

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

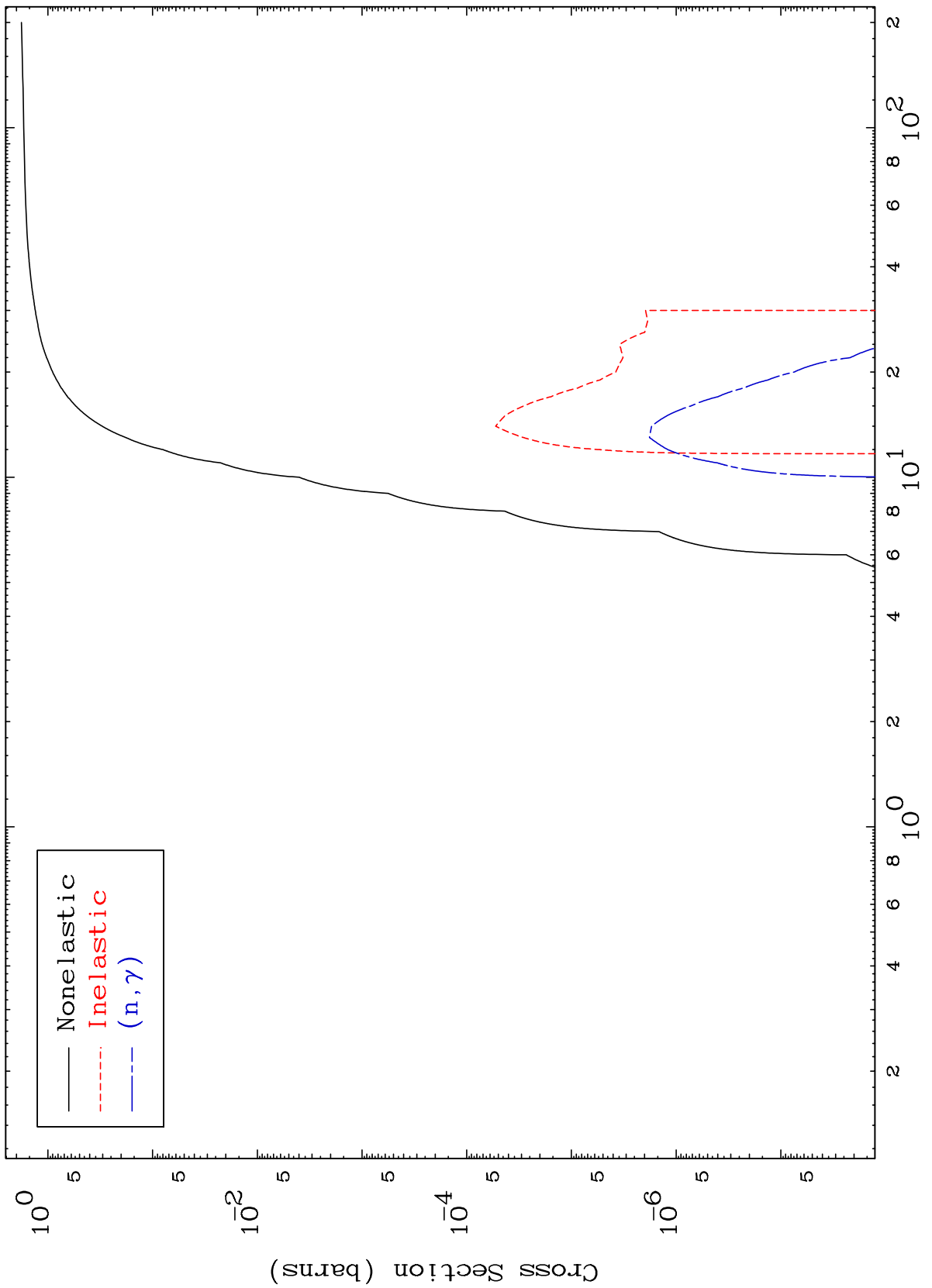
Press Mouse Button to Start

MAT 3893

α Major

39-Y -78m

0 Kelvin Cross Sections



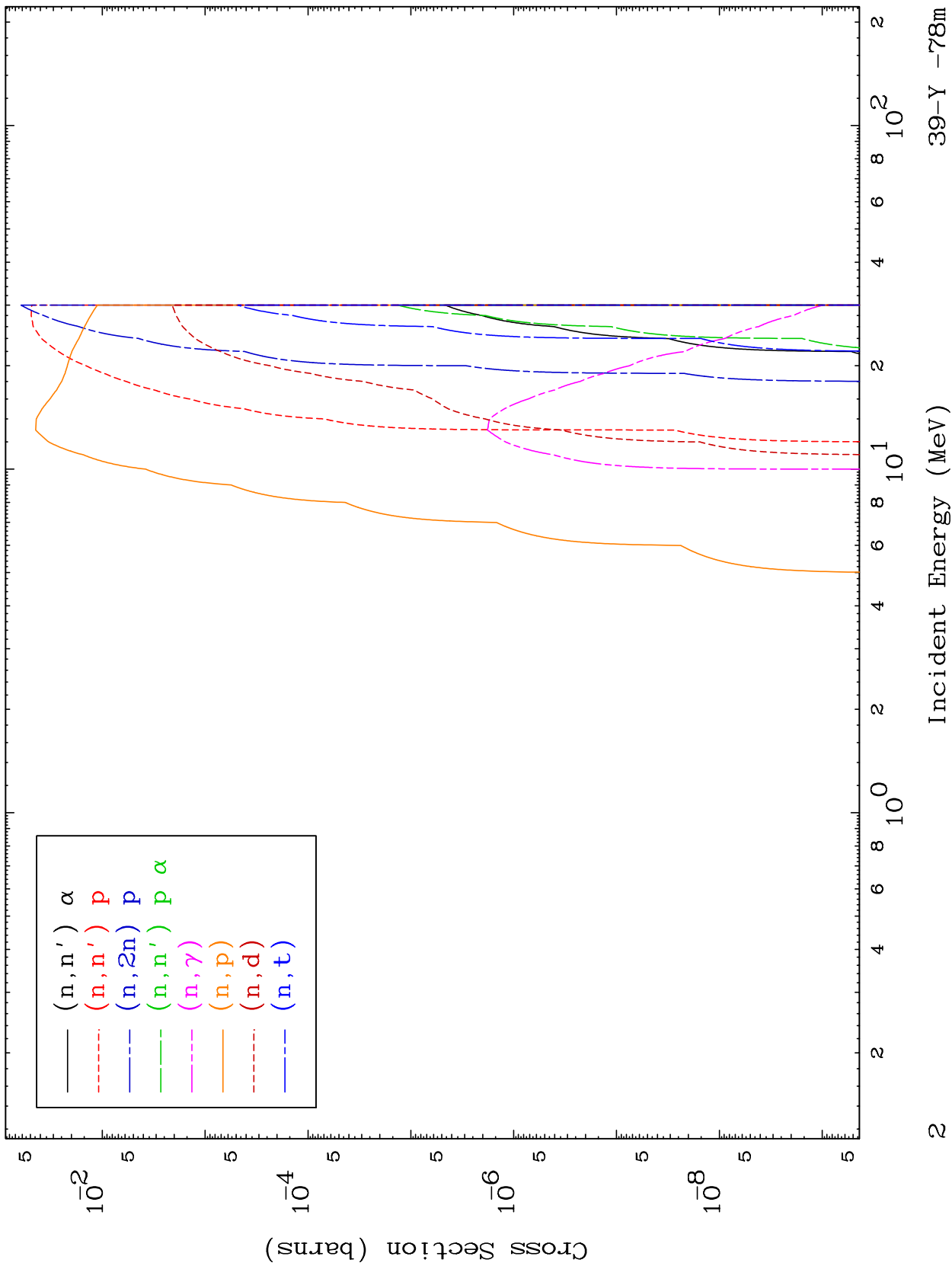
Incident Energy (MeV)

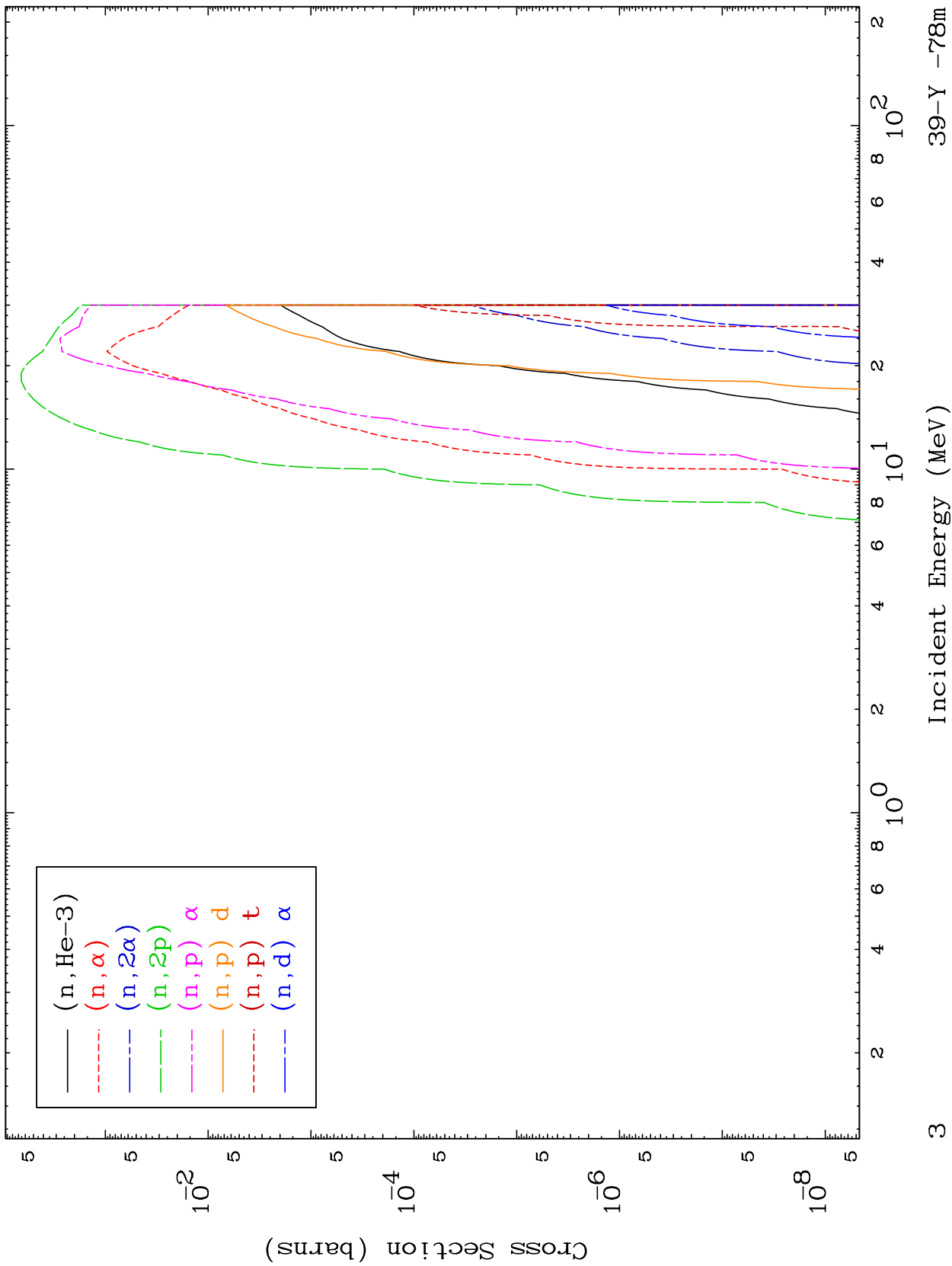
39-Y -78m

MAT 3893

α Neutron Absorption
0 Kelvin Cross Sections

39-Y -78m

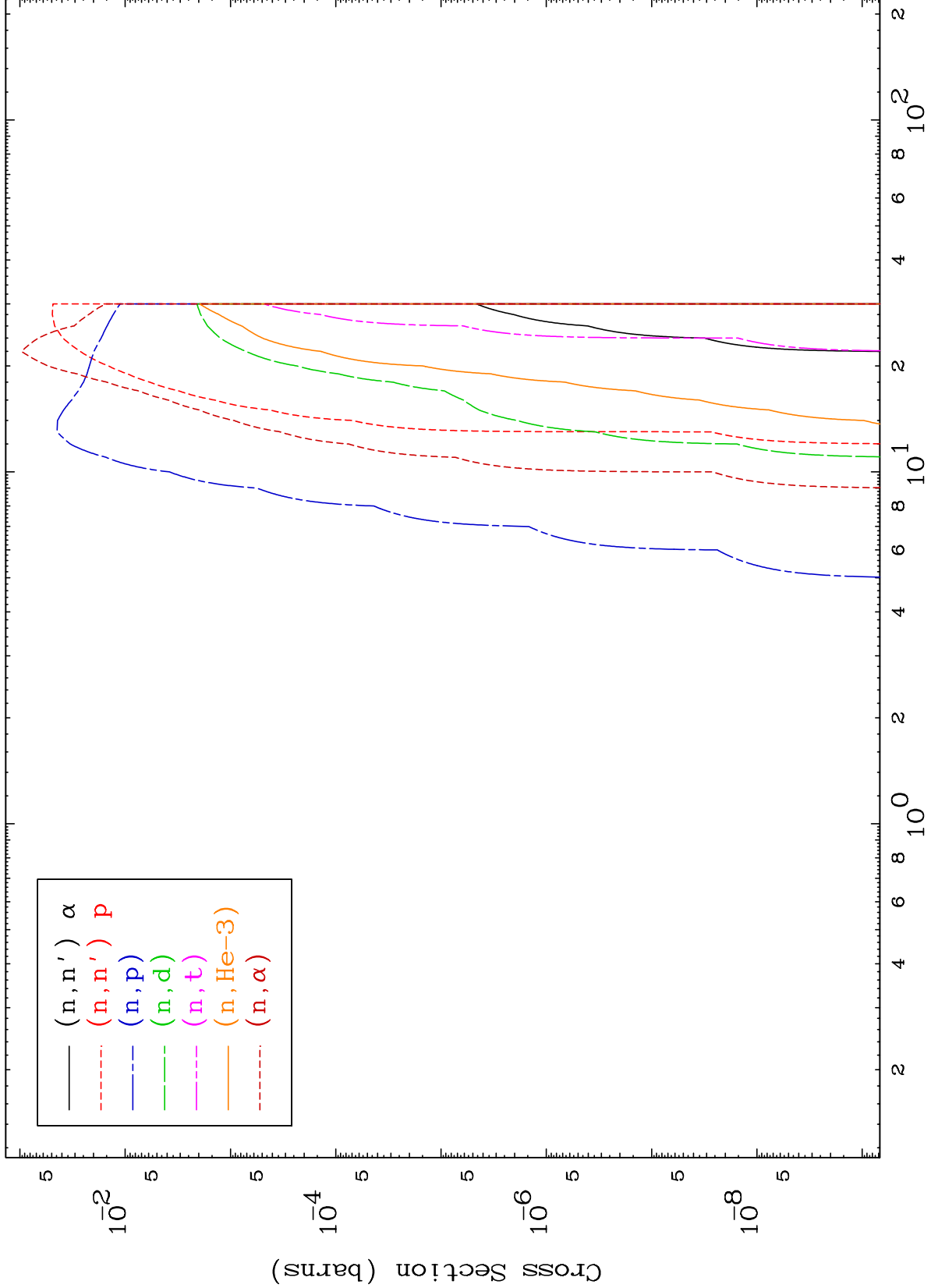


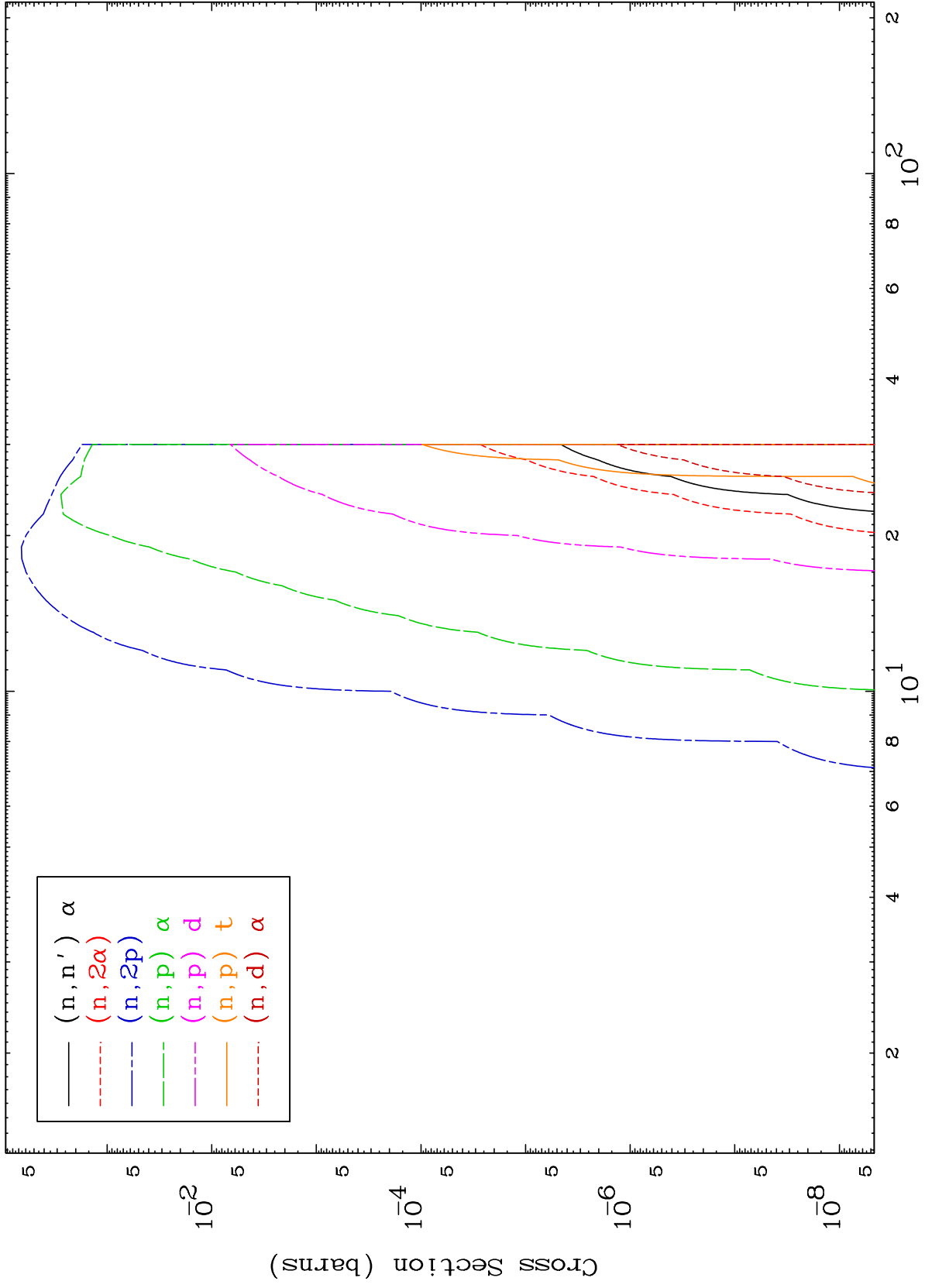


MAT 3893

α Charged Particle
0 Kelvin Cross Sections

39-Y -78m



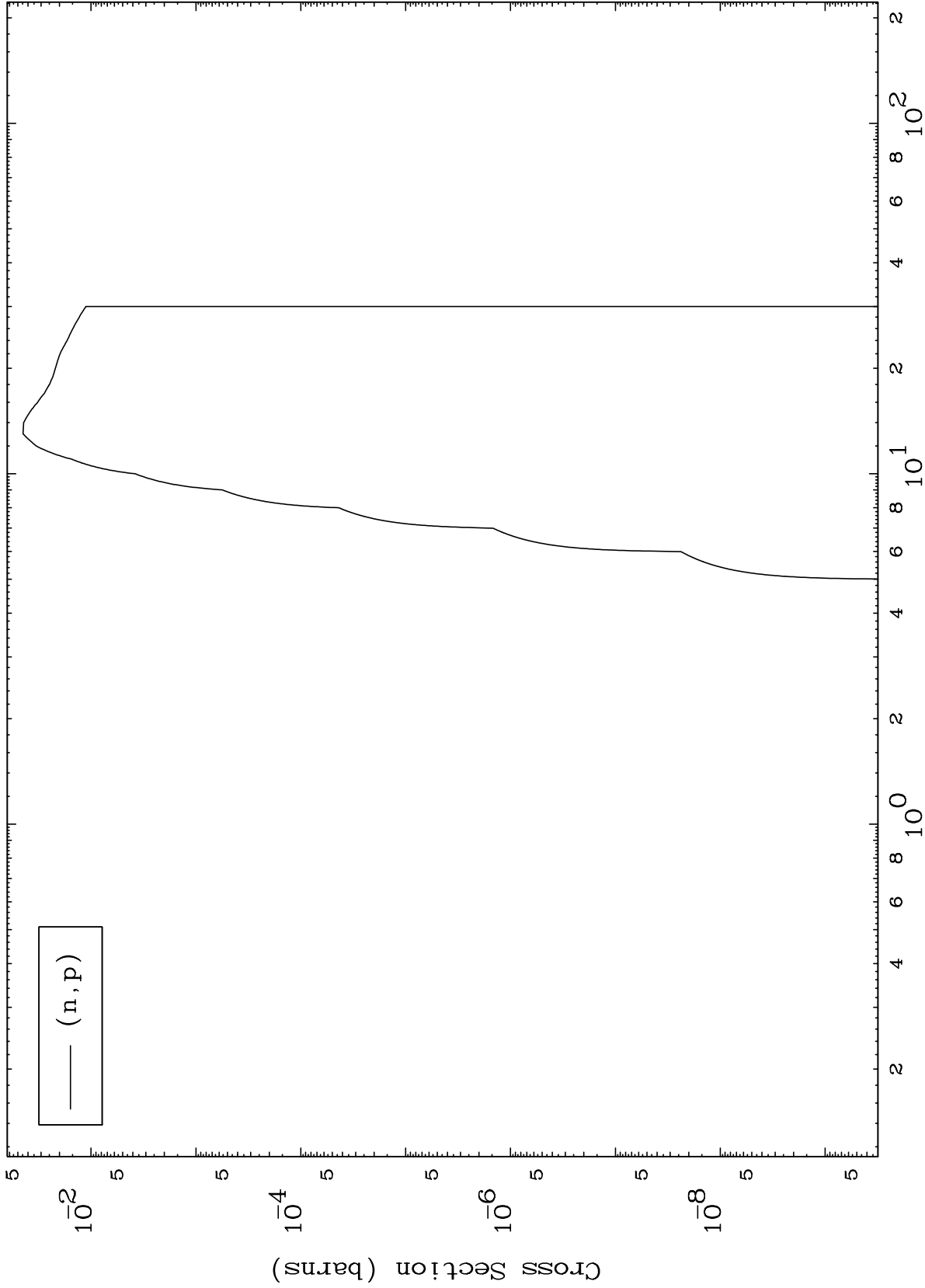


MAT 3893

(α, p) Levels

39-Y -78m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

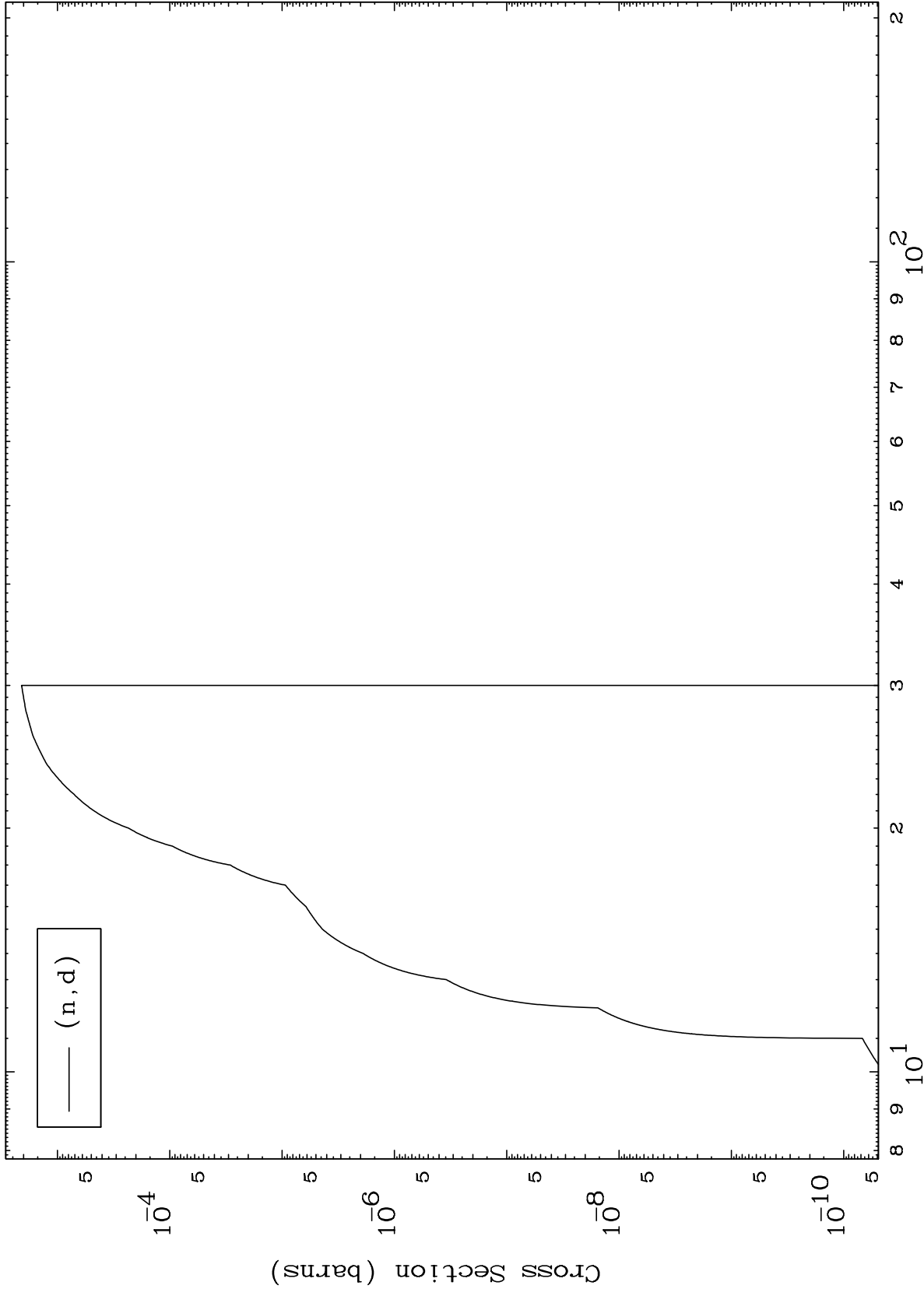
39-Y -78m

MAT 3893

(α, d) Levels

39-Y -78m

0 Kelvin Cross Sections



7

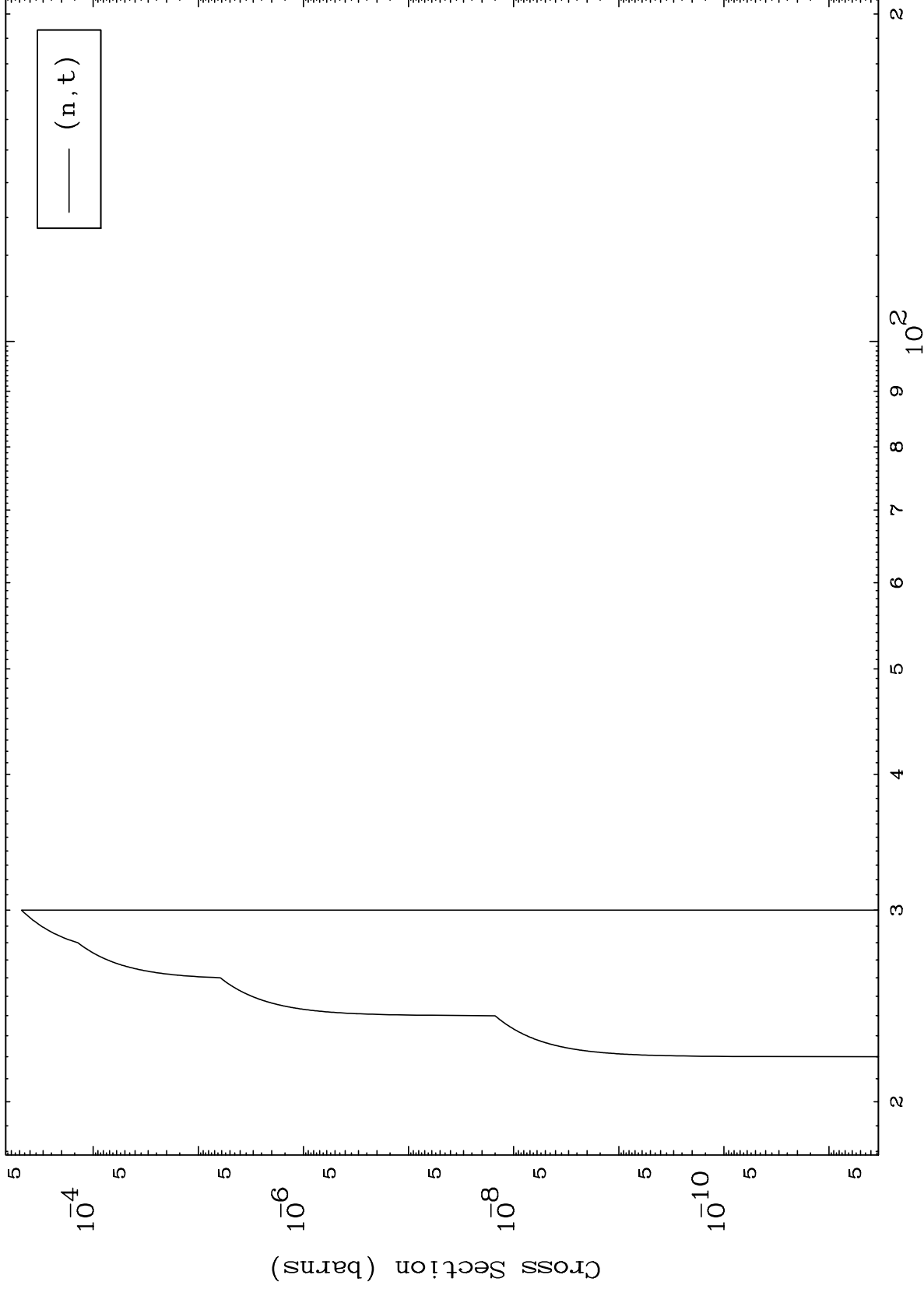
Incident Energy (MeV)

39-Y -78m

MAT 3893

(α, t) Levels
0 Kelvin Cross Sections

39-Y -78m



8

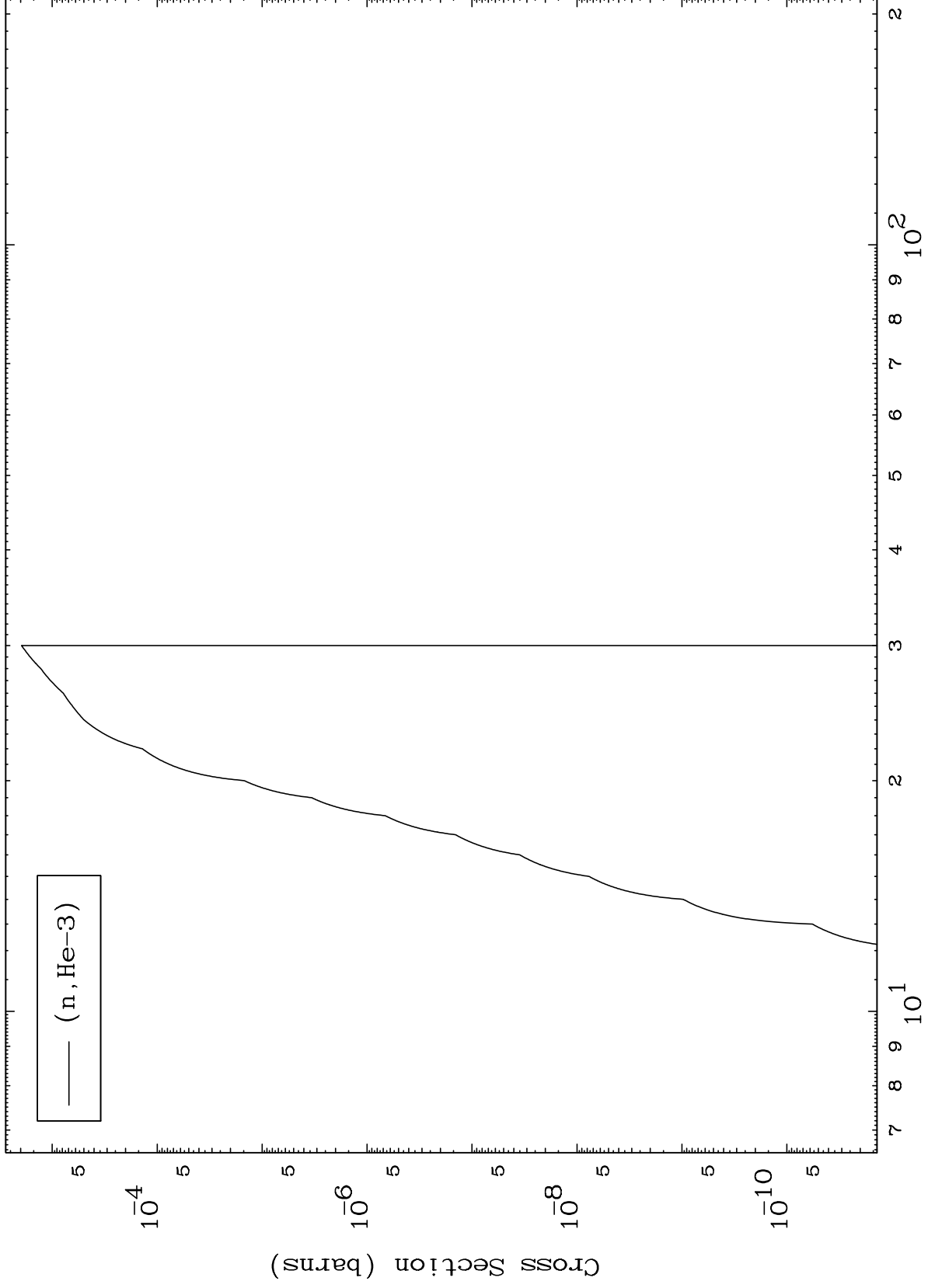
Incident Energy (MeV)

39-Y -78m

MAT 3893

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

39-Y -78m



9

Incident Energy (MeV)

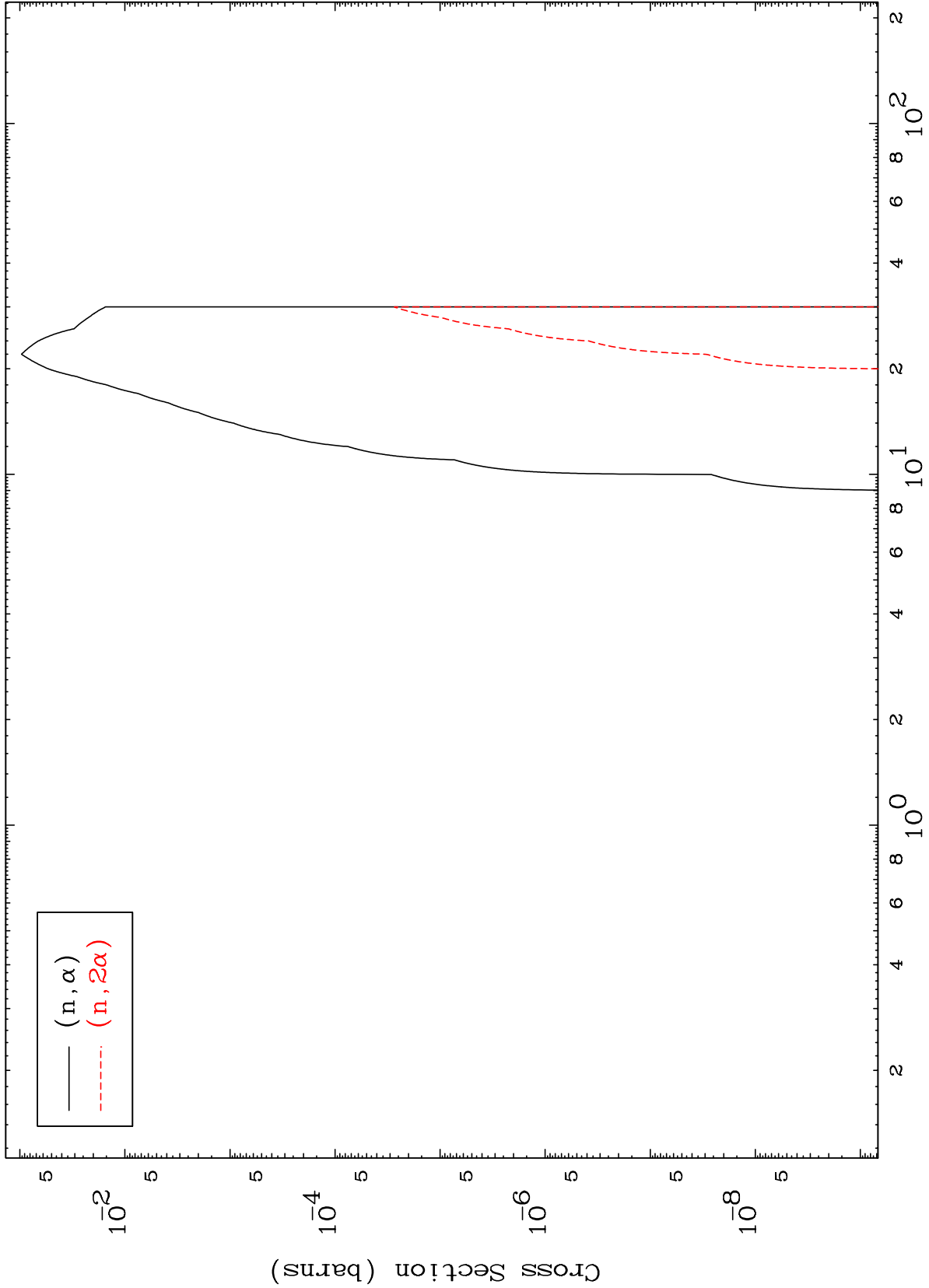
39-Y -78m

MAT 3893

(α, α) Levels

39-Y -78m

0 Kelvin Cross Sections



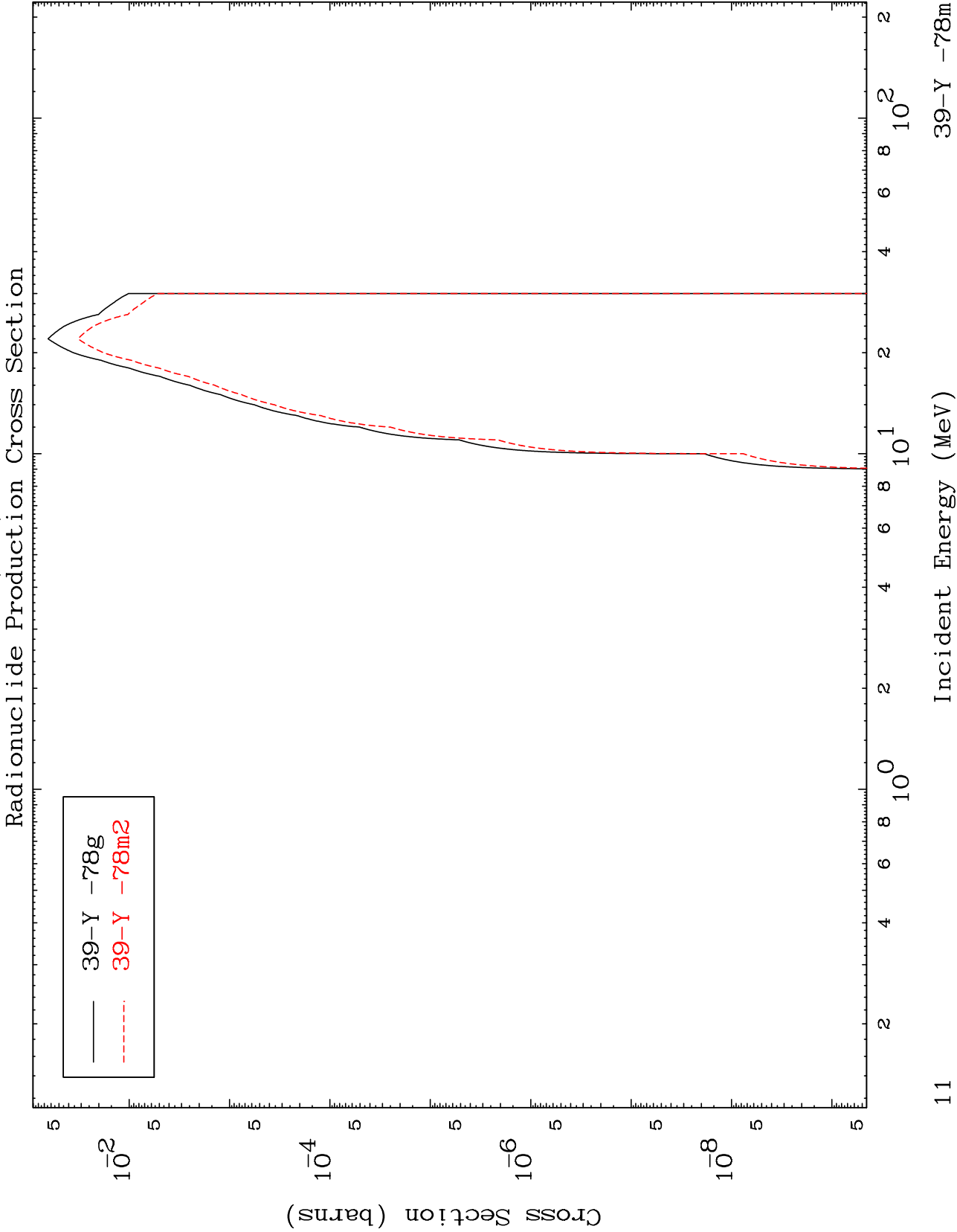
10

Incident Energy (MeV)

39-Y -78m

MAT 3893

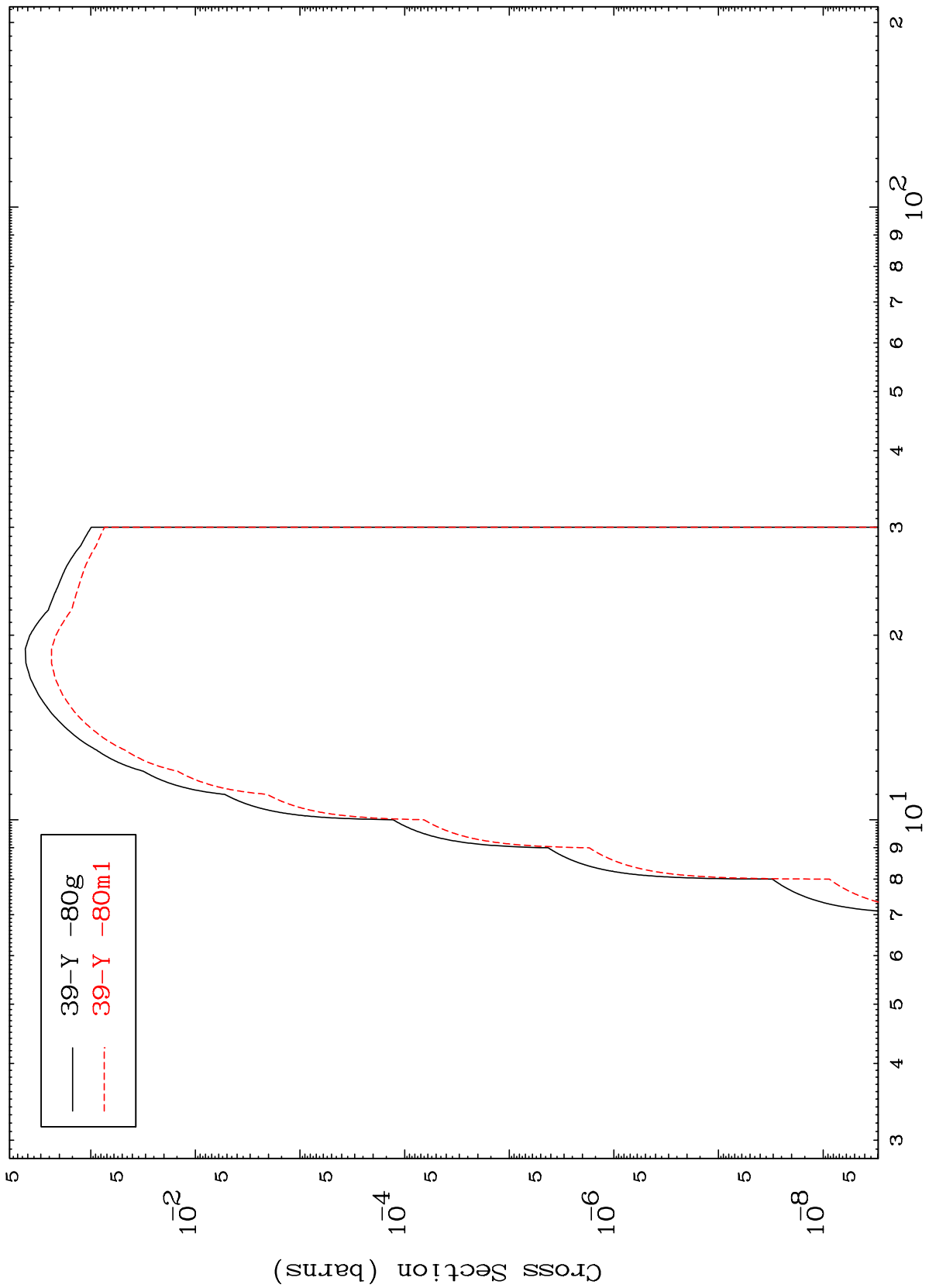
39-Y -78m



MAT 3893

39-Y -78m

(n,2p)
Radionuclide Production Cross Section



— 39-Y -80g
- - - 39-Y -80m1

39-Y -78m

Incident Energy (MeV)

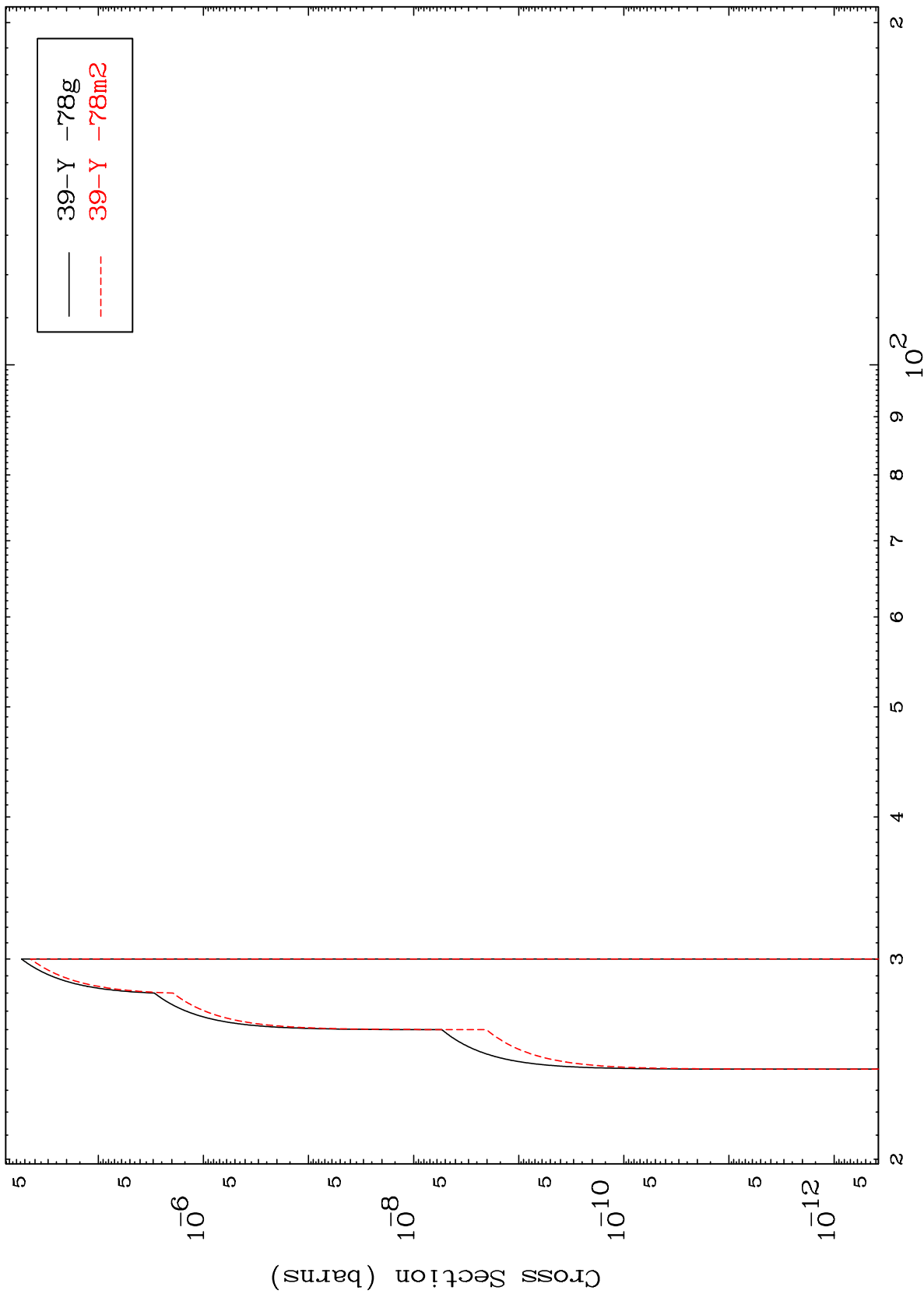
12

MAT 3893

(n,p) t

39-Y -78m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

39-Y -78m