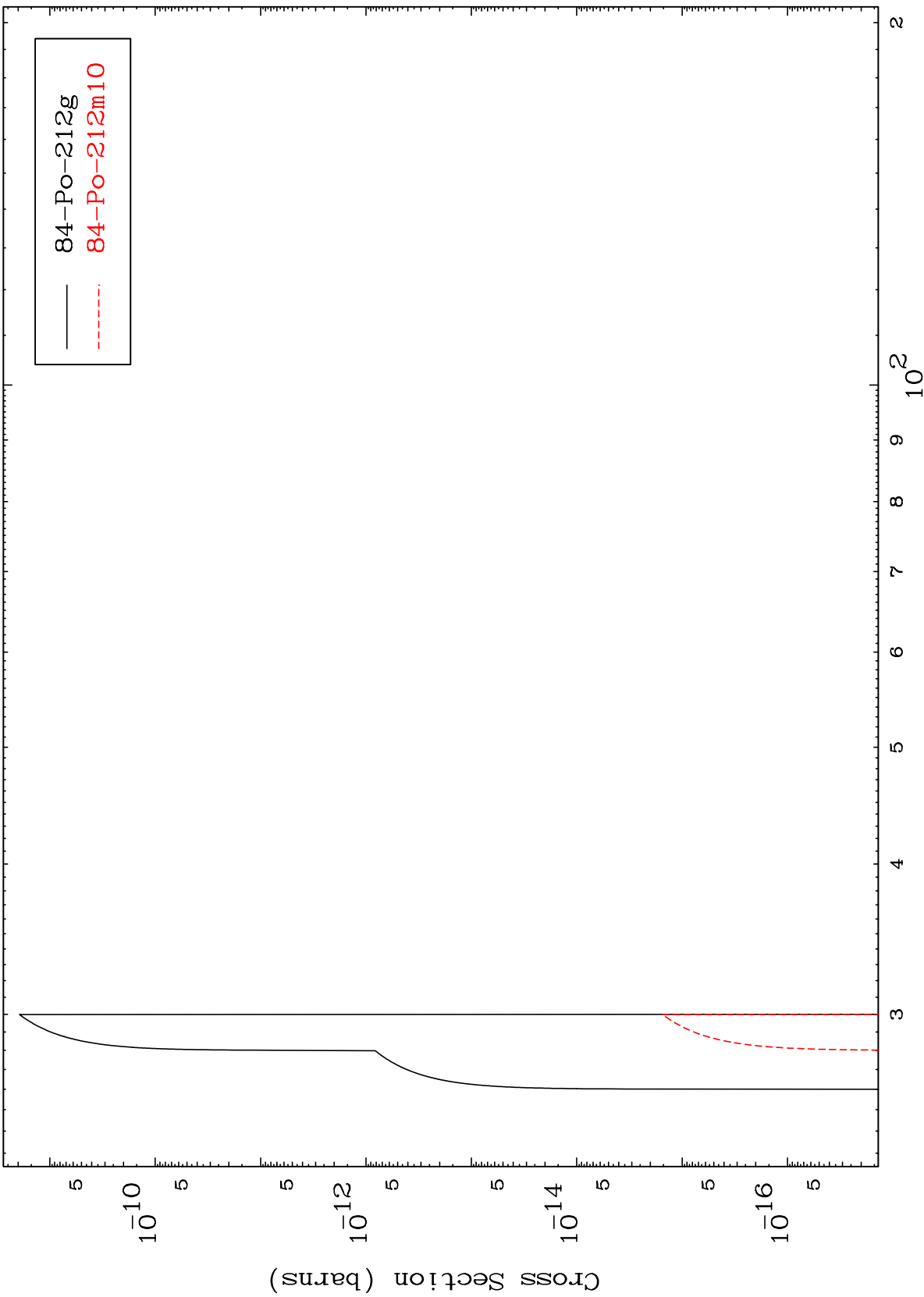
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(α, α) Levels
0 Kelvin Cross Sections

83-Bi-212



Radionuclide Production Cross Section

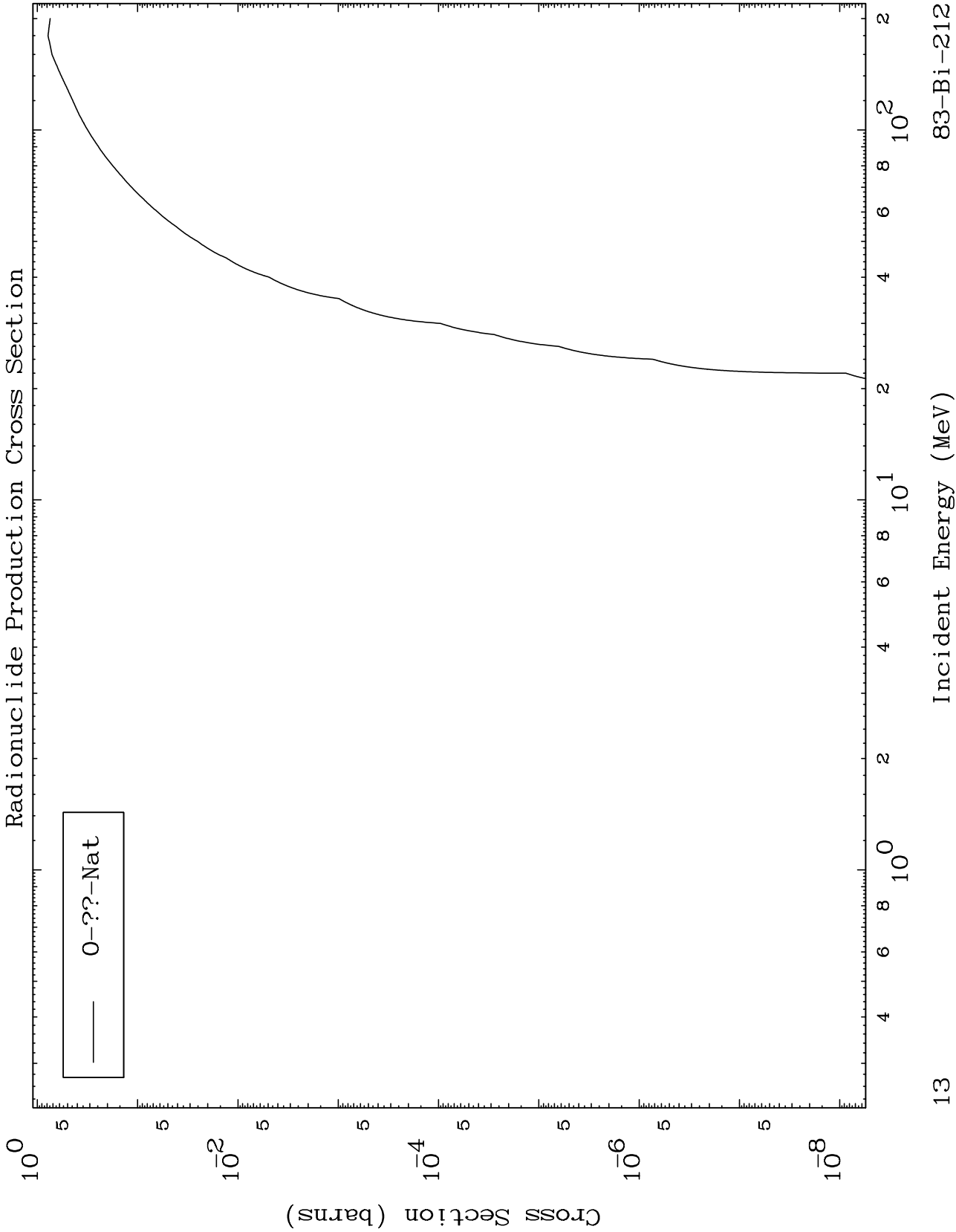


84-Po-212g
84-Po-212m10

MAT 8336

α Fission

83-Bi-212

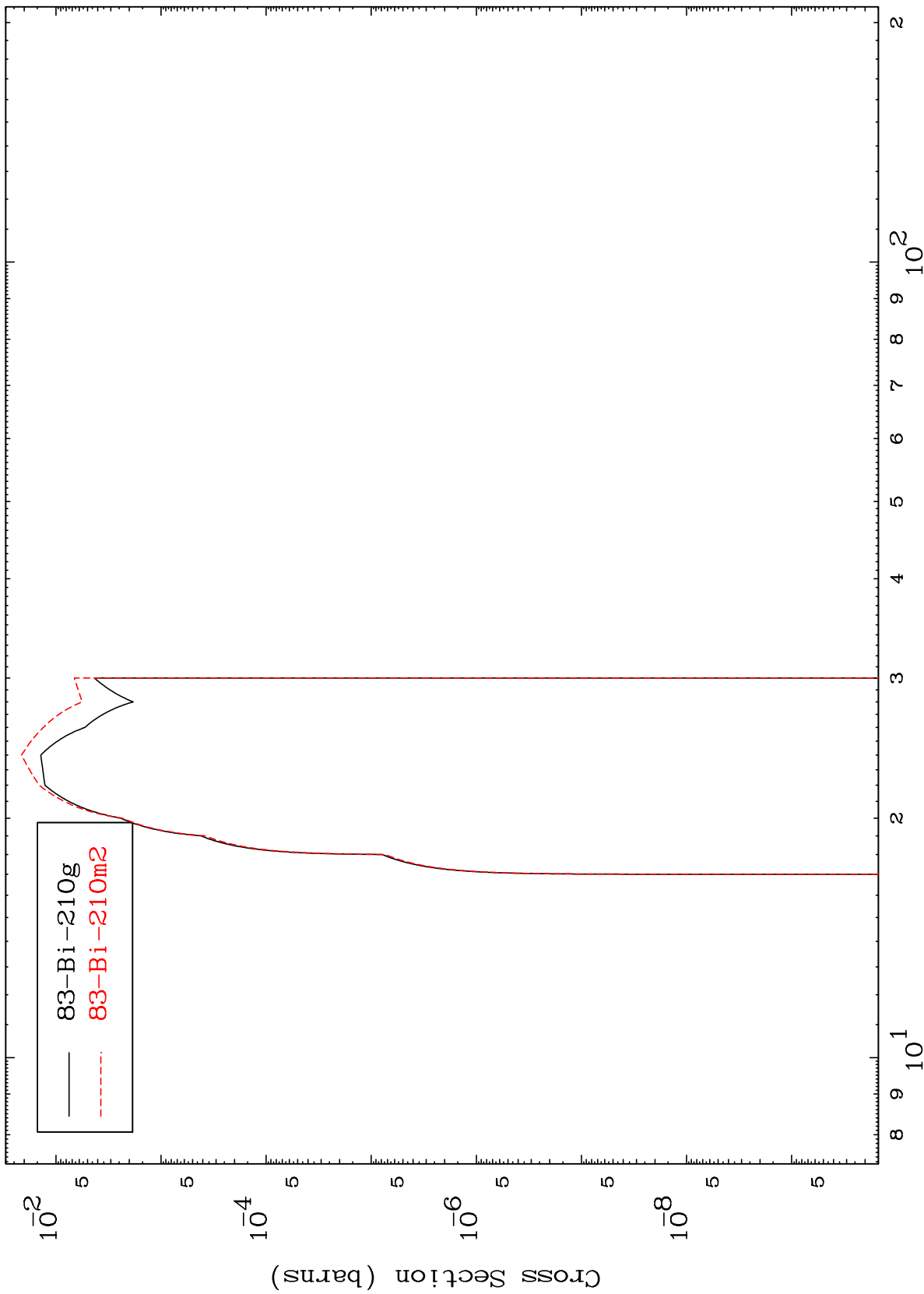


MAT 8336

83-Bi-212

($\alpha, 2n$) α

Radionuclide Production Cross Section



14

Incident Energy (MeV)

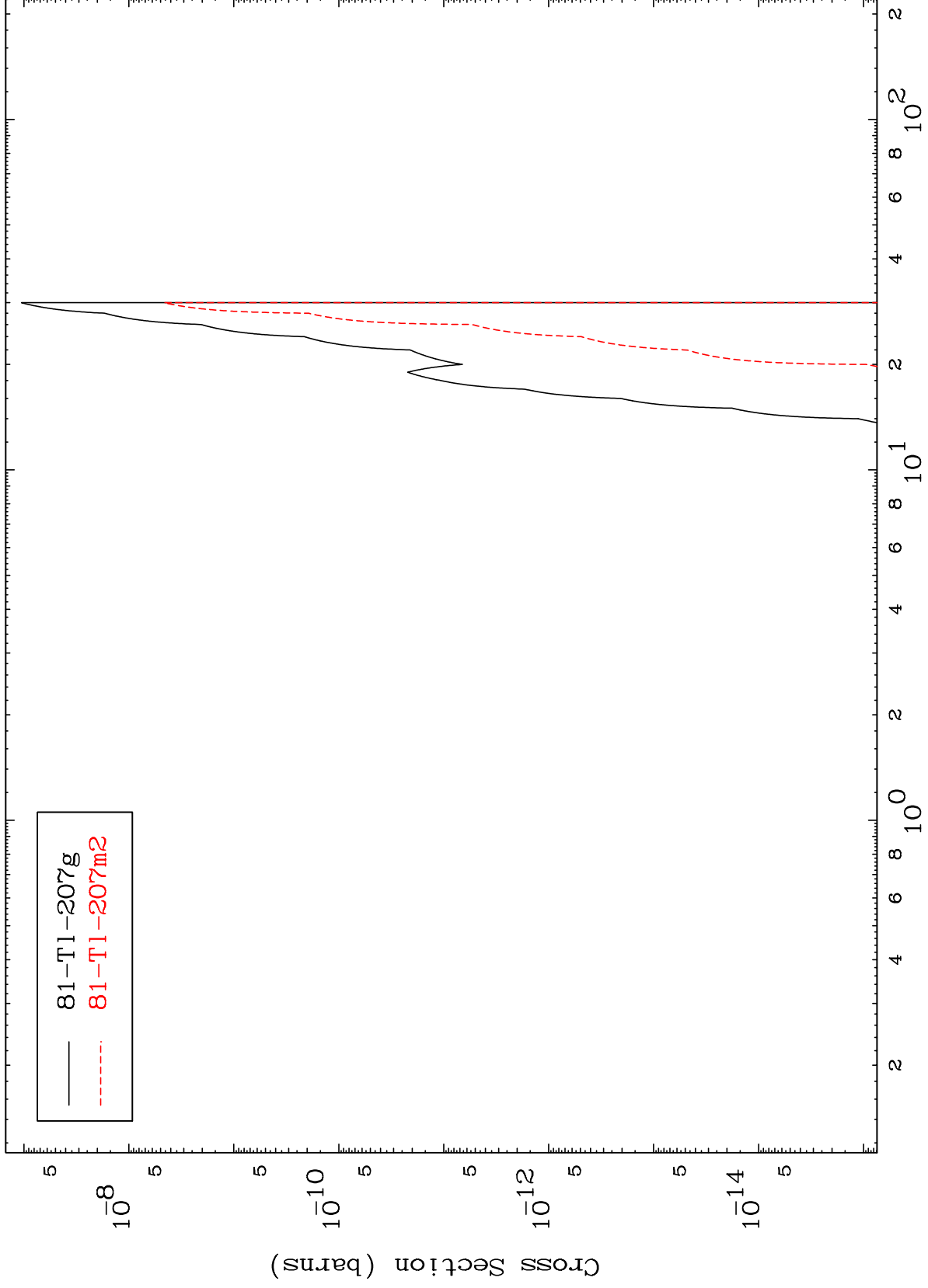
83-Bi-212

MAT 8336

(α, n') 2α

83-Bi-212

Radionuclide Production Cross Section

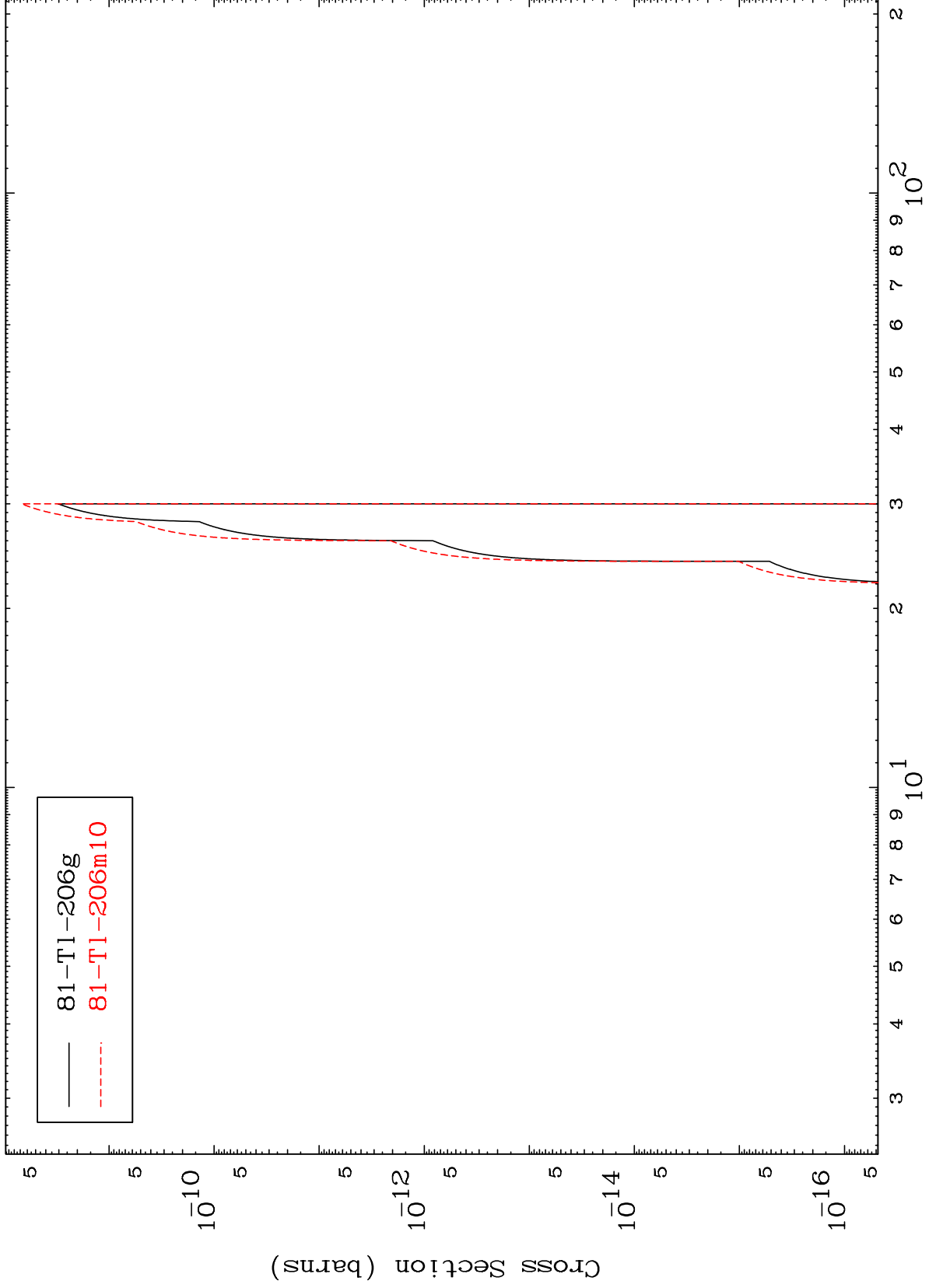


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$(\alpha, 2n)$ 2α

83-Bi-212

Radionuclide Production Cross Section



16

Incident Energy (MeV)

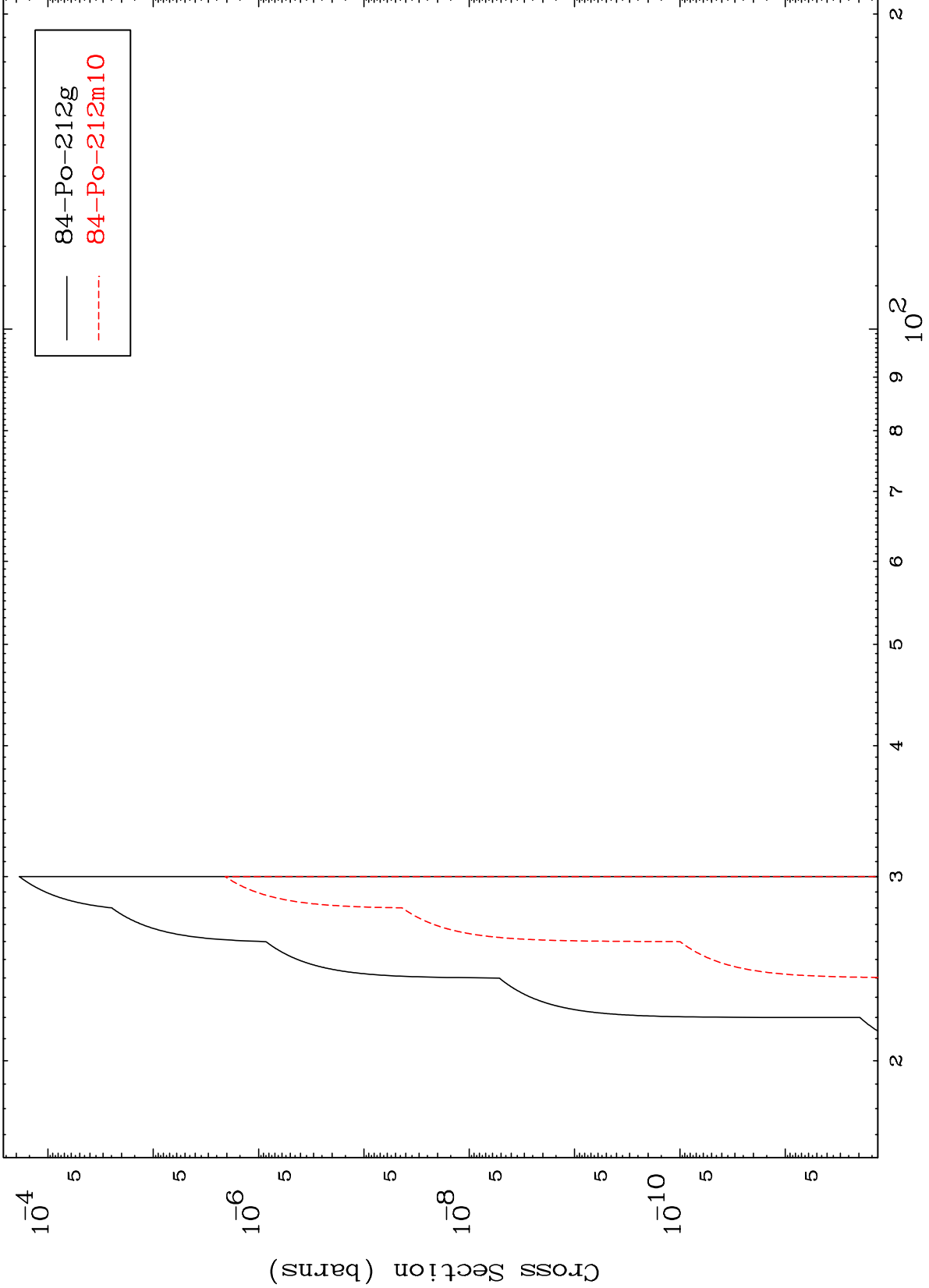
83-Bi-212

MAT 8336

(α, n') t

83-Bi-212

Radionuclide Production Cross Section



17

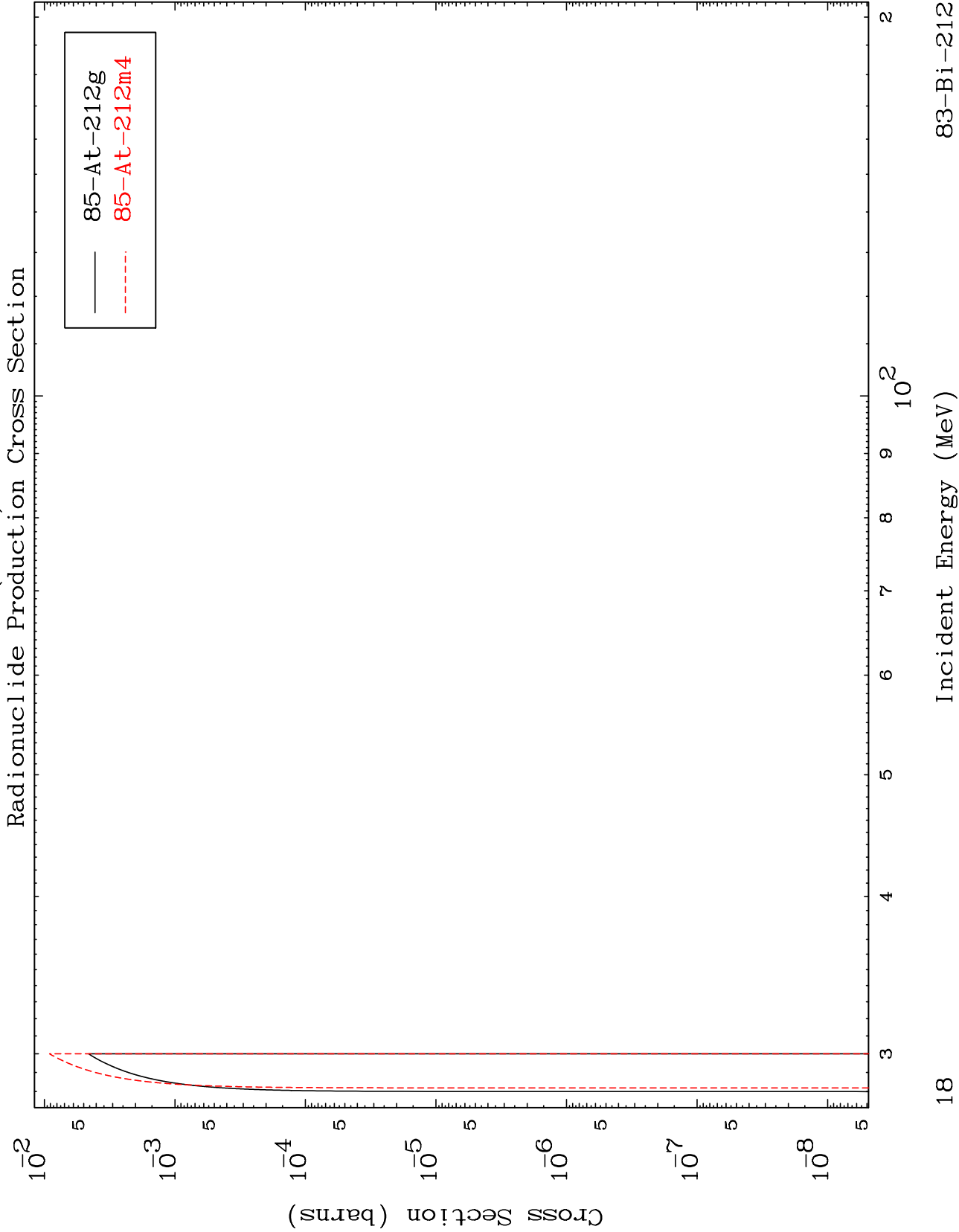
Incident Energy (MeV)

83-Bi-212

MAT 8336

($\alpha, 4n$)

83-Bi-212



18

83-Bi-212

MAT 8336

(α, α)

83-Bi-212

Radionuclide Production Cross Section

