

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

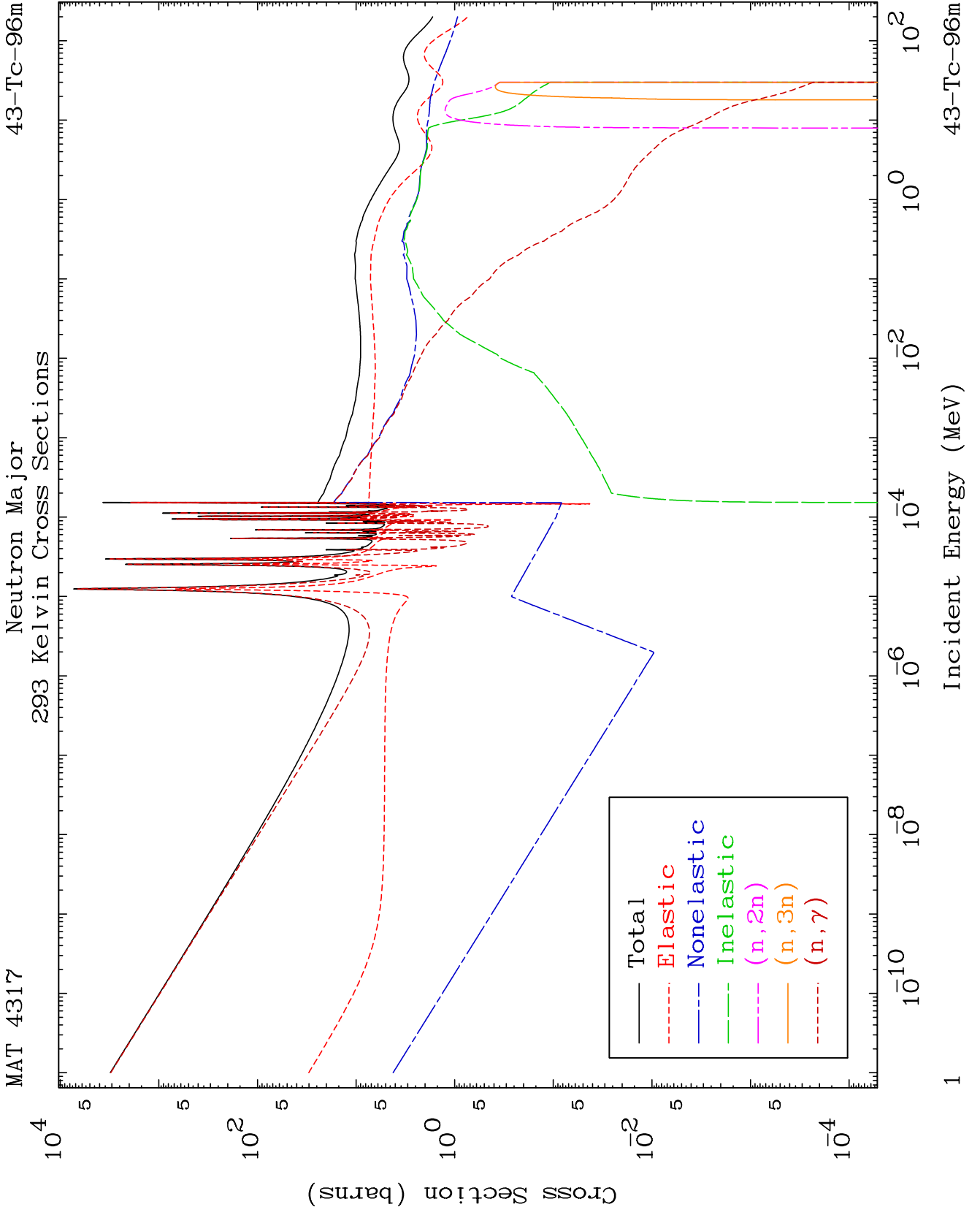
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Tele: 925-443-1911

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Web:redcullen1.net/HOMEPAGE.NEW

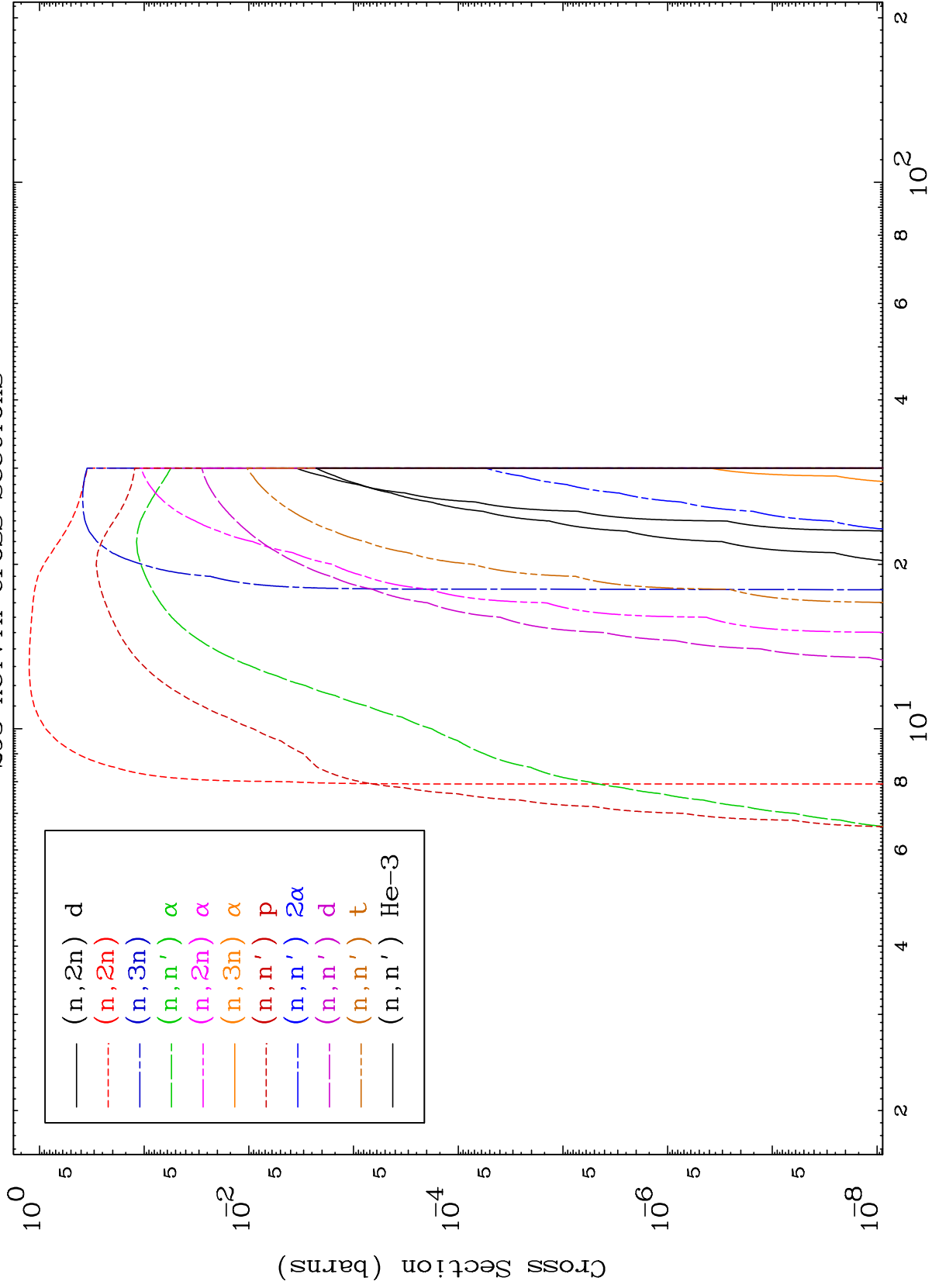
Press Mouse Button to Start



MAT 4317

Neutron Absorption
293 Kelvin Cross Sections

43-Tc-96m



2

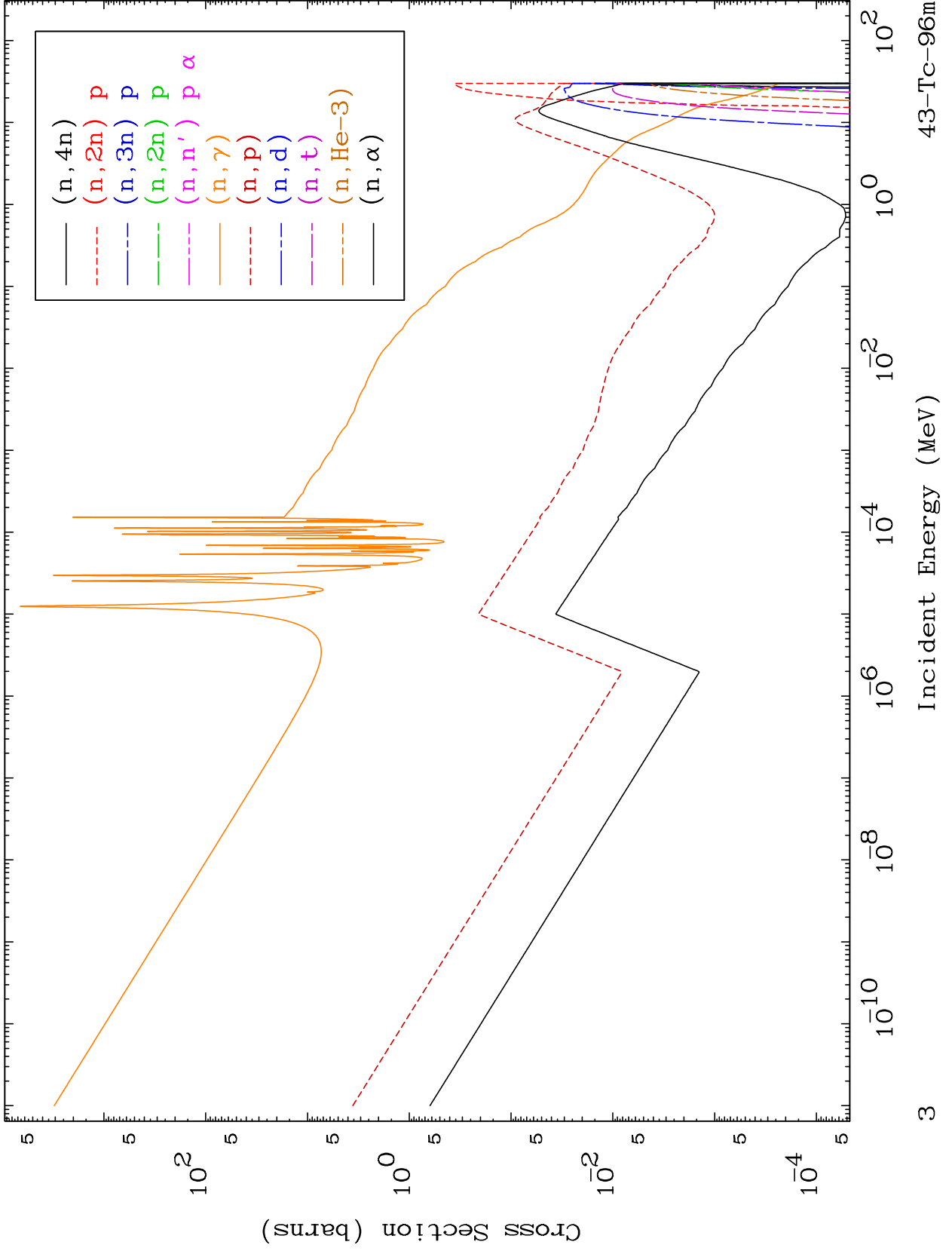
Incident Energy (MeV)

43-Tc-96m

MAT 4317

Neutron Absorption
293 Kelvin Cross Sections

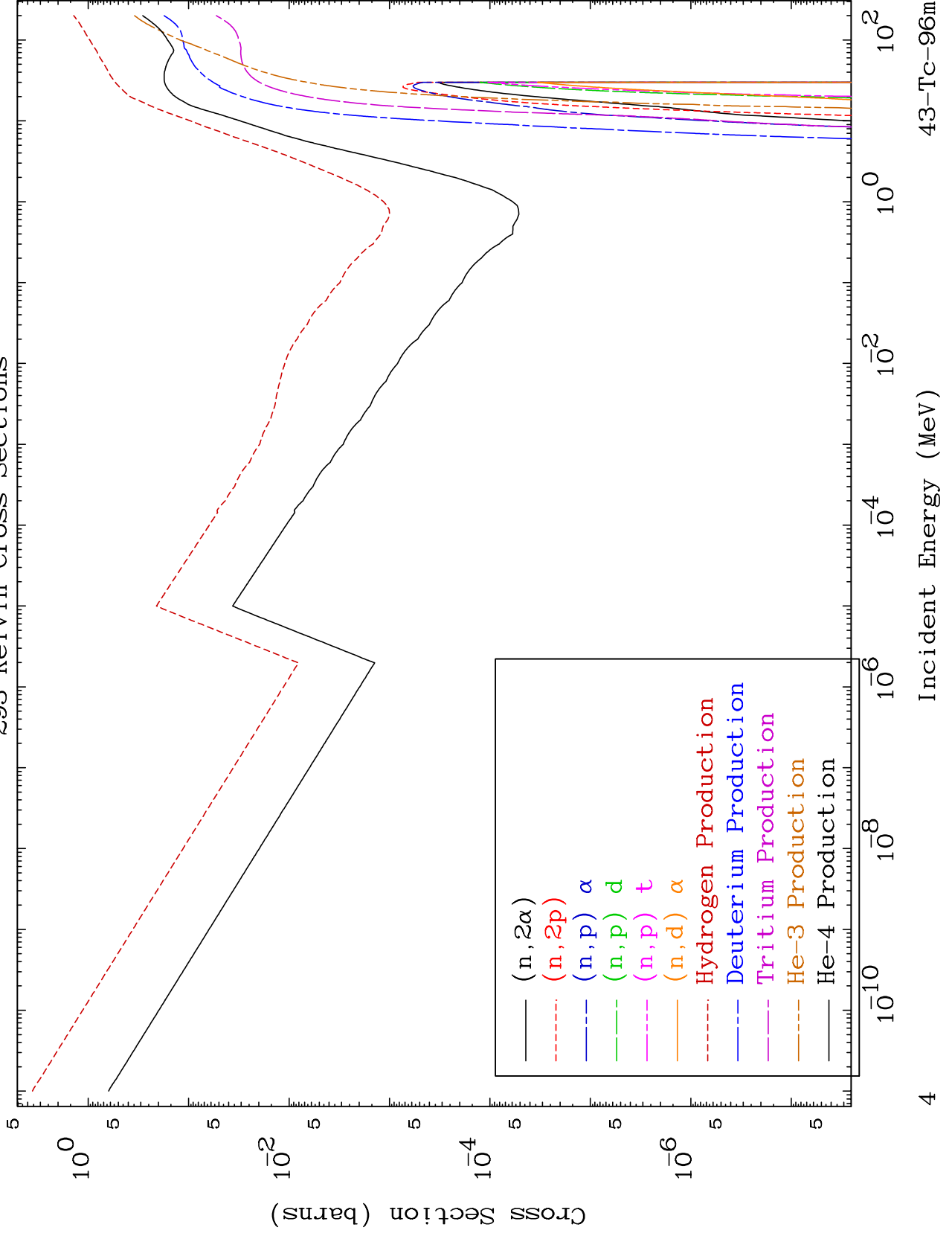
43-Tc-96m



MAT 4317

Neutron Absorption
293 Kelvin Cross Sections

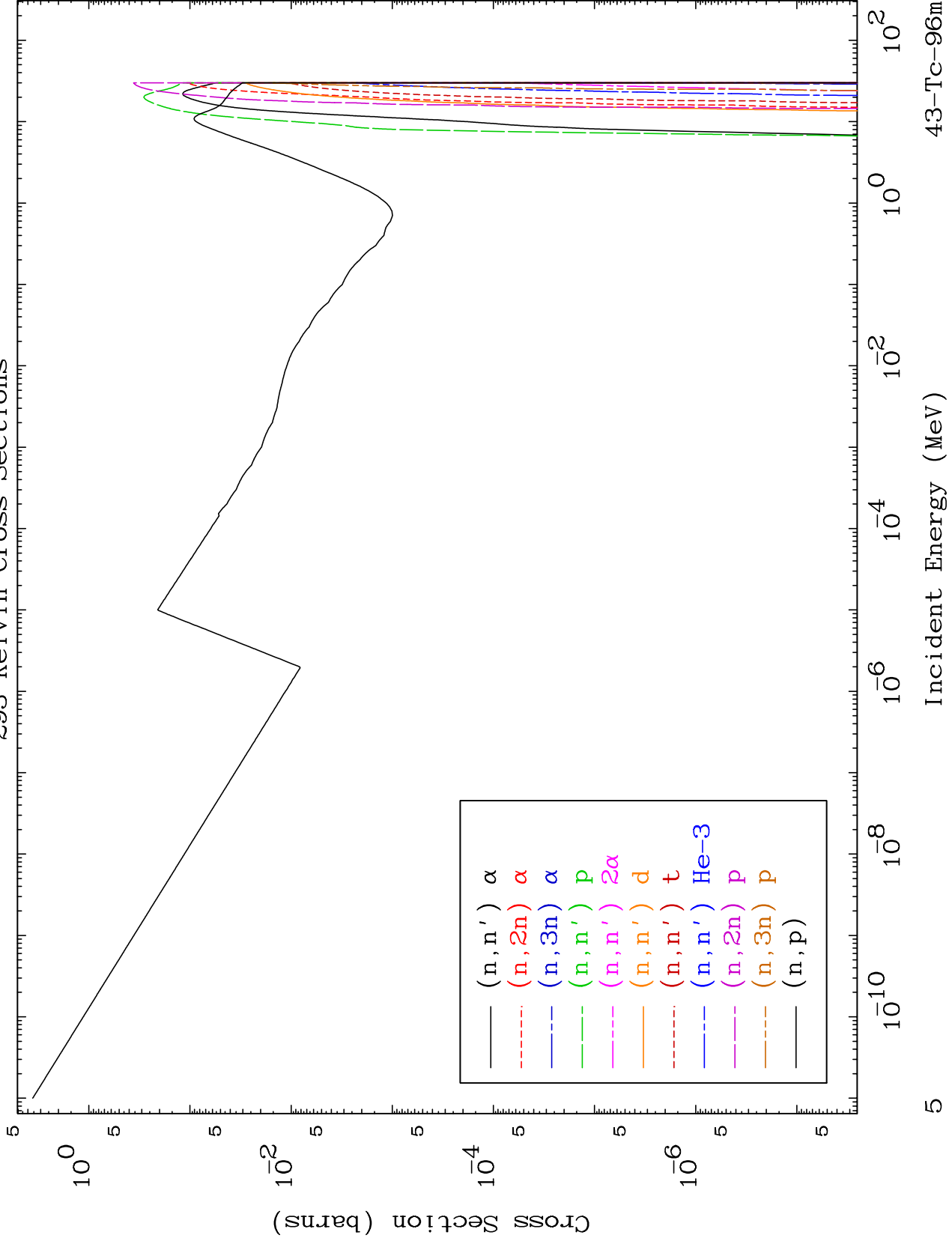
43-Tc-96m



MAT 4317

Charged Particle
293 Kelvin Cross Sections

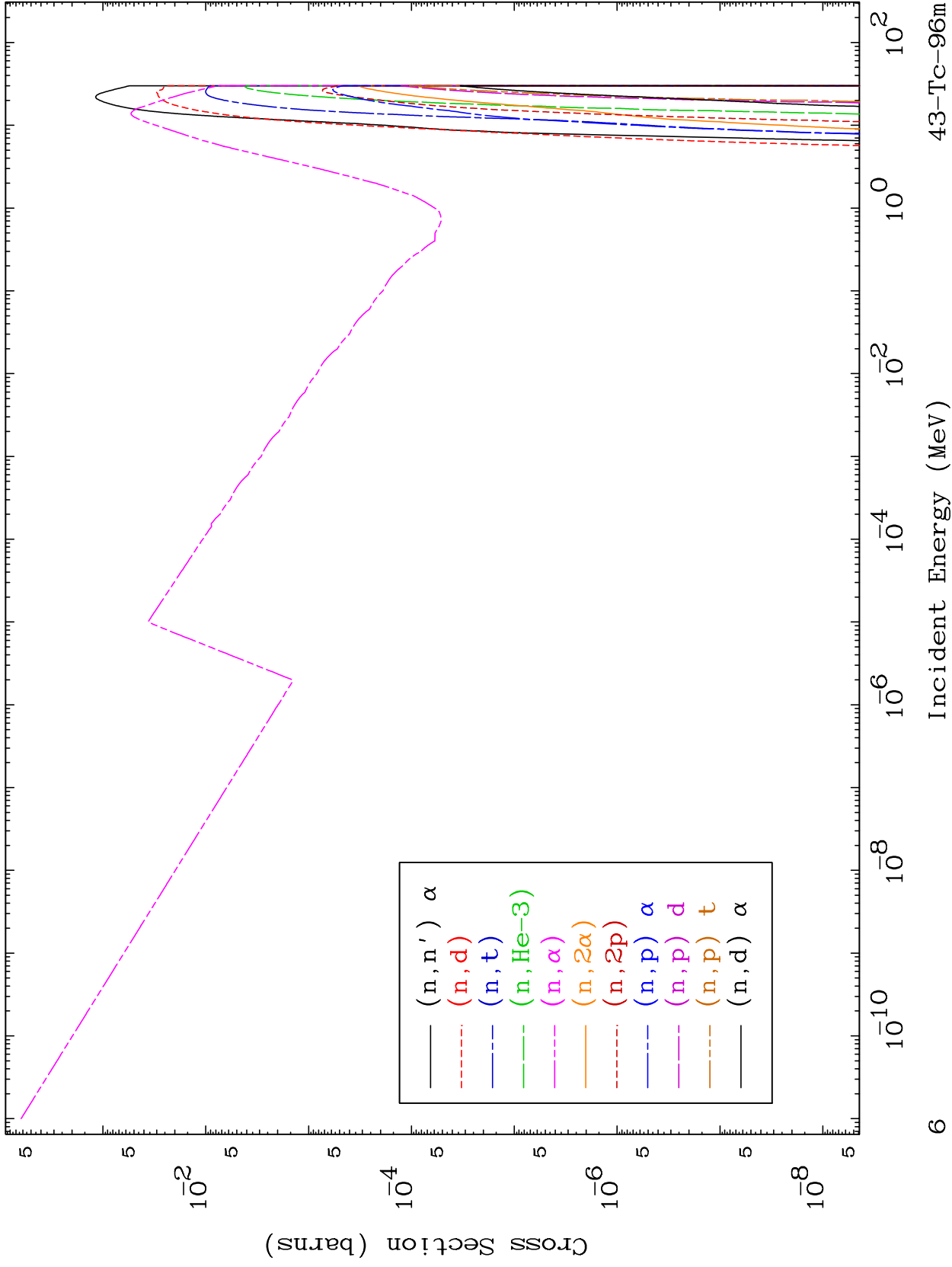
43-Tc-96m



MAT 4317

Charged Particle
293 Kelvin Cross Sections

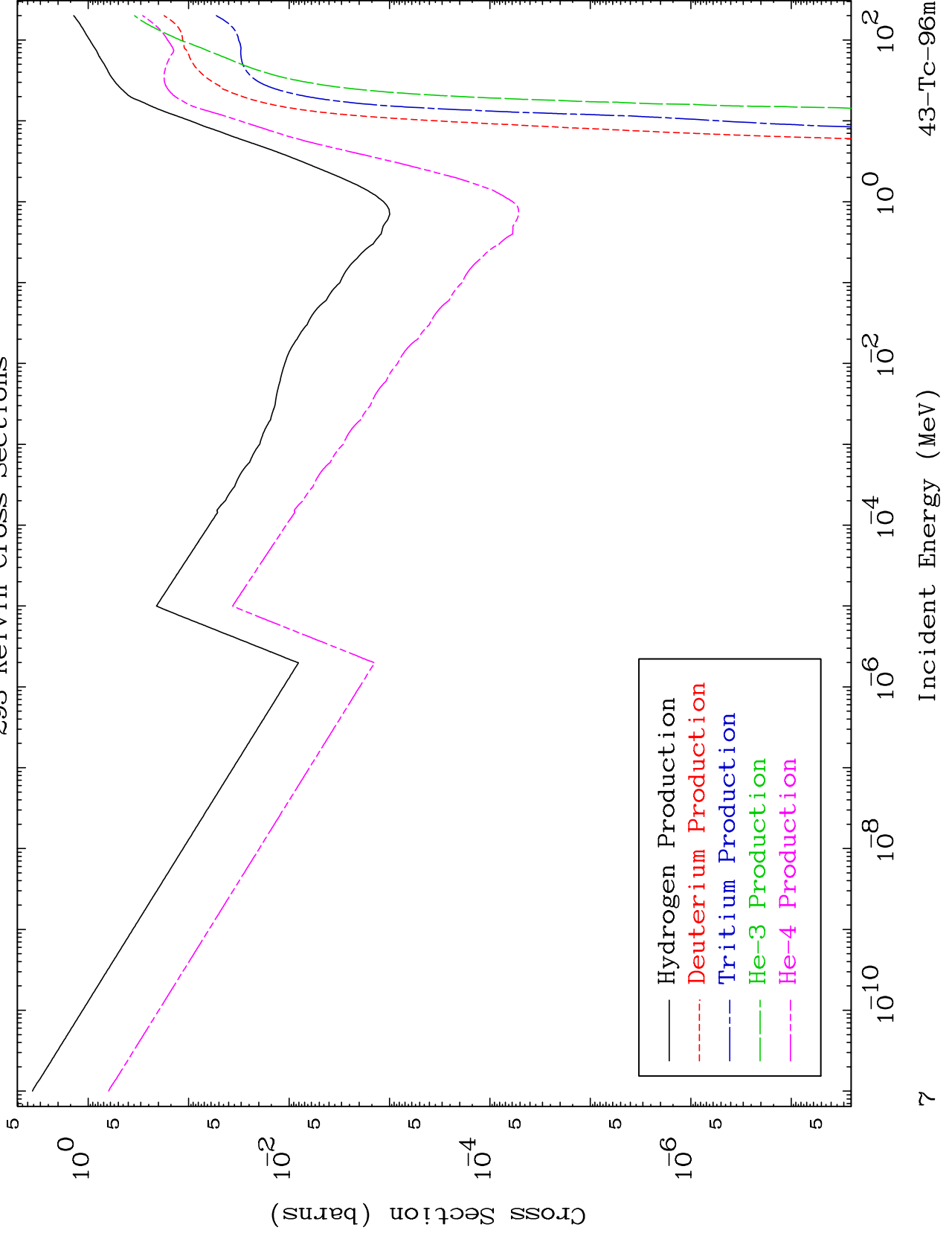
43-Tc-96m



MAT 4317

Particle Production
293 Kelvin Cross Sections

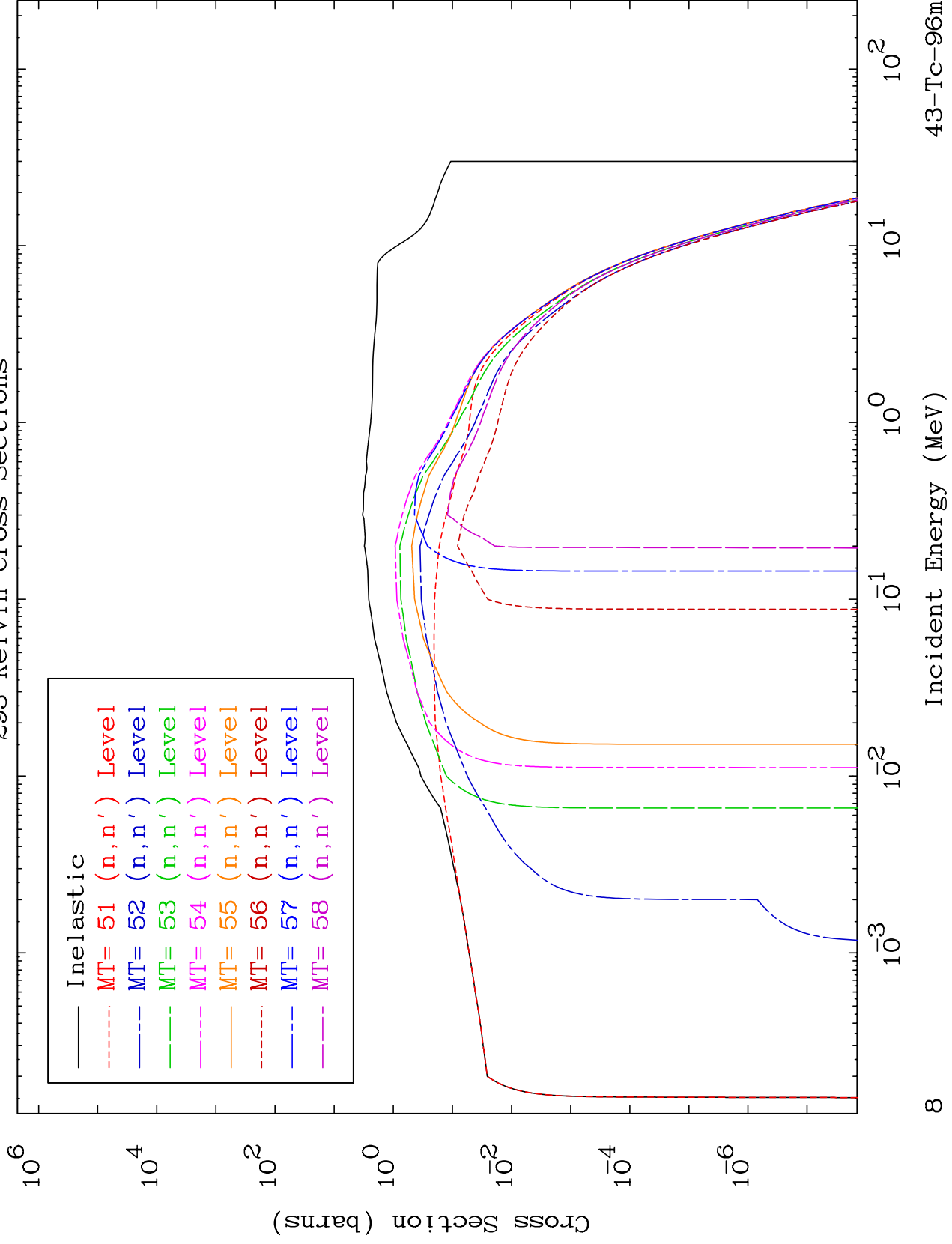
43-Tc-96m



MAT 4317

(n,n') Levels
293 Kelvin Cross Sections

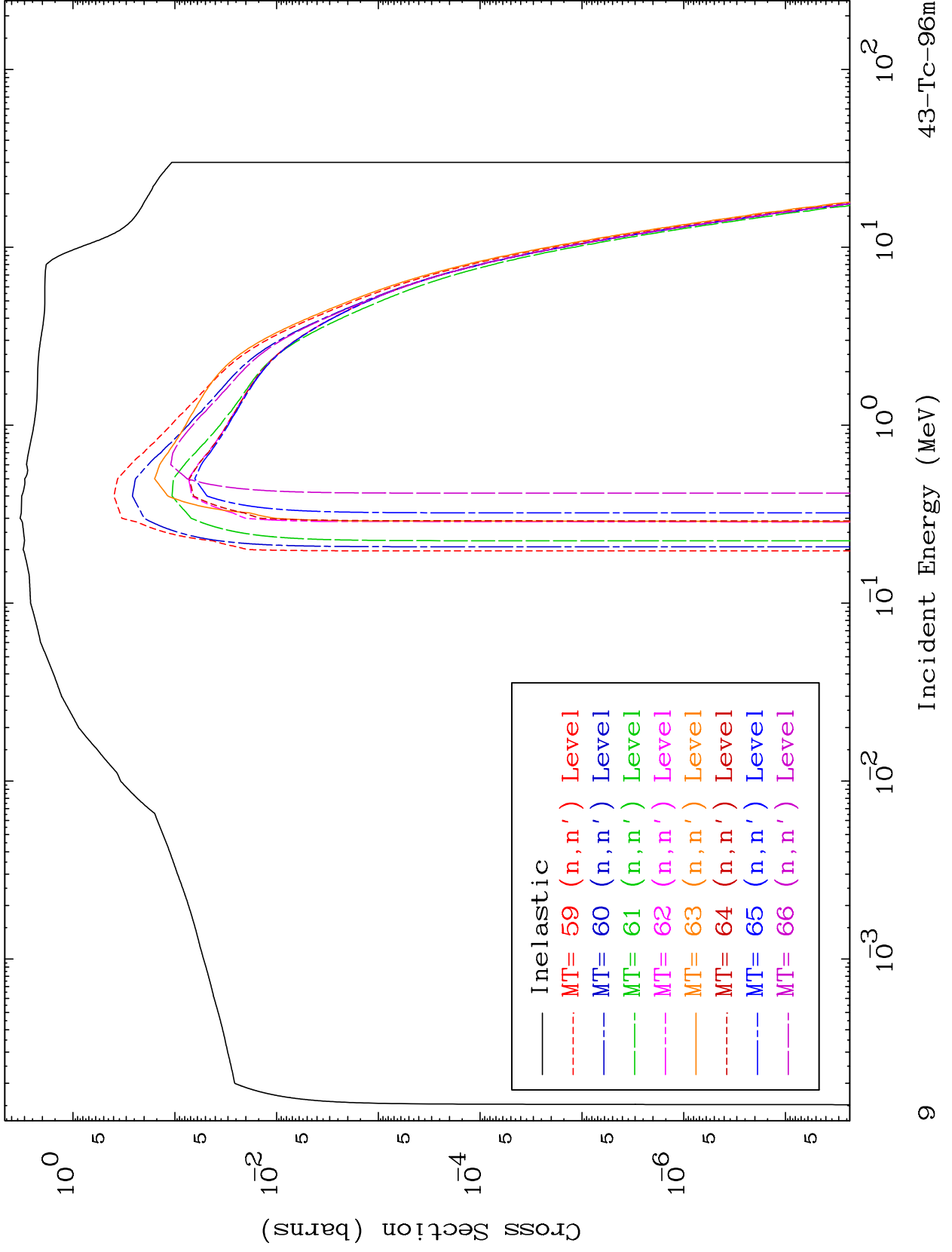
43-Tc-96m



MAT 4317

(n,n') Levels
293 Kelvin Cross Sections

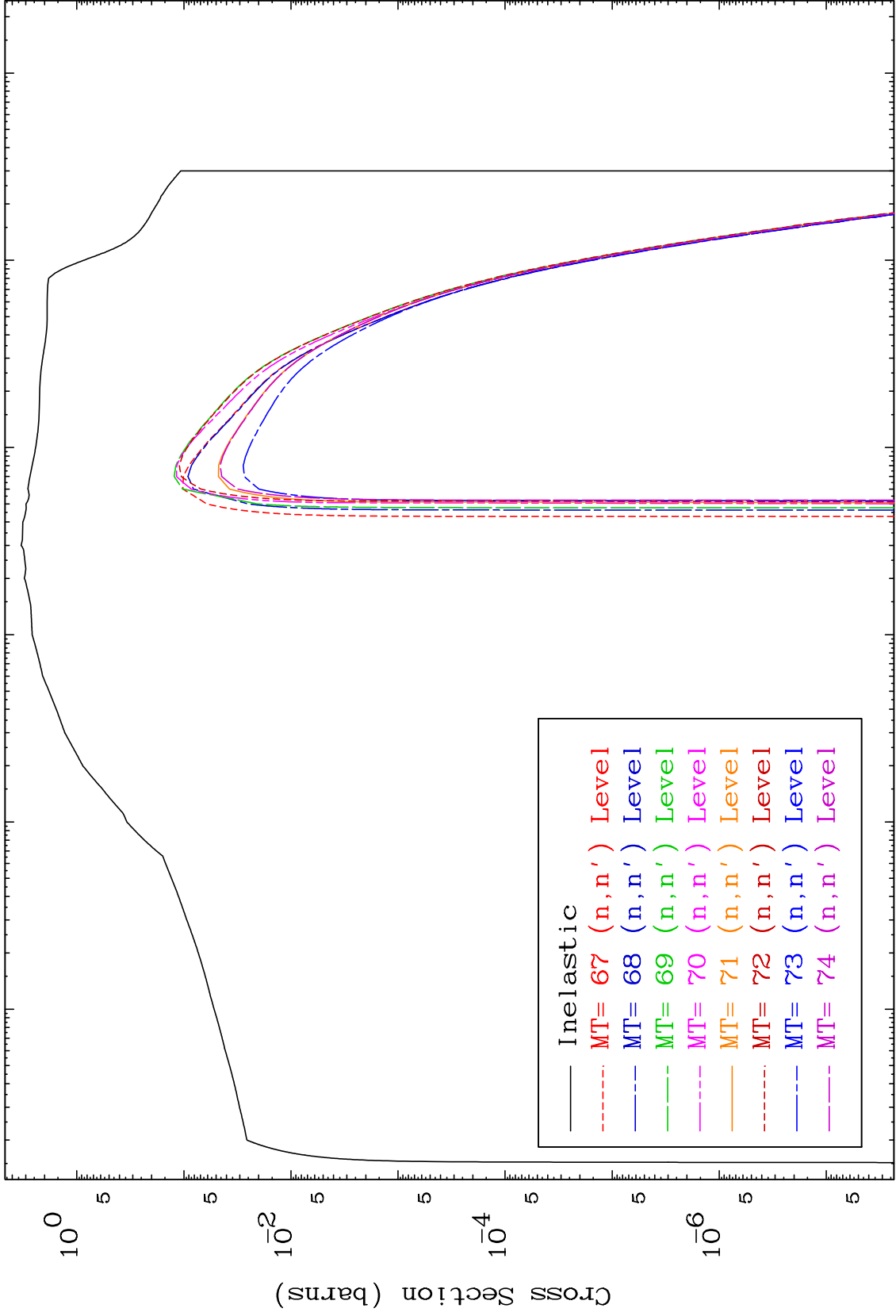
43-Tc-96m



MAT 4317

(n,n') Levels
293 Kelvin Cross Sections

43-Tc-96m



10

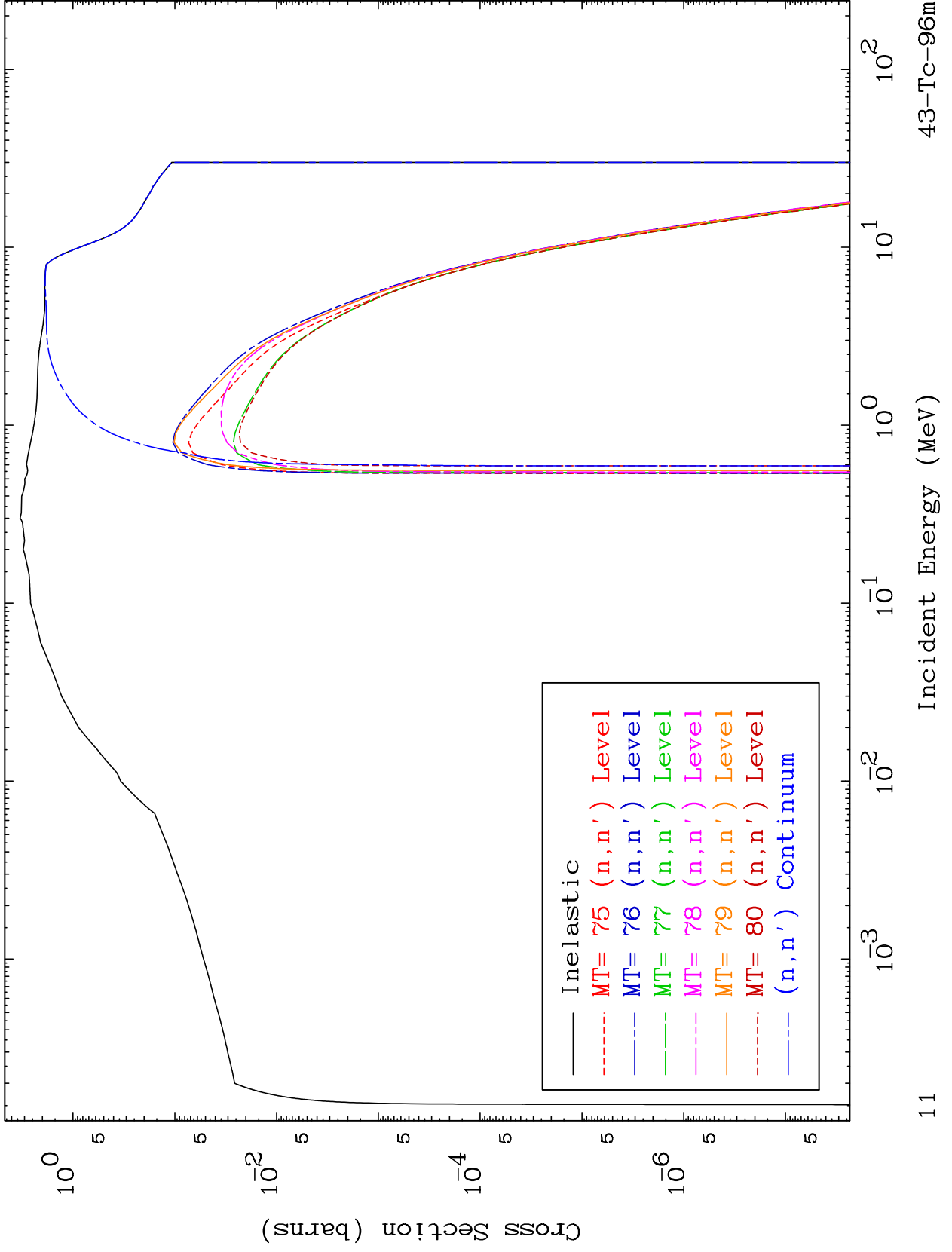
Incident Energy (MeV)

43-Tc-96m

MAT 4317

(n,n') Levels
293 Kelvin Cross Sections

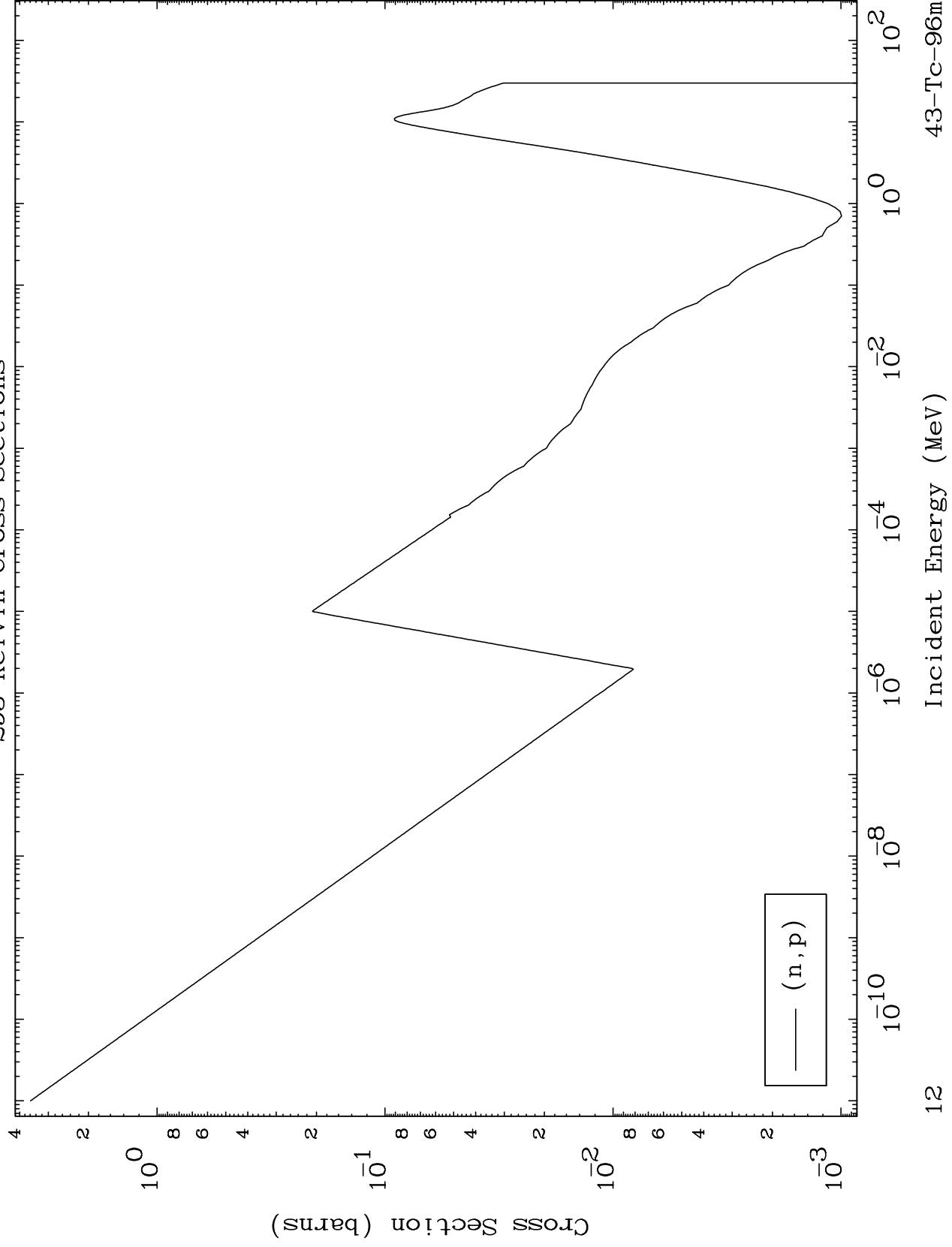
43-Tc-96m



MAT 4317

(n,p) Levels
293 Kelvin Cross Sections

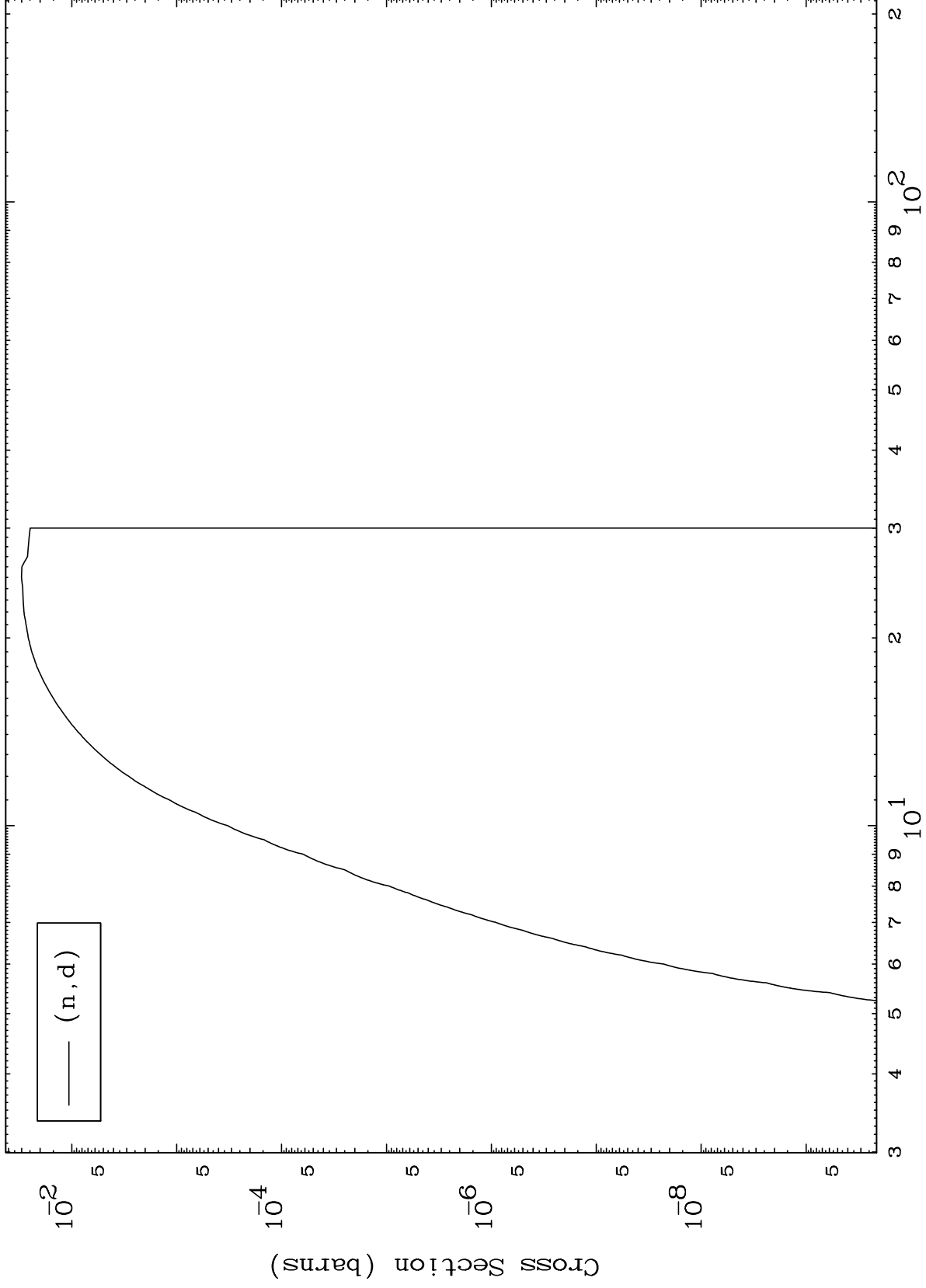
43-Tc-96m



MAT 4317

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-96m



13

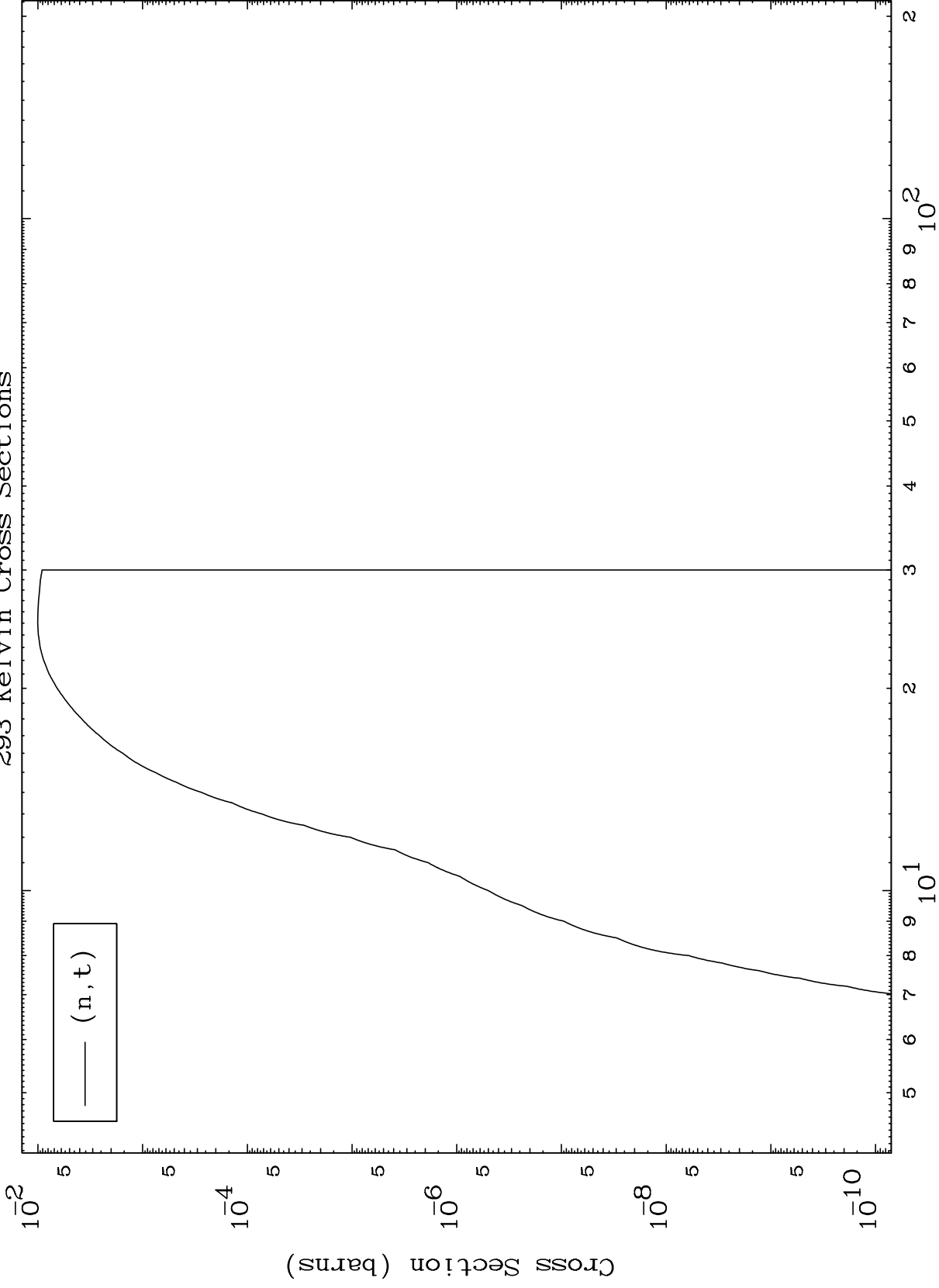
Incident Energy (MeV)

43-Tc-96m

MAT 4317

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-96m



14

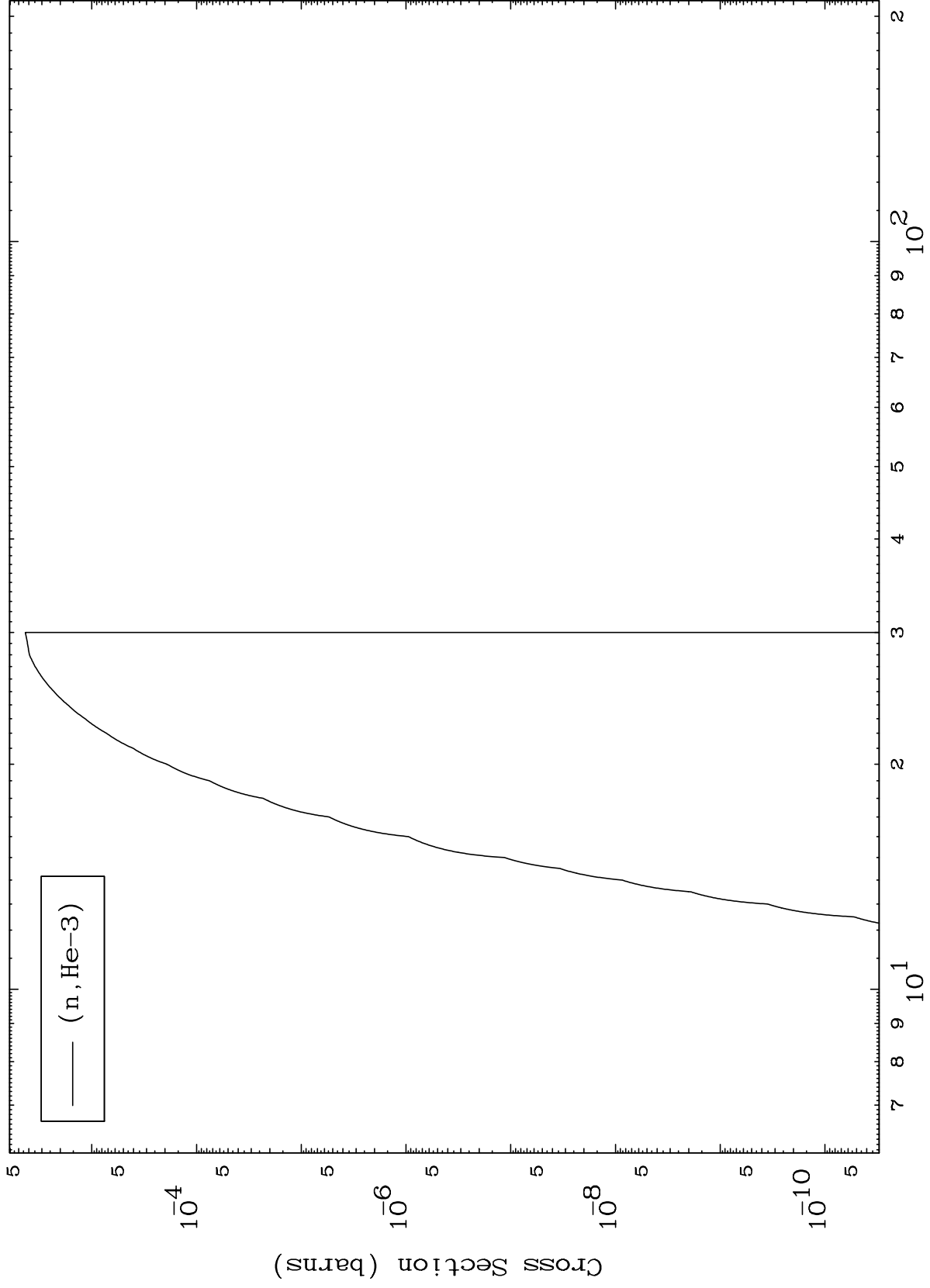
Incident Energy (MeV)

43-Tc-96m

MAT 4317

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-96m



15

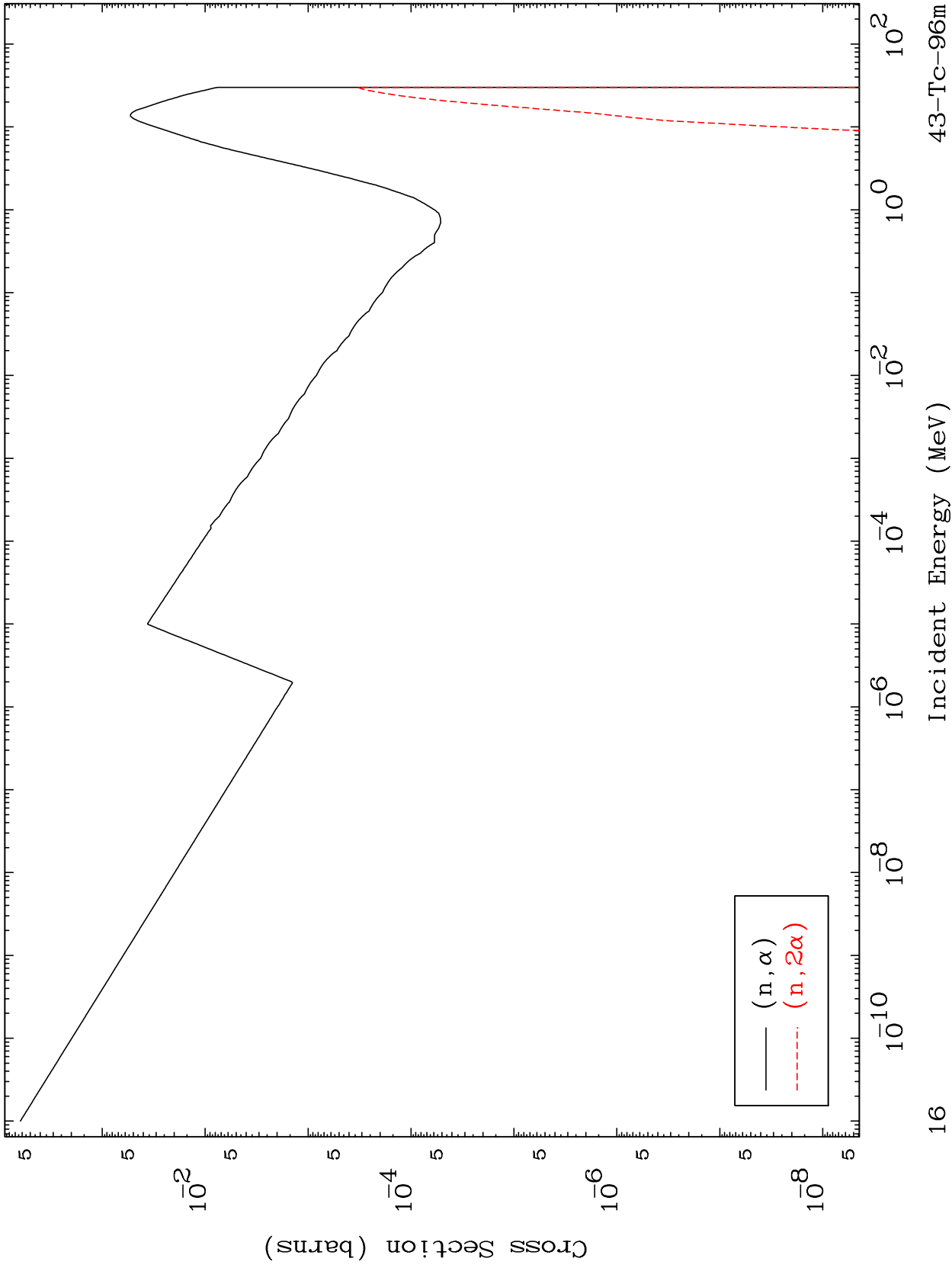
Incident Energy (MeV)

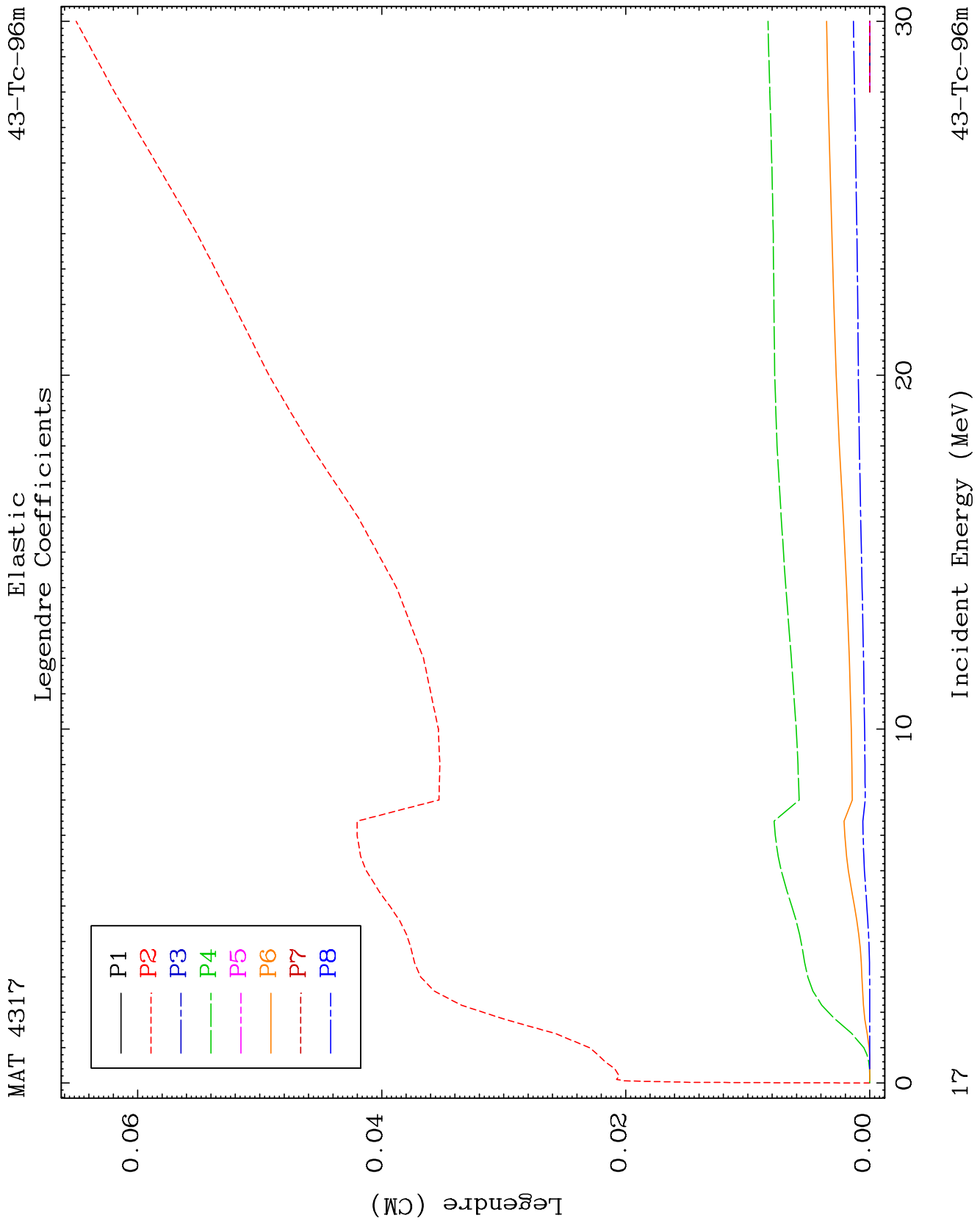
43-Tc-96m

MAT 4317

(n, α) Levels
293 Kelvin Cross Sections

43-Tc-96m

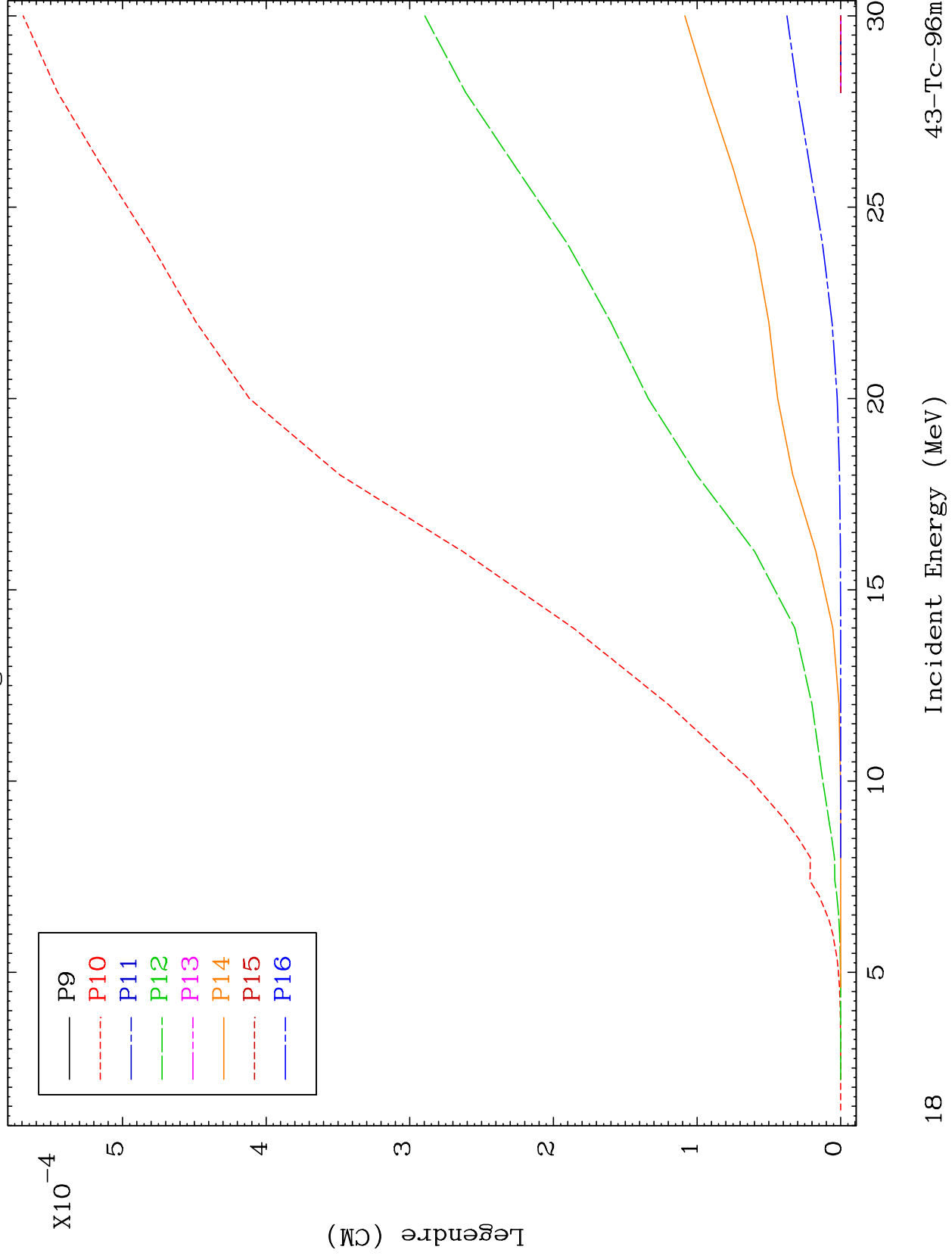




MAT 4317

Elastic Legendre Coefficients

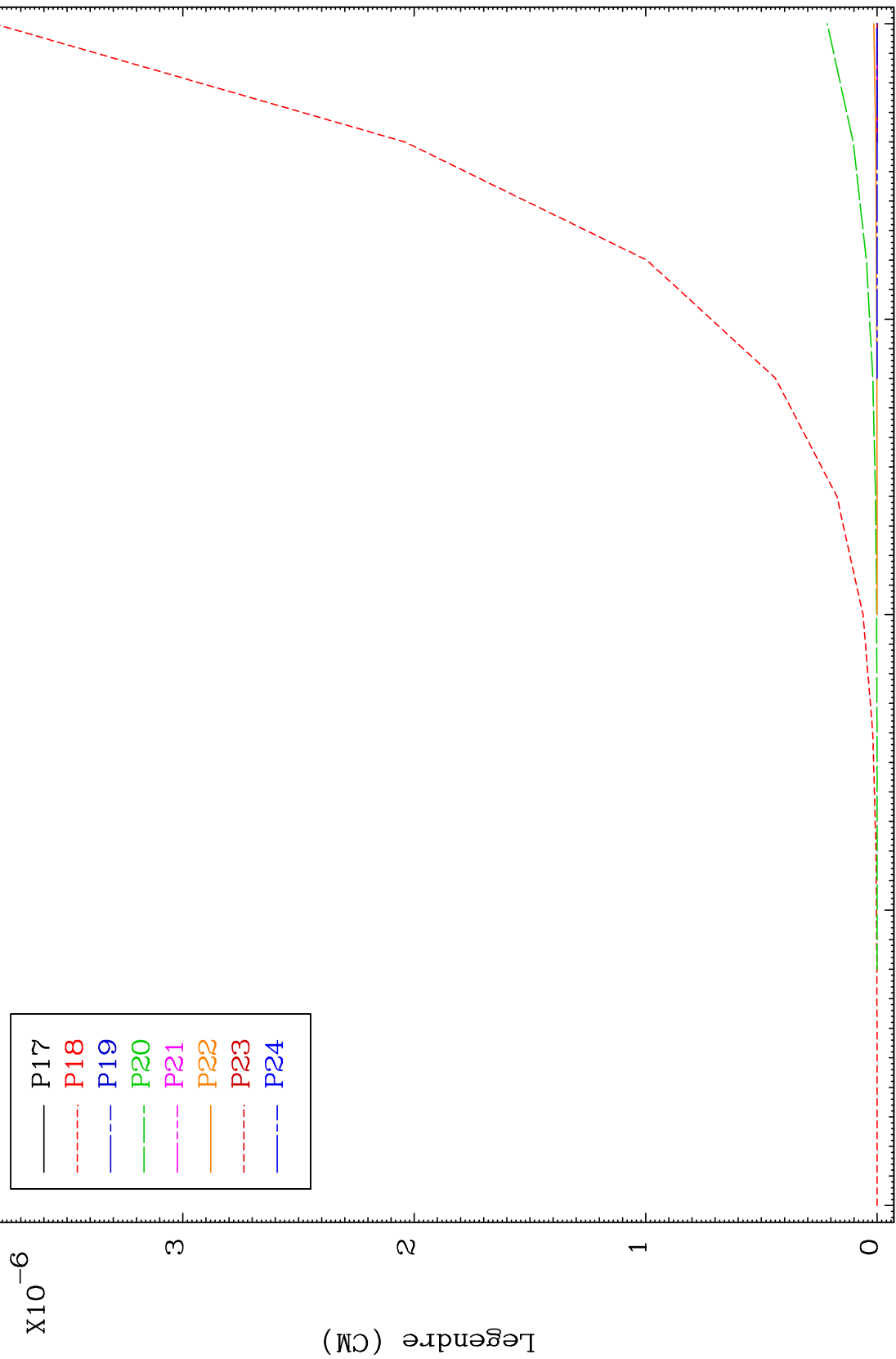
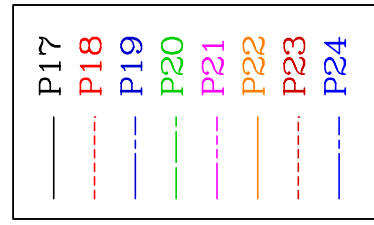
43-Tc-96m



MAT 4317

Elastic Legendre Coefficients

43-Tc-96m



19

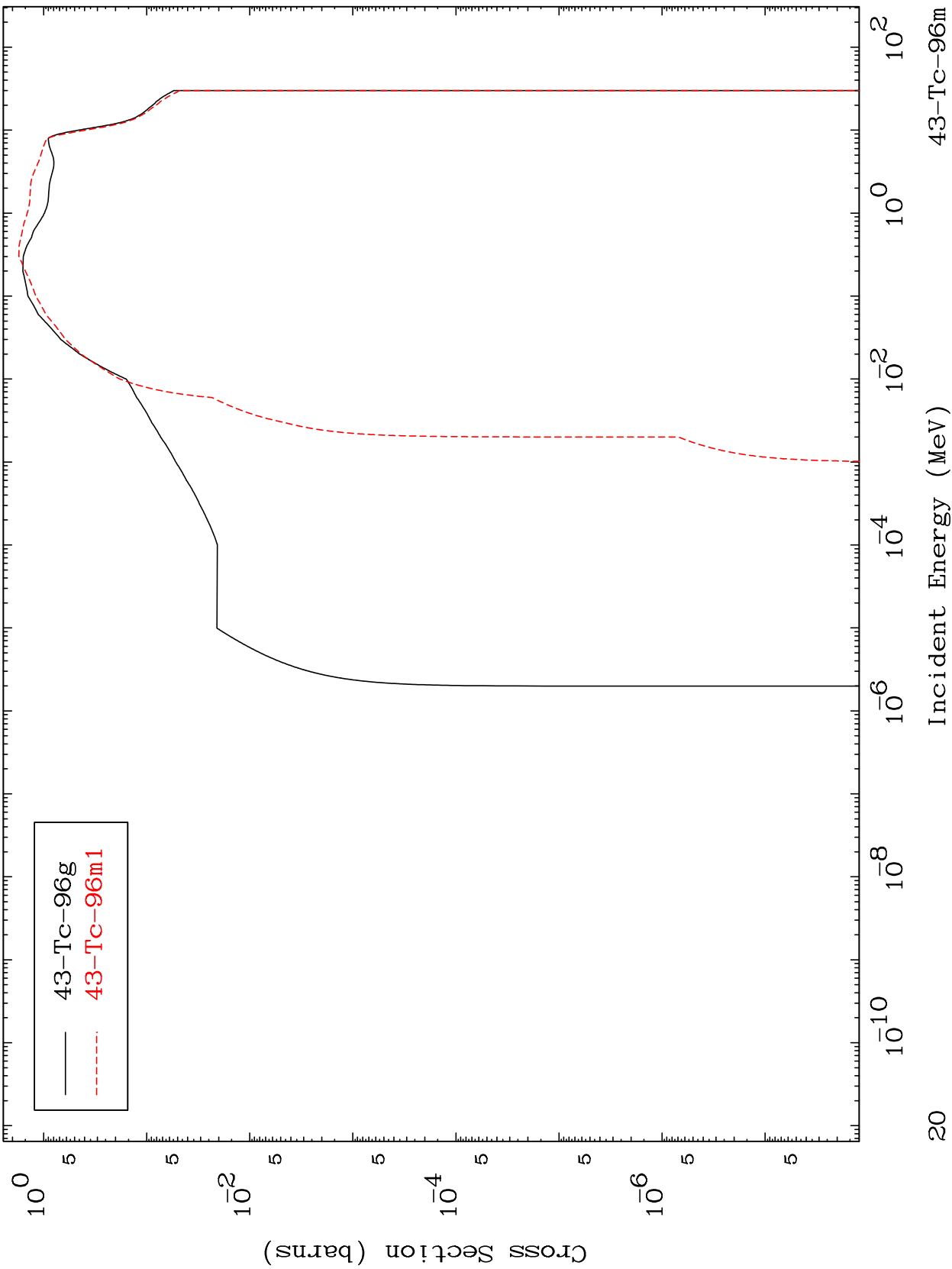
Incident Energy (MeV)

43-Tc-96m

MAT 4317

43-Tc-96m

Inelastic
Radionuclide Production Cross Section

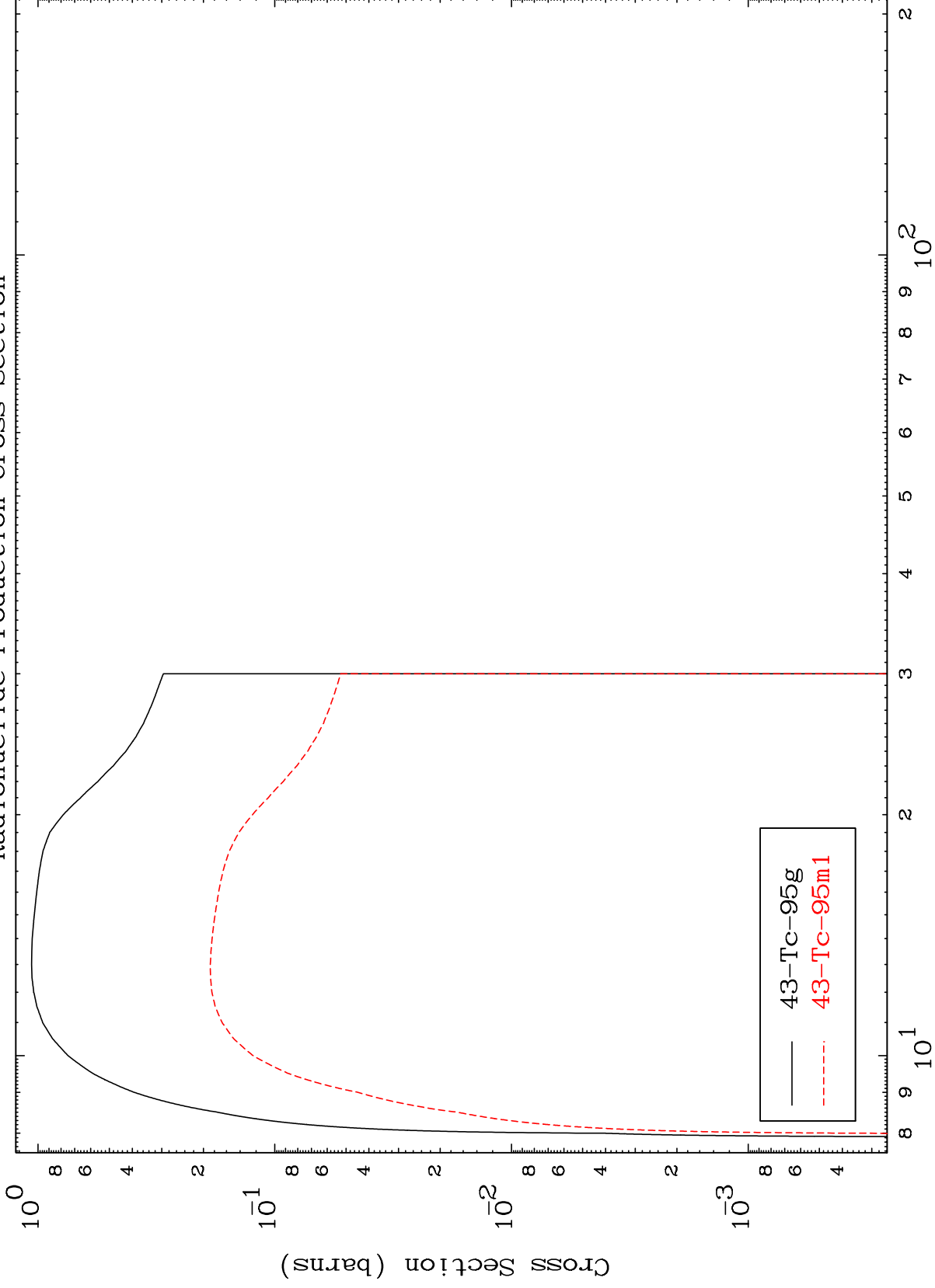


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(n,2n)

43-Tc-96m

Radionuclide Production Cross Section



43-Tc-96m

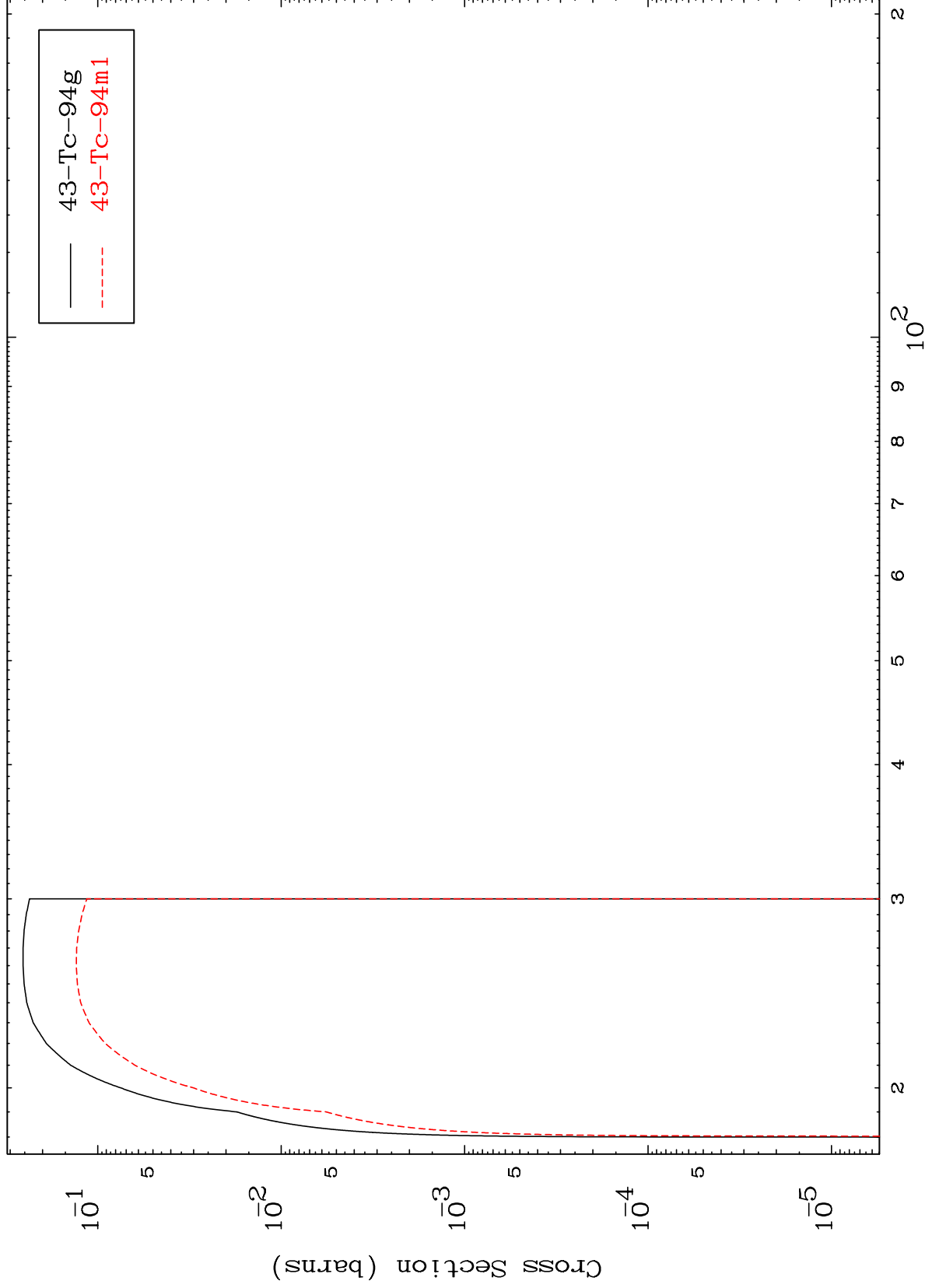
21

MAT 4317

(n,3n)

43-Tc-96m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

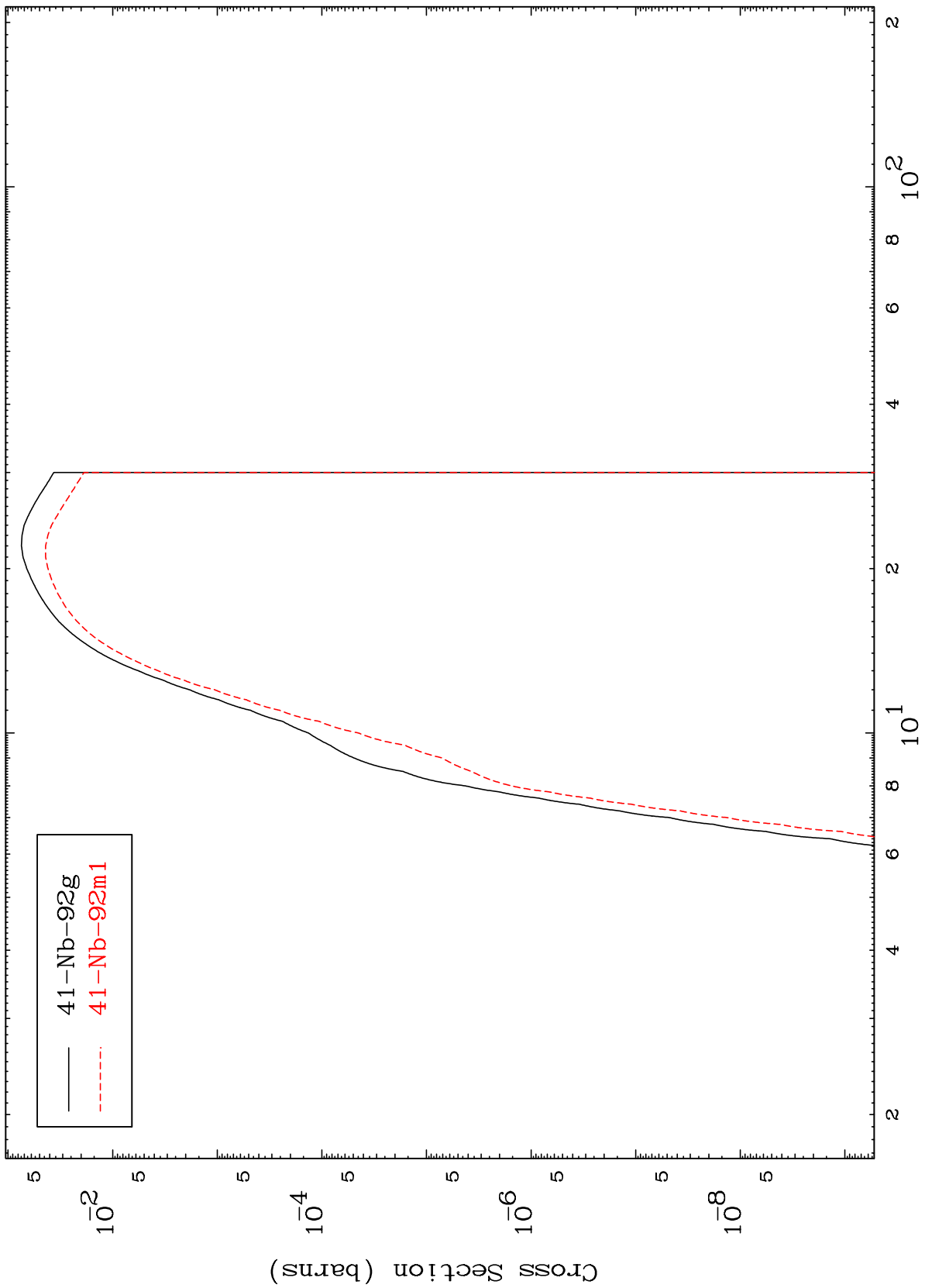
43-Tc-96m

MAT 4317

(n,n') α

43-Tc-96m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

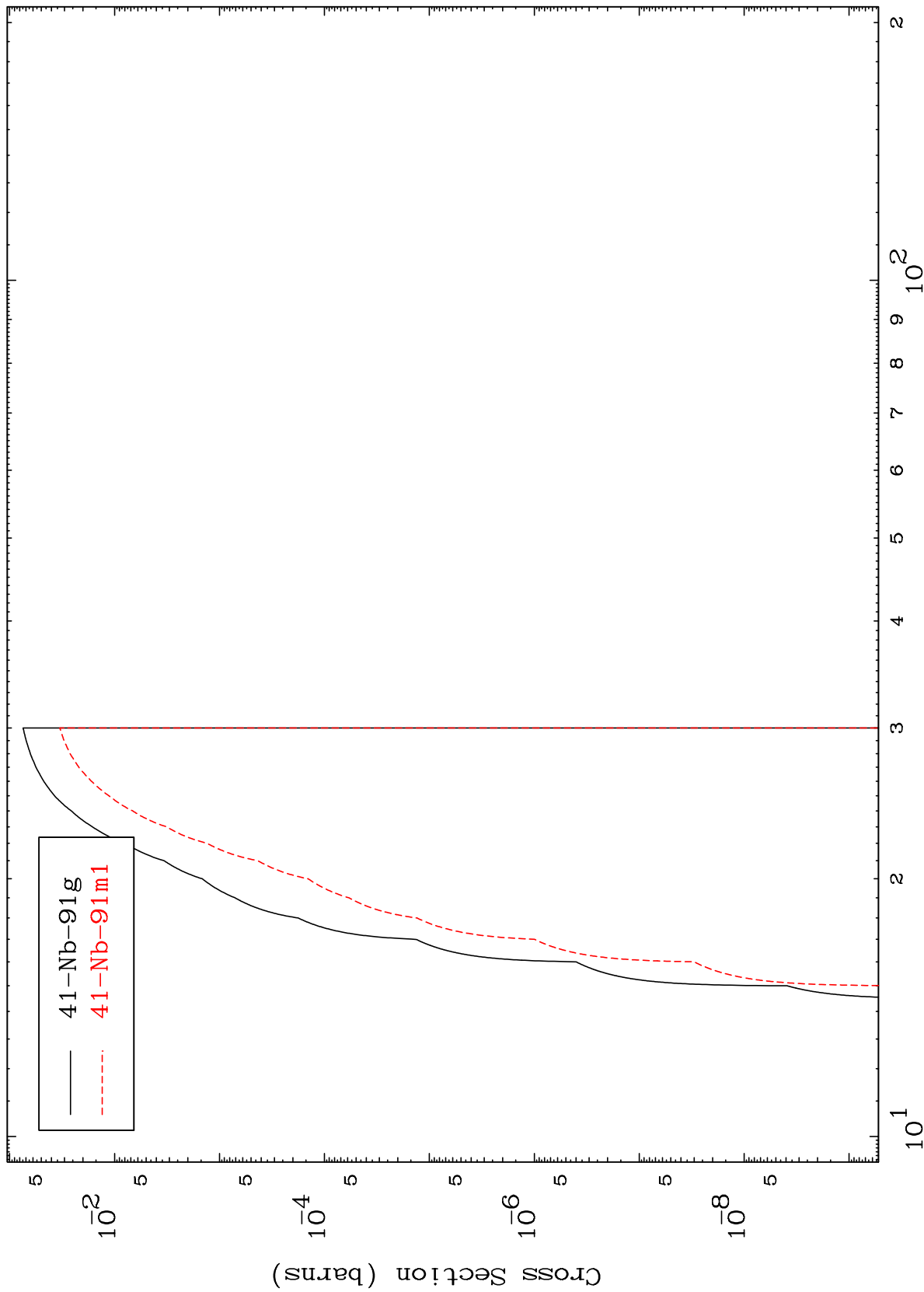
43-Tc-96m

MAT 4317

(n,2n) α

43-Tc-96m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

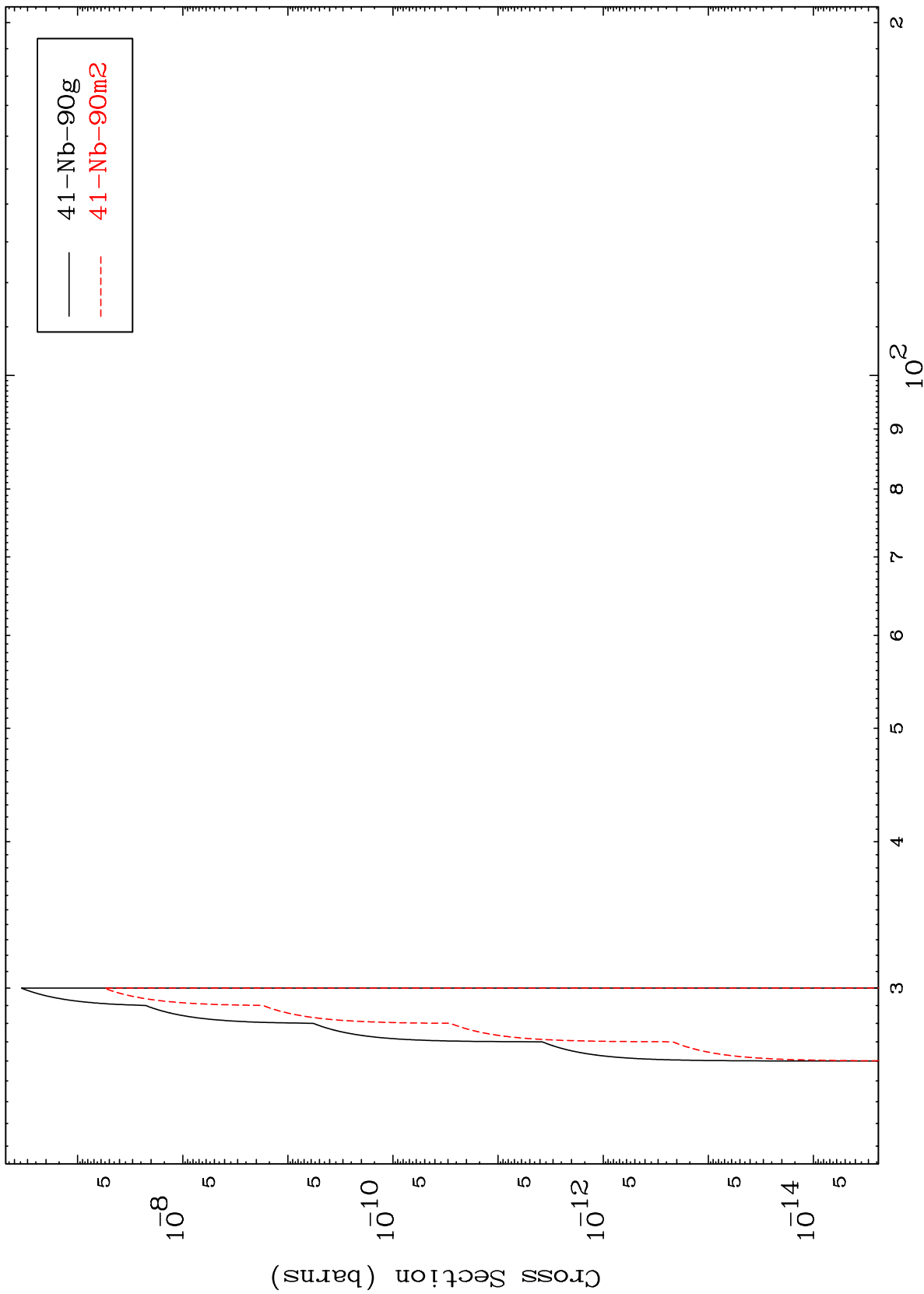
43-Tc-96m

MAT 4317

(n,3n) α

43-Tc-96m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

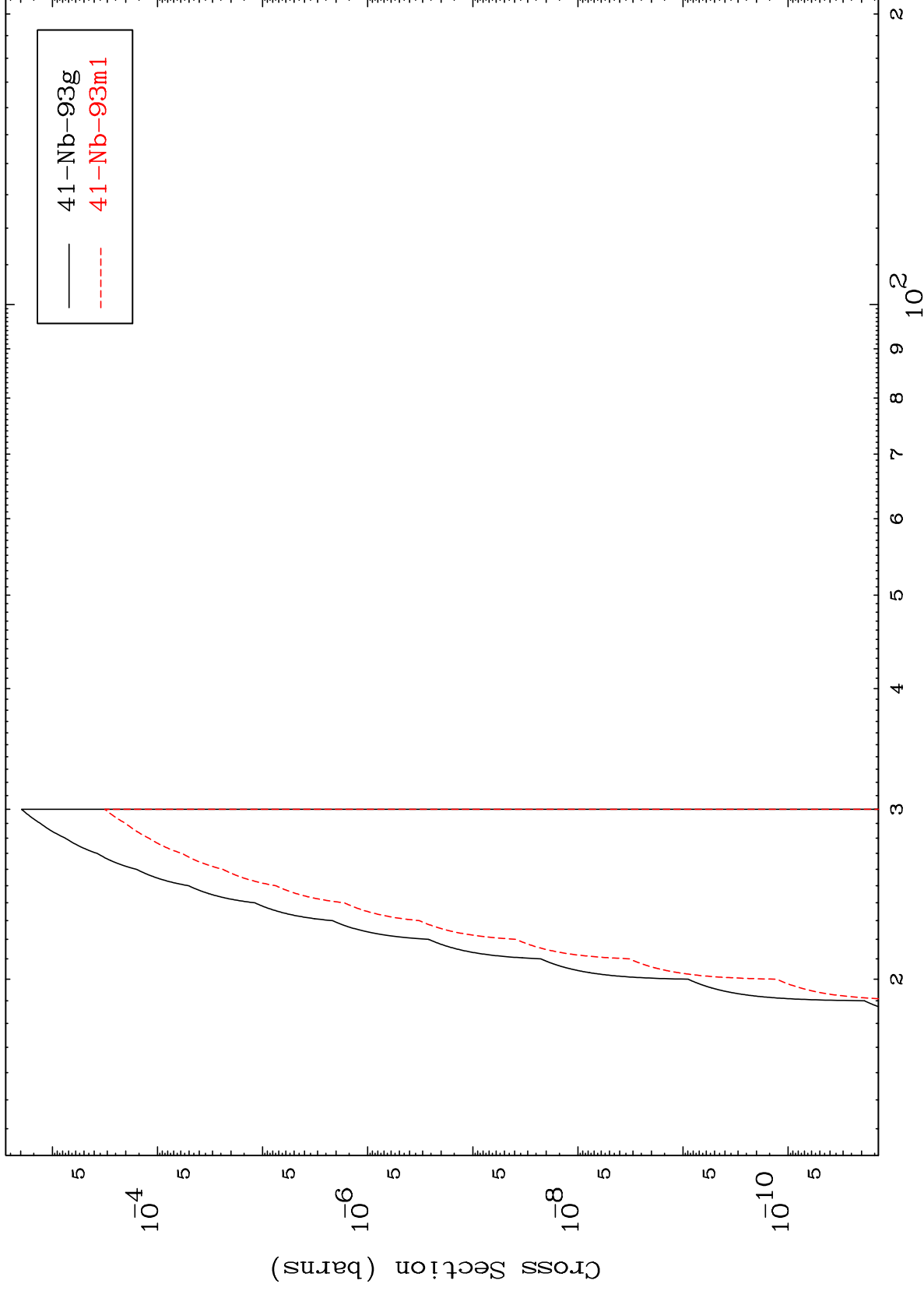
43-Tc-96m

MAT 4317

(n,n') He-3

43-Tc-96m

Radionuclide Production Cross Section



26

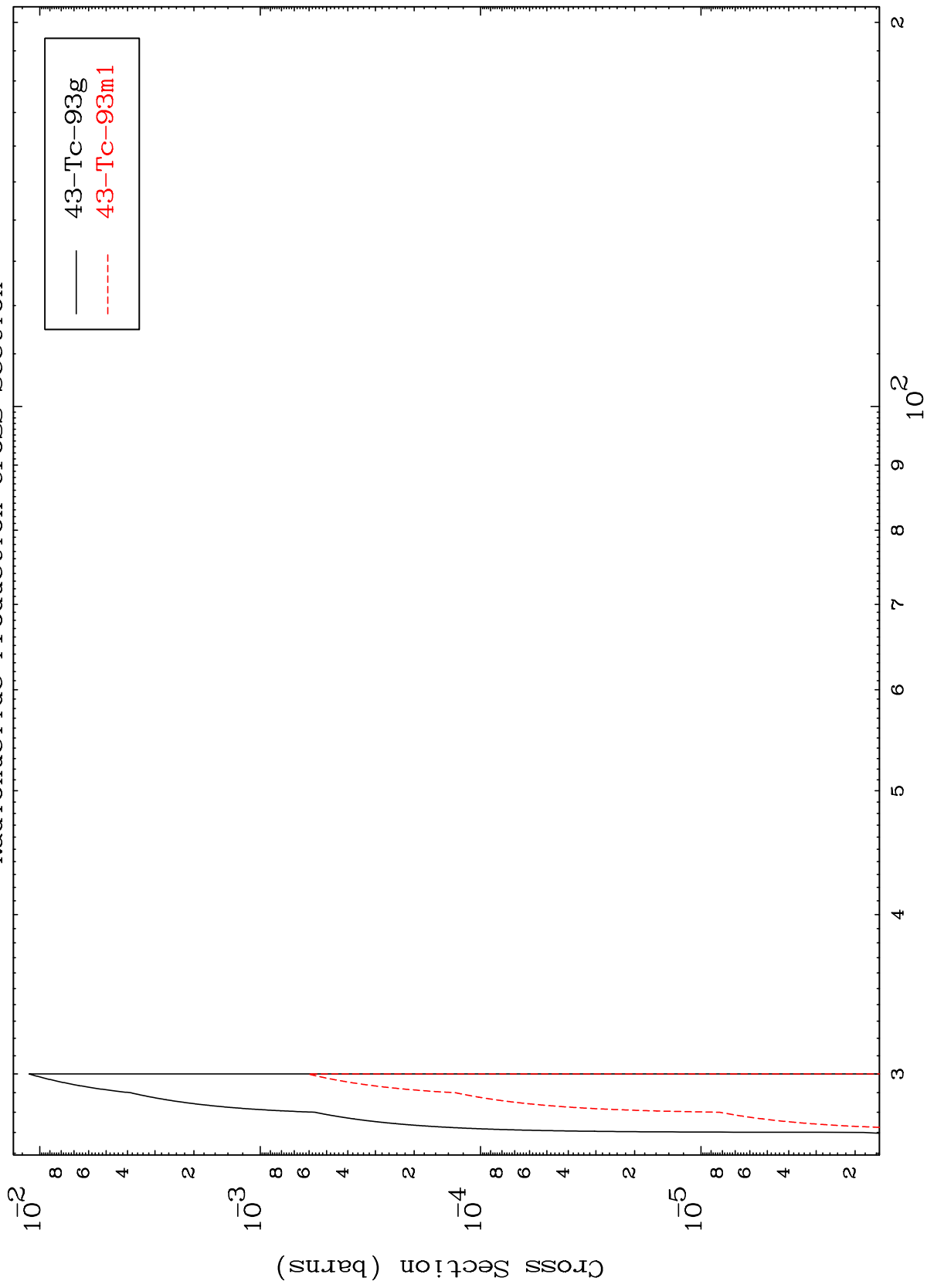
Incident Energy (MeV)

43-Tc-96m

MAT 4317

43-Tc-96m

(n,4n)
Radionuclide Production Cross Section



27

43-Tc-96m

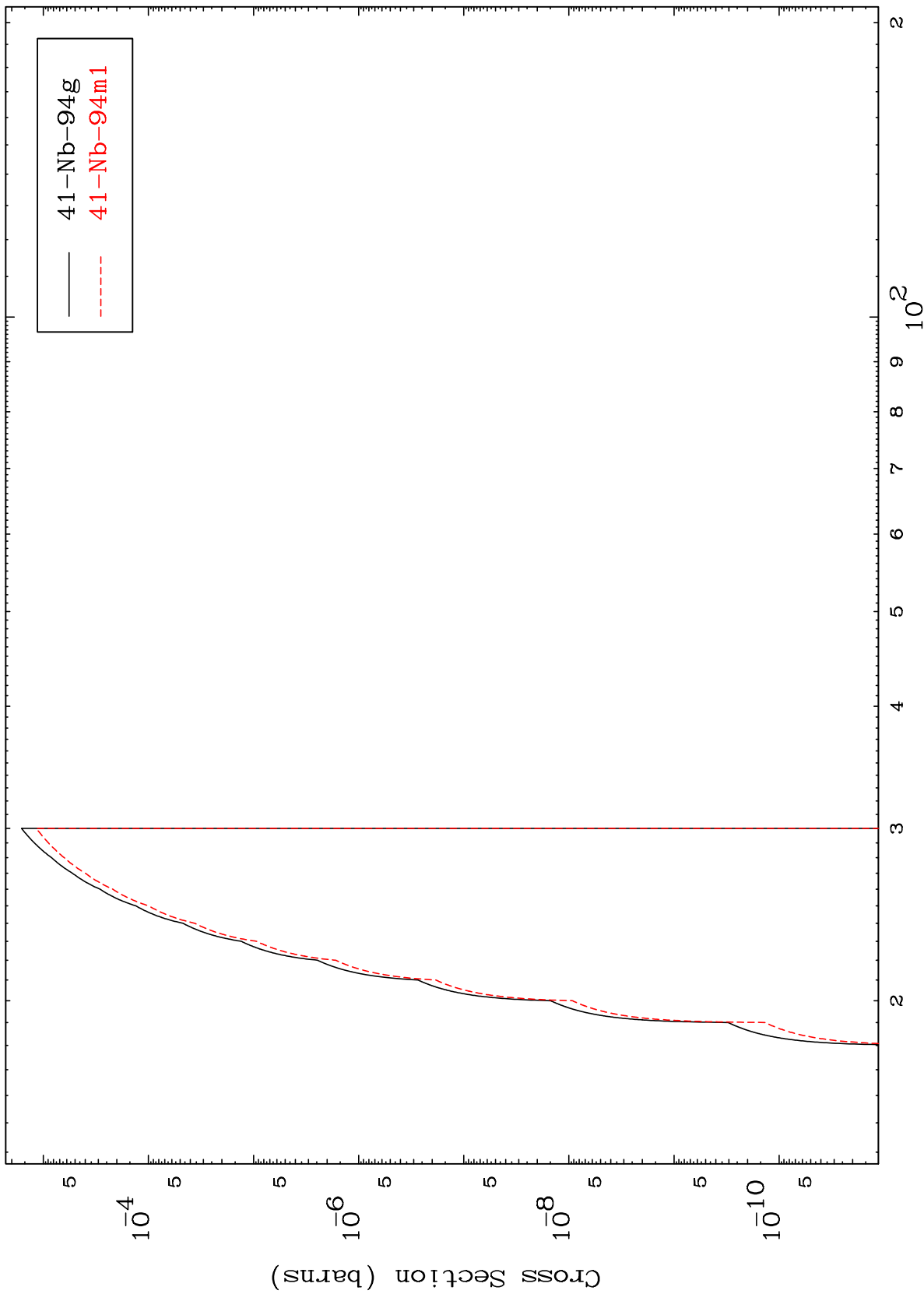
Incident Energy (MeV)

MAT 4317

(n,2n) p

43-Tc-96m

Radionuclide Production Cross Section



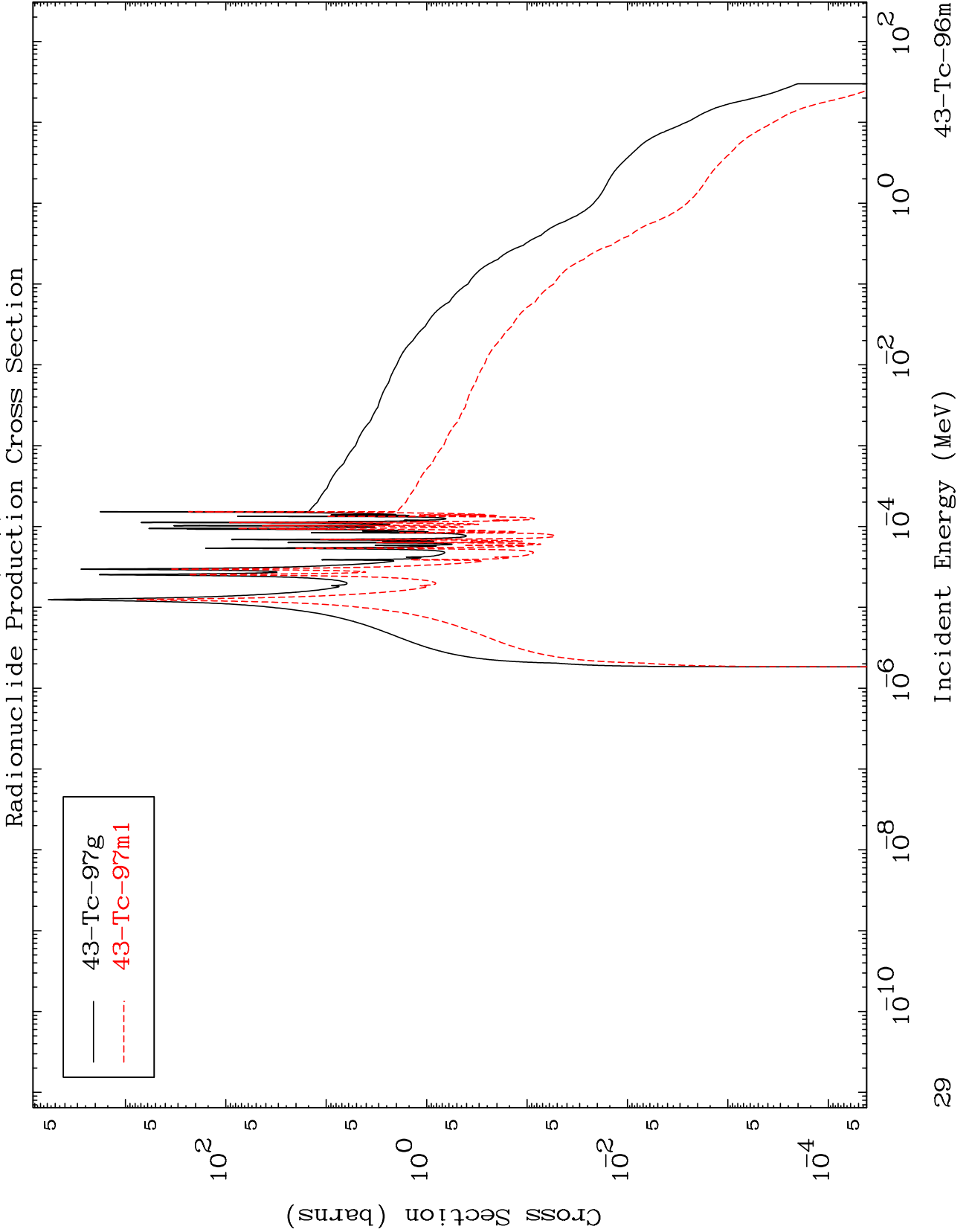
28

Incident Energy (MeV)

43-Tc-96m

MAT 4317

⁴³Tc-96m

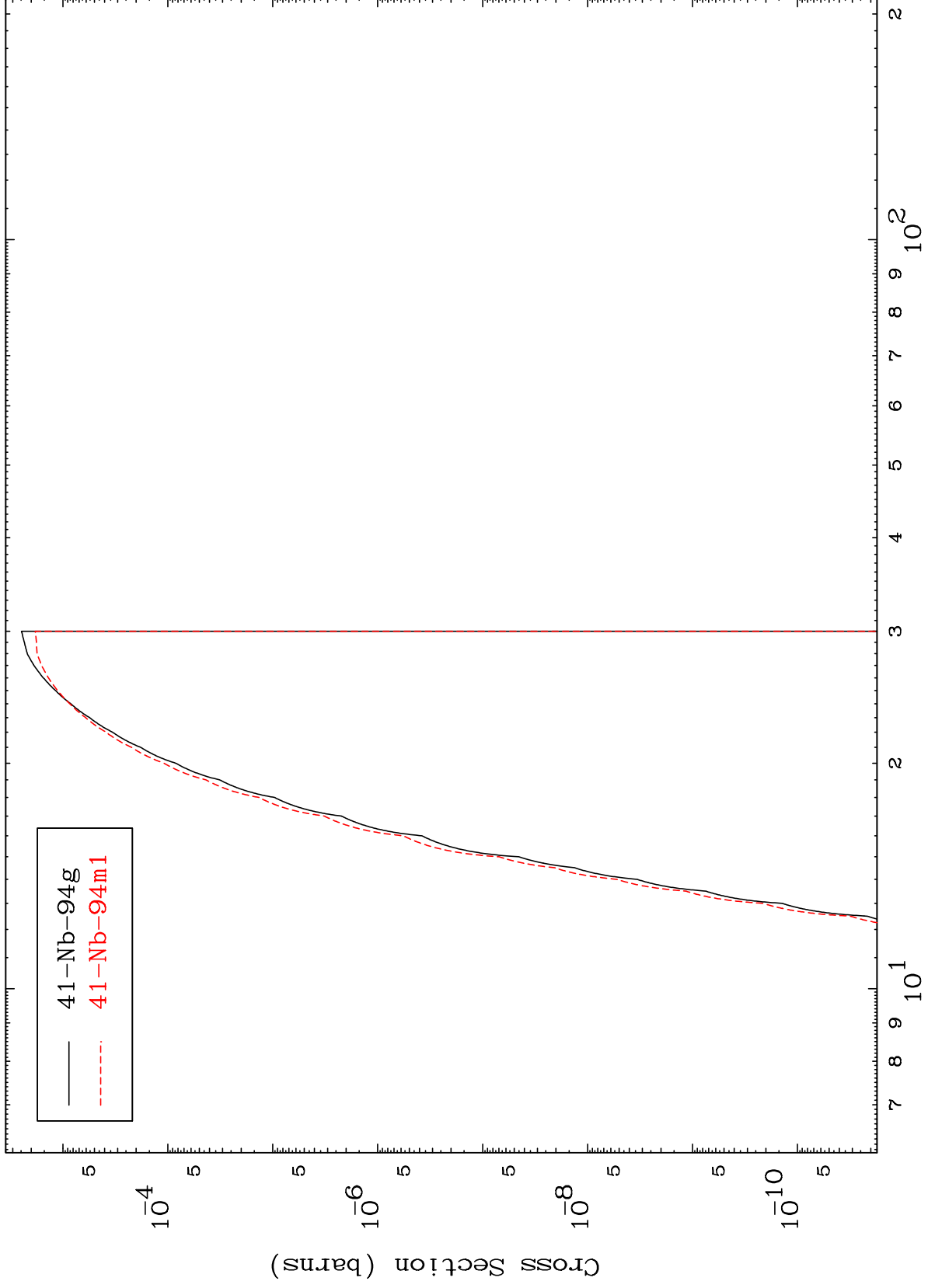


MAT 4317

(n,He-3)

43-Tc-96m

Radionuclide Production Cross Section



30

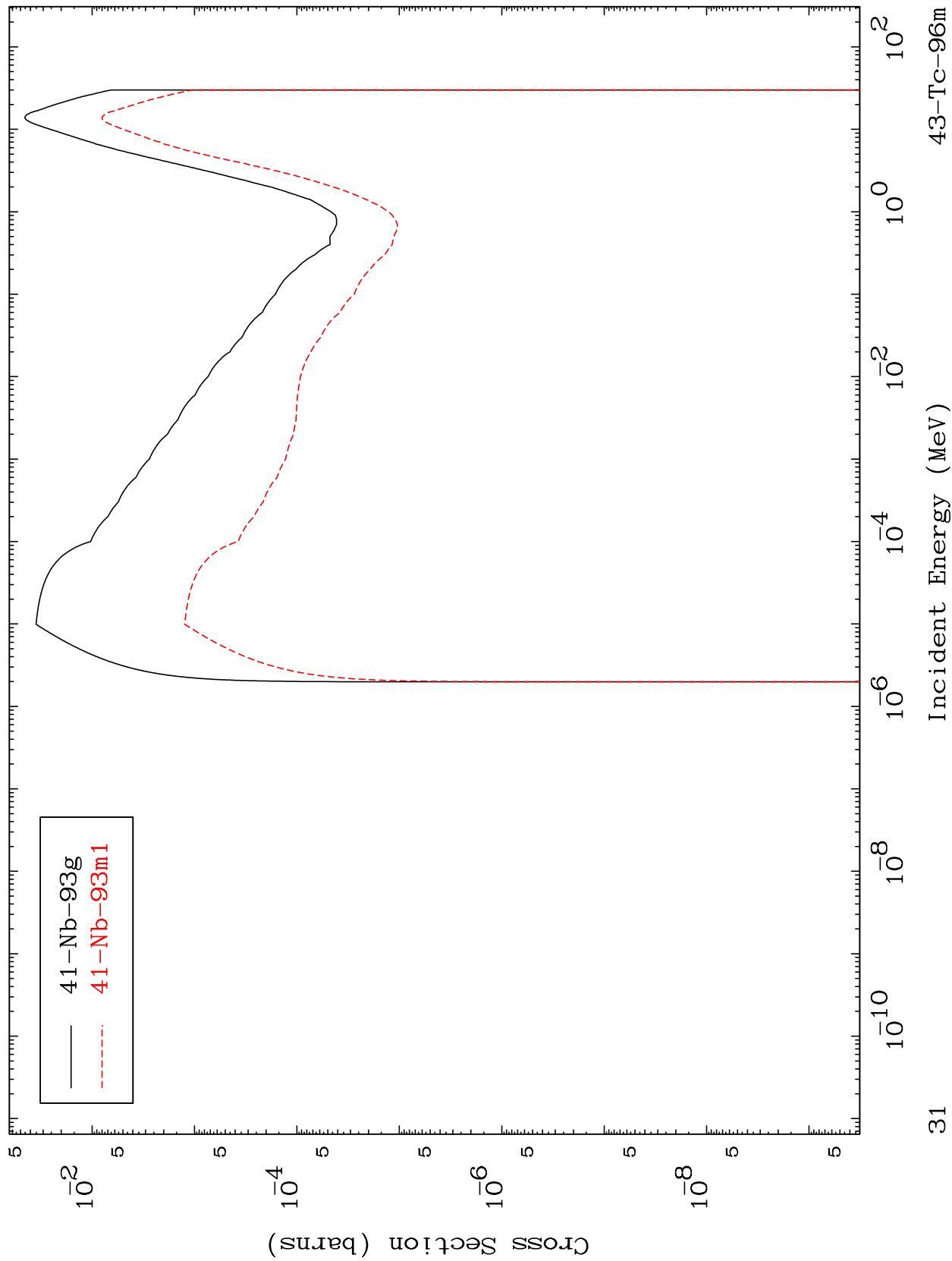
Incident Energy (MeV)

43-Tc-96m

MAT 4317

43-Tc-96m

Radionuclide Production Cross Section



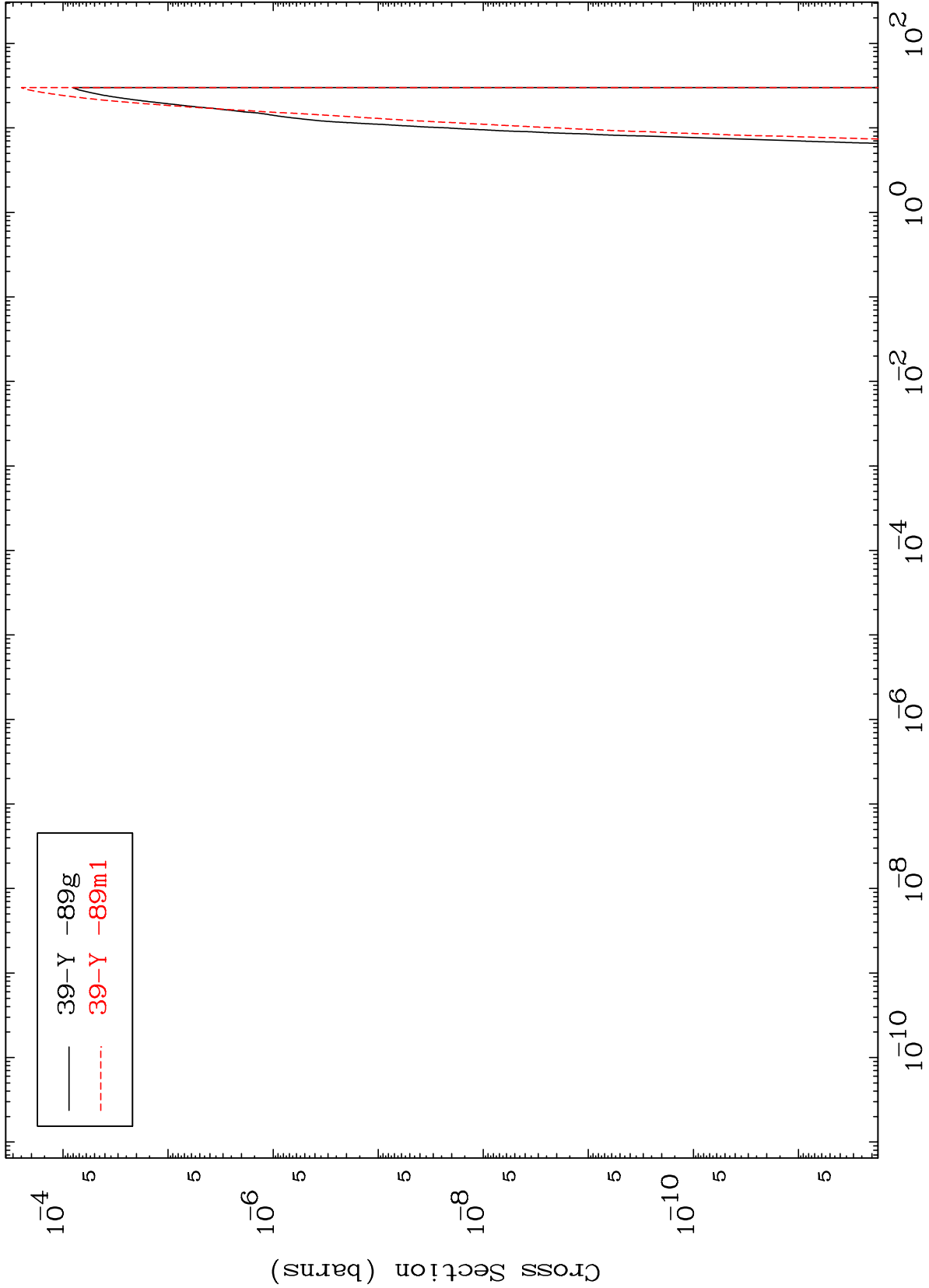
— 41-Nb-93g
- - - 41-Nb-93m1

MAT 4317

(n,2α)

43-Tc-96m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

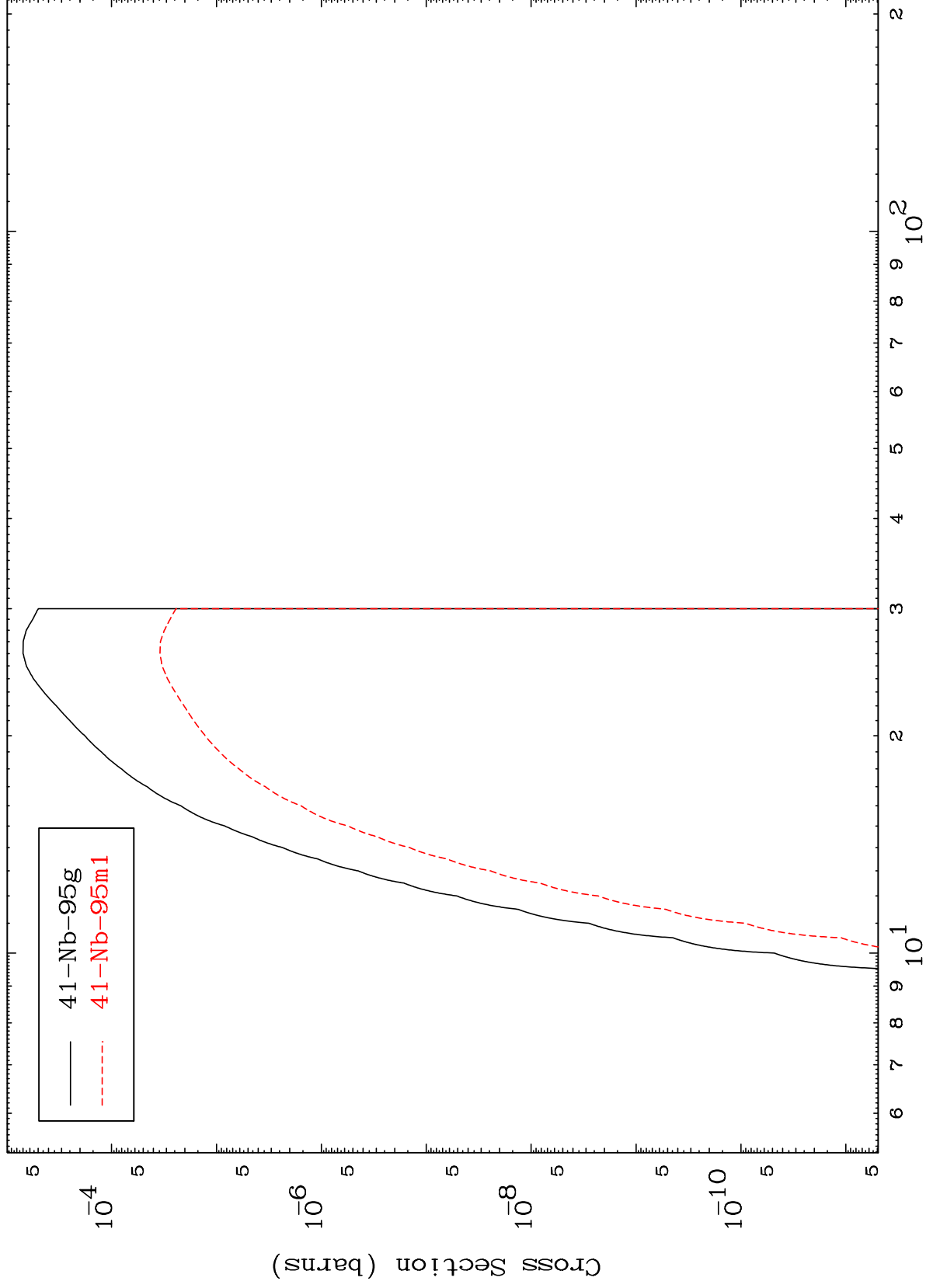
43-Tc-96m

MAT 4317

(n,2p)

43-Tc-96m

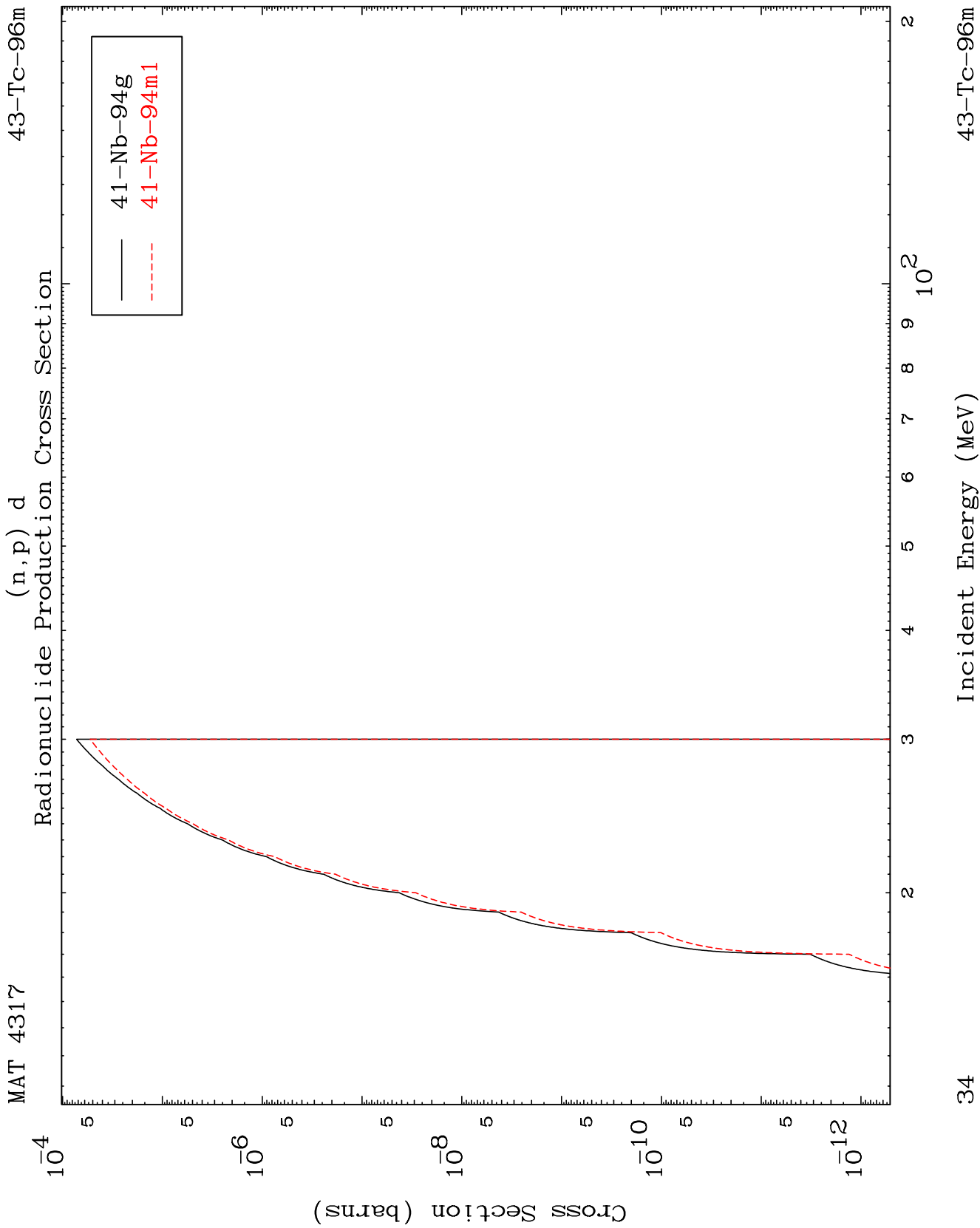
Radionuclide Production Cross Section



33

Incident Energy (MeV)

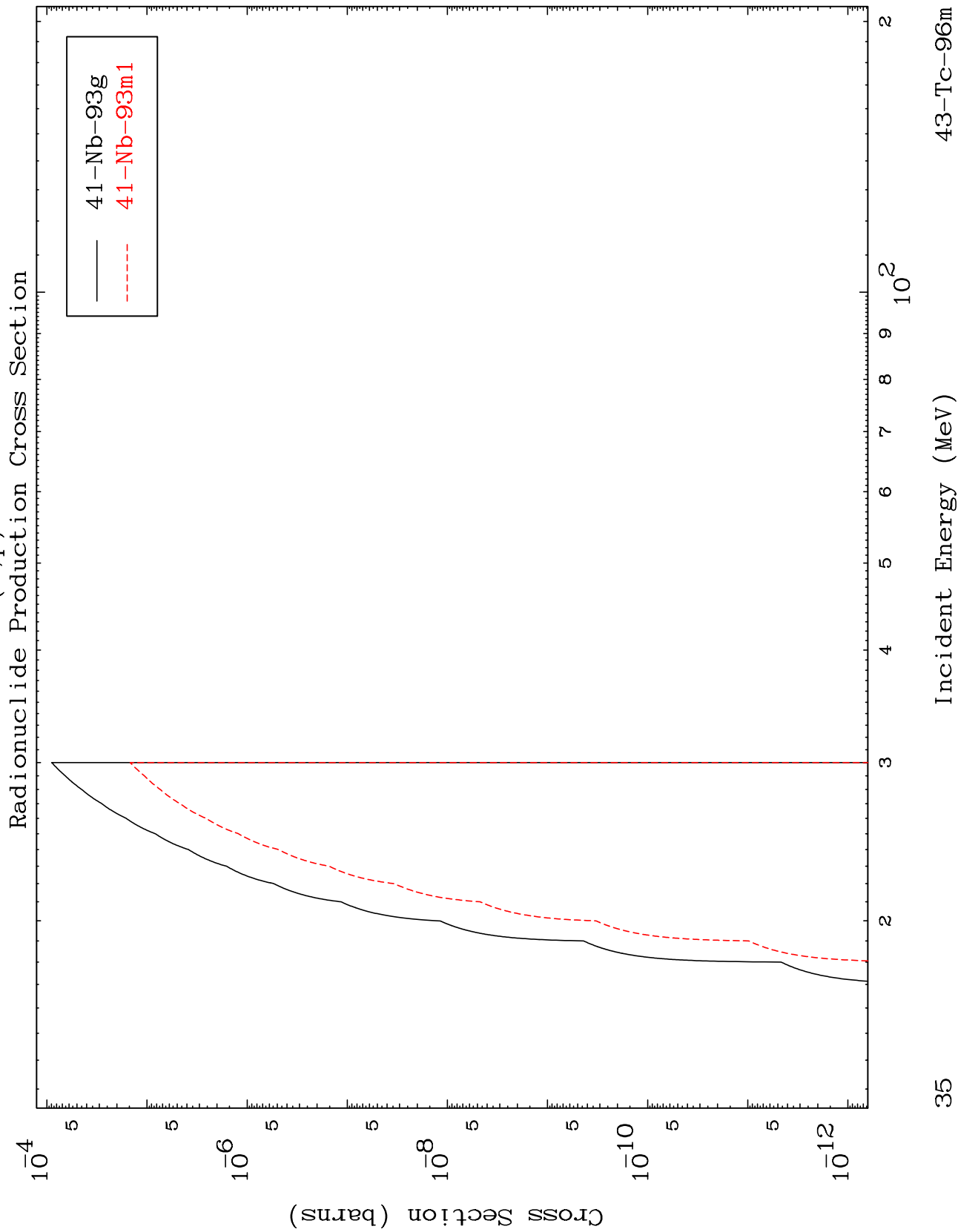
43-Tc-96m



MAT 4317

(n,p) t

43-Tc-96m



35

43-Tc-96m