

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

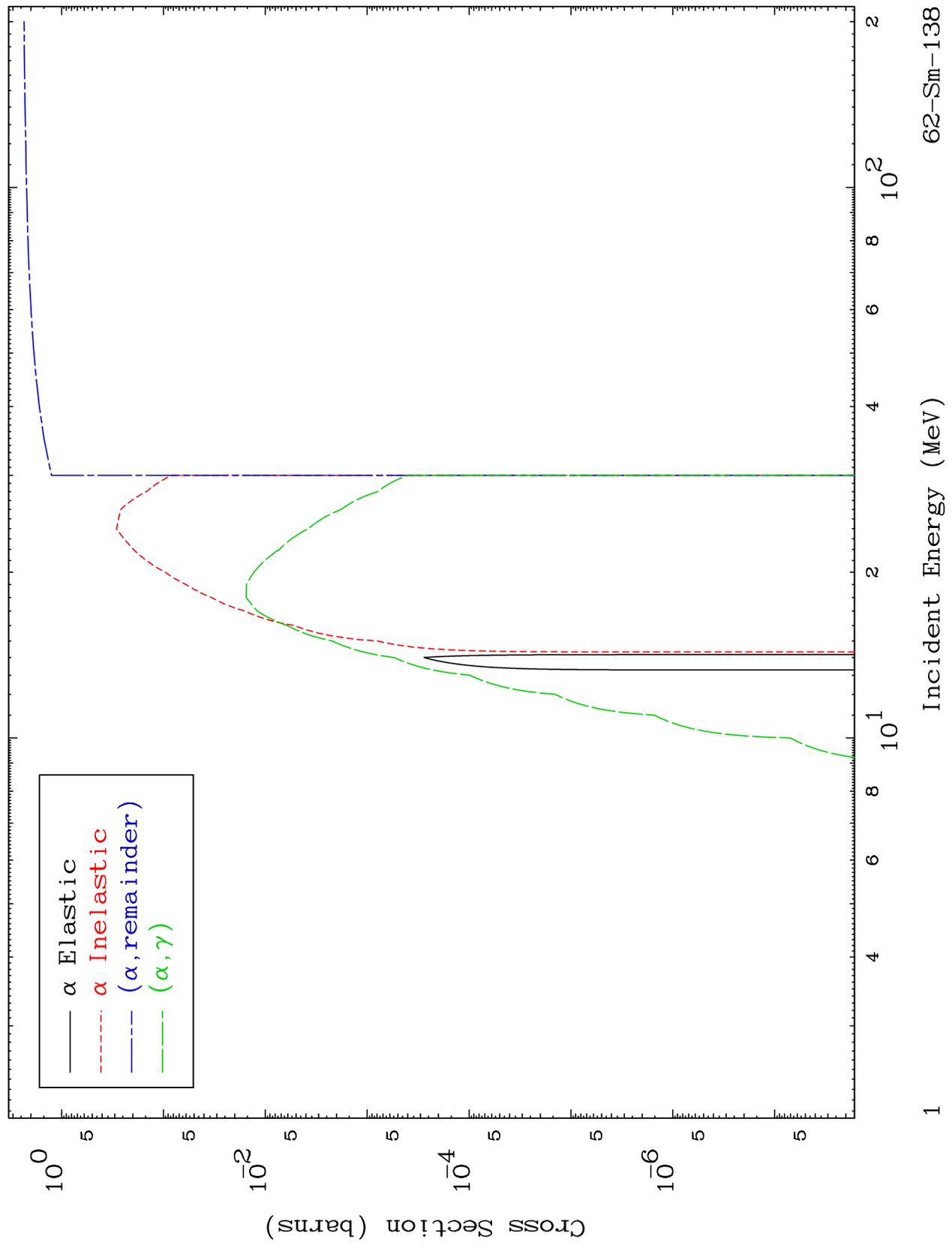
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

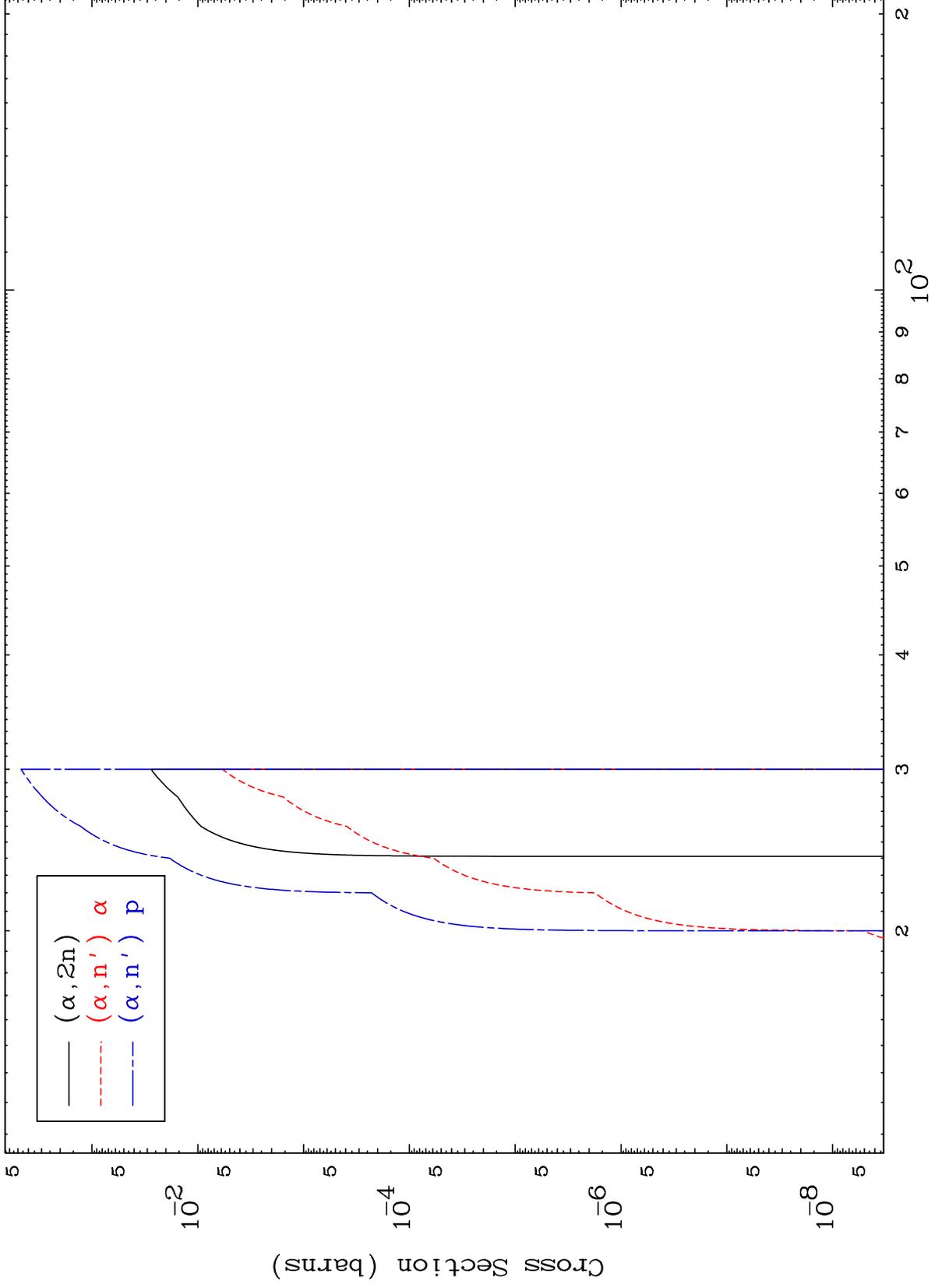
Tele: 925-443-1911

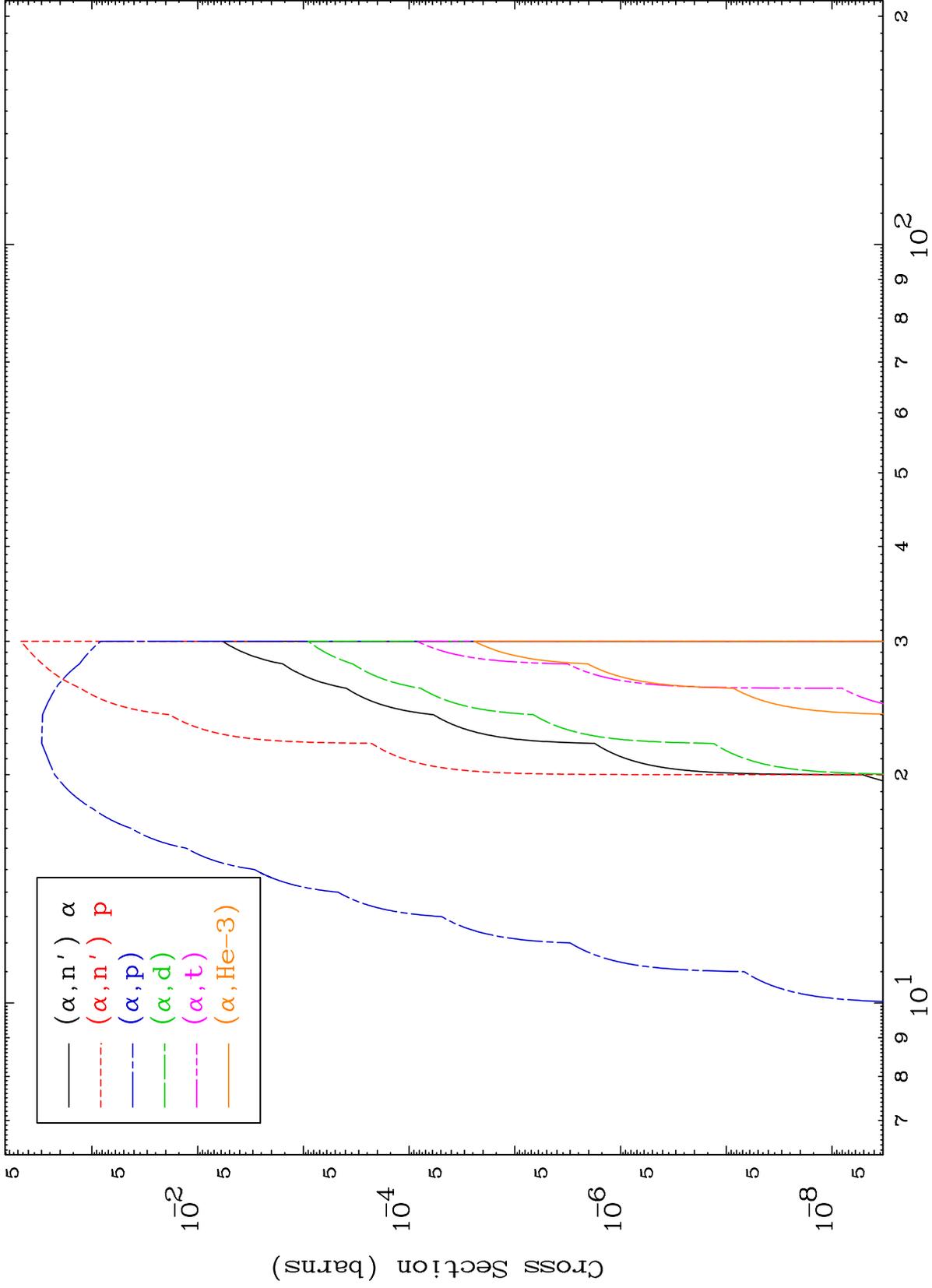
E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



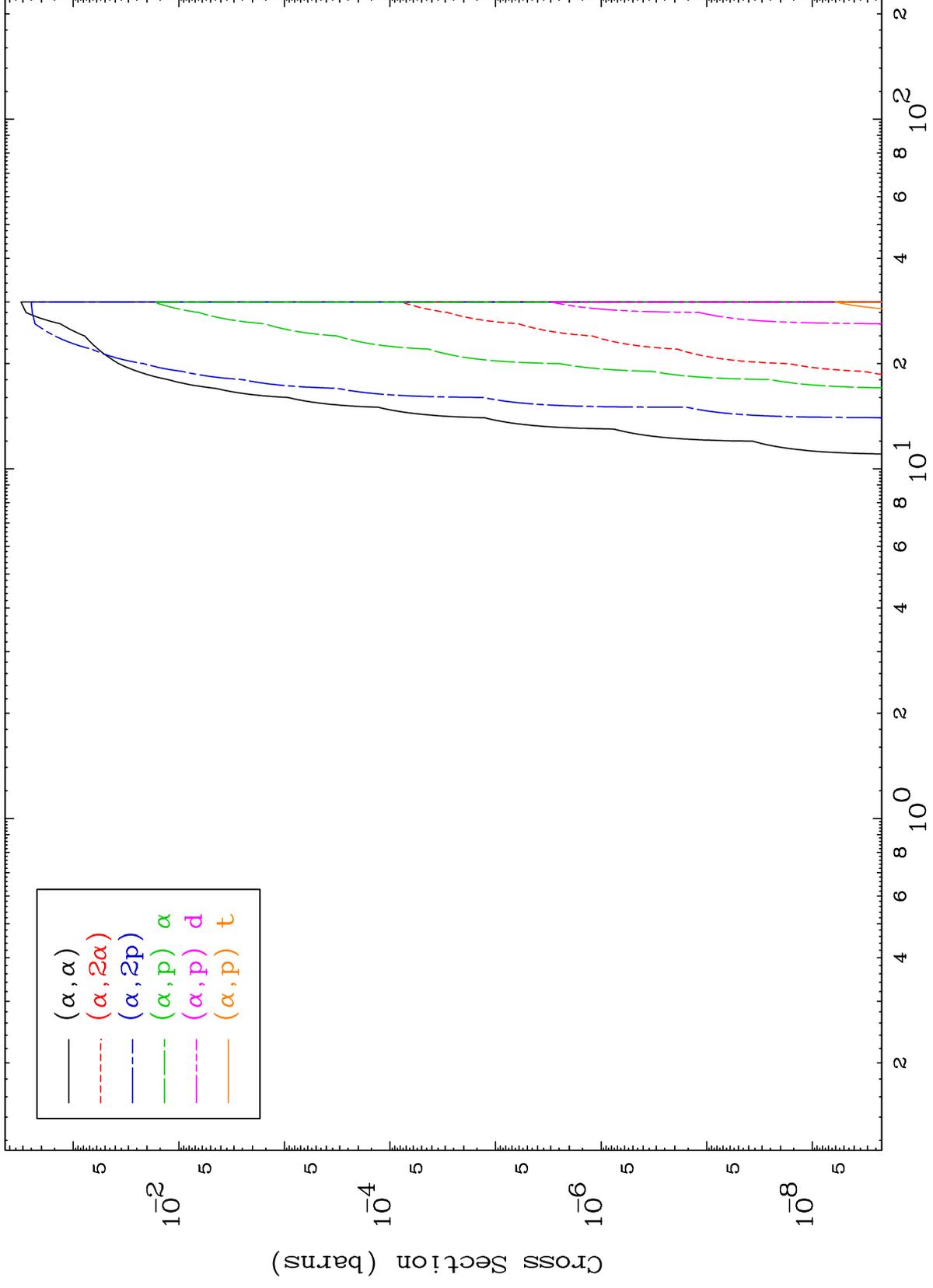




MAT 6207

α Charged Particle
0 Kelvin Cross Sections

62-Sm-138

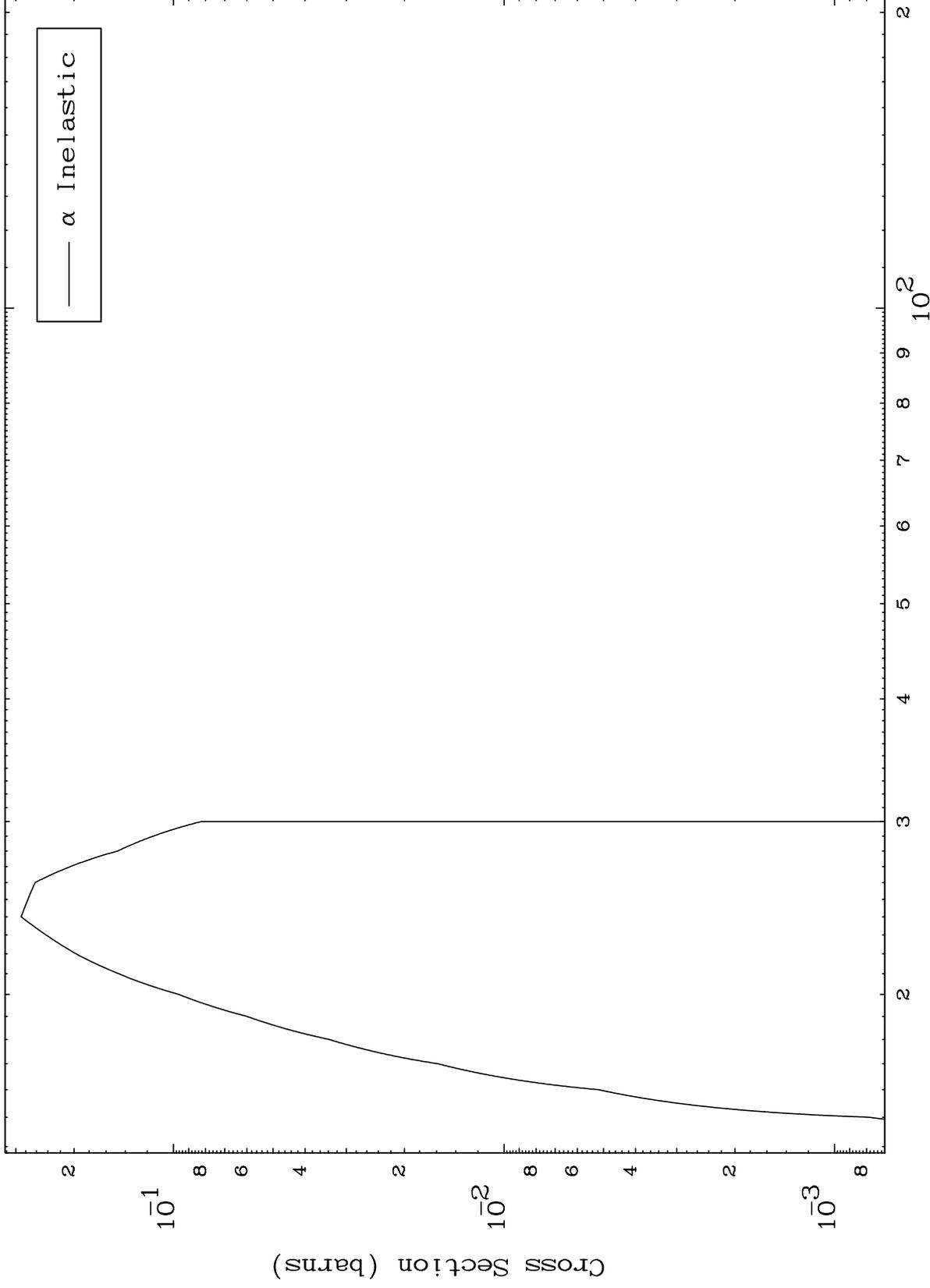


MAT 6207

(α, n') Level

62-Sm-138

0 Kelvin Cross Sections



5

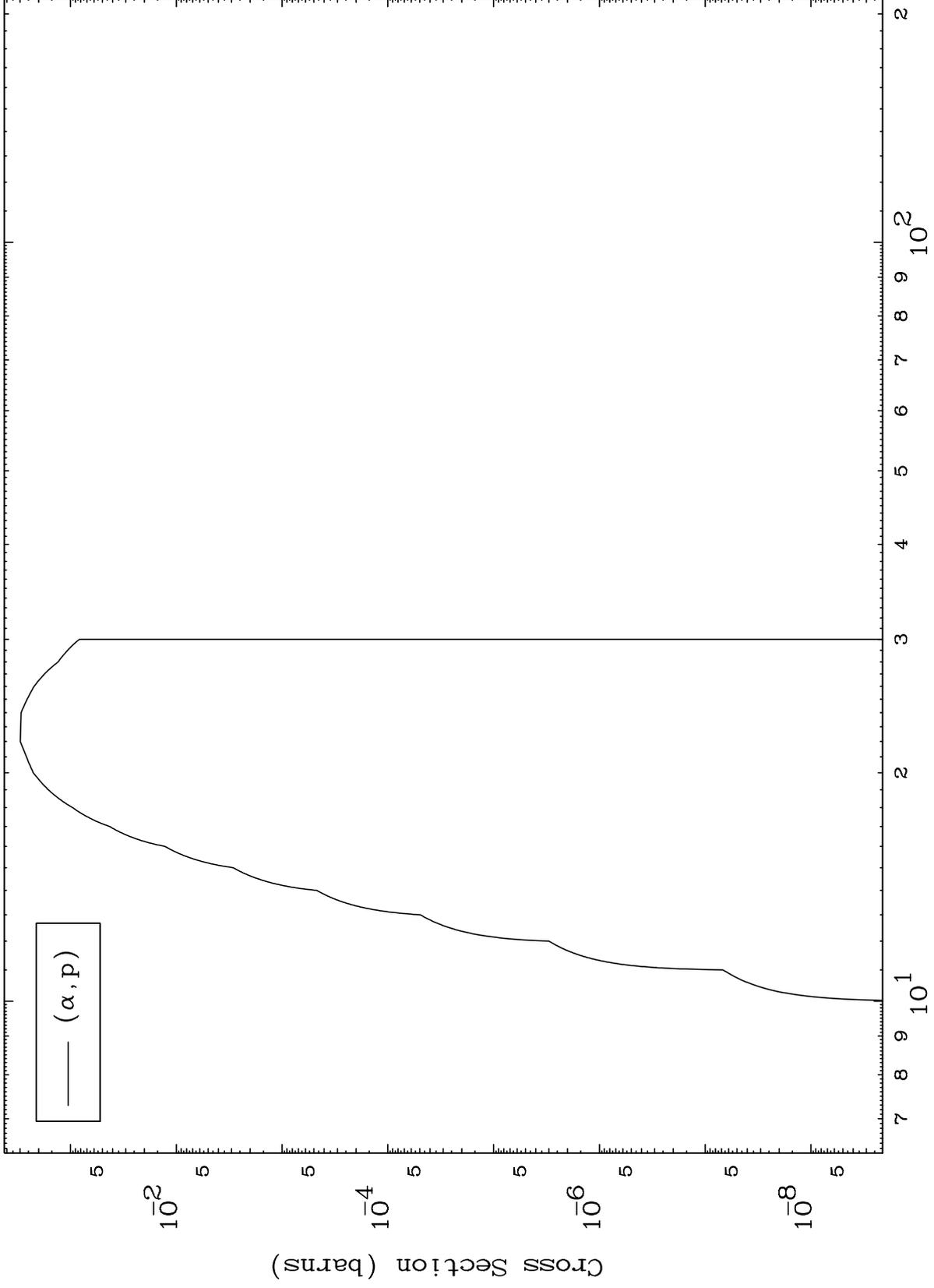
Incident Energy (MeV)

62-Sm-138

MAT 6207

(α, p) Levels
0 Kelvin Cross Sections

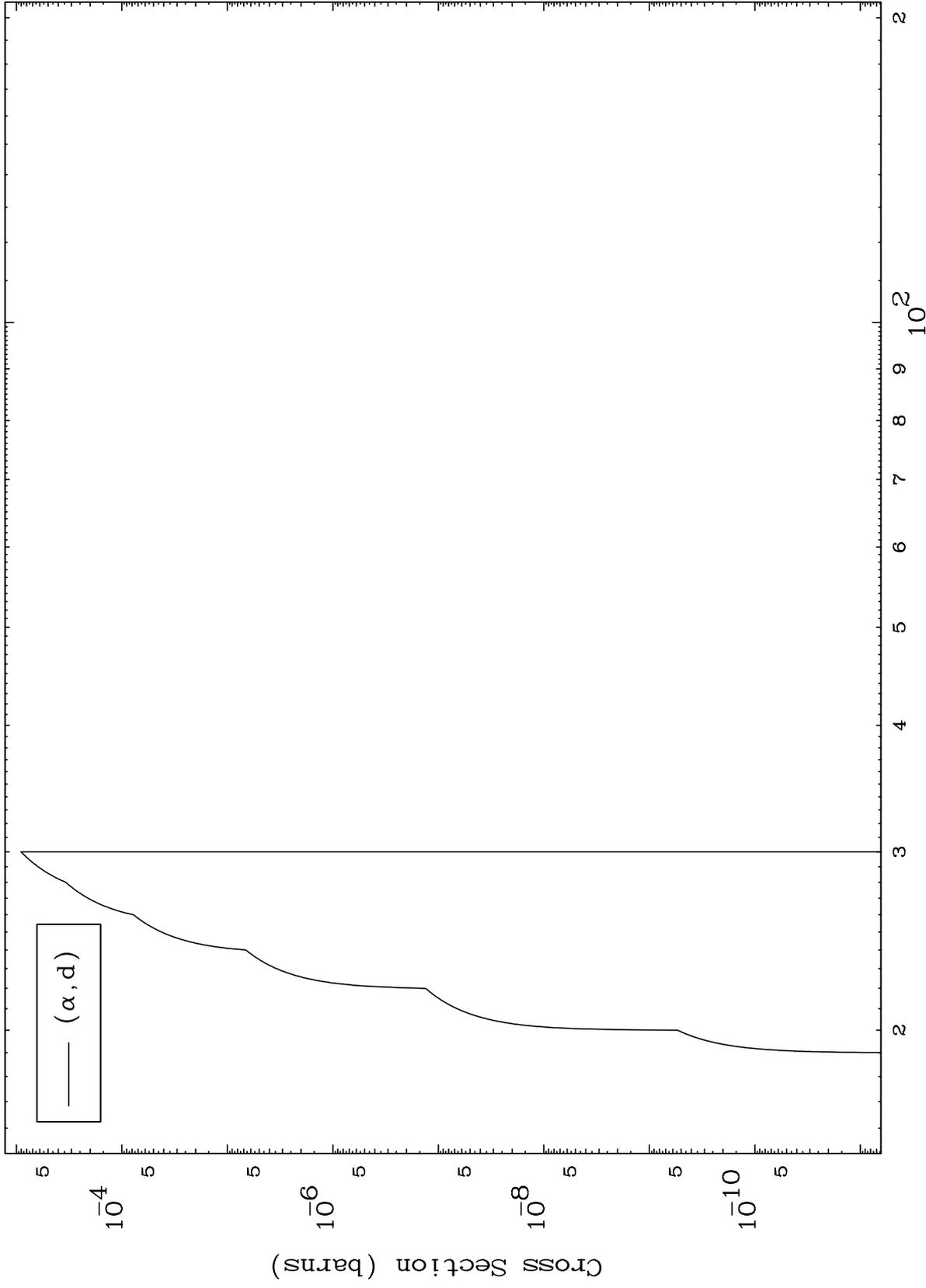
62-Sm-138



6

Incident Energy (MeV)

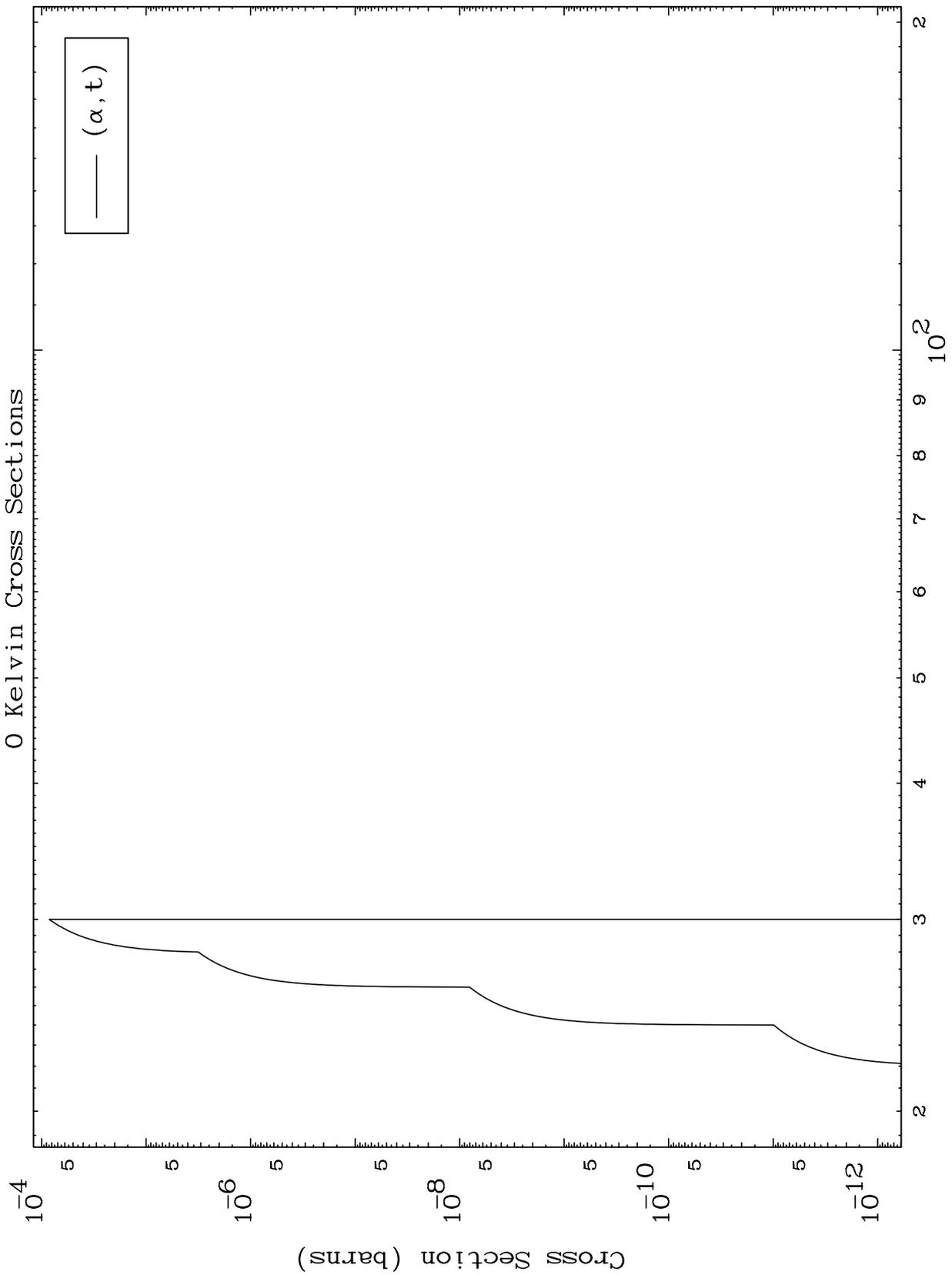
62-Sm-138



MAT 6207

62-Sm-138

(α, t) Levels
0 Kelvin Cross Sections

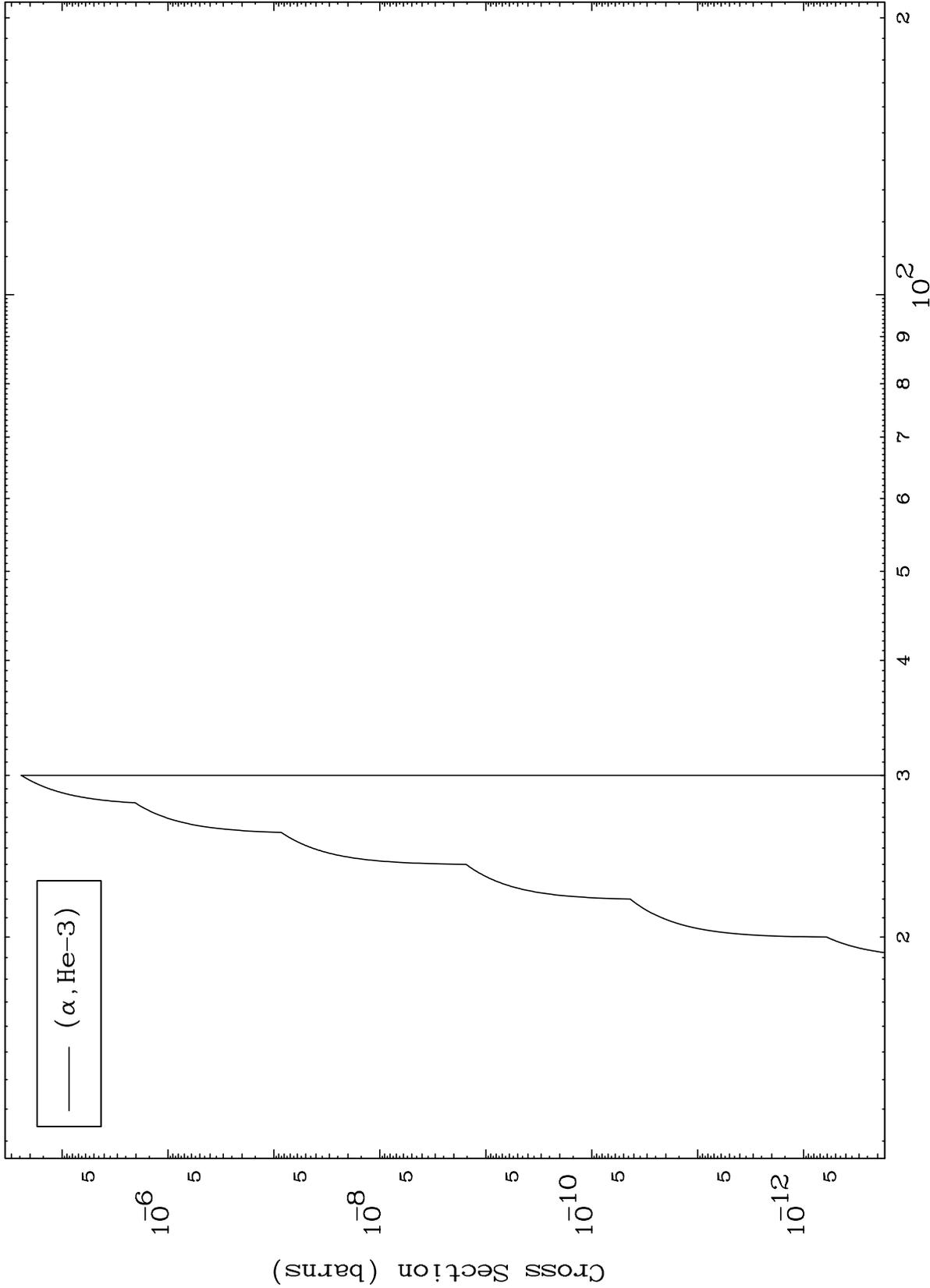


62-Sm-138

Incident Energy (MeV)

8

(α , He3) Levels
0 Kelvin Cross Sections

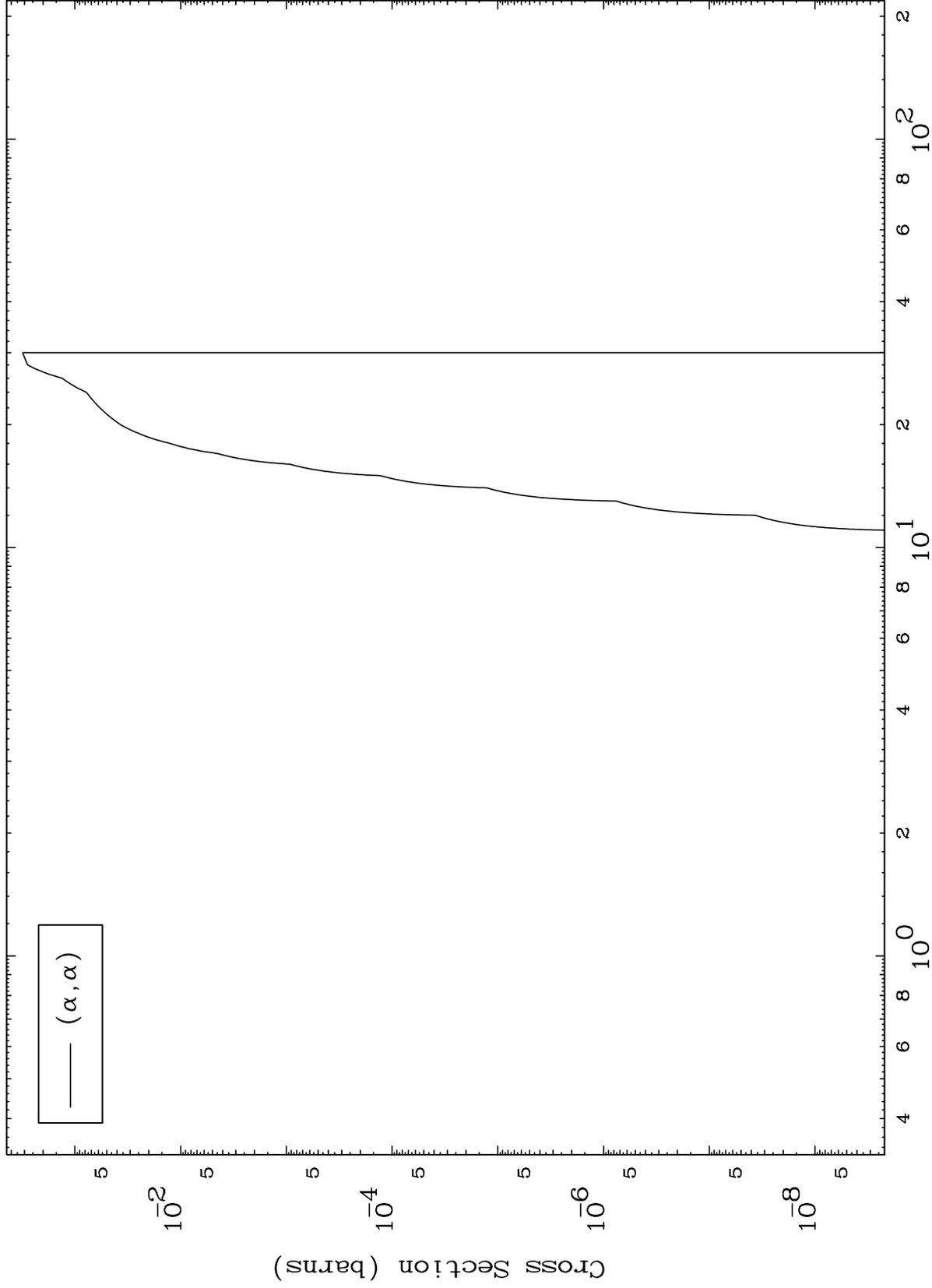


MAT 6207

(α, α) Levels

62-Sm-138

0 Kelvin Cross Sections

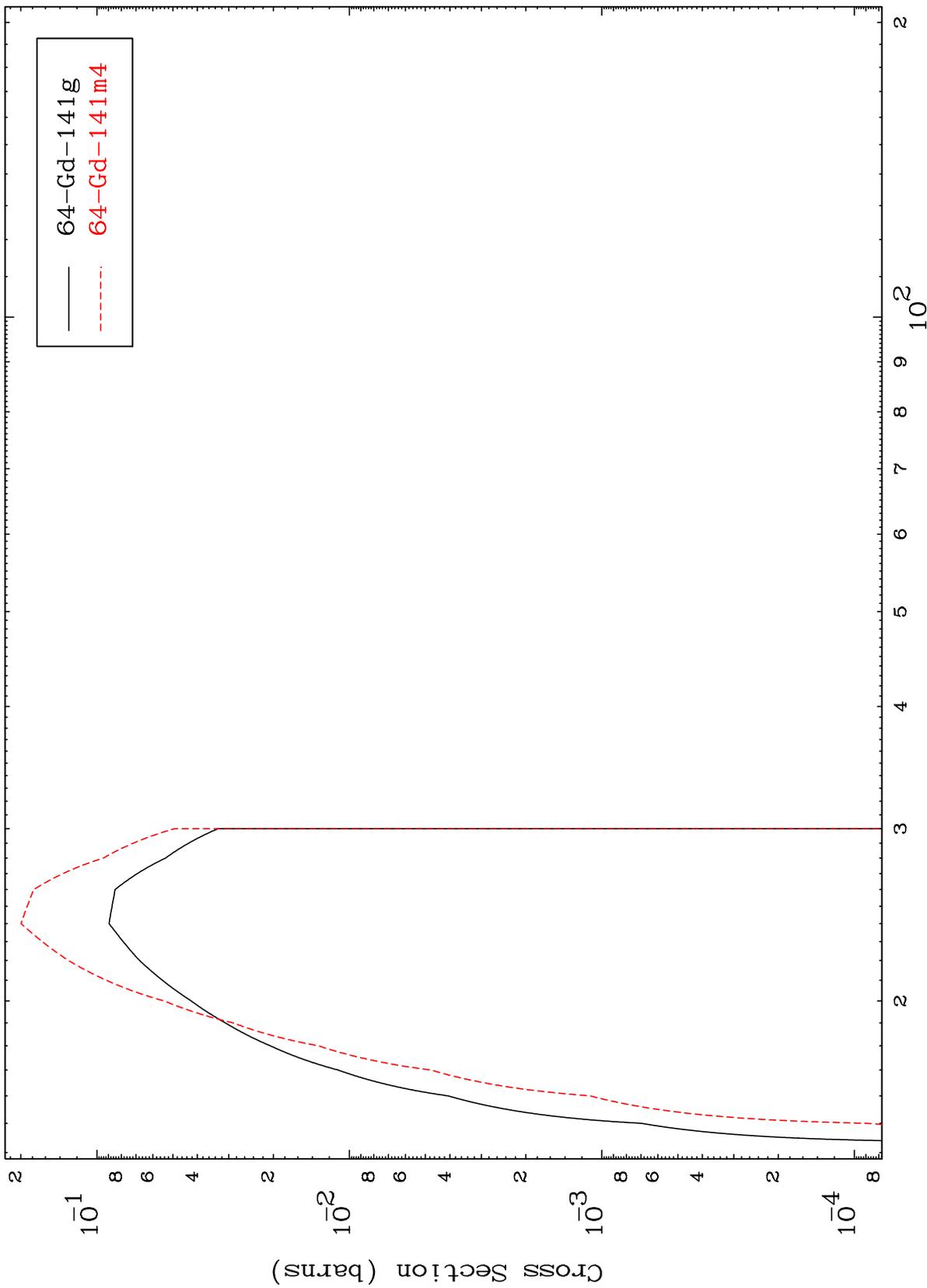


10

Incident Energy (MeV)

62-Sm-138

α Inelastic
Radionuclide Production Cross Section

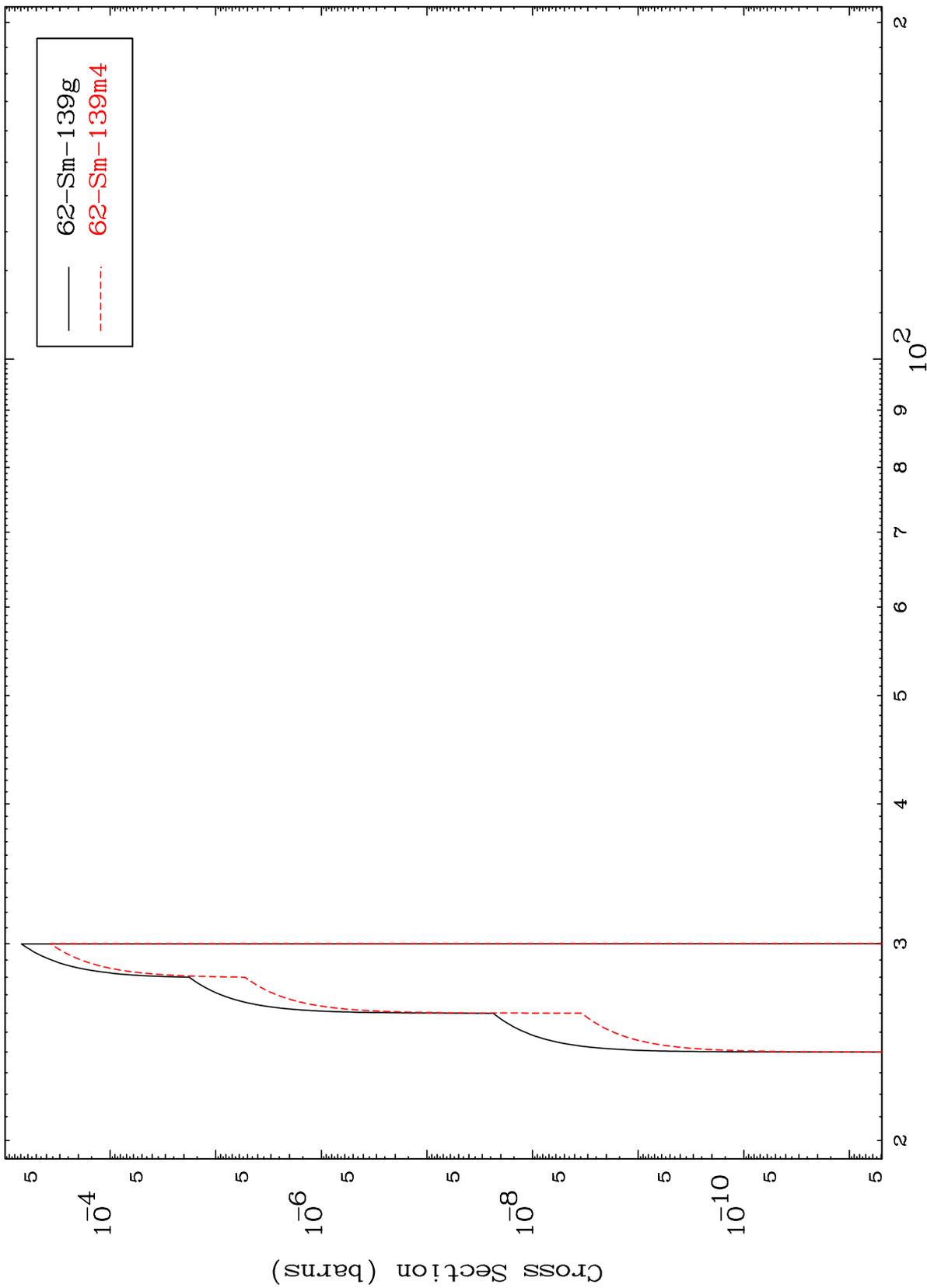


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$(\alpha, 2n)$ p

62-Sm-138

Radionuclide Production Cross Section



12

Incident Energy (MeV)

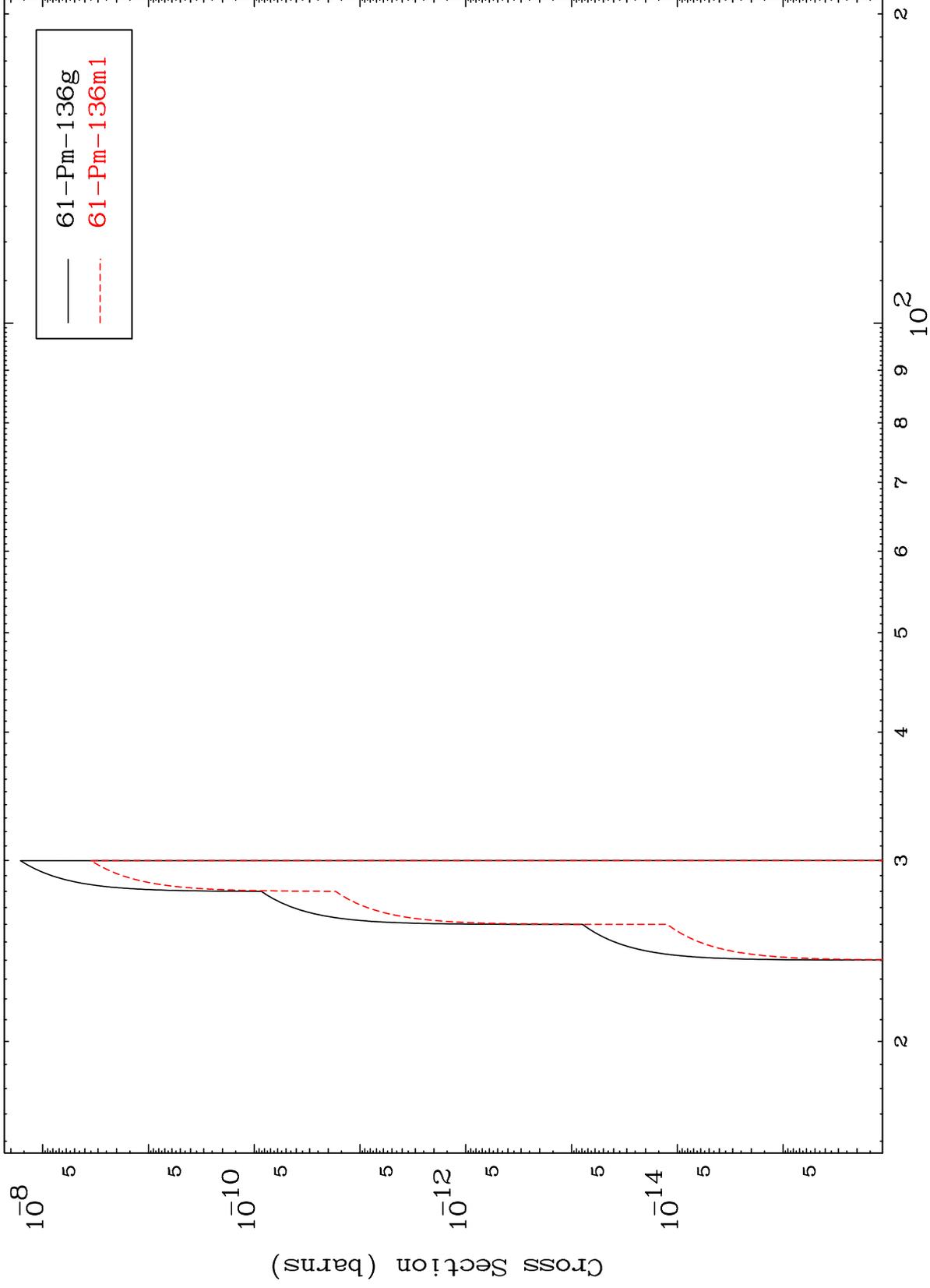
62-Sm-138

MAT 6207

(α, n') p α

62-Sm-138

Radionuclide Production Cross Section



13

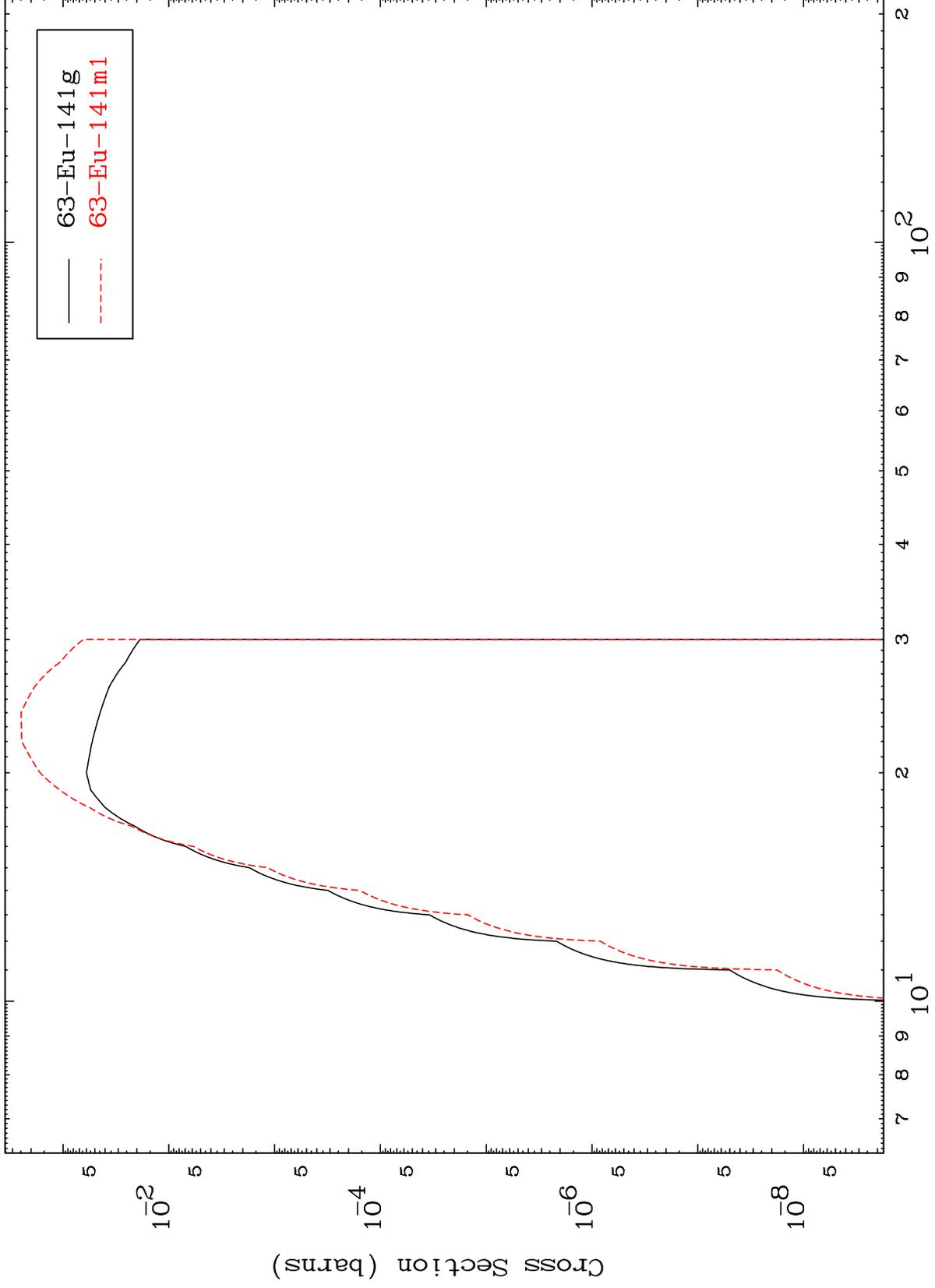
Incident Energy (MeV)

62-Sm-138

MAT 6207

62-Sm-138

(α, p)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

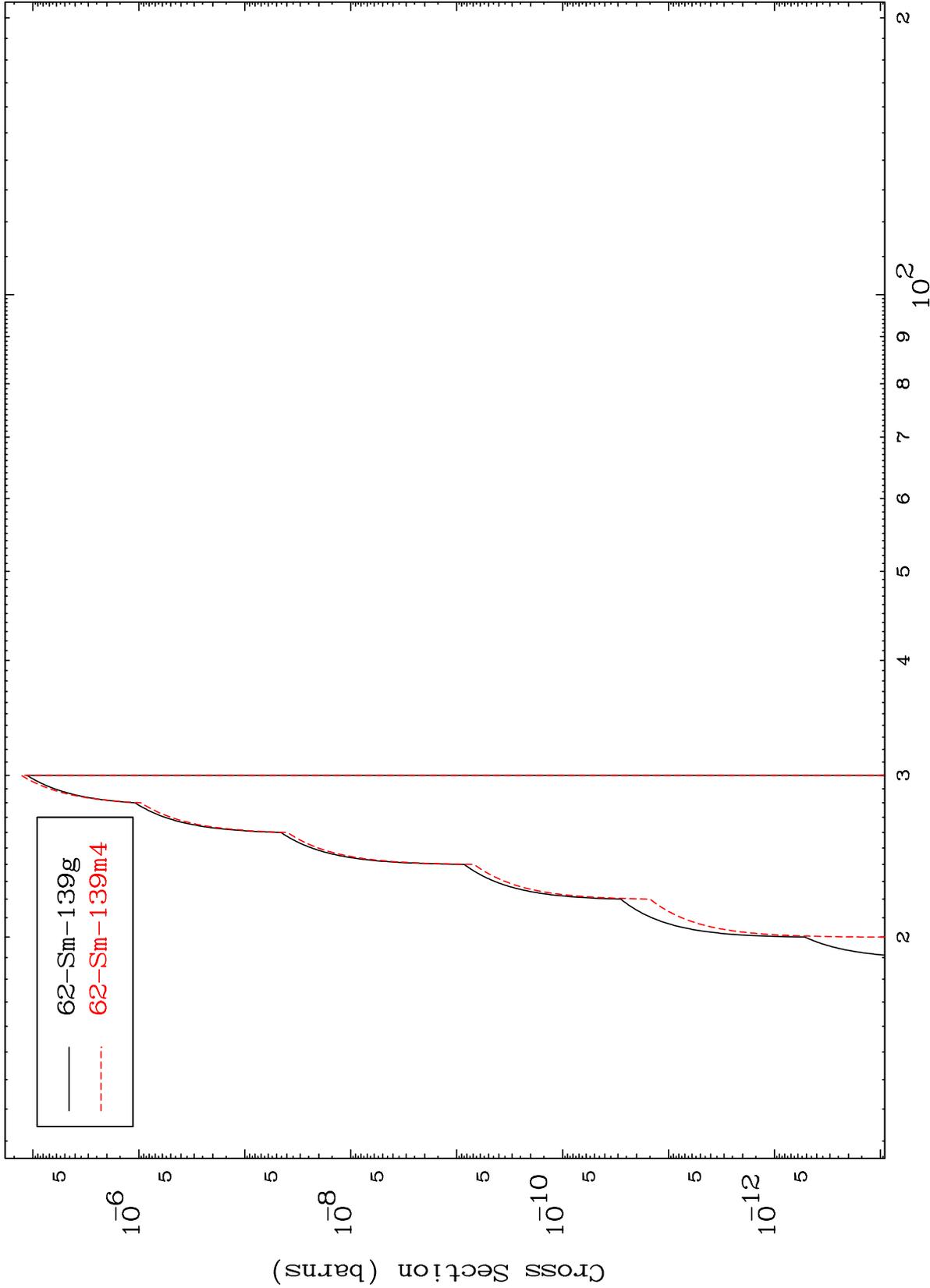
62-Sm-138

MAT 6207

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

62-Sm-138

Radionuclide Production Cross Section

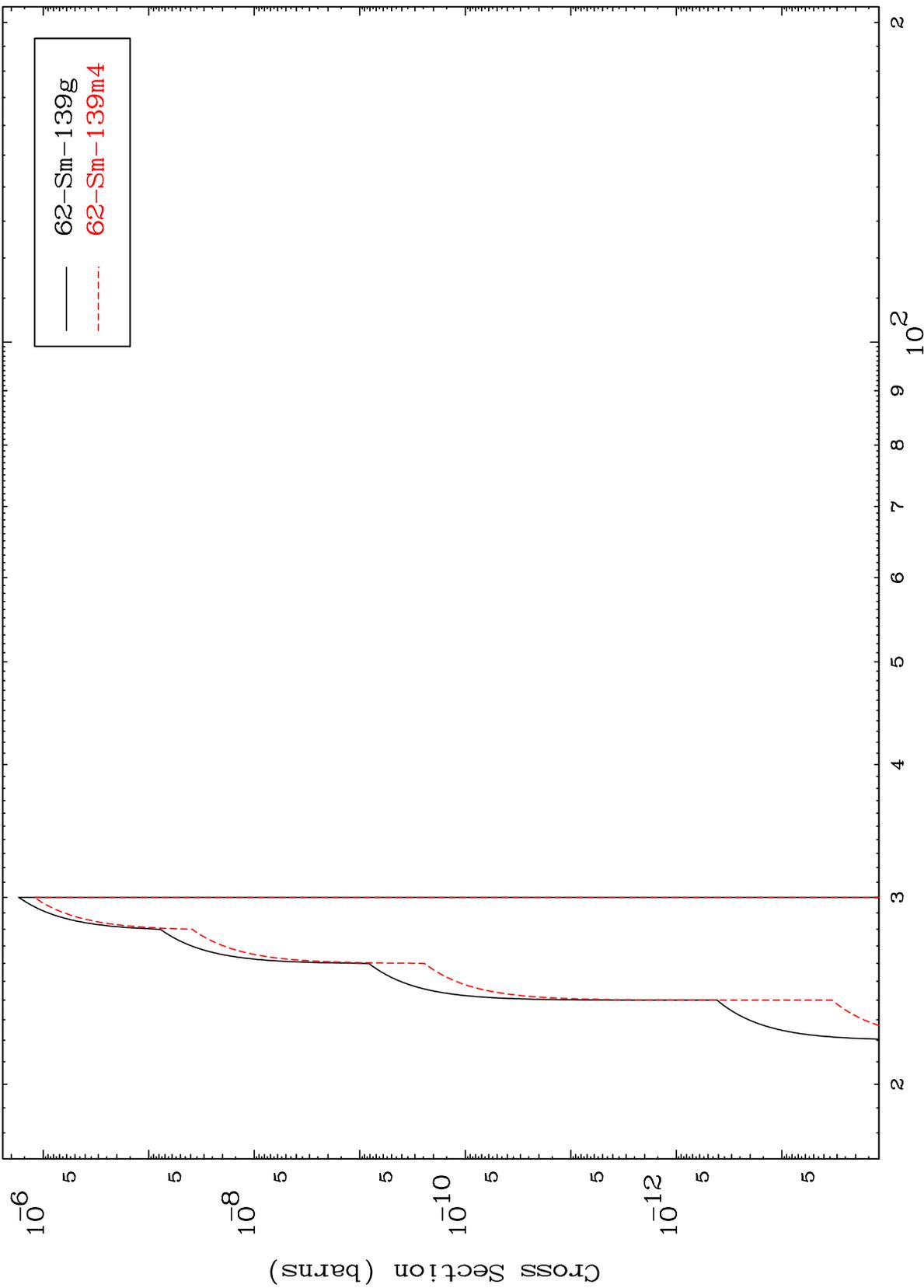


15

Incident Energy (MeV)

62-Sm-138

Radionuclide Production Cross Section



62-Sm-139g
62-Sm-139m4