

Program EVALPLOT
(Version 2021-1)

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

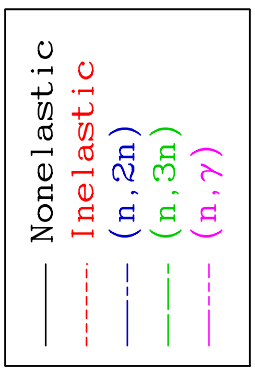
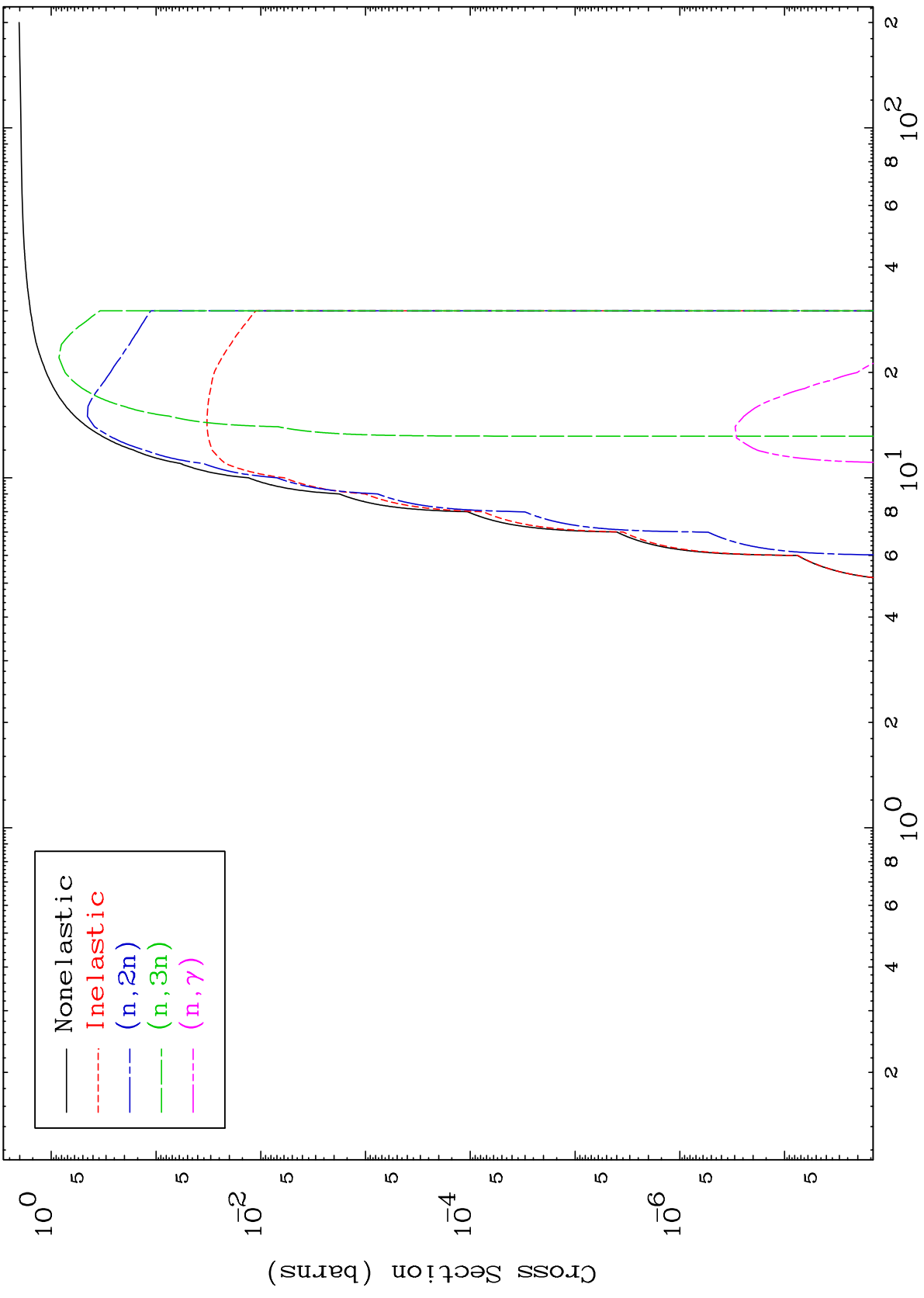
Press Mouse Button to Start

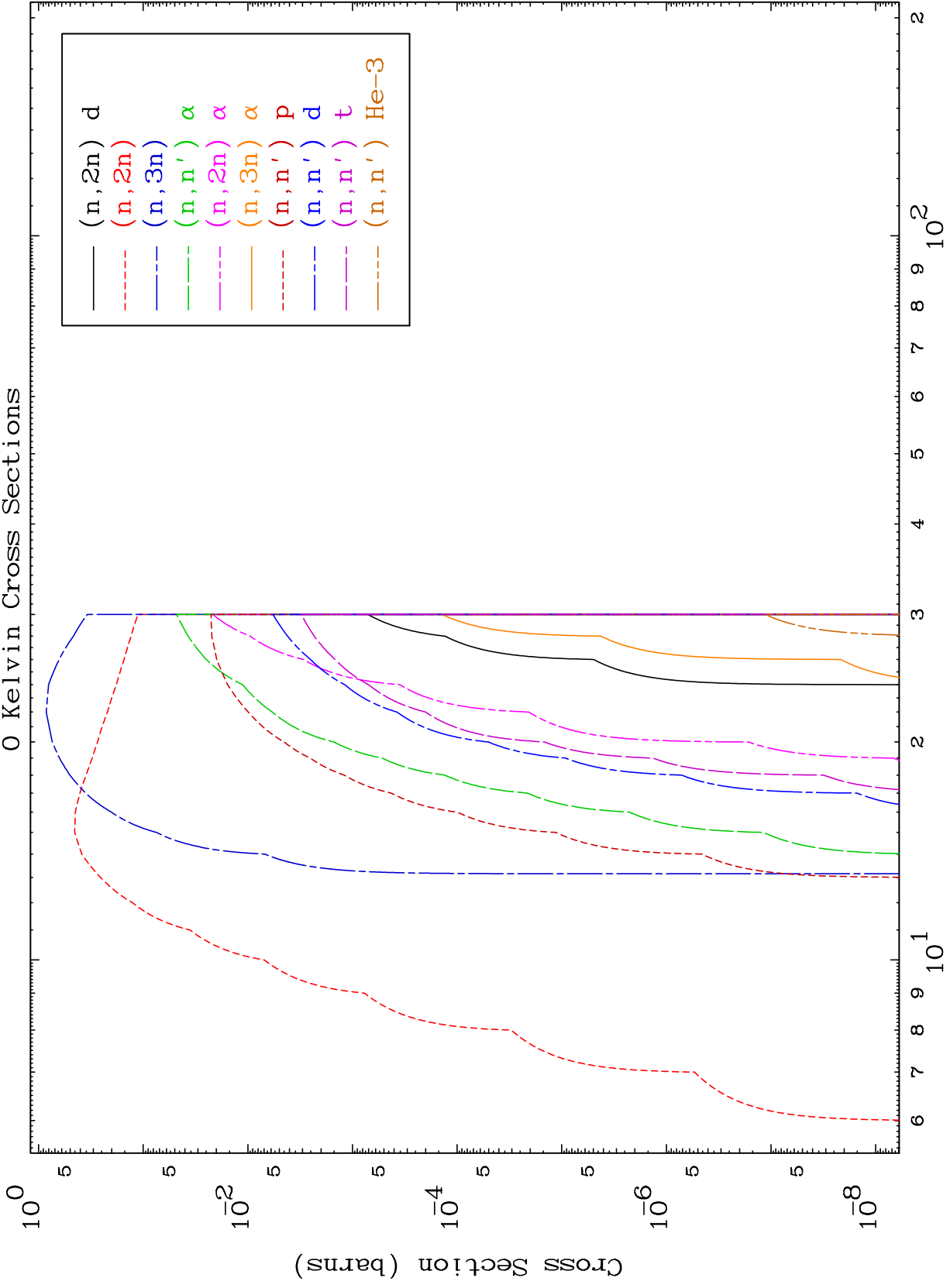
MAT 3955

α Major

39-Y -99

0 Kelvin Cross Sections

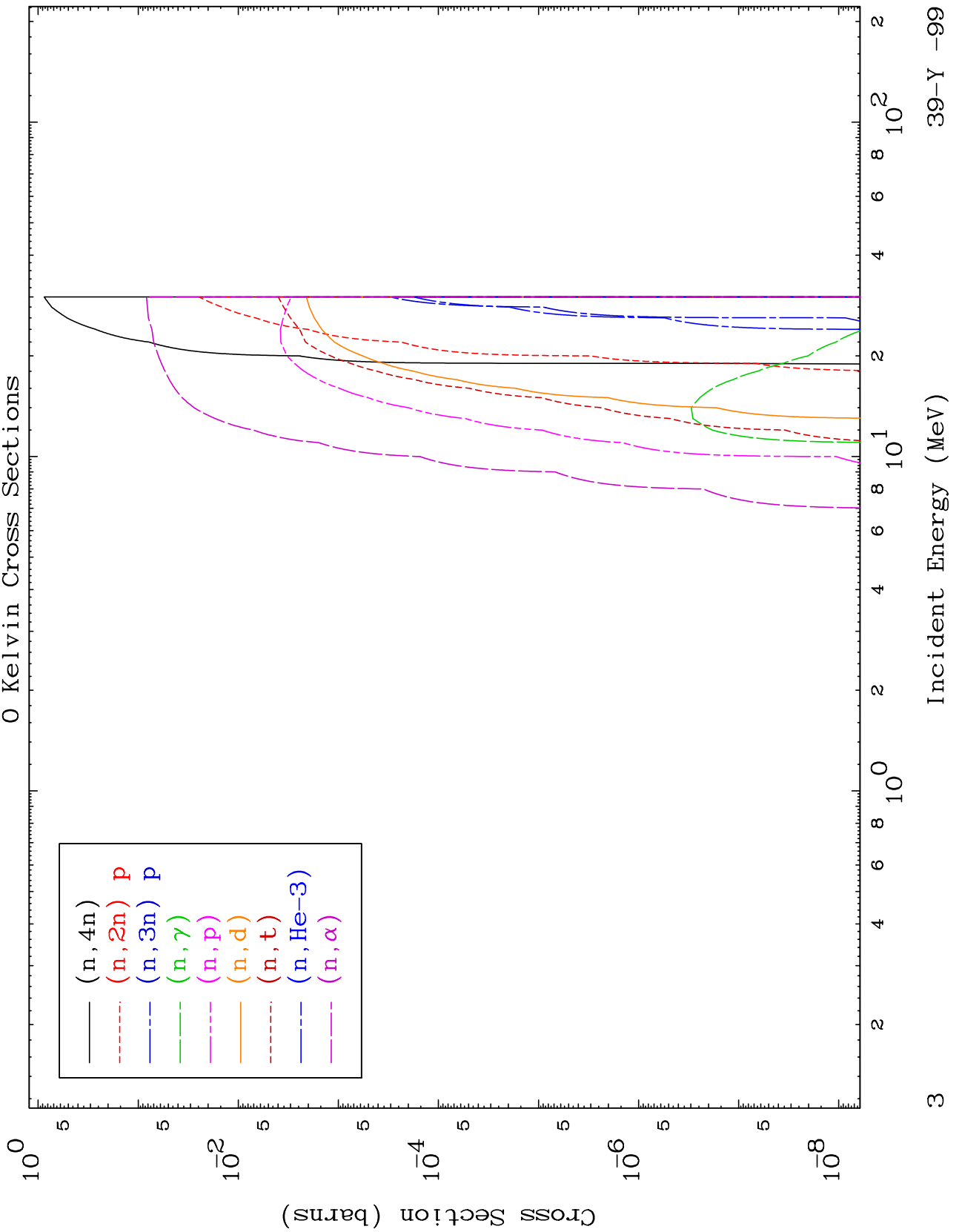


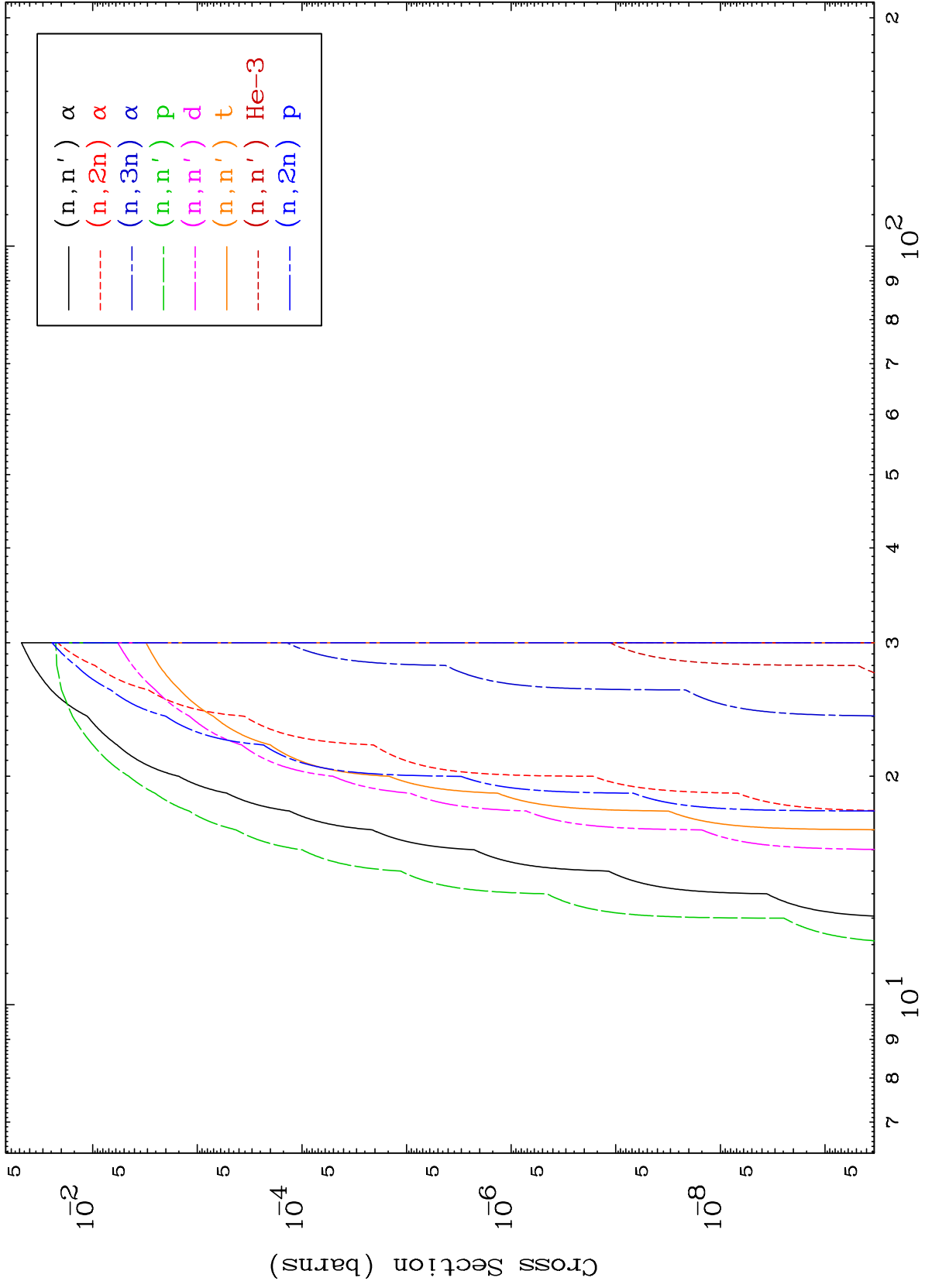


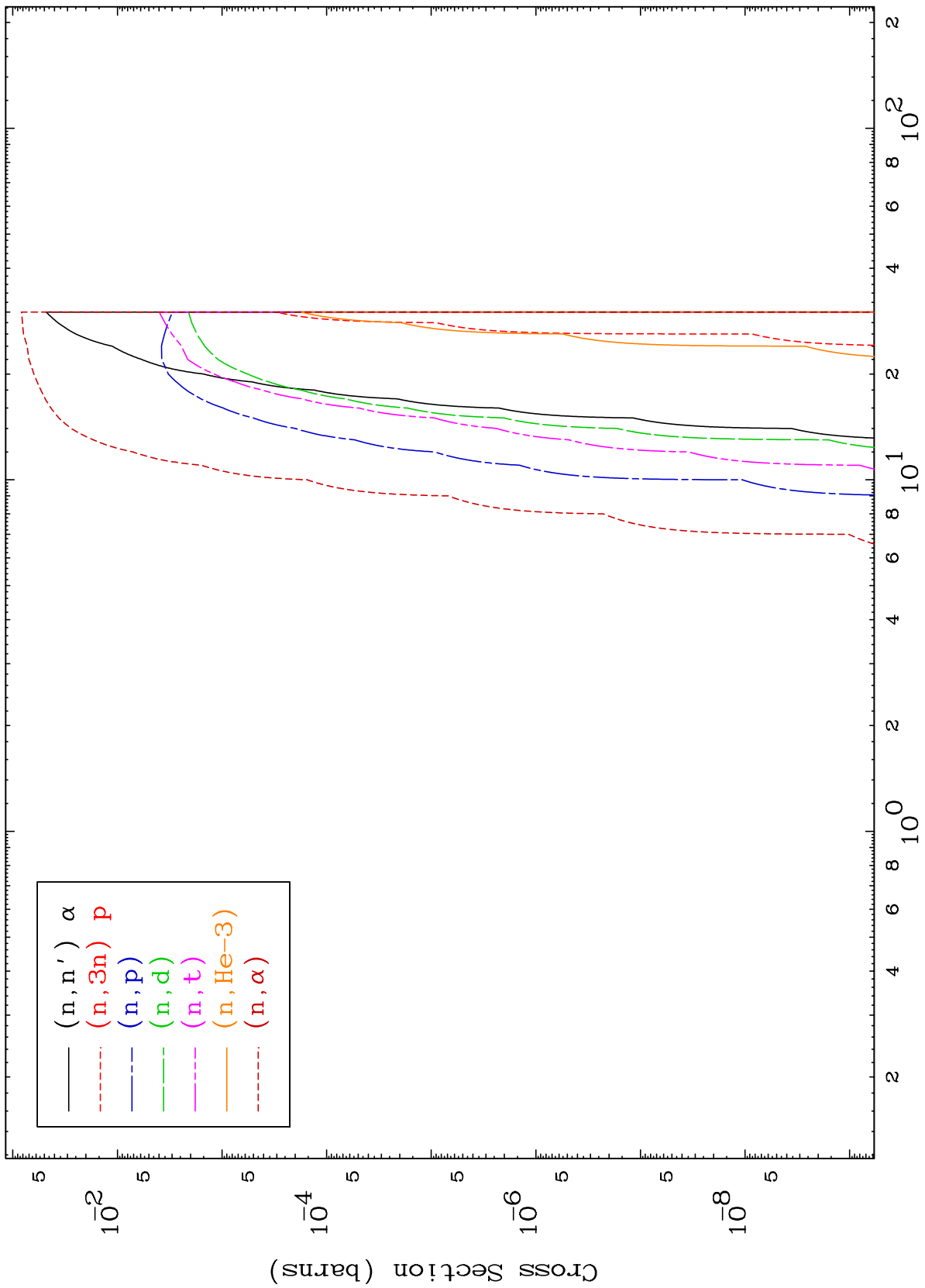
MAT 3955

α Neutron Absorption
0 Kelvin Cross Sections

39-Y -99





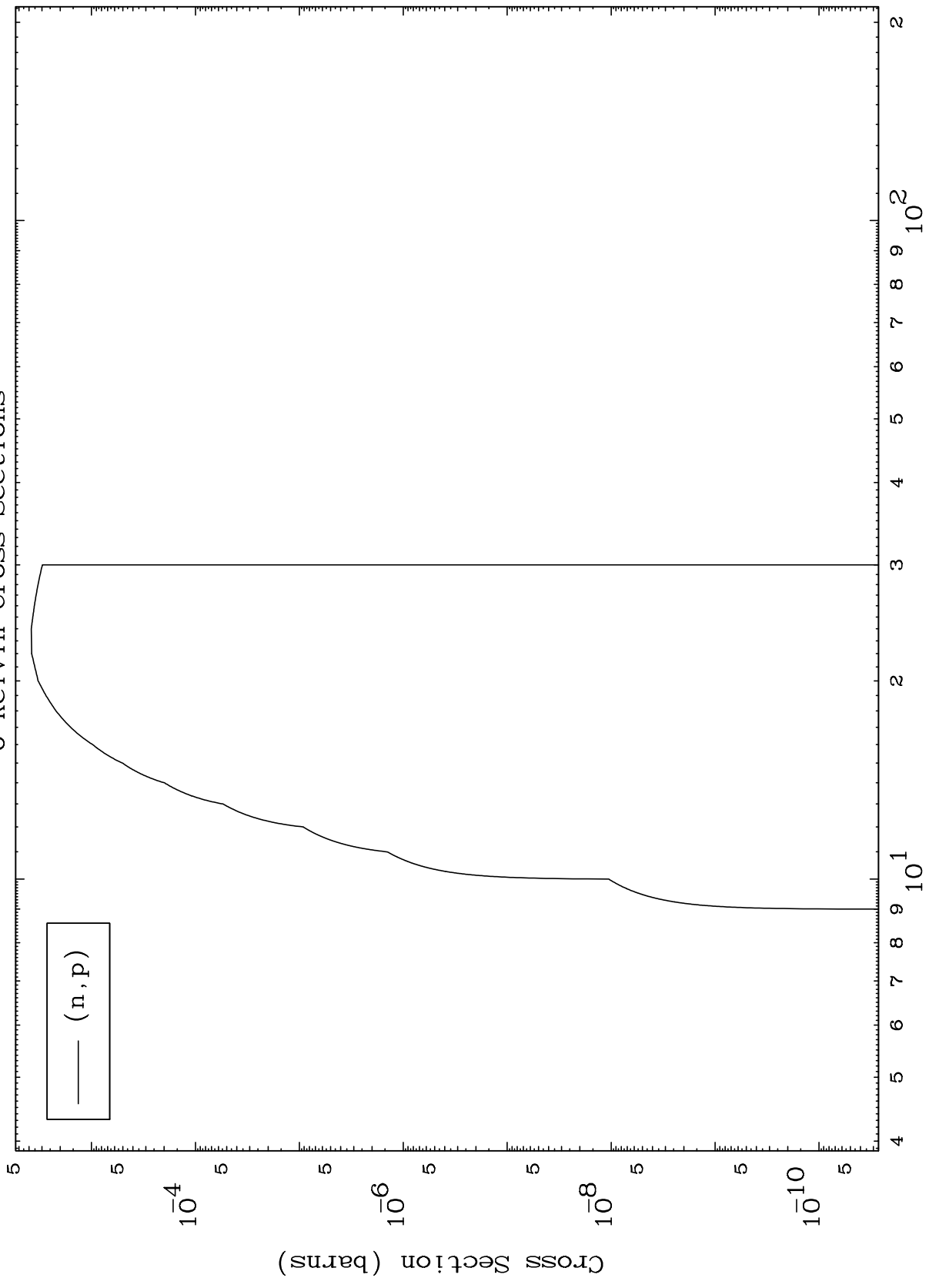


MAT 3955

(α, p) Levels

39-Y -99

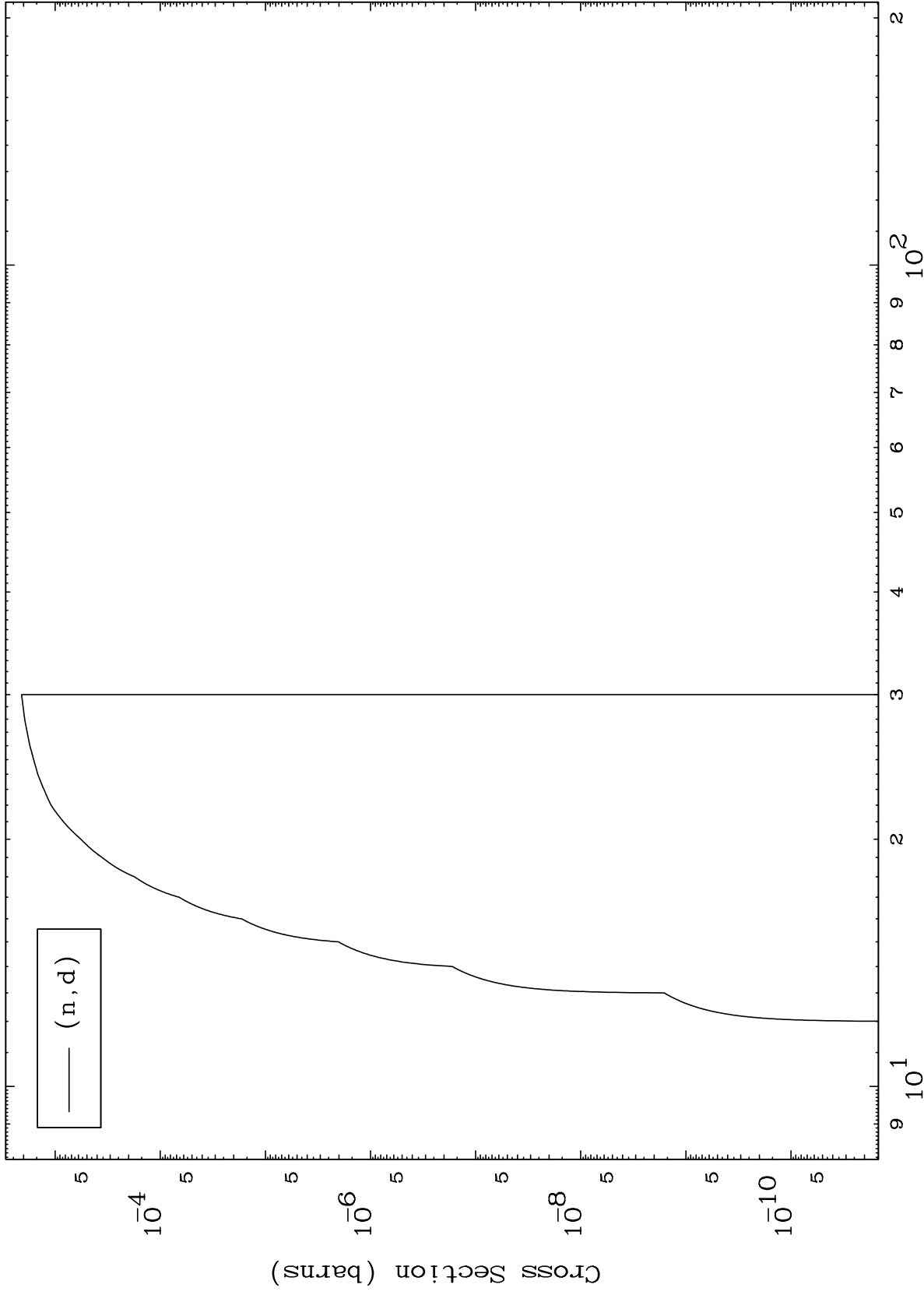
0 Kelvin Cross Sections

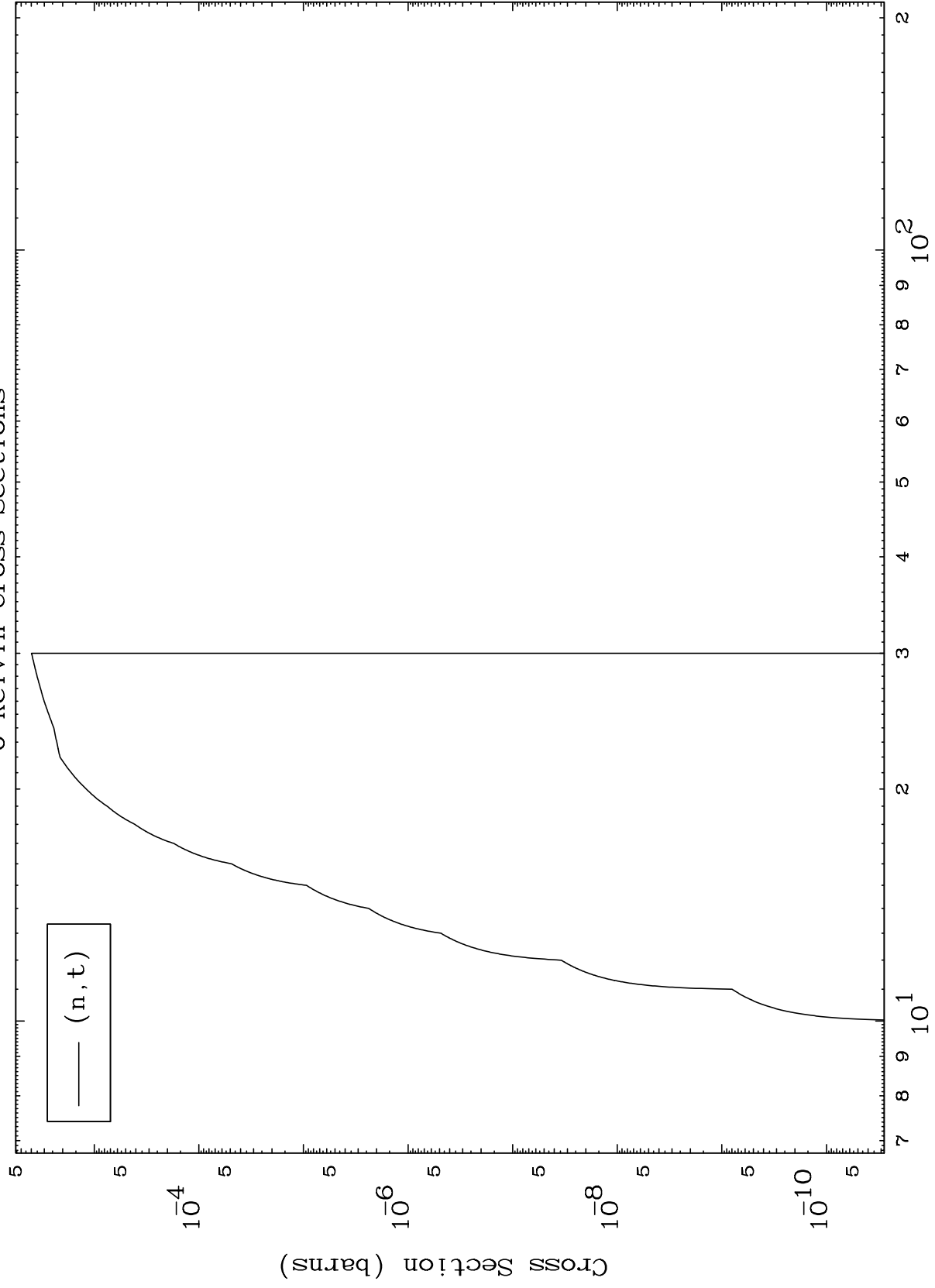


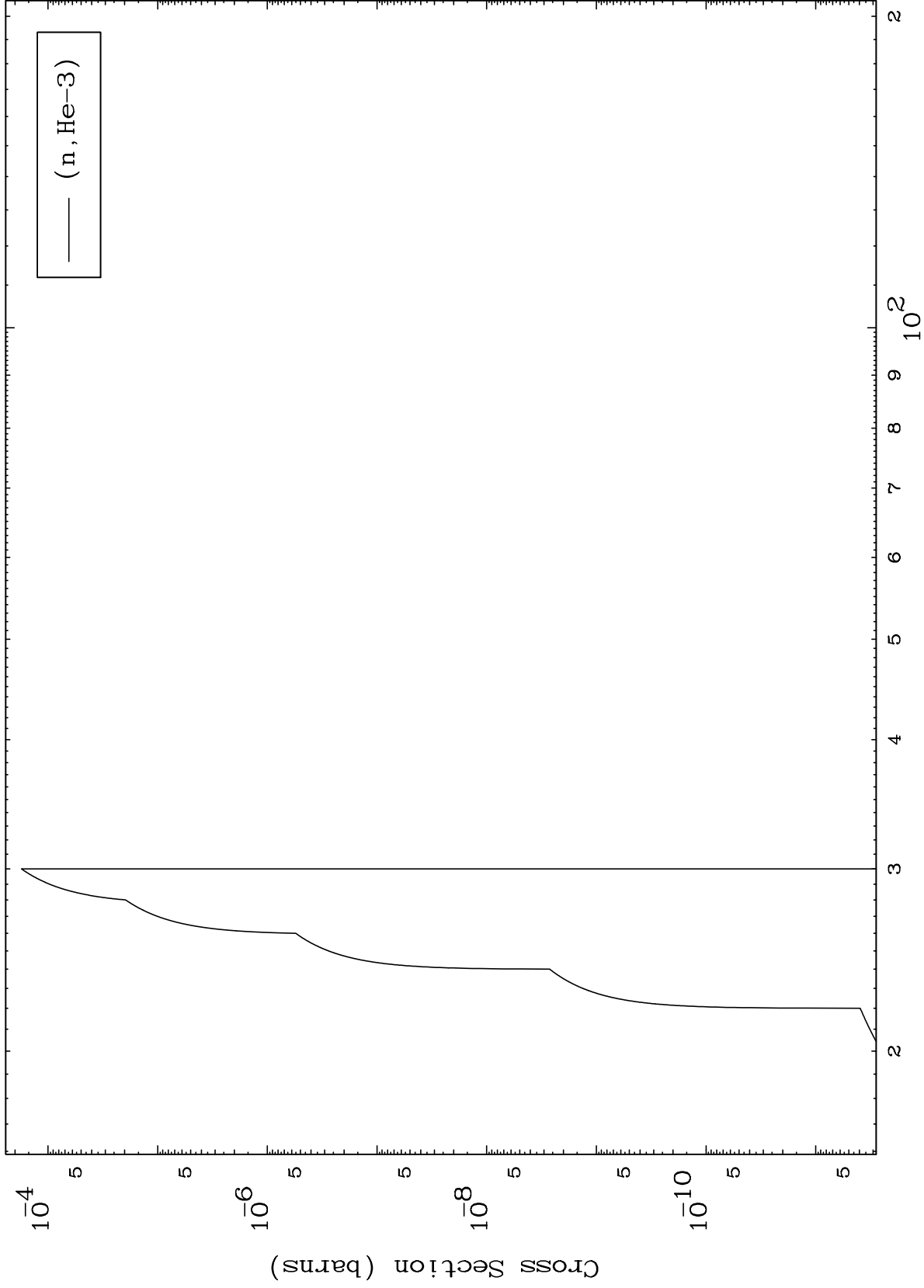
6

Incident Energy (MeV)

39-Y -99





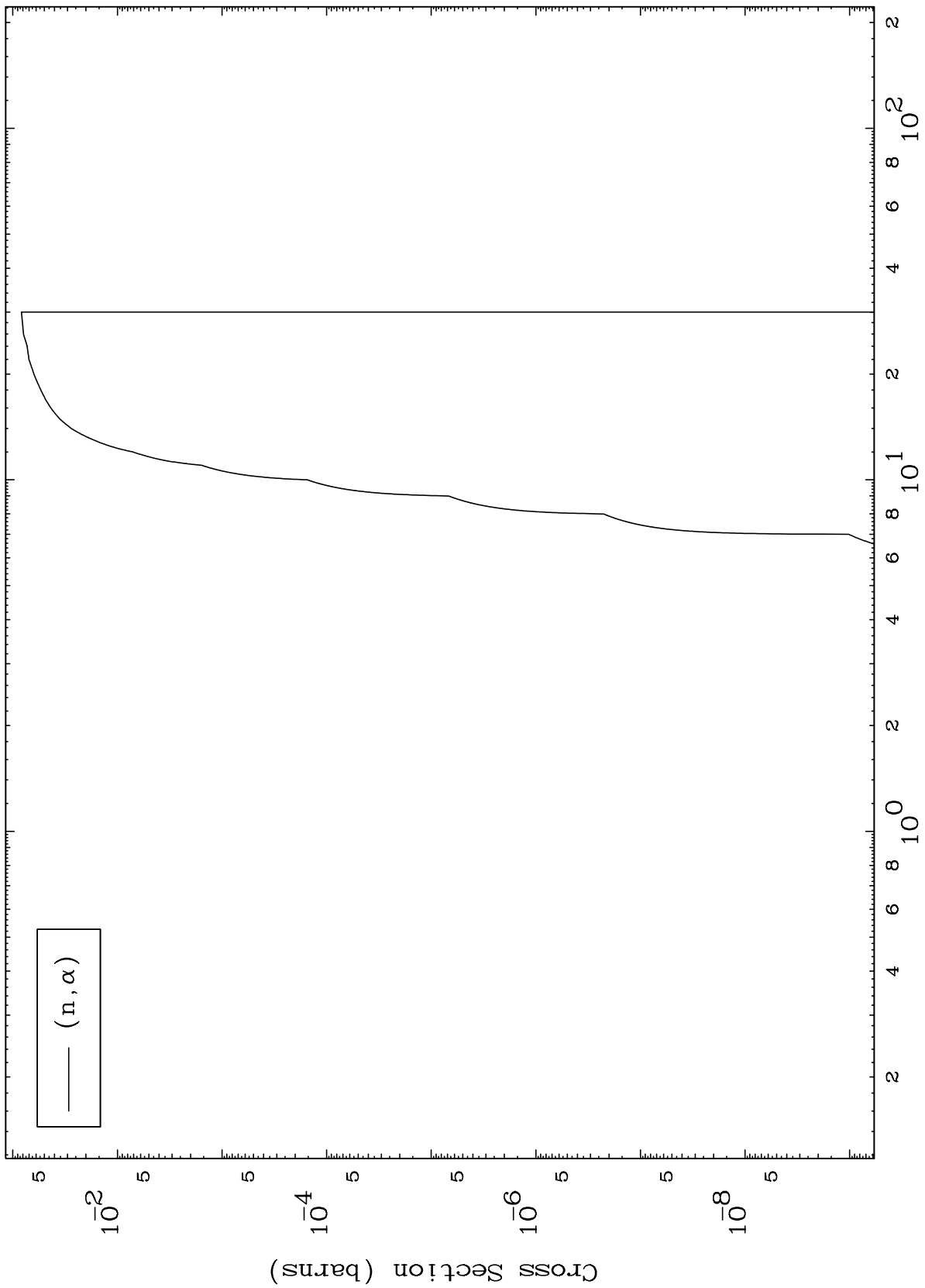


MAT 3955

(α, α) Levels

39-Y -99

0 Kelvin Cross Sections



10

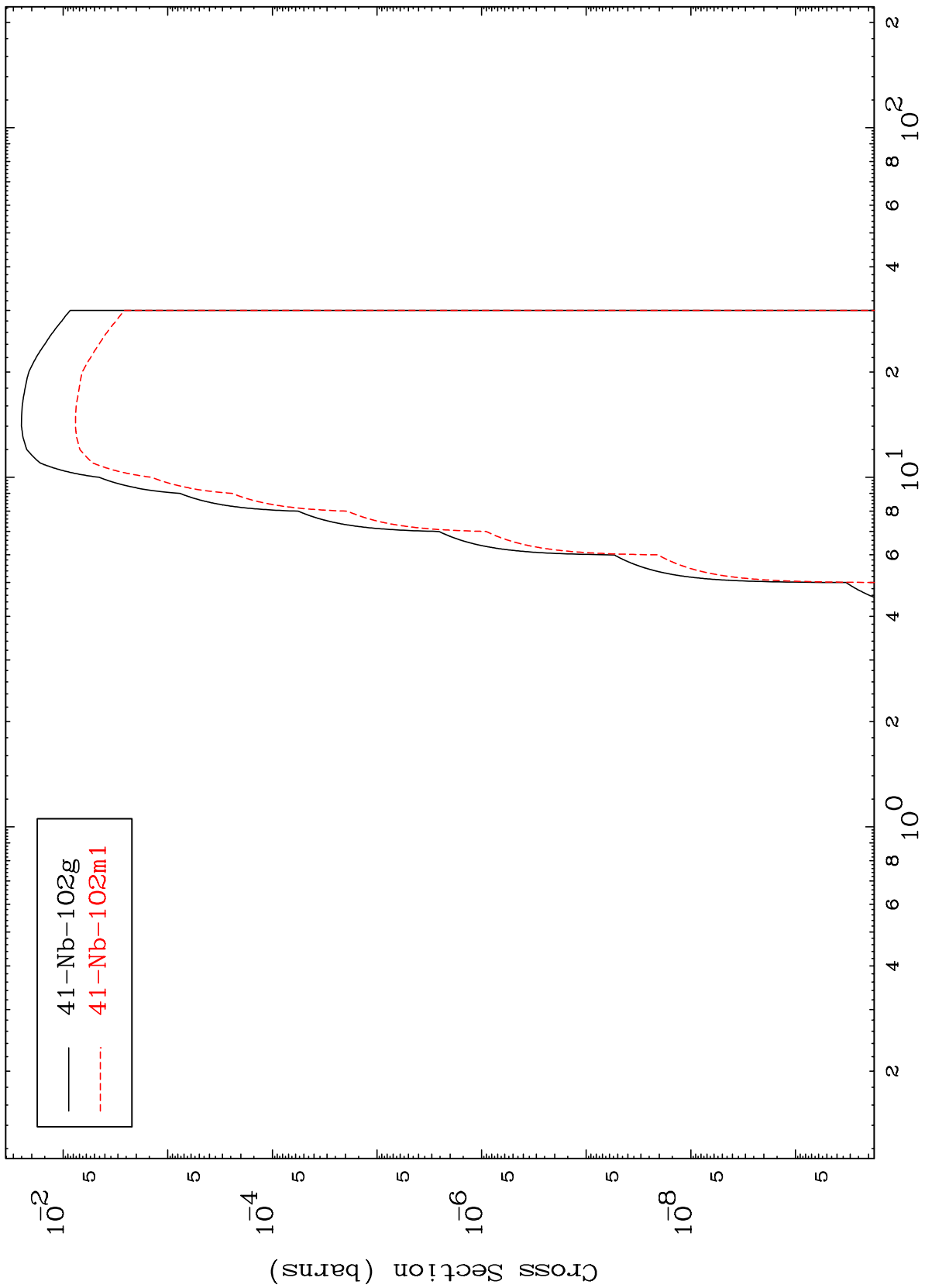
Incident Energy (MeV)

39-Y -99

MAT 3955

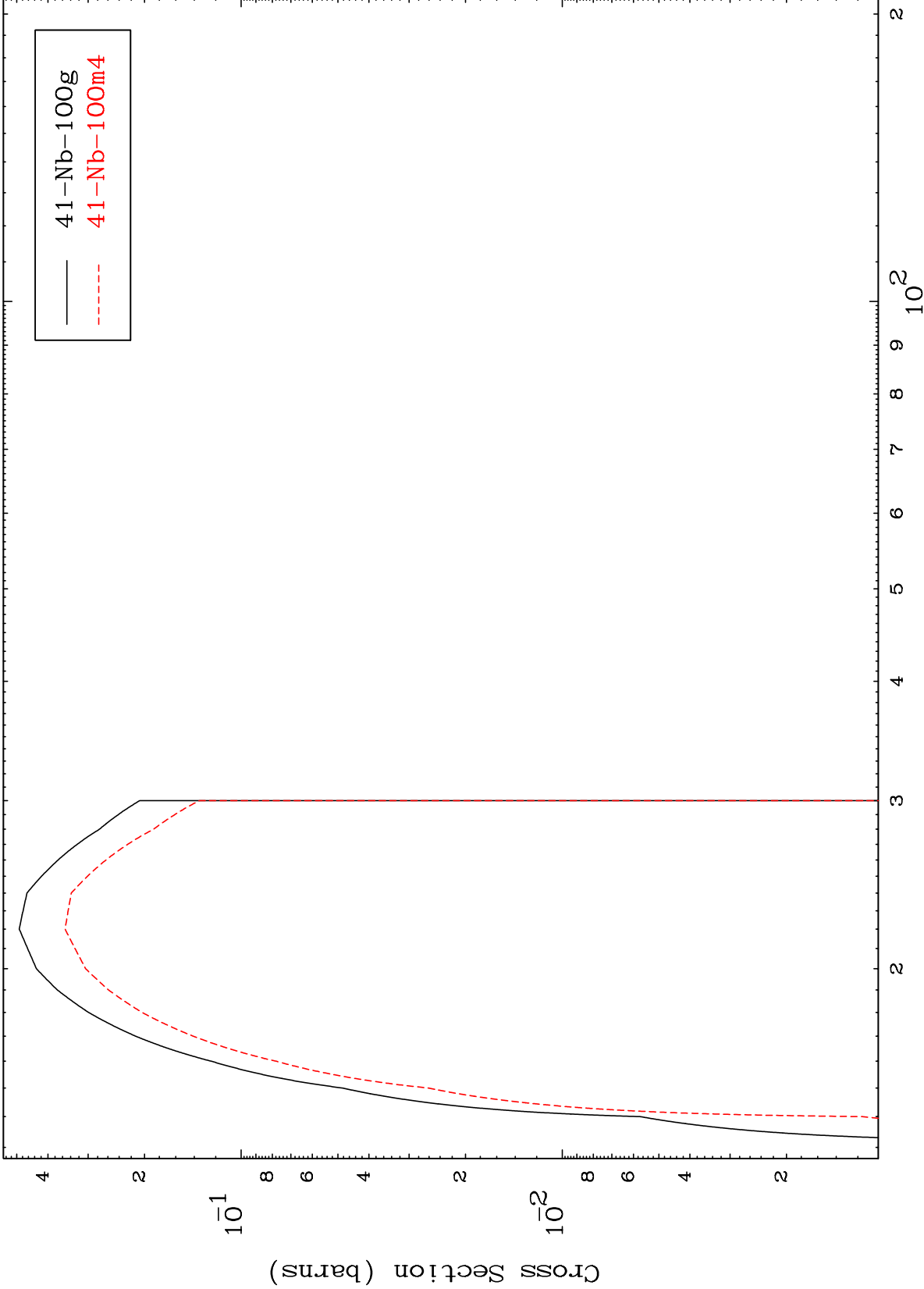
39-Y -99

Inelastic
Radionuclide Production Cross Section



— 41-Nb-102g
- - - 41-Nb-102m1

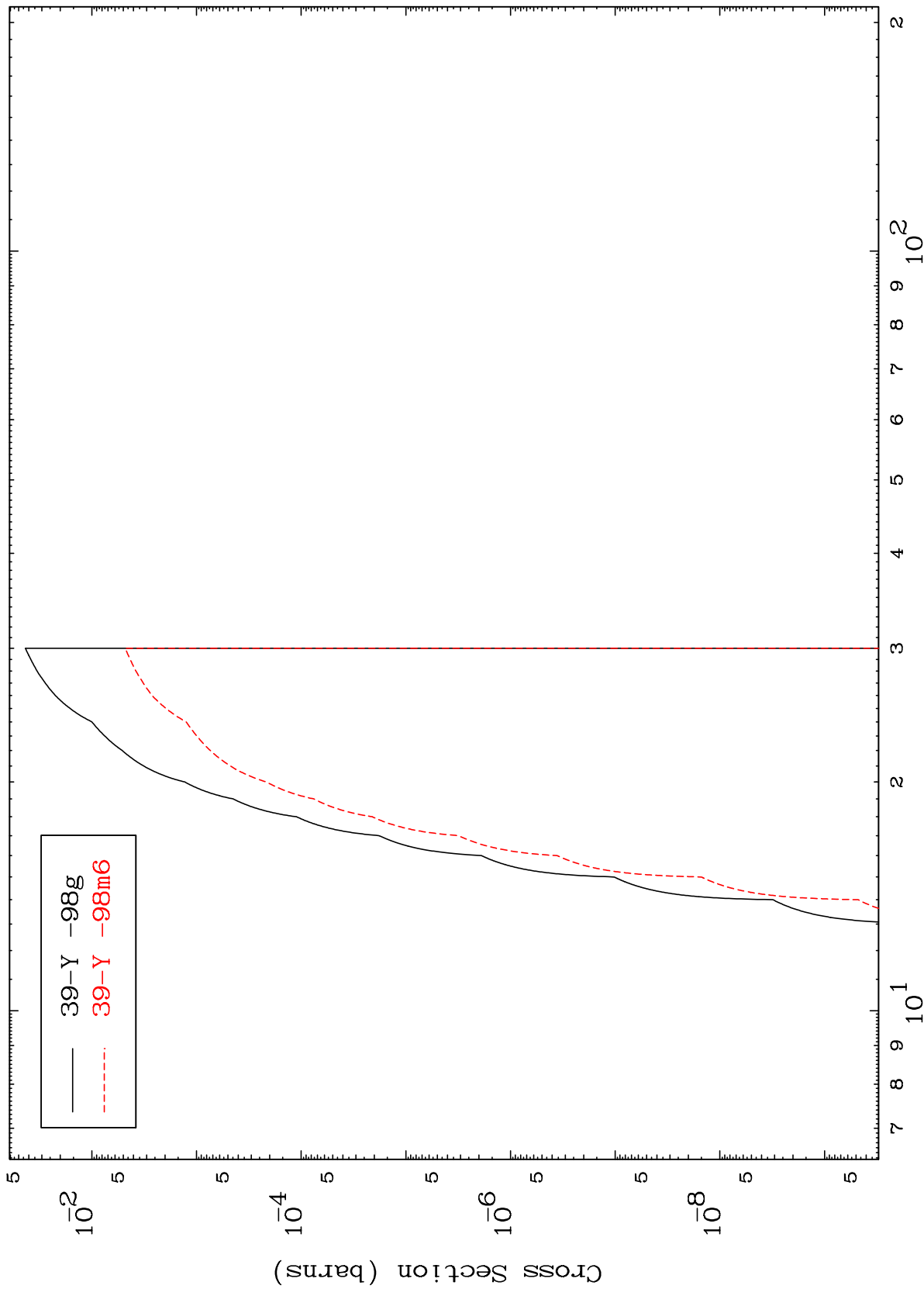
Radionuclide Production Cross Section



MAT 3955

39-Y -99

(n,n') α
Radionuclide Production Cross Section



— 39-Y -98g
- - - 39-Y -98m6

39-Y -99

Incident Energy (MeV)

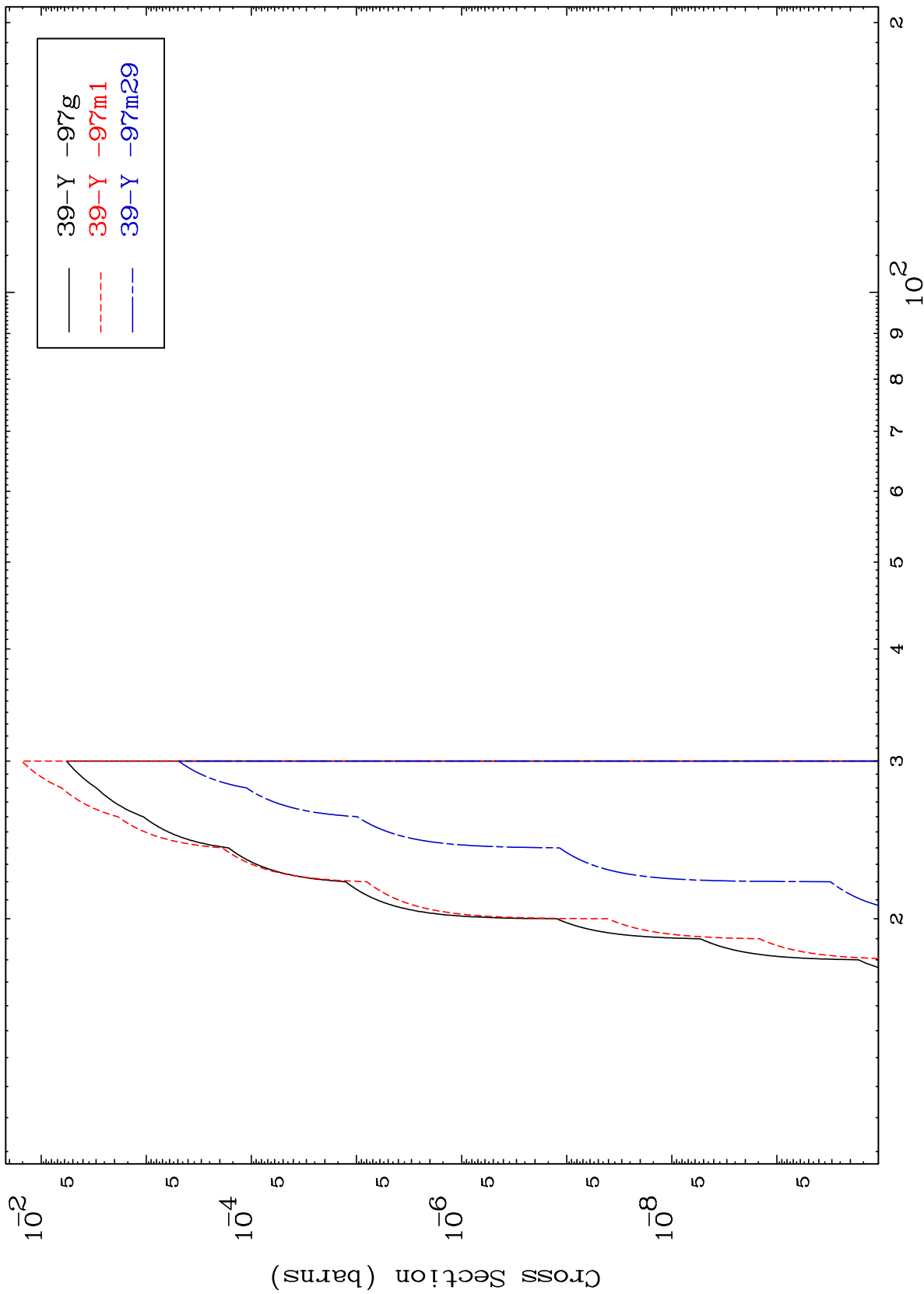
13

MAT 3955

$(n,2n) \alpha$

39-Y -99

Radionuclide Production Cross Section



14

Incident Energy (MeV)

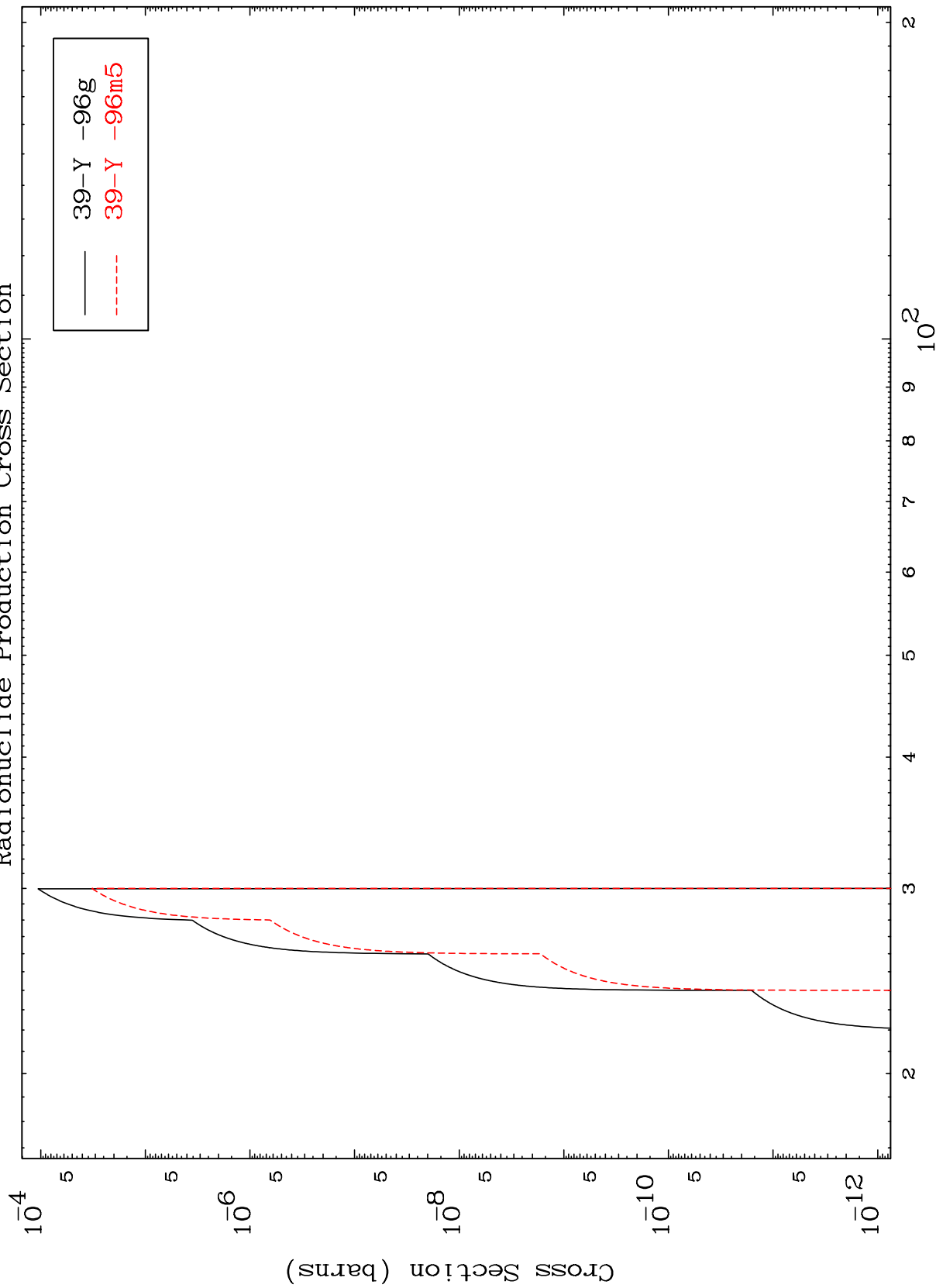
39-Y -99

MAT 3955

$(n,3n) \alpha$

39-Y -99

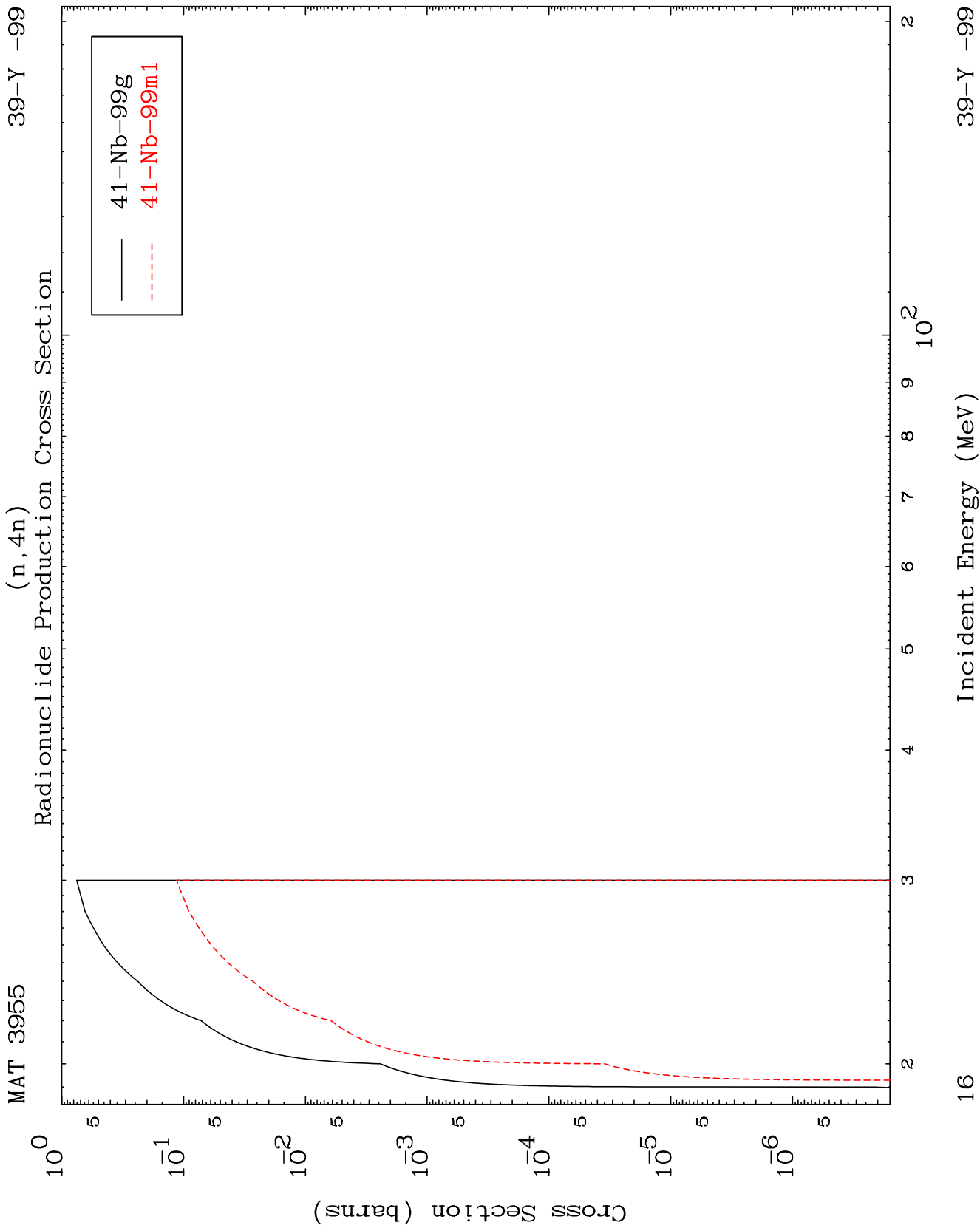
Radionuclide Production Cross Section



15

Incident Energy (MeV)

39-Y -99

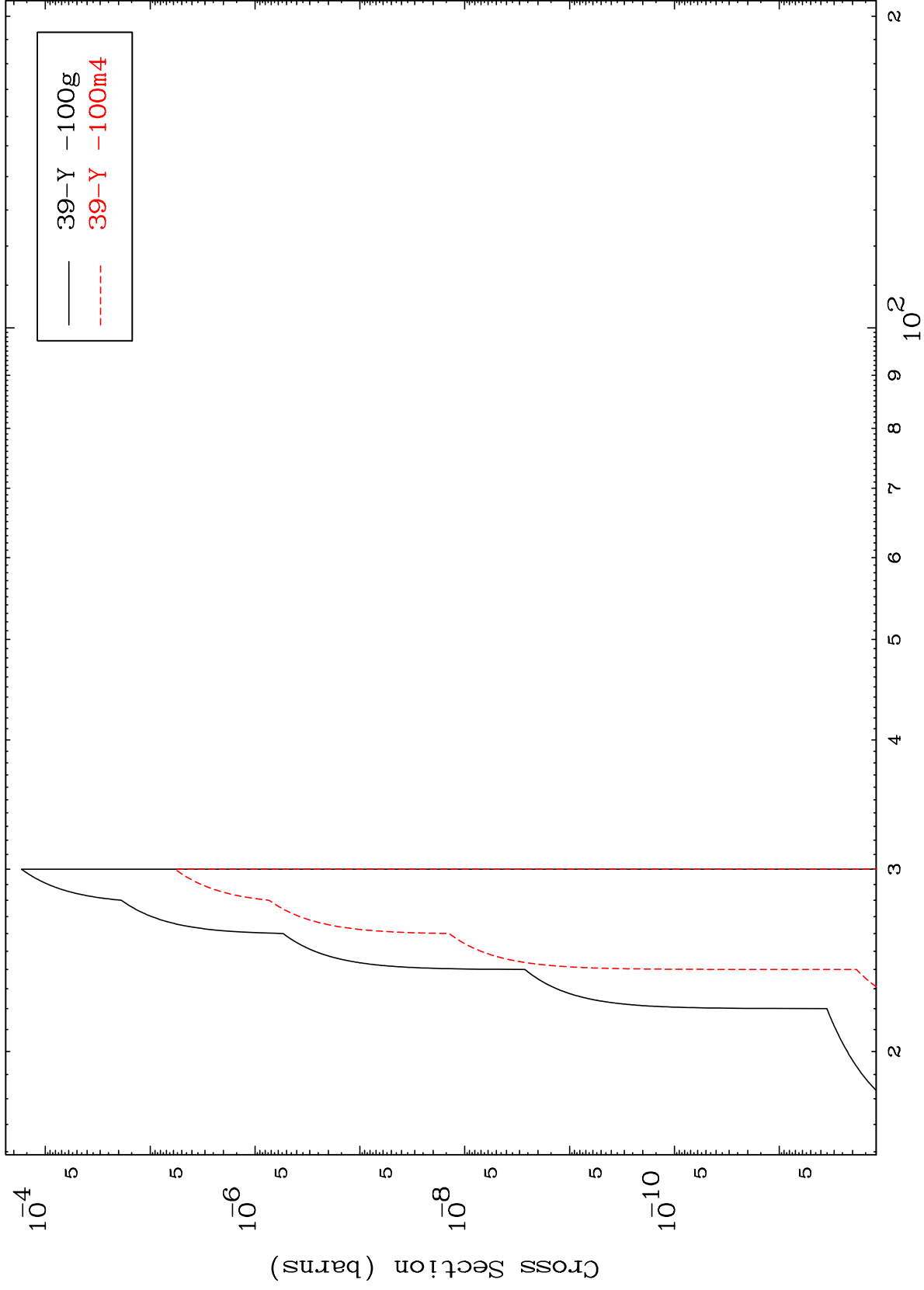


MAT 3955

(n,He-3)

39-Y -99

Radionuclide Production Cross Section



17

Incident Energy (MeV)

39-Y -99