

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

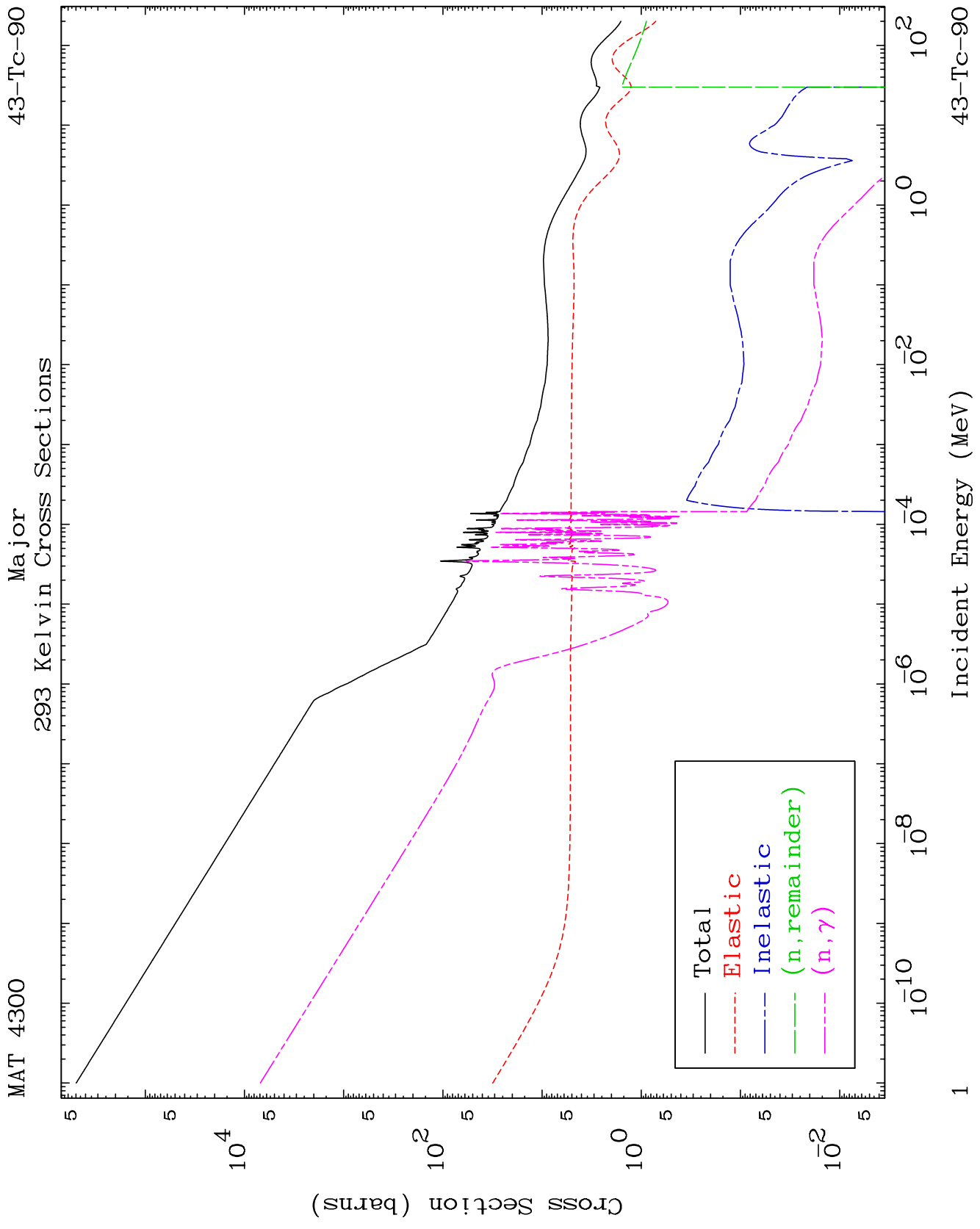
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

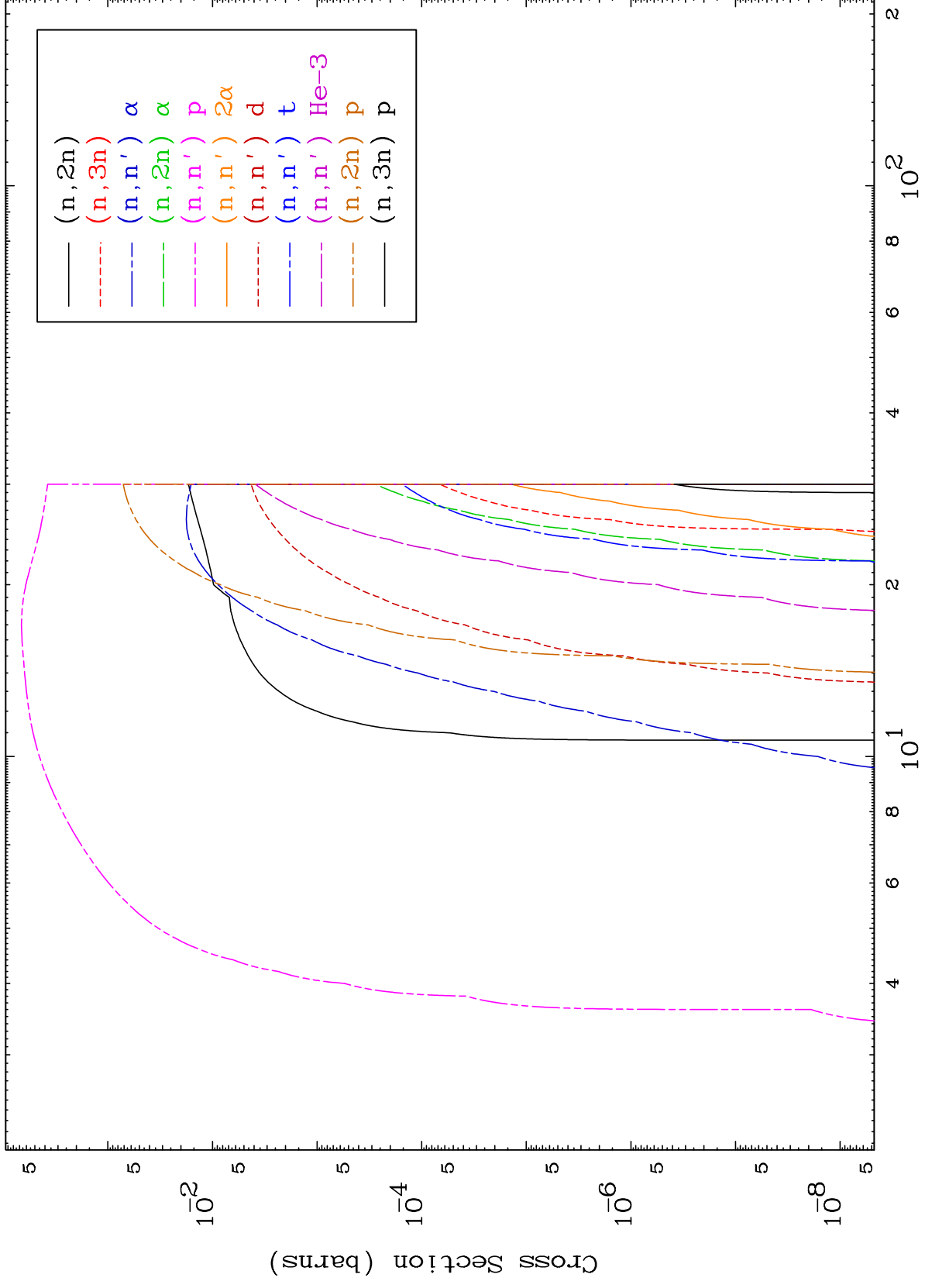
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

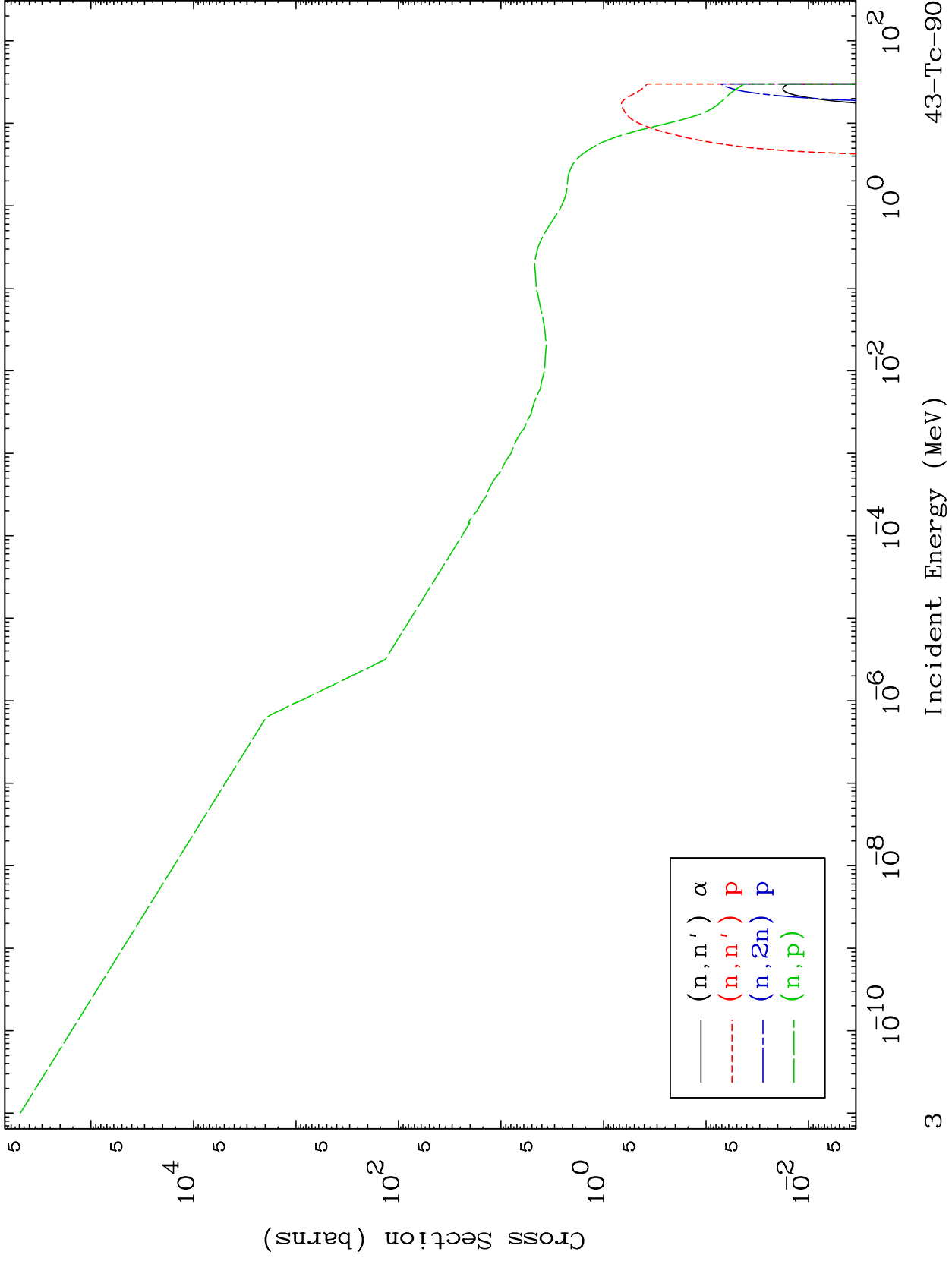


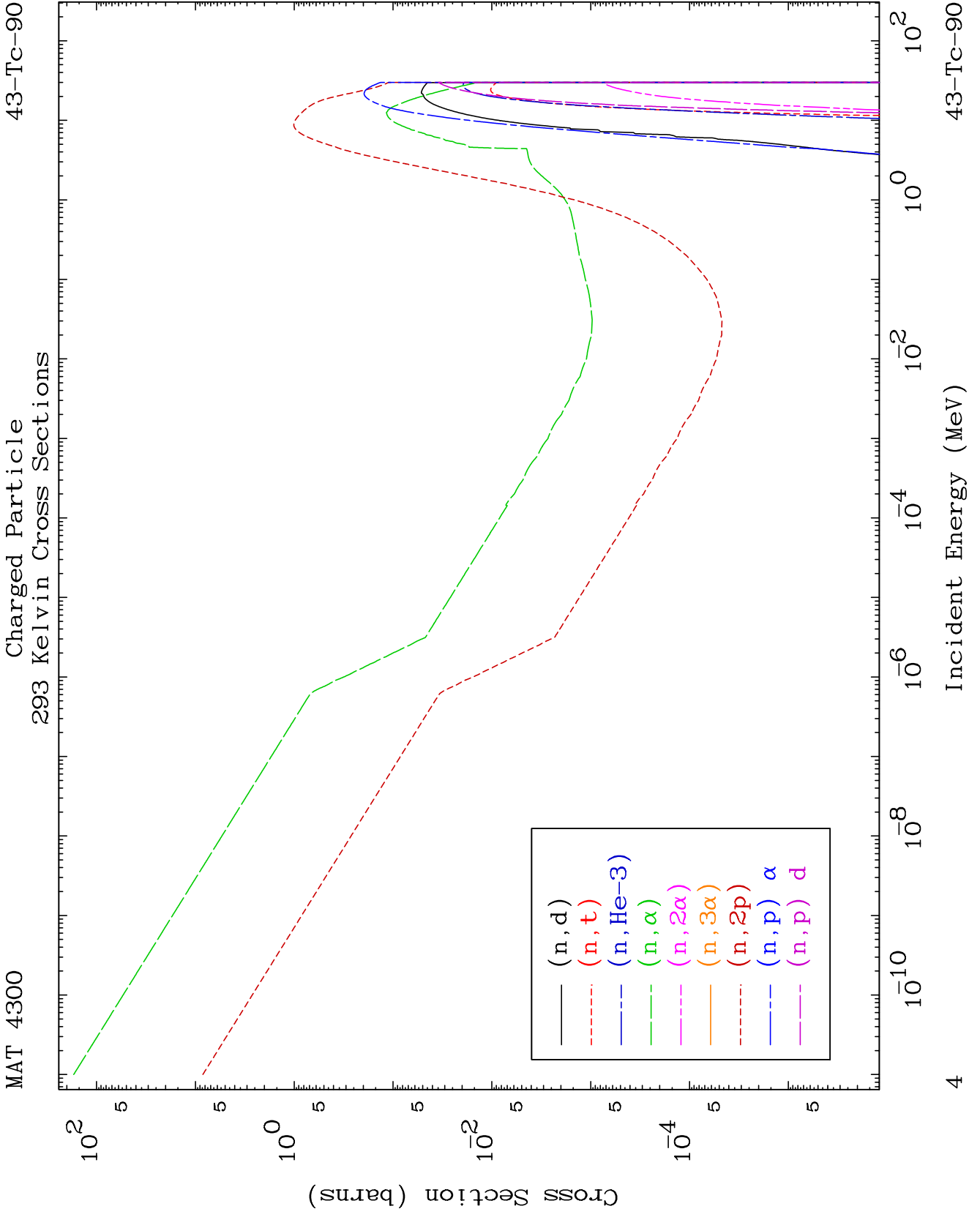


MAT 4300

Charged Particle
293 Kelvin Cross Sections

43-Tc-90

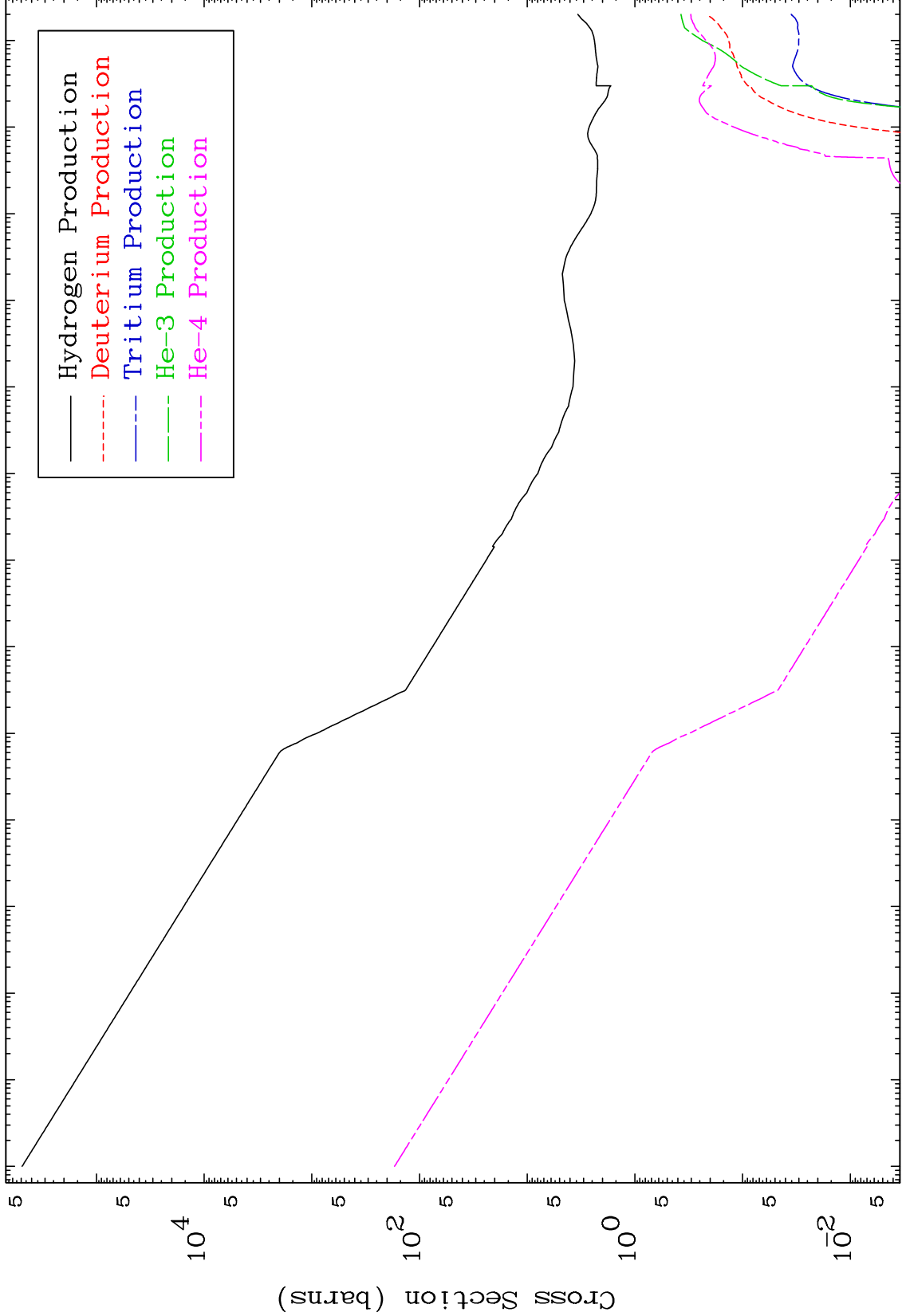




MAT 4300

Particle Production
293 Kelvin Cross Sections

43-Tc-90



5

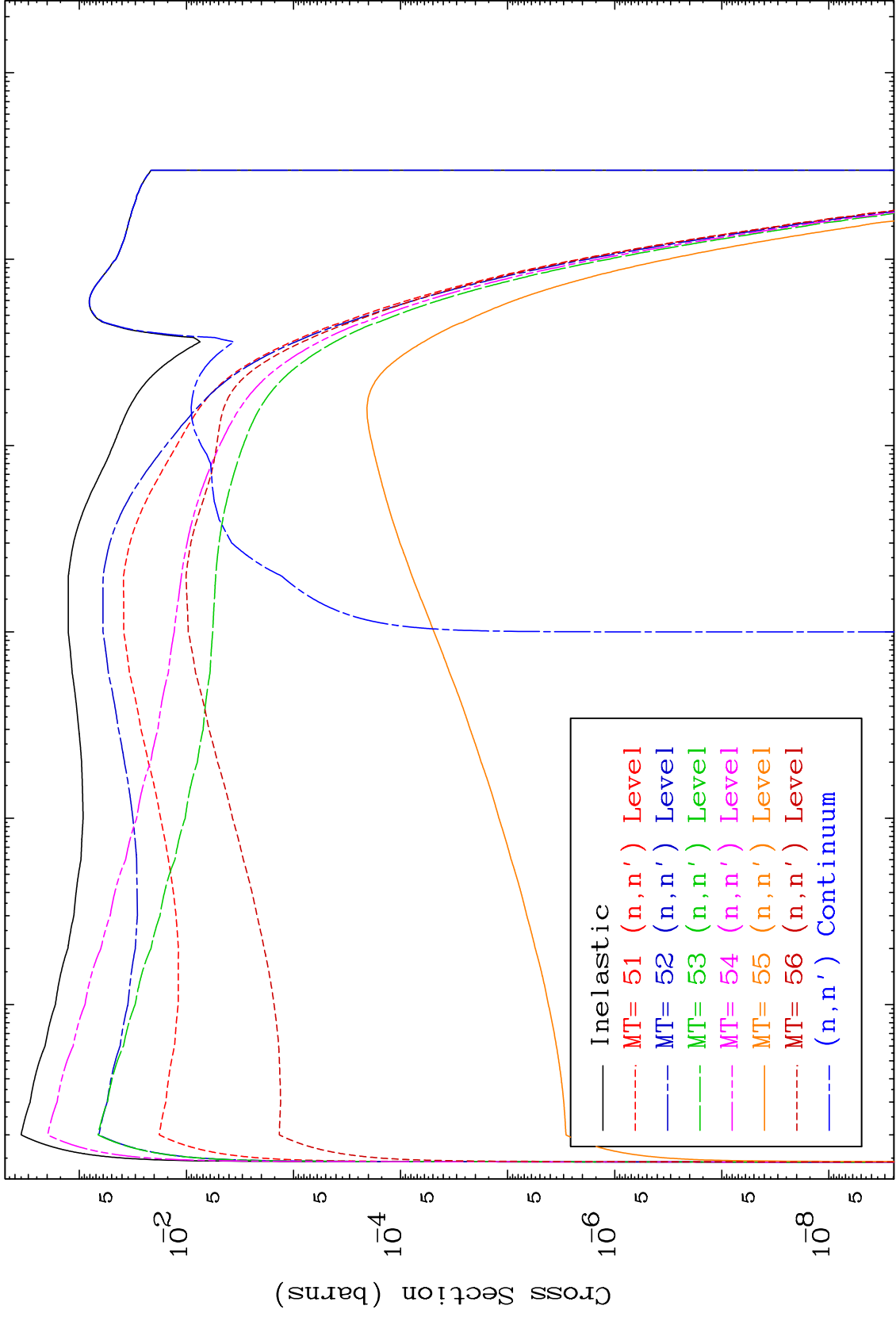
Incident Energy (MeV)

43-Tc-90

MAT 4300

(n,n') Level
293 Kelvin Cross Sections

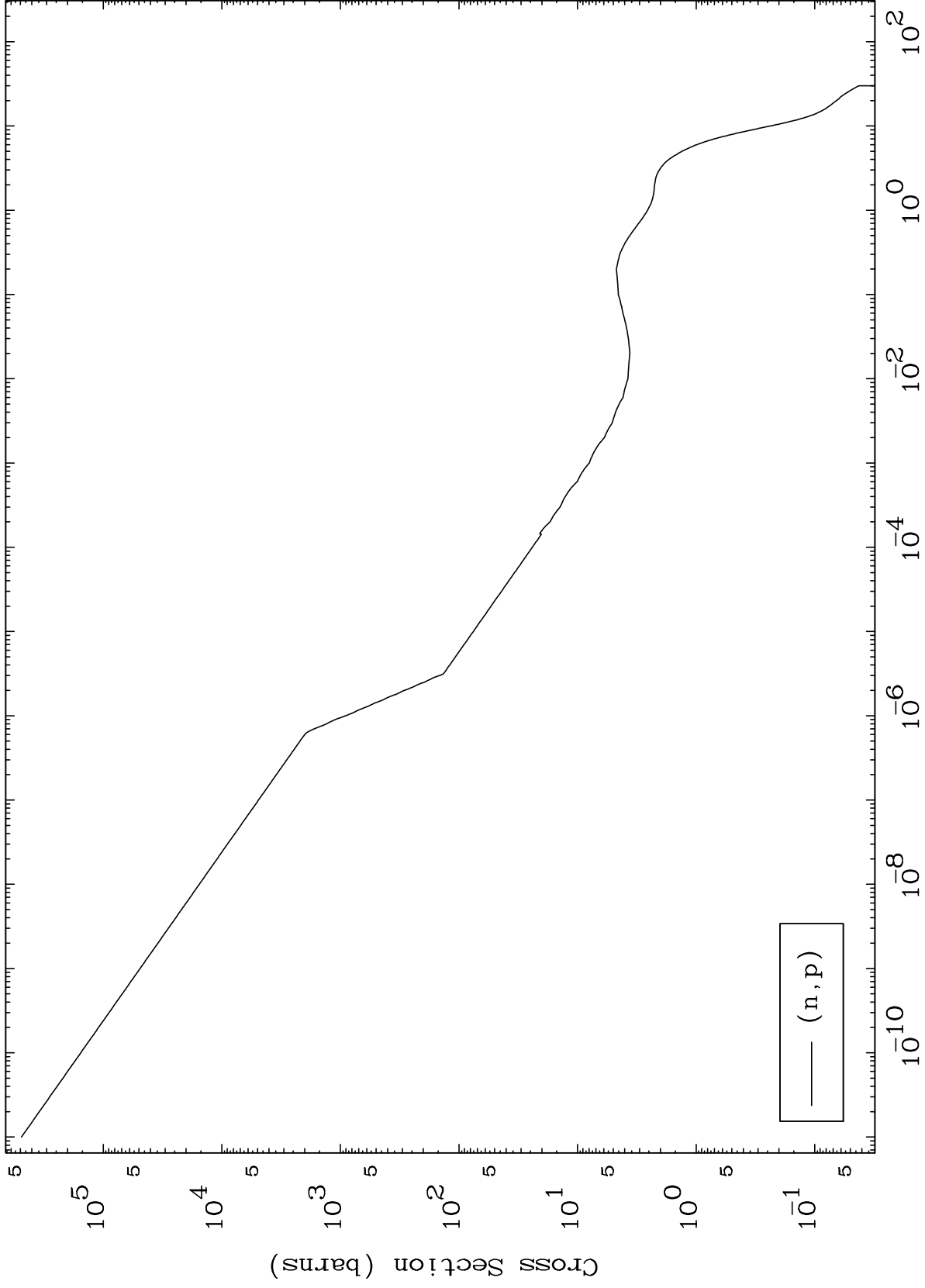
43-Tc-90



MAT 4300

(n,p) Levels
293 Kelvin Cross Sections

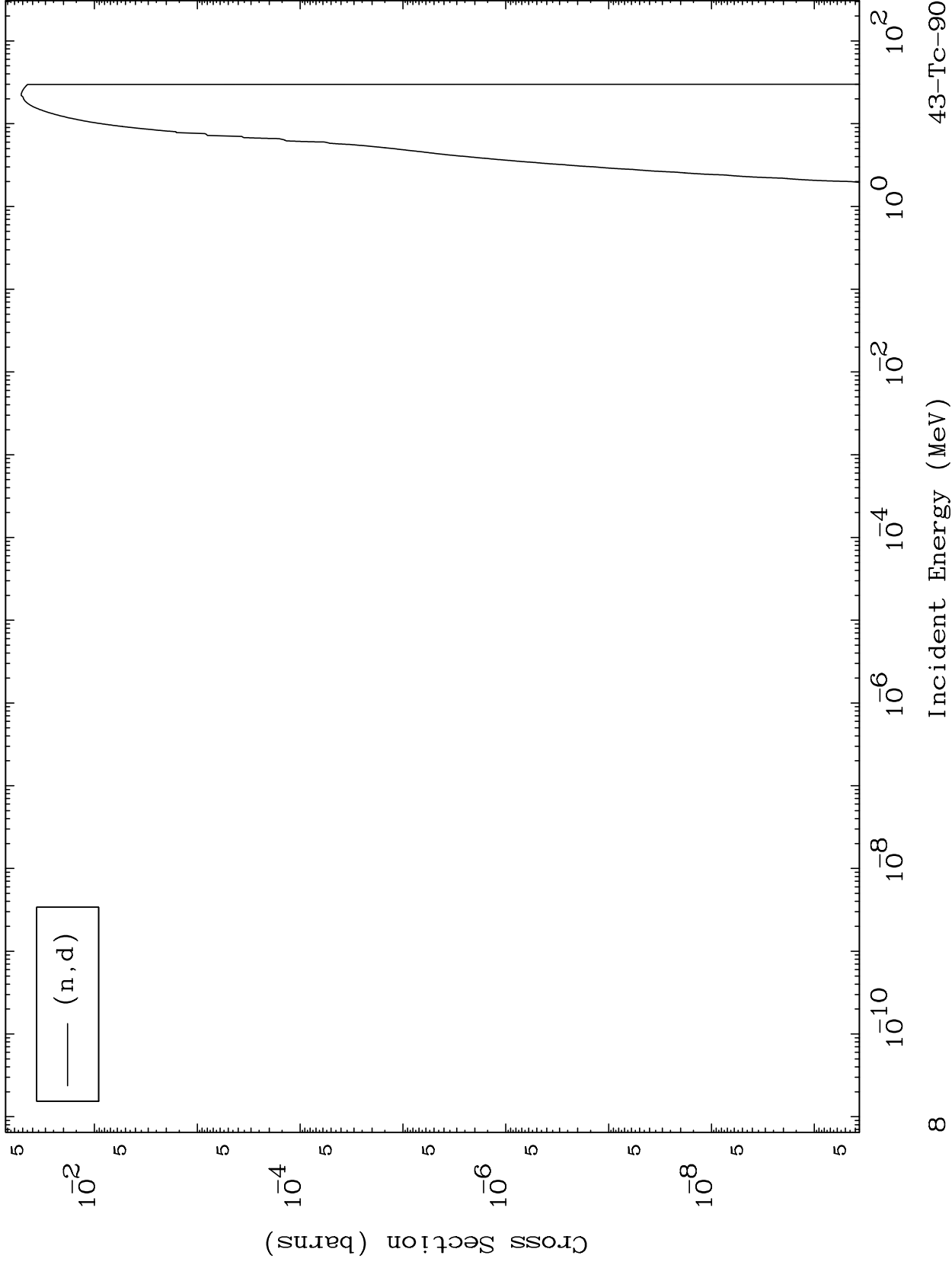
43-Tc-90



MAT 4300

(n,d) Levels
293 Kelvin Cross Sections

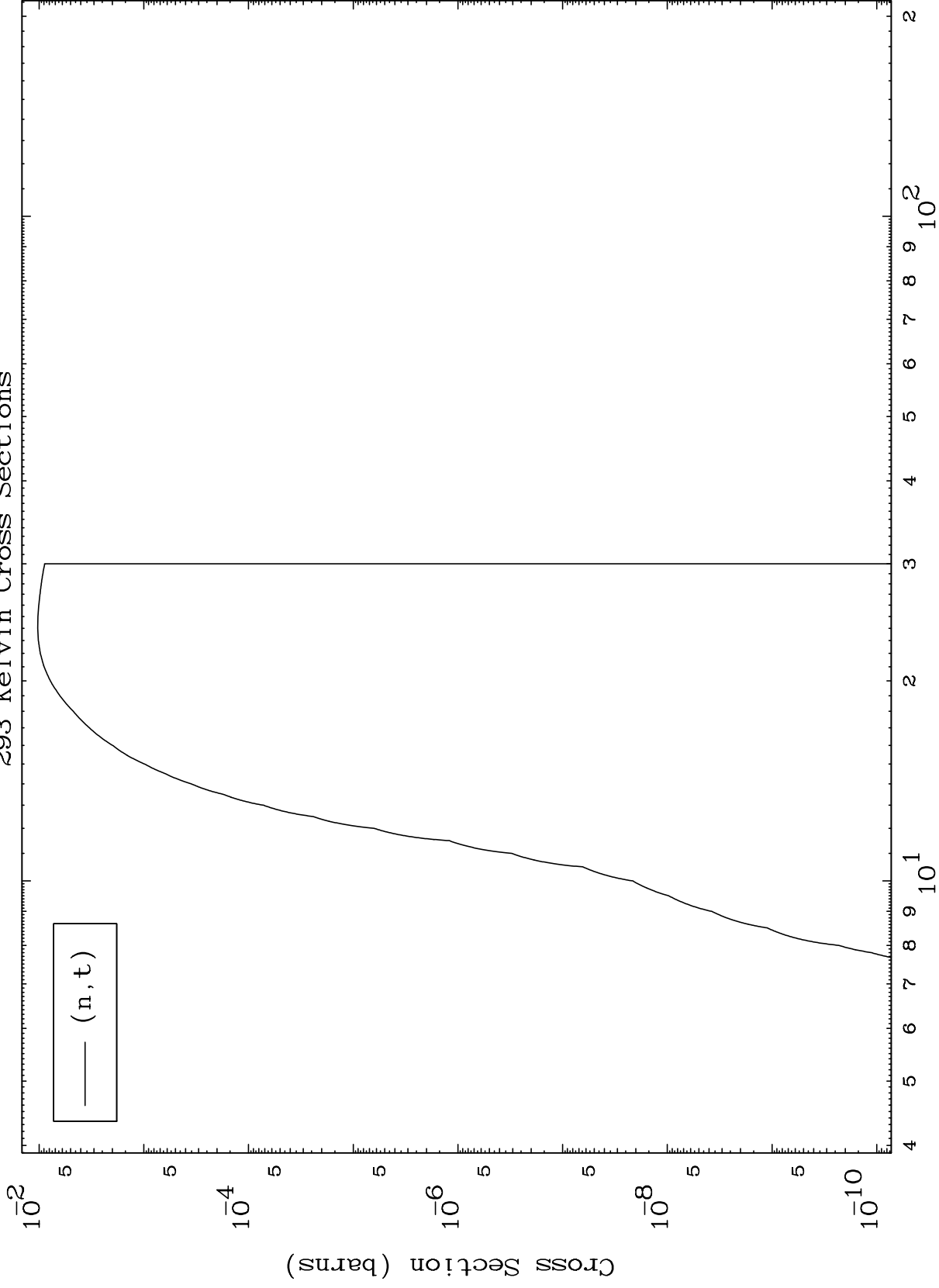
43-Tc-90



MAT 4300

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-90



9

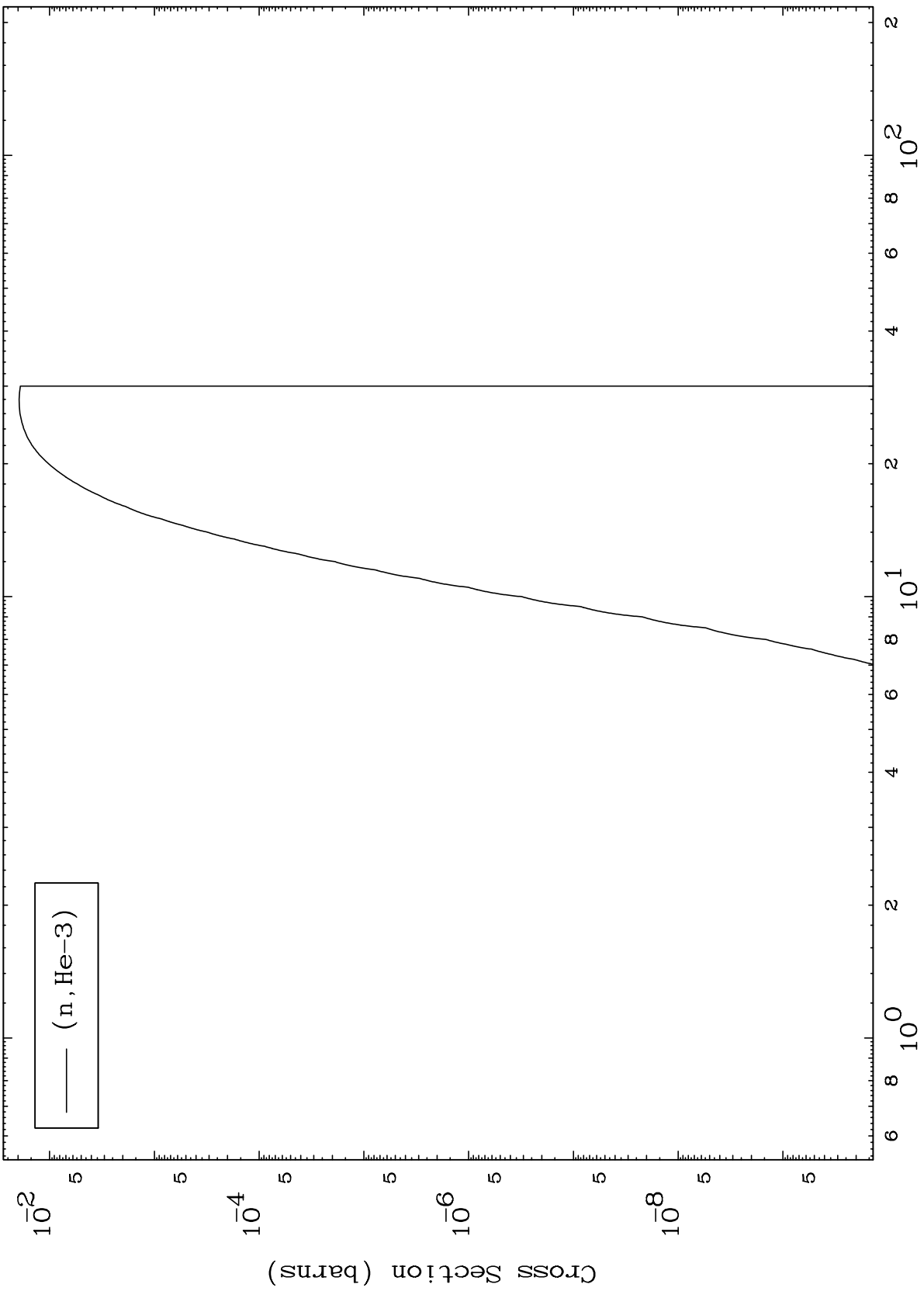
Incident Energy (MeV)

43-Tc-90

MAT 4300

(n,He3) Levels
293 Kelvin Cross Sections

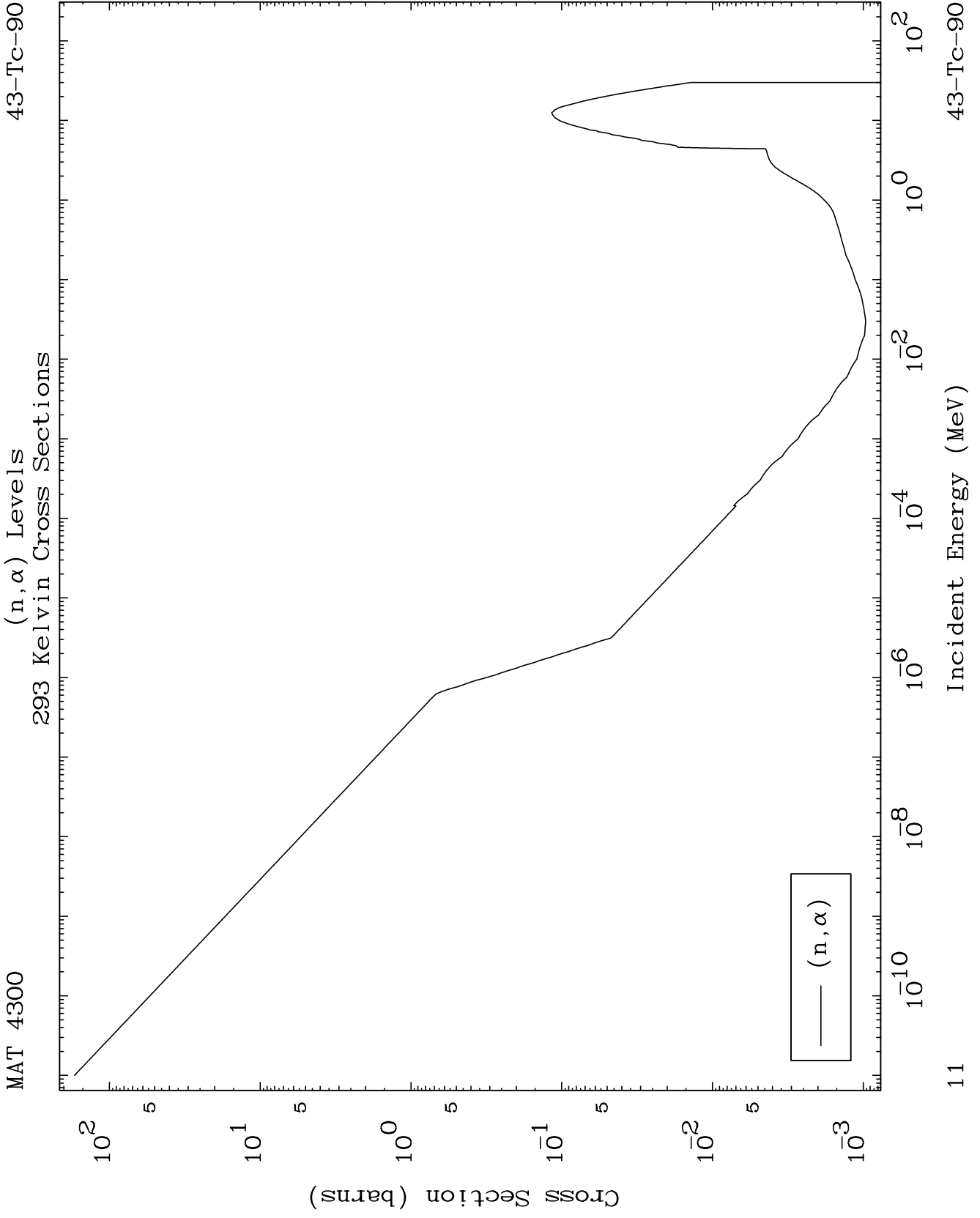
43-Tc-90

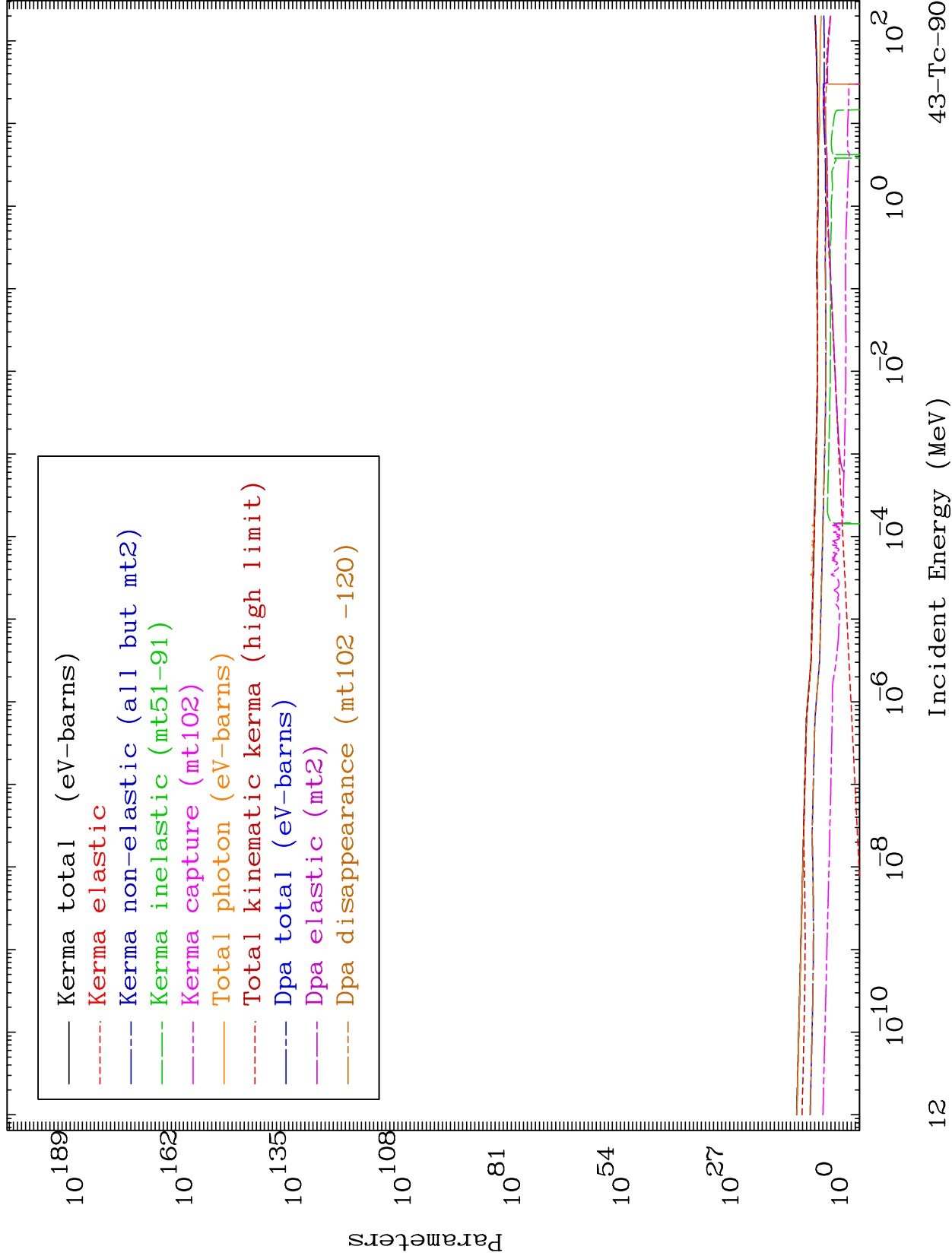


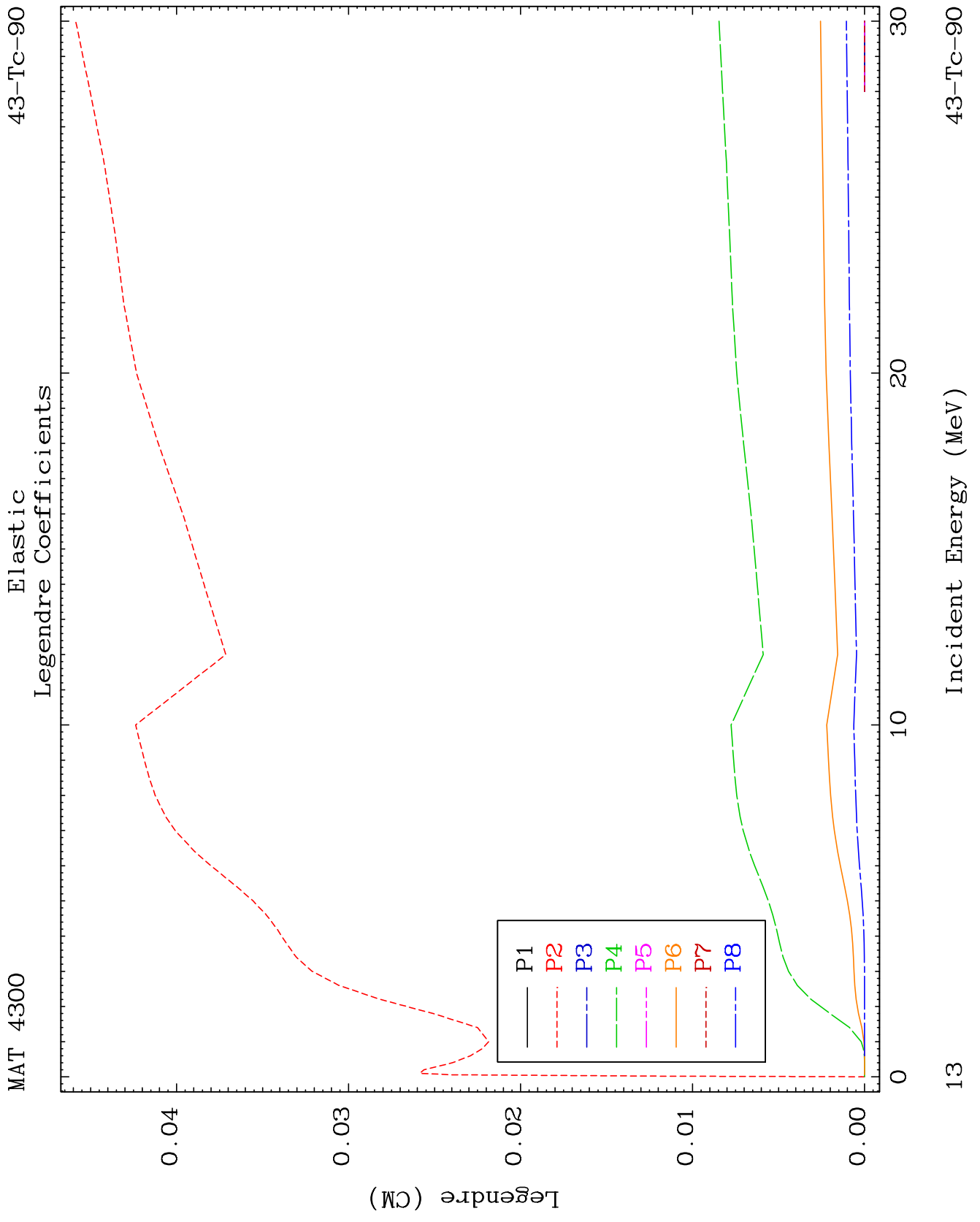
(n, He-3)

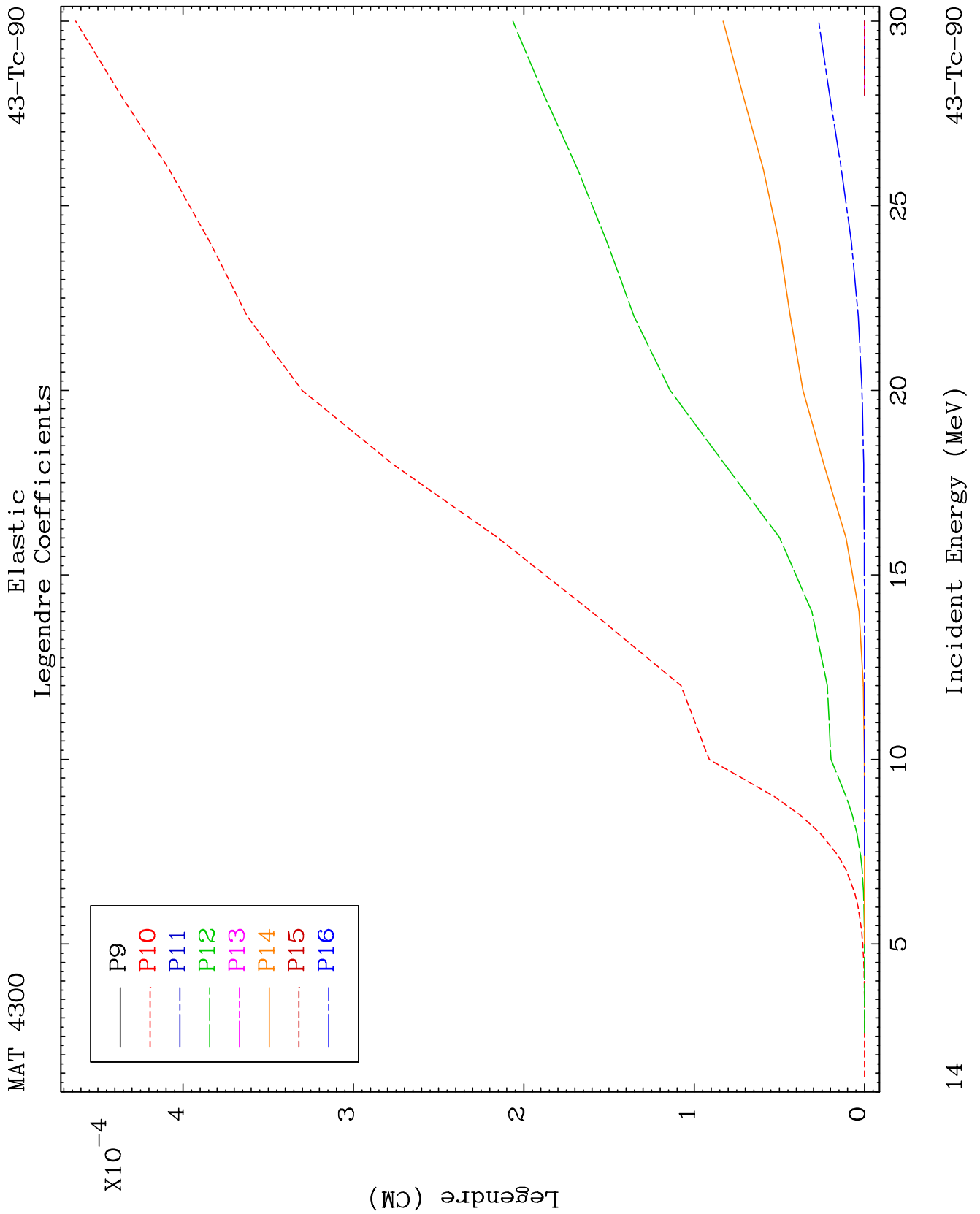
Incident Energy (MeV)

43-Tc-90





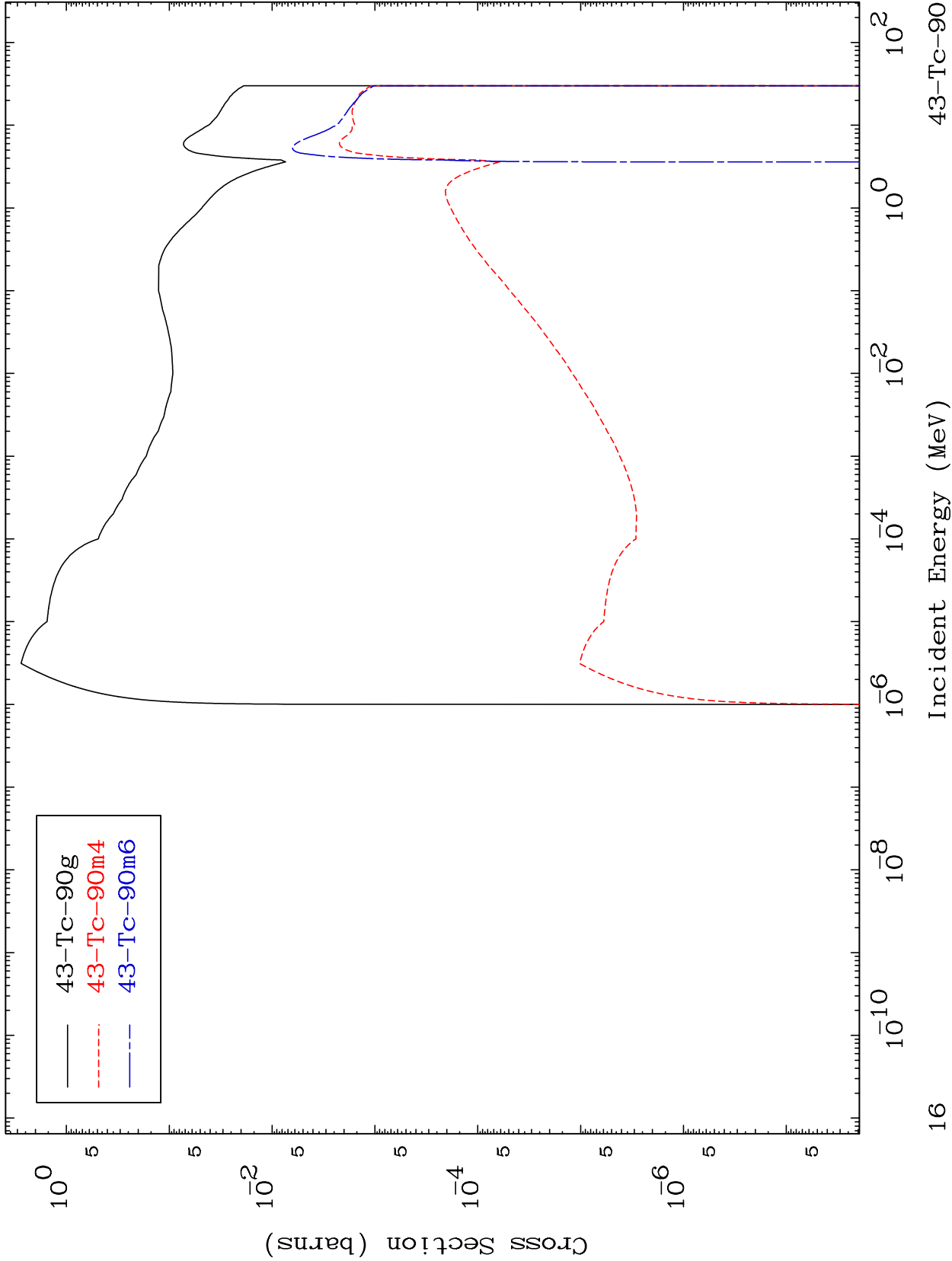




MAT 4300

Inelastic
Radionuclide Production Cross Section

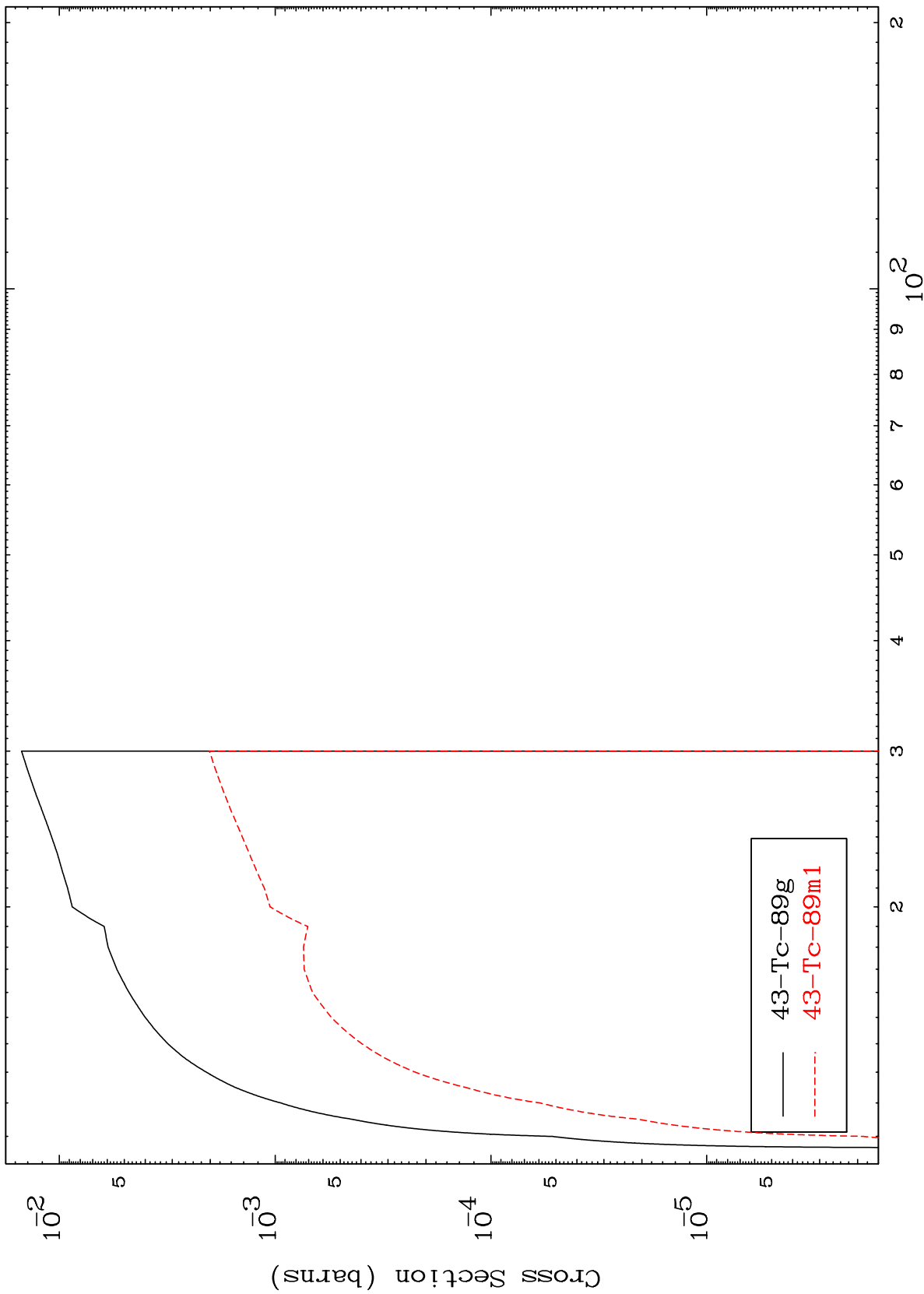
43-Tc-90



MAT 4300

43-Tc-90

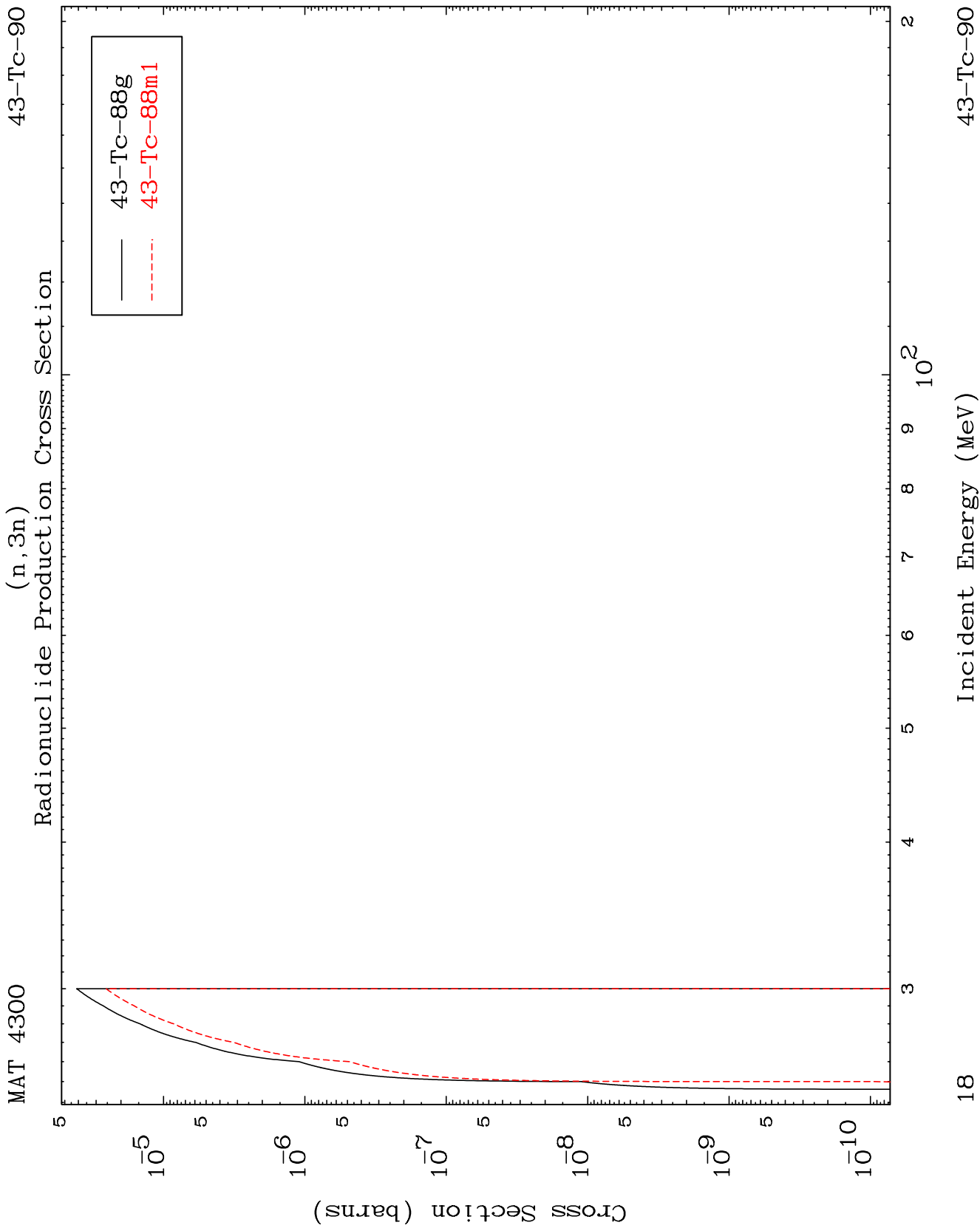
(n,2n)
Radionuclide Production Cross Section



43-Tc-90

Incident Energy (MeV)

17

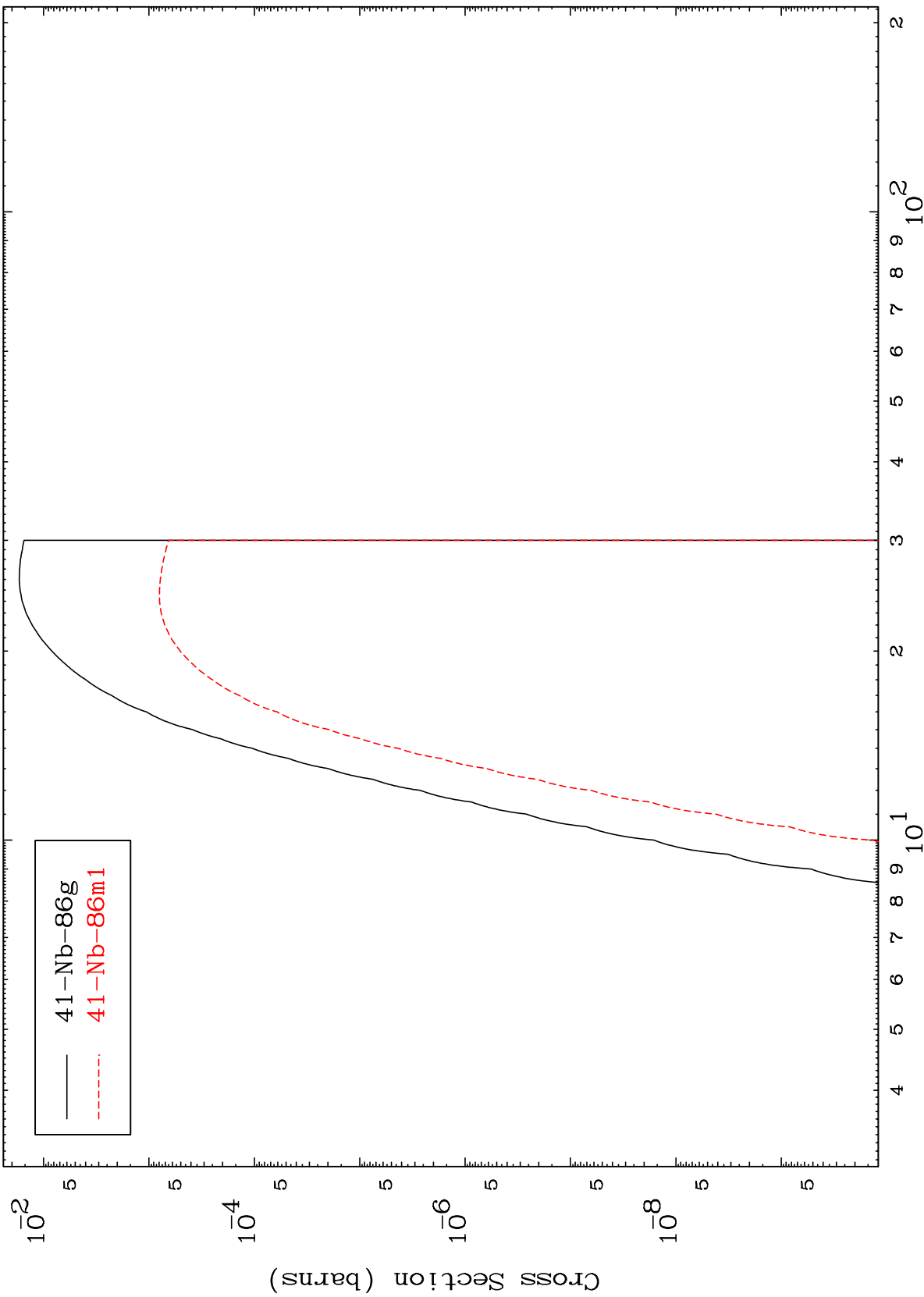


MAT 4300

(n,n') α

43-Tc-90

Radionuclide Production Cross Section

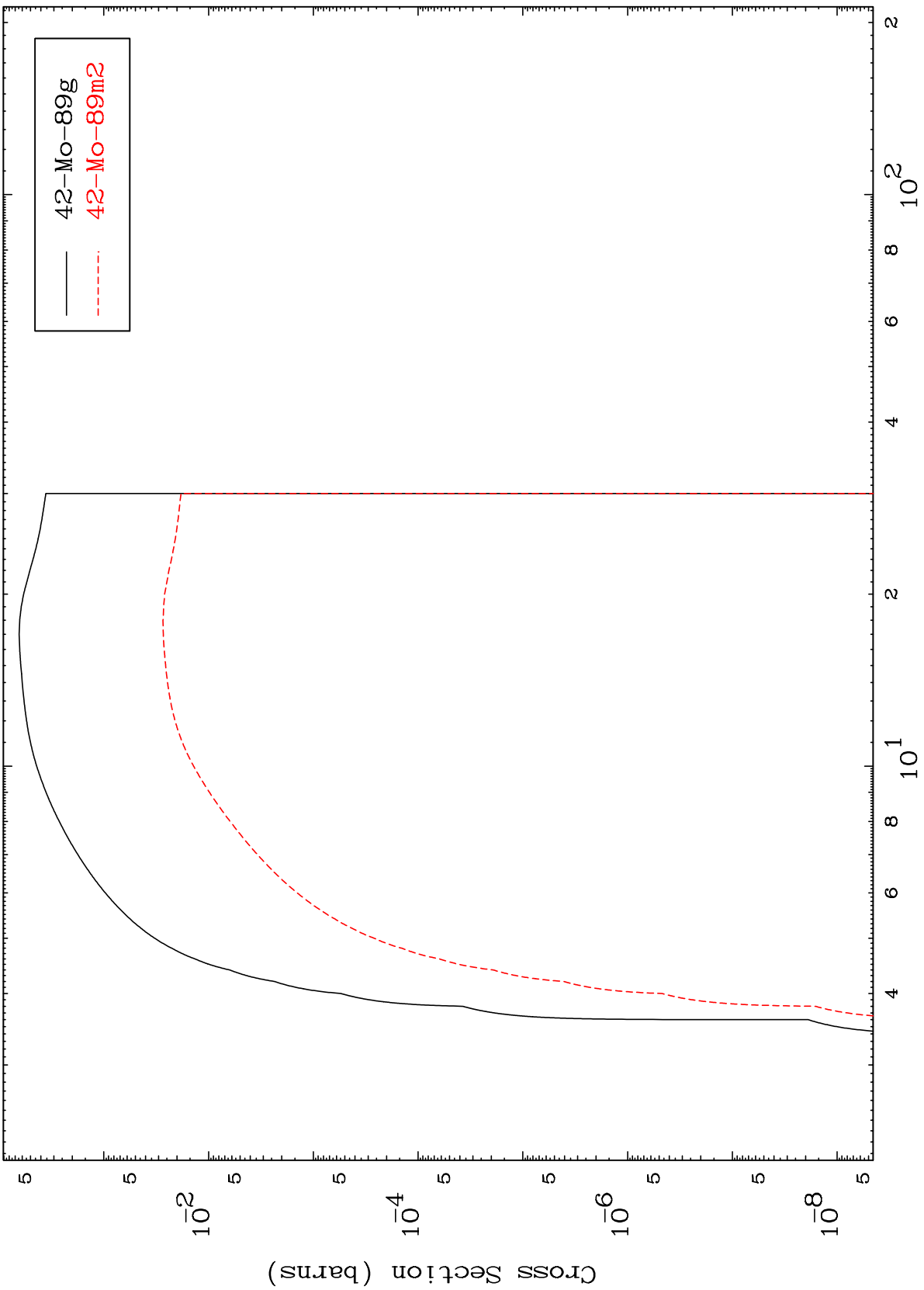


MAT 4300

(n,n') p

43-Tc-90

Radionuclide Production Cross Section



20

Incident Energy (MeV)

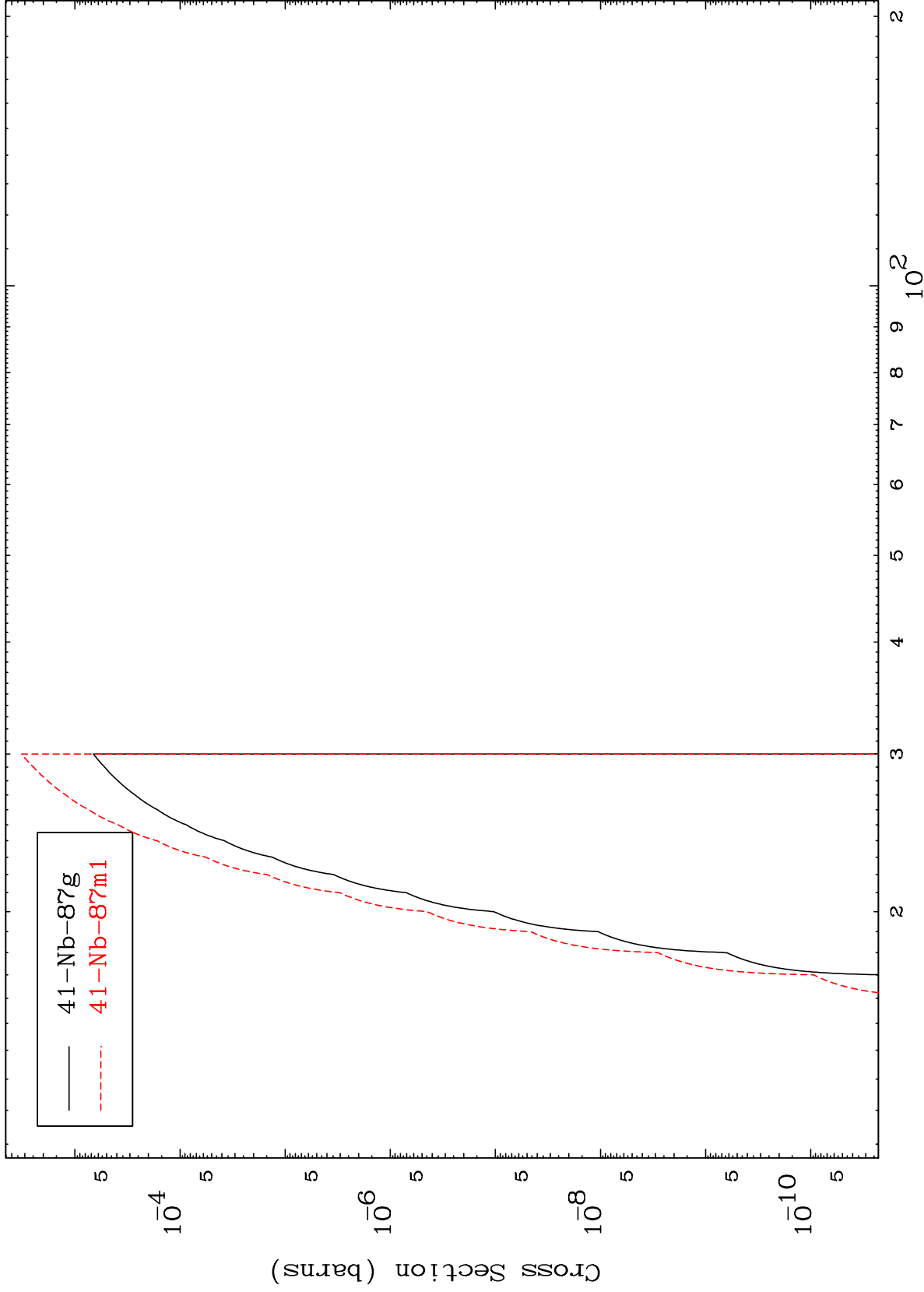
43-Tc-90

MAT 4300

(n,n') He-3

43-Tc-90

Radionuclide Production Cross Section

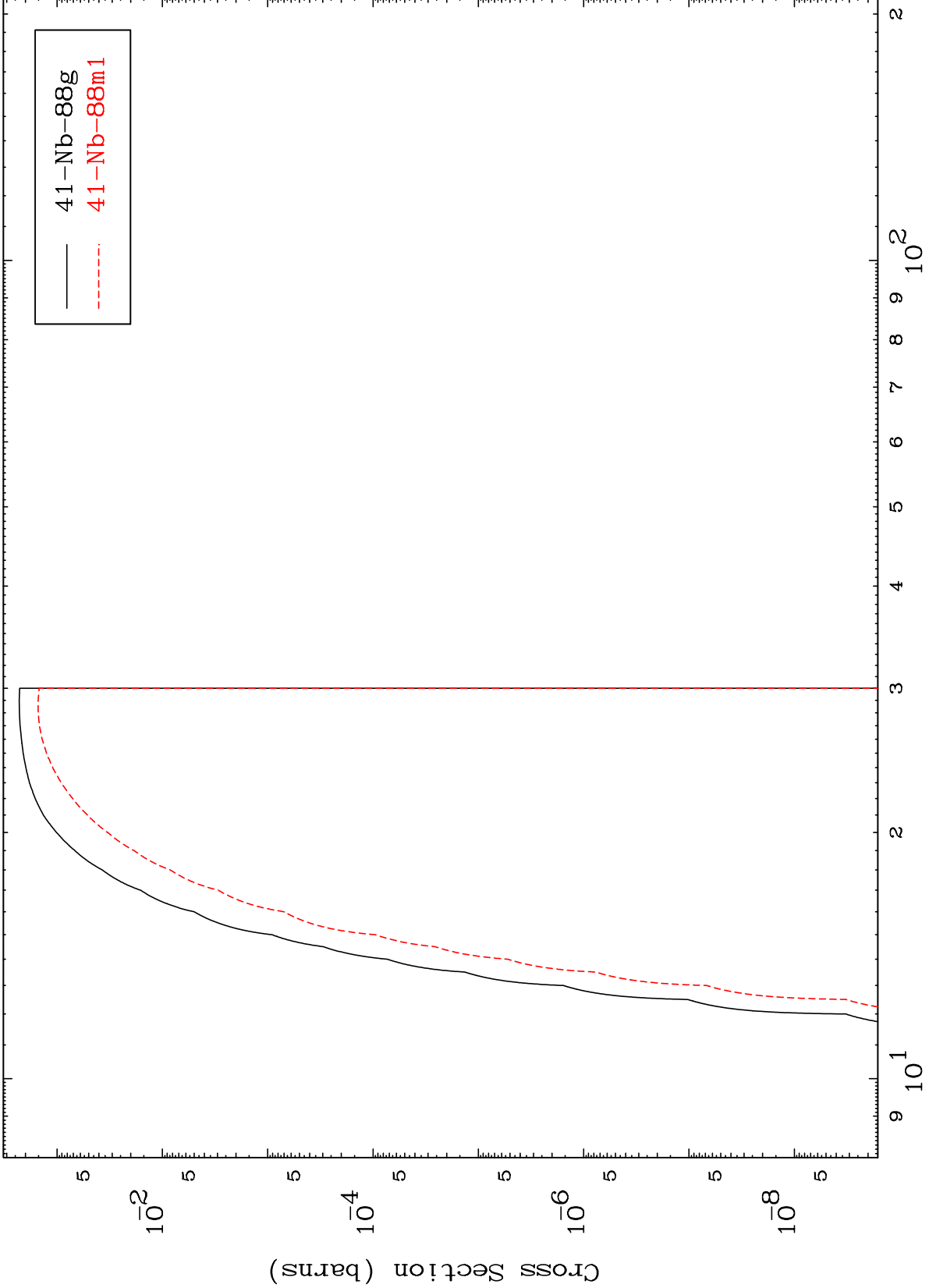


MAT 4300

(n,2n) p

43-Tc-90

Radionuclide Production Cross Section



22

Incident Energy (MeV)

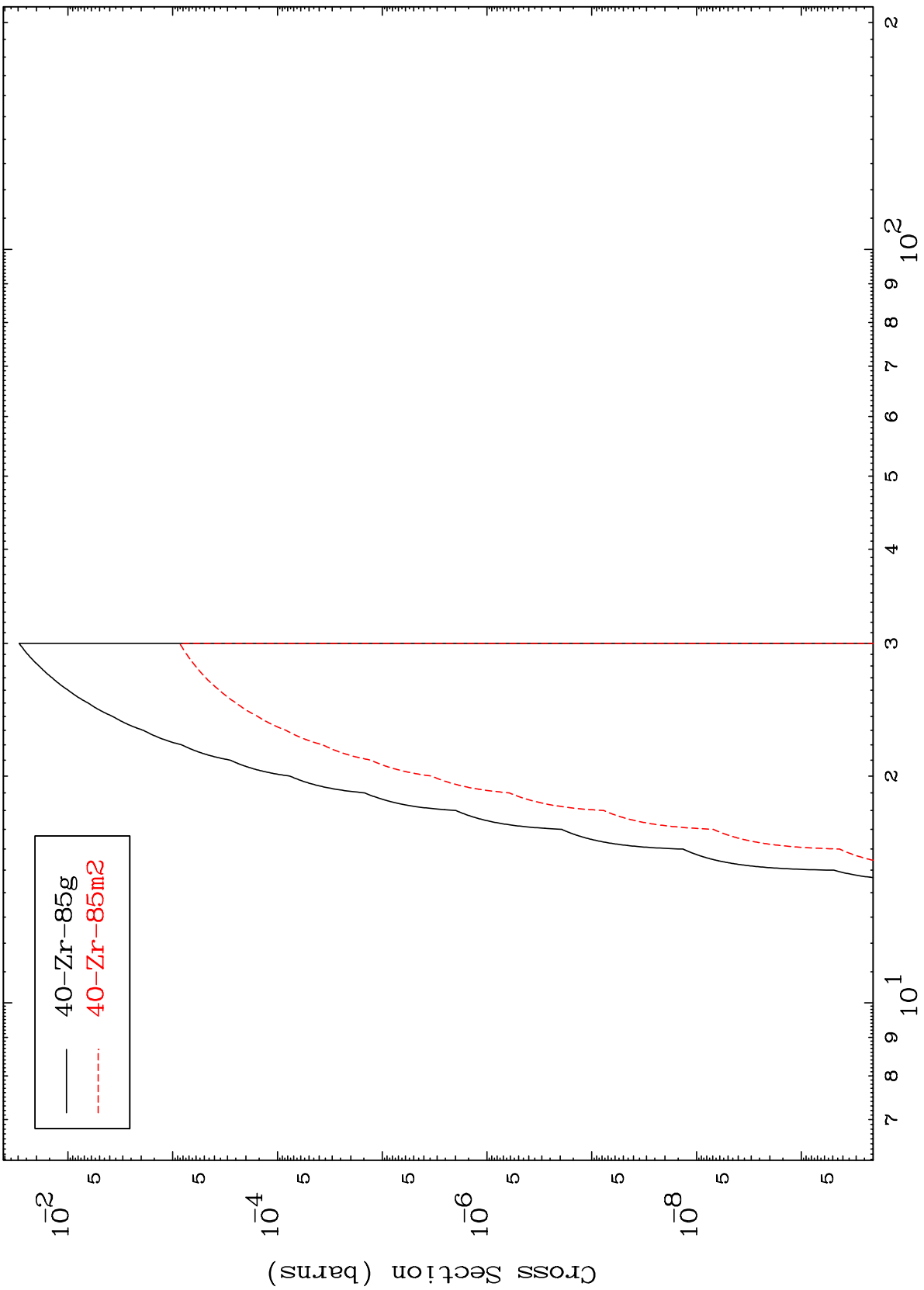
43-Tc-90

MAT 4300

(n,n') p α

43-Tc-90

Radionuclide Production Cross Section

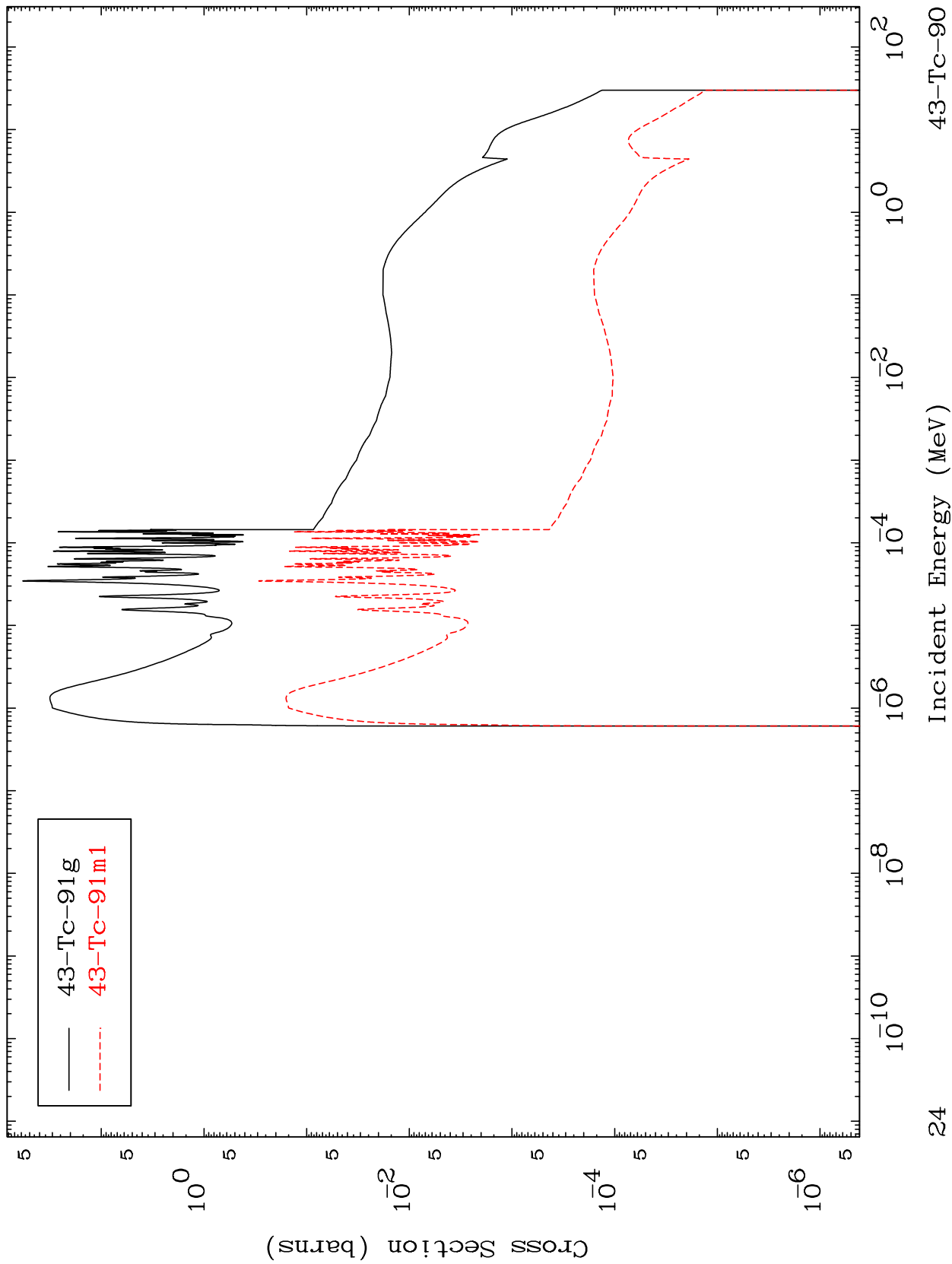


— 40-Zr-85g
- - - 40-Zr-85m2

MAT 4300

43-Tc-90

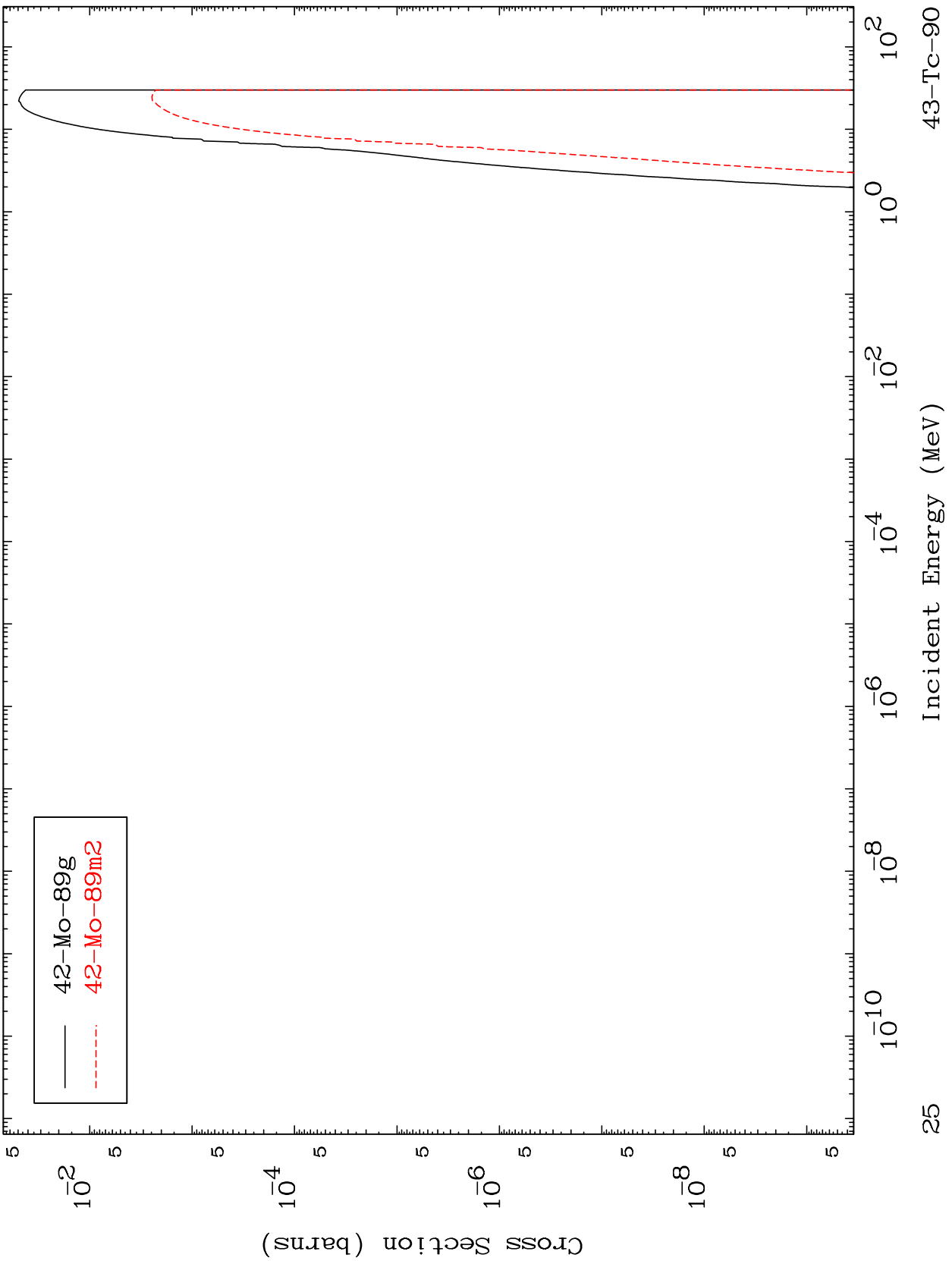
Radionuclide Production Cross Section



MAT 4300

(n,d)
Radionuclide Production Cross Section

43-Tc-90

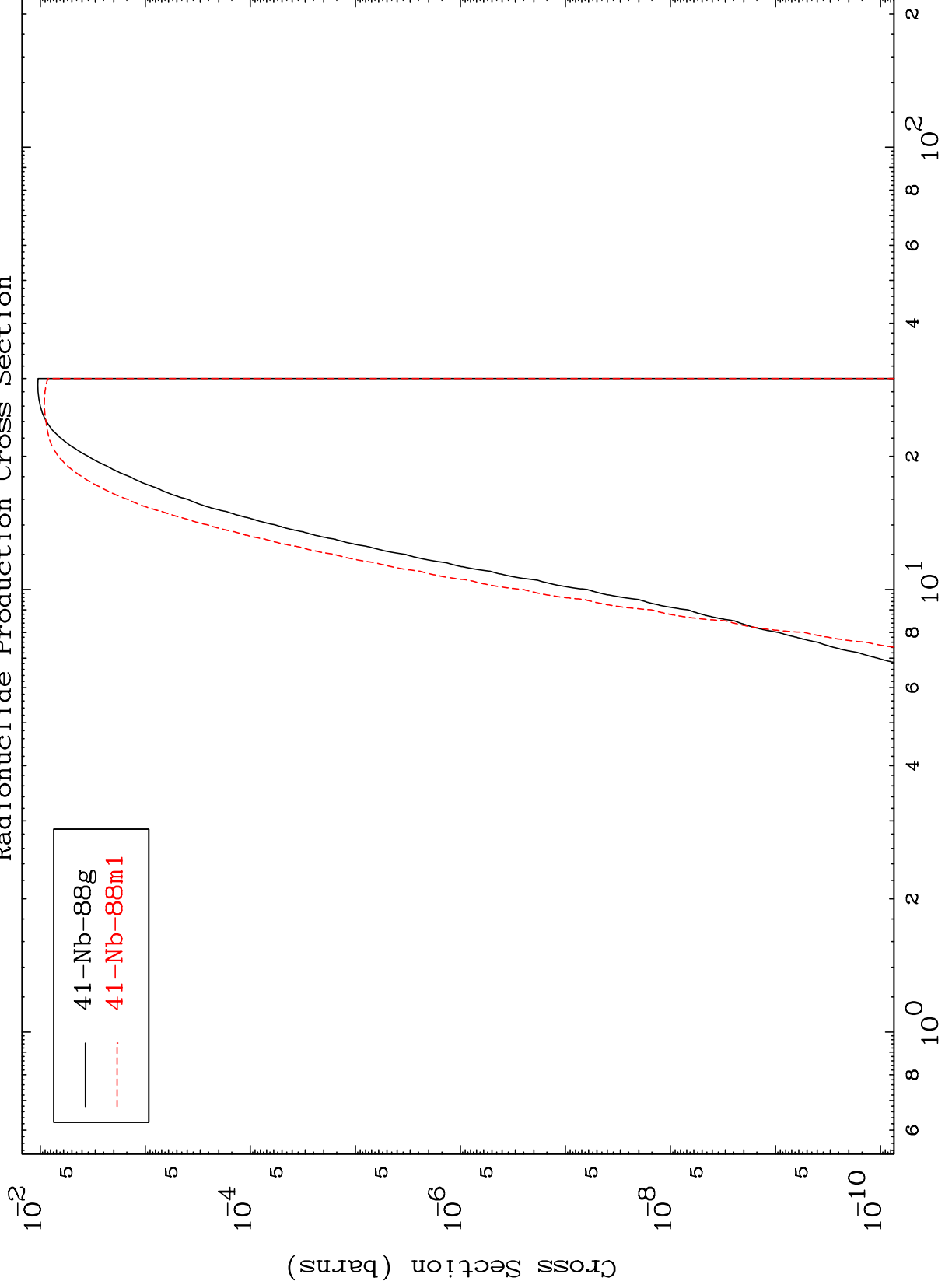


MAT 4300

(n,He-3)

43-Tc-90

Radionuclide Production Cross Section



26

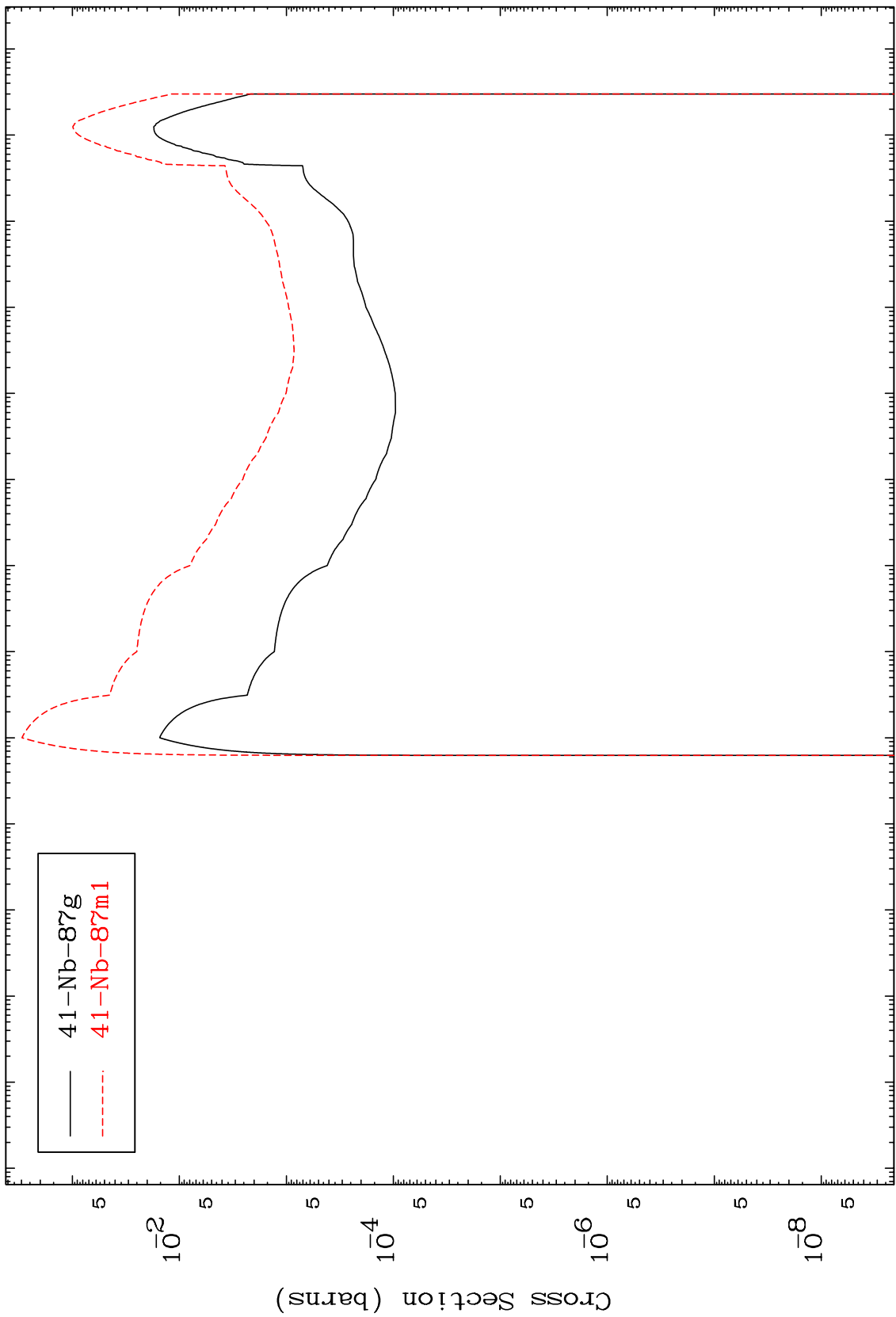
Incident Energy (MeV)

43-Tc-90

MAT 4300

43-Tc-90

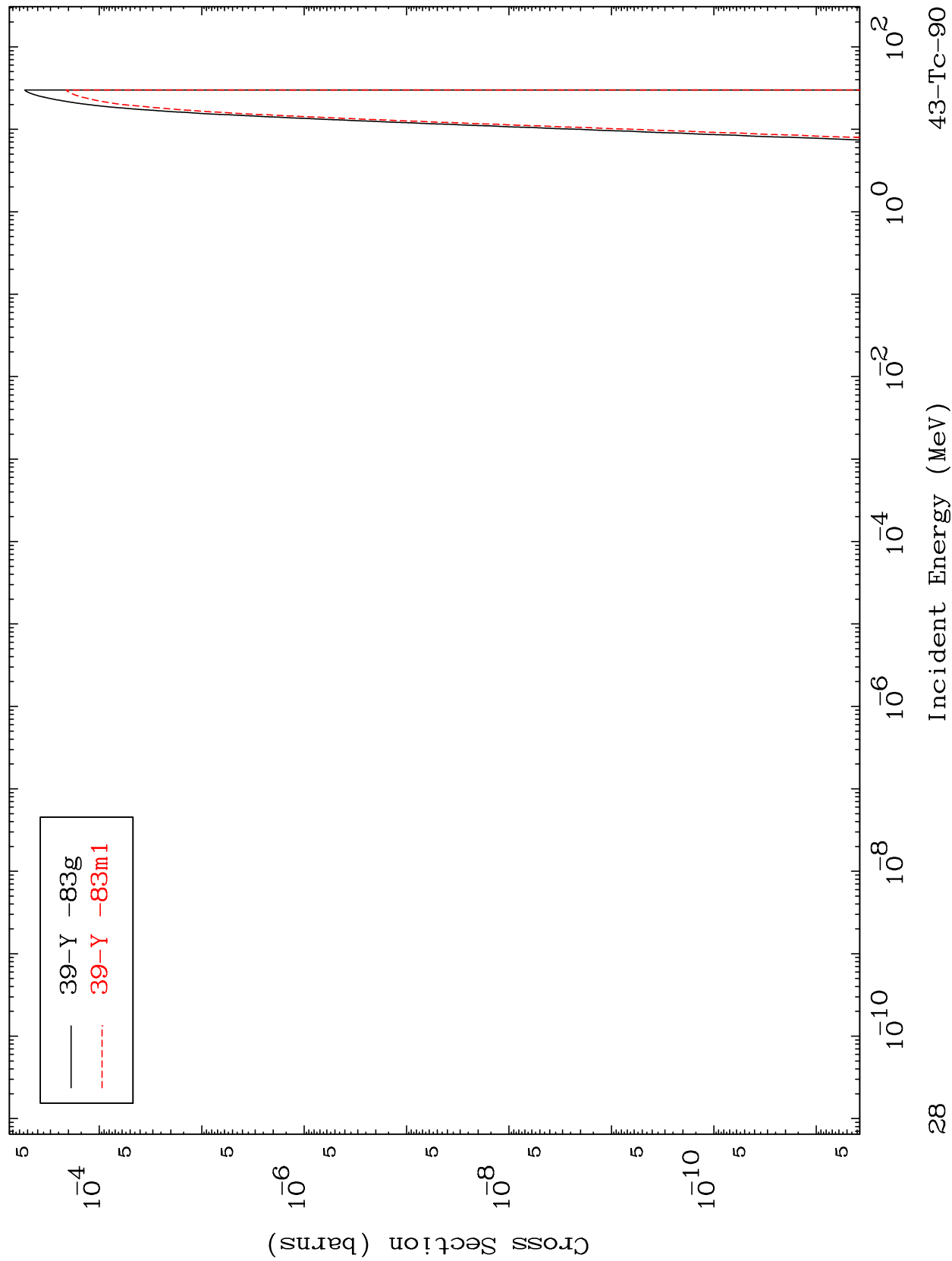
Radionuclide Production Cross Section

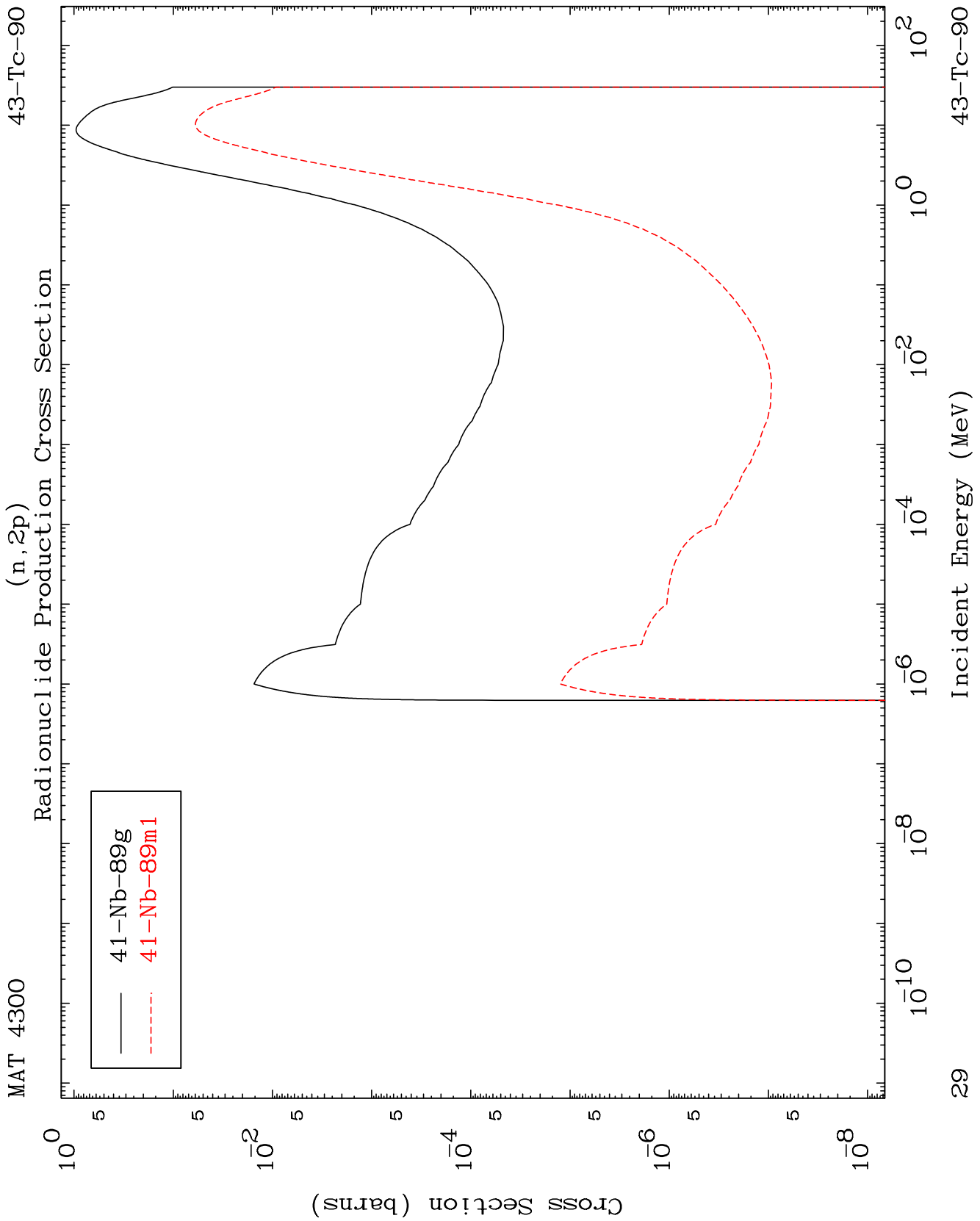


MAT 4300

43-Tc-90

(n,2α)
Radionuclide Production Cross Section



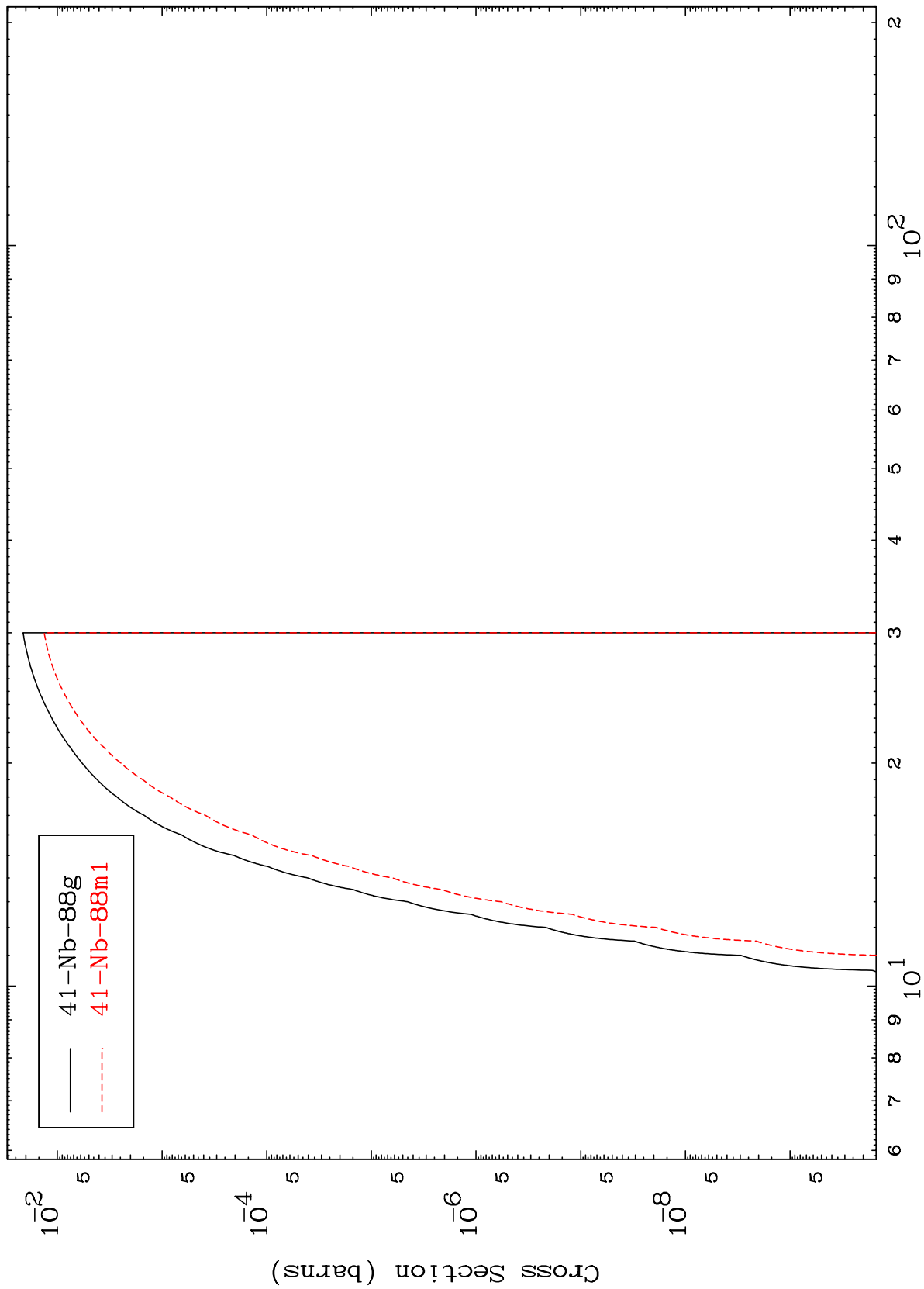


MAT 4300

(n,p) d

43-Tc-90

Radionuclide Production Cross Section

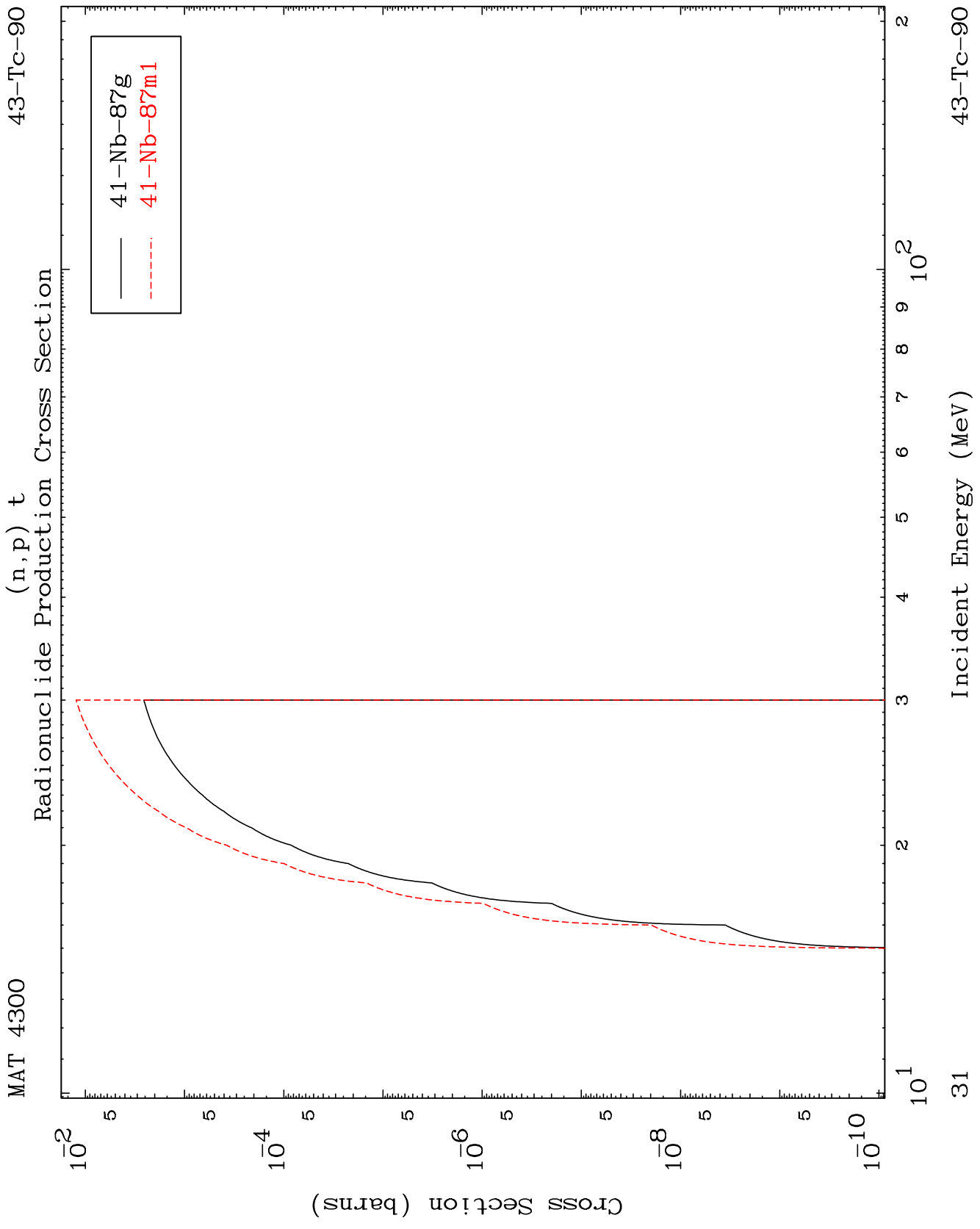


— 41-Nb-88g
- - - 41-Nb-88m1

30

Incident Energy (MeV)

43-Tc-90

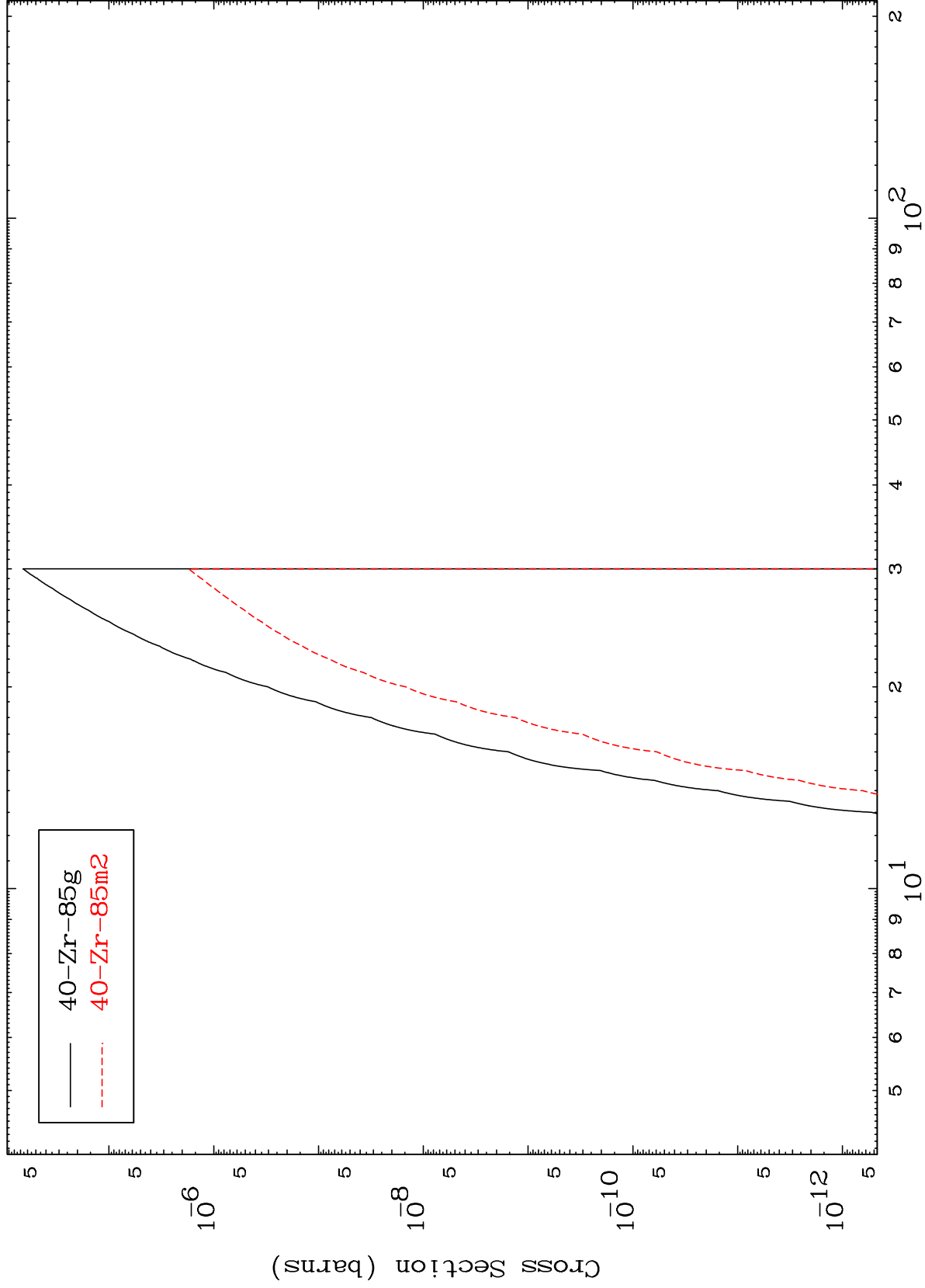


MAT 4300

(n,d) α

43-Tc-90

Radionuclide Production Cross Section



32

Incident Energy (MeV)

43-Tc-90