

Program EVALPLOT
(Version 2017-1)

by

Dermott E. Cullen
(Present Contact Information)

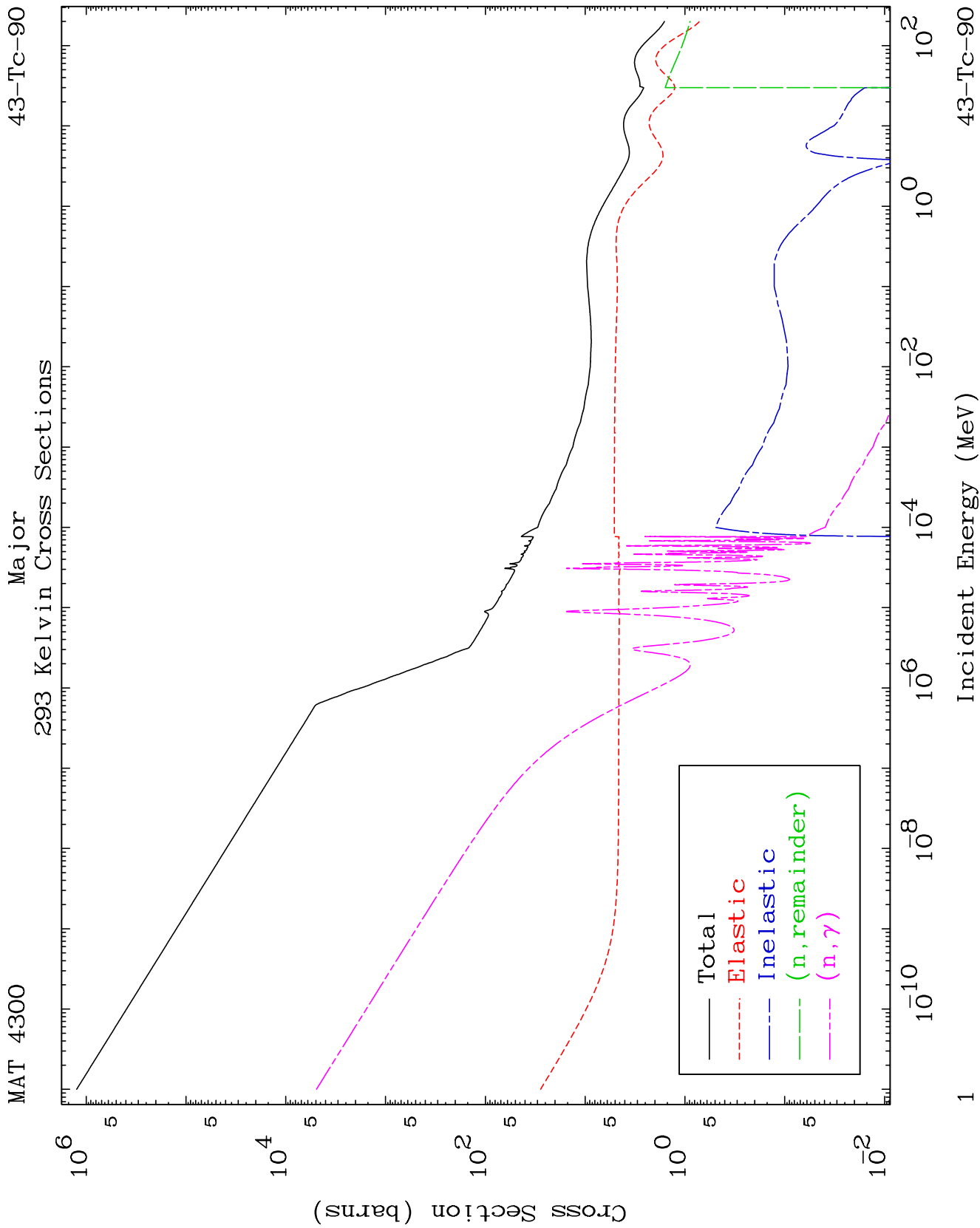
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

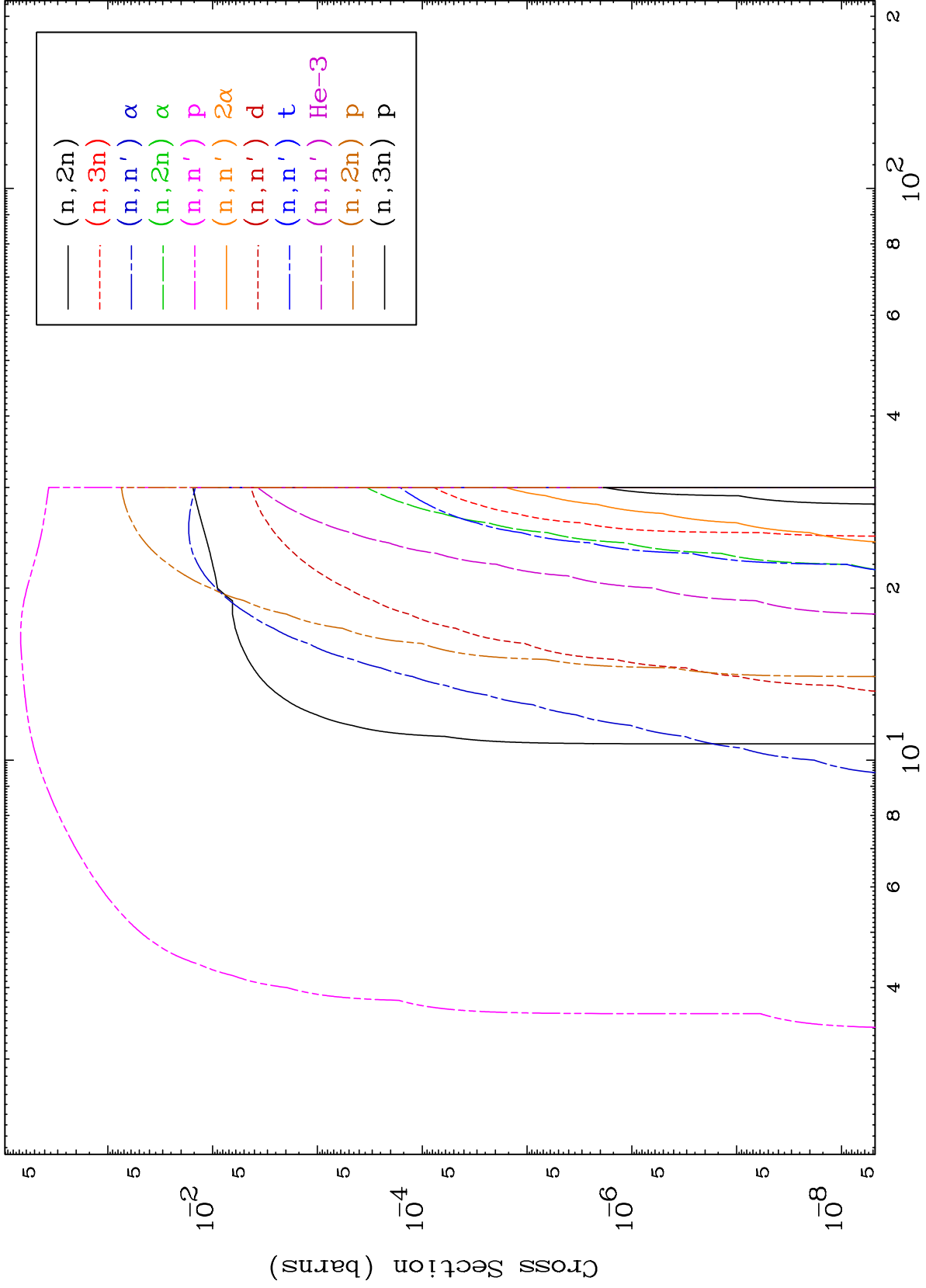
Tele: 925-443-1911

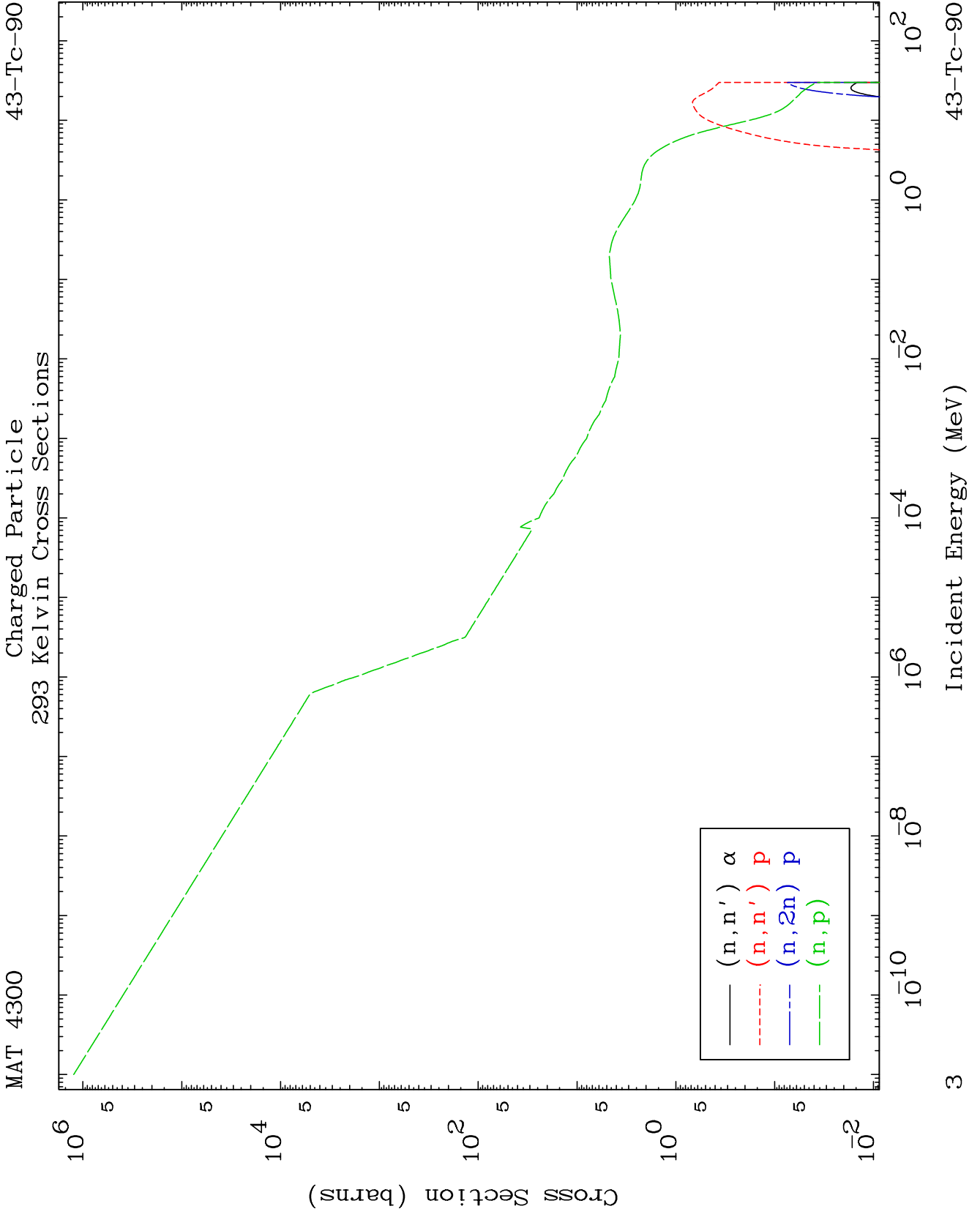
E.Mail: redcullen1@comcast.net

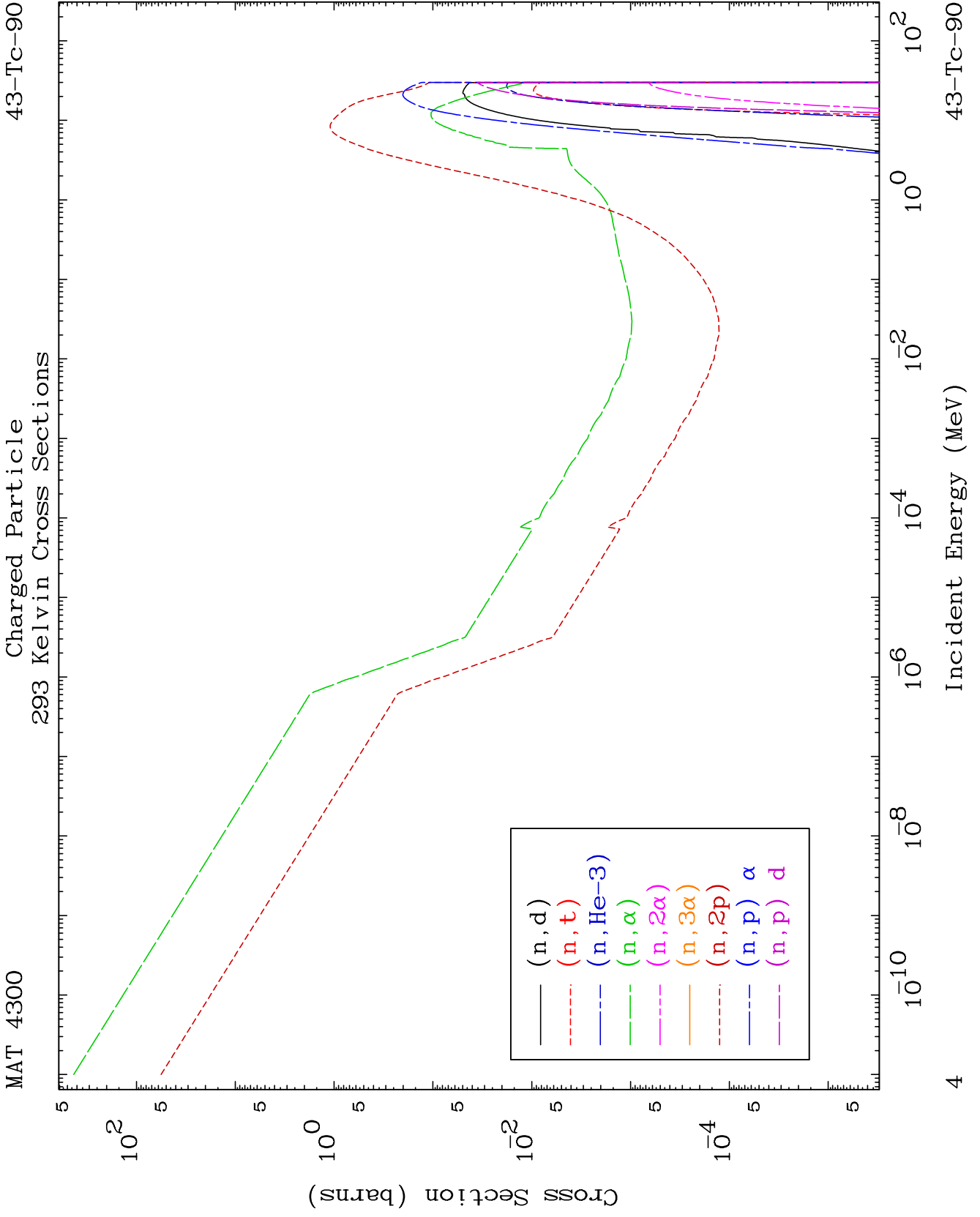
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





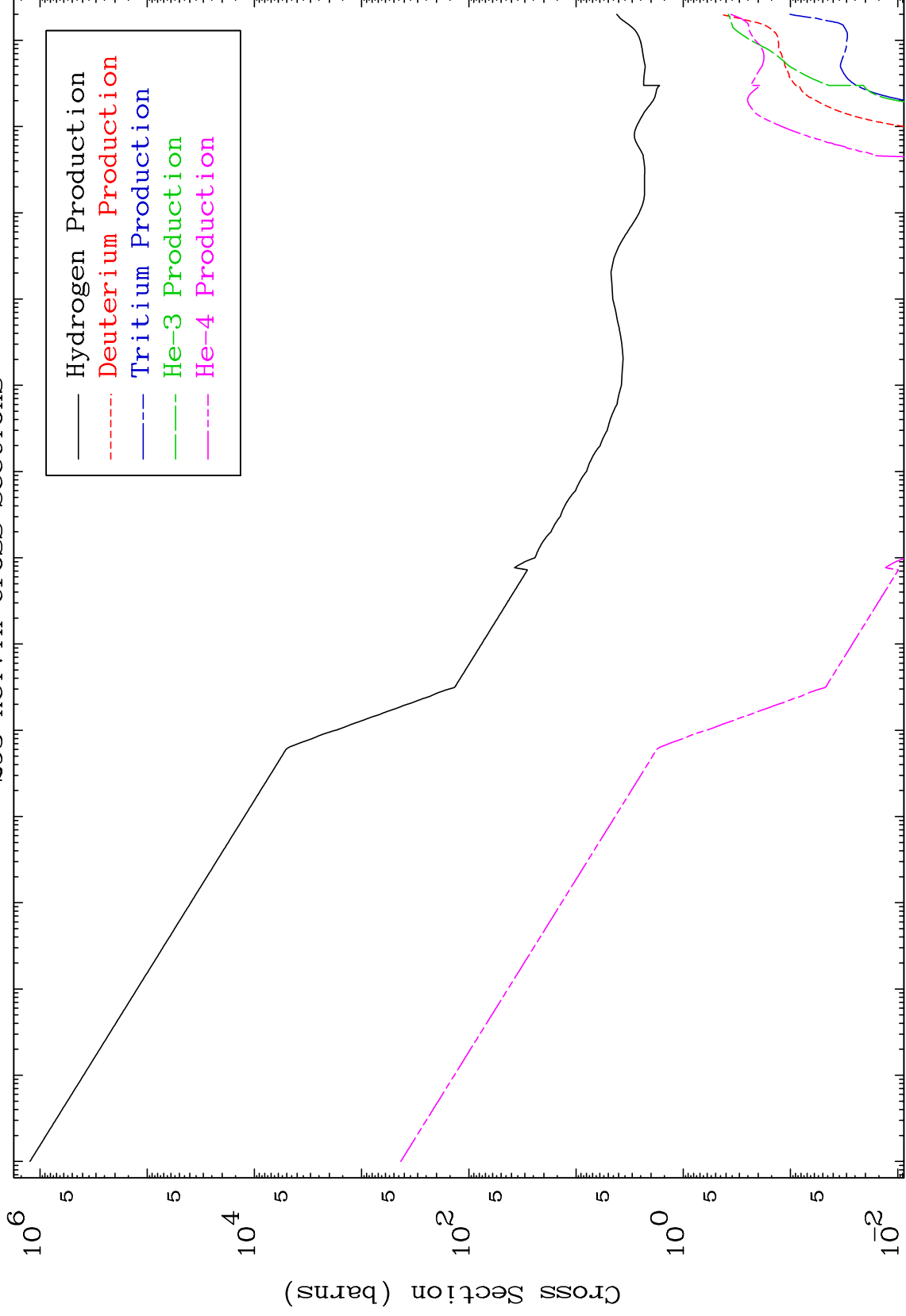




MAT 4300

Particle Production
293 Kelvin Cross Sections

43-Tc-90



5

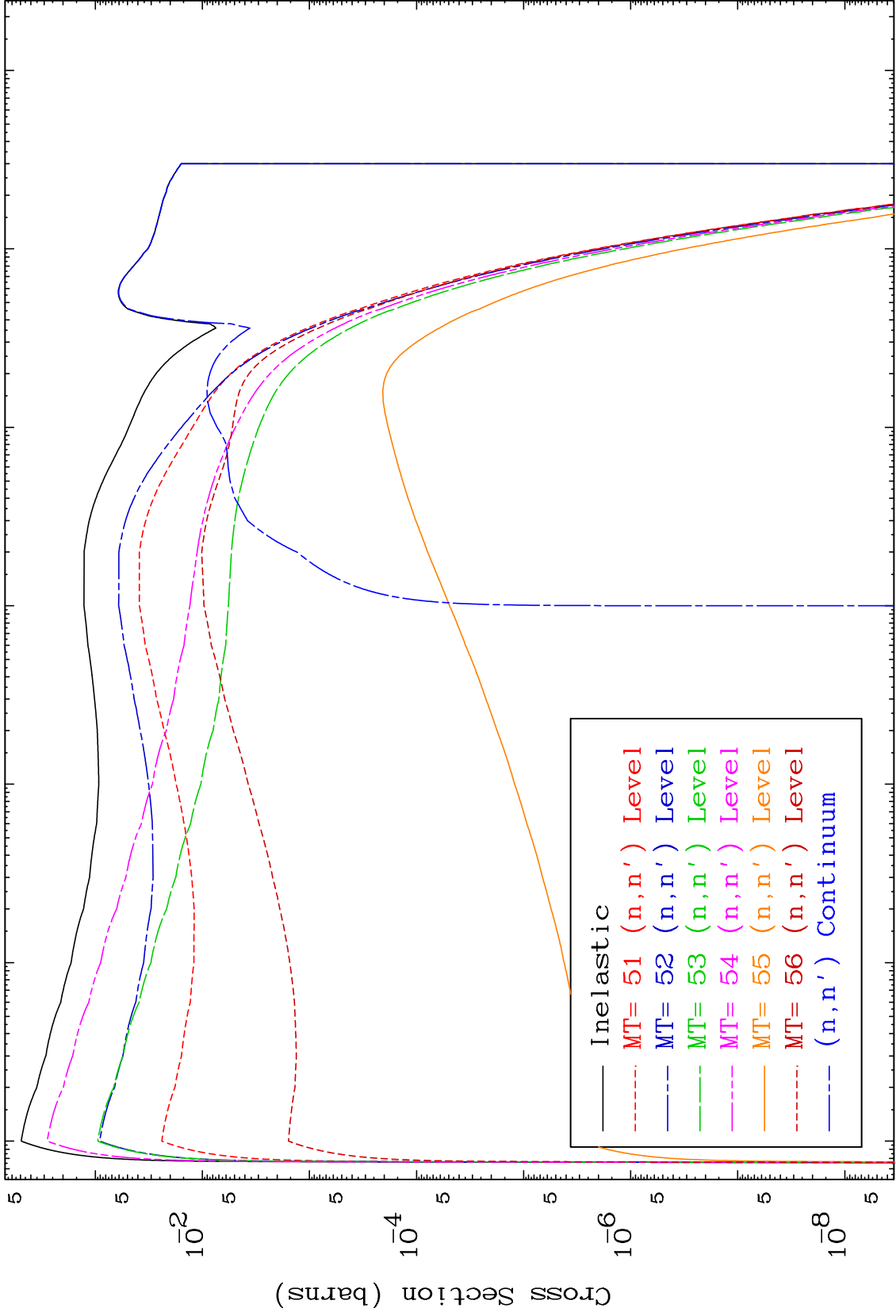
Incident Energy (MeV)

43-Tc-90

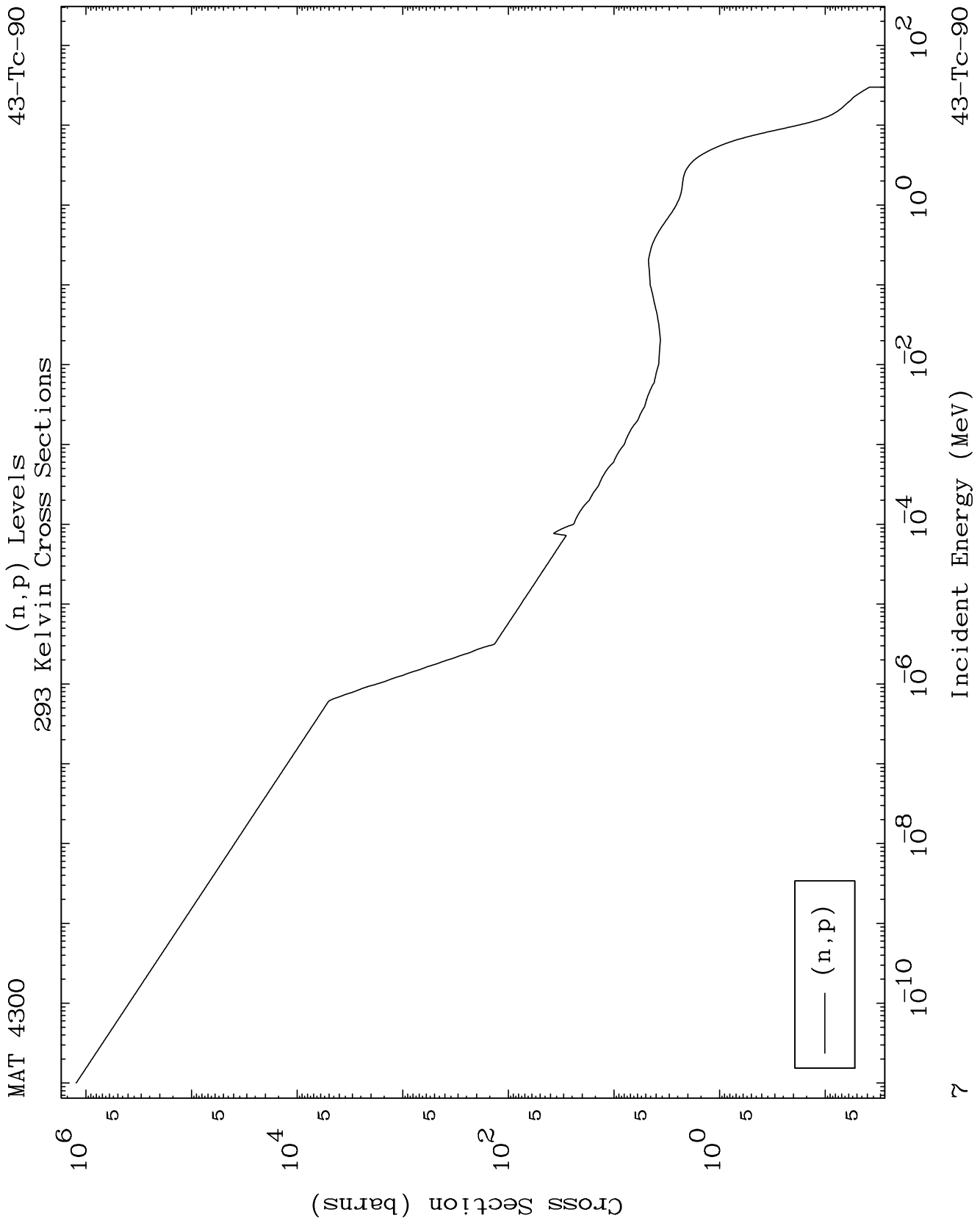
MAT 4300

(n,n') Level
293 Kelvin Cross Sections

43-Tc-90



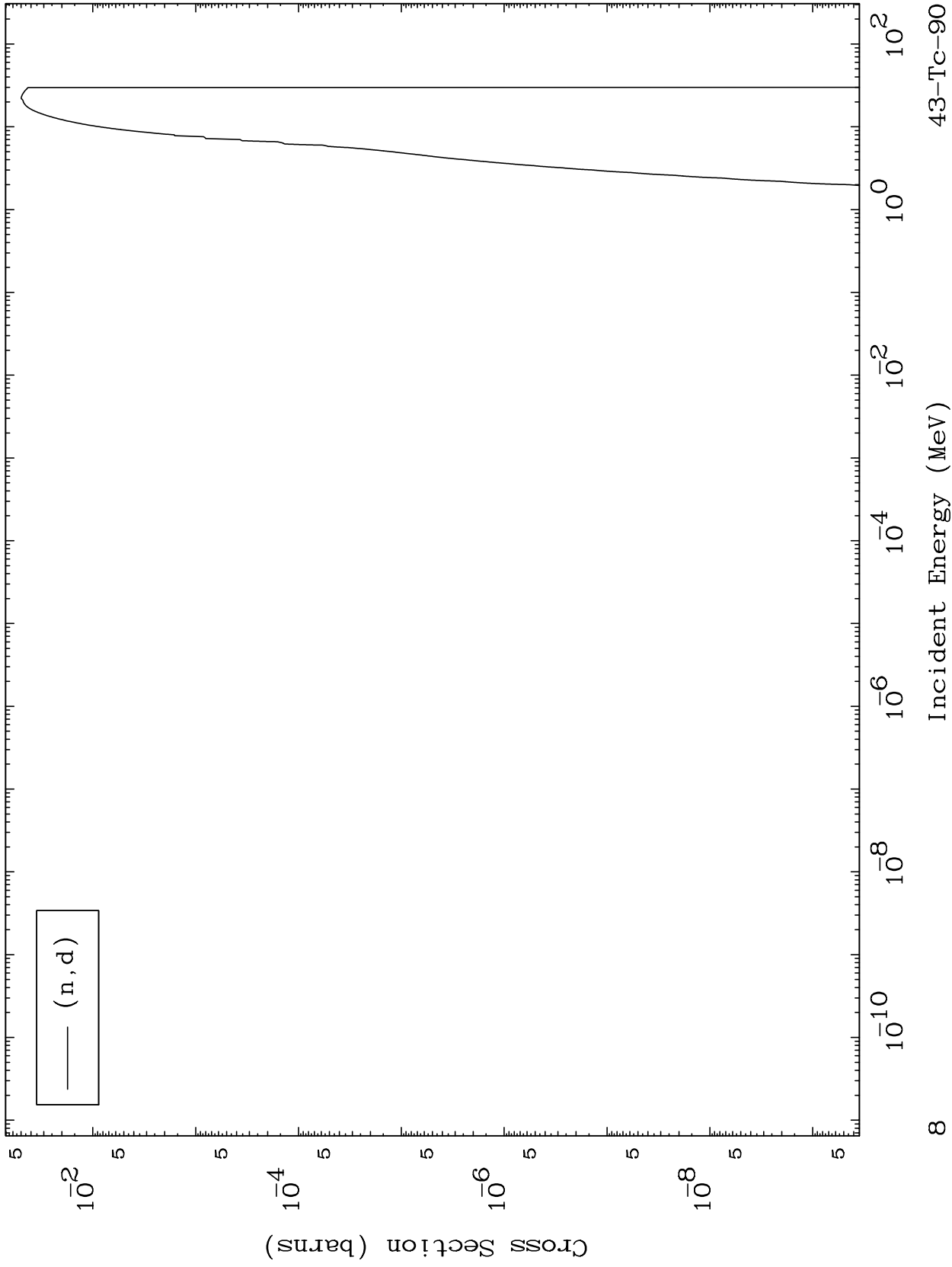
43-Tc-90
Incident Energy (MeV)
6

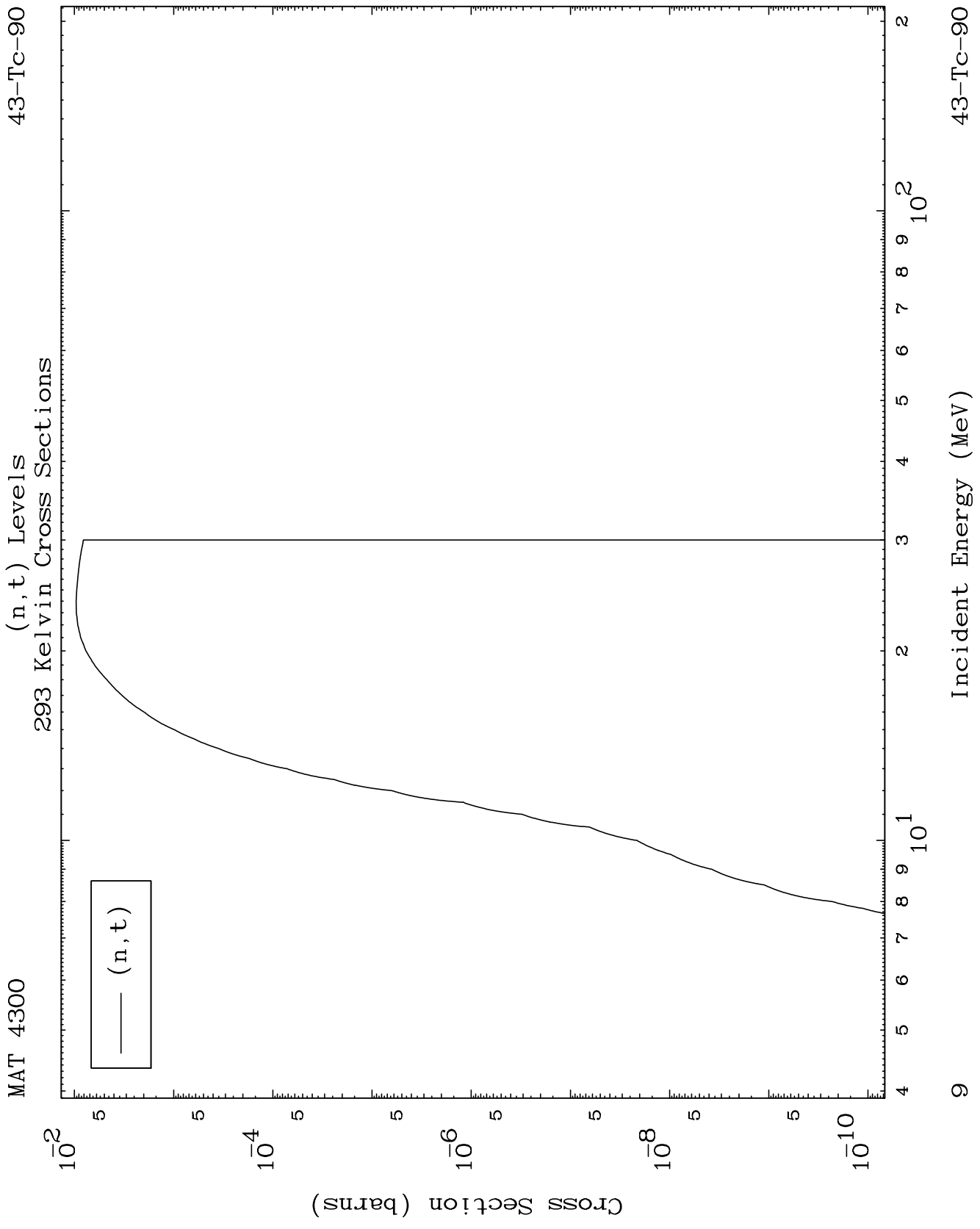


MAT 4300

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-90

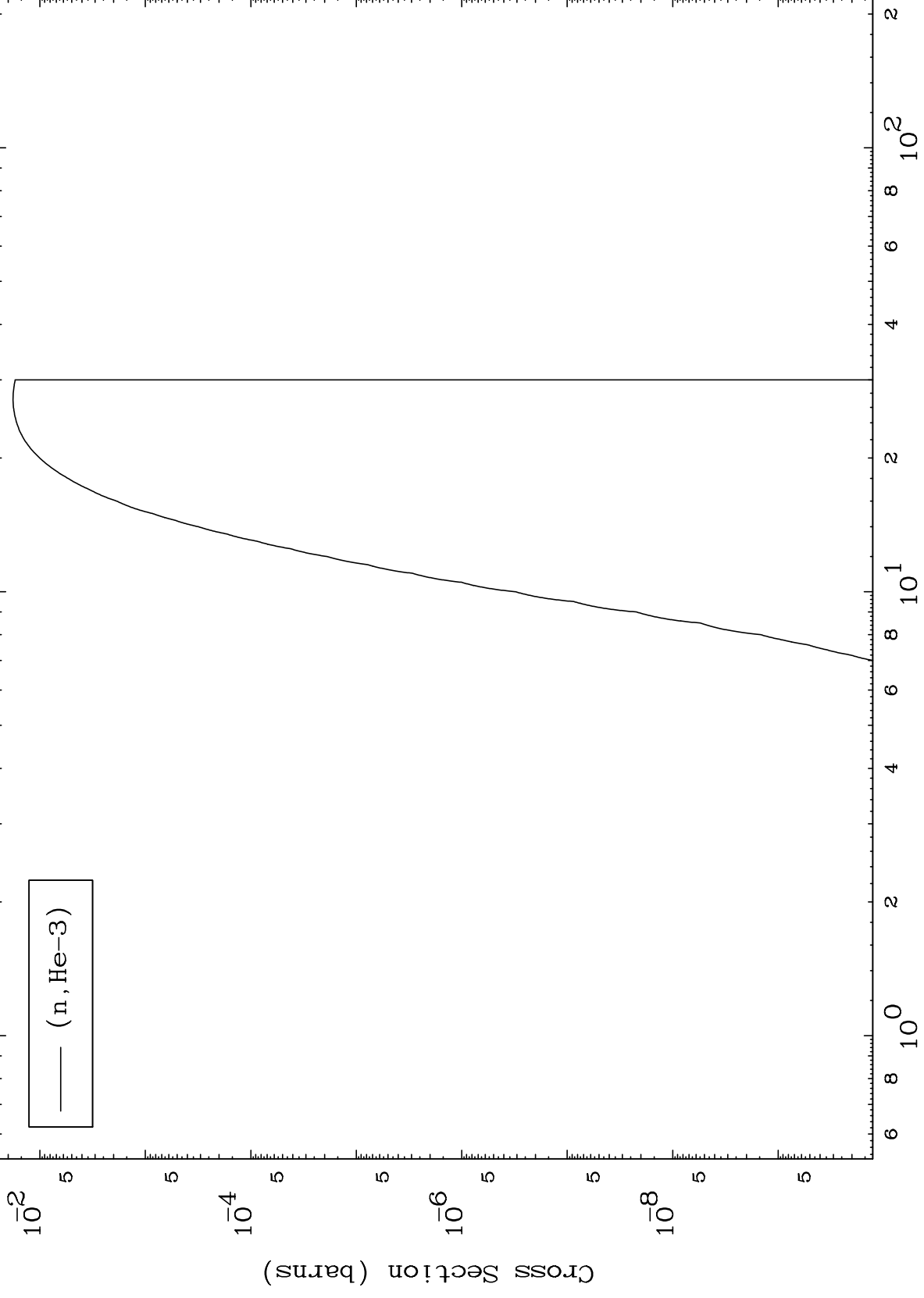




MAT 4300

(n,He3) Levels
293 Kelvin Cross Sections

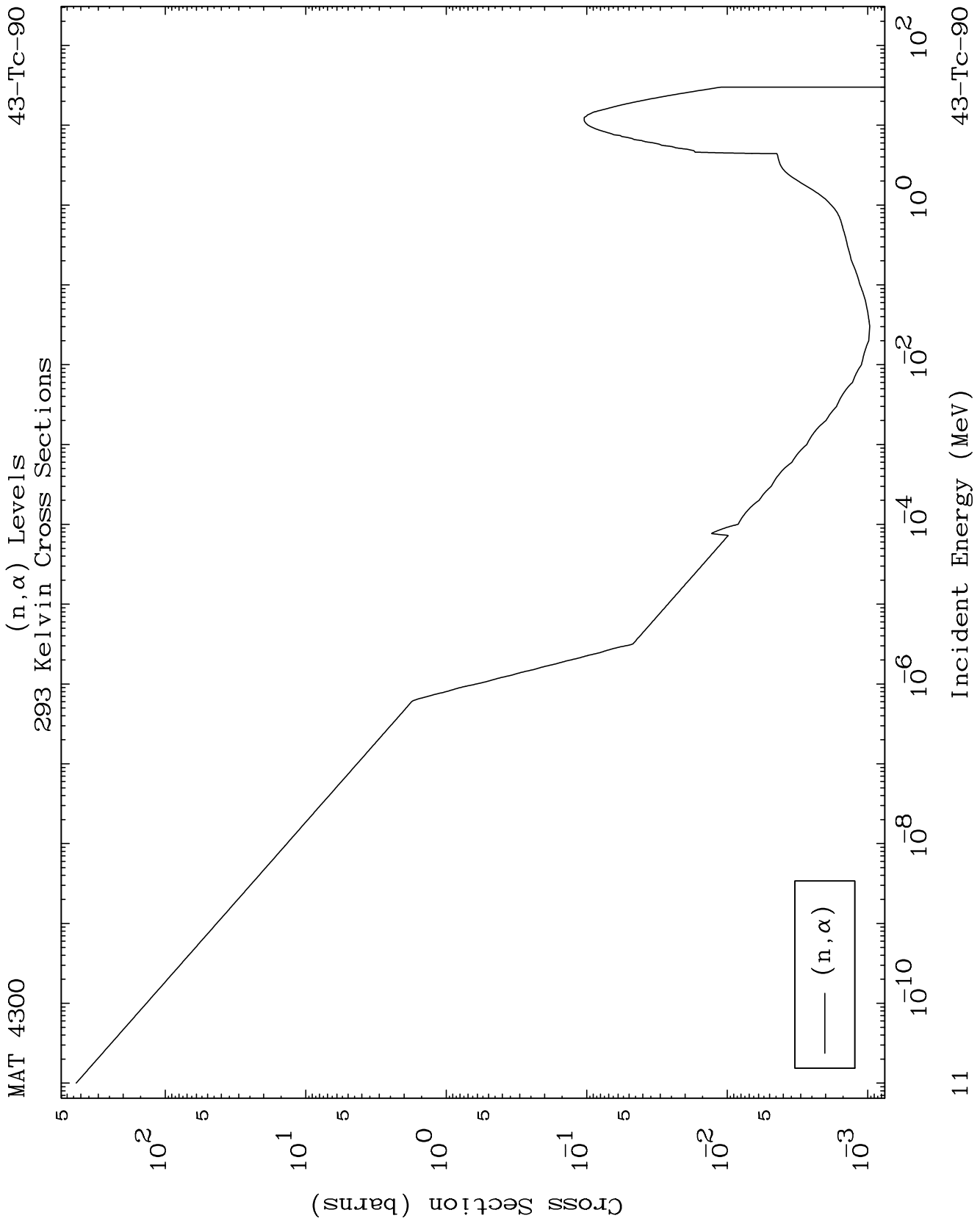
43-Tc-90

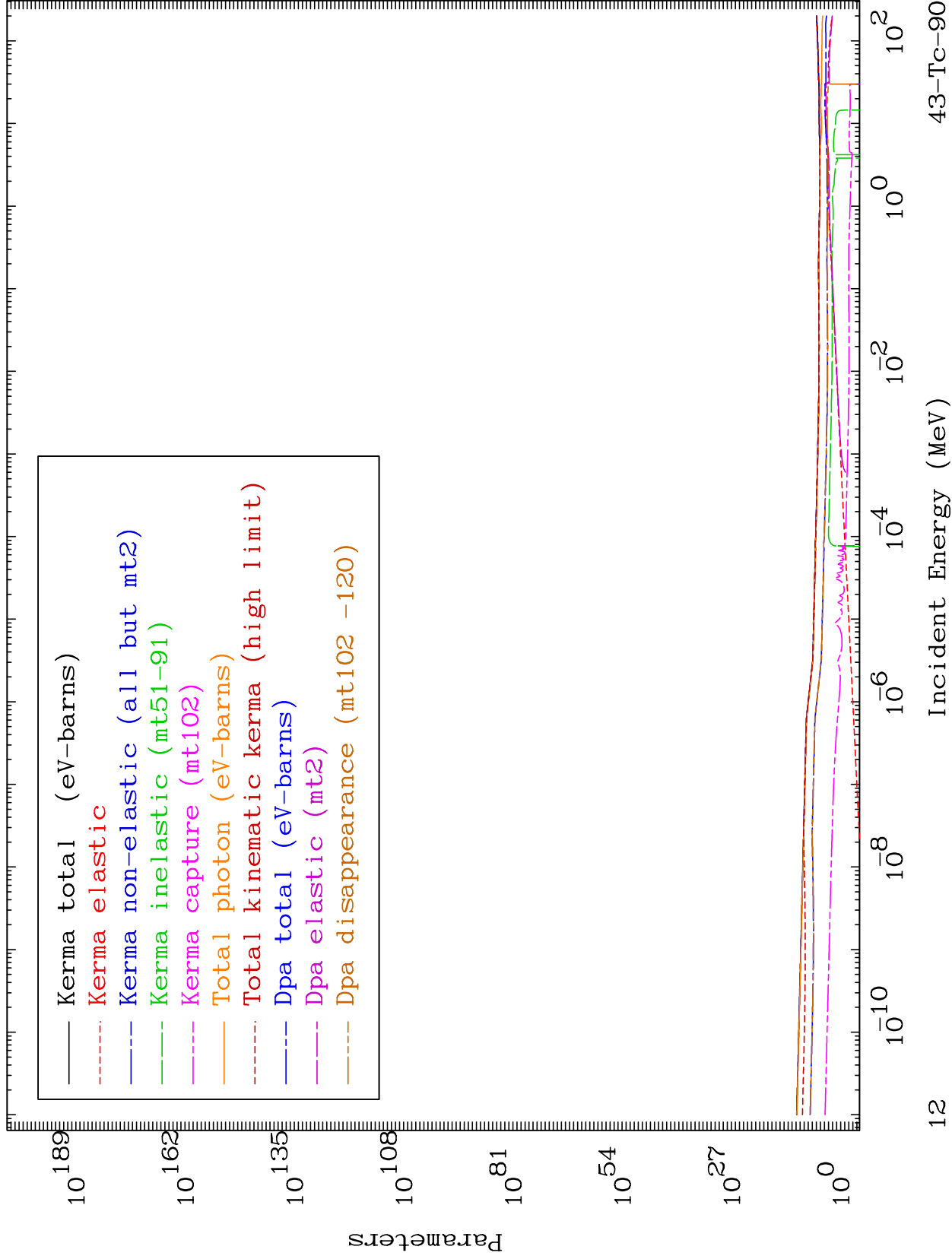


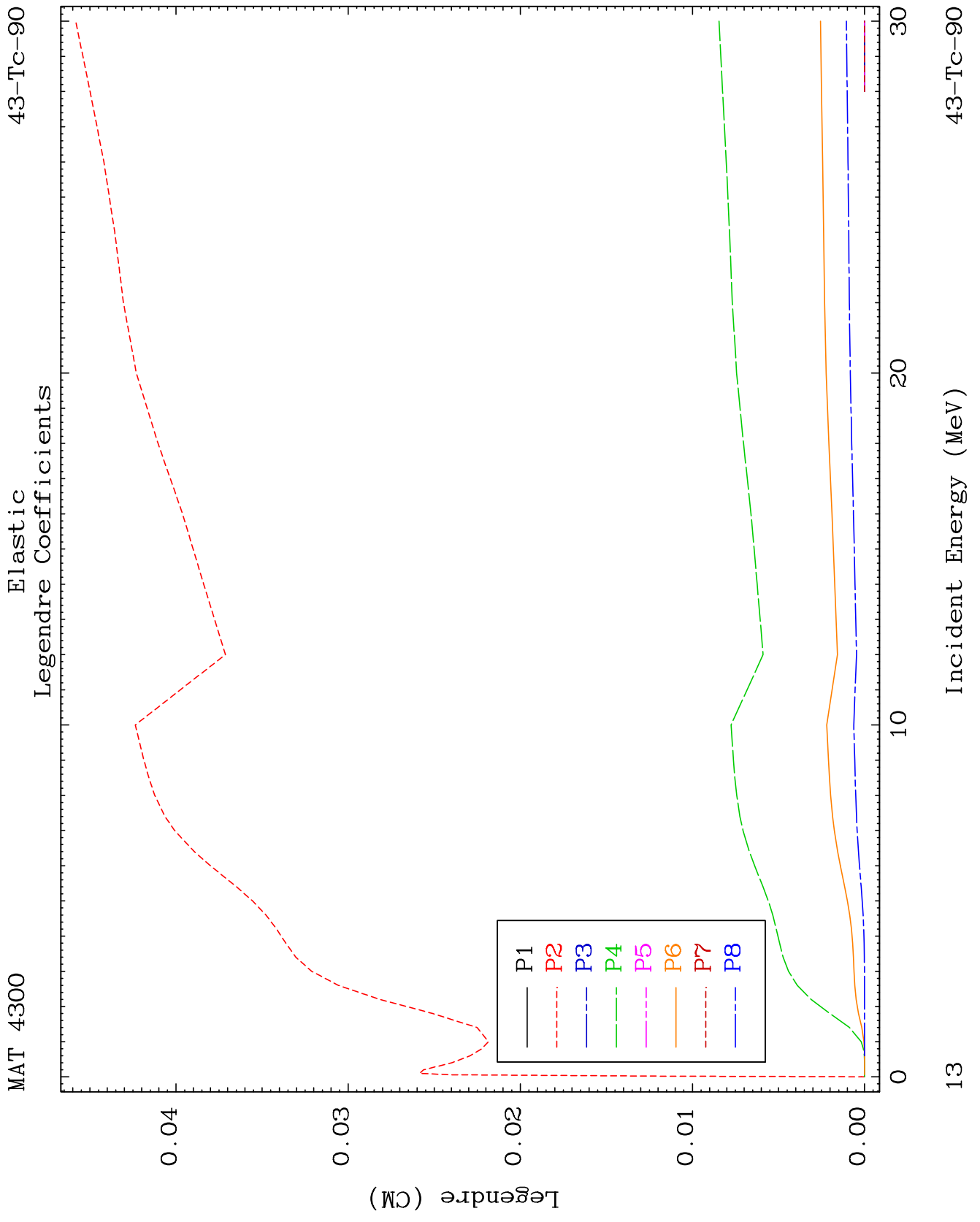
10

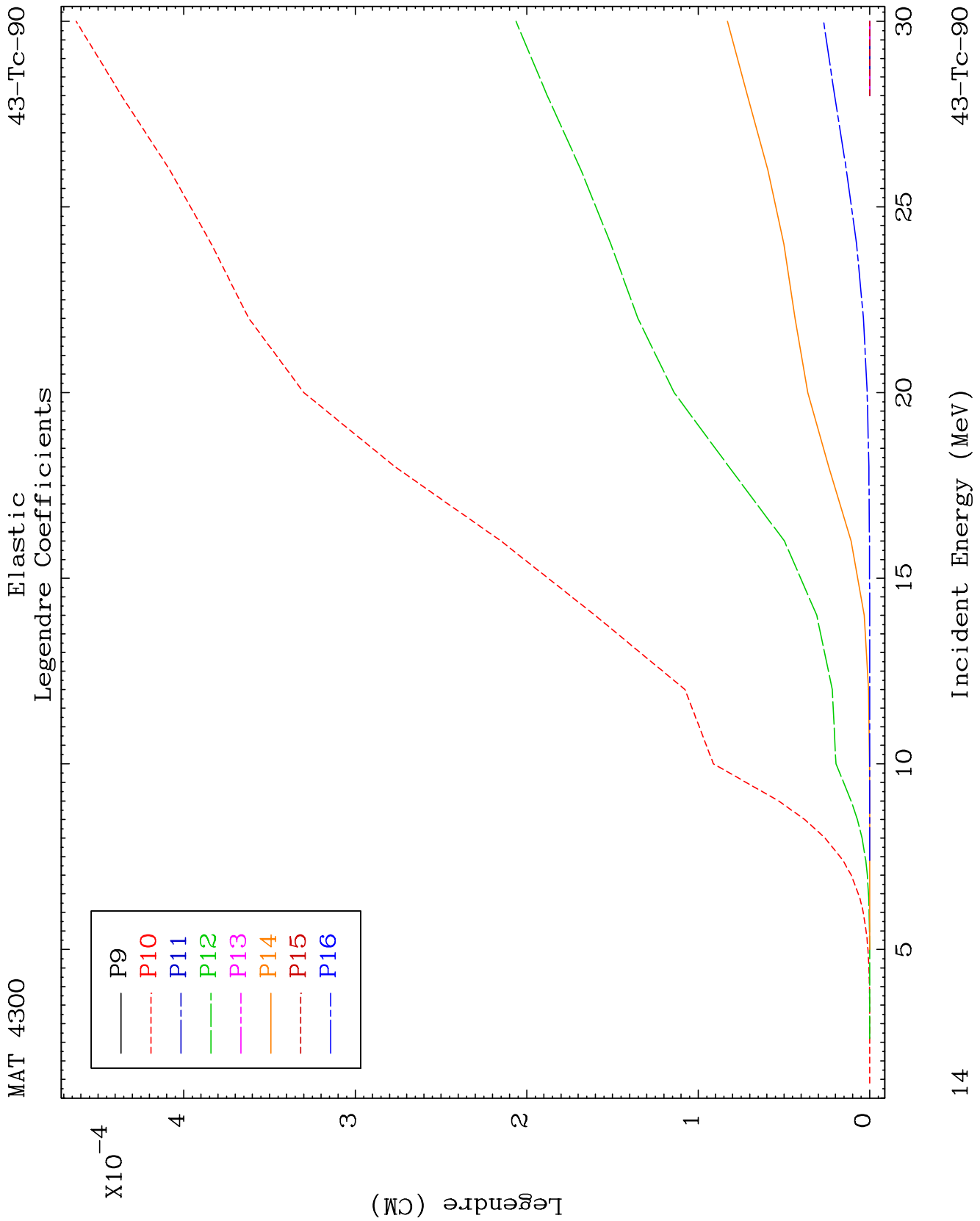
Incident Energy (MeV)

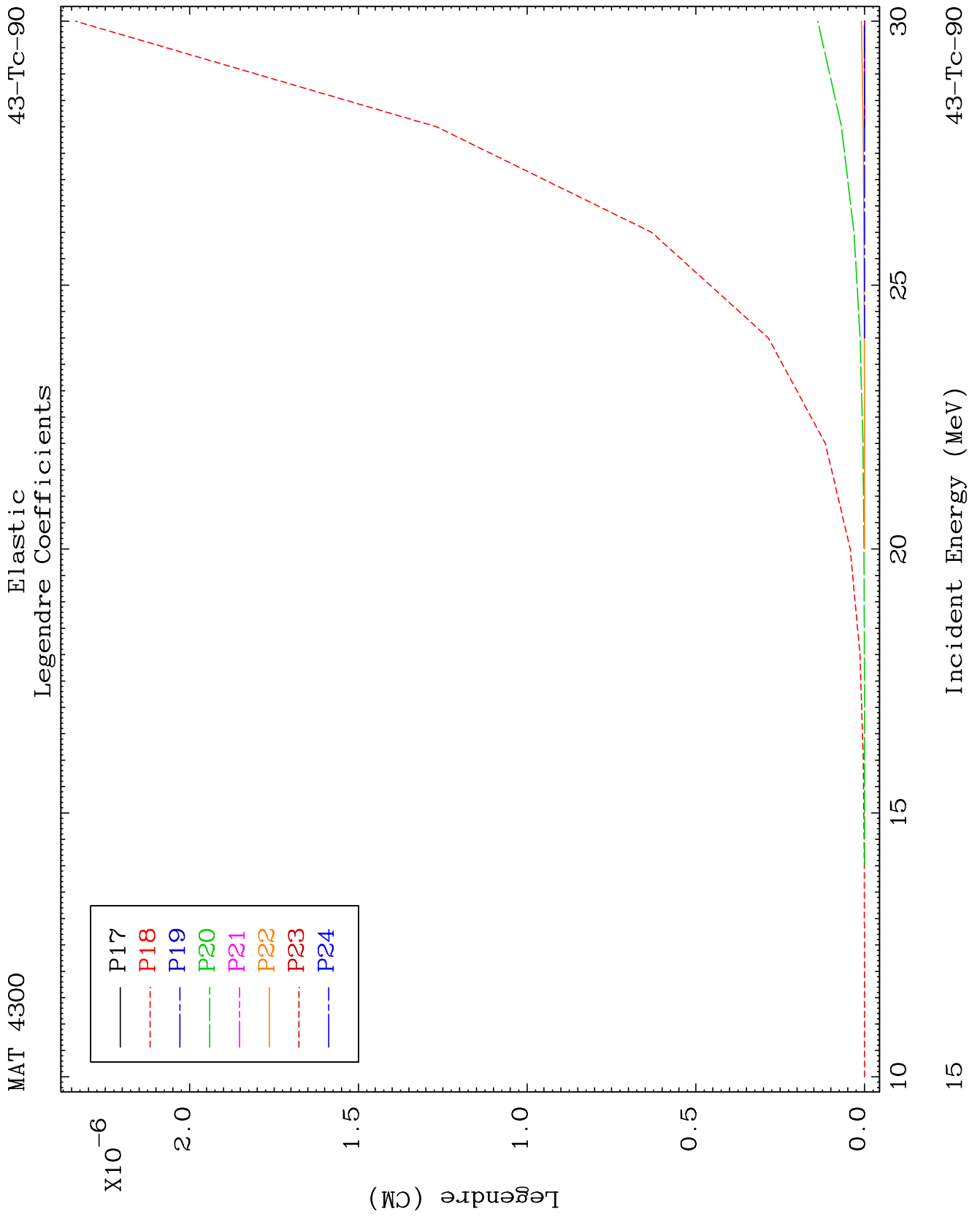
43-Tc-90







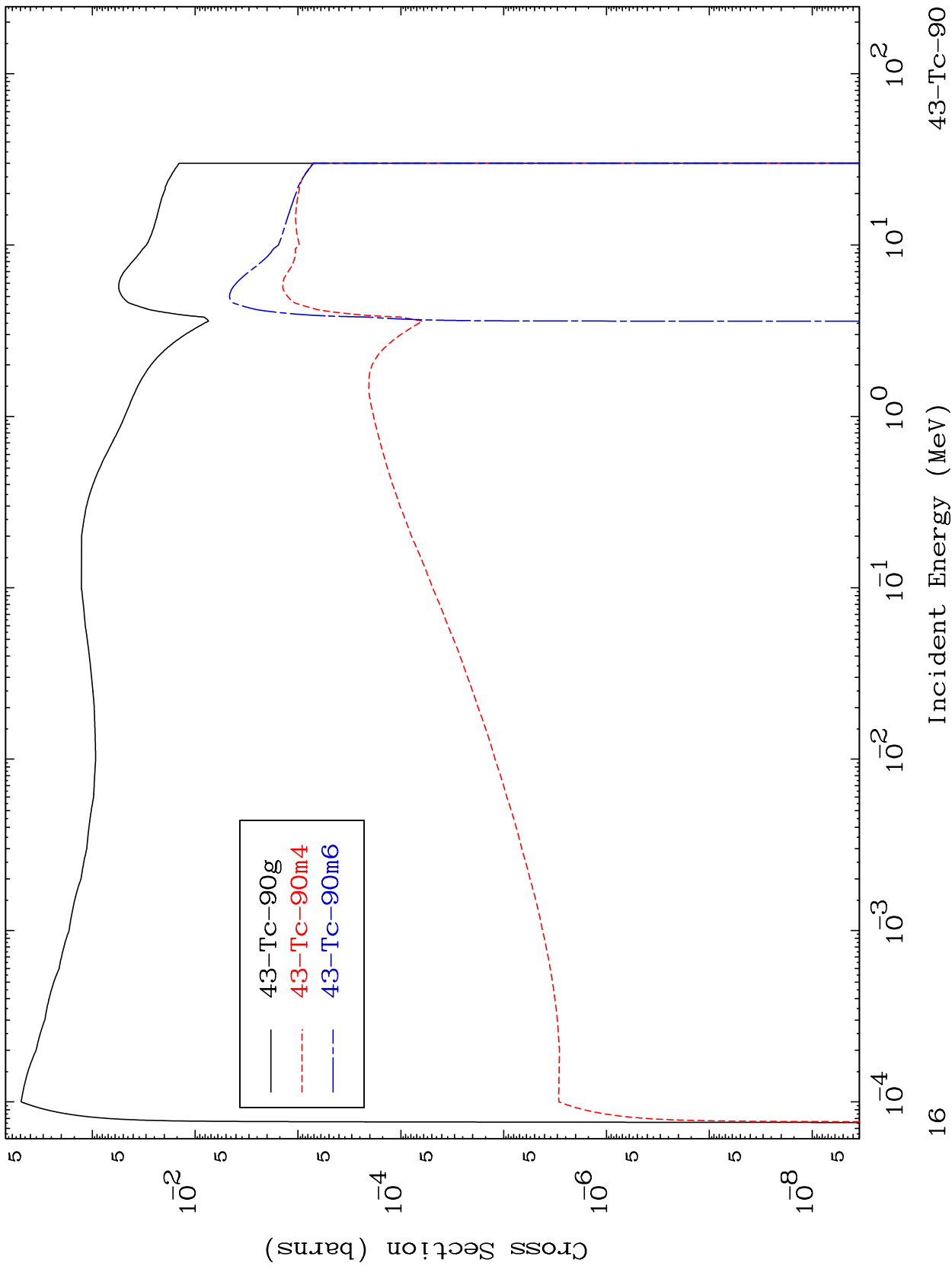




MAT 4300

43-Tc-90

Inelastic
Radionuclide Production Cross Section



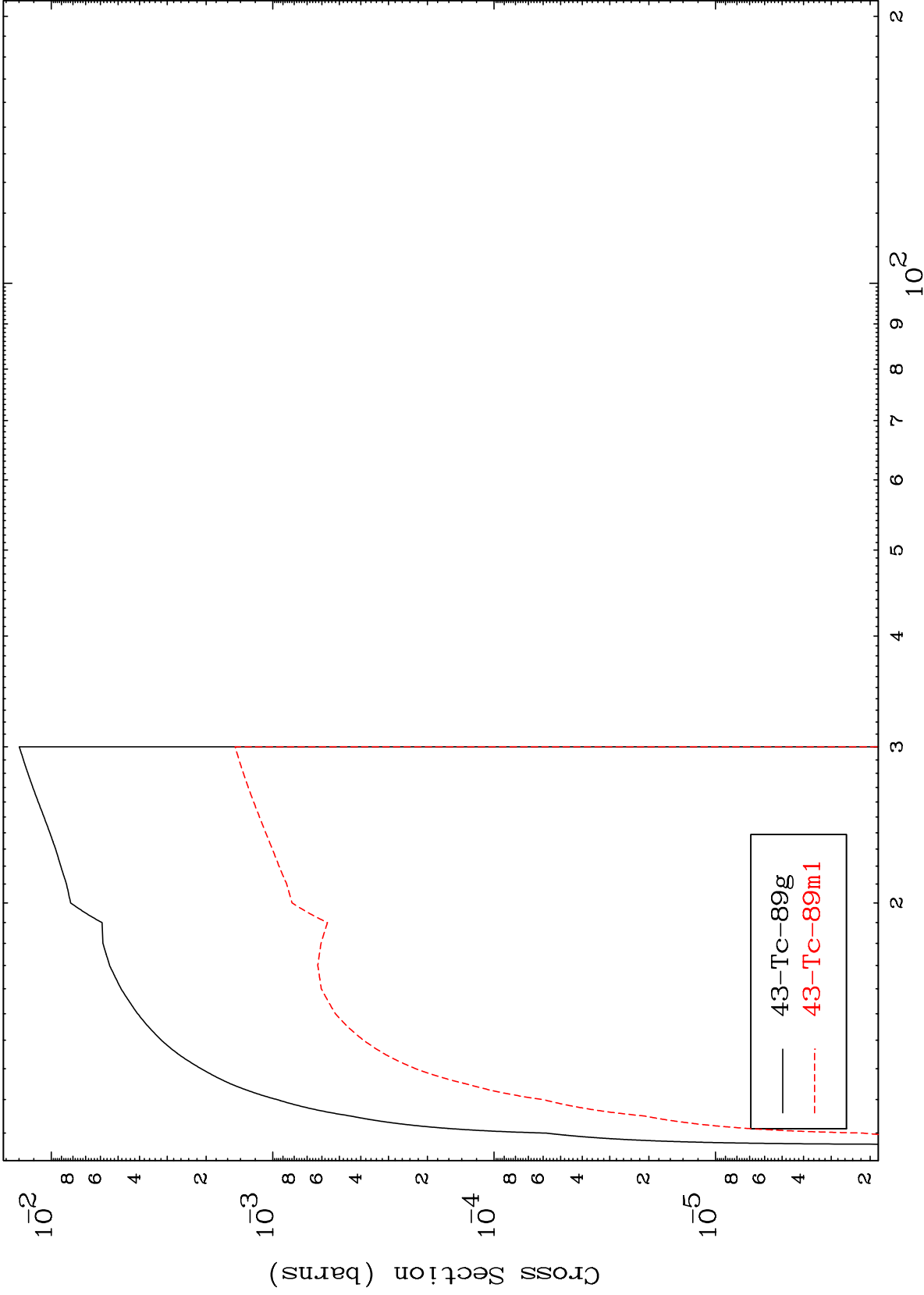
16

MAT 4300

(n,2n)

⁴³Tc-90

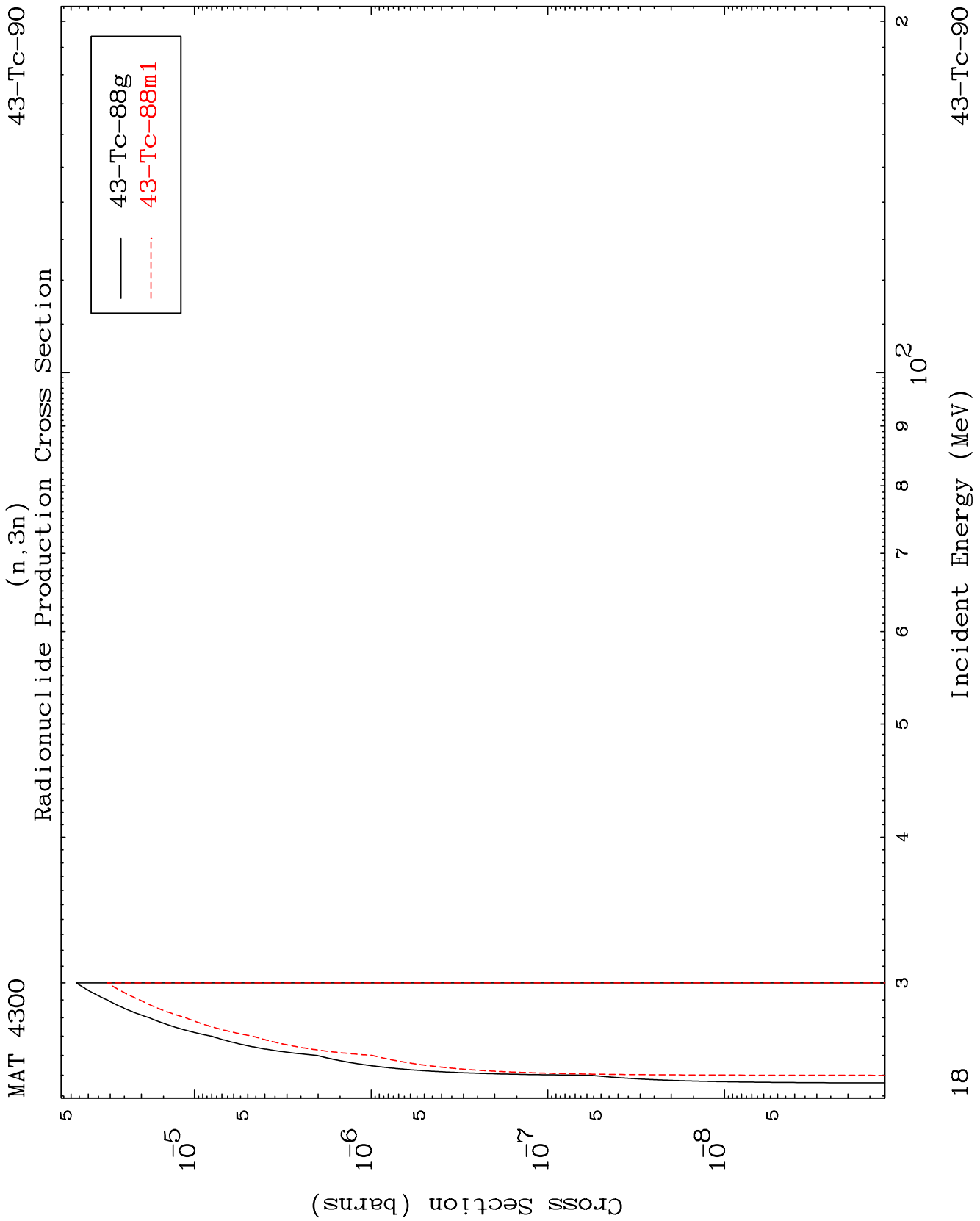
Radionuclide Production Cross Section



17

Incident Energy (MeV)

⁴³Tc-90

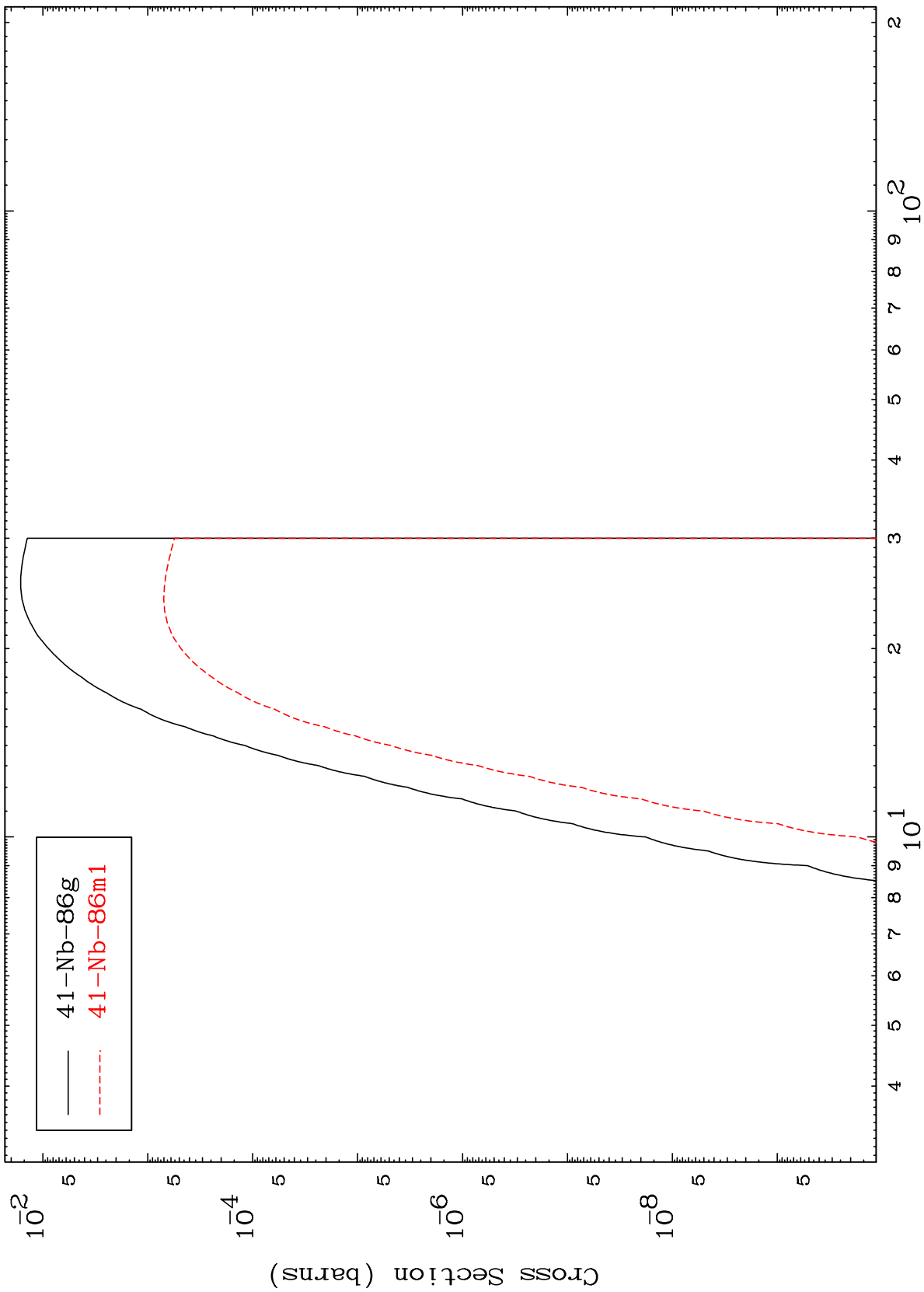


MAT 4300

(n,n') α

43-Tc-90

Radionuclide Production Cross Section

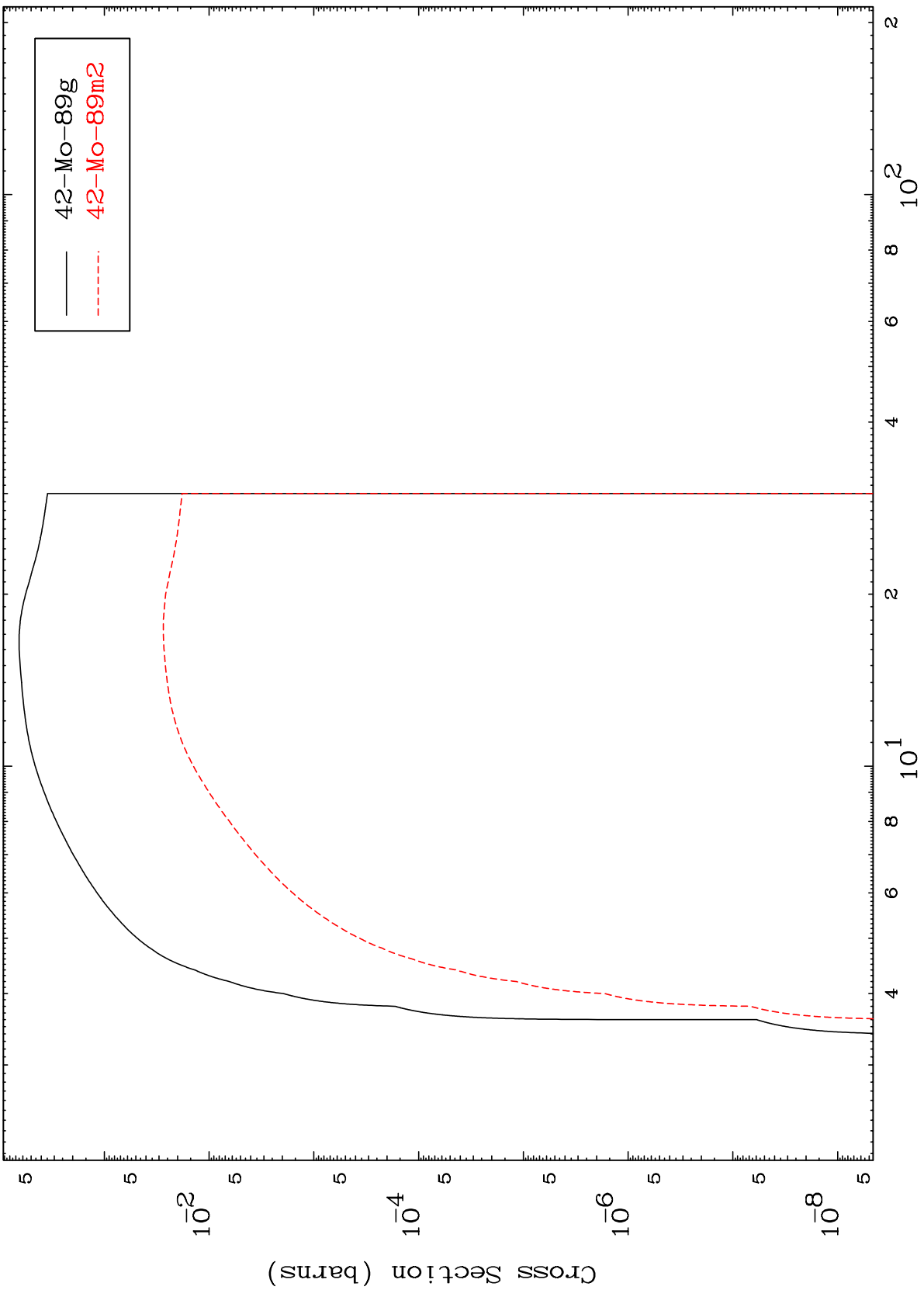


MAT 4300

(n,n') p

43-Tc-90

Radionuclide Production Cross Section



20

Incident Energy (MeV)

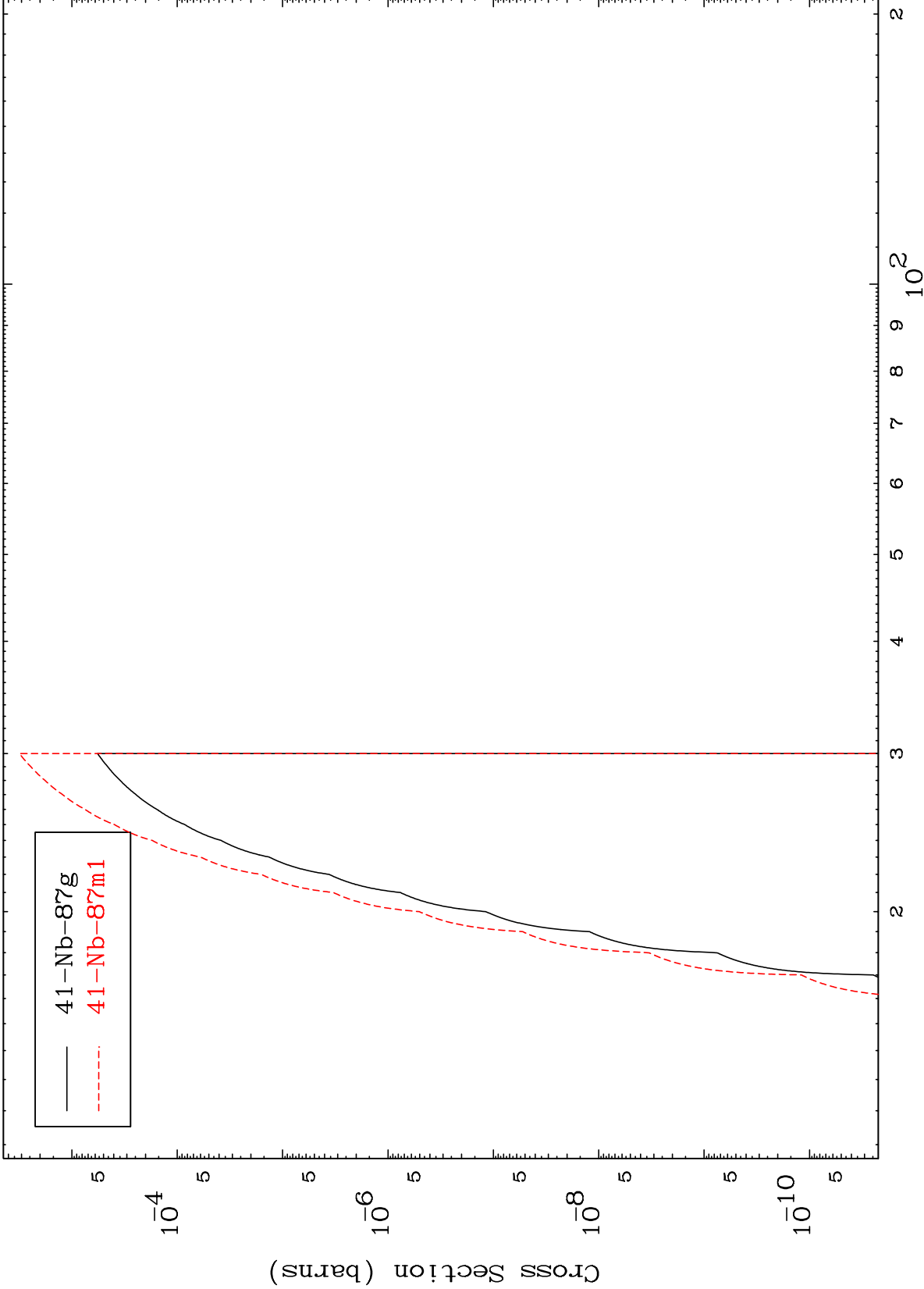
43-Tc-90

MAT 4300

(n,n') He-3

43-Tc-90

Radionuclide Production Cross Section



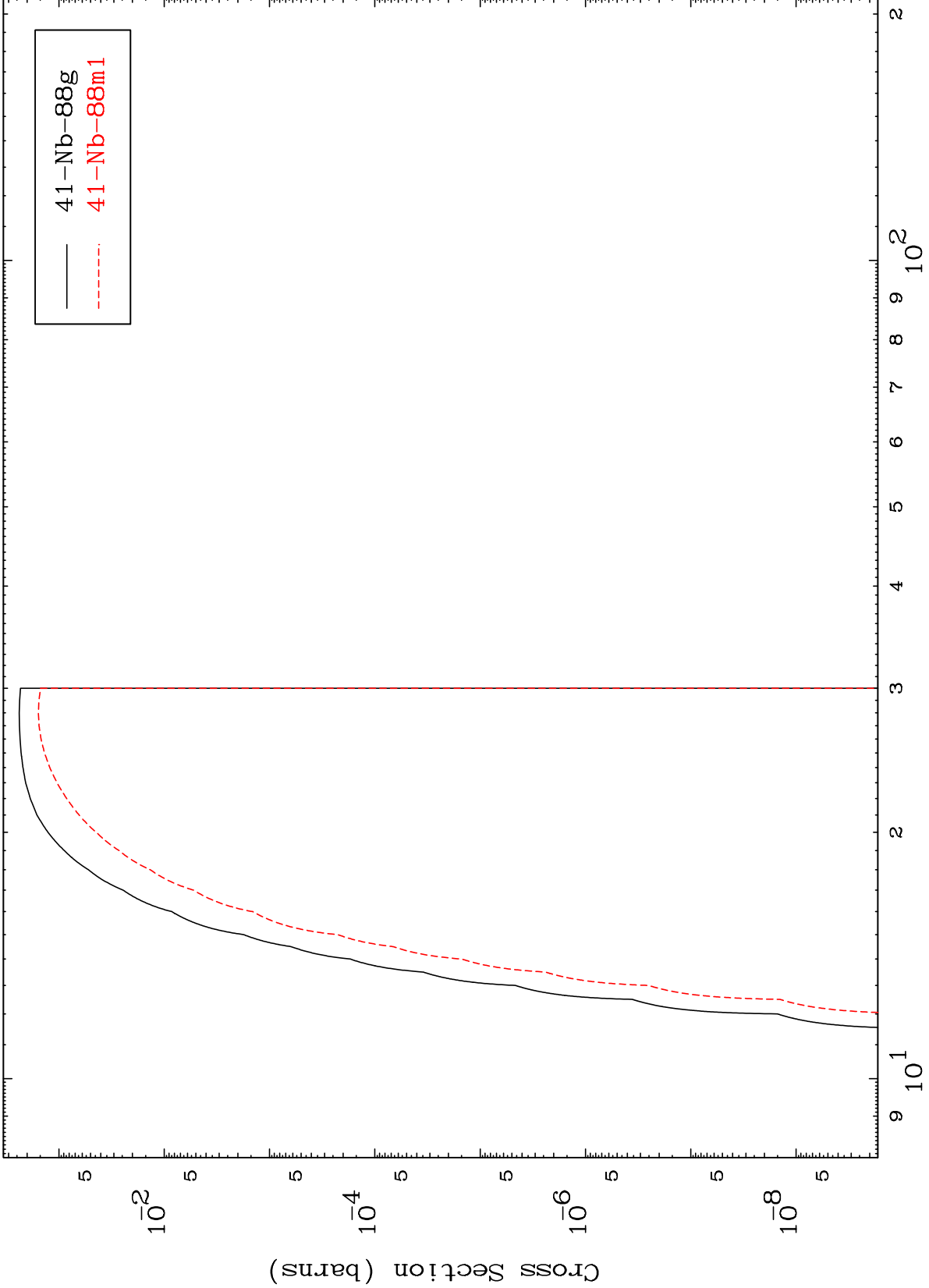
41-Nb-87g
41-Nb-87m1

MAT 4300

(n,2n) p

43-Tc-90

Radionuclide Production Cross Section



22

Incident Energy (MeV)

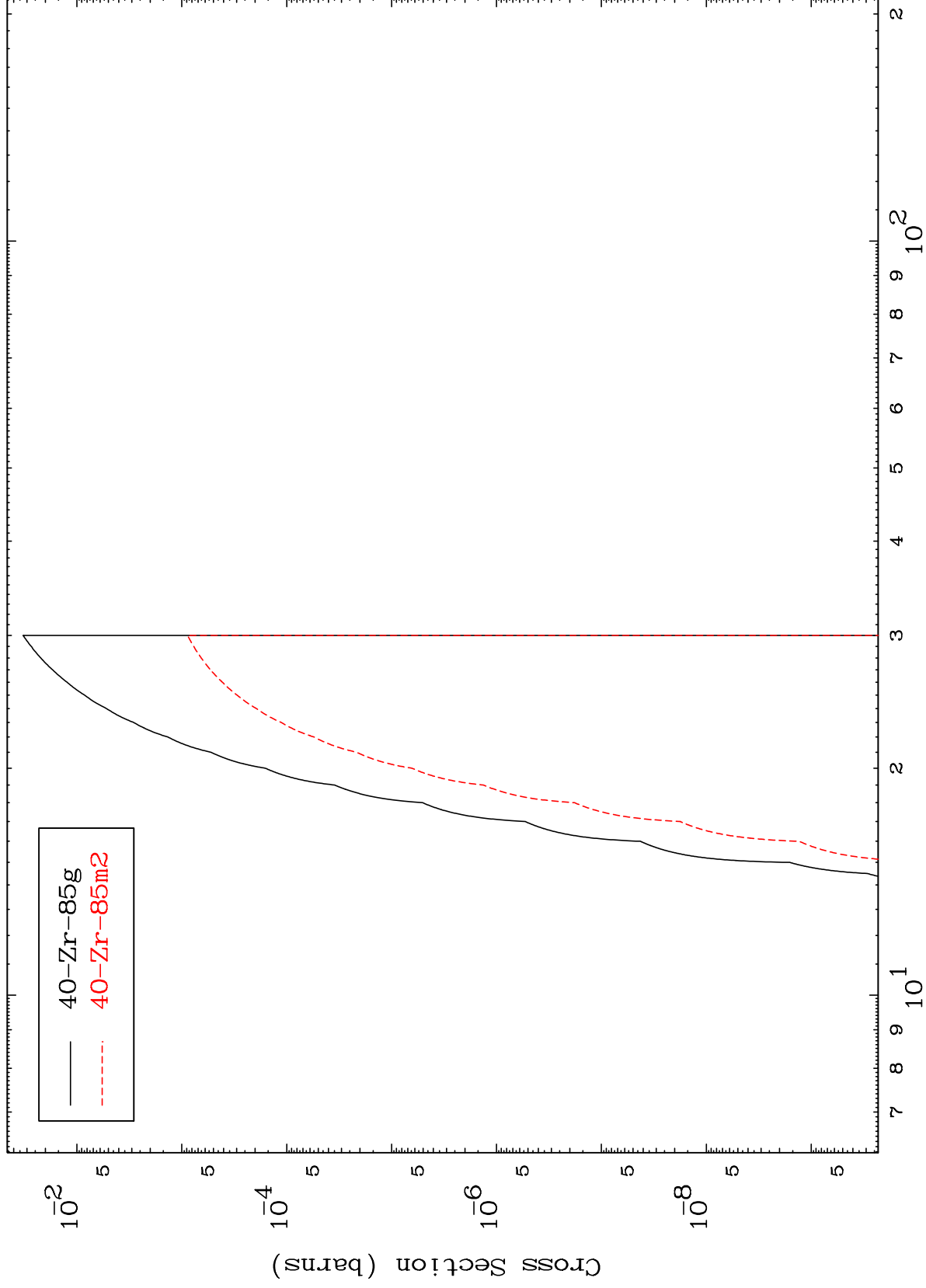
43-Tc-90

MAT 4300

(n,n') p α

43-Tc-90

Radionuclide Production Cross Section



23

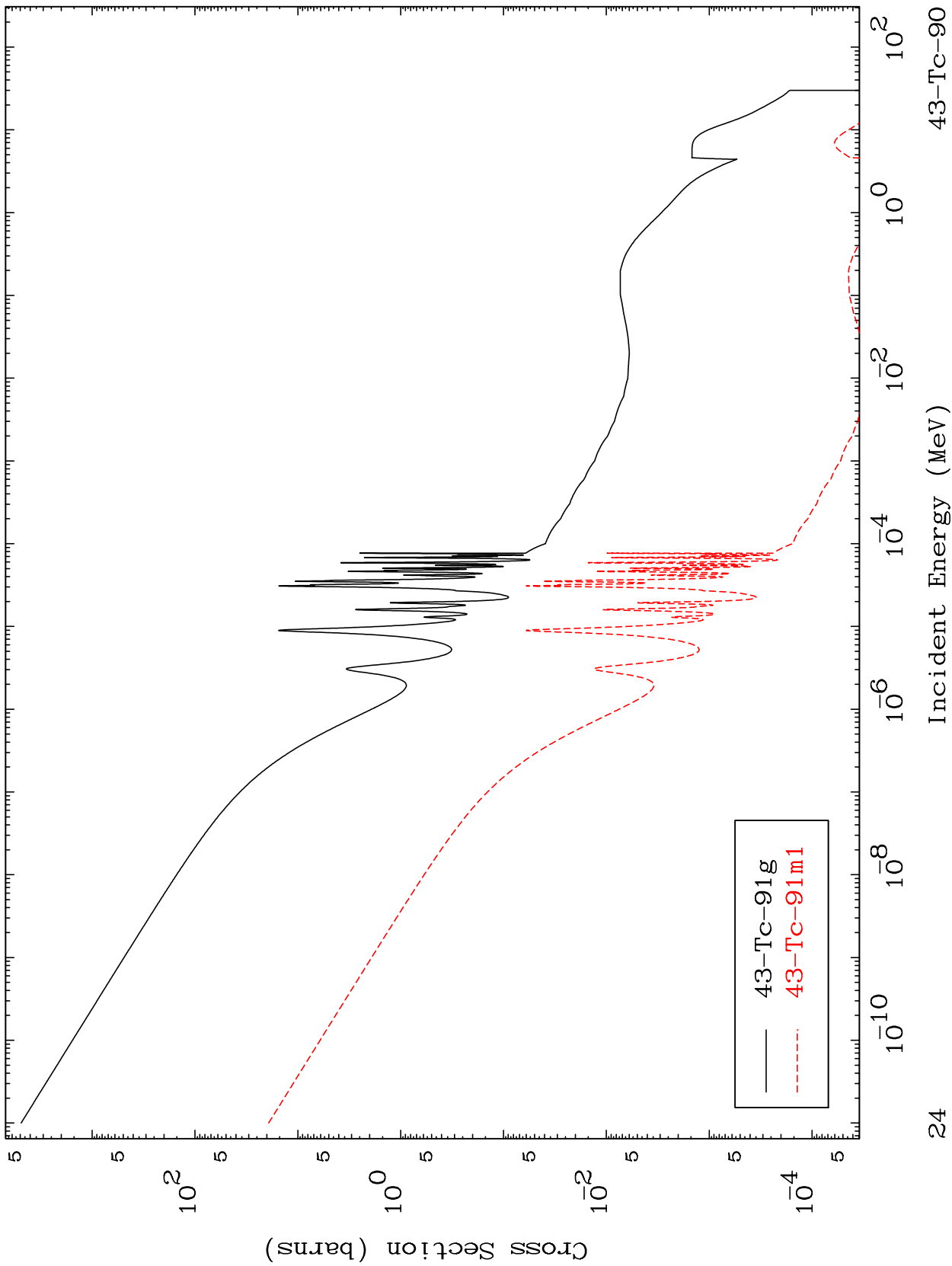
Incident Energy (MeV)

43-Tc-90

MAT 4300

43-Tc-90

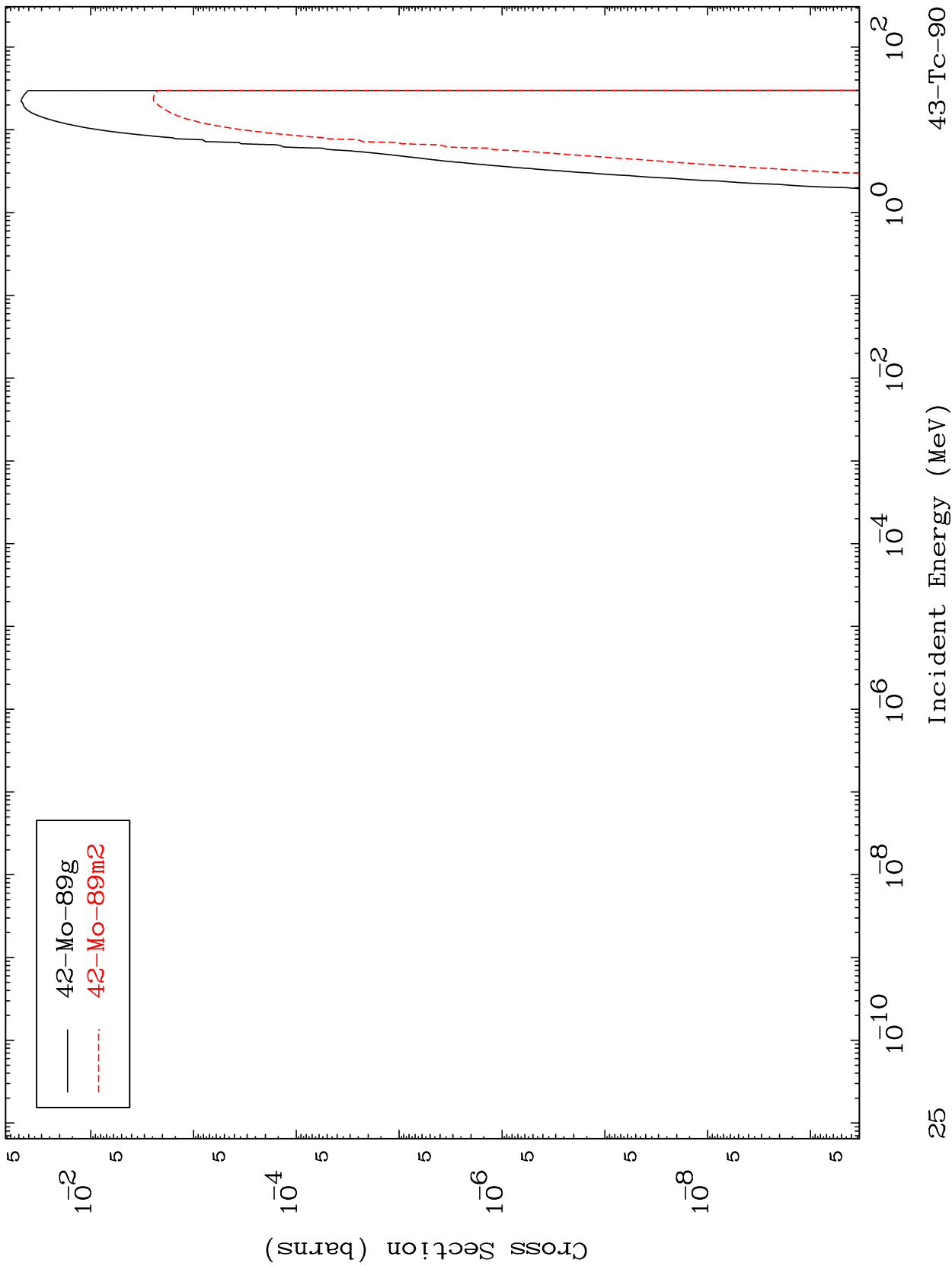
(n, γ)
Radionuclide Production Cross Section

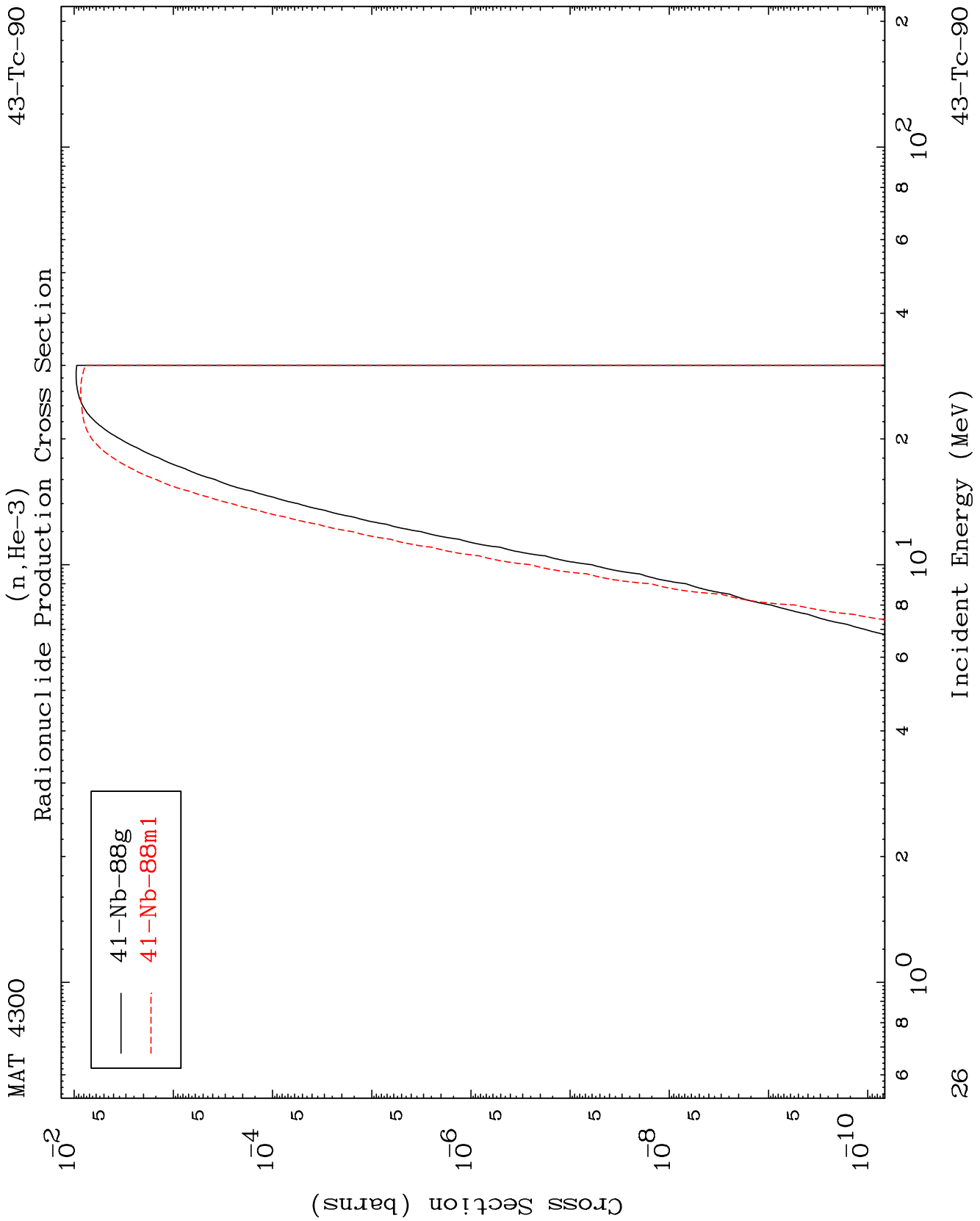


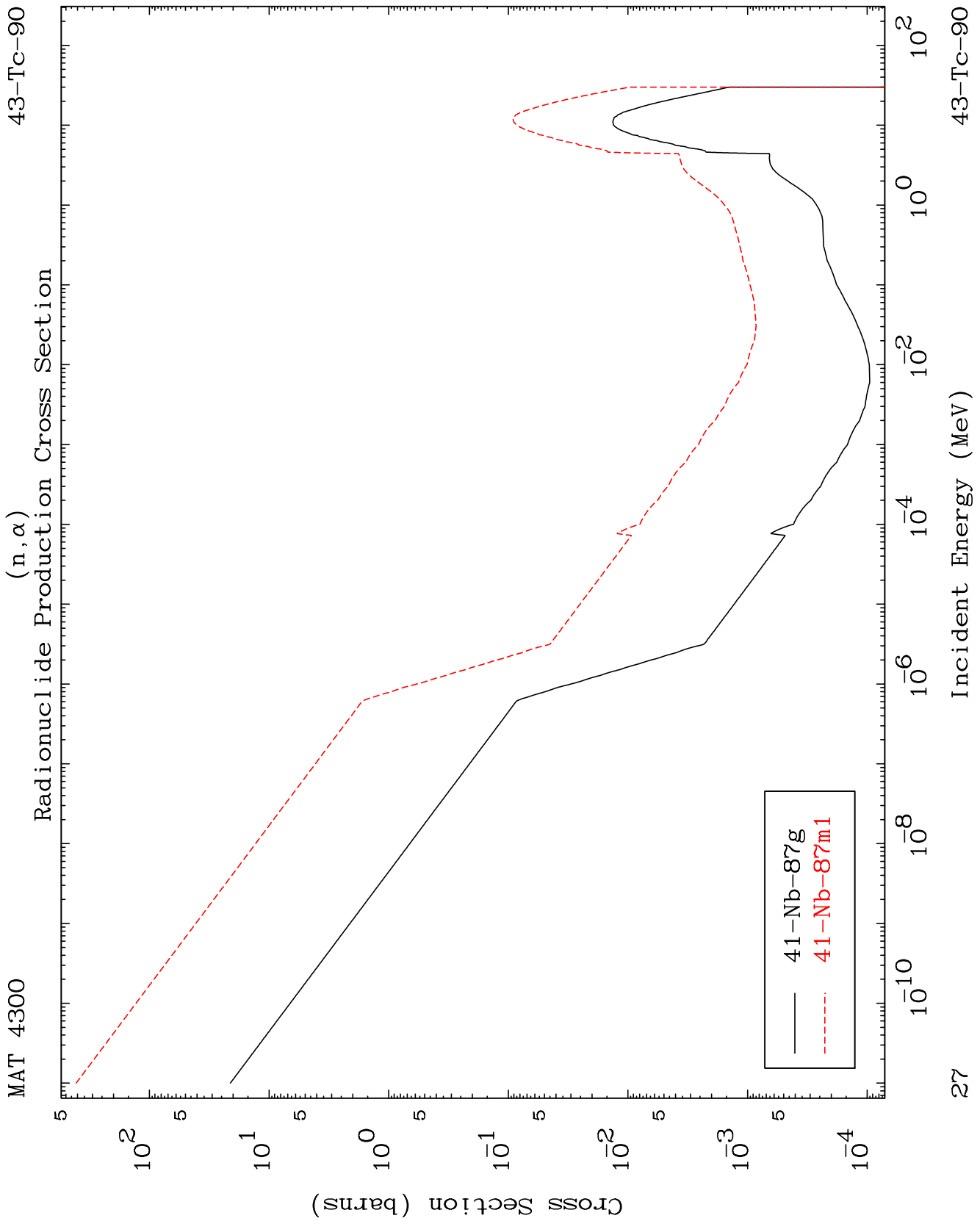
MAT 4300

(n,d)
Radionuclide Production Cross Section

43-Tc-90





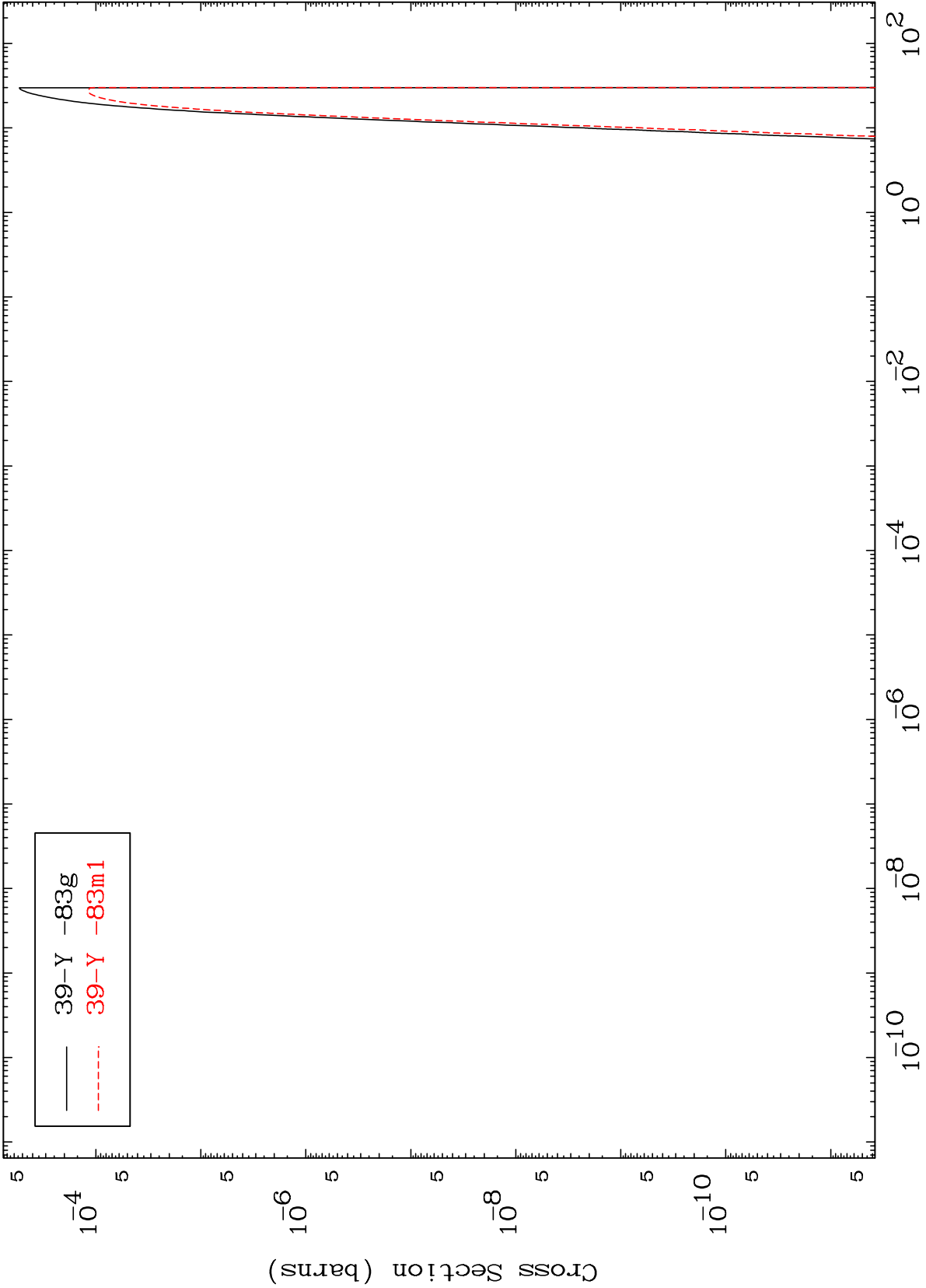


MAT 4300

(n,2α)

43-Tc-90

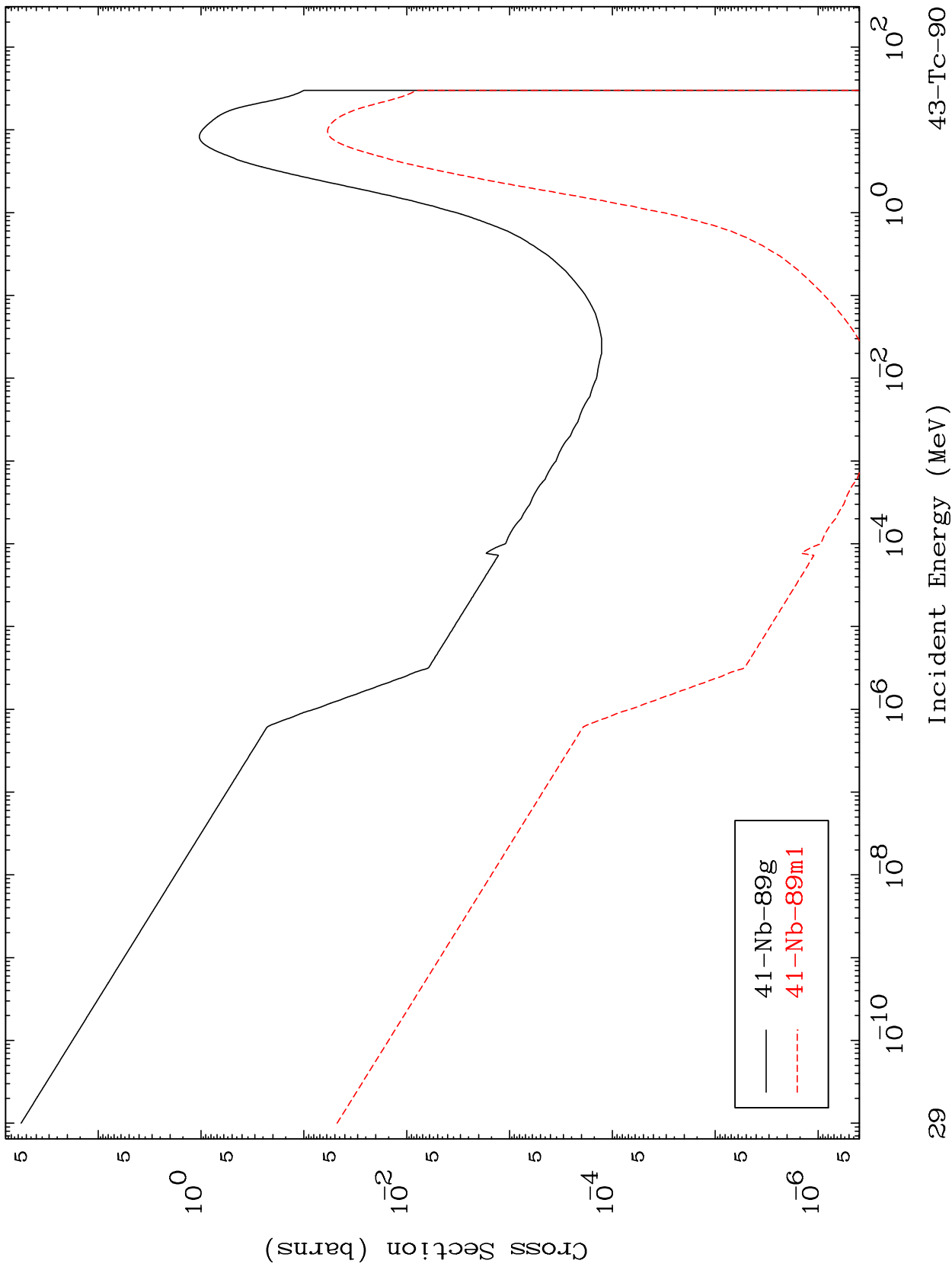
Radionuclide Production Cross Section



MAT 4300

43-Tc-90

(n,2p)
Radionuclide Production Cross Section

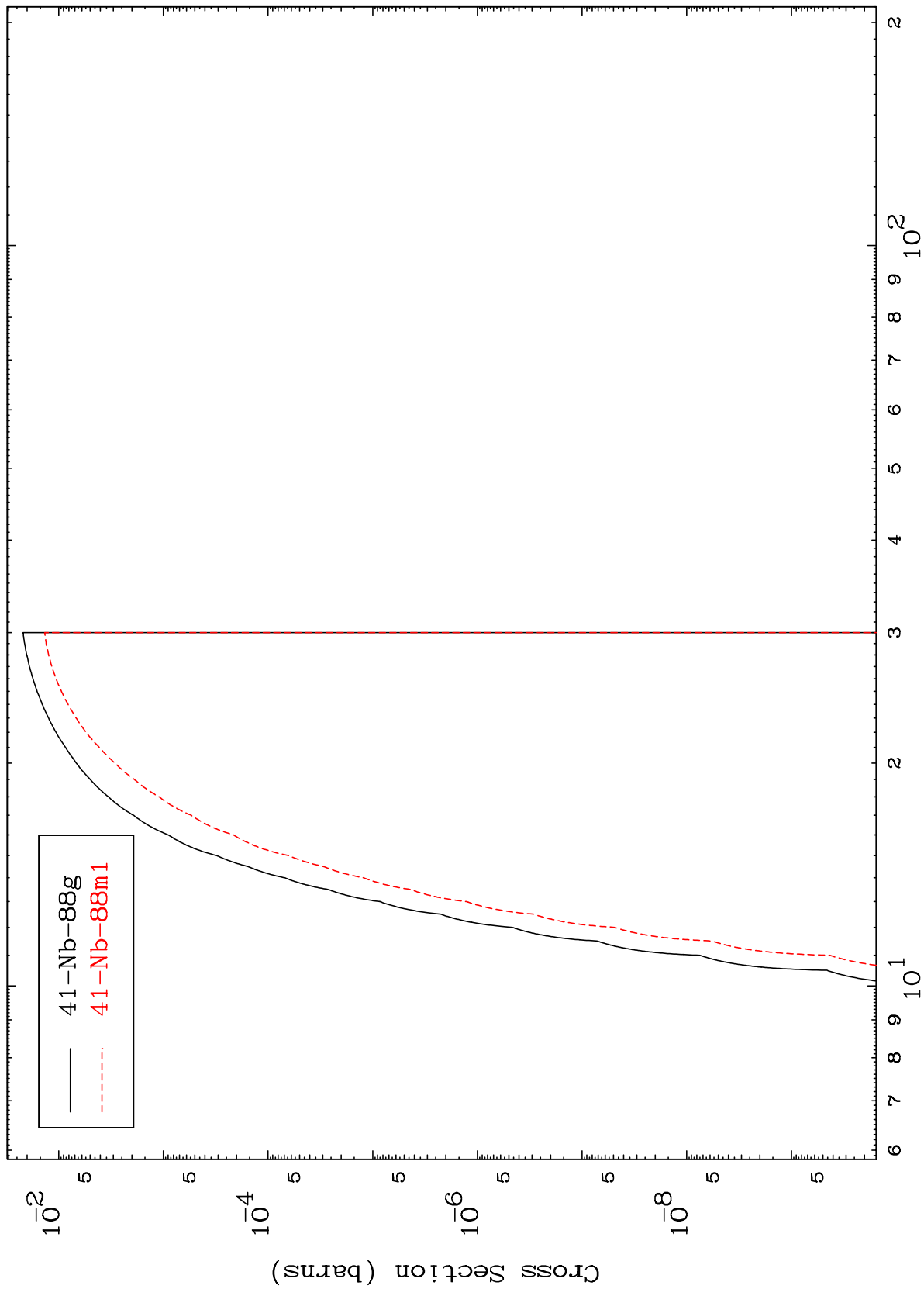


MAT 4300

(n,p) d

43-Tc-90

Radionuclide Production Cross Section



30

Incident Energy (MeV)

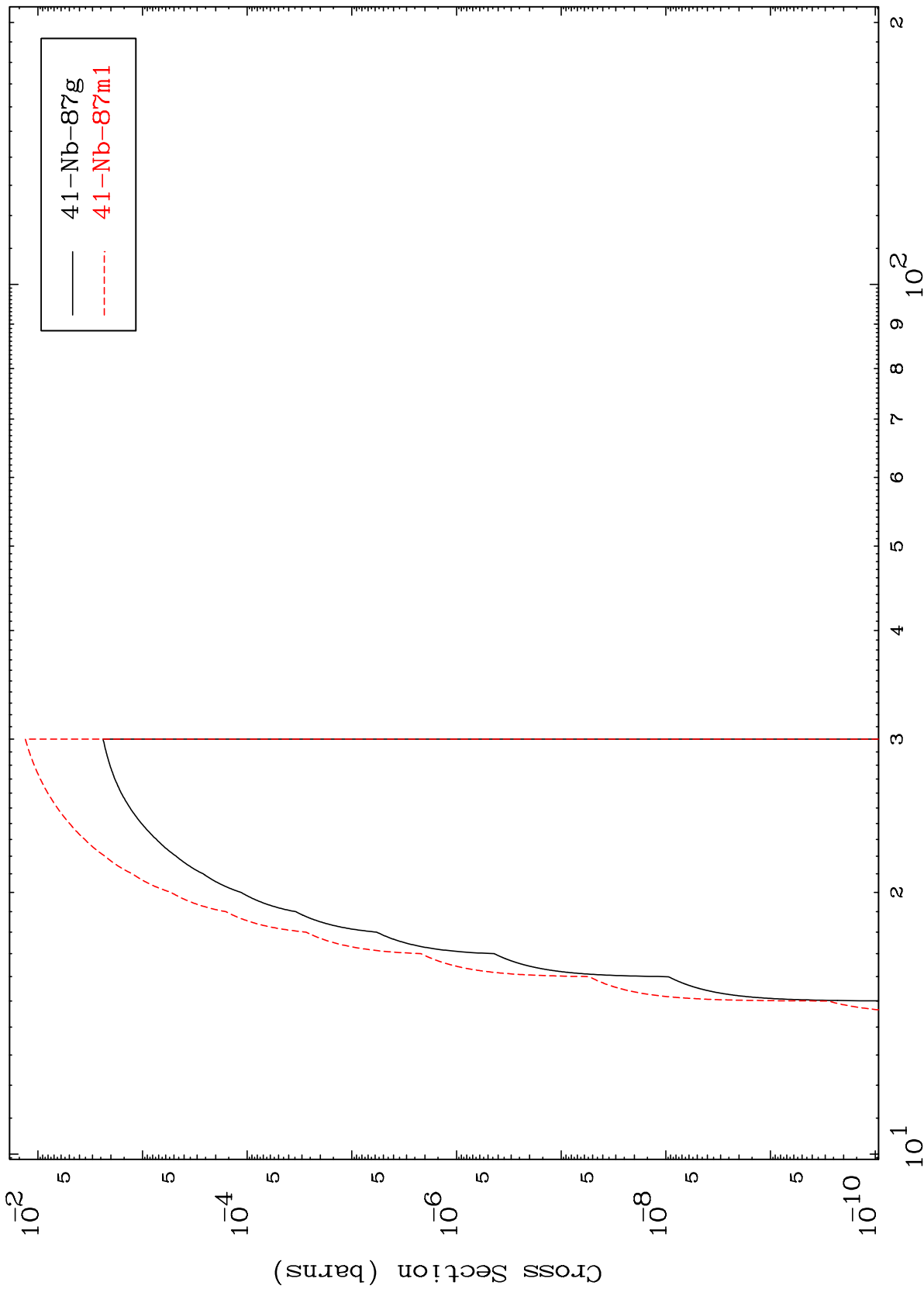
43-Tc-90

MAT 4300

(n,p) t

43-Tc-90

Radionuclide Production Cross Section



41-Nb-87g
41-Nb-87m1

Incident Energy (MeV)

43-Tc-90

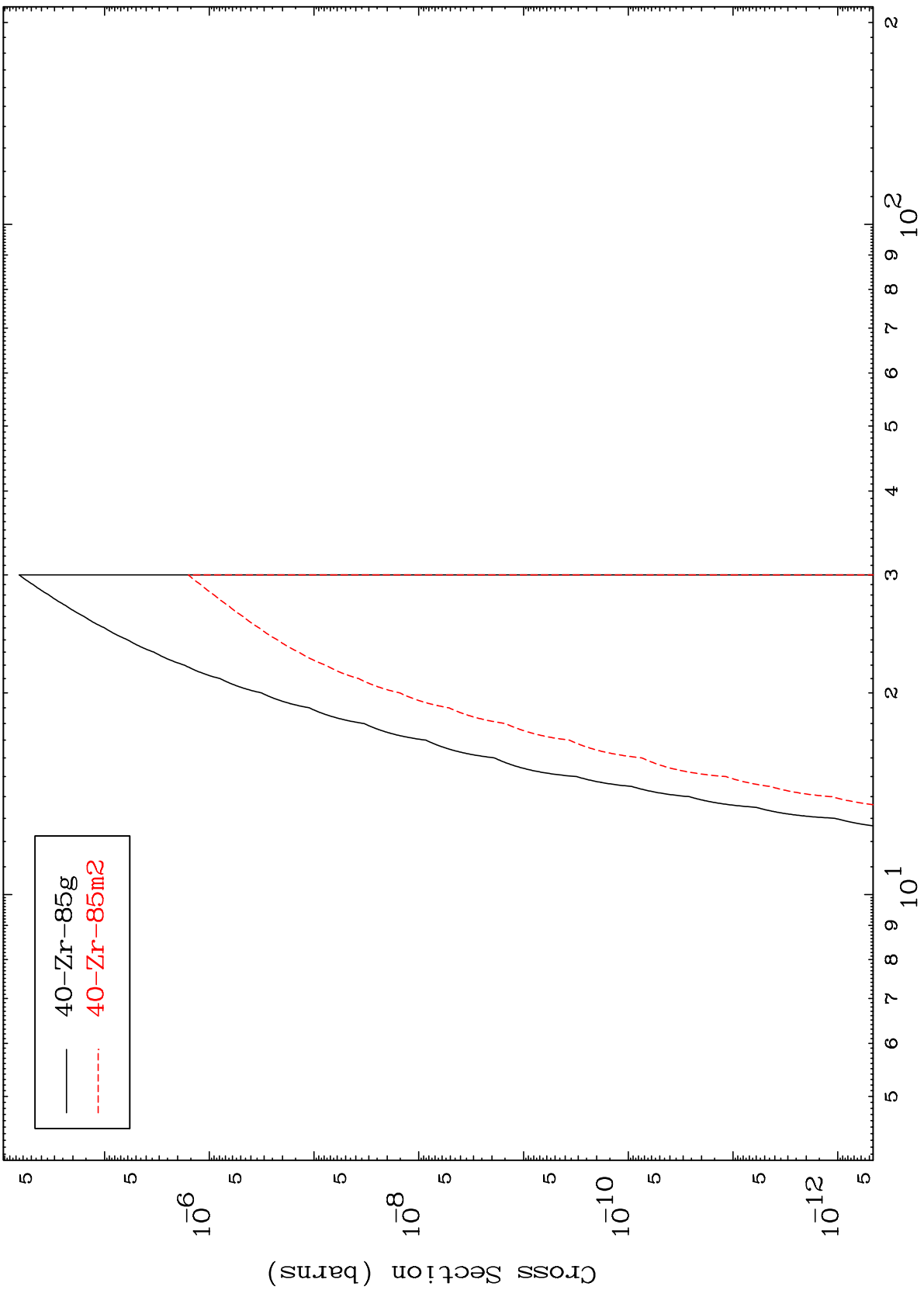
31

MAT 4300

(n,d) α

43-Tc-90

Radionuclide Production Cross Section



32

Incident Energy (MeV)

43-Tc-90