

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

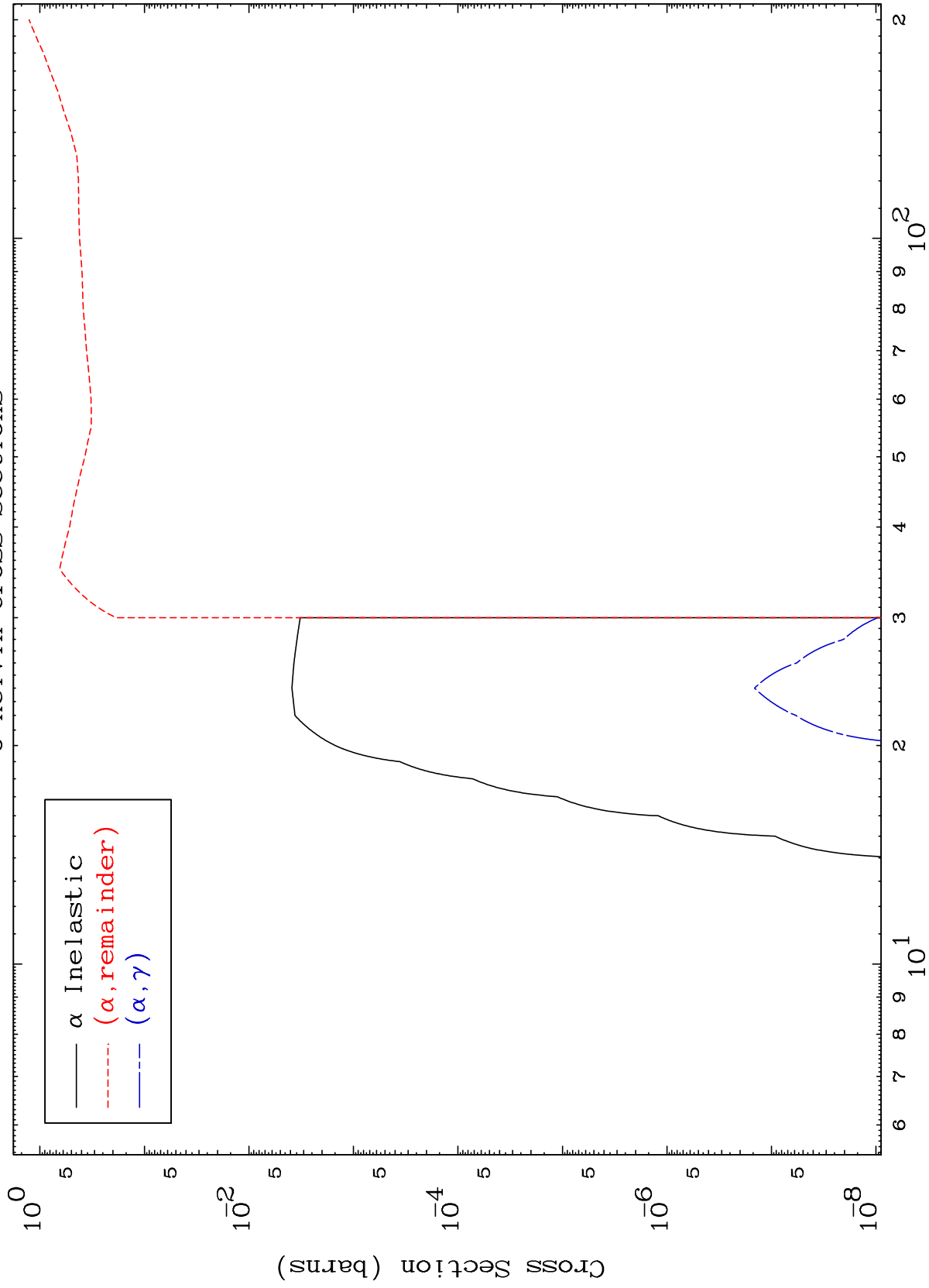
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9561

0 Kelvin α Major
Cross Sections

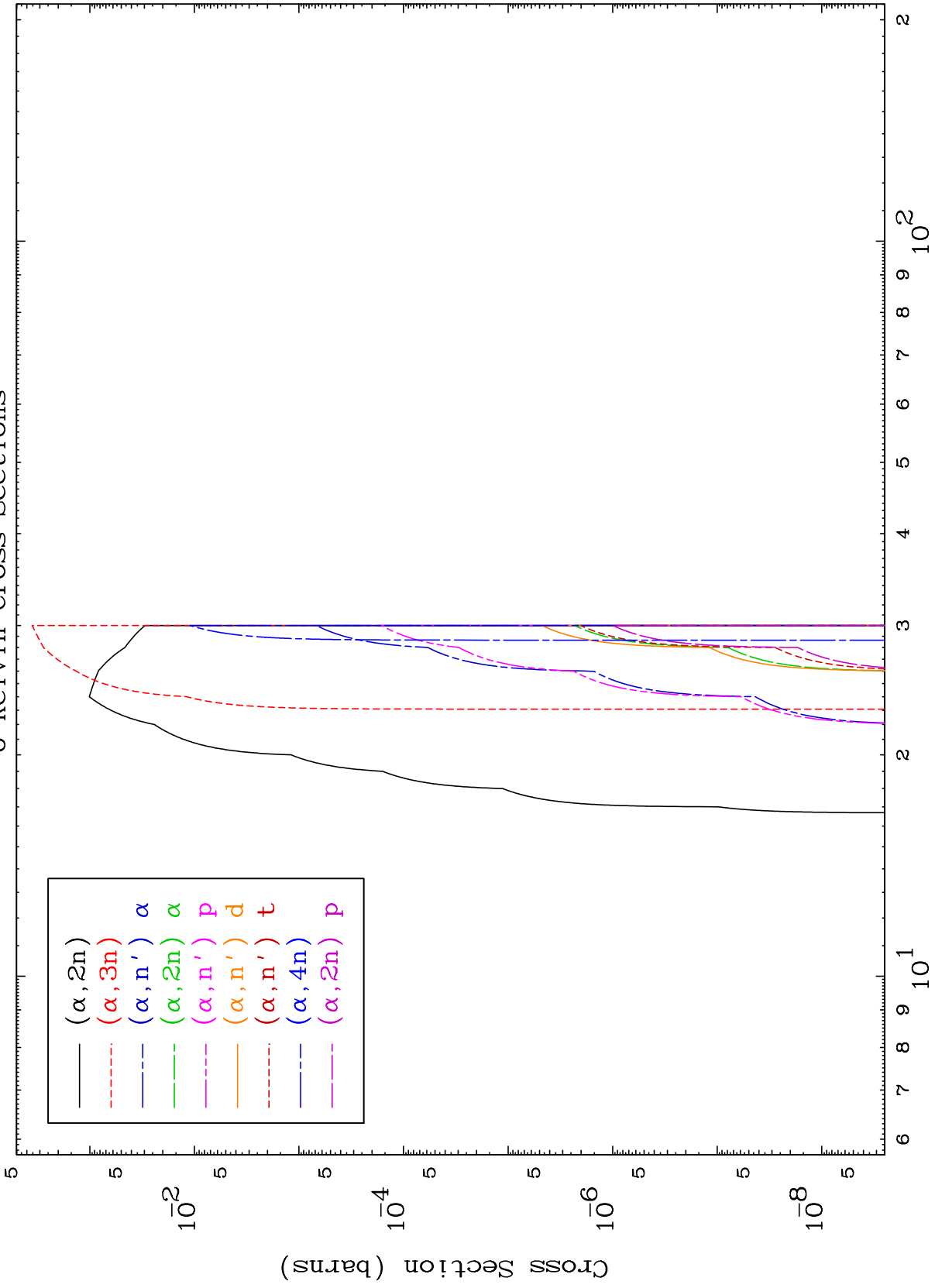
95-Am-247



MAT 9561

α Neutron Production
0 Kelvin Cross Sections

95-Am-247



2

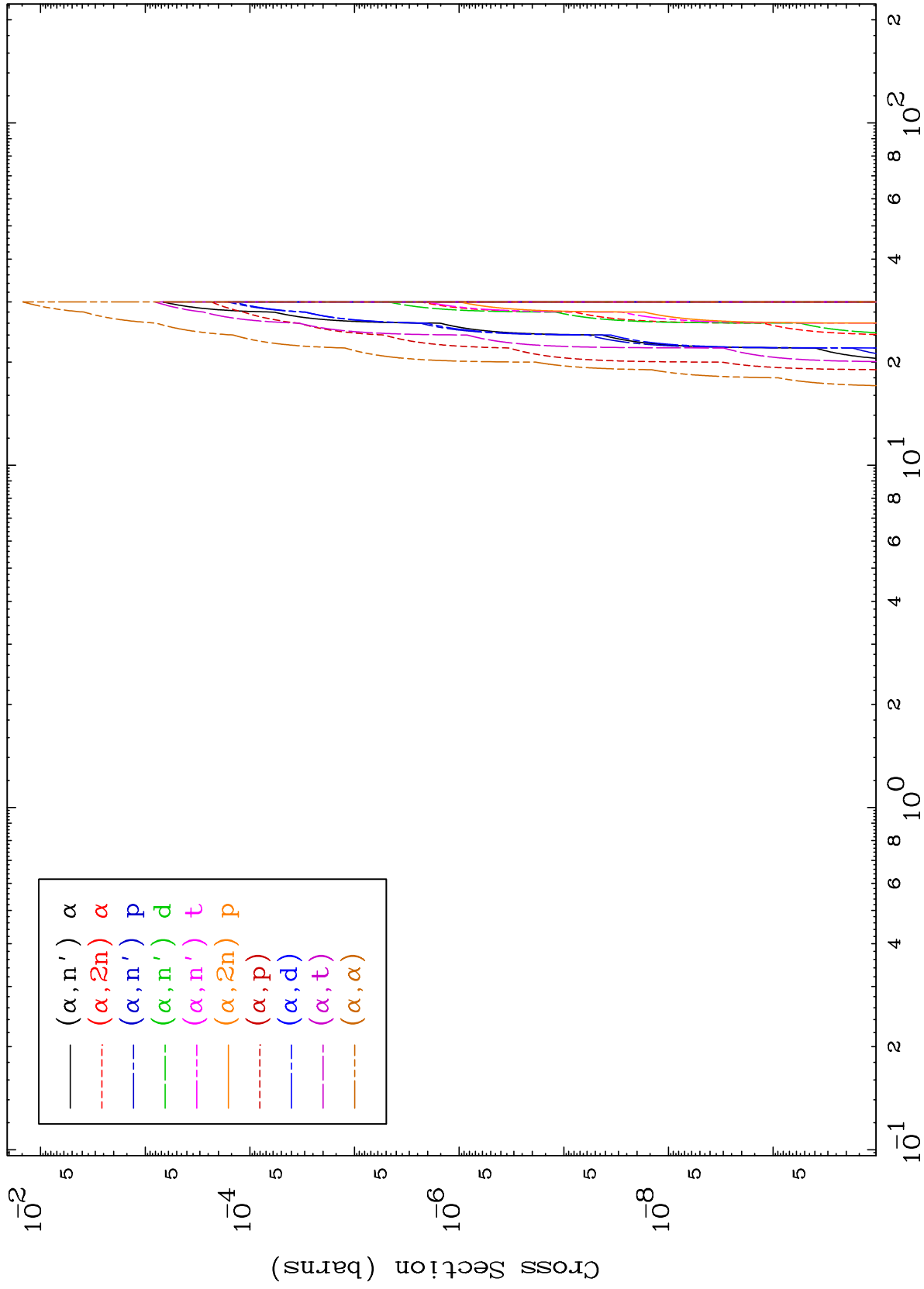
Incident Energy (MeV)

95-Am-247

MAT 9561

α Charged Particle
0 Kelvin Cross Sections

95-Am-247



3

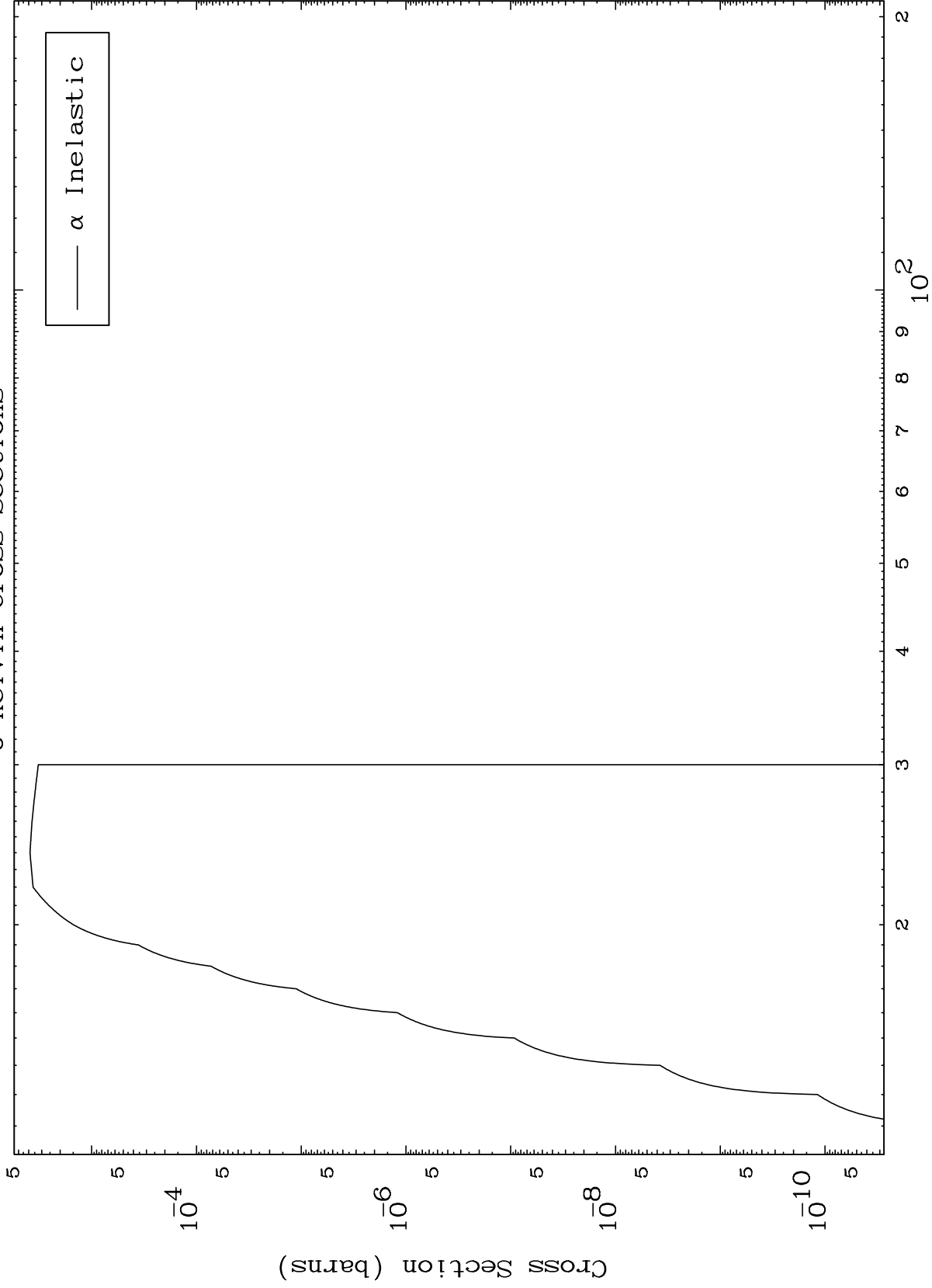
Incident Energy (MeV)

95-Am-247

MAT 9561

(α, n') Level
0 Kelvin Cross Sections

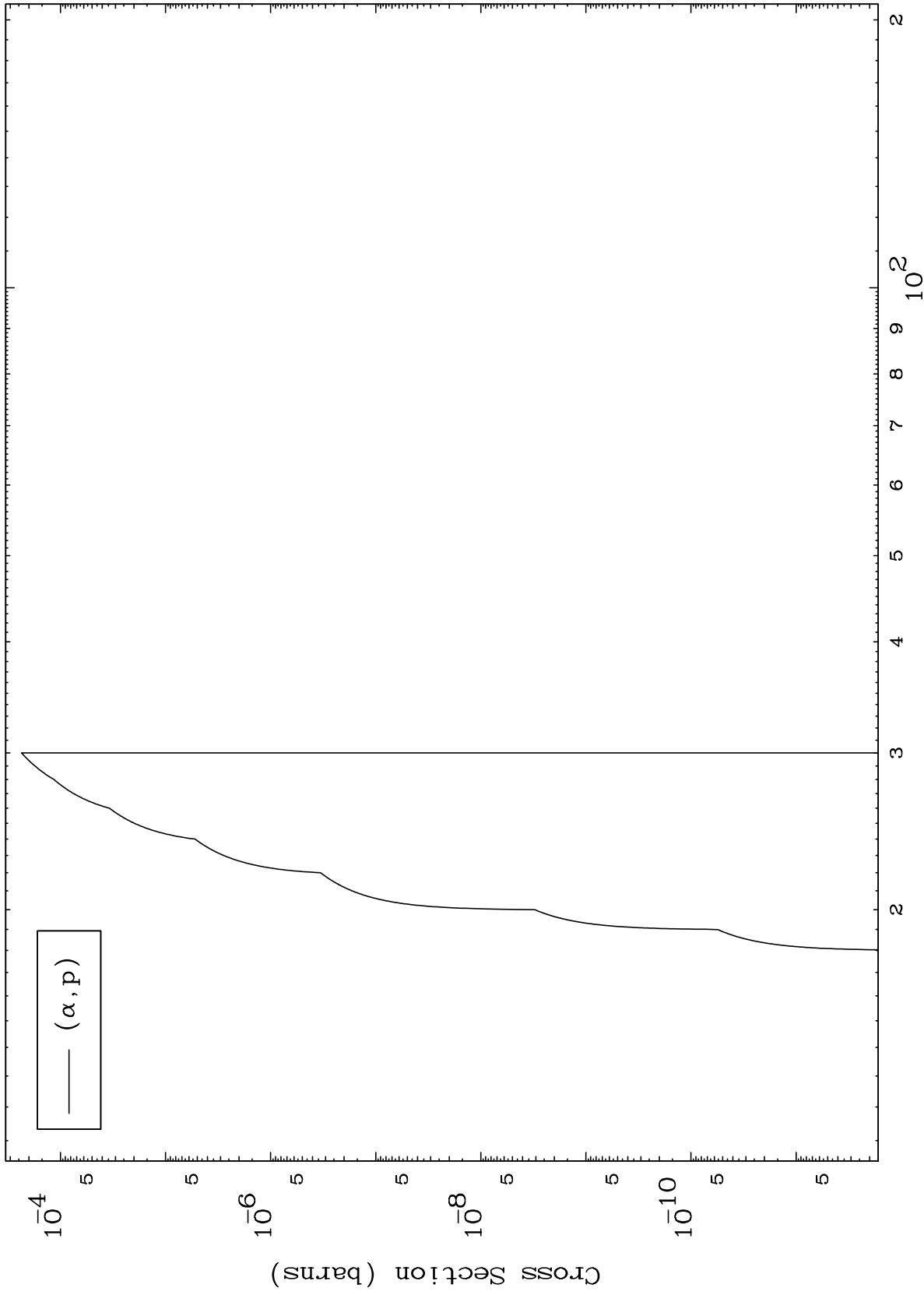
95-Am-247



4

Incident Energy (MeV)

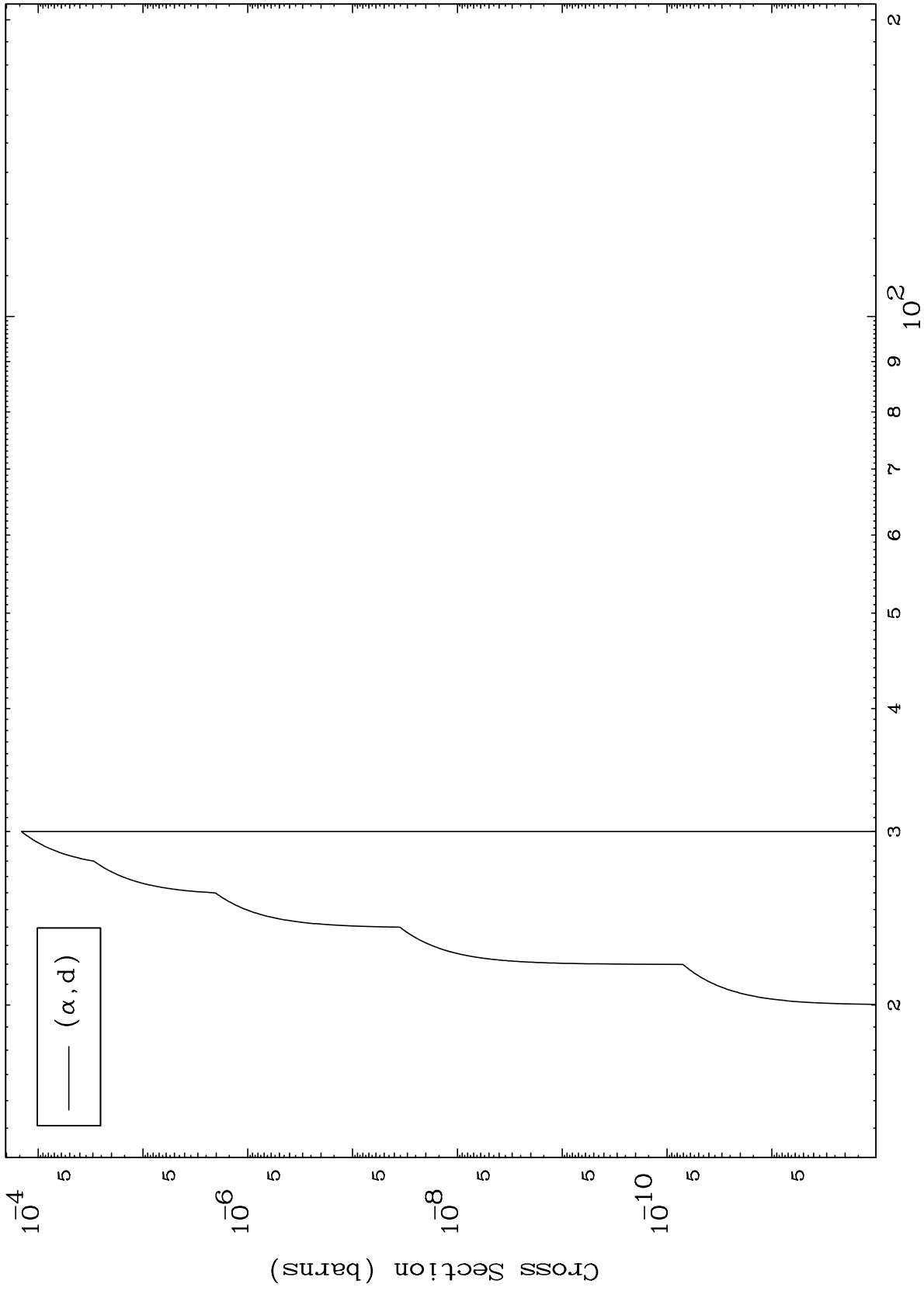
95-Am-247



MAT 9561

(α, d) Levels
0 Kelvin Cross Sections

95-Am-247



6

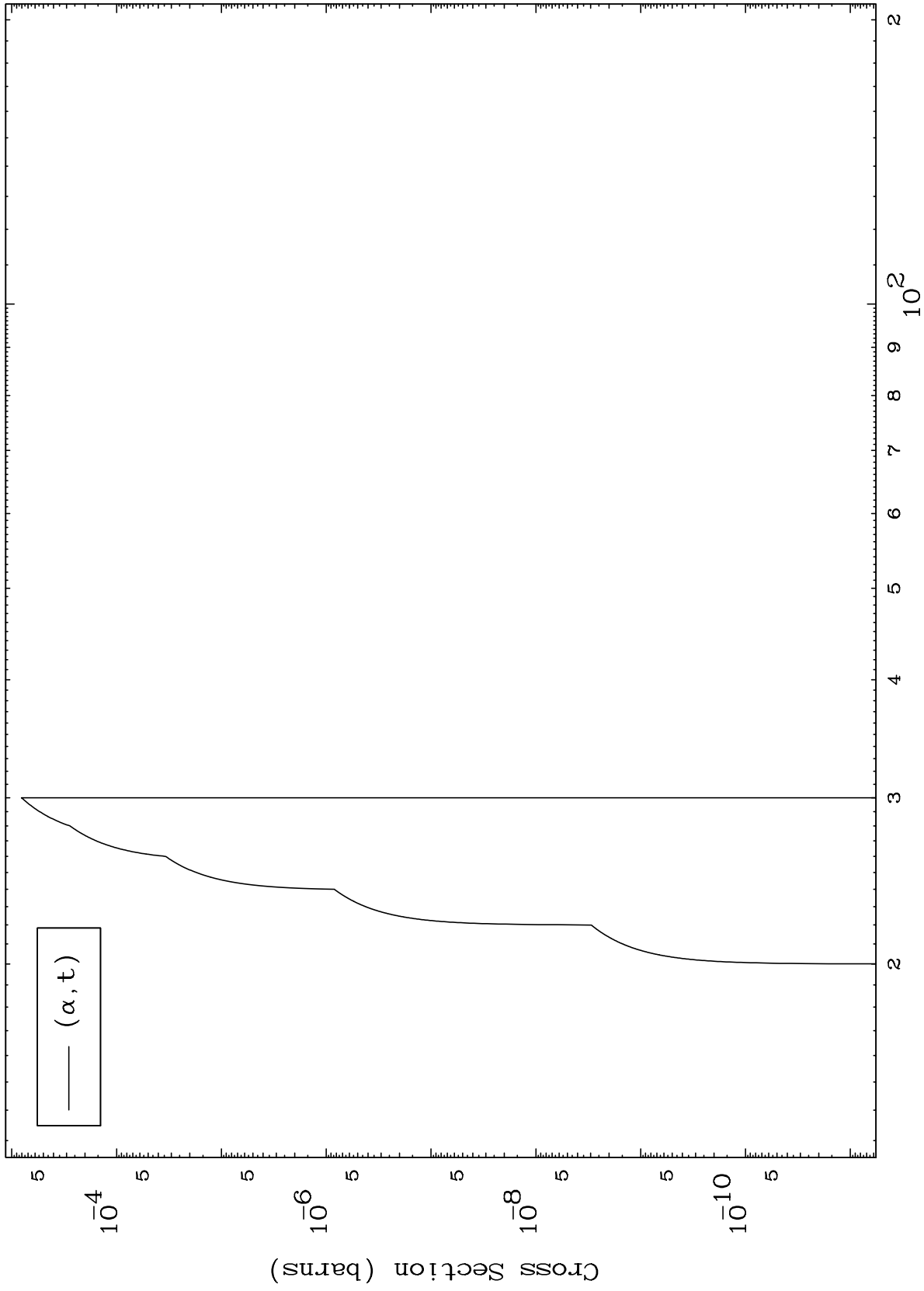
Incident Energy (MeV)

95-Am-247

MAT 9561

(α, t) Levels
0 Kelvin Cross Sections

95-Am-247



7

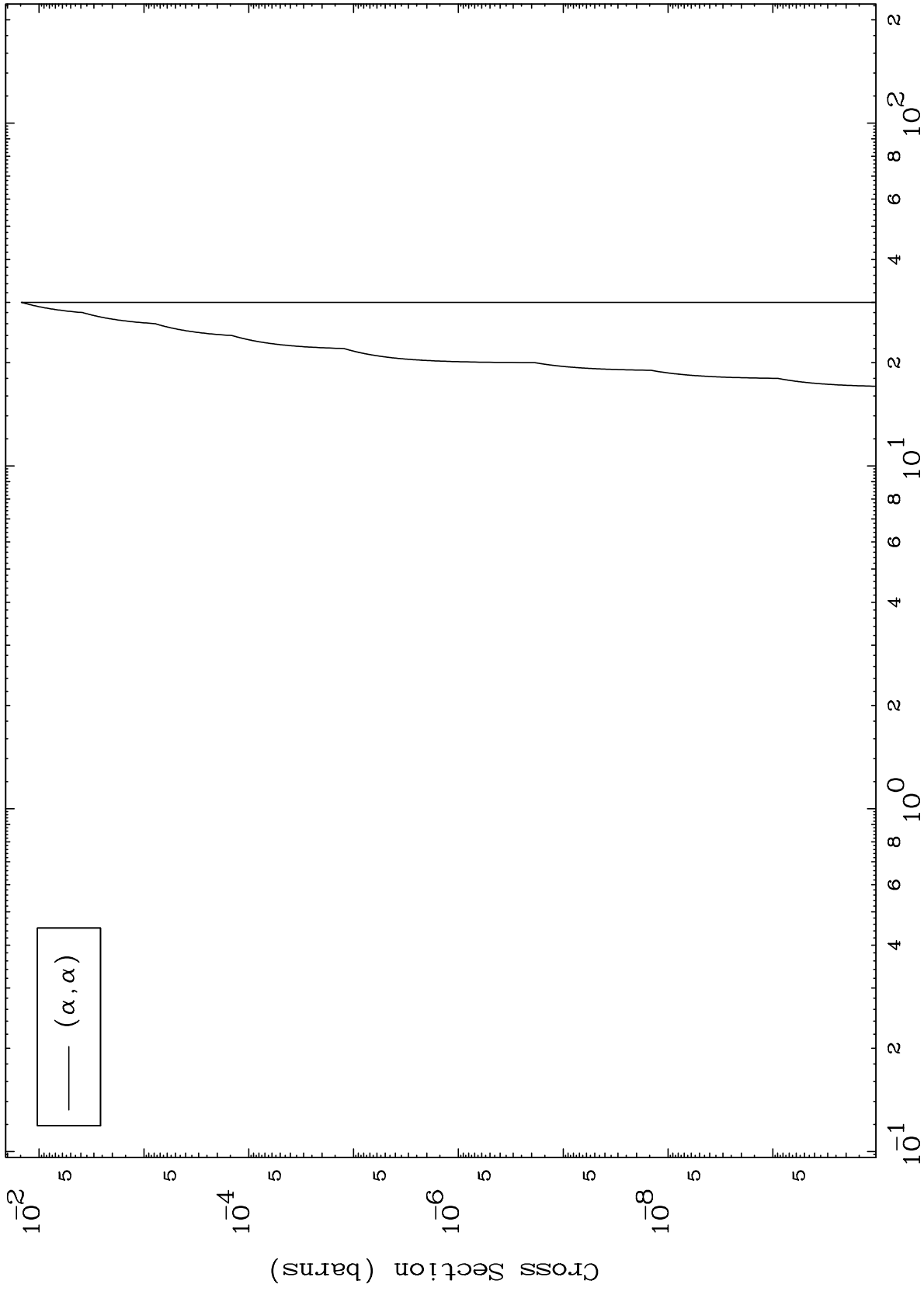
Incident Energy (MeV)

95-Am-247

MAT 9561

(α, α) Levels
0 Kelvin Cross Sections

95-Am-247



8

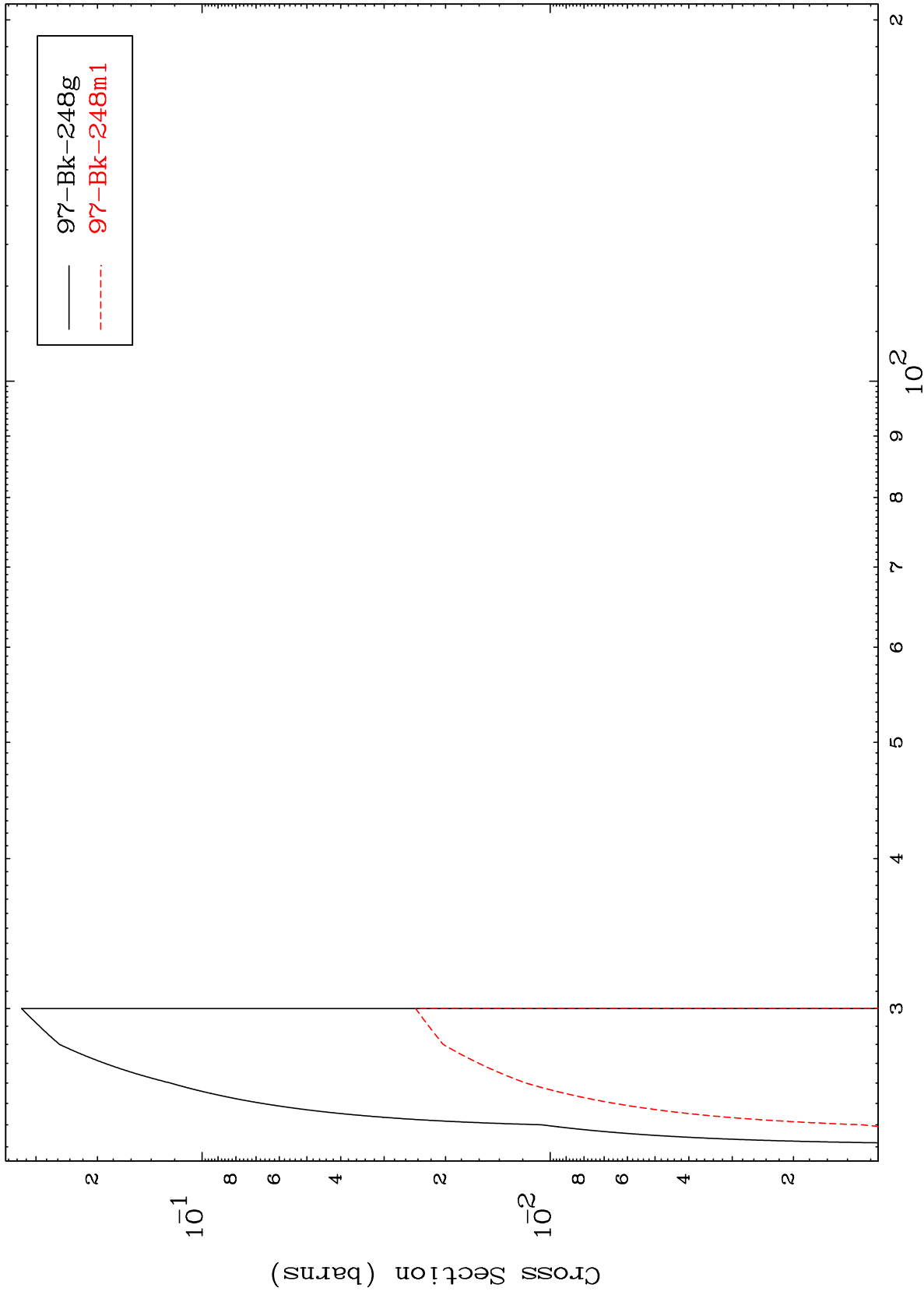
Incident Energy (MeV)

95-Am-247

MAT 9561

95-Am-247

($\alpha, 3n$)
Radionuclide Production Cross Section



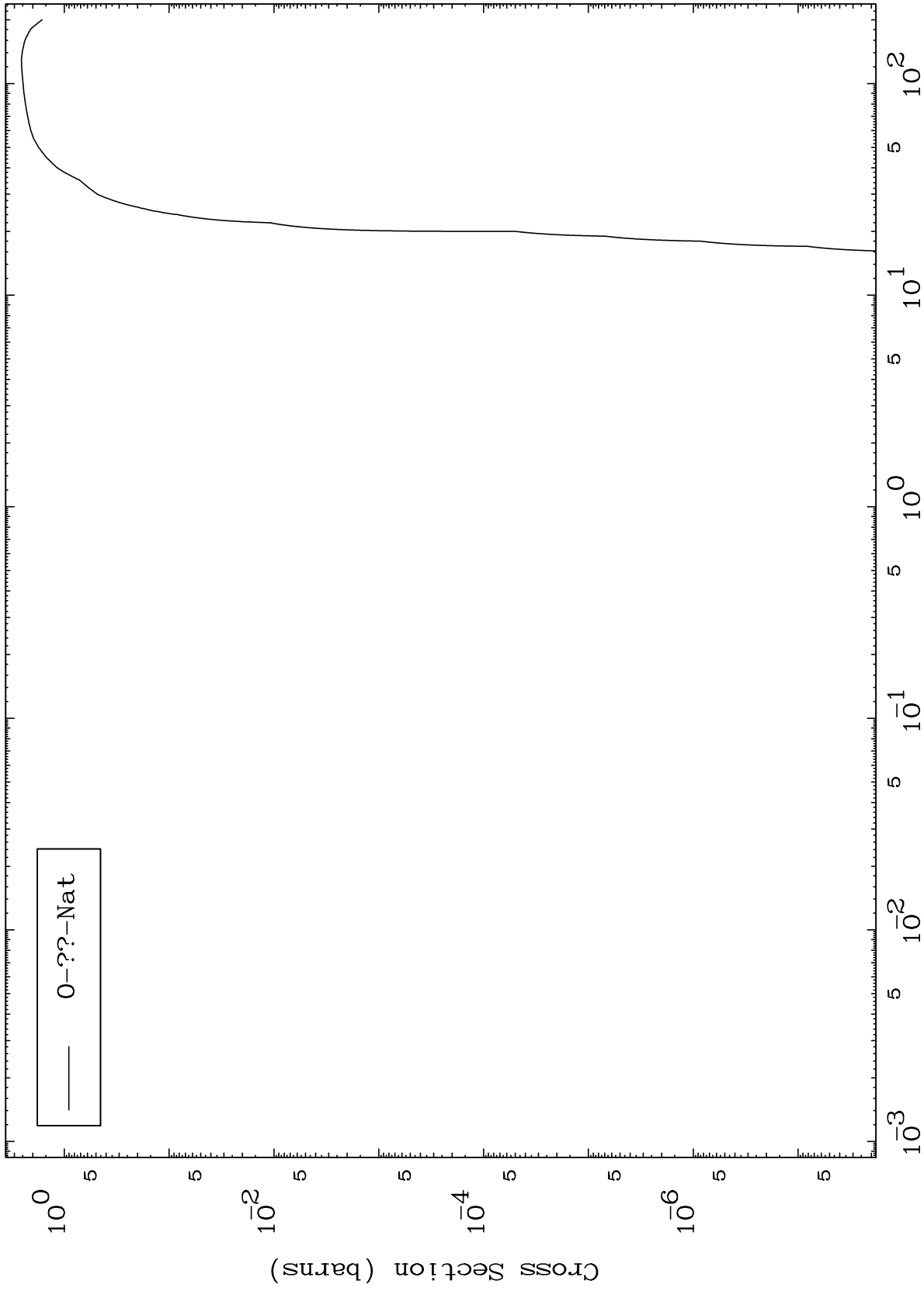
9

95-Am-247

MAT 9561

α Fission
Radionuclide Production Cross Section

95-Am-247



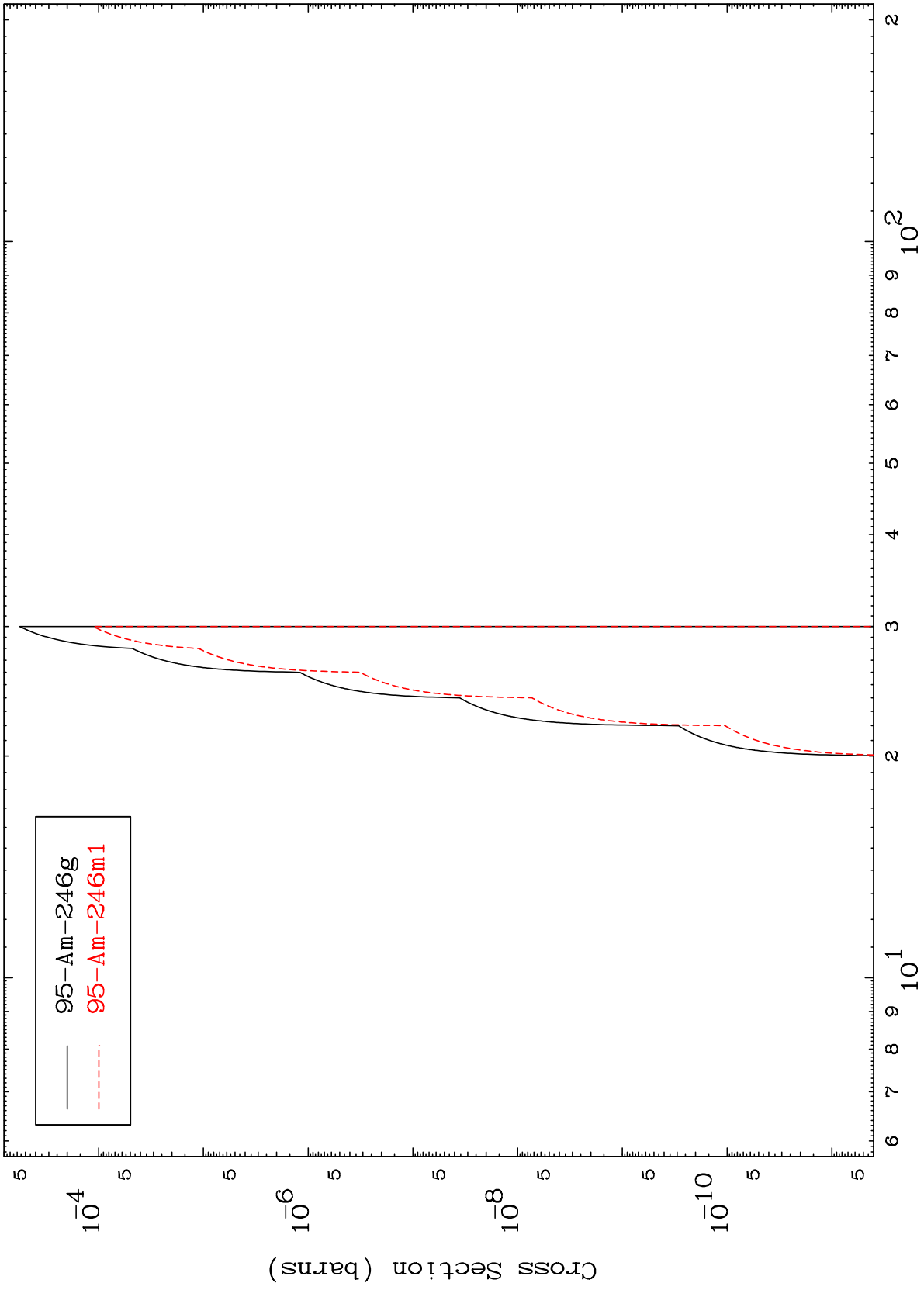
Incident Energy (MeV)

95-Am-247

MAT 9561

95-Am-247

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



11

95-Am-247