

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

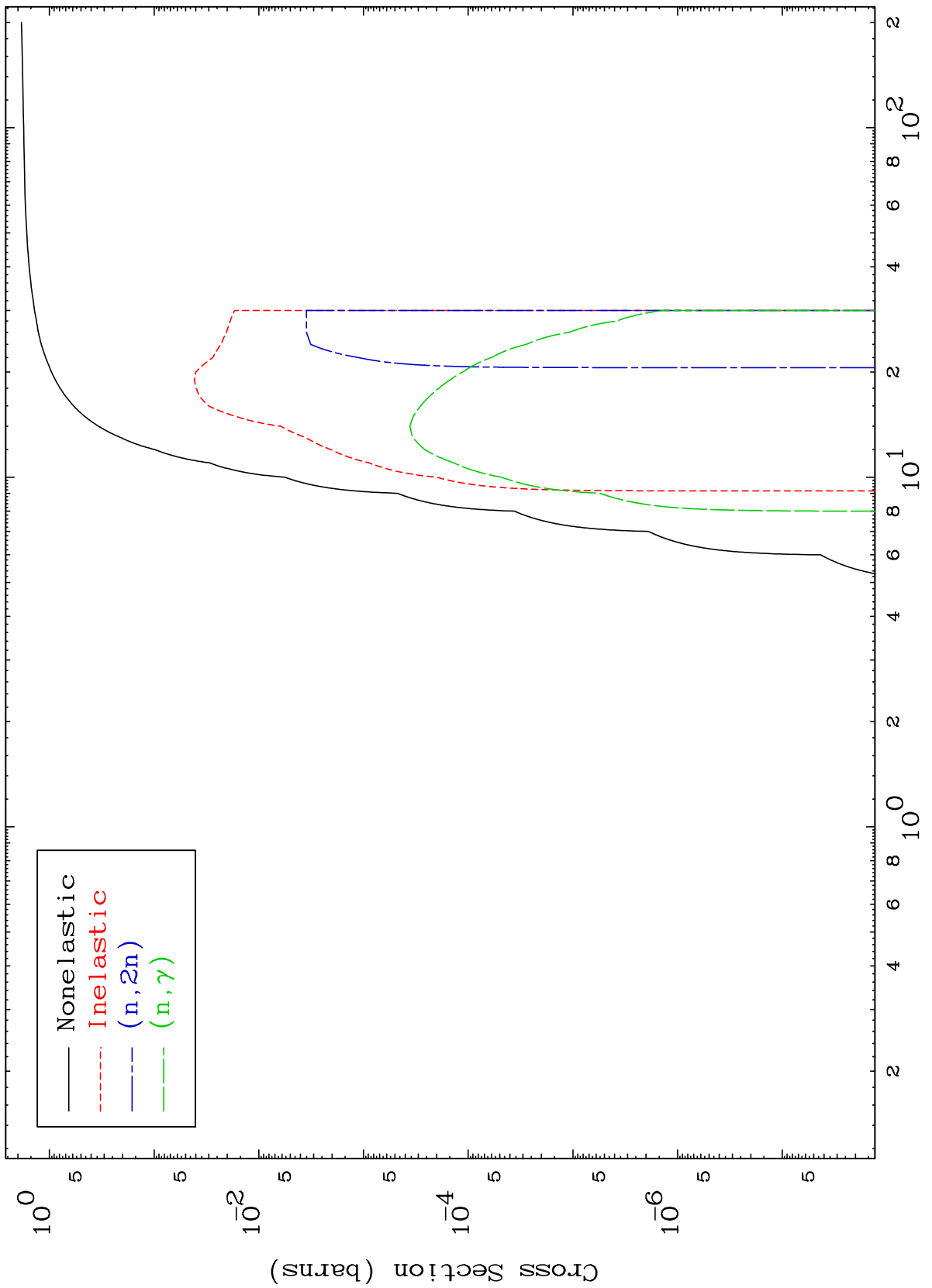
Press Mouse Button to Start

MAT 3907

α Major

39-Y -83

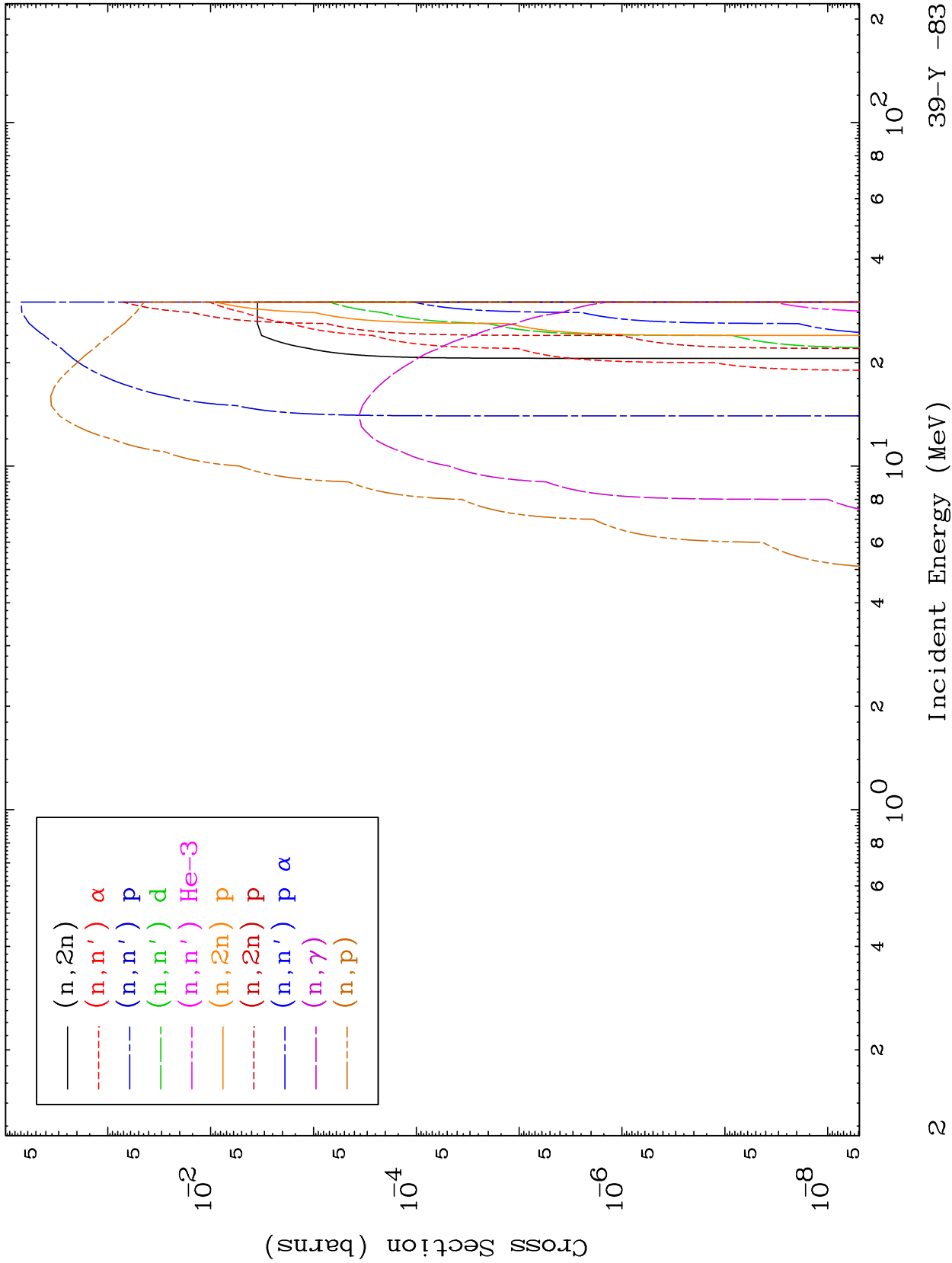
0 Kelvin Cross Sections

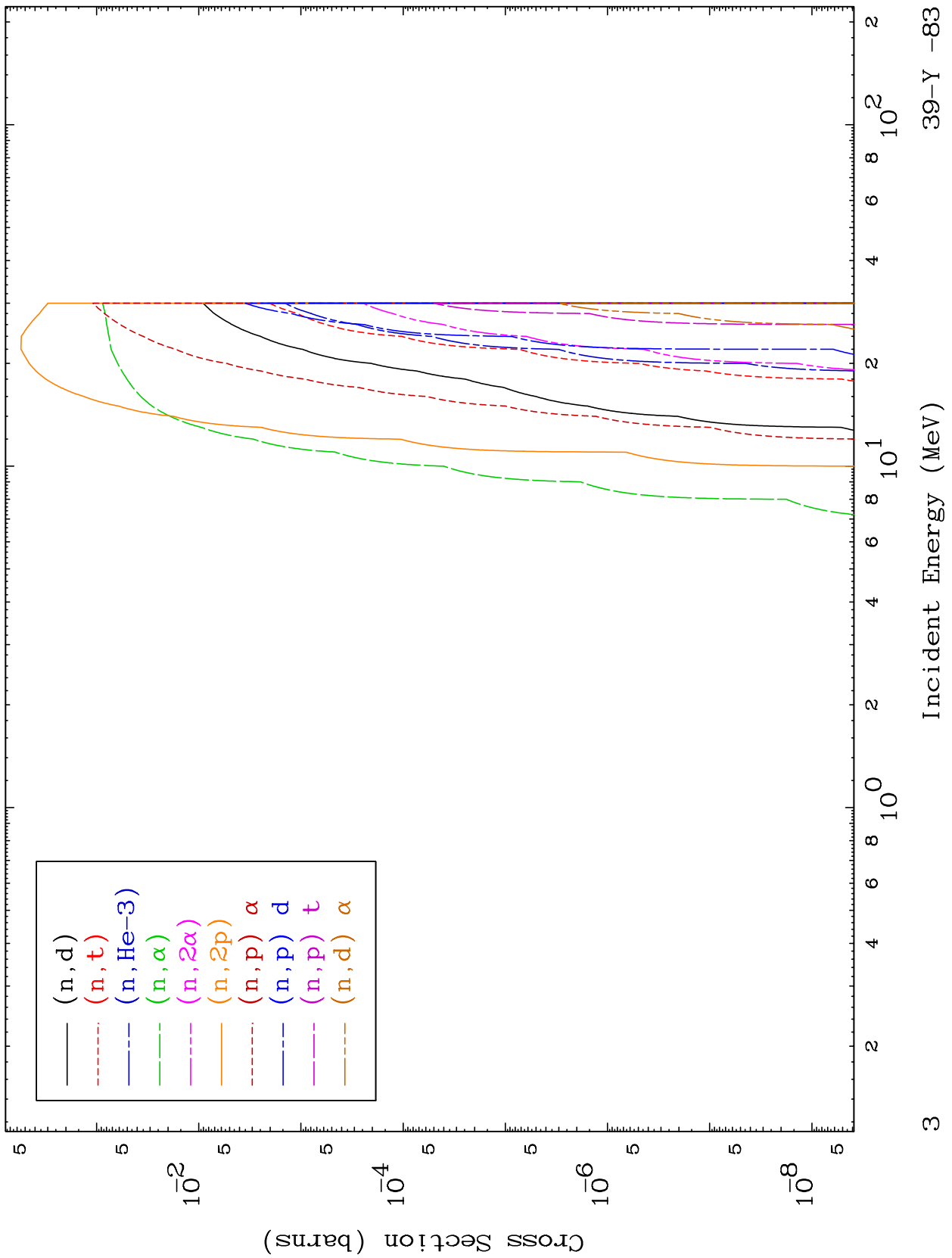


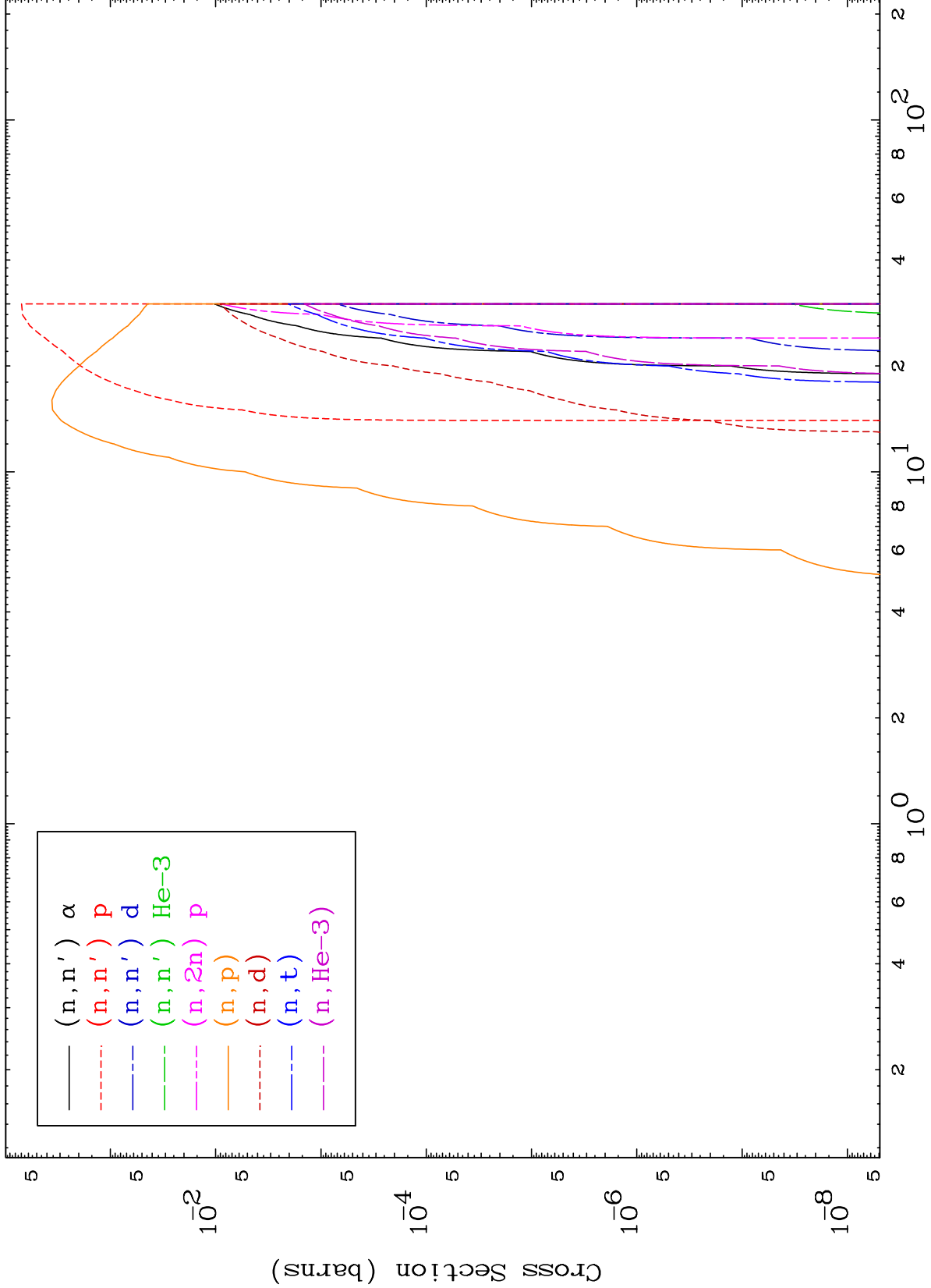
1

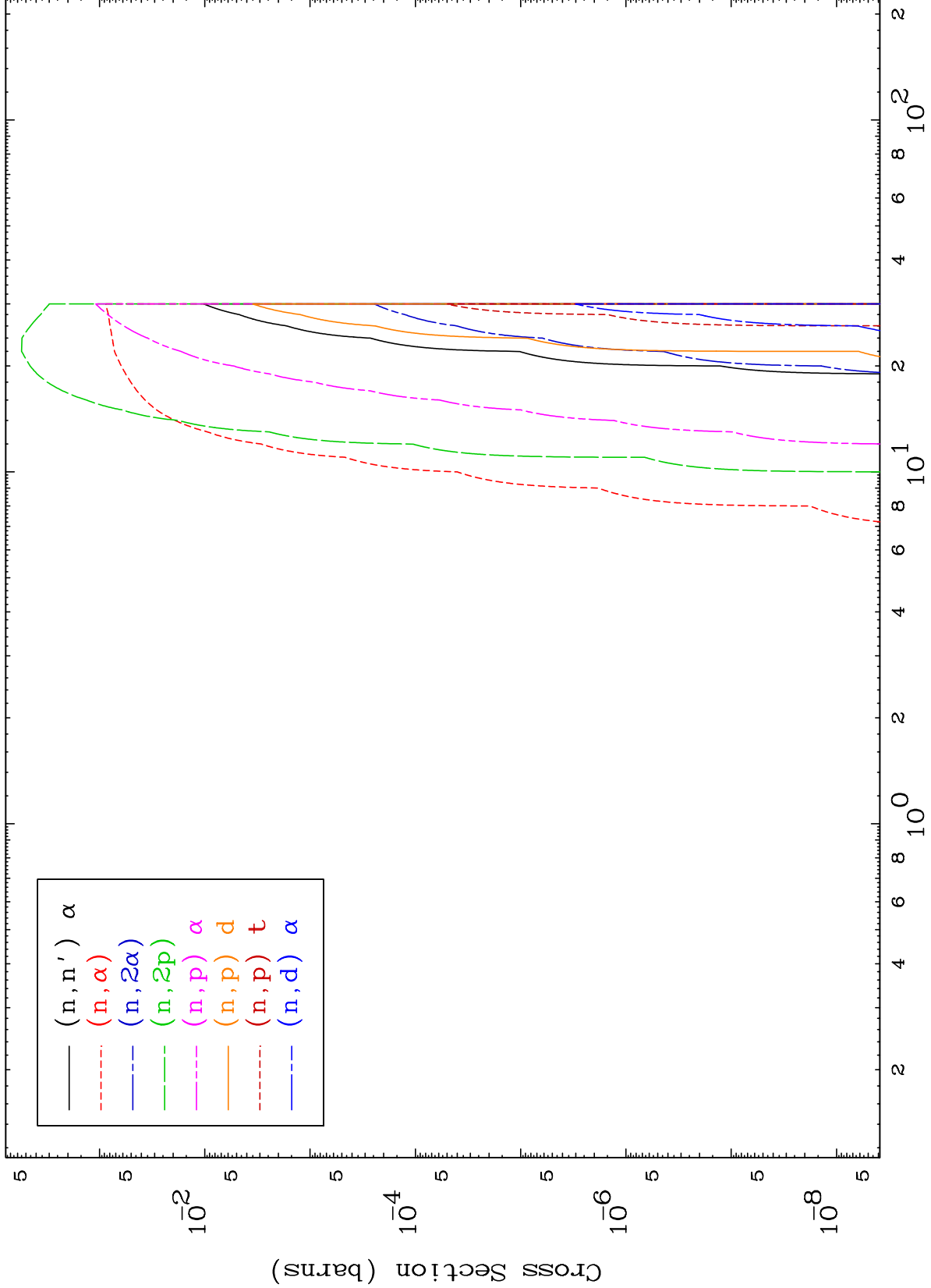
Incident Energy (MeV)

39-Y -83

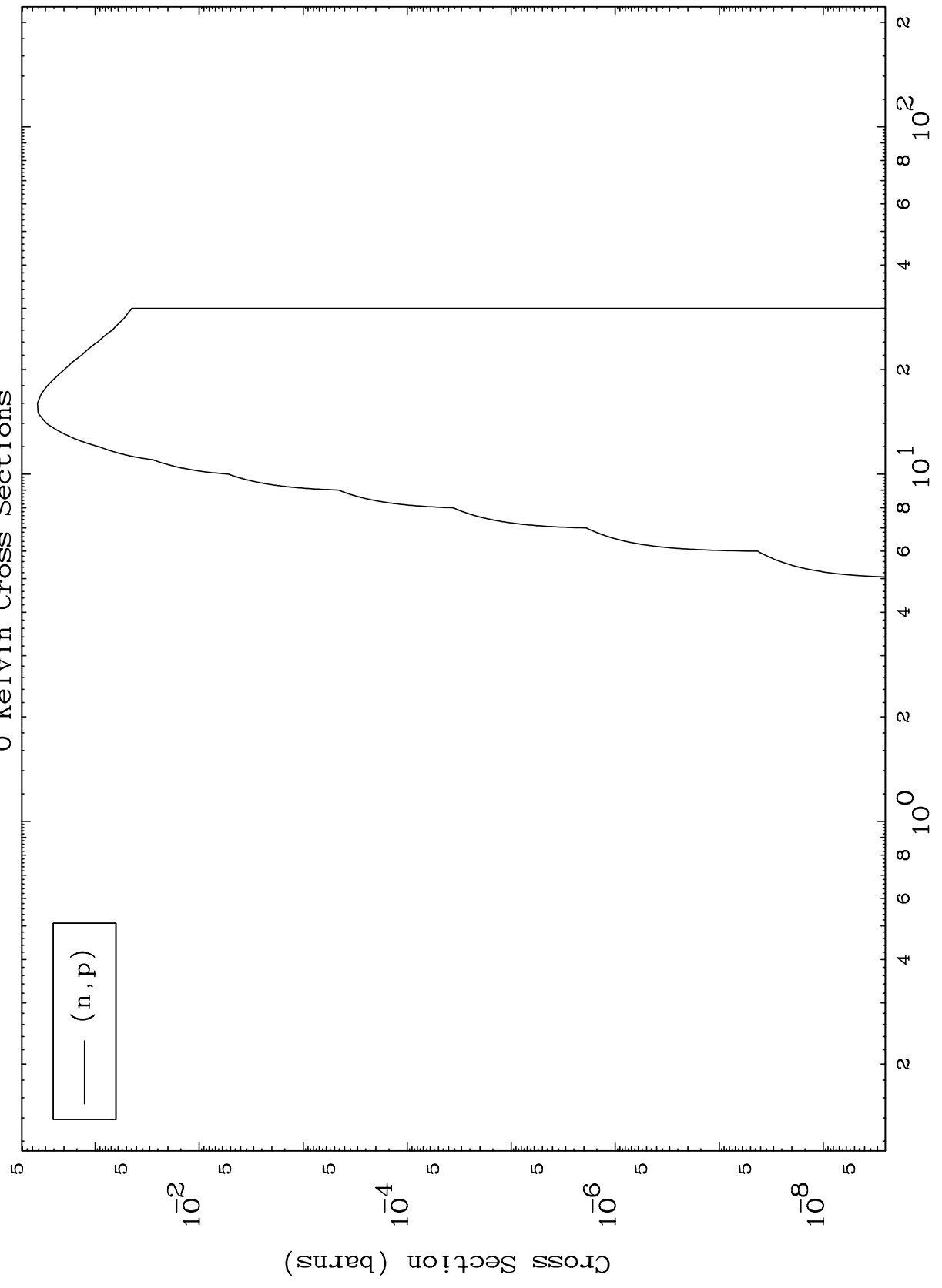








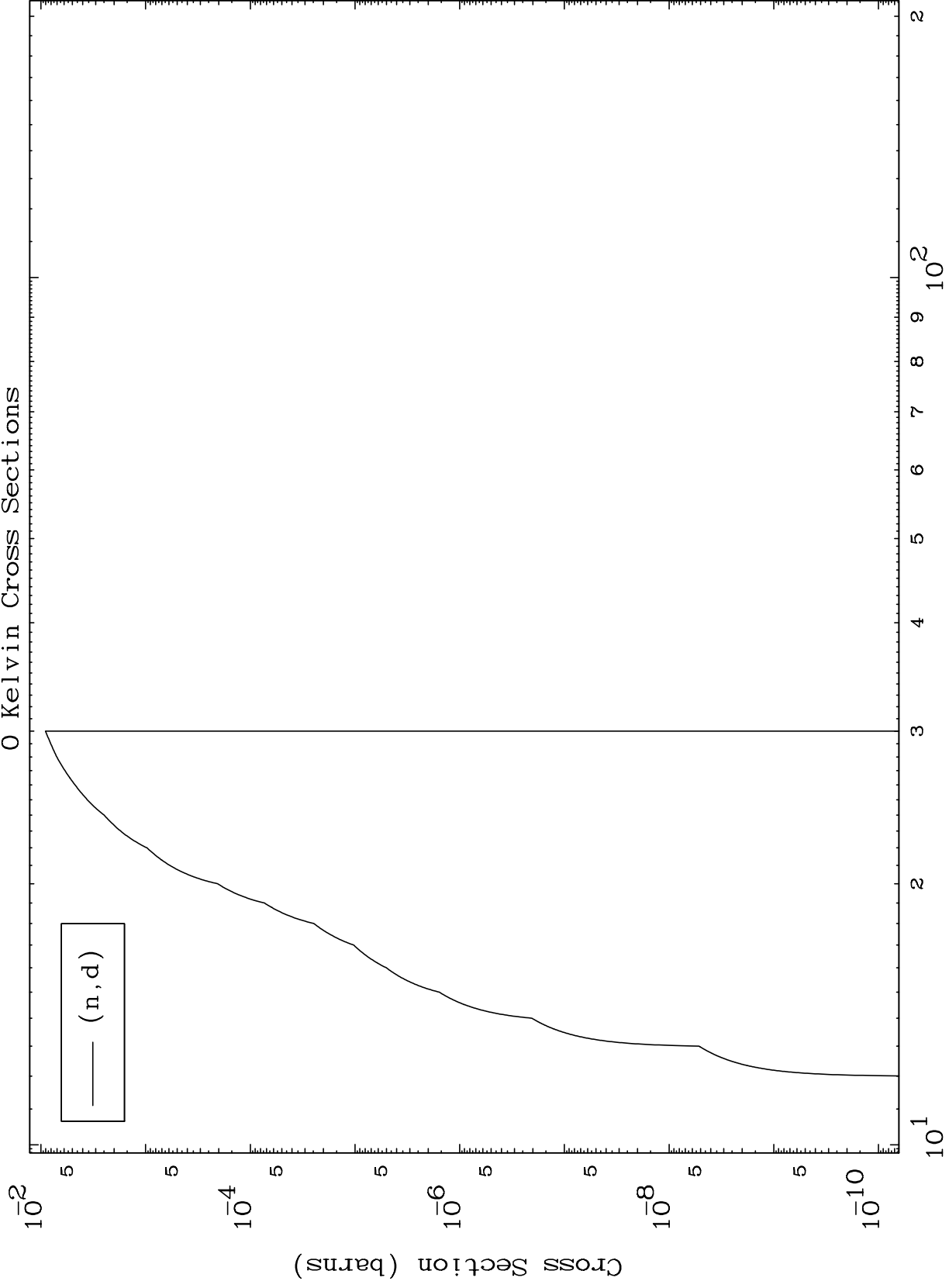
0 Kelvin Cross Sections



MAT 3907

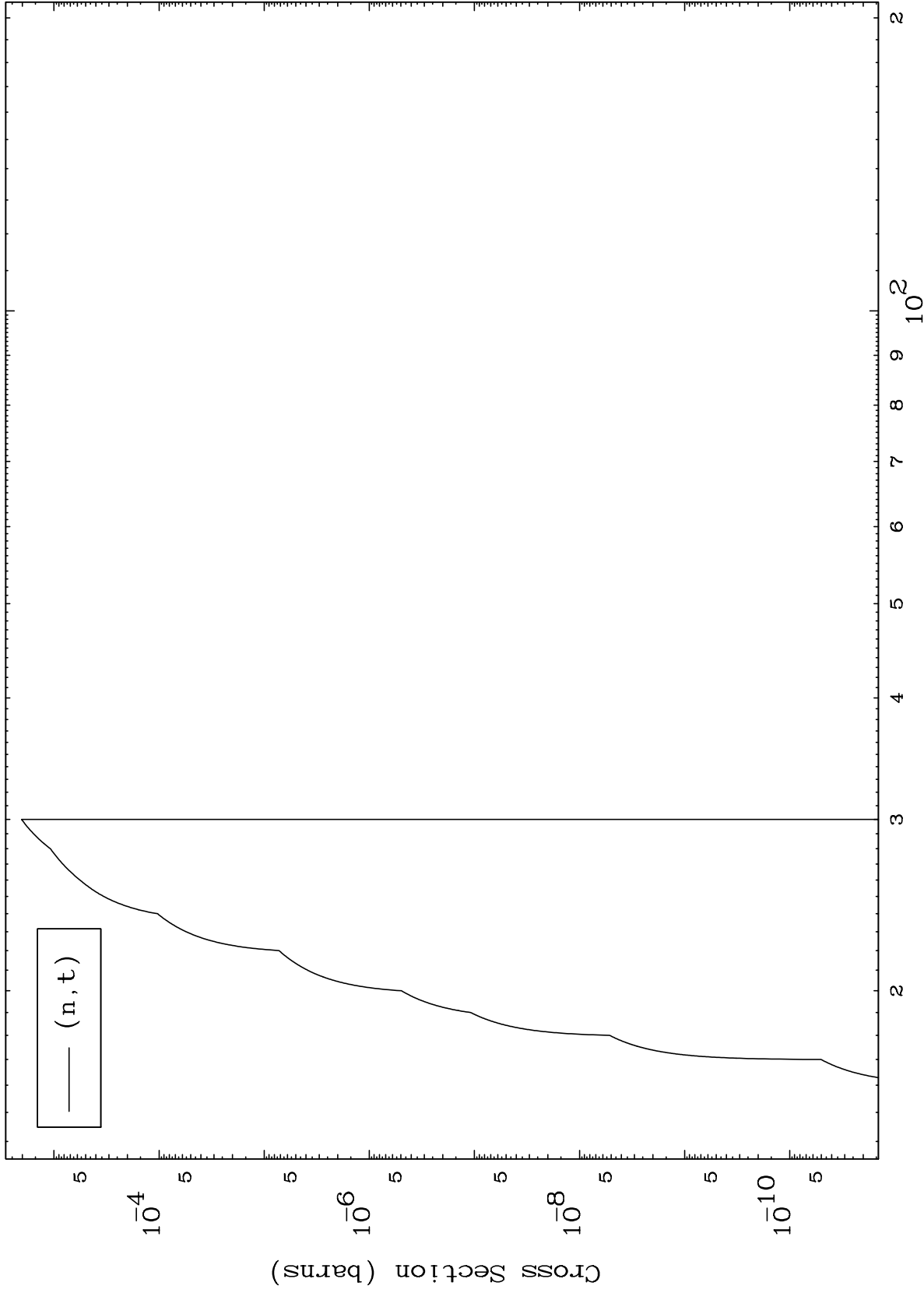
(α, d) Levels
0 Kelvin Cross Sections

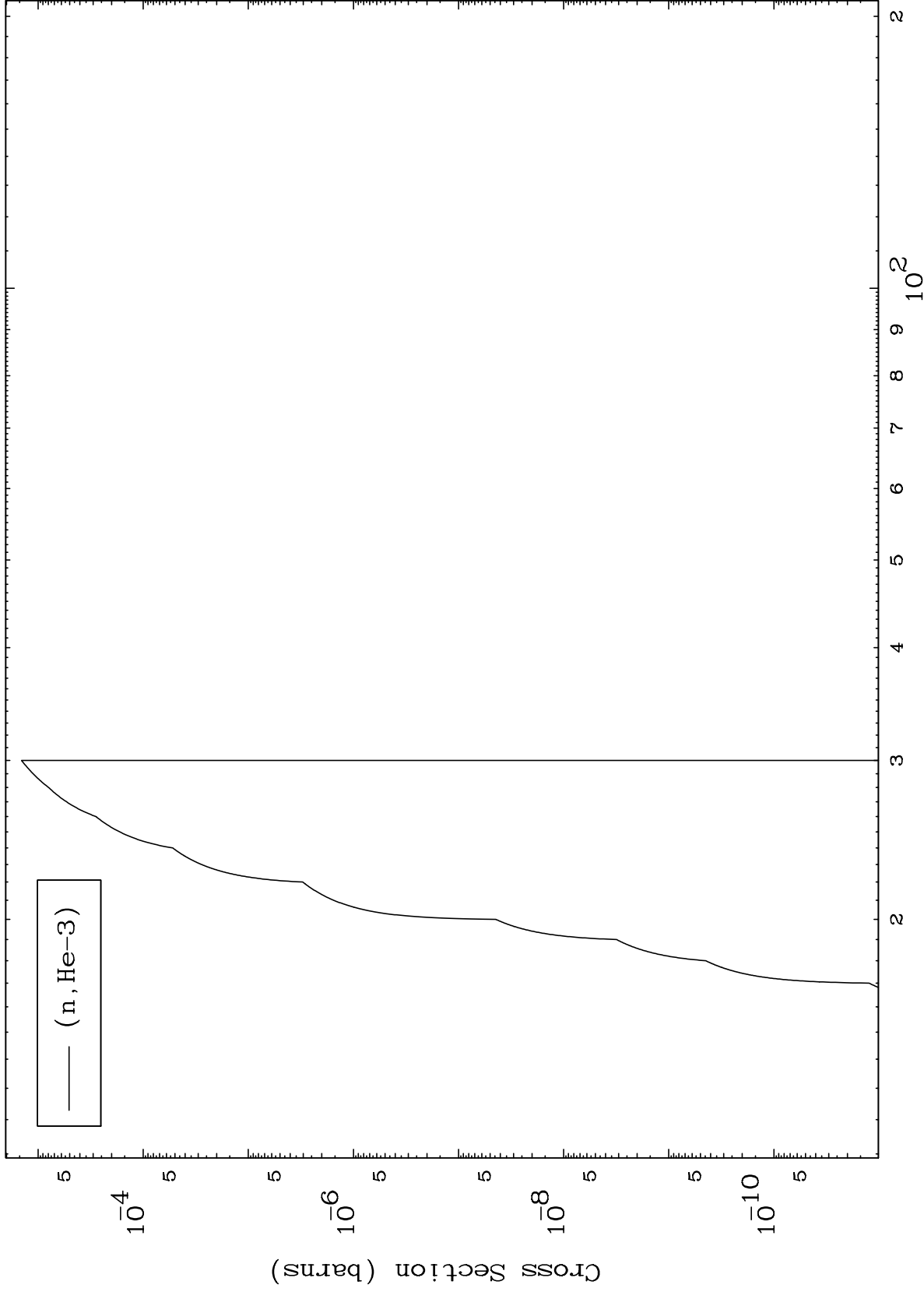
39-Y -83



Incident Energy (MeV)

39-Y -83



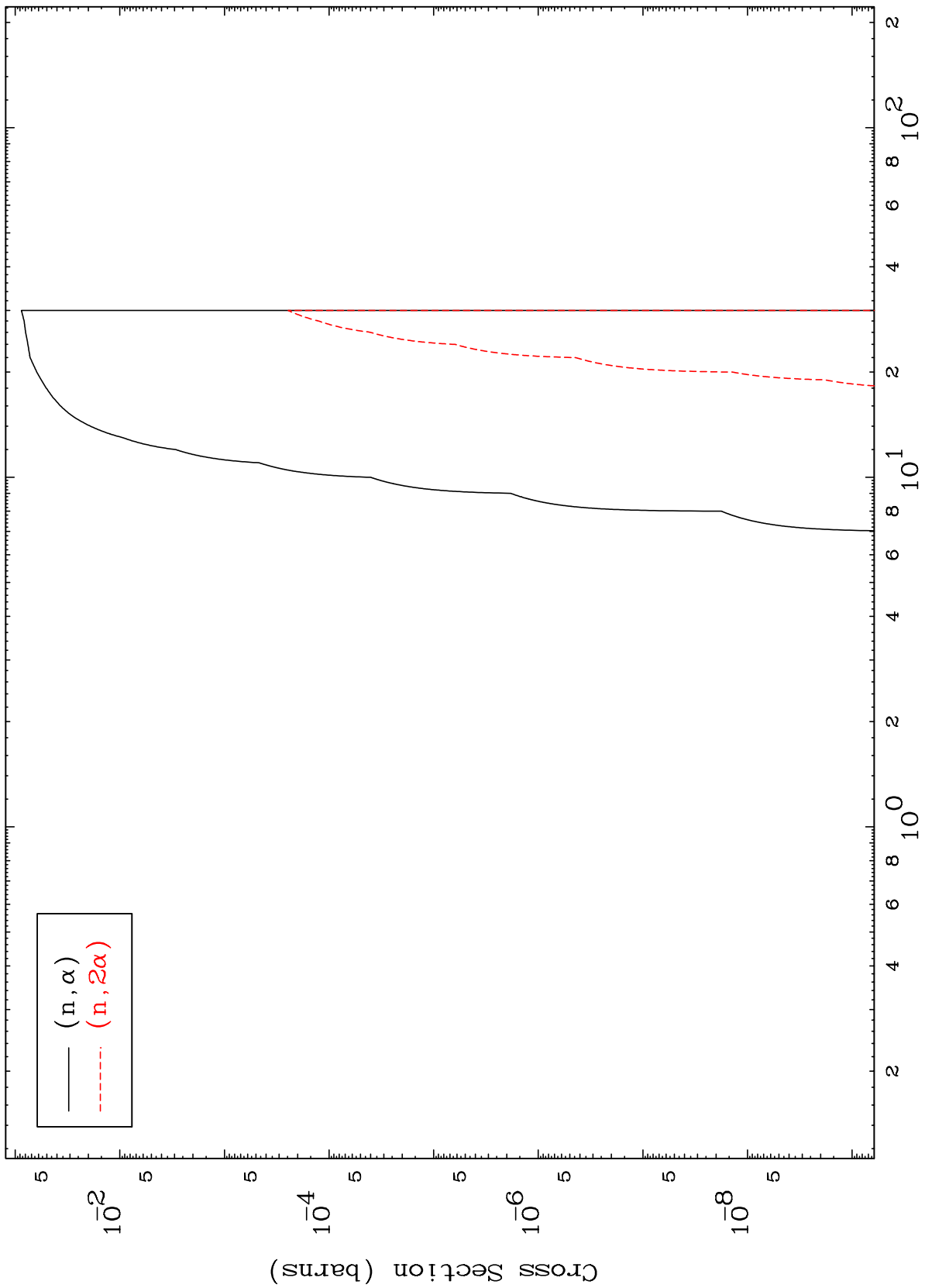


MAT 3907

(α, α) Levels

39-Y -83

0 Kelvin Cross Sections

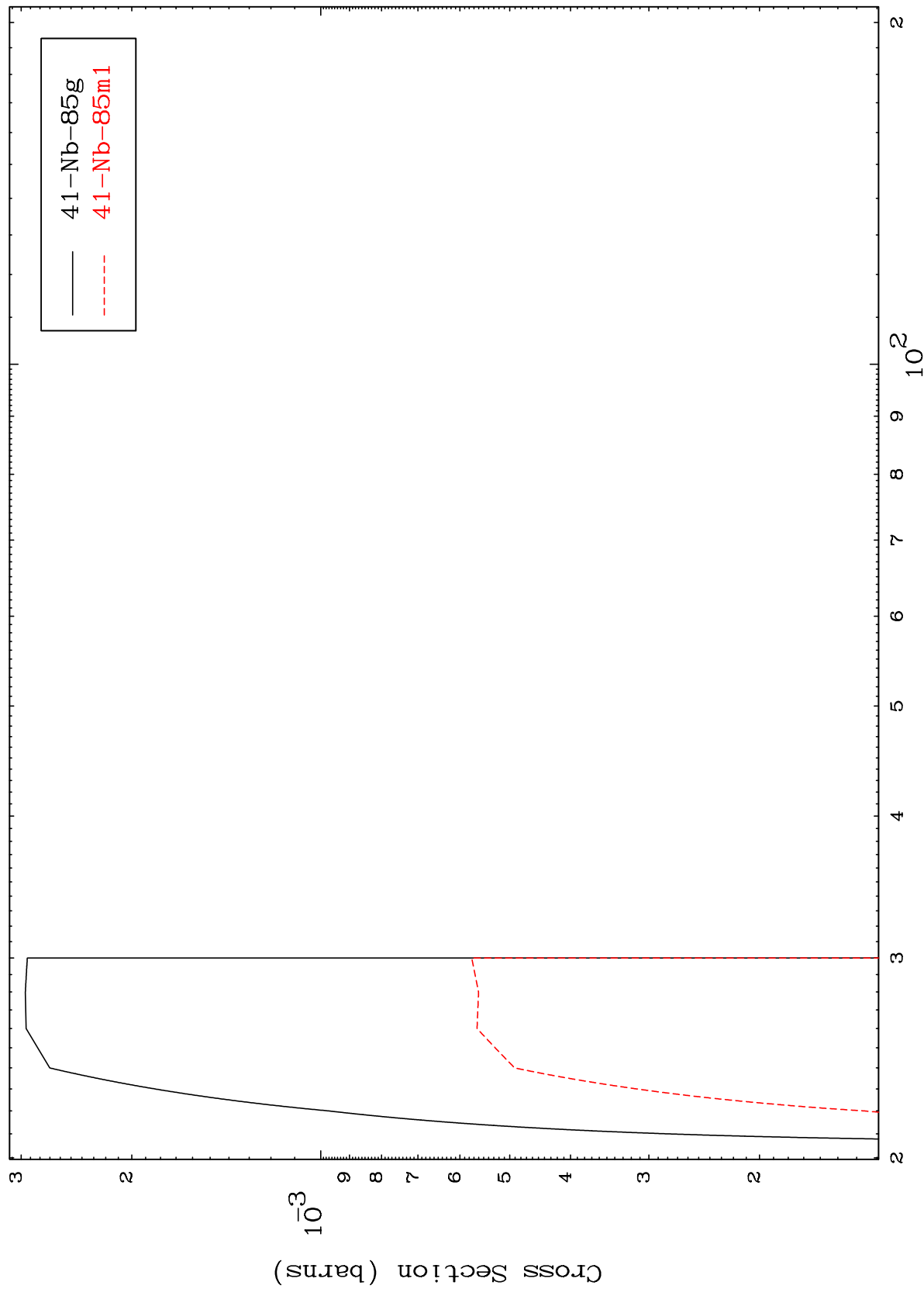


10

Incident Energy (MeV)

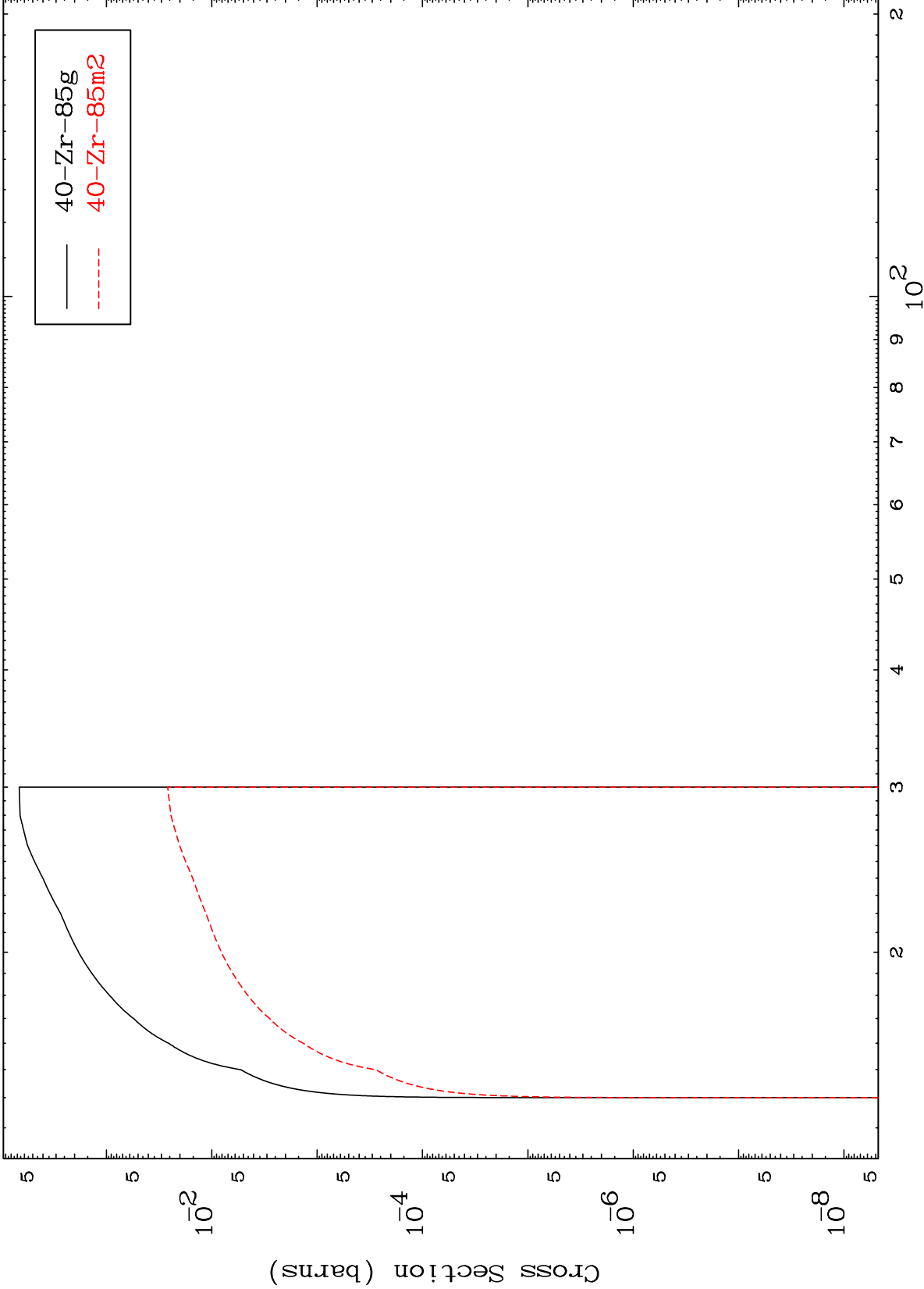
39-Y -83

(n,2n)
Radionuclide Production Cross Section



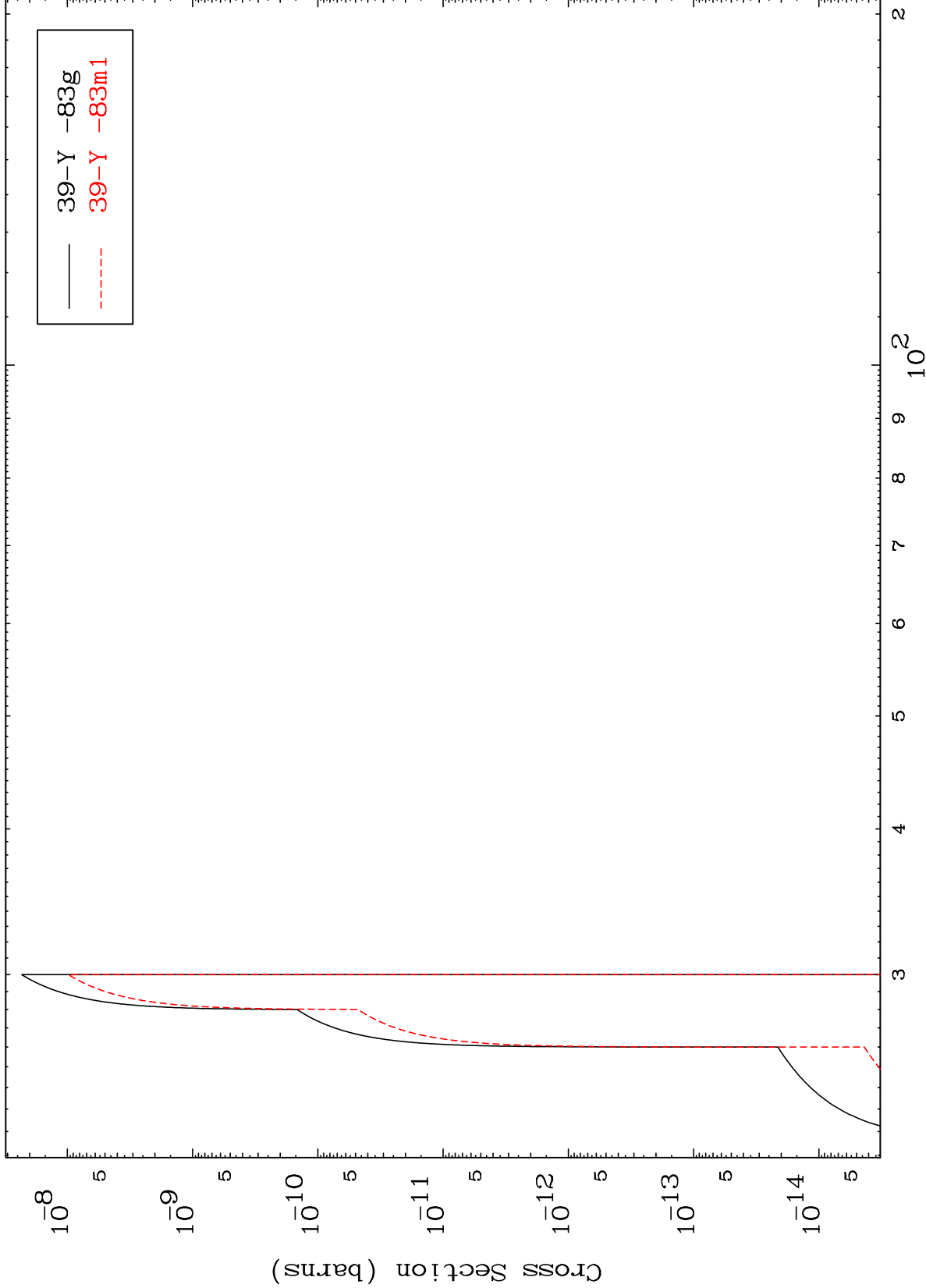
— 41-Nb-85g
- - - 41-Nb-85m1

Radionuclide Production Cross Section



40-Zr-85g
40-Zr-85m2

Radionuclide Production Cross Section



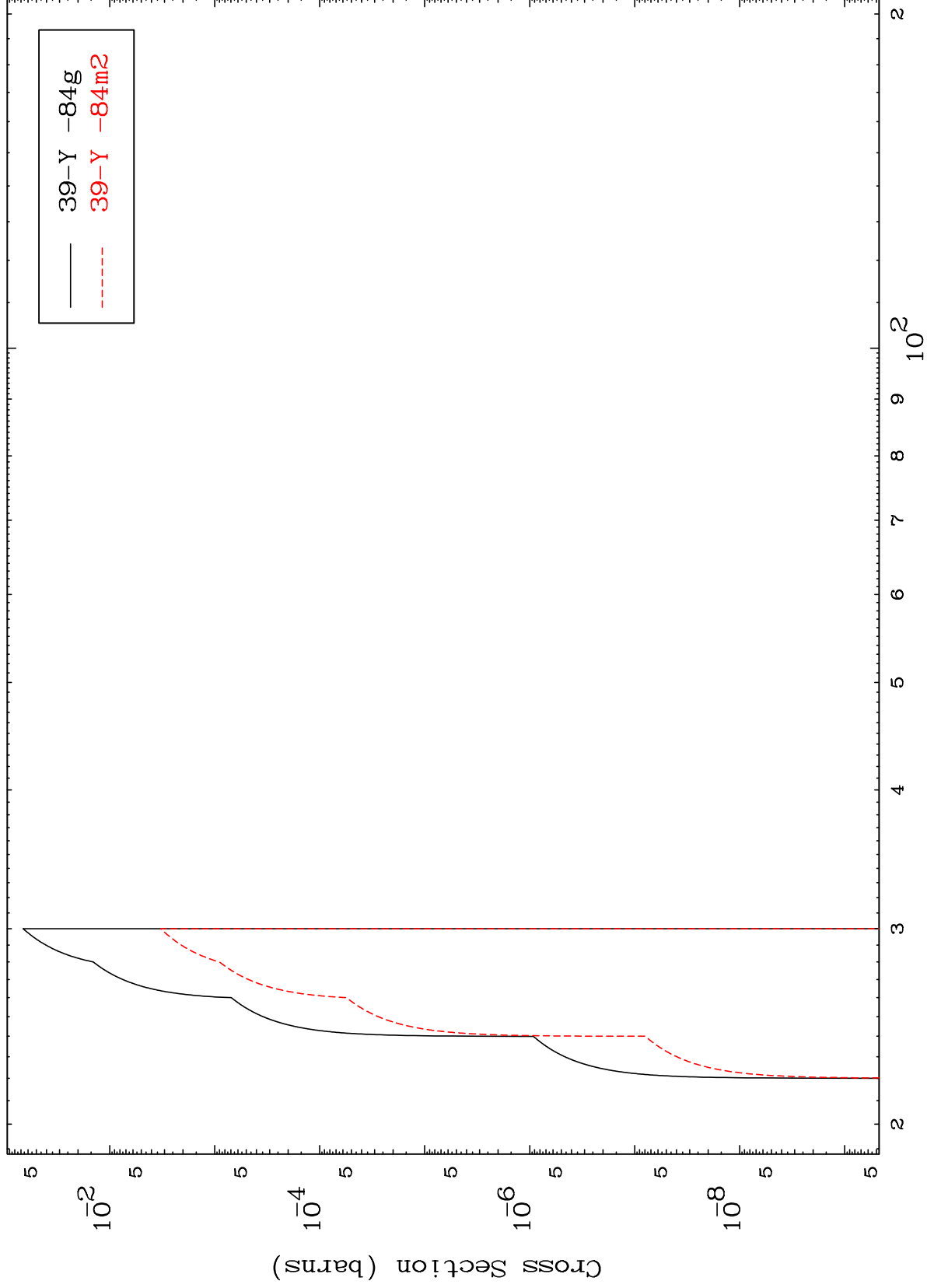
39-Y -83g
39-Y -83m1

MAT 3907

(n,2n) p

39-Y -83

Radionuclide Production Cross Section

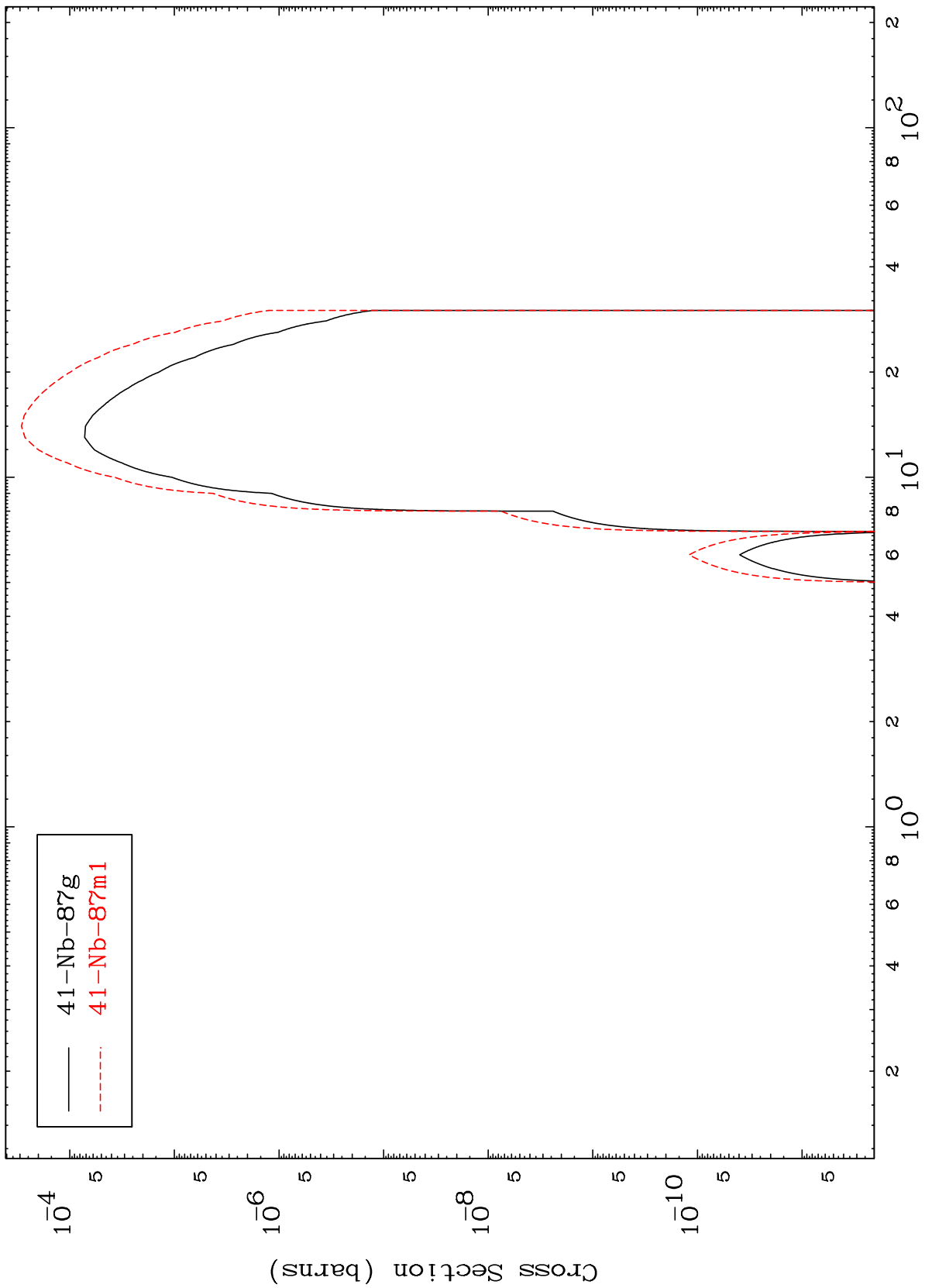


14

Incident Energy (MeV)

39-Y -83

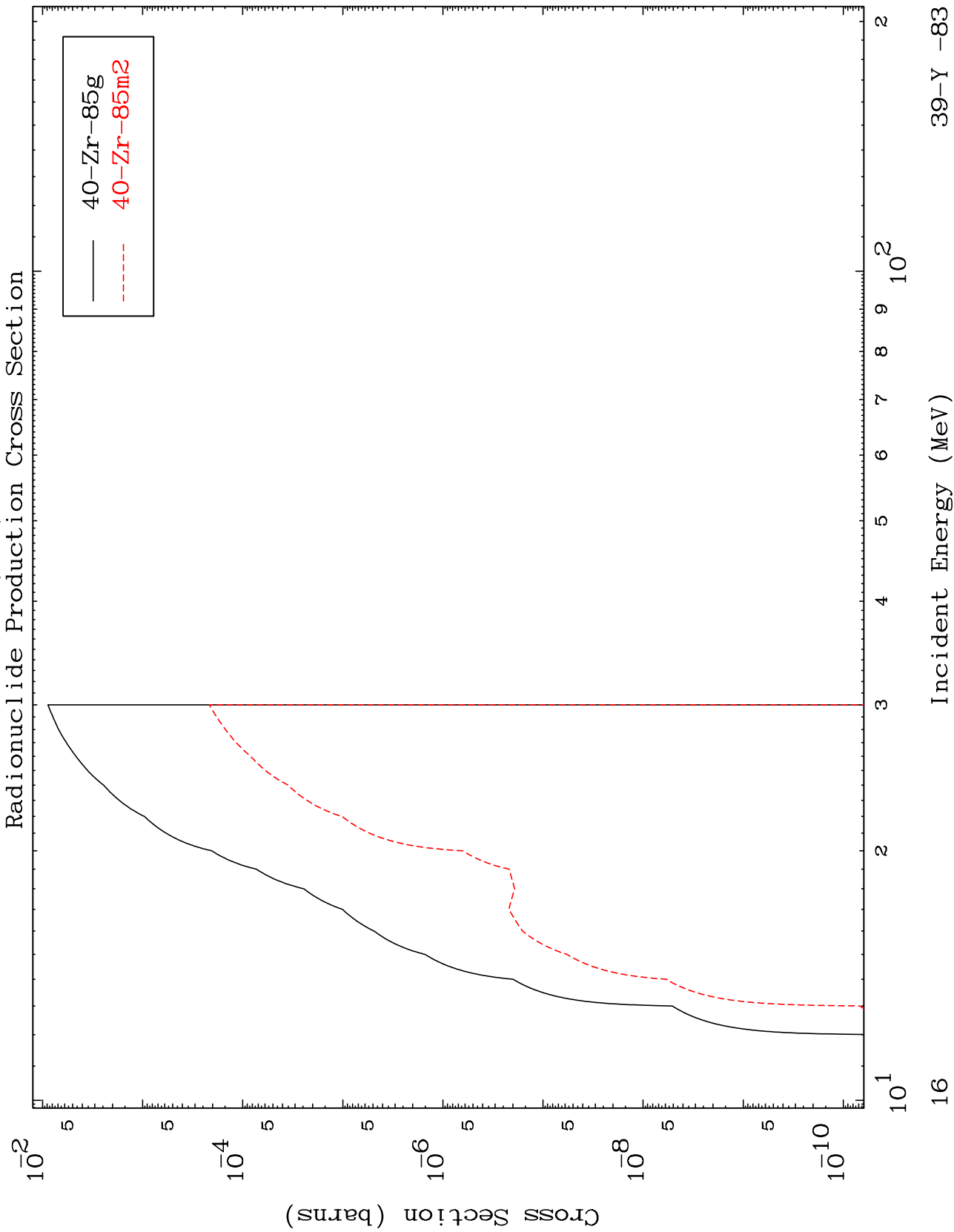
Radionuclide Production Cross Section (n,γ)



MAT 3907

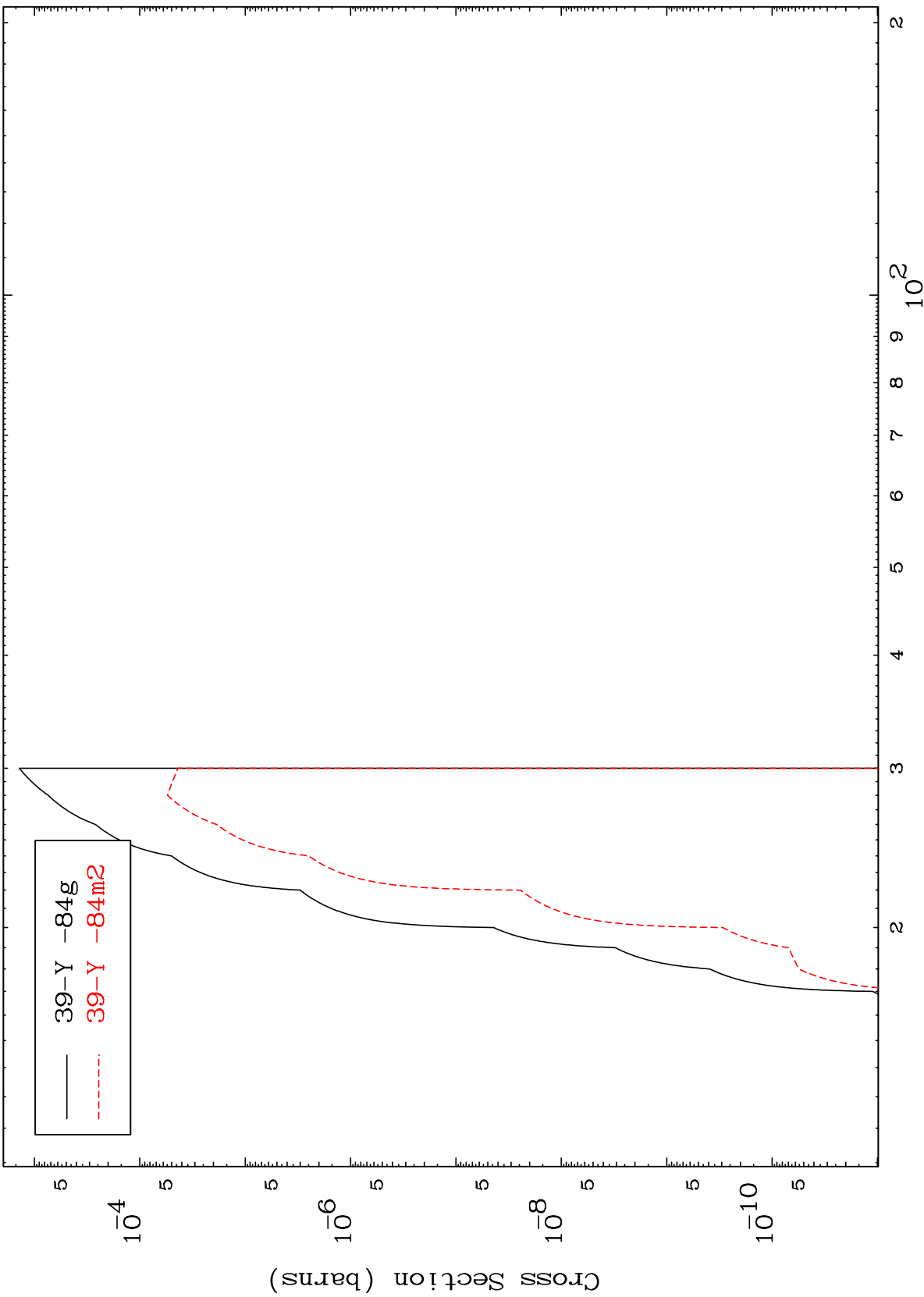
(n,d)

39-Y -83



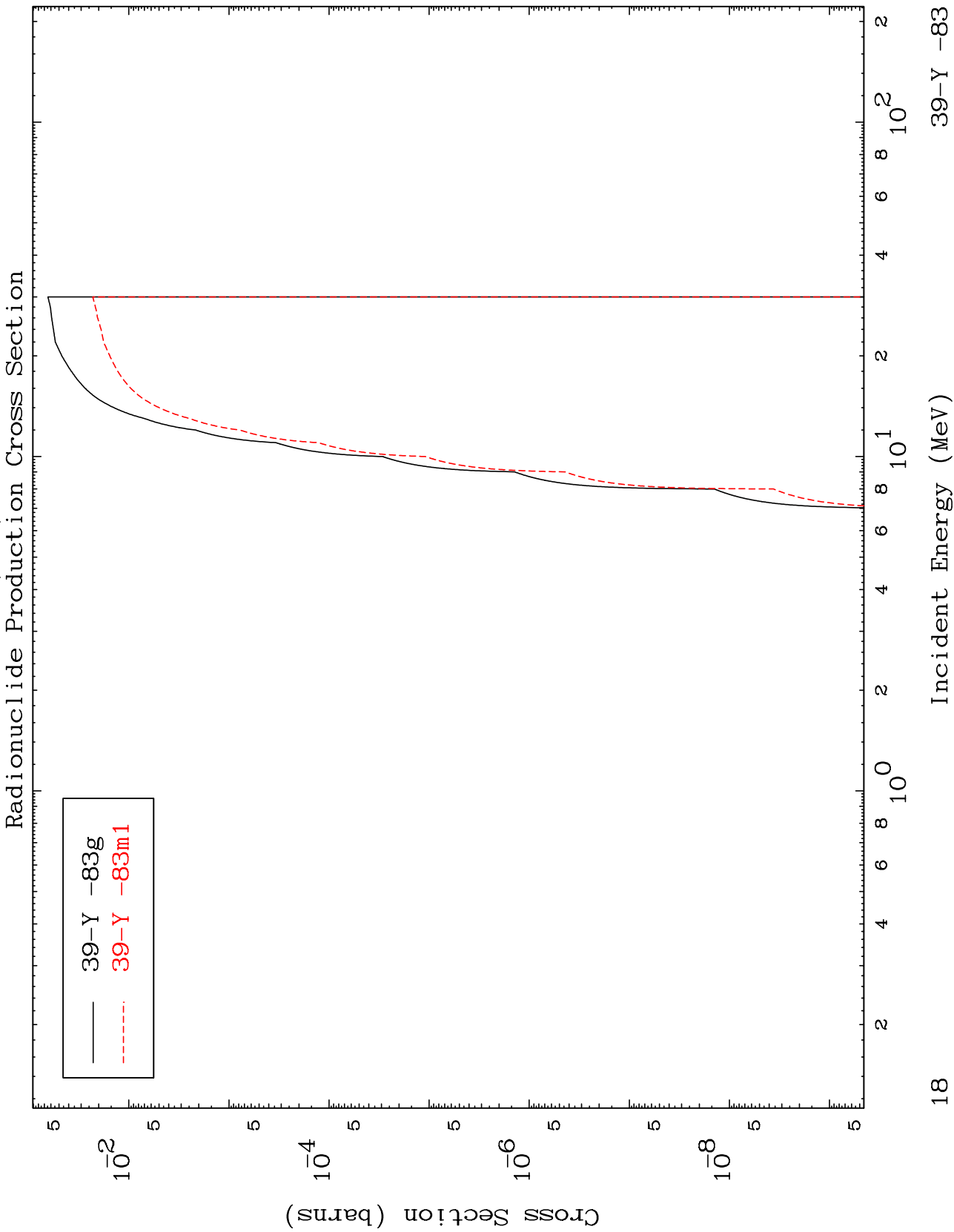
39-Y -83

Radionuclide Production Cross Section
(n,He-3)



MAT 3907

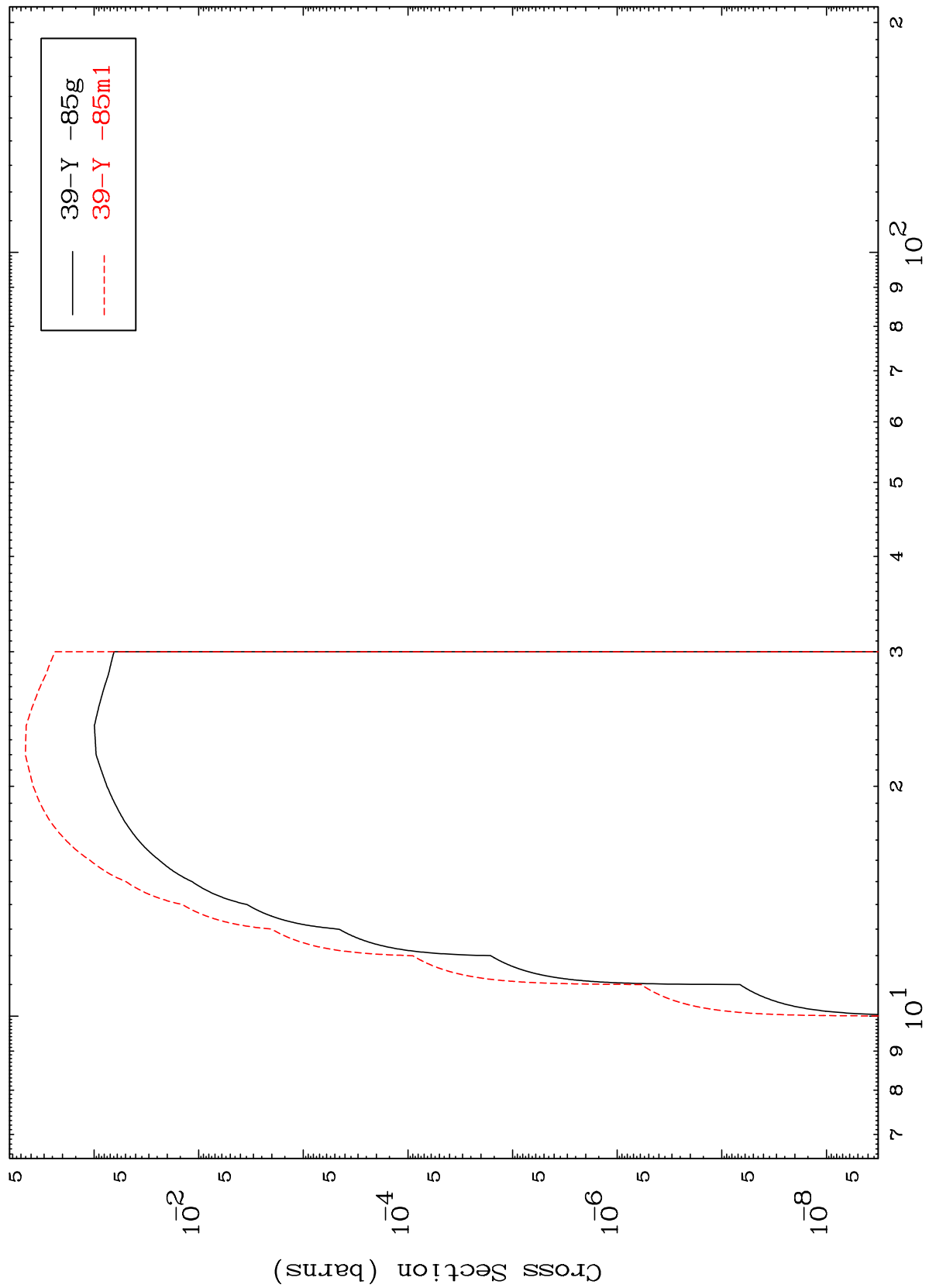
39-Y -83



MAT 3907

39-Y -83

(n,2p)
Radionuclide Production Cross Section

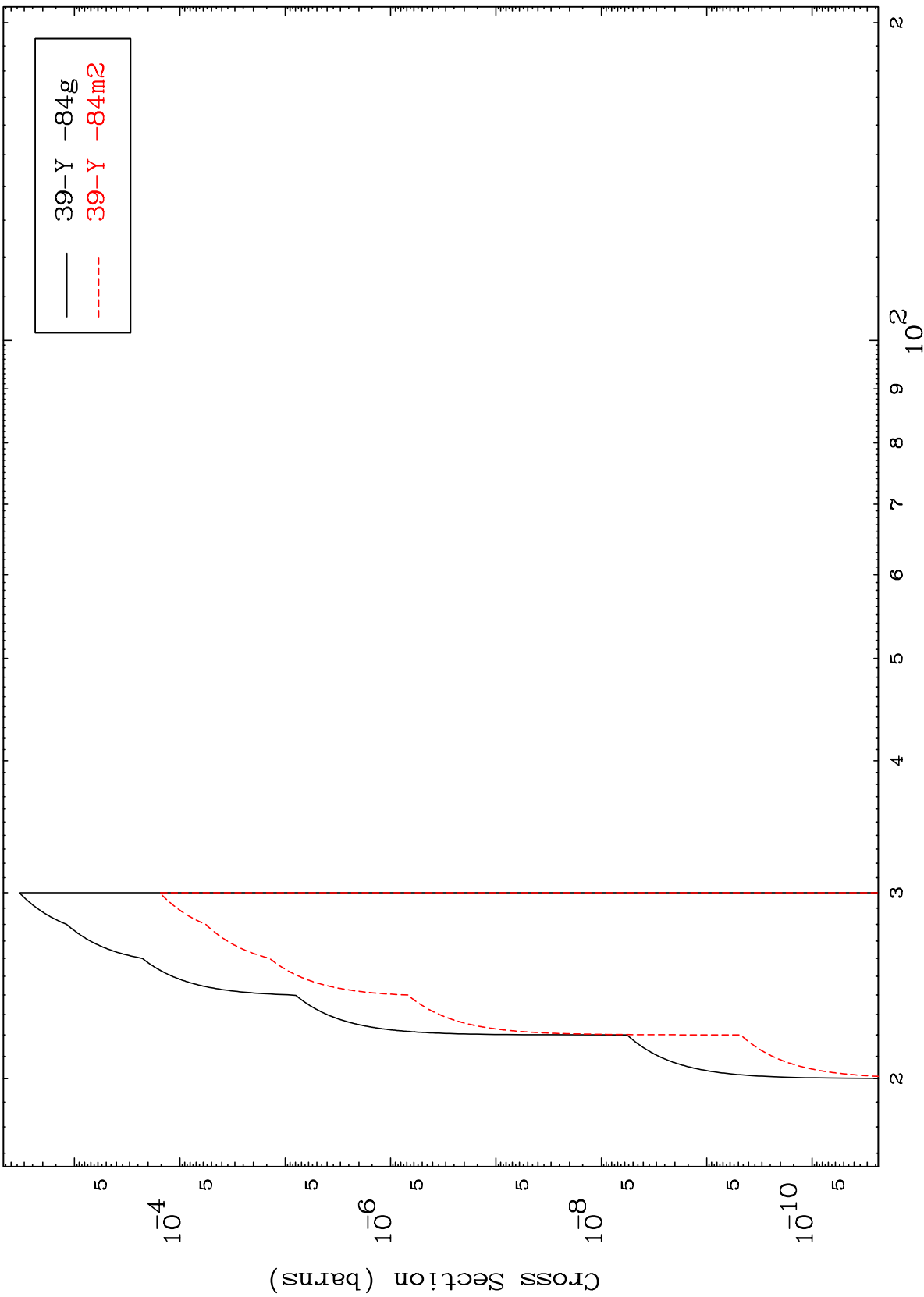


19

Incident Energy (MeV)

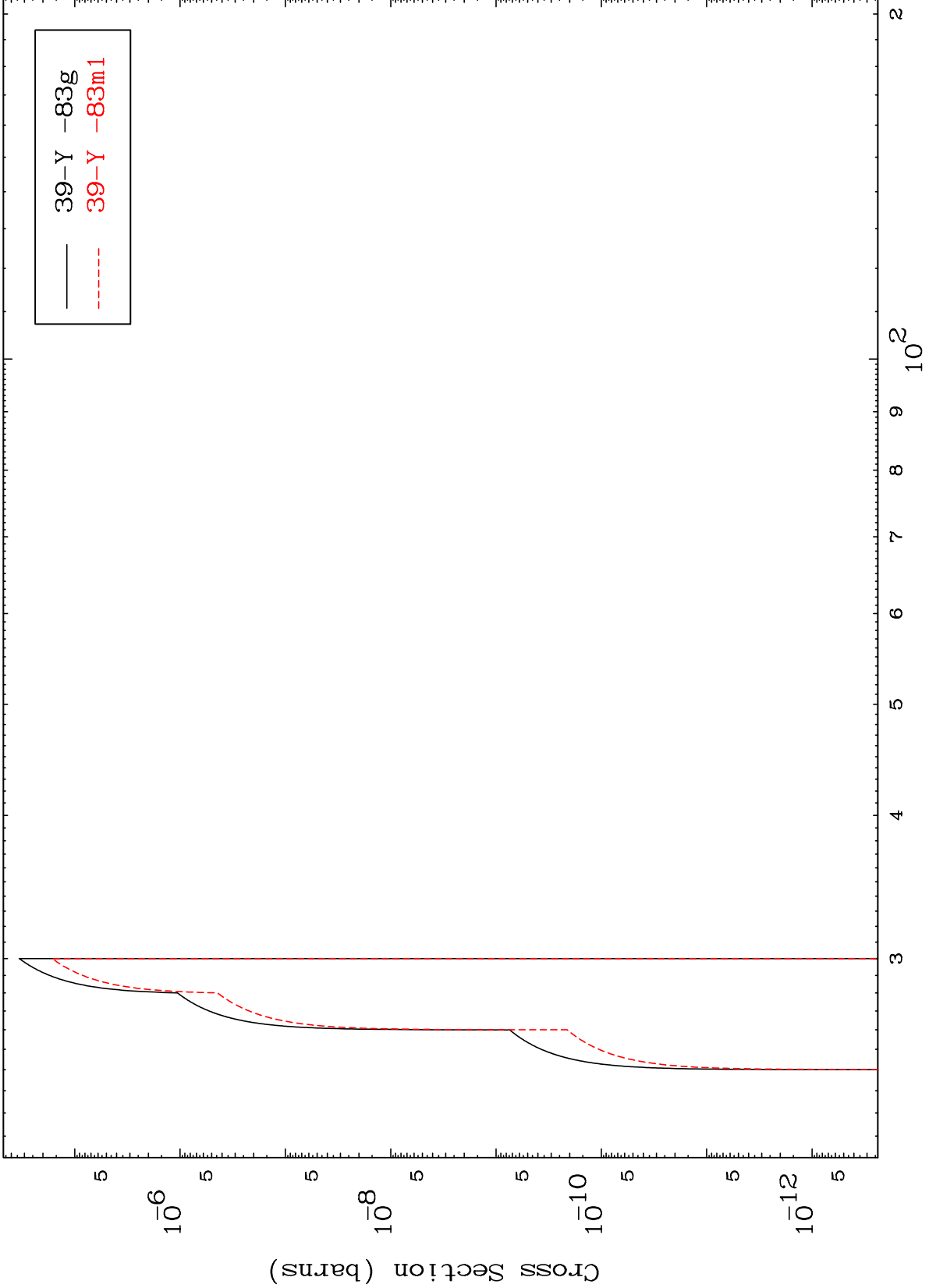
39-Y -83

Radionuclide Production Cross Section



39-Y -84g
39-Y -84m2

Radionuclide Production Cross Section



39-Y -83g
39-Y -83m1