

Program EVALPLOT
(Version 2015-2)

by

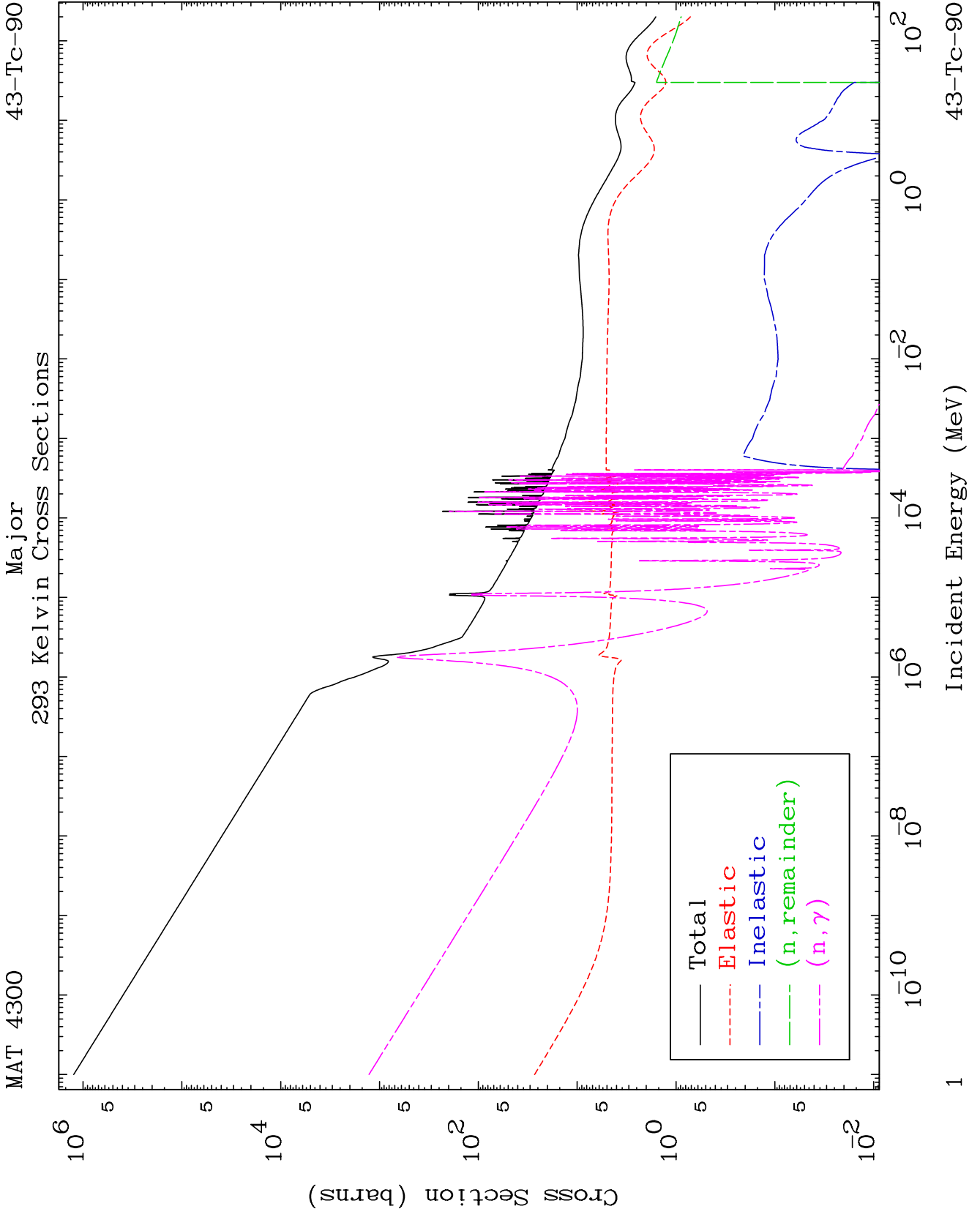
Dermott E. Cullen
(Present Contact Information)

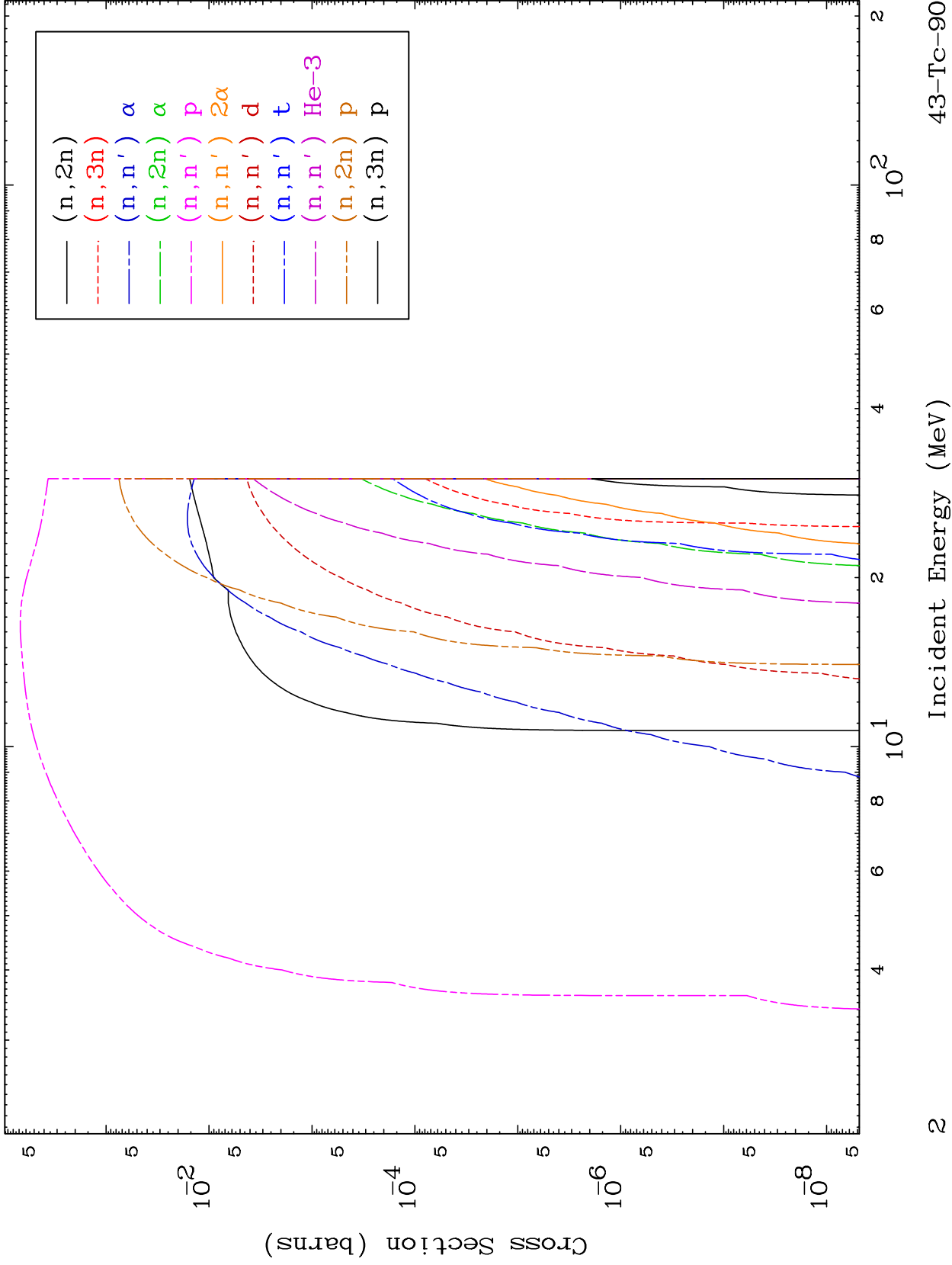
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Press Mouse Button to Start

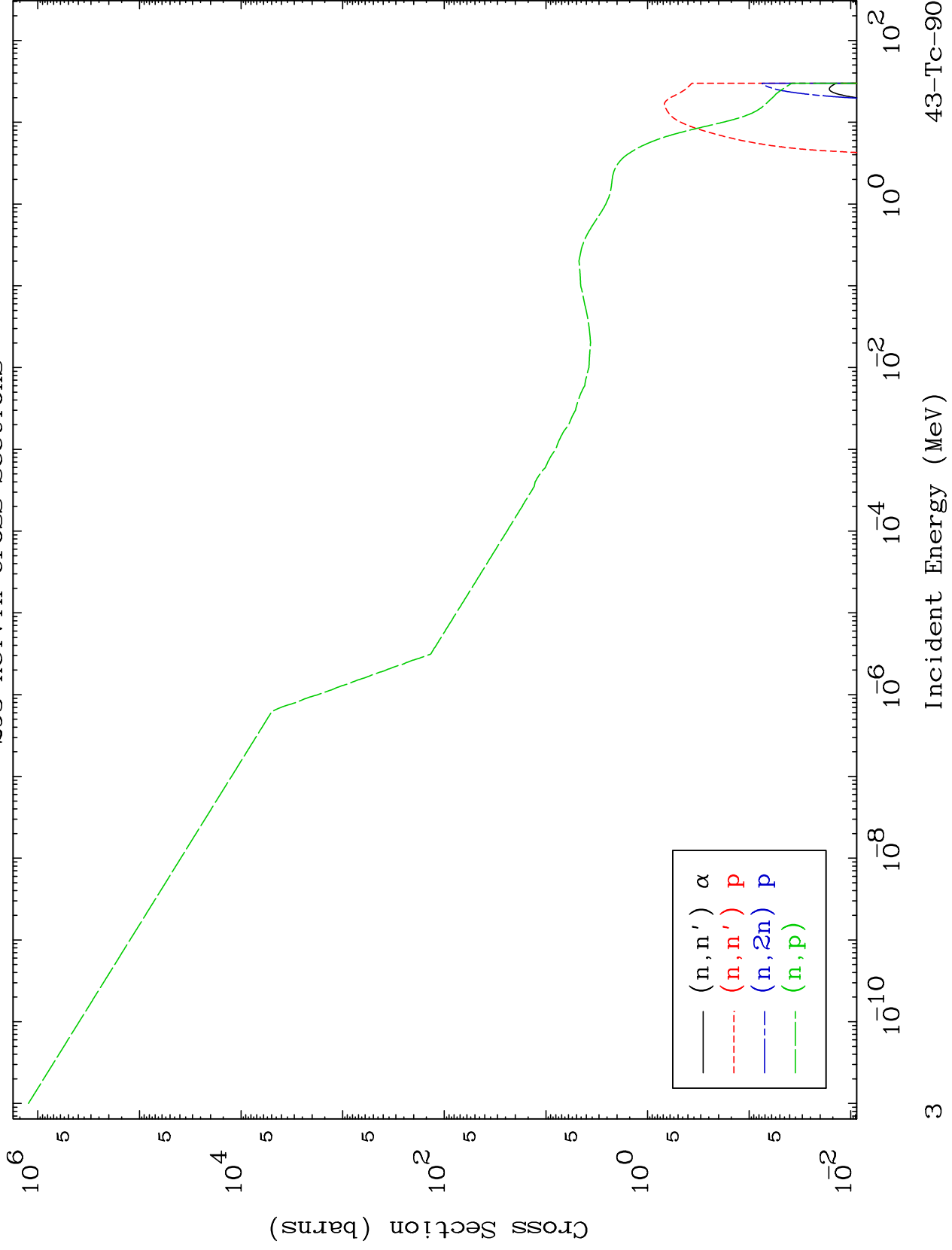


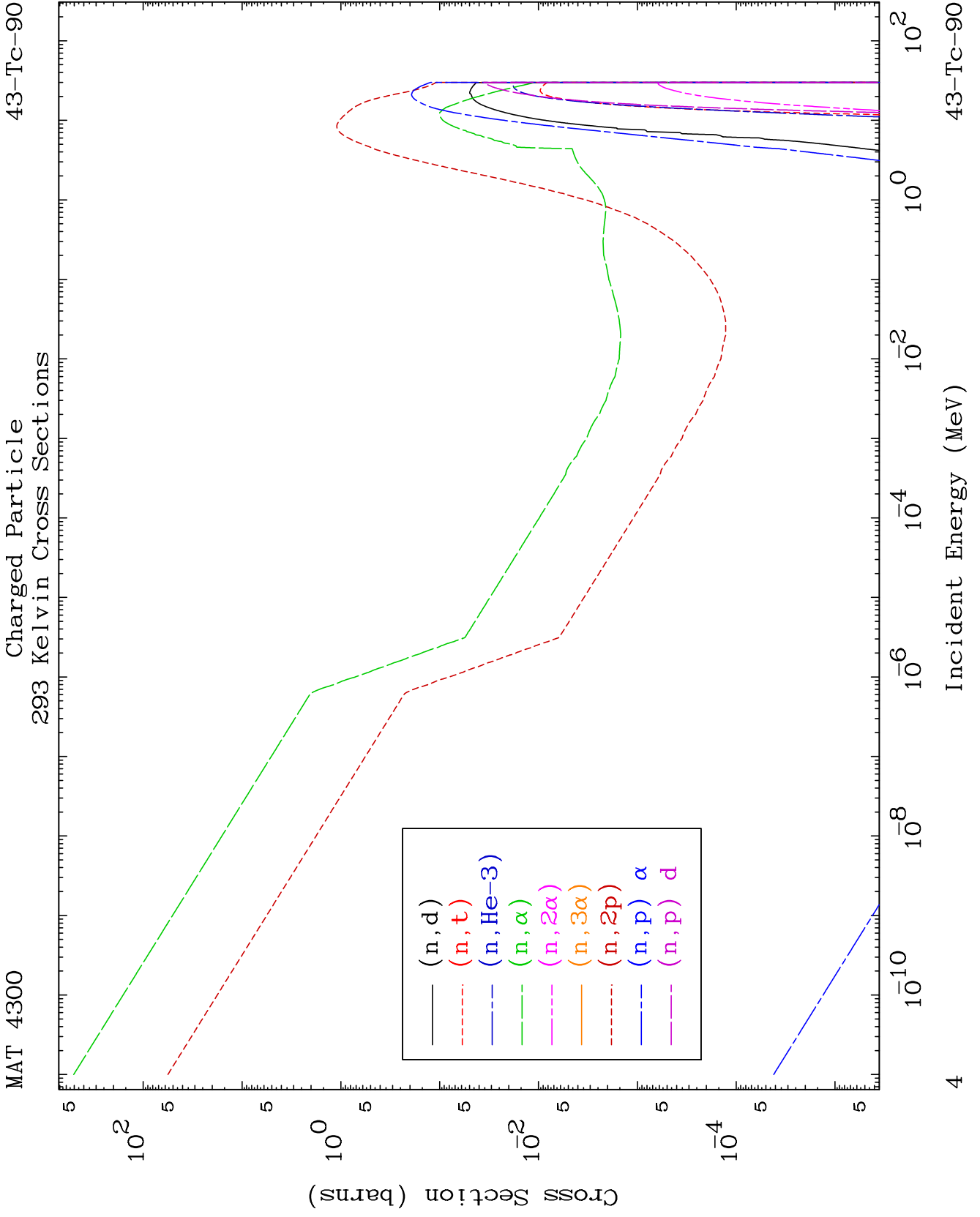


MAT 4300

Charged Particle
293 Kelvin Cross Sections

43-Tc-90

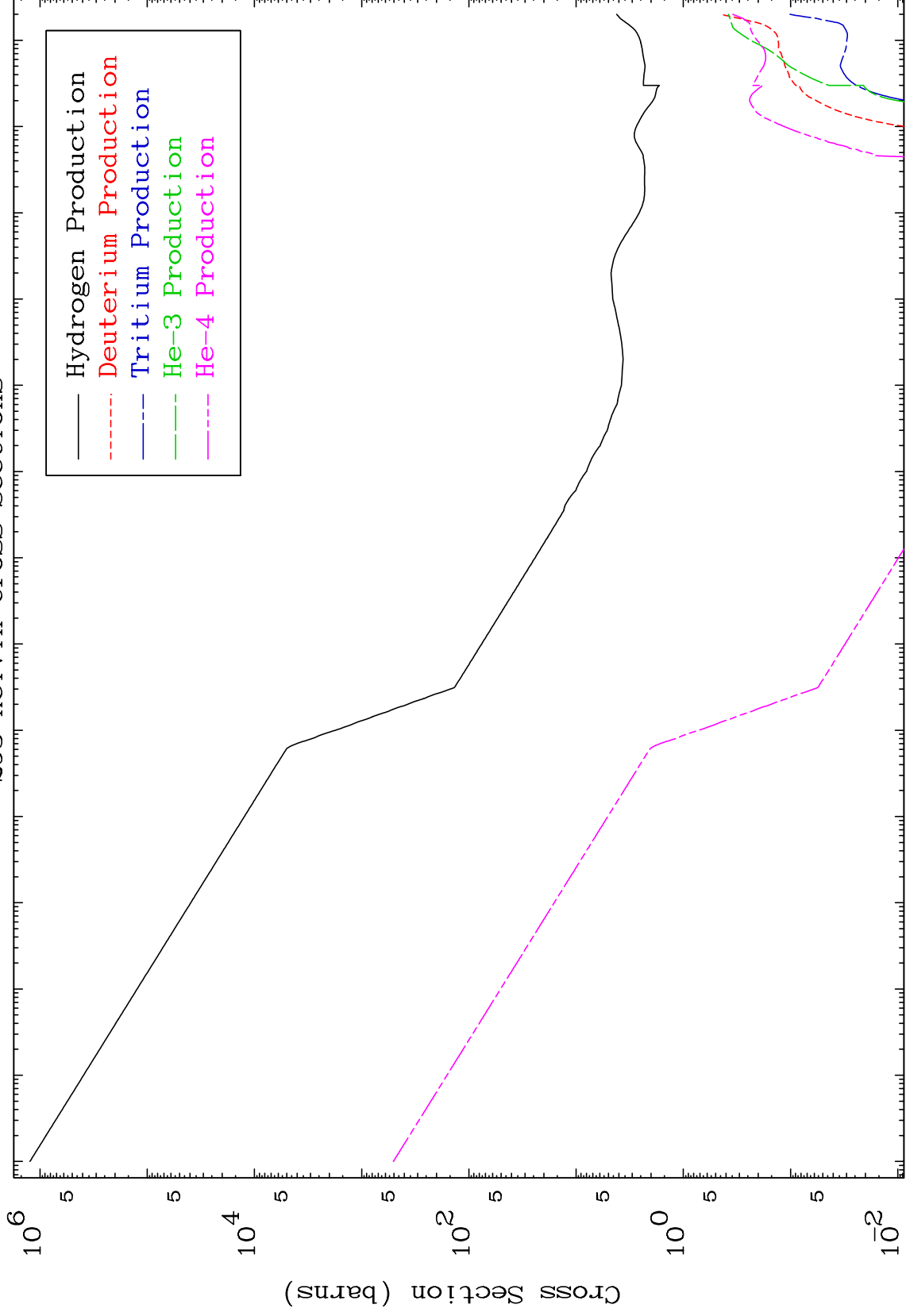




MAT 4300

Particle Production
293 Kelvin Cross Sections

43-Tc-90



5

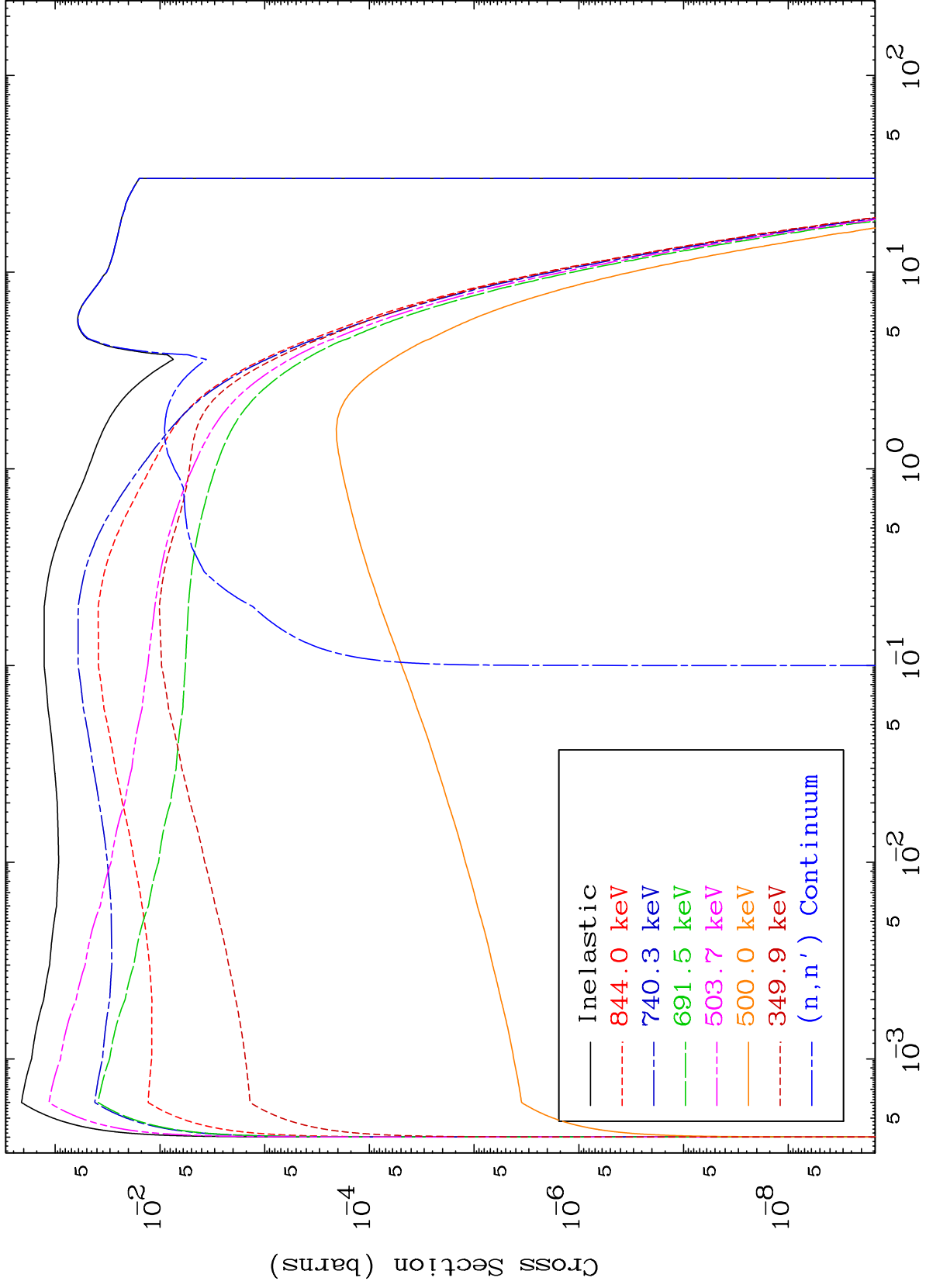
Incident Energy (MeV)

43-Tc-90

MAT 4300

(n,n') Level
293 Kelvin Cross Sections

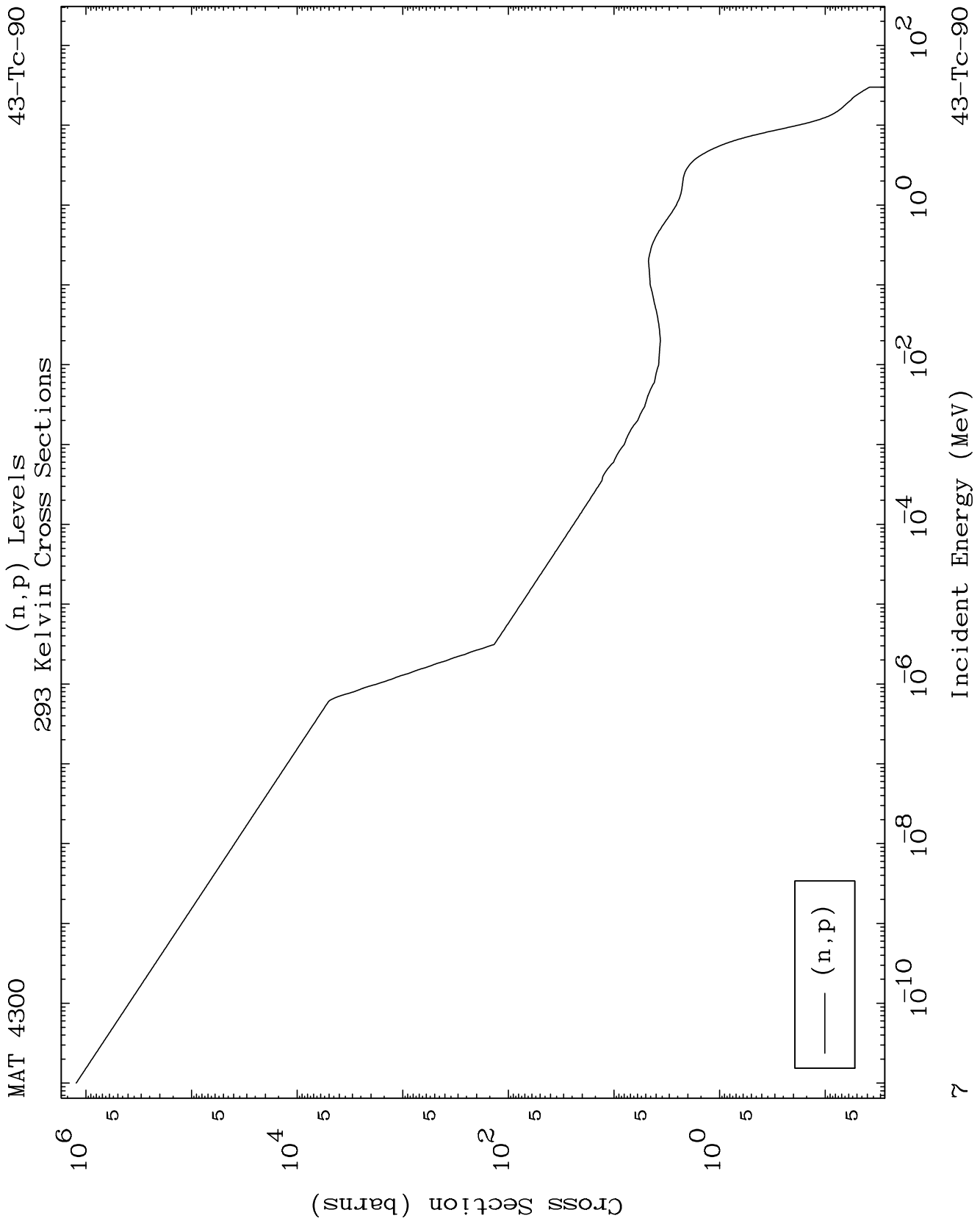
43-Tc-90



6

Incident Energy (MeV)

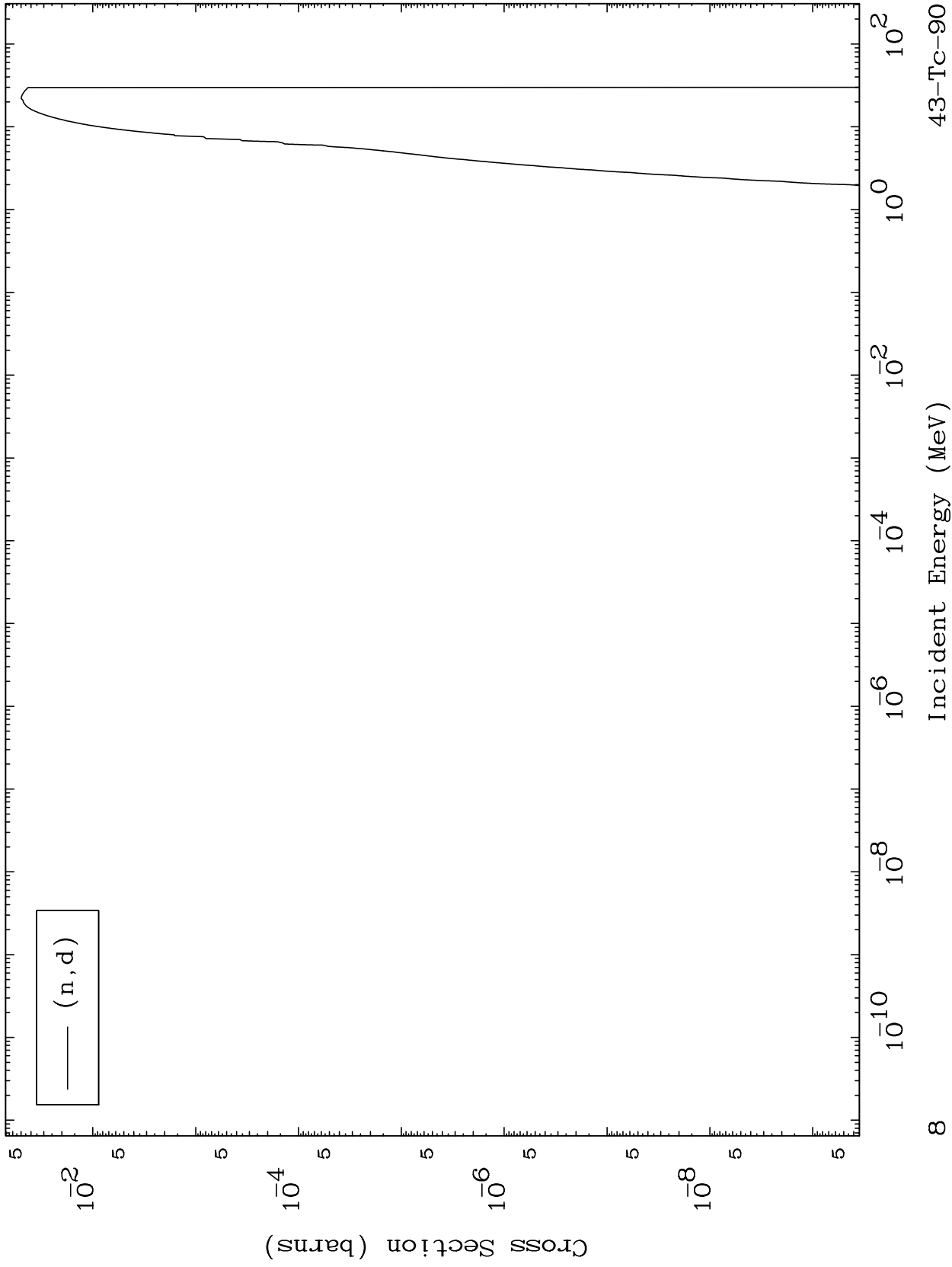
43-Tc-90



MAT 4300

(n,d) Levels
293 Kelvin Cross Sections

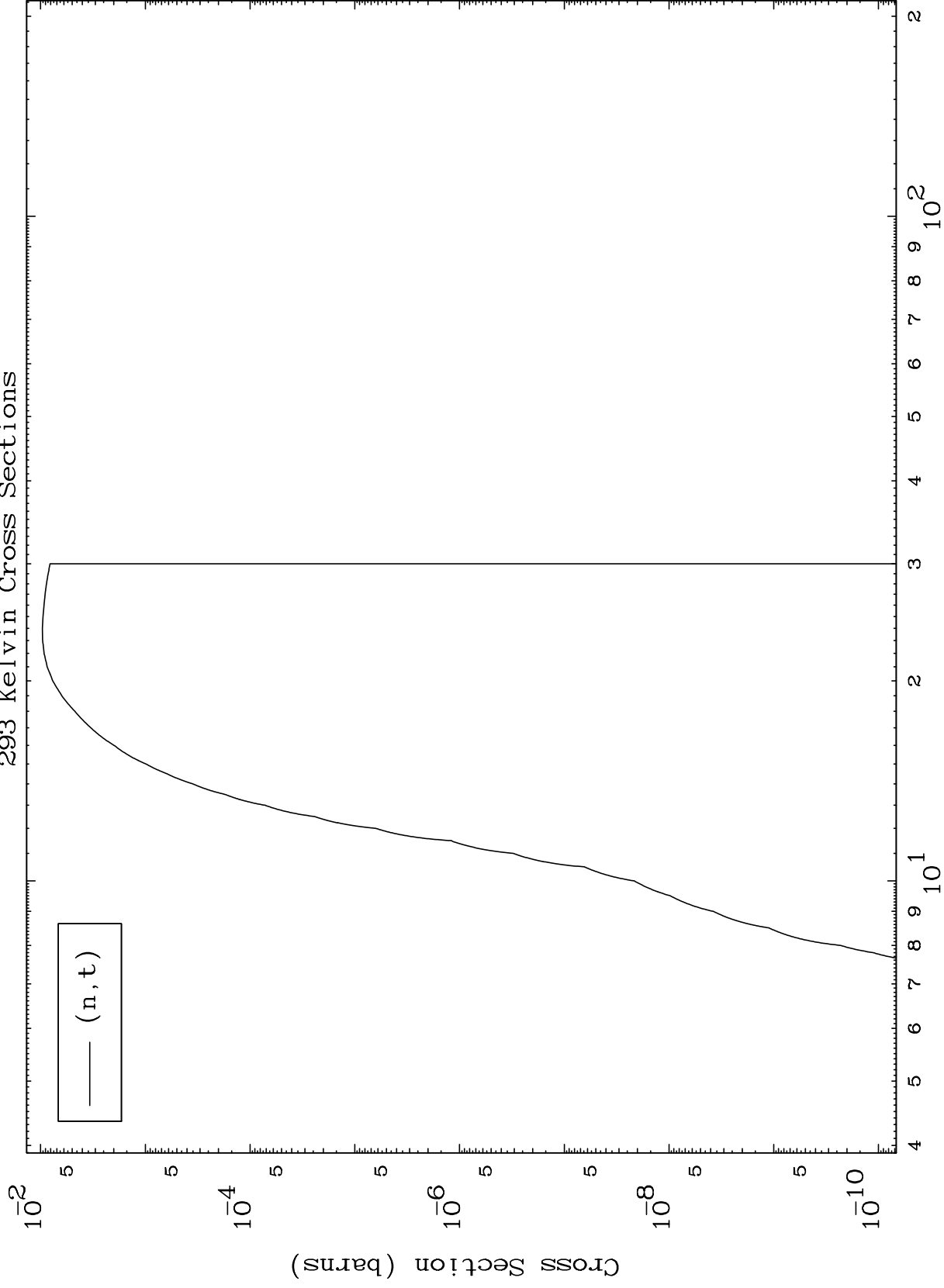
43-Tc-90



MAT 4300

(n,t) Levels
293 Kelvin Cross Sections

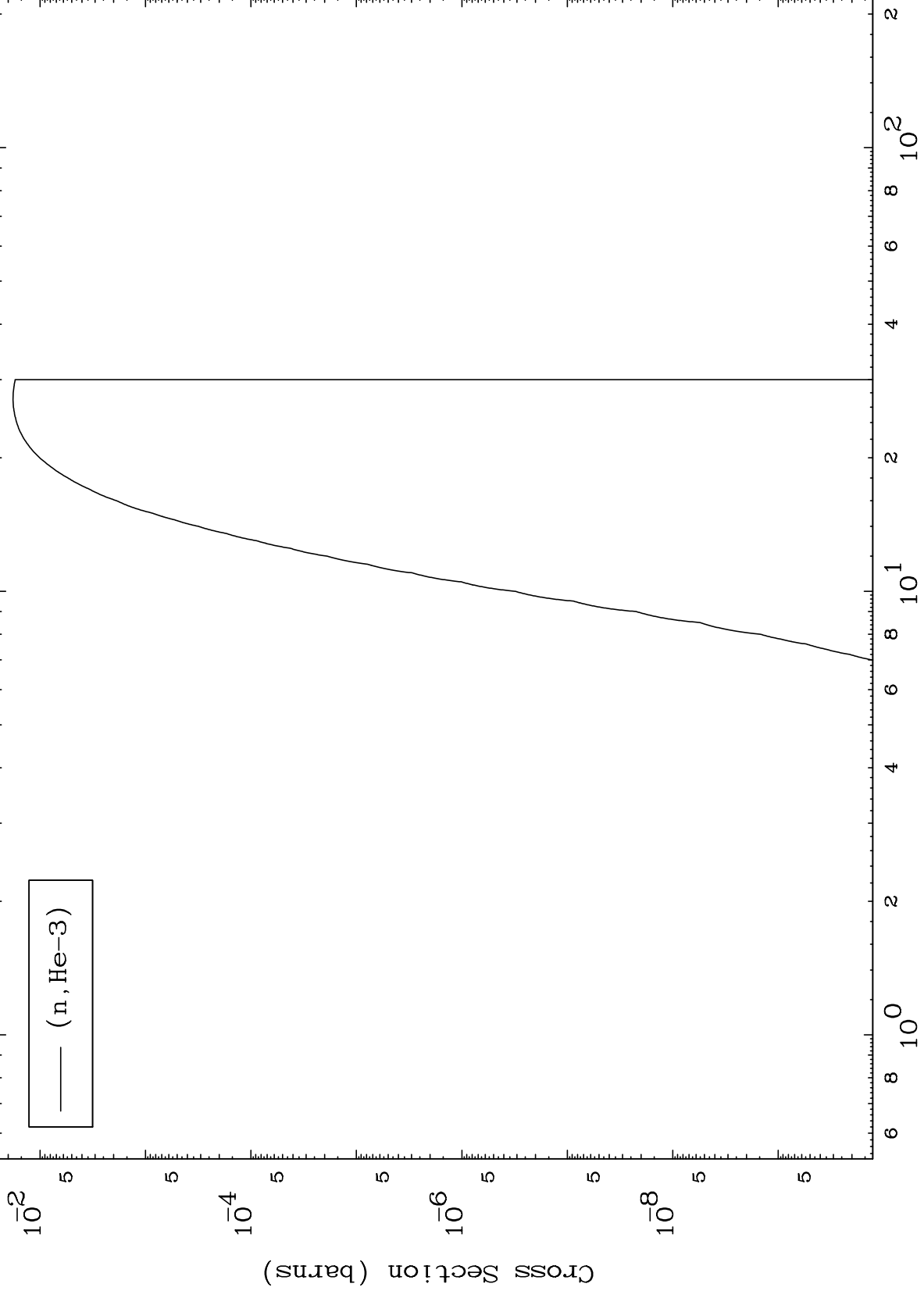
43-Tc-90



MAT 4300

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-90

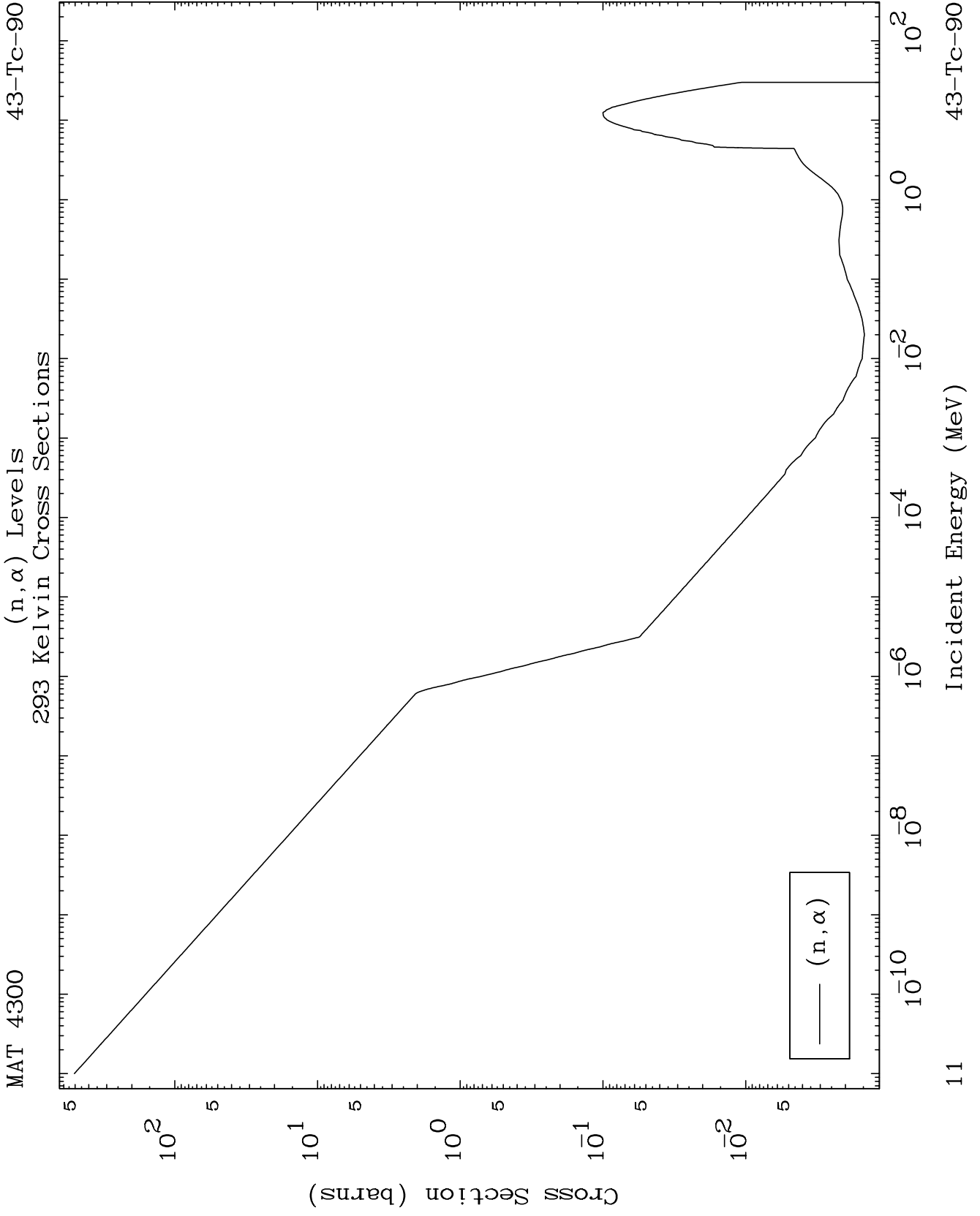


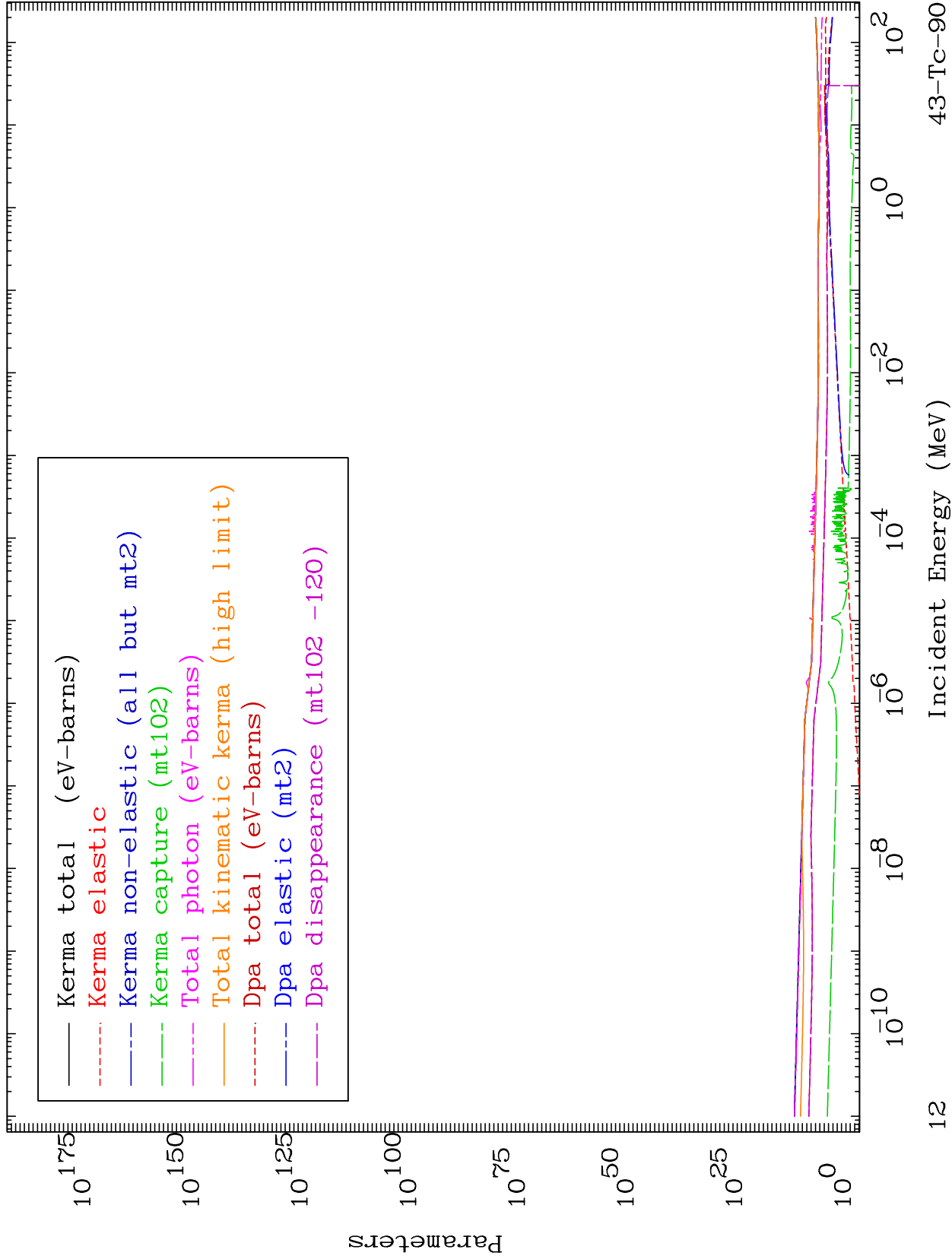
(n, He-3)

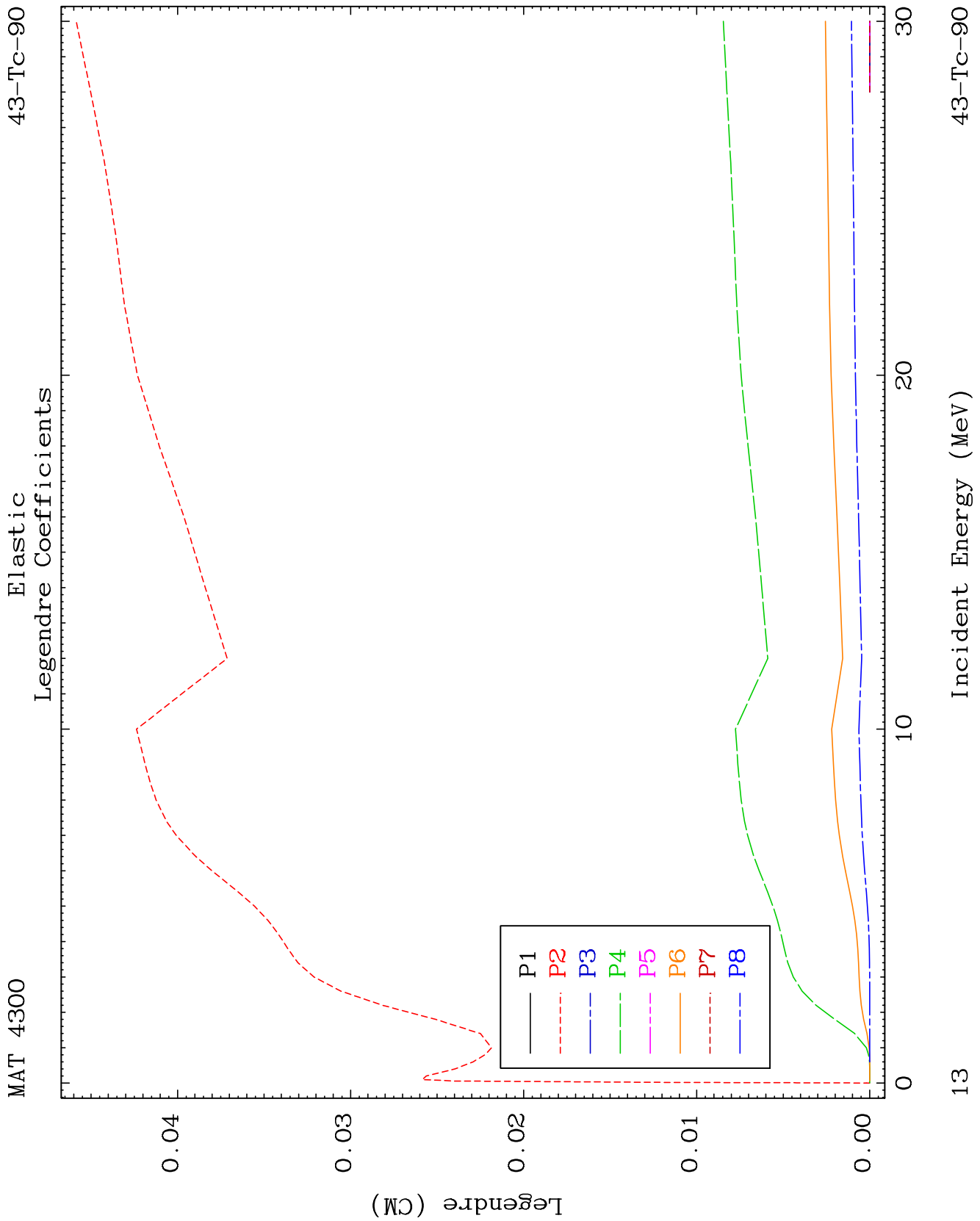
10

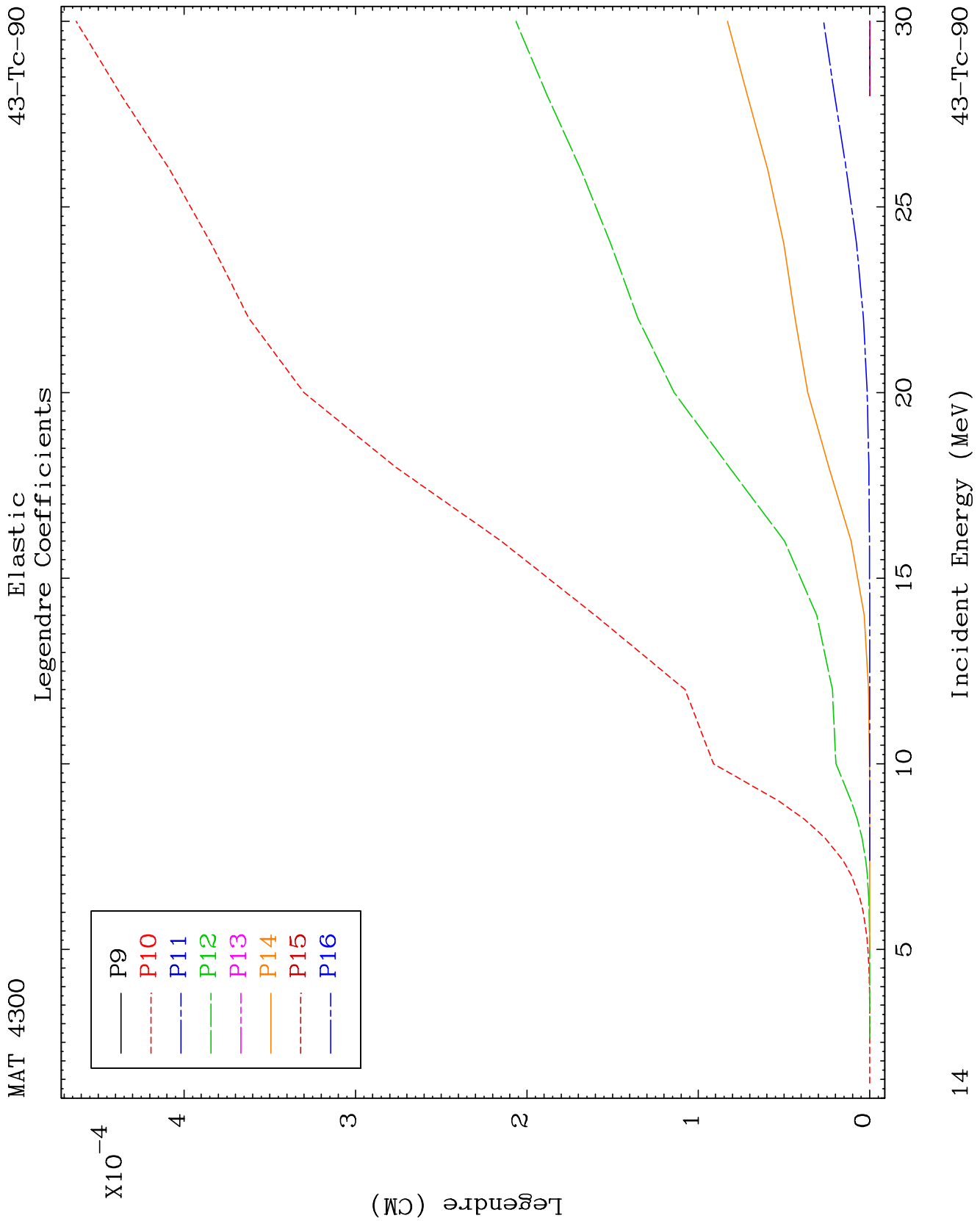
Incident Energy (MeV)

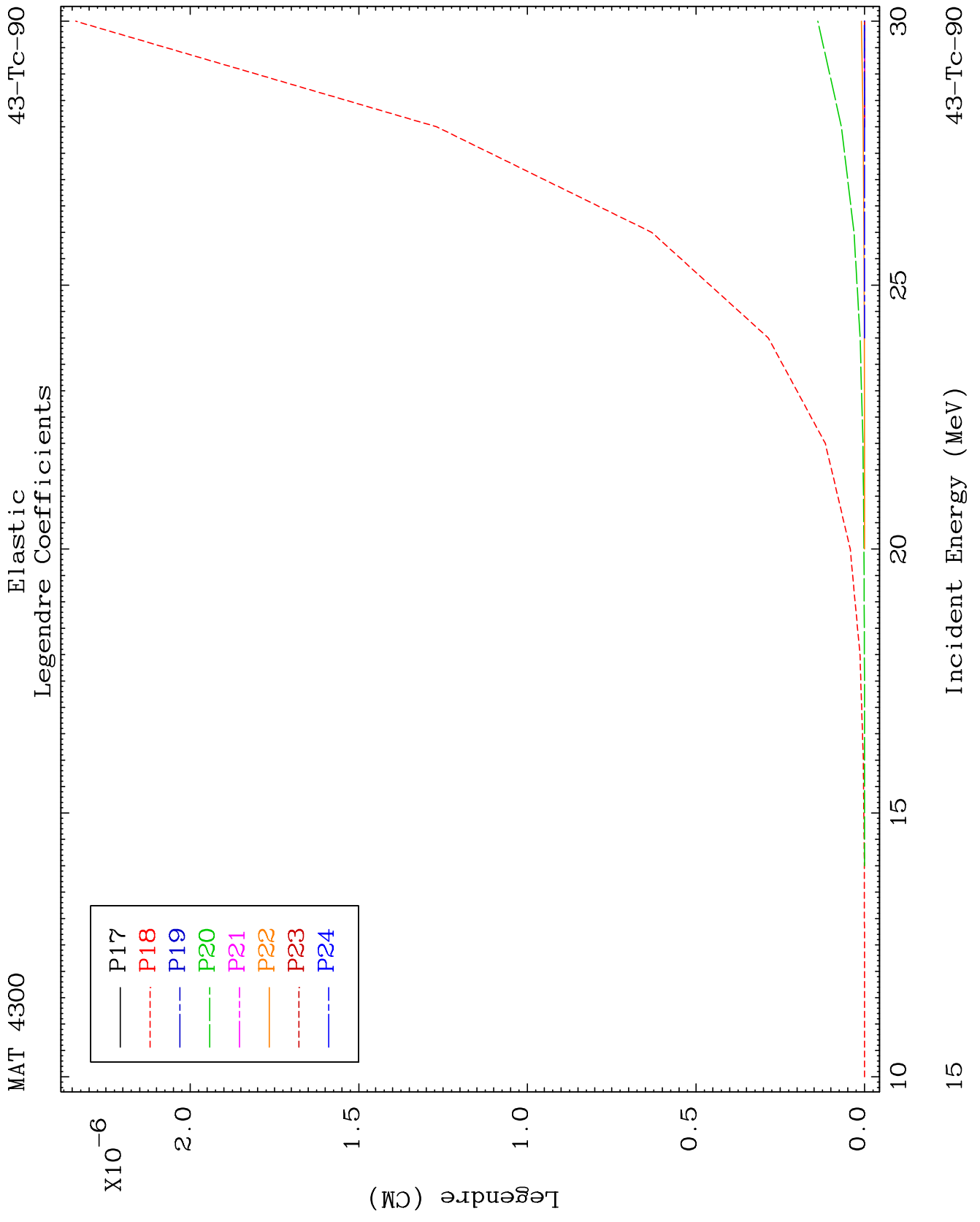
43-Tc-90







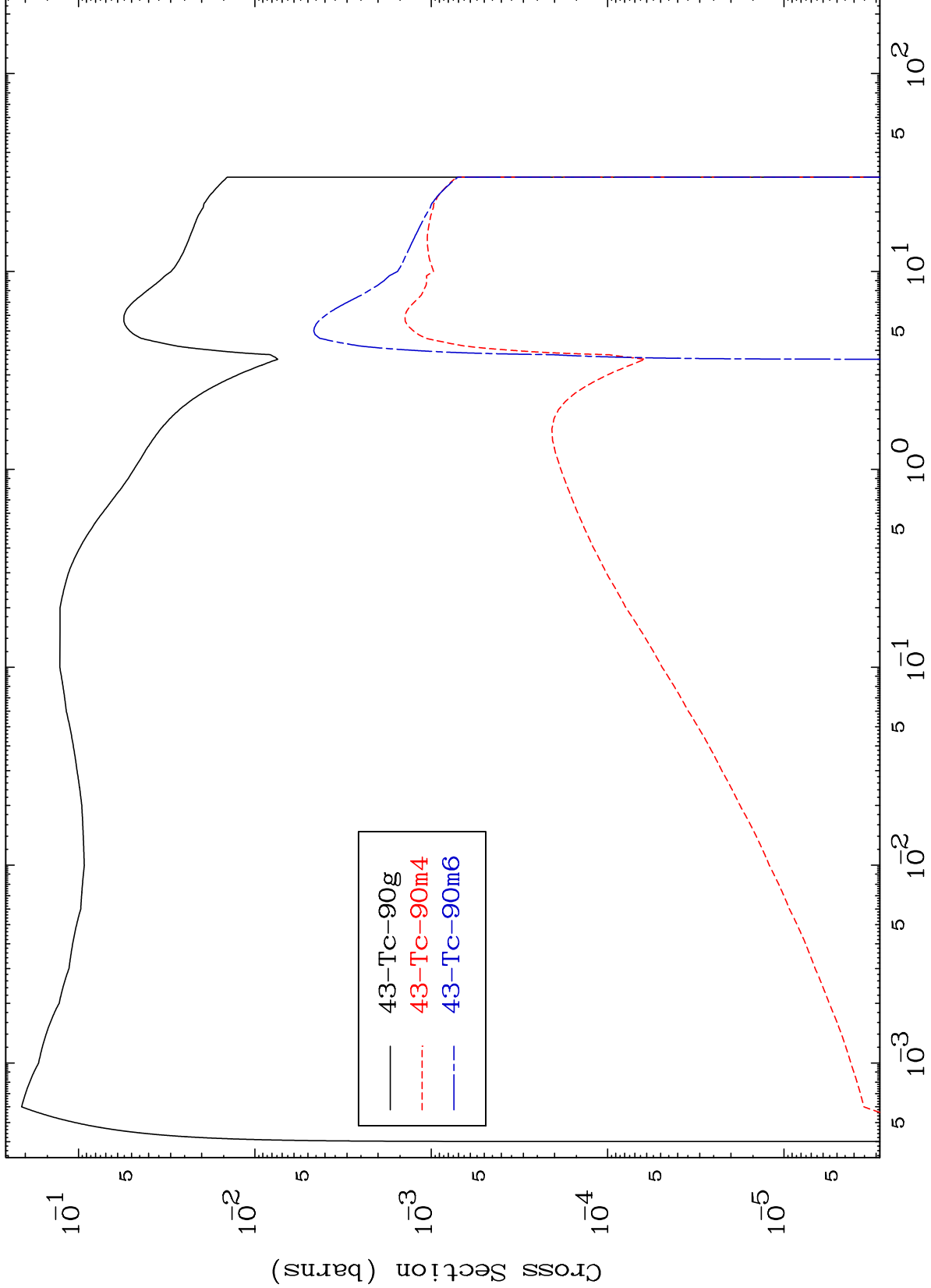




MAT 4300

Inelastic
Radionuclide Production Cross Section

43-Tc-90



16

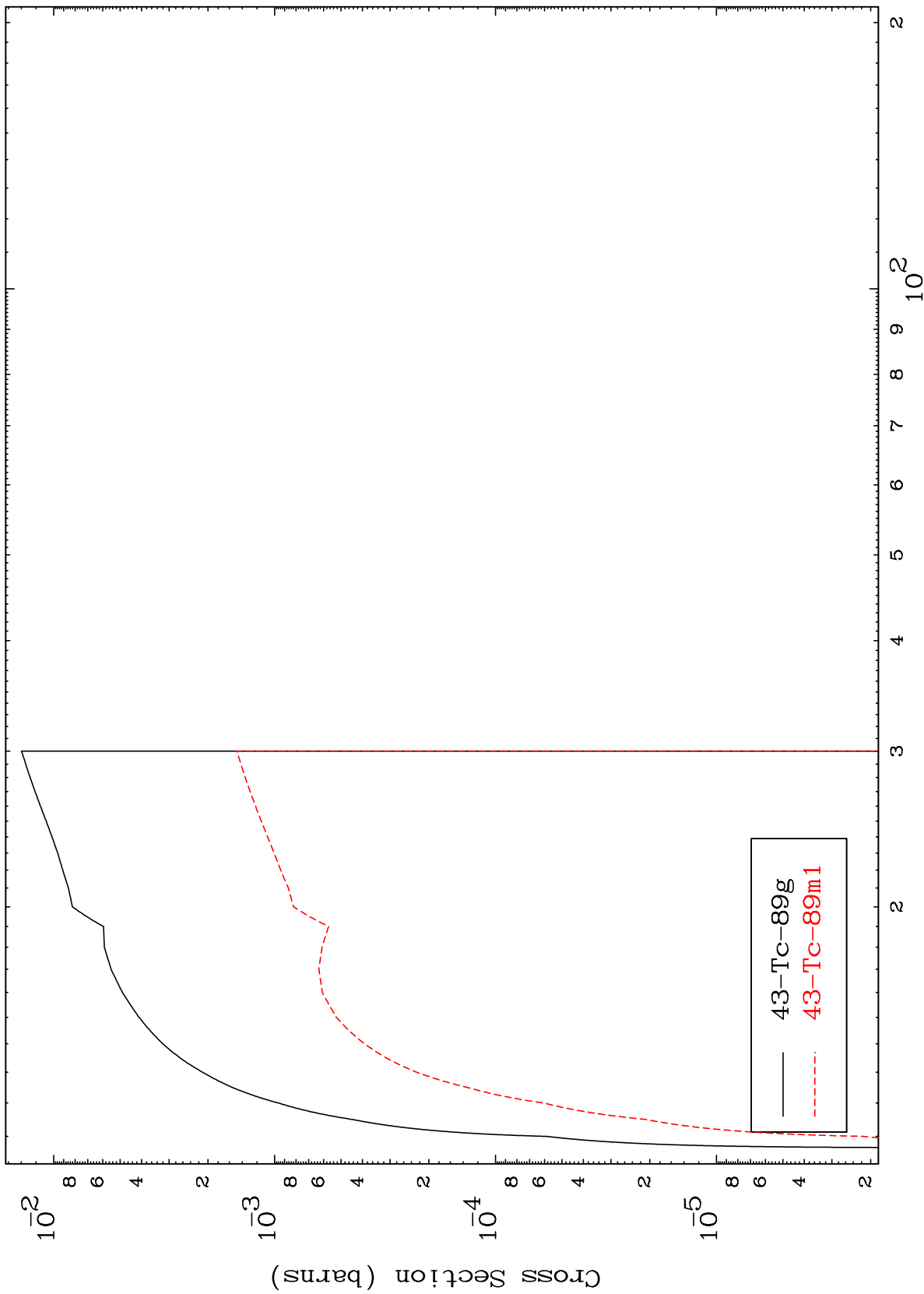
Incident Energy (MeV)

43-Tc-90

MAT 4300

⁴³Tc-90

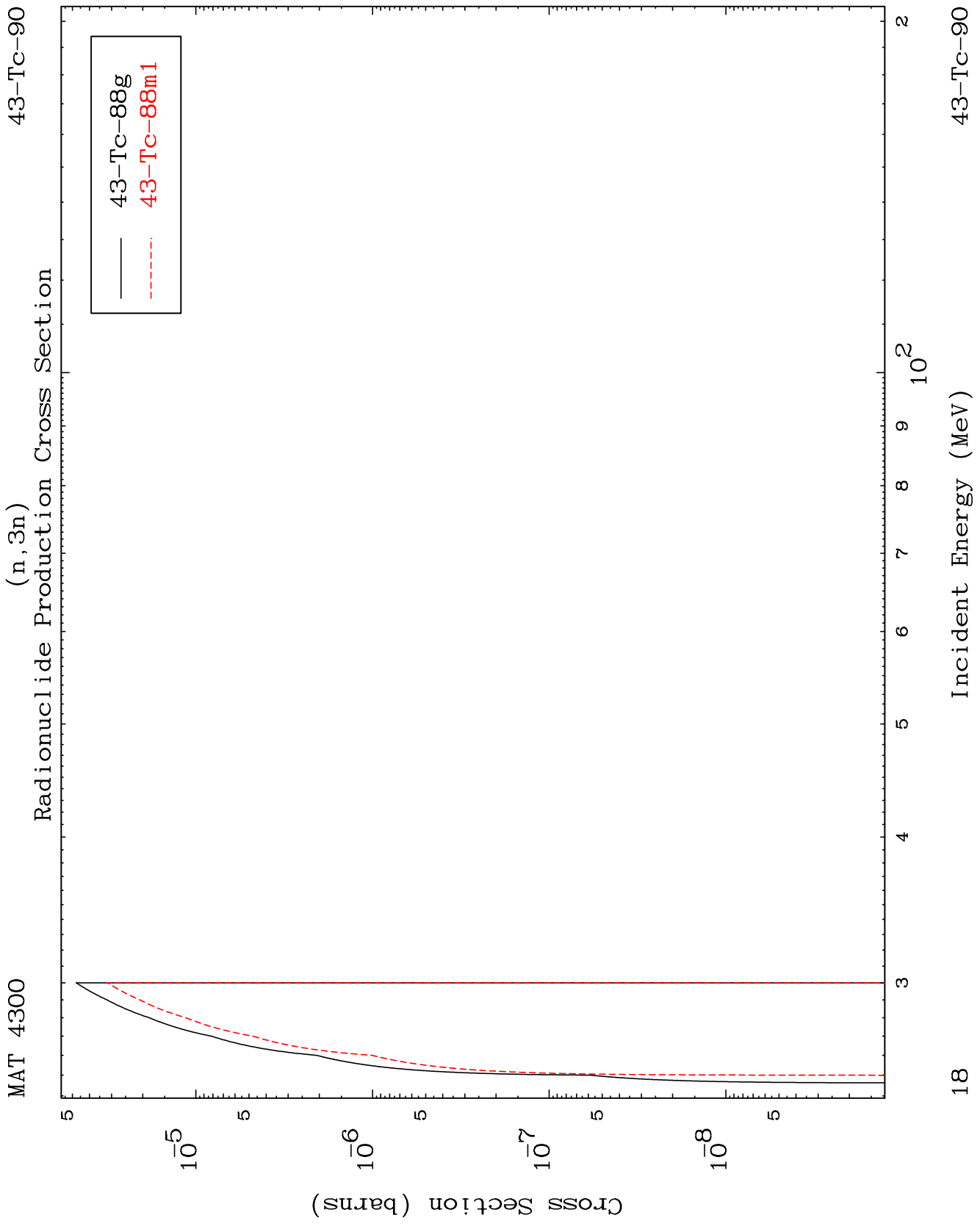
(n,2n)
Radionuclide Production Cross Section



⁴³Tc-90

Incident Energy (MeV)

17

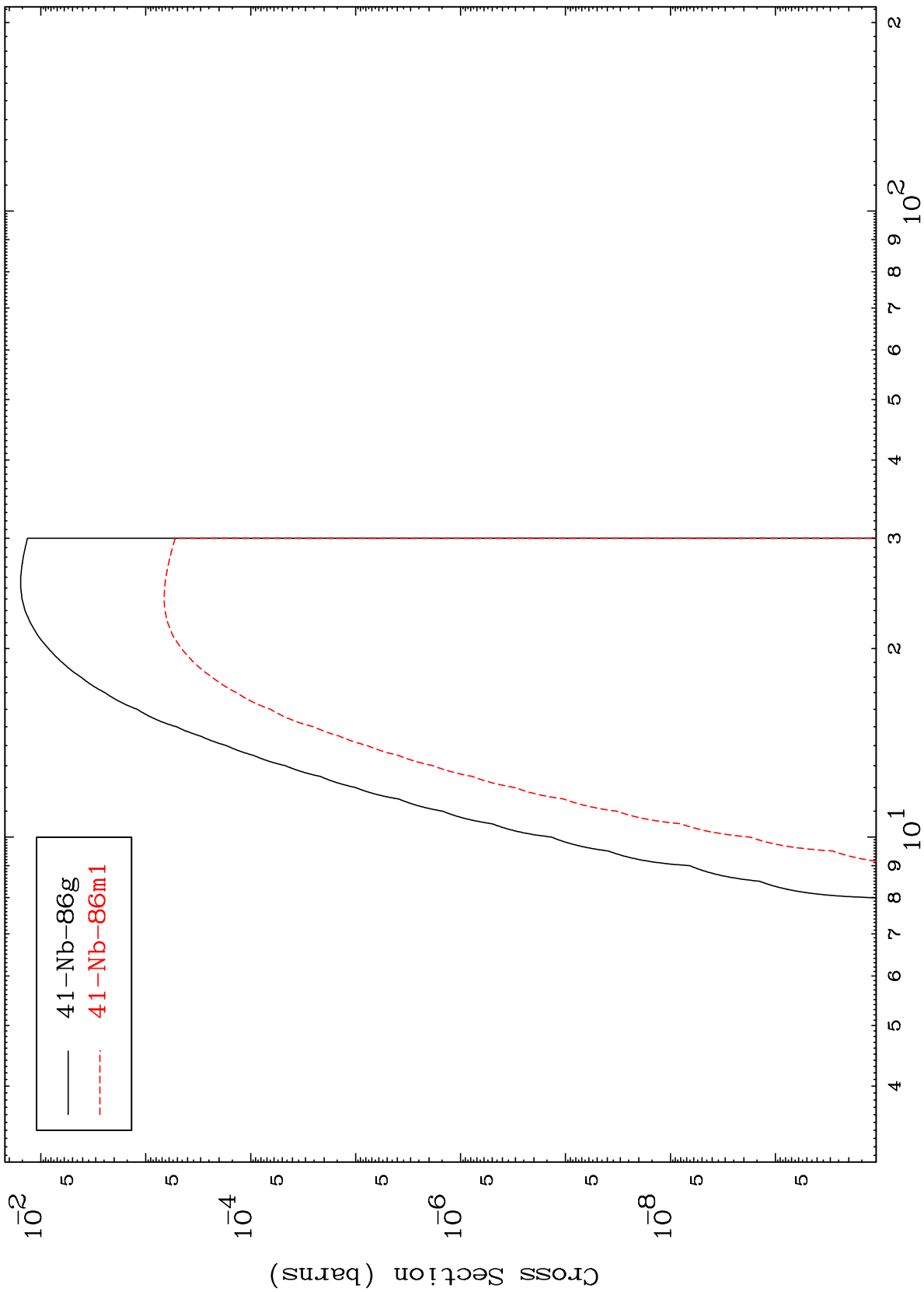


MAT 4300

(n,n') α

43-Tc-90

Radionuclide Production Cross Section

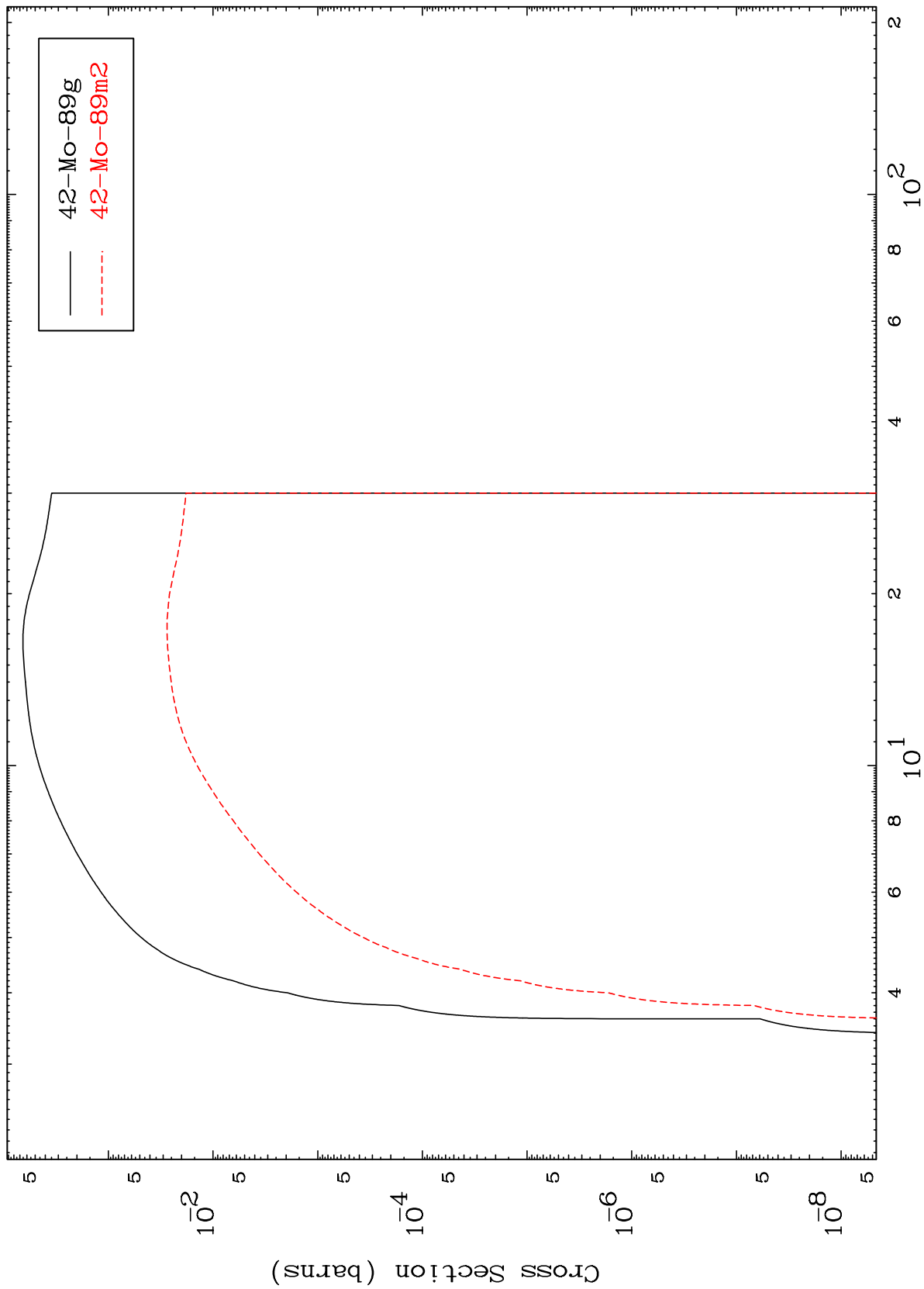


MAT 4300

(n,n') p

43-Tc-90

Radionuclide Production Cross Section



20

Incident Energy (MeV)

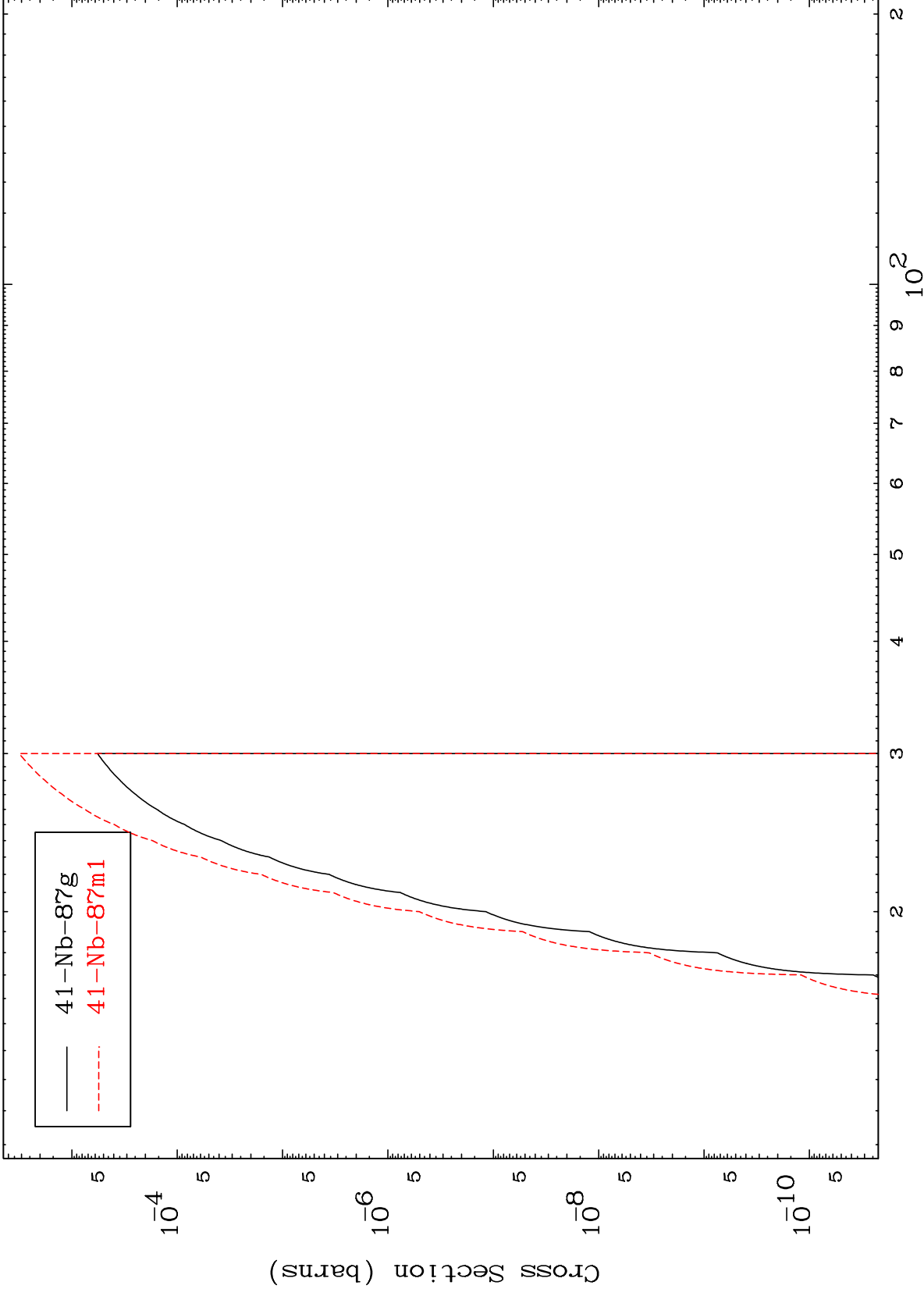
43-Tc-90

MAT 4300

(n,n') He-3

43-Tc-90

Radionuclide Production Cross Section

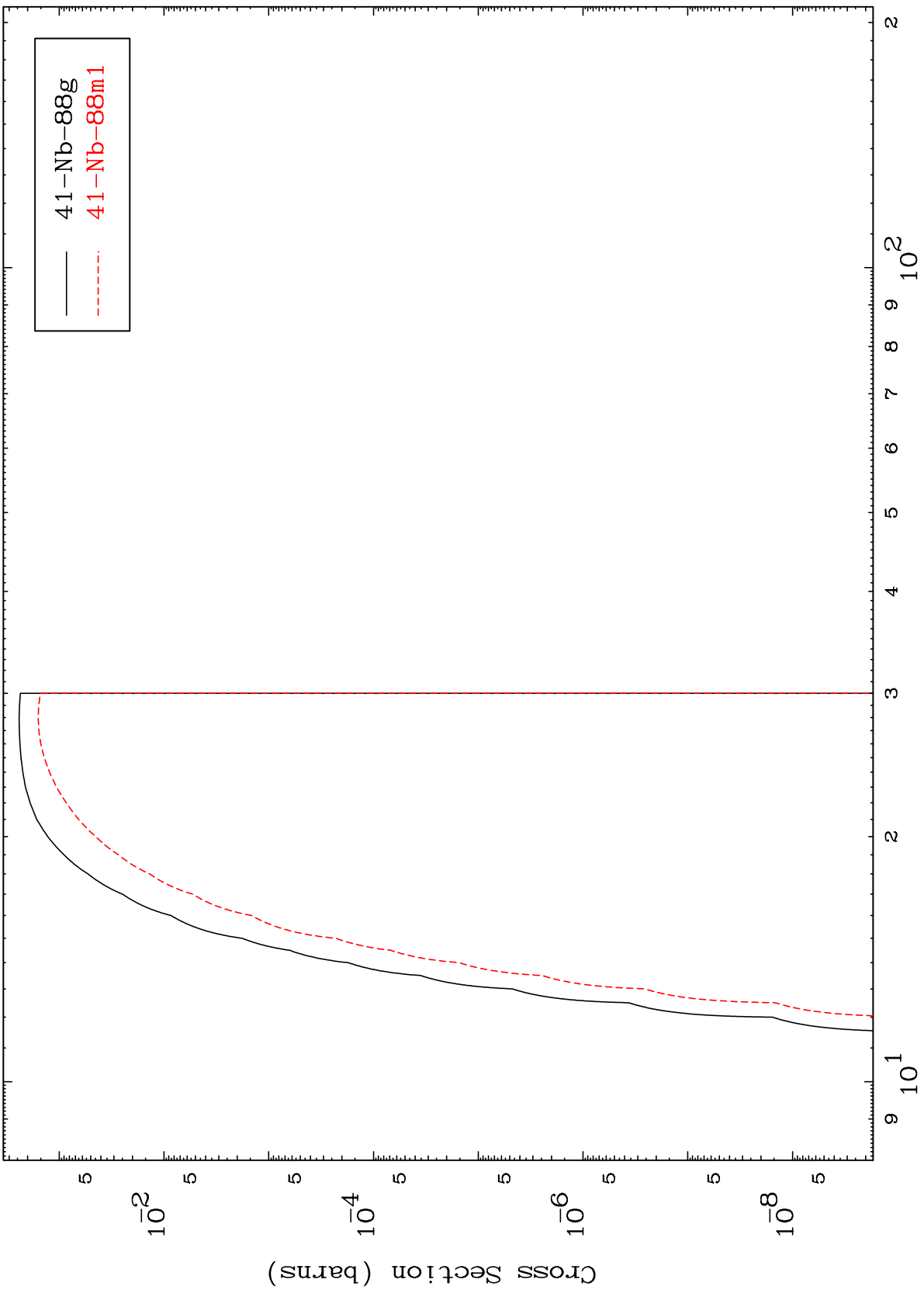


MAT 4300

(n,2n) p

43-Tc-90

Radionuclide Production Cross Section



22

Incident Energy (MeV)

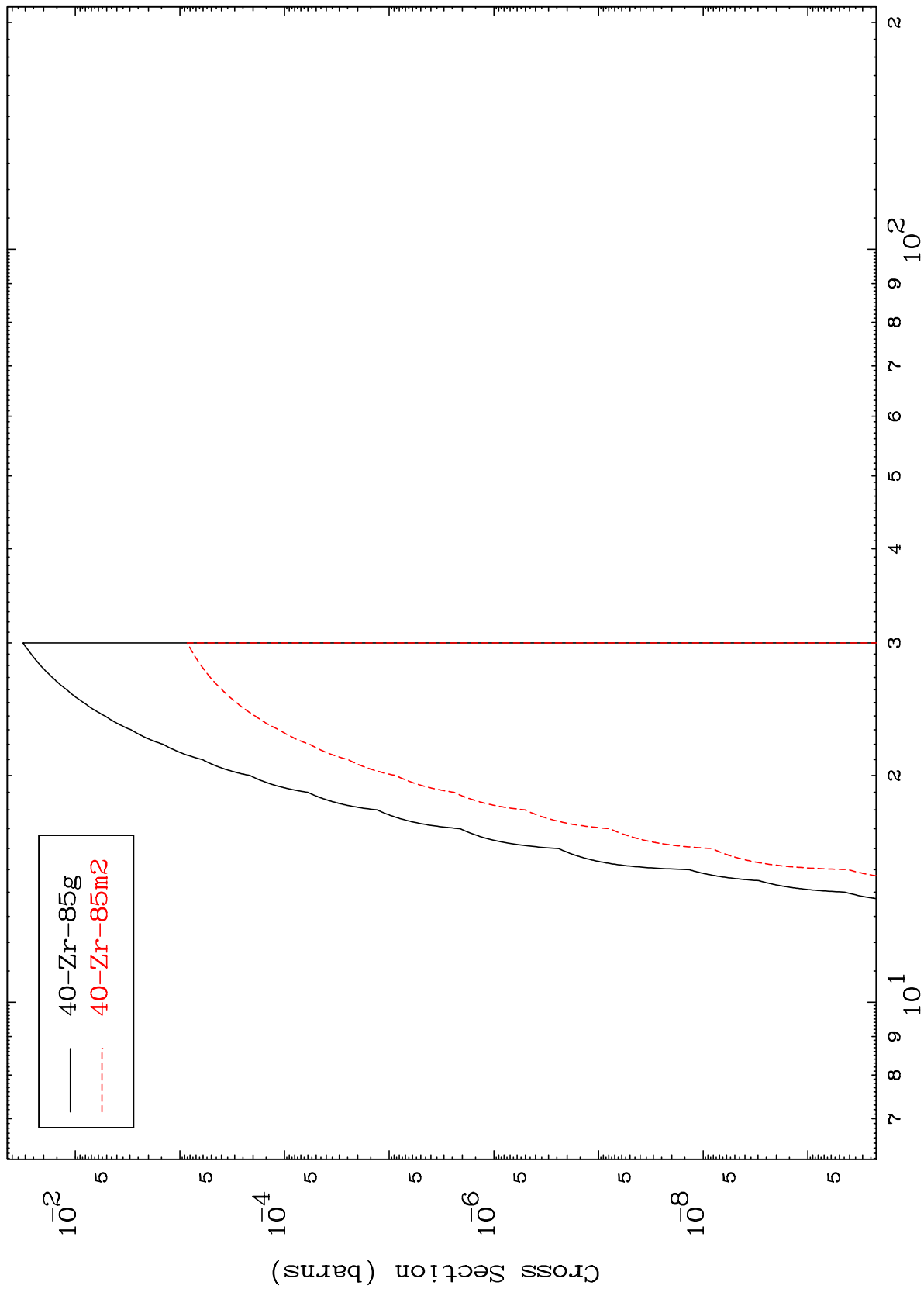
43-Tc-90

MAT 4300

(n,n') p α

43-Tc-90

Radionuclide Production Cross Section



23

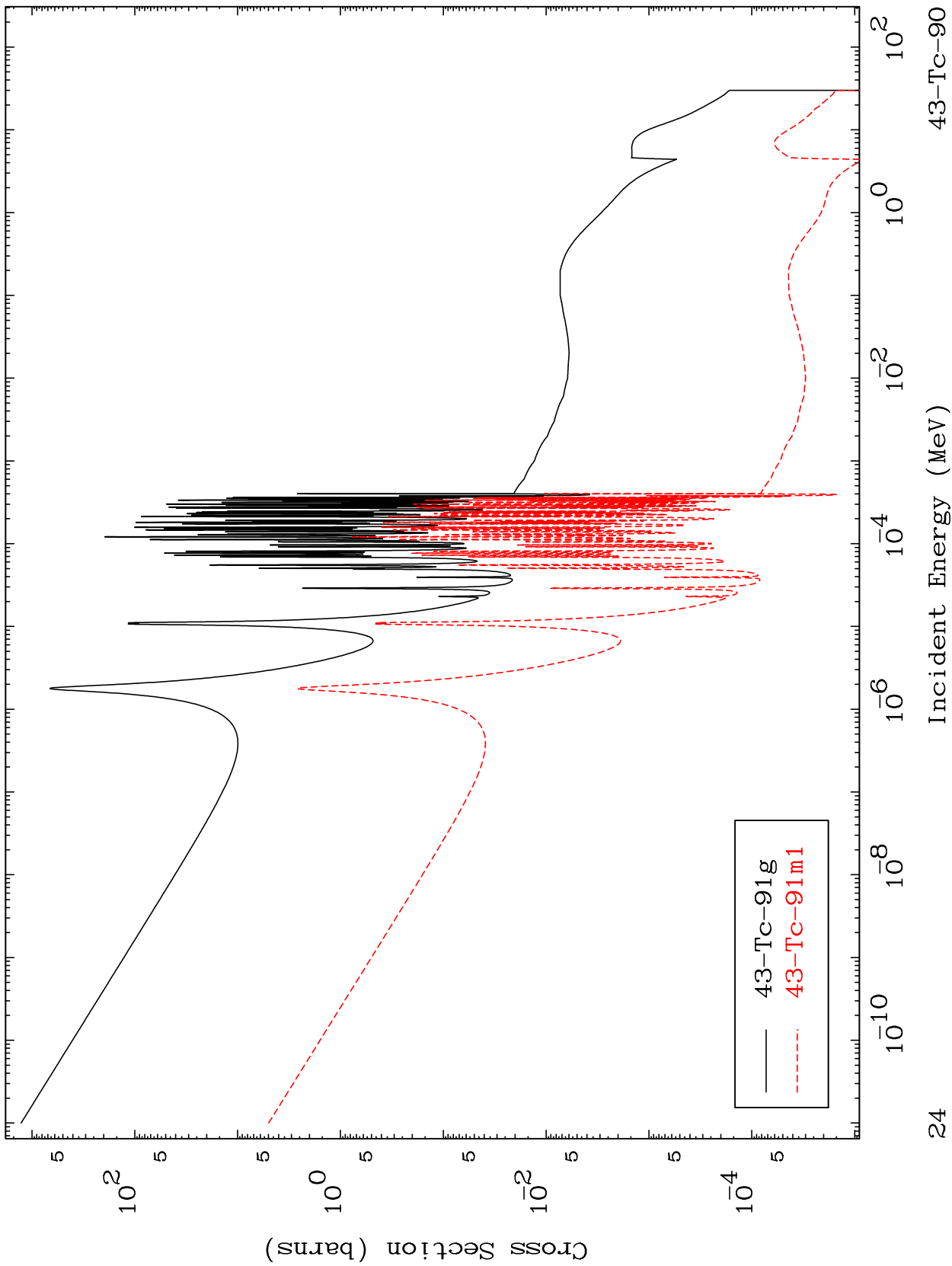
Incident Energy (MeV)

43-Tc-90

MAT 4300

43-Tc-90

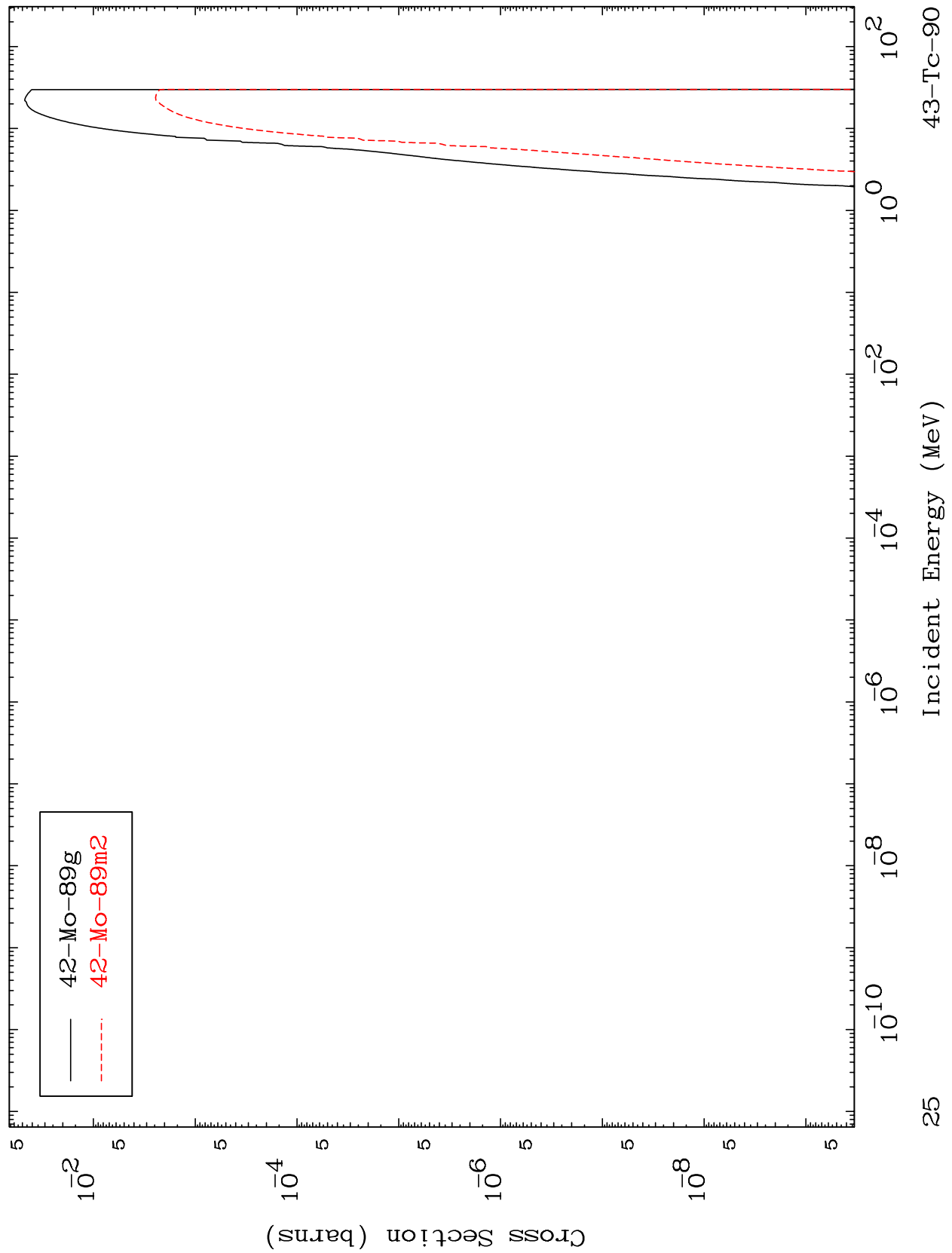
(n, γ)
Radionuclide Production Cross Section

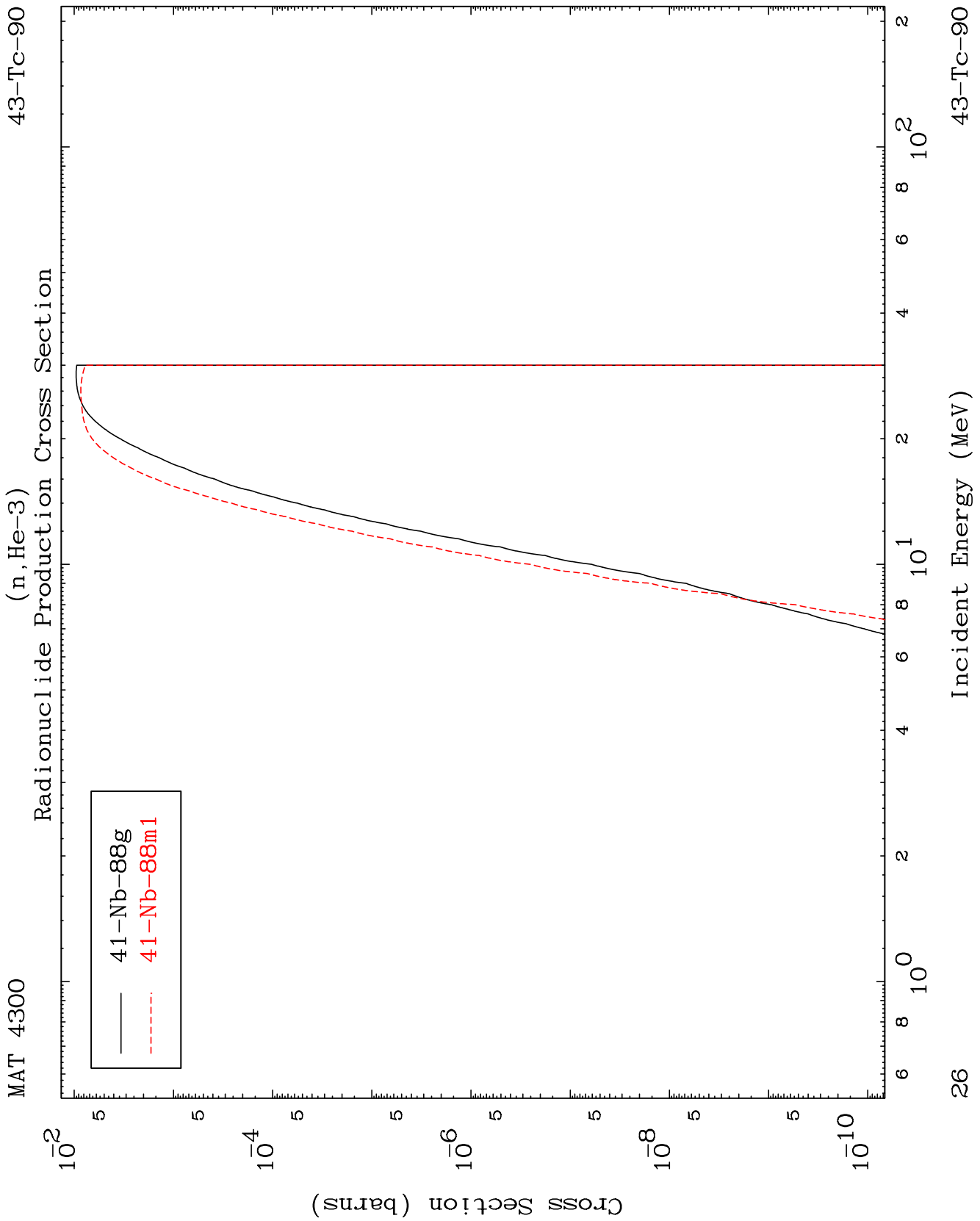


MAT 4300

(n,d)
Radionuclide Production Cross Section

43-Tc-90

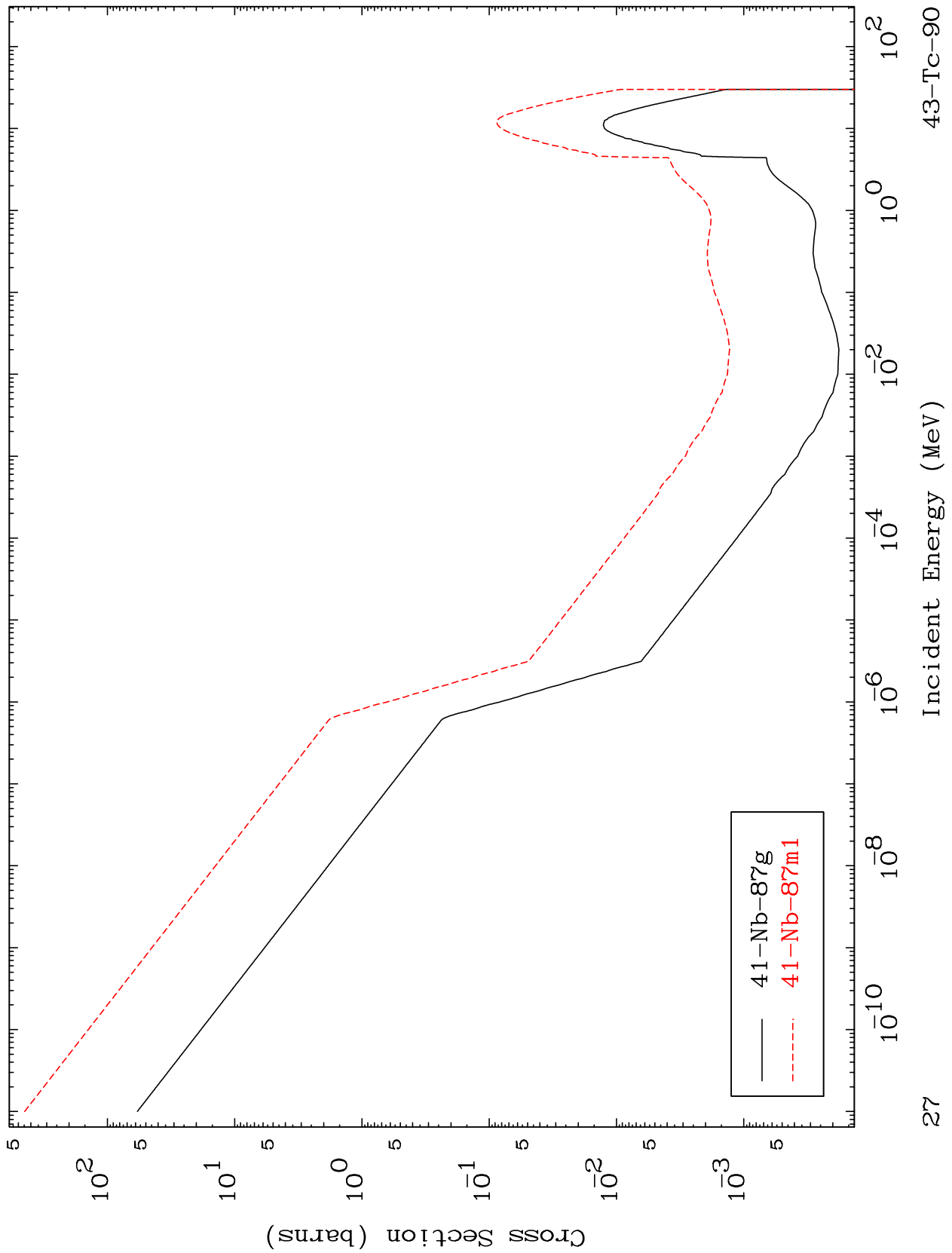




MAT 4300

43-Tc-90

Radionuclide Production Cross Section

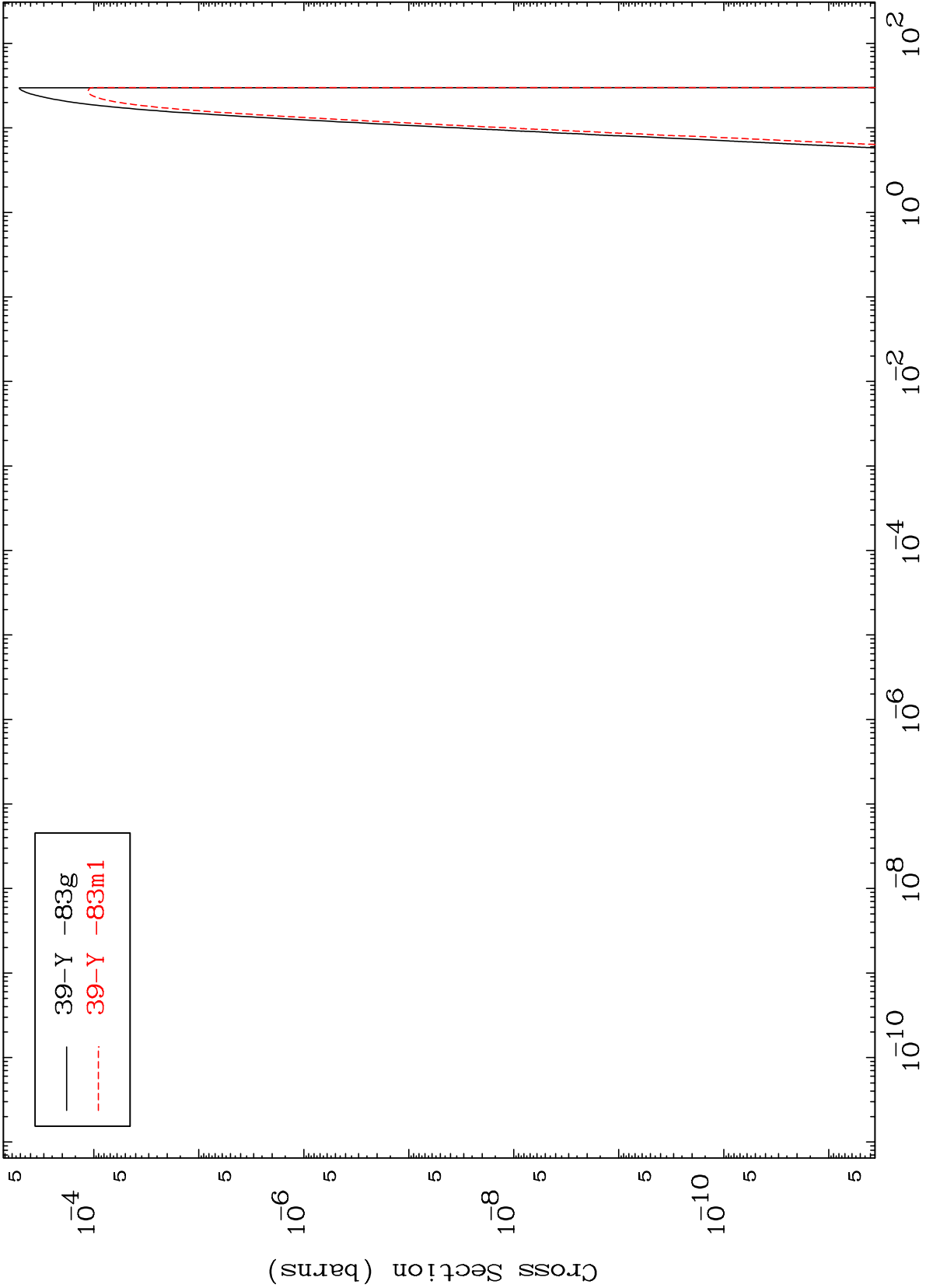


MAT 4300

(n,2α)

43-Tc-90

Radionuclide Production Cross Section

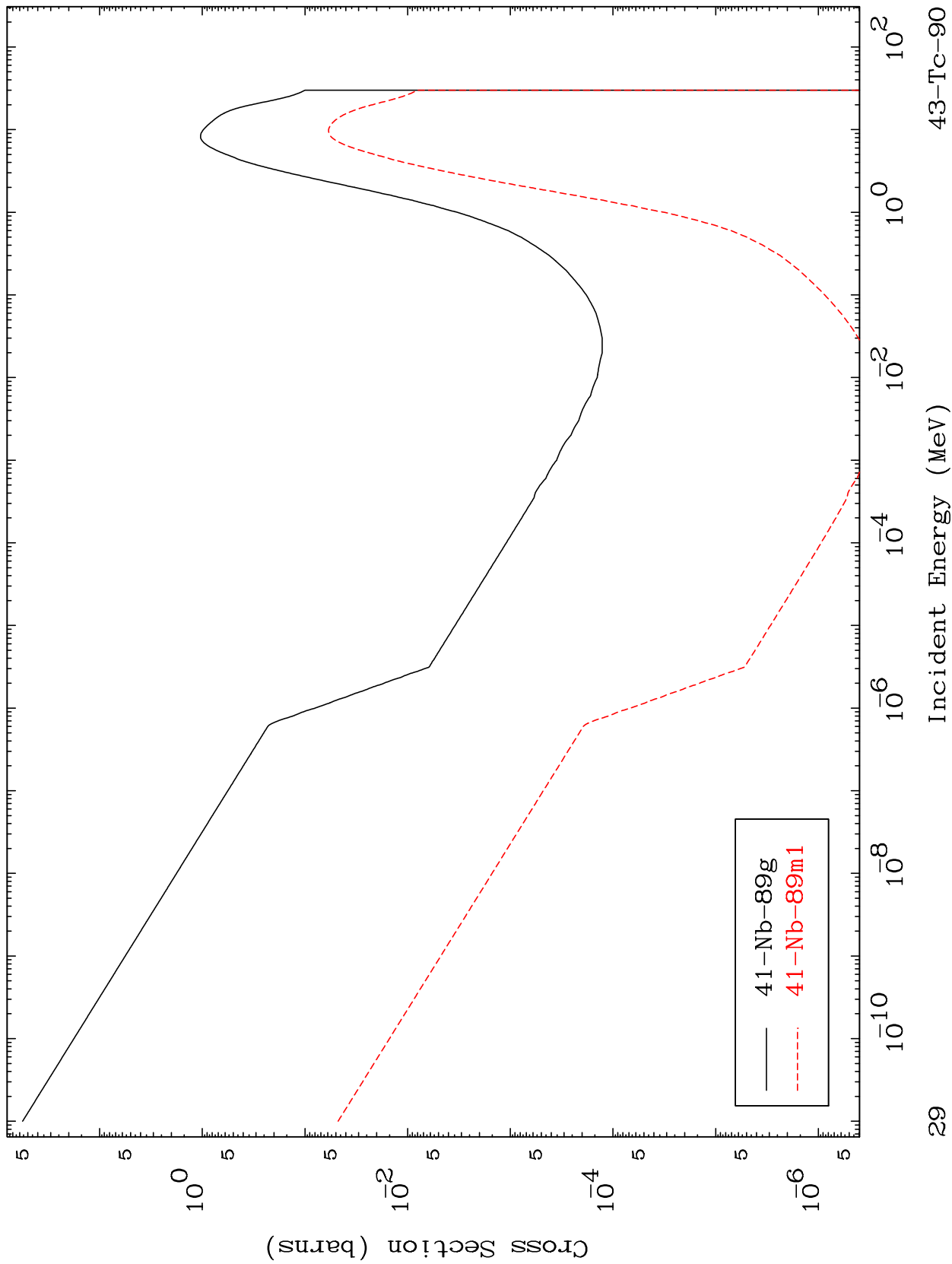


— 39-Y -83g
- - - 39-Y -83m1

MAT 4300

43-Tc-90

(n,2p)
Radionuclide Production Cross Section

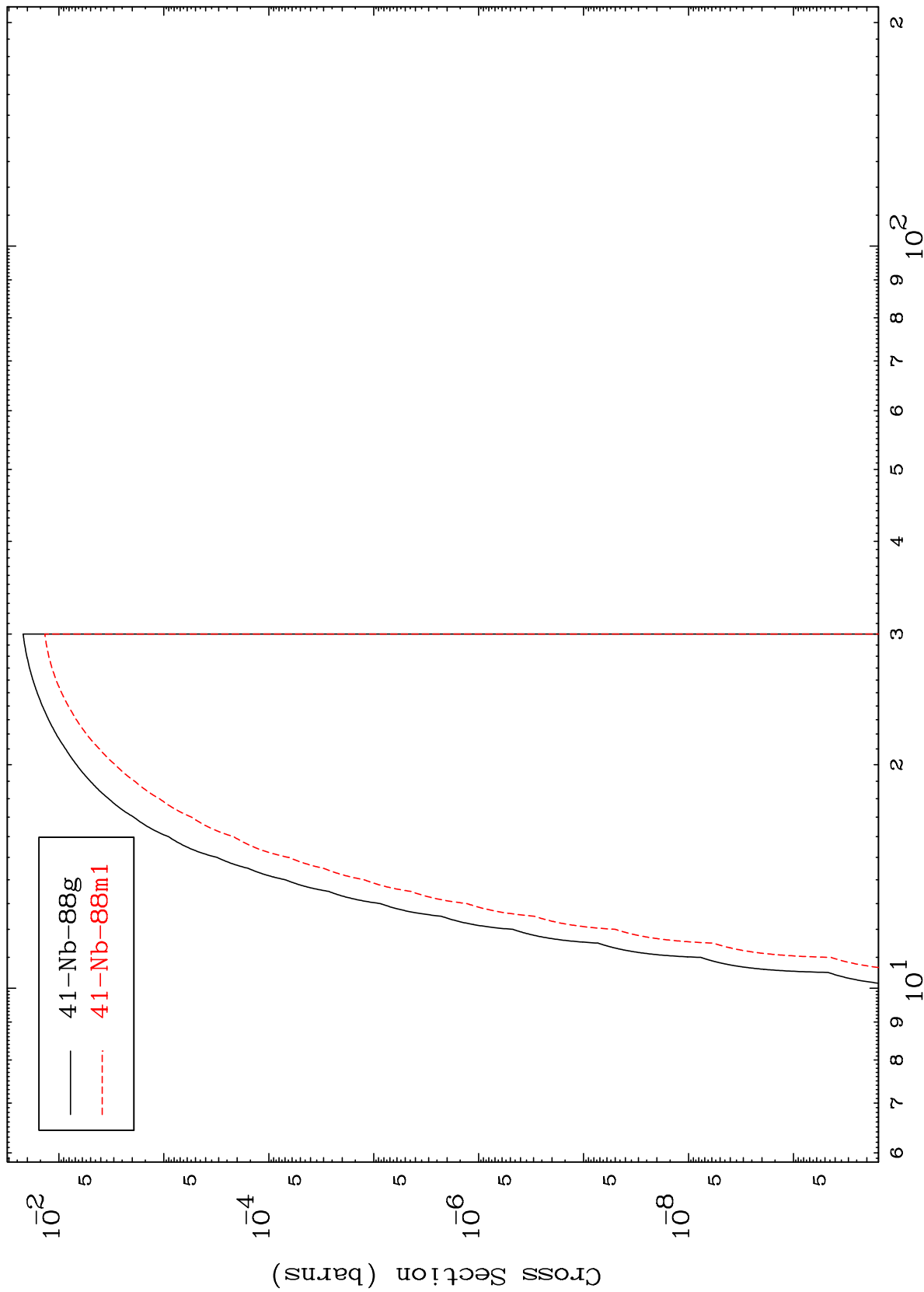


MAT 4300

(n,p) d

43-Tc-90

Radionuclide Production Cross Section



30

Incident Energy (MeV)

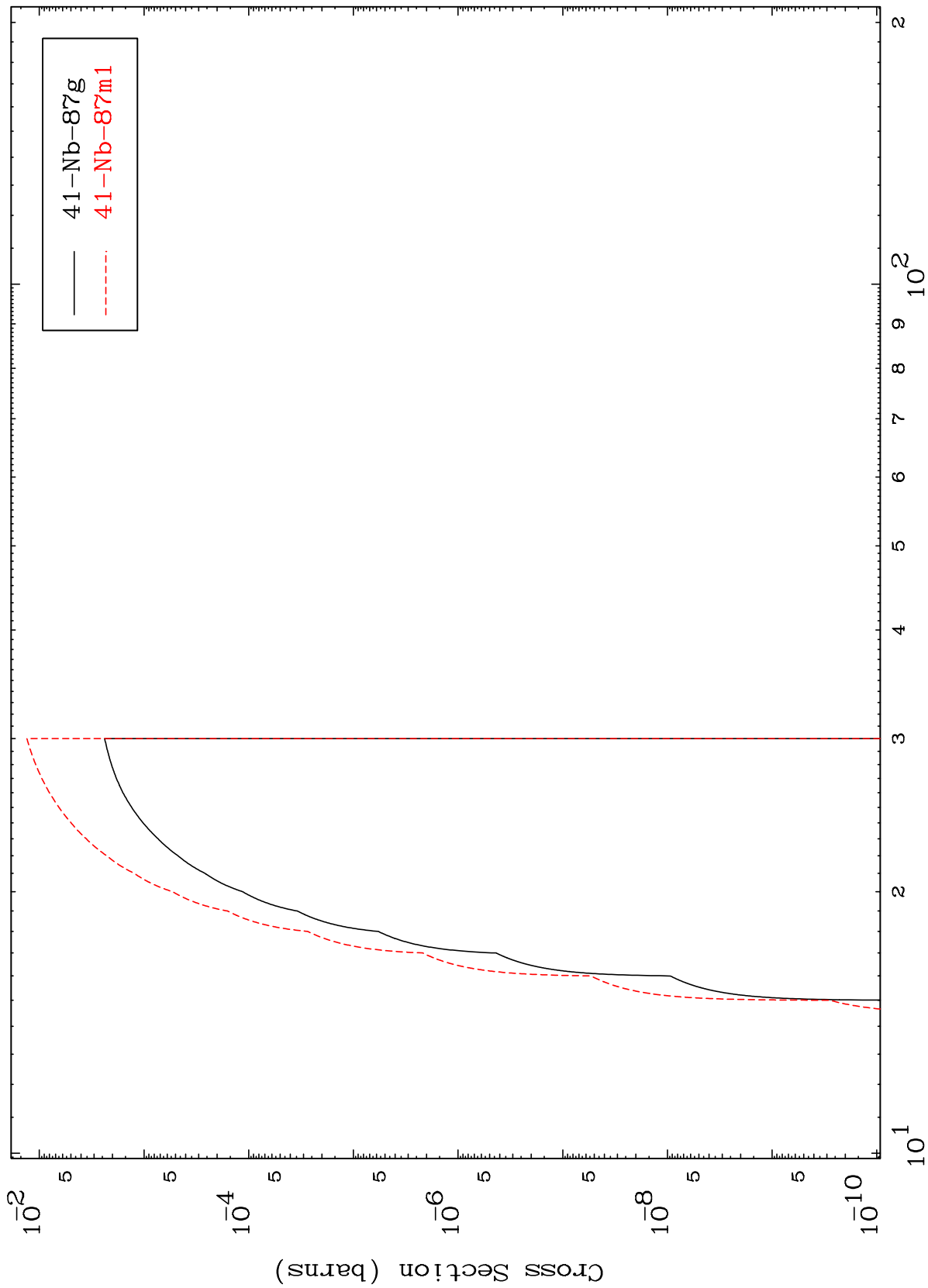
43-Tc-90

MAT 4300

(n,p) t

43-Tc-90

Radionuclide Production Cross Section



Incident Energy (MeV)

43-Tc-90

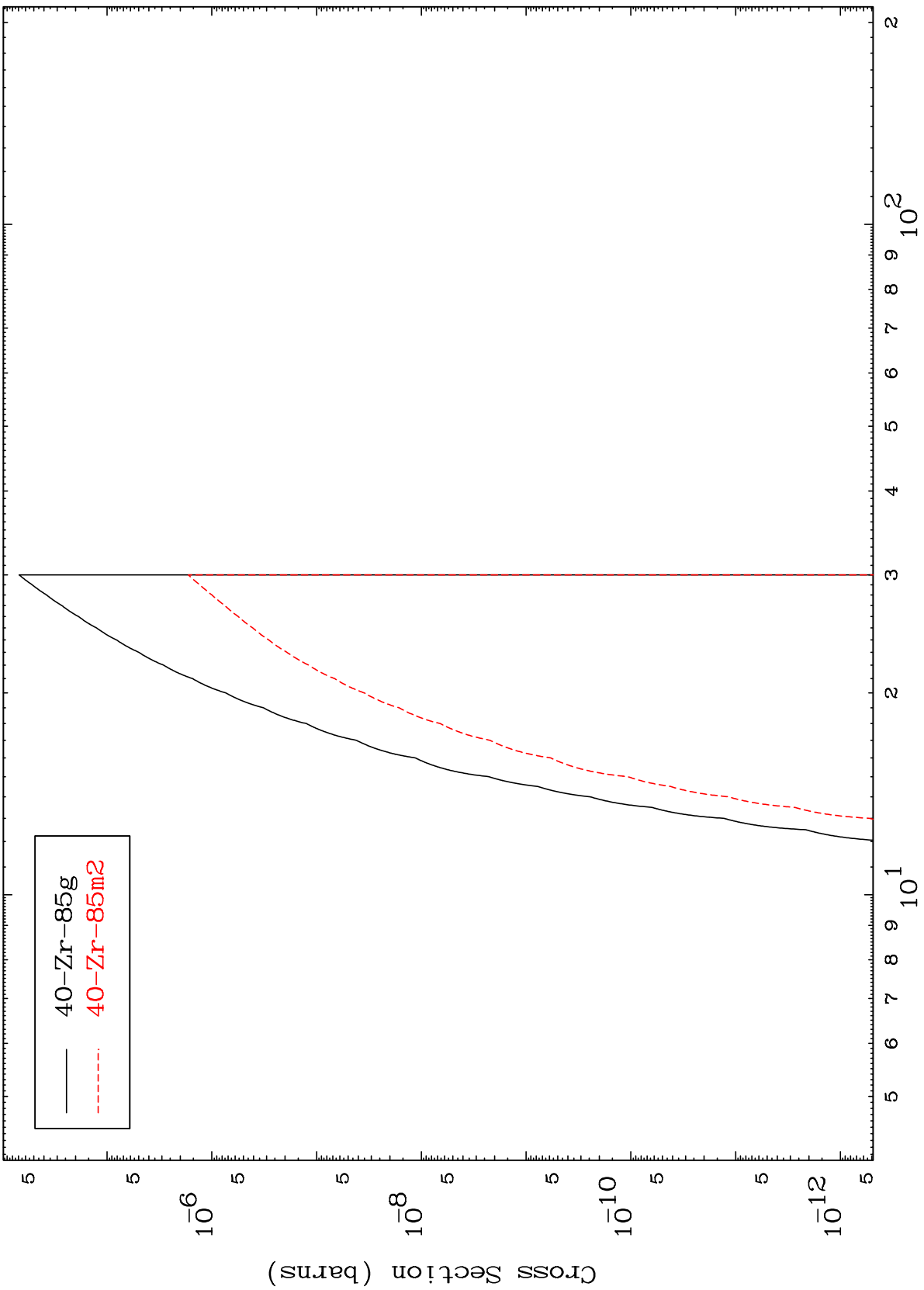
31

MAT 4300

(n,d) α

43-Tc-90

Radionuclide Production Cross Section



— 40-Zr-85g
- - - 40-Zr-85m2

32

Incident Energy (MeV)

43-Tc-90