

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

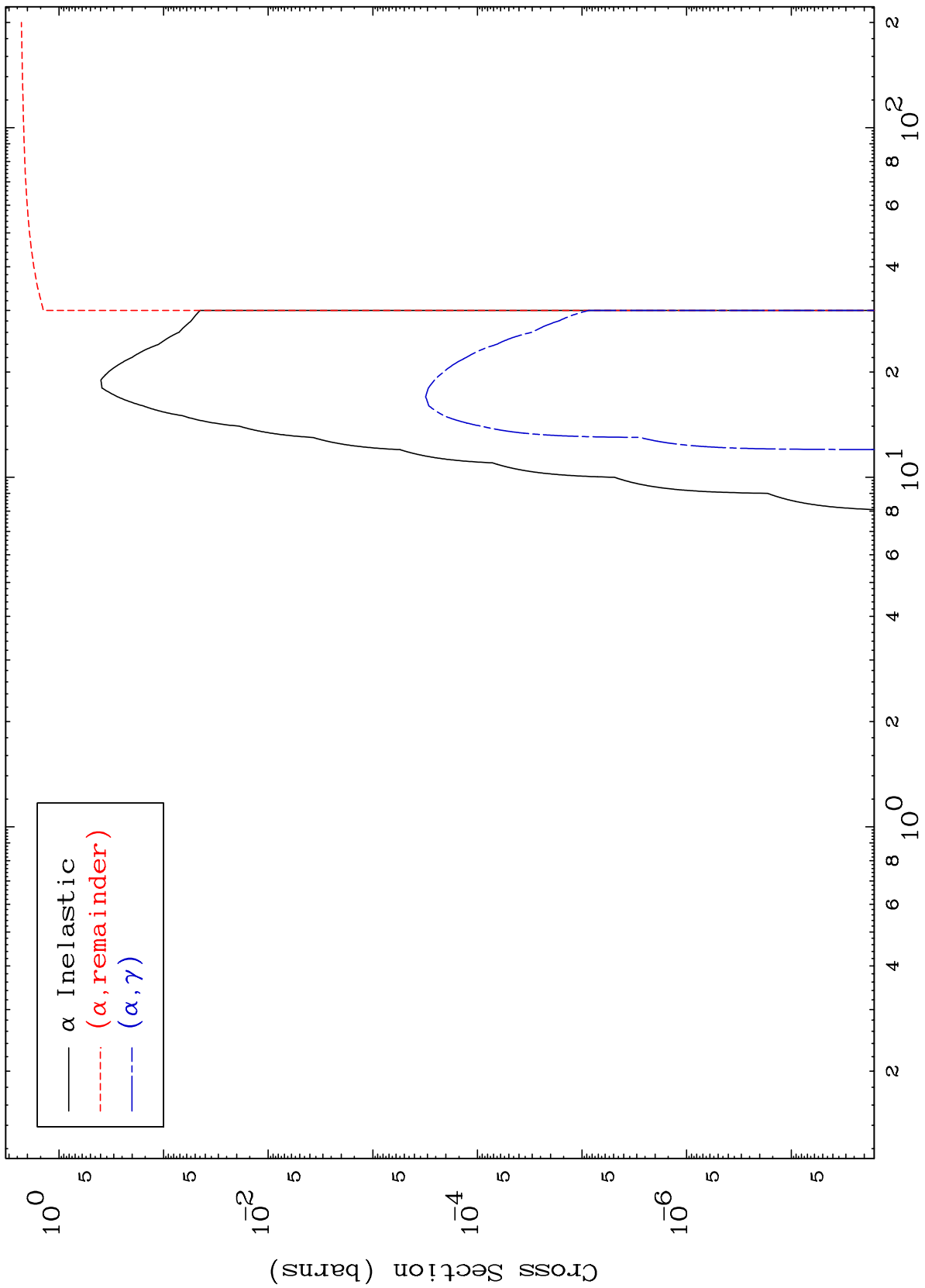
Press Mouse Button to Start

MAT 5517

α Major

55-Cs-130

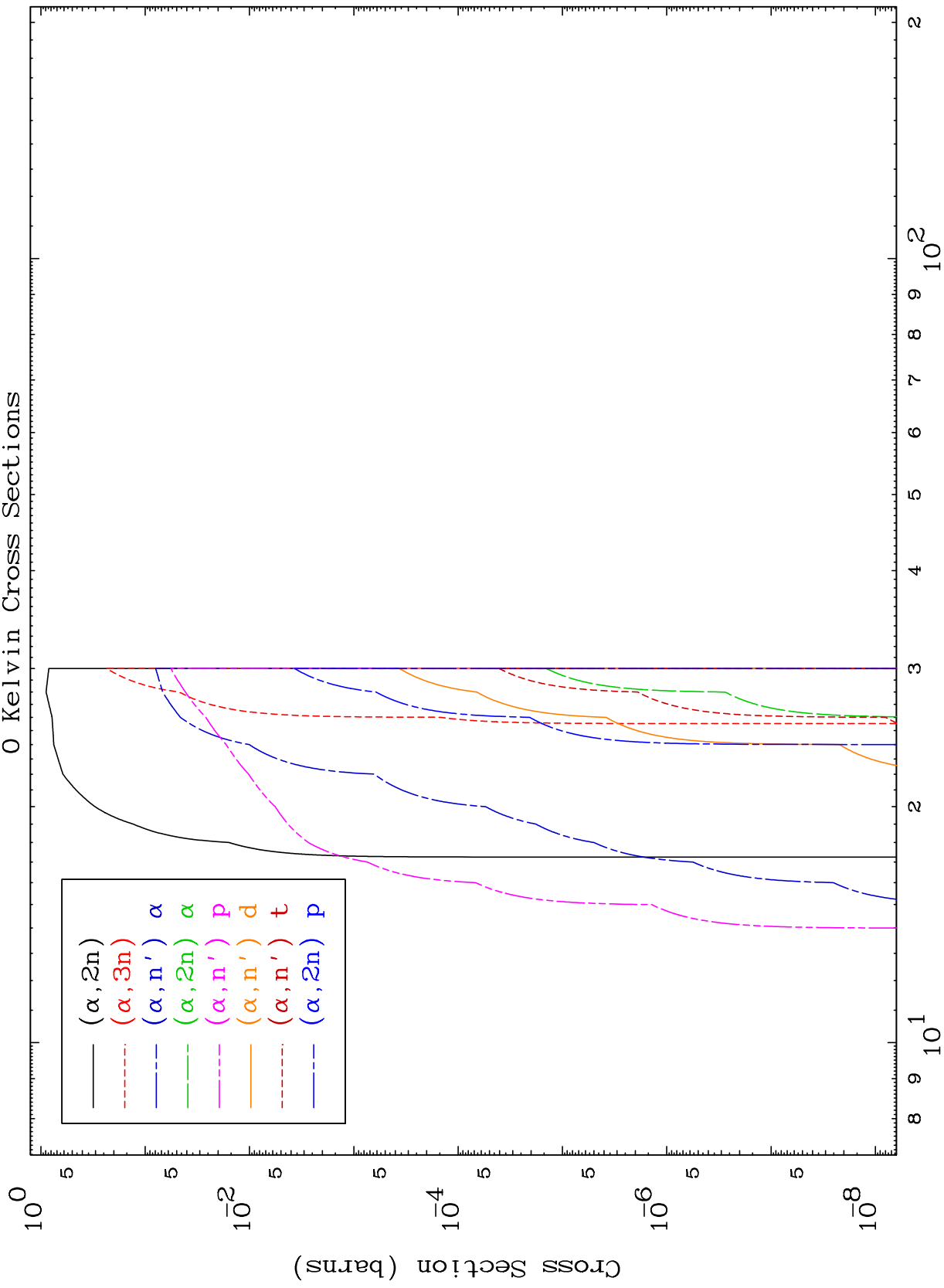
0 Kelvin Cross Sections



MAT 5517

α Neutron Production
0 Kelvin Cross Sections

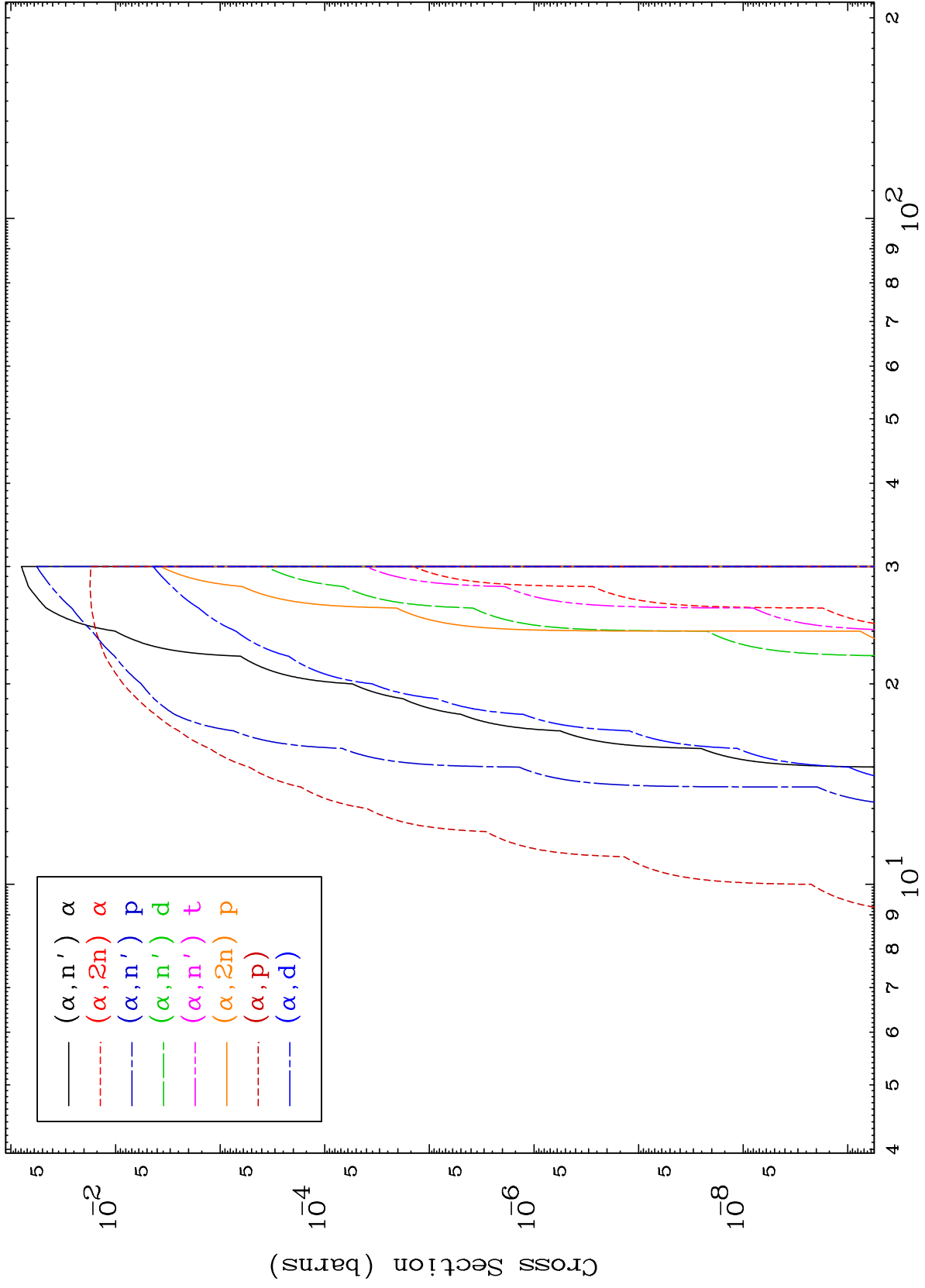
55-Cs-130



2

Incident Energy (MeV)

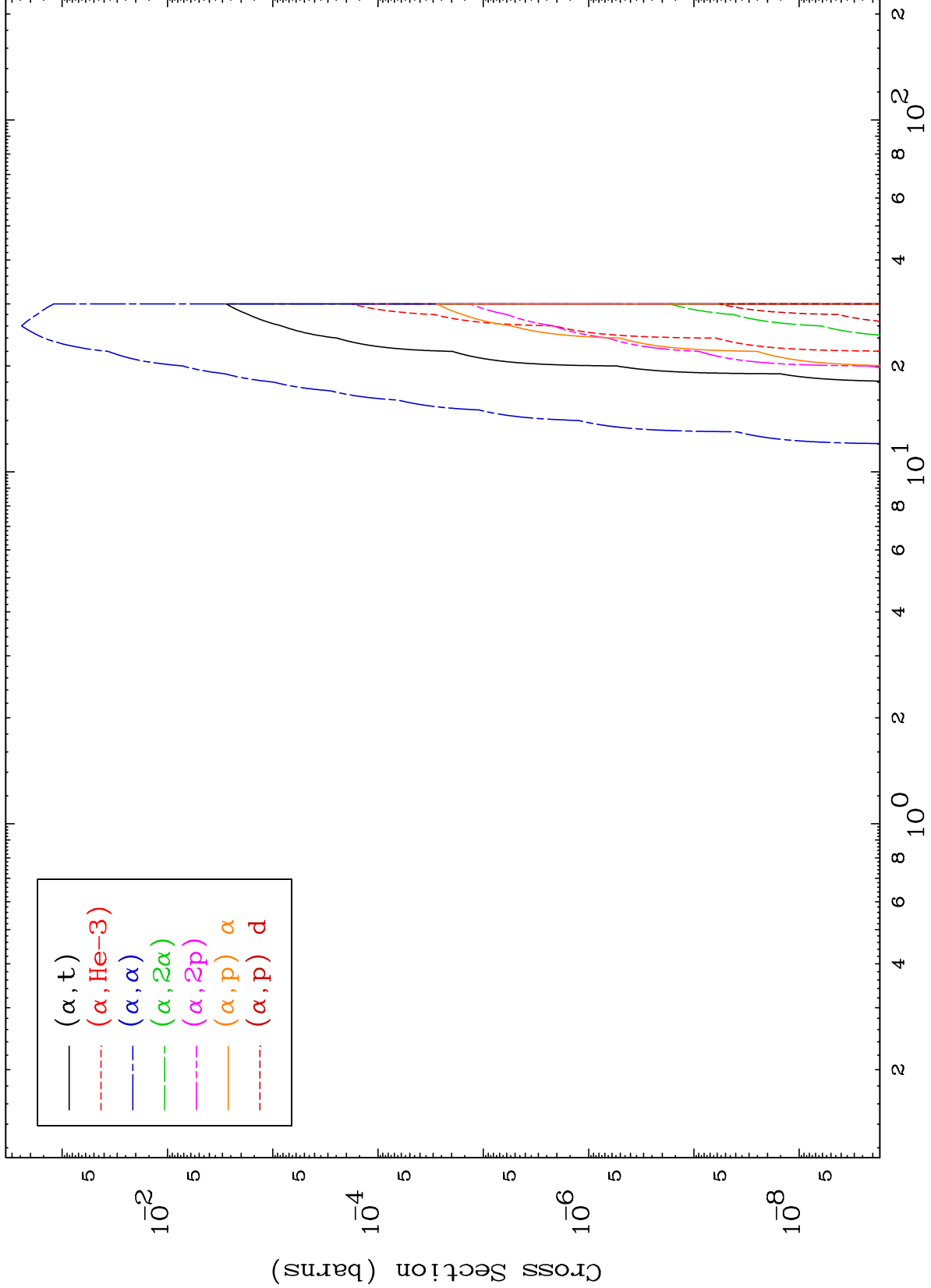
55-Cs-130



MAT 5517

α Charged Particle
0 Kelvin Cross Sections

55-Cs-130



55-Cs-130

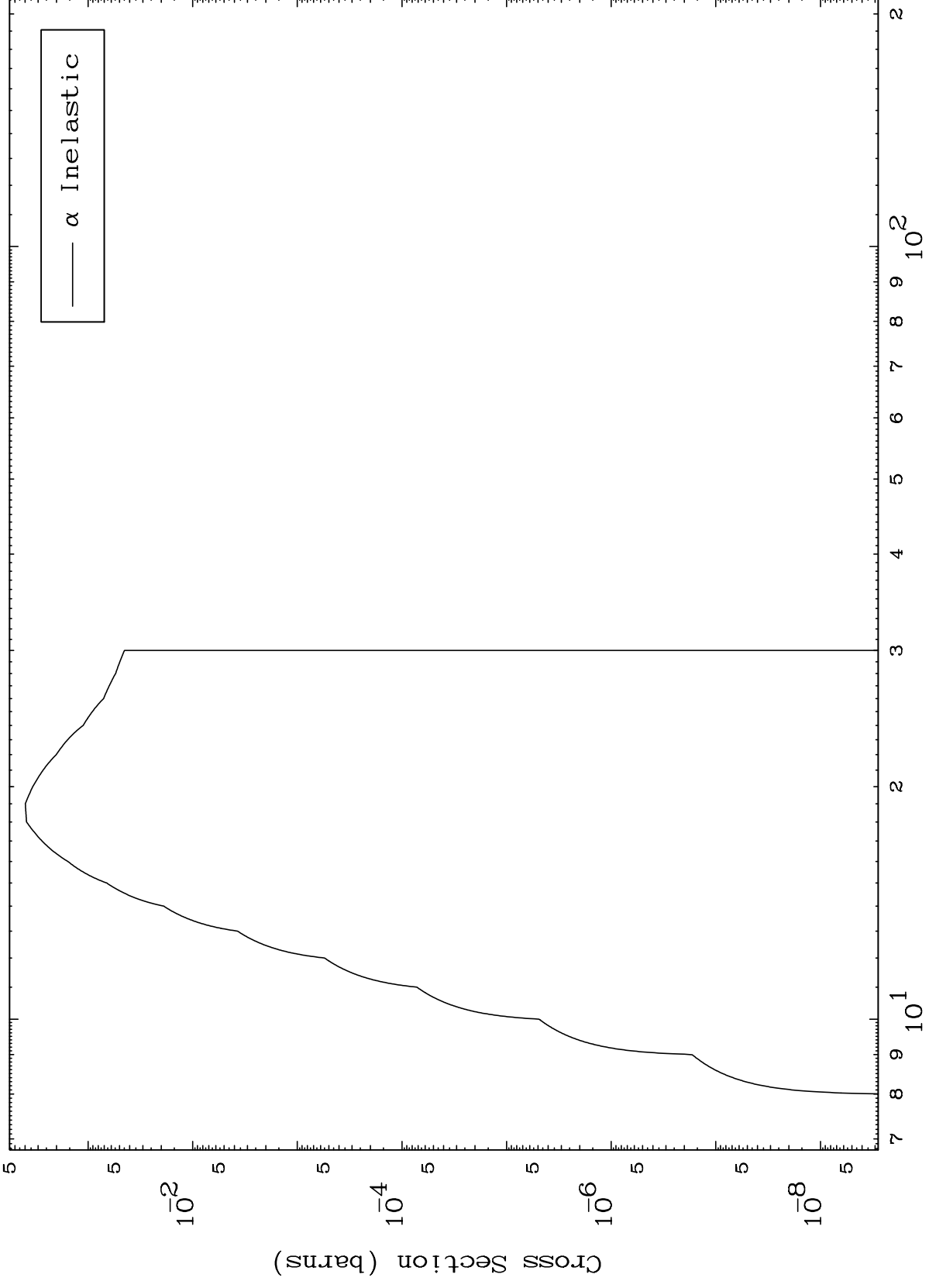
Incident Energy (MeV)

MAT 5517

(α, n') Level

55-Cs-130

0 Kelvin Cross Sections



5

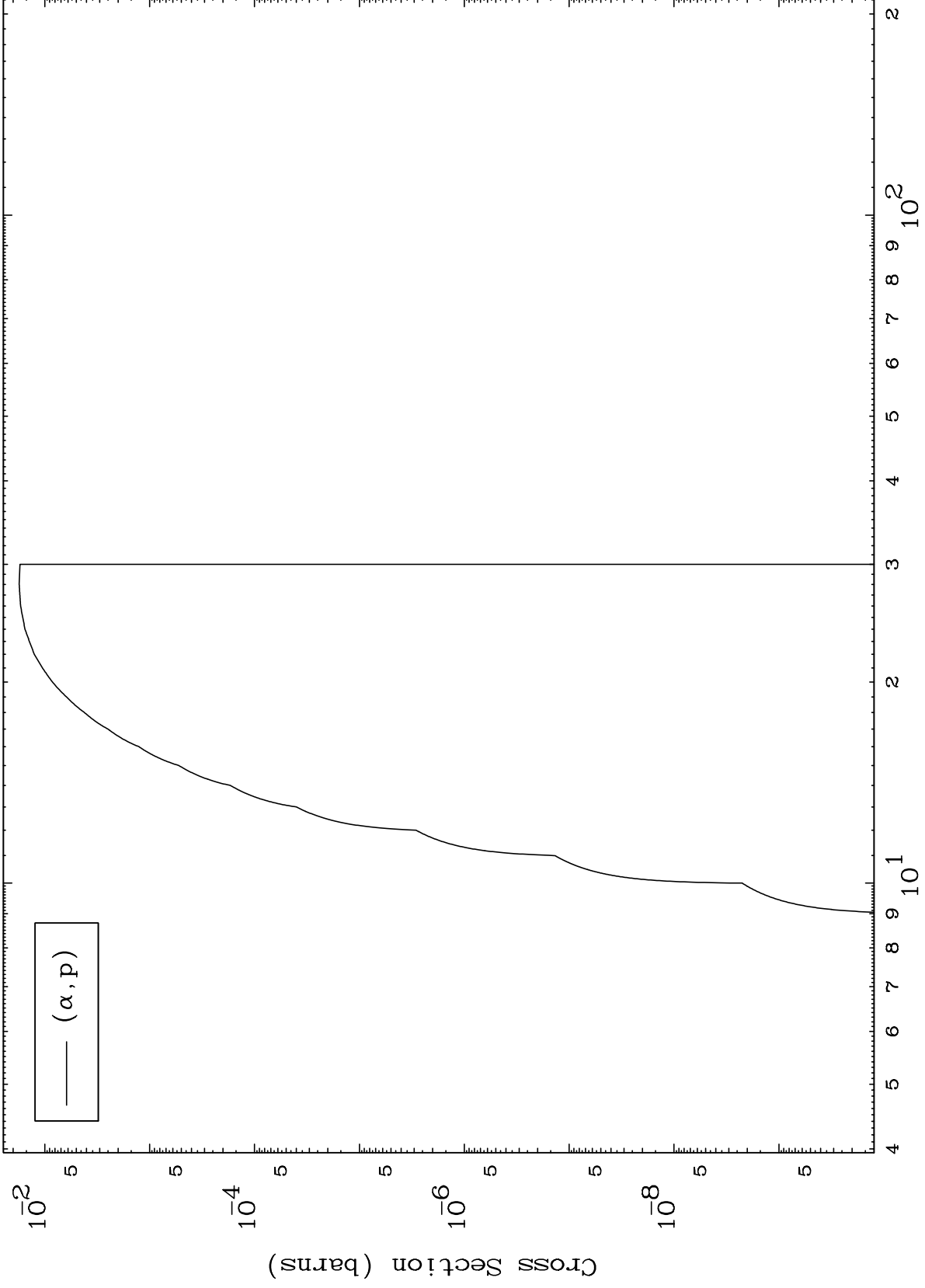
Incident Energy (MeV)

55-Cs-130

MAT 5517

(α, p) Levels
0 Kelvin Cross Sections

55-Cs-130



6

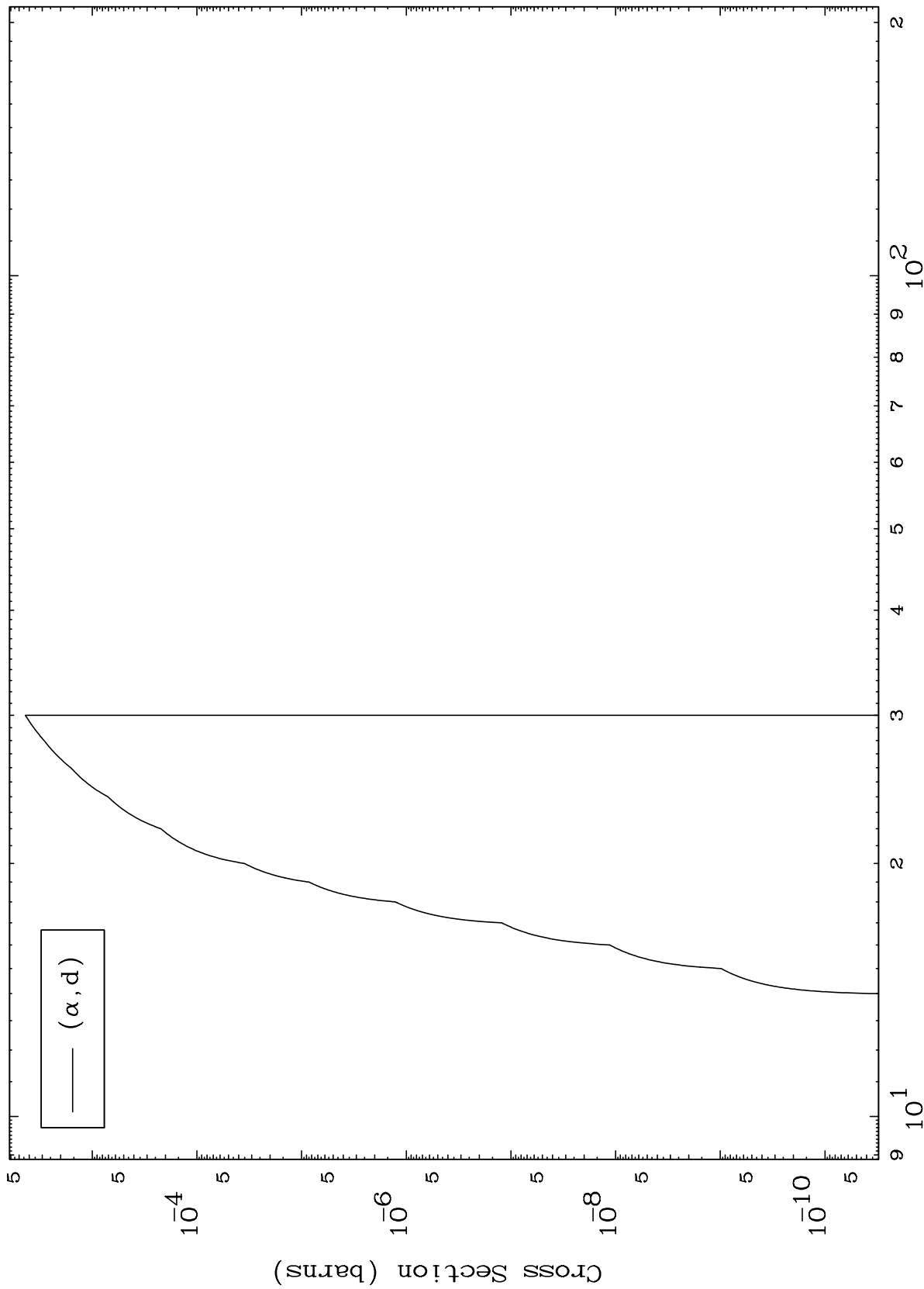
Incident Energy (MeV)

55-Cs-130

MAT 5517

(α, d) Levels
0 Kelvin Cross Sections

55-Cs-130



Incident Energy (MeV)

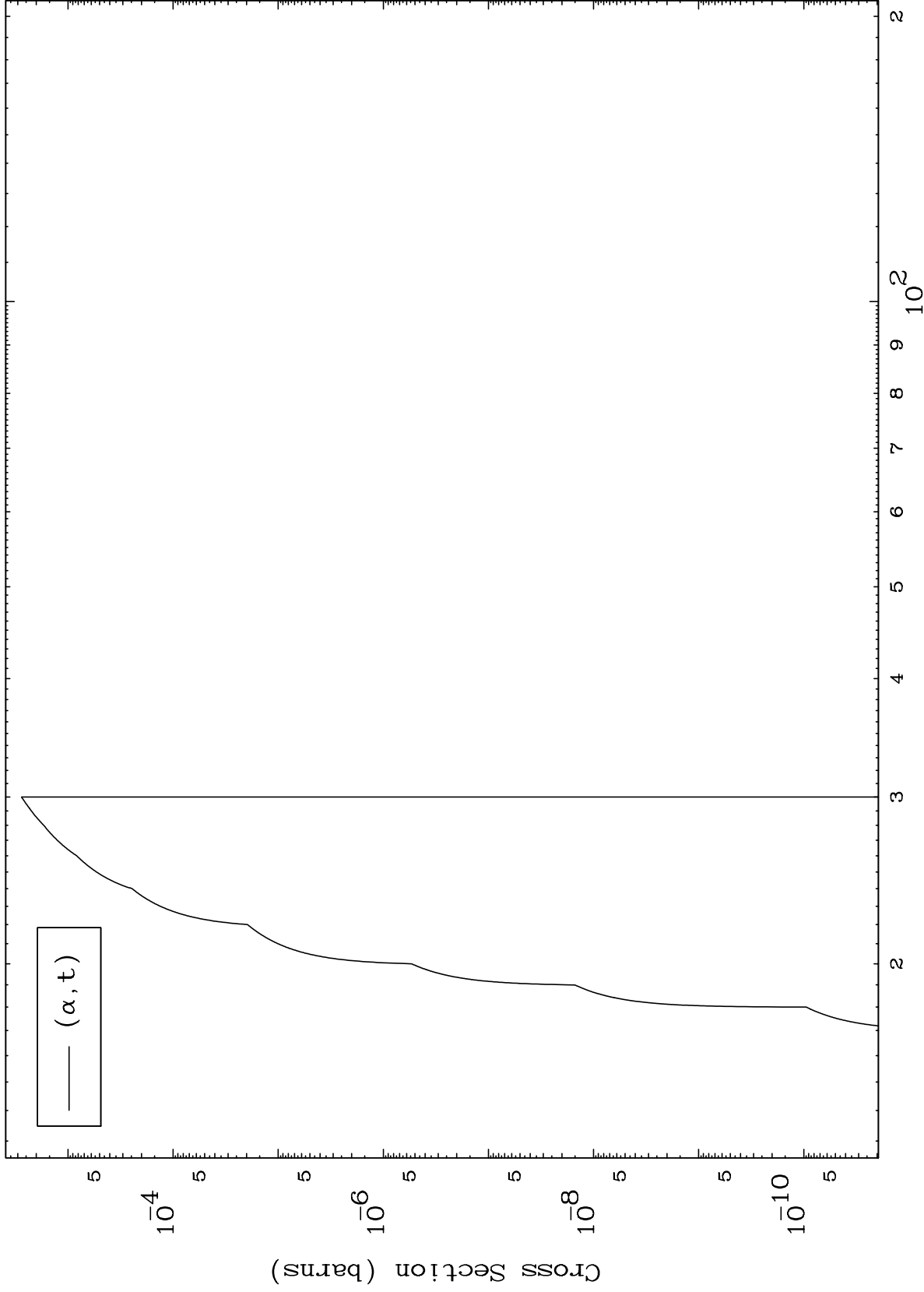
55-Cs-130

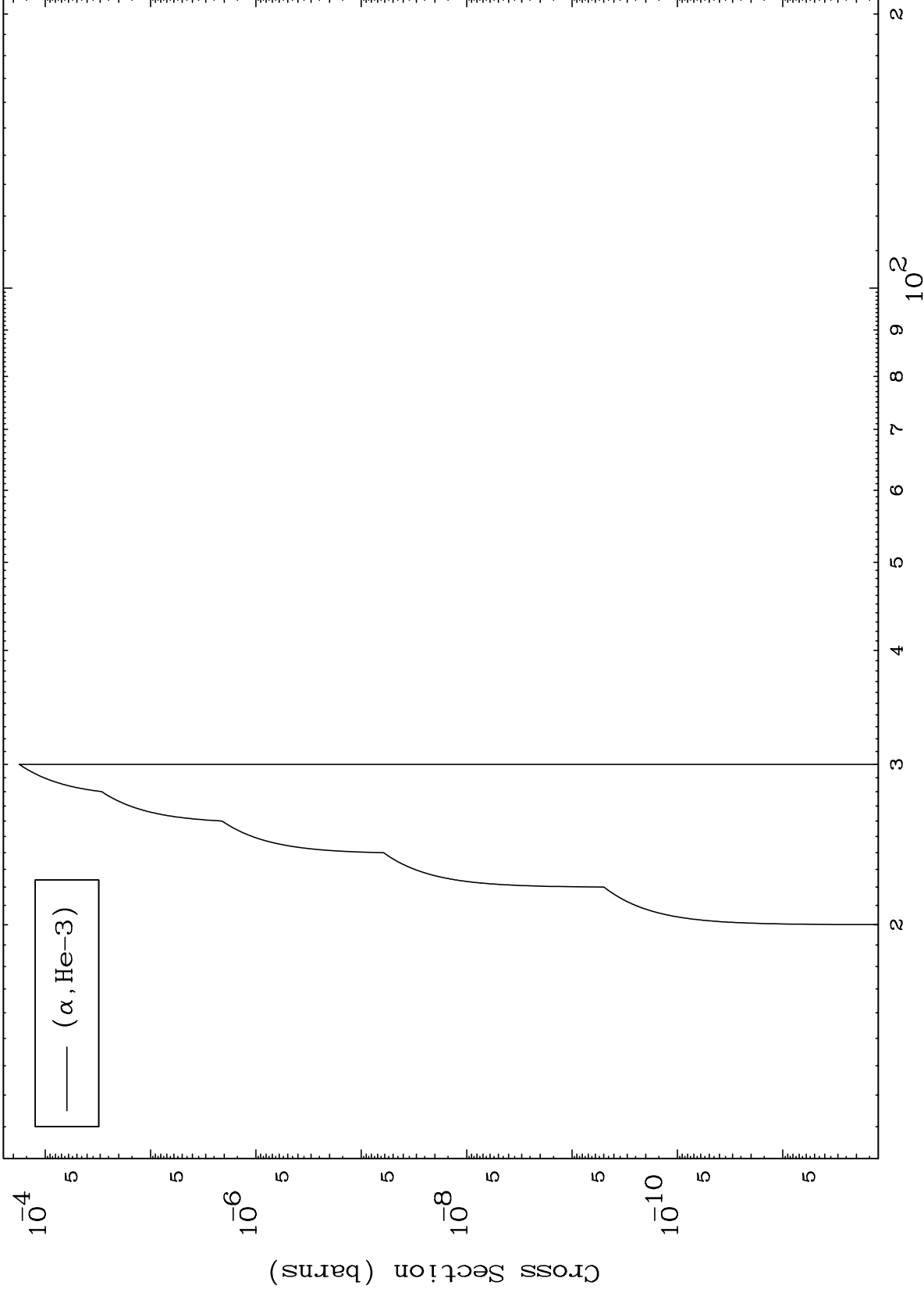
7

MAT 5517

(α, t) Levels
0 Kelvin Cross Sections

55-Cs-130



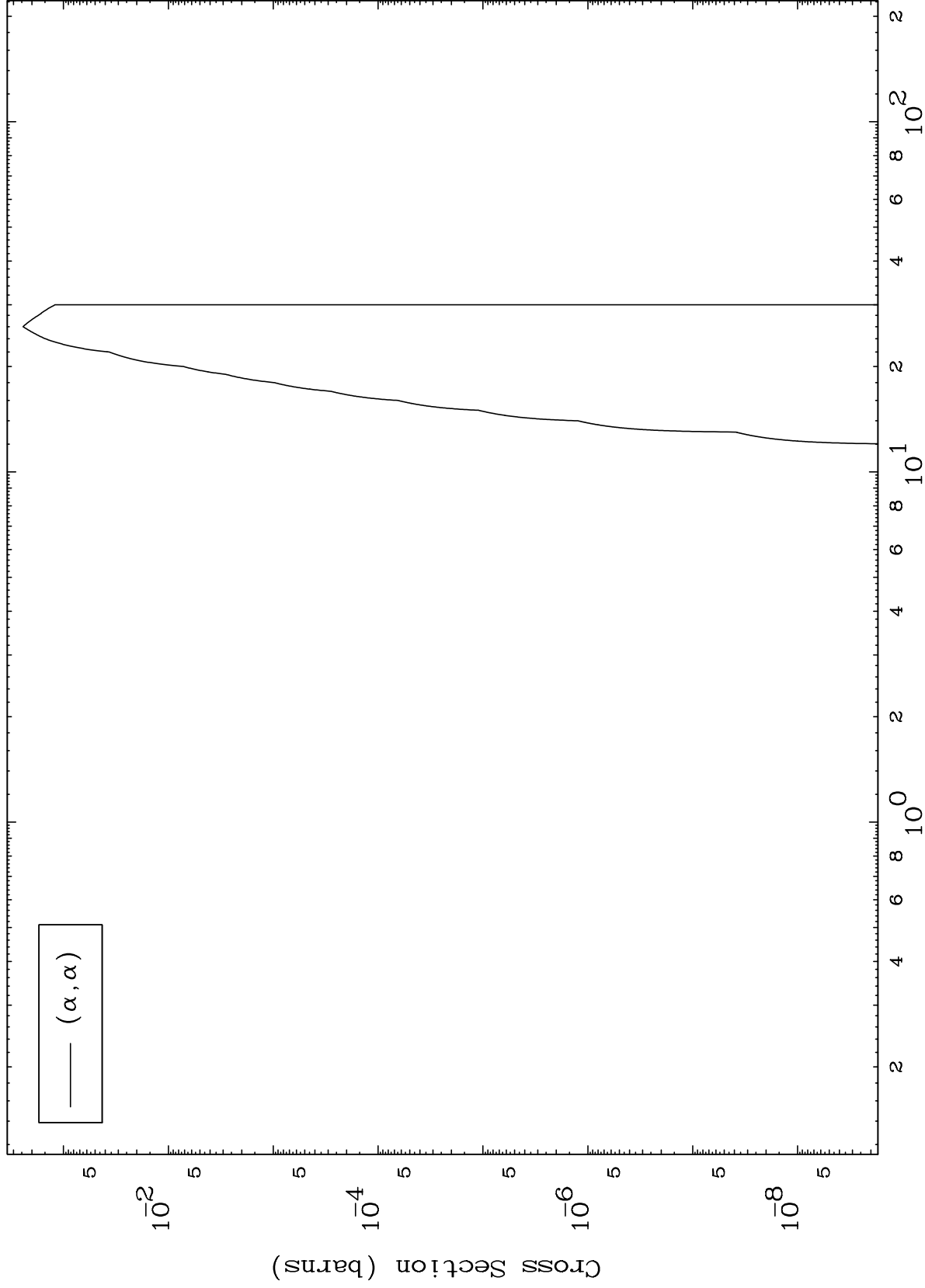


MAT 5517

(α, α) Levels

55-Cs-130

0 Kelvin Cross Sections



10

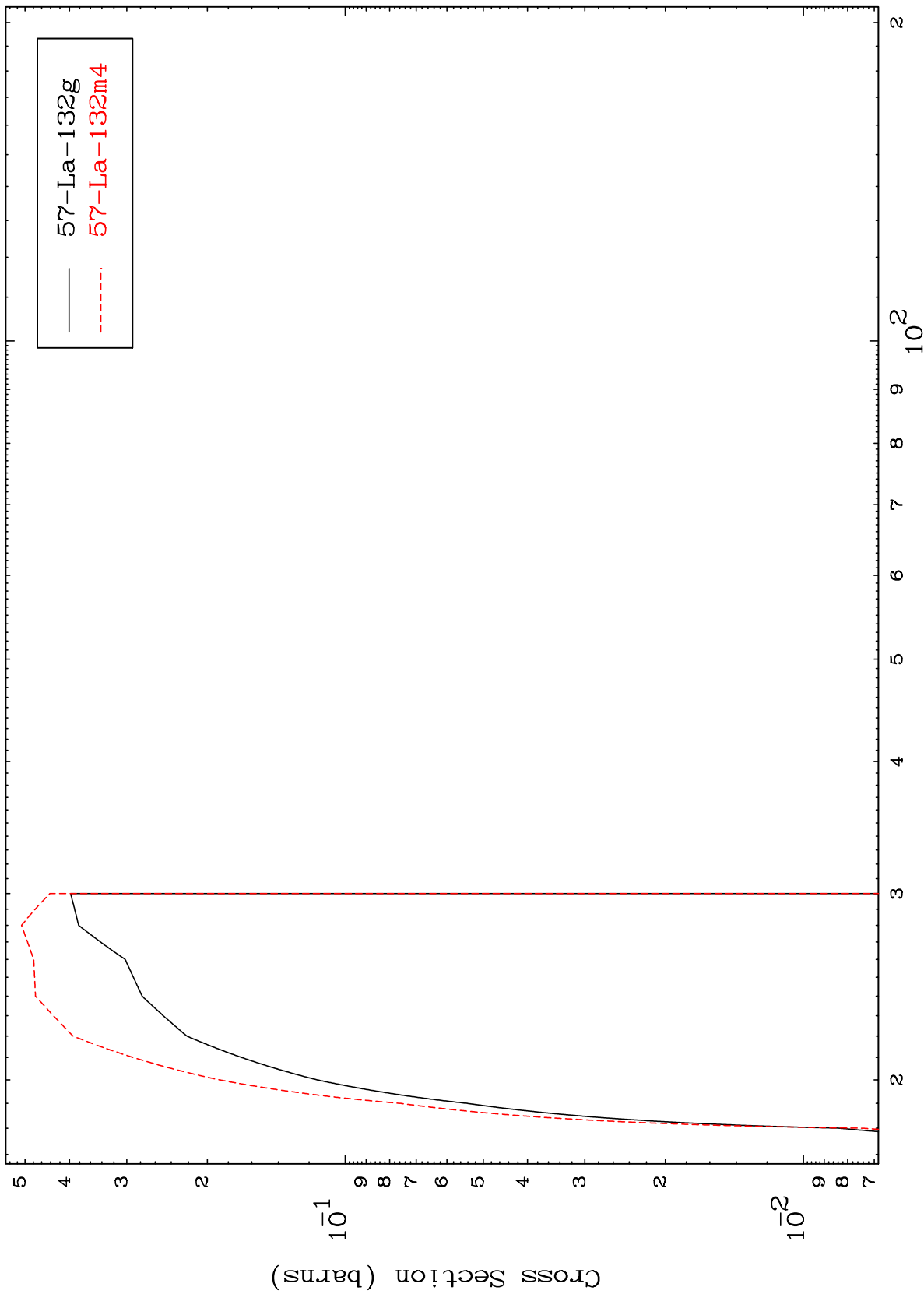
Incident Energy (MeV)

55-Cs-130

MAT 5517

55-Cs-130

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



11

55-Cs-130

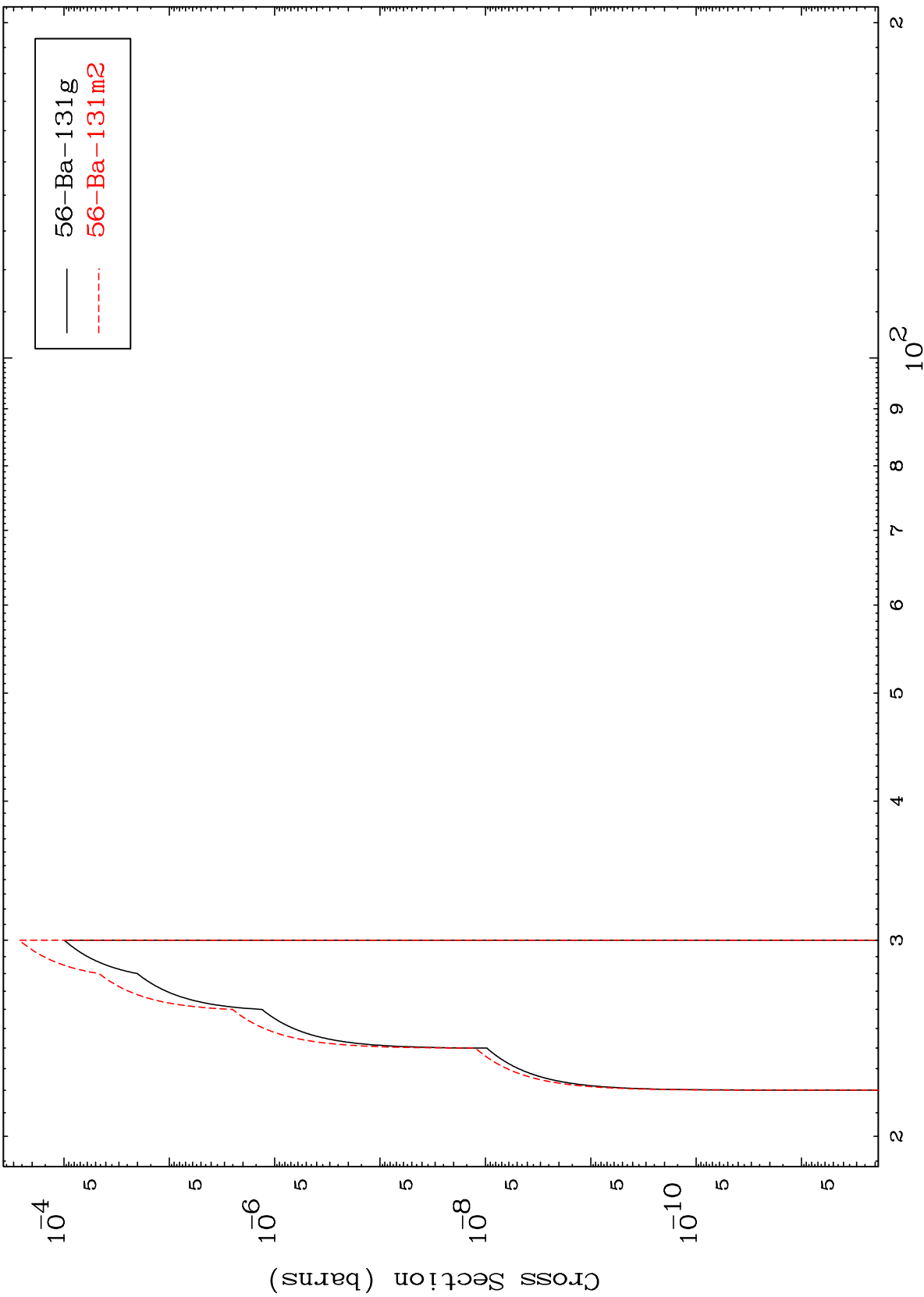
Incident Energy (MeV)

MAT 5517

(α, n') d

55-Cs-130

Radionuclide Production Cross Section



12

Incident Energy (MeV)

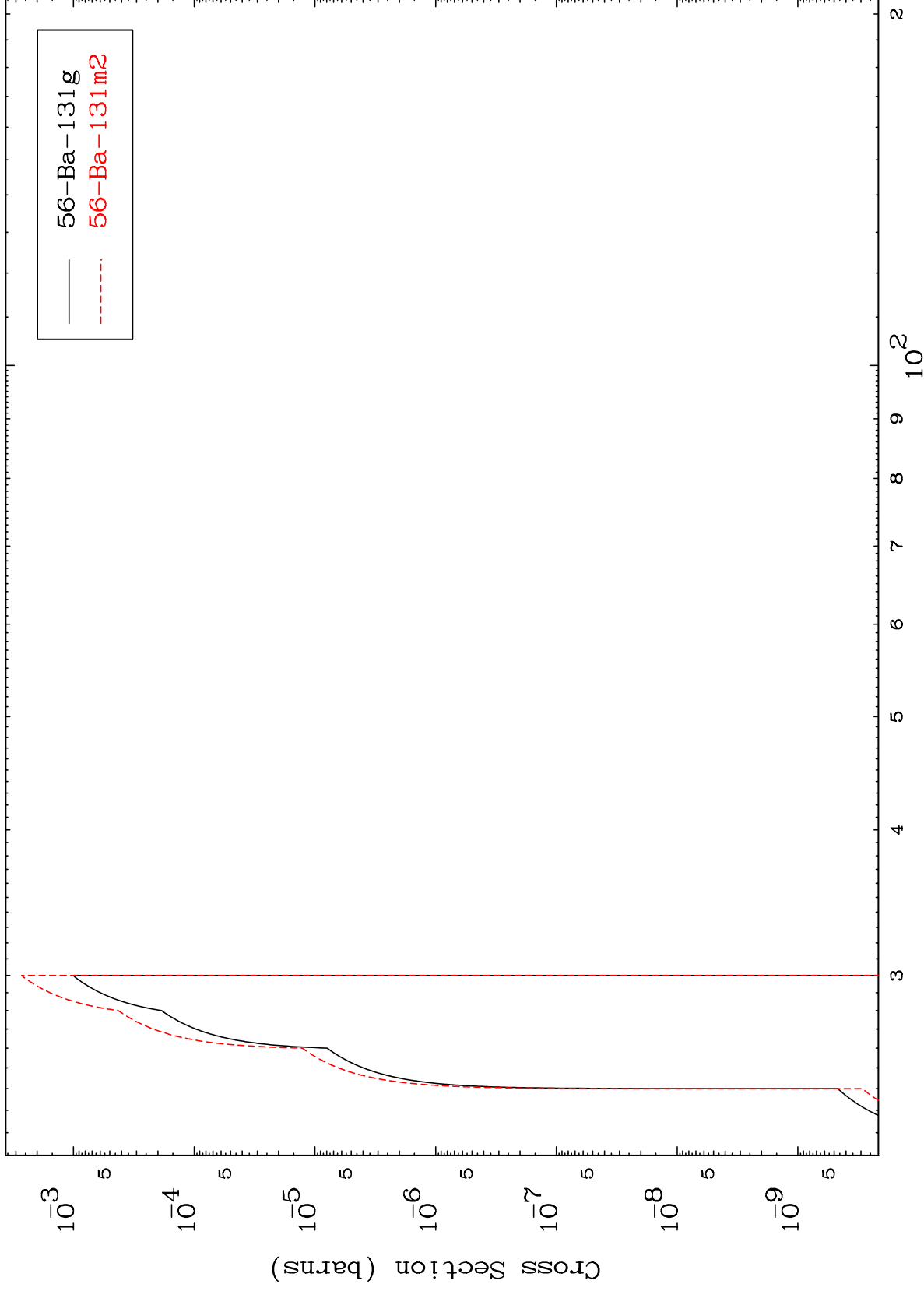
55-Cs-130

MAT 5517

($\alpha, 2n$) p

55-Cs-130

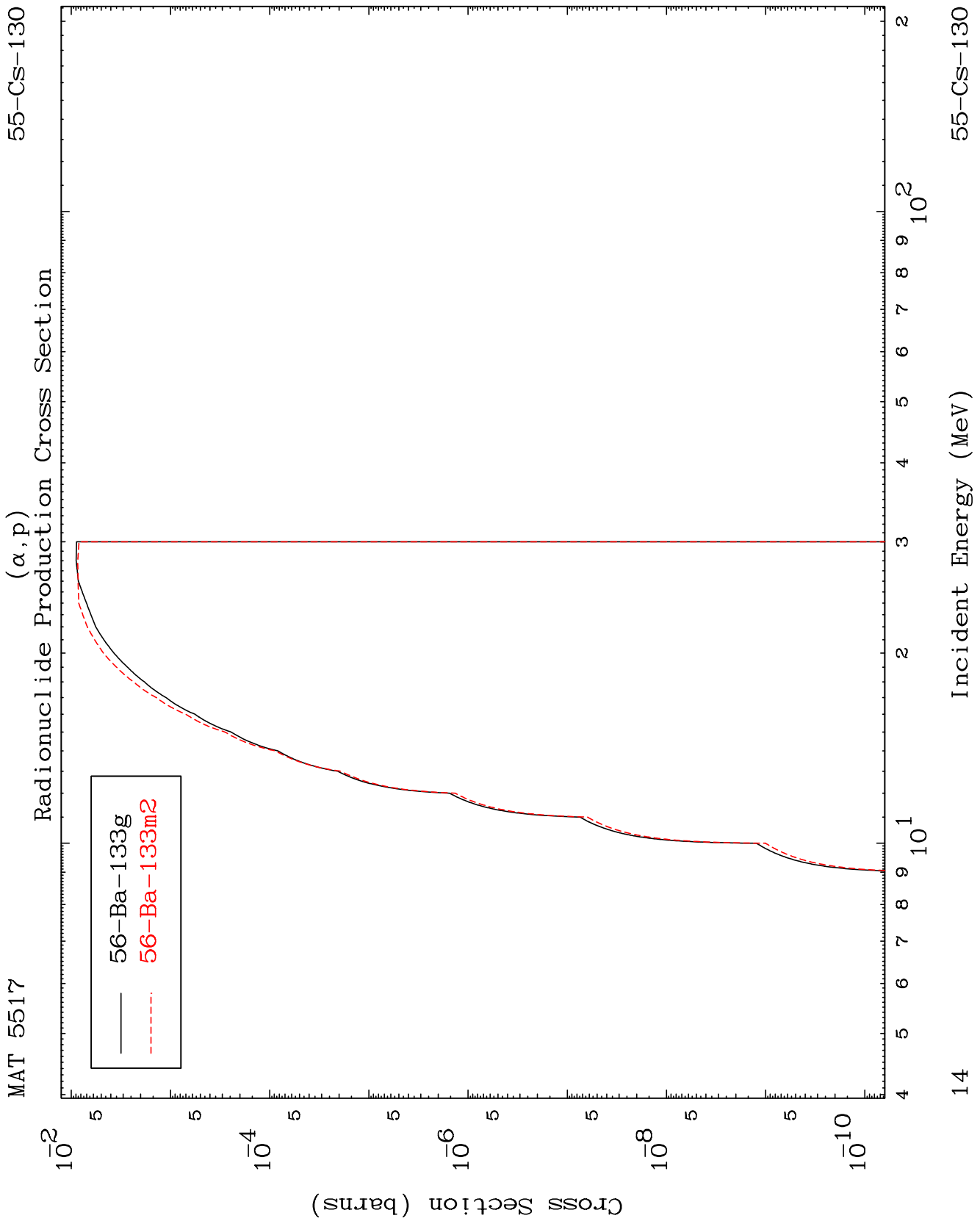
Radionuclide Production Cross Section



13

Incident Energy (MeV)

55-Cs-130

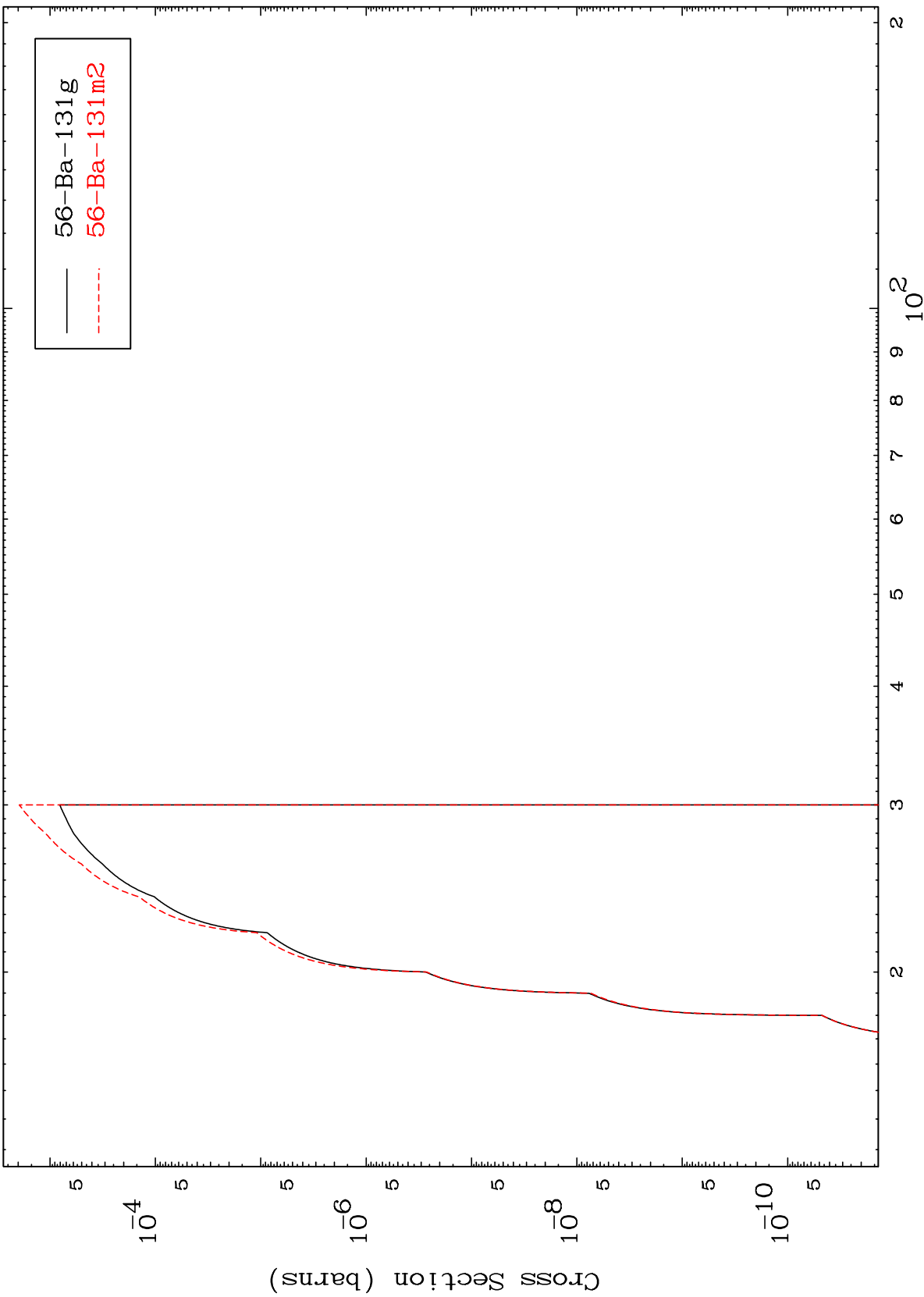


MAT 5517

(α, t)

55-Cs-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

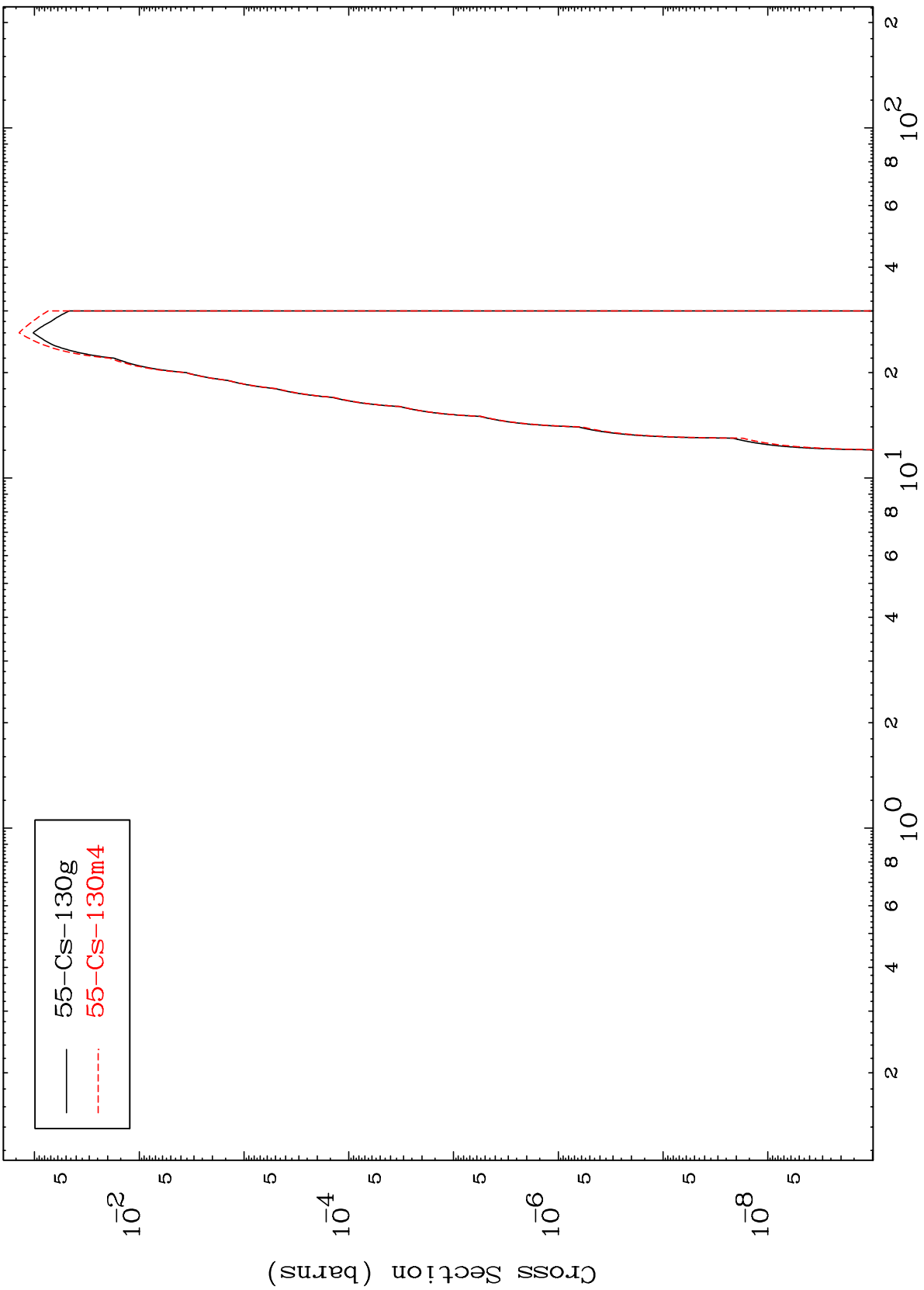
55-Cs-130

MAT 5517

55-Cs-130

(α, α)

Radionuclide Production Cross Section

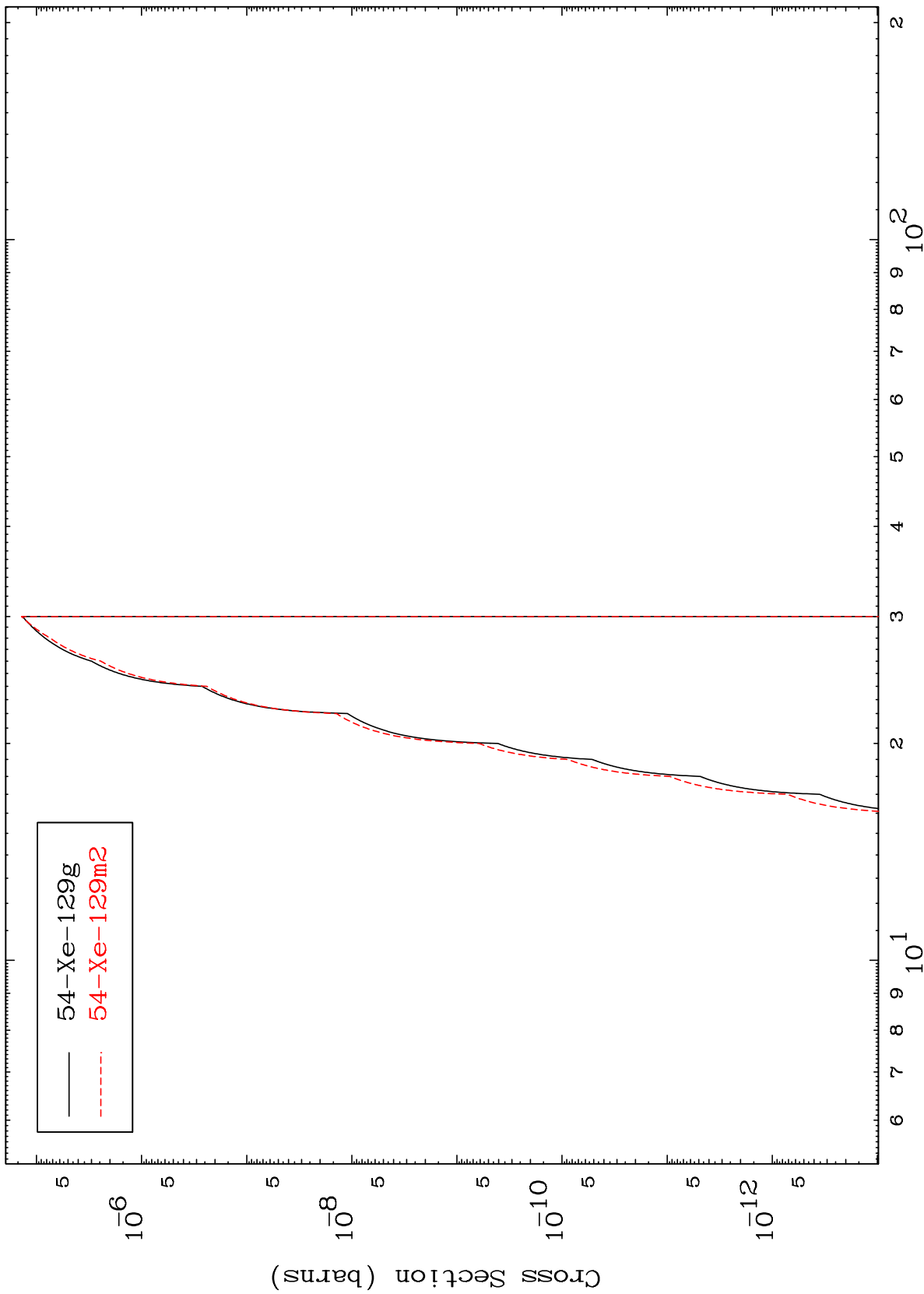


MAT 5517

(α, p) α

55-Cs-130

Radionuclide Production Cross Section



17

Incident Energy (MeV)

55-Cs-130