

Program EVALPLOT
(Version 2018-1)

by

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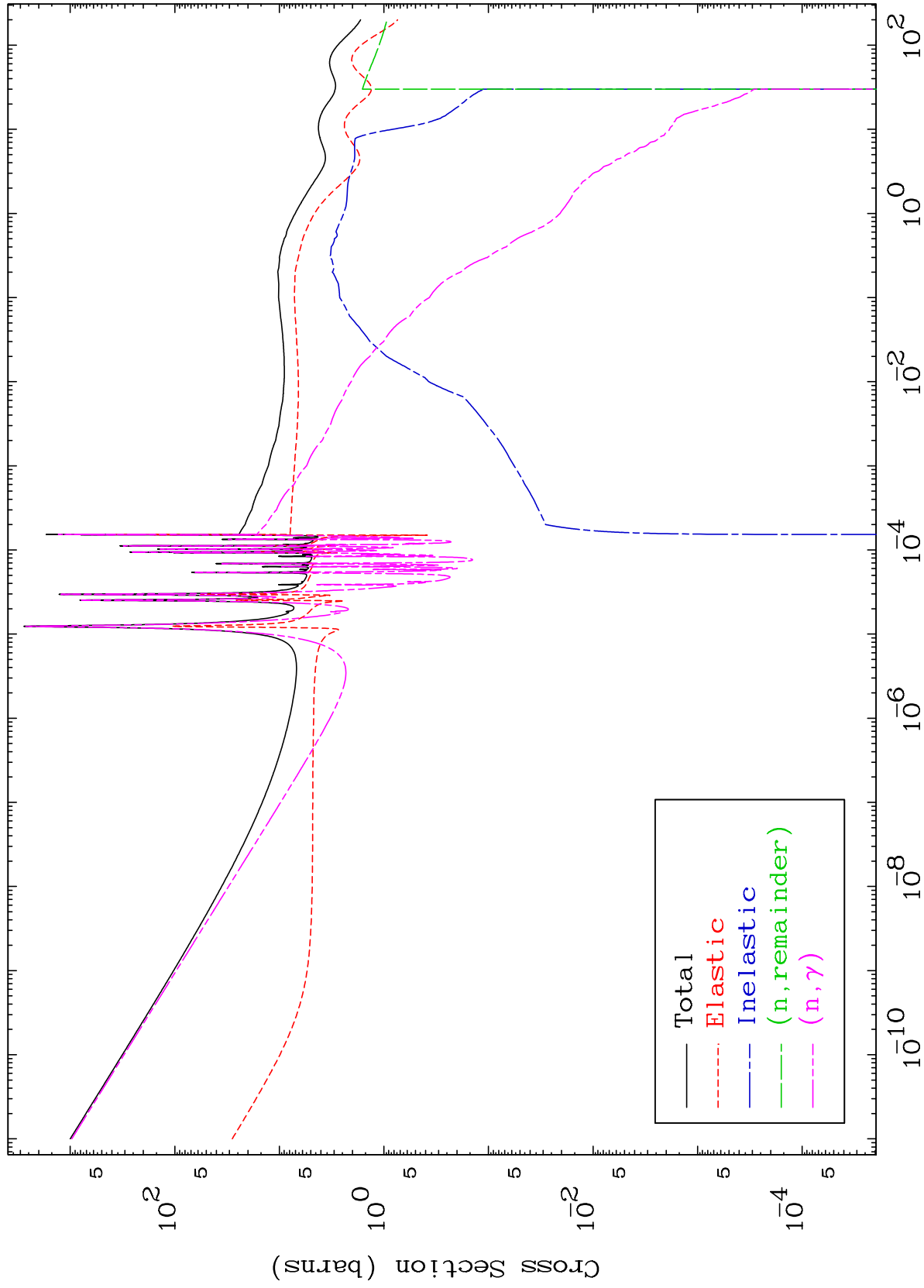
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4317

Major
293 Kelvin Cross Sections

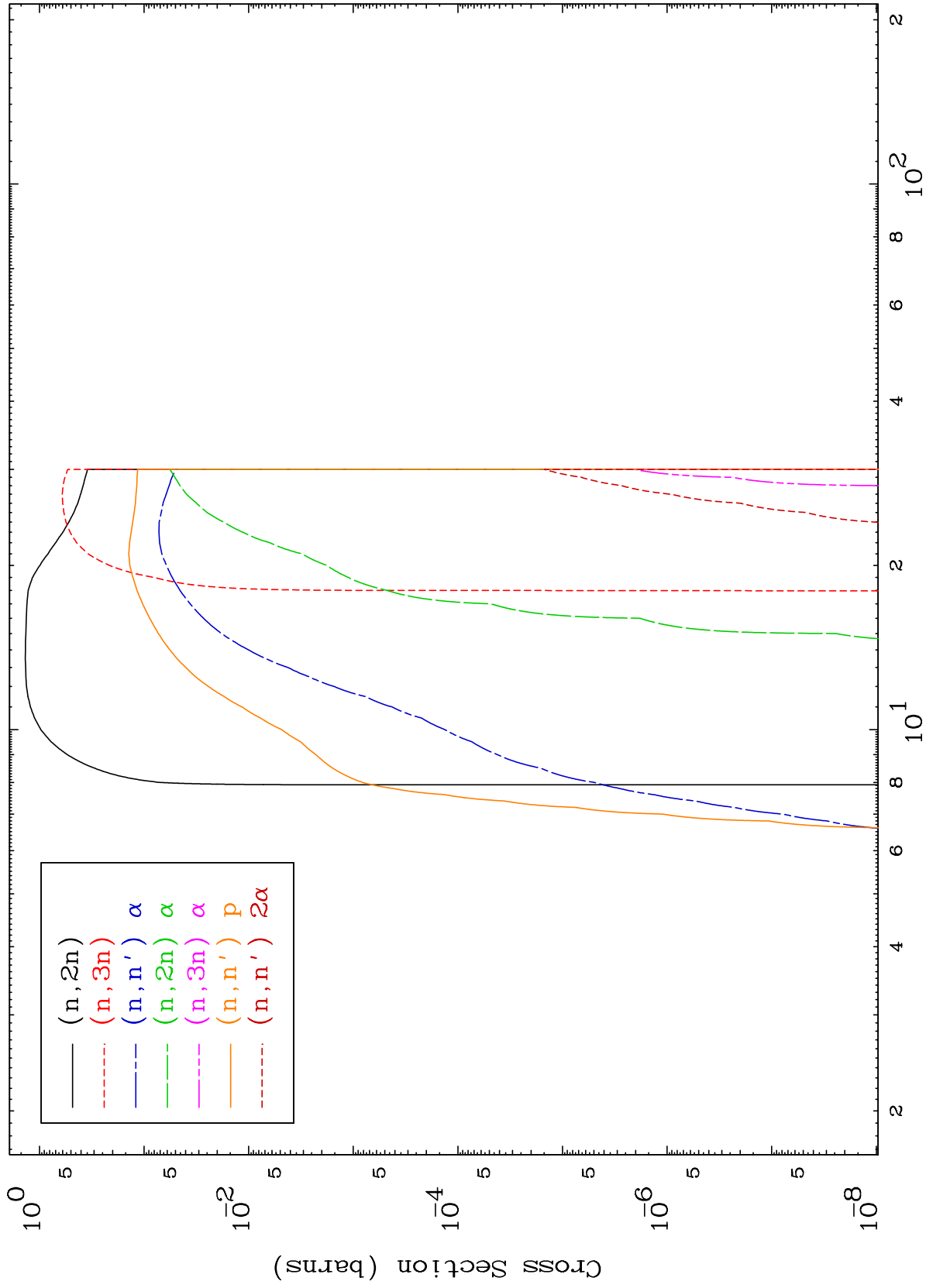
43-Tc-96



MAT 4317

Neutron Production
293 Kelvin Cross Sections

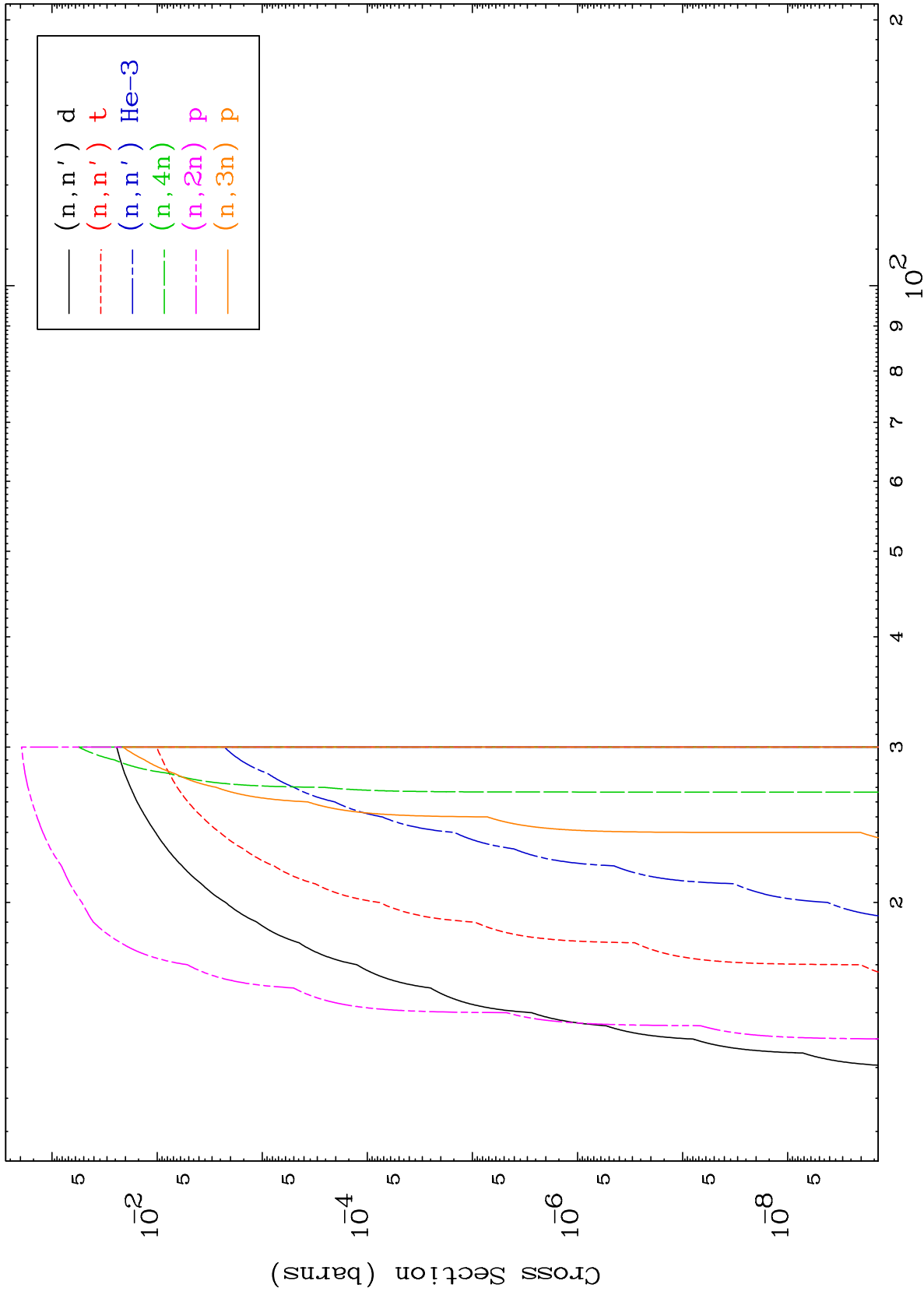
43-Tc-96

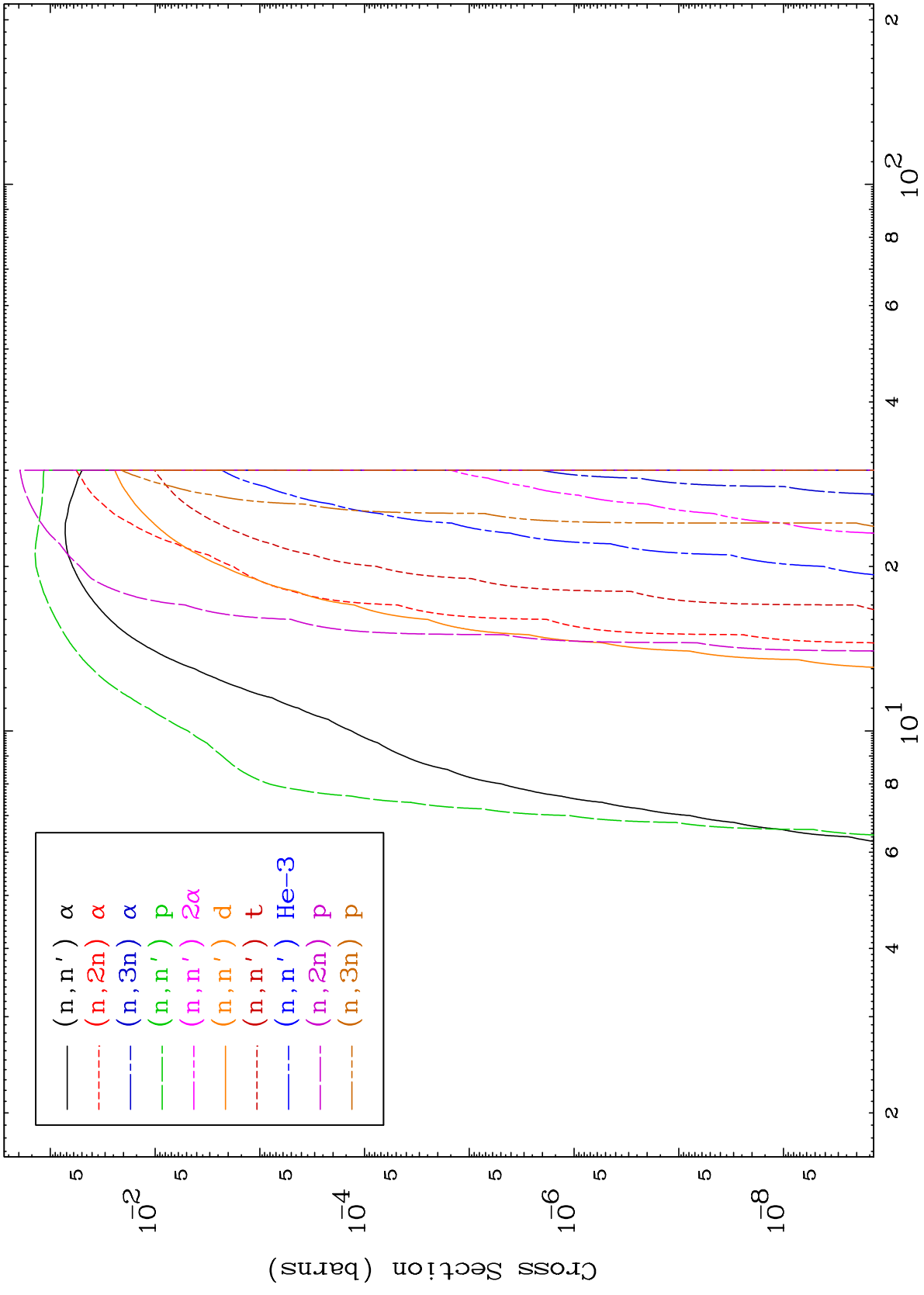


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Incident Energy (MeV)

43-Tc-96

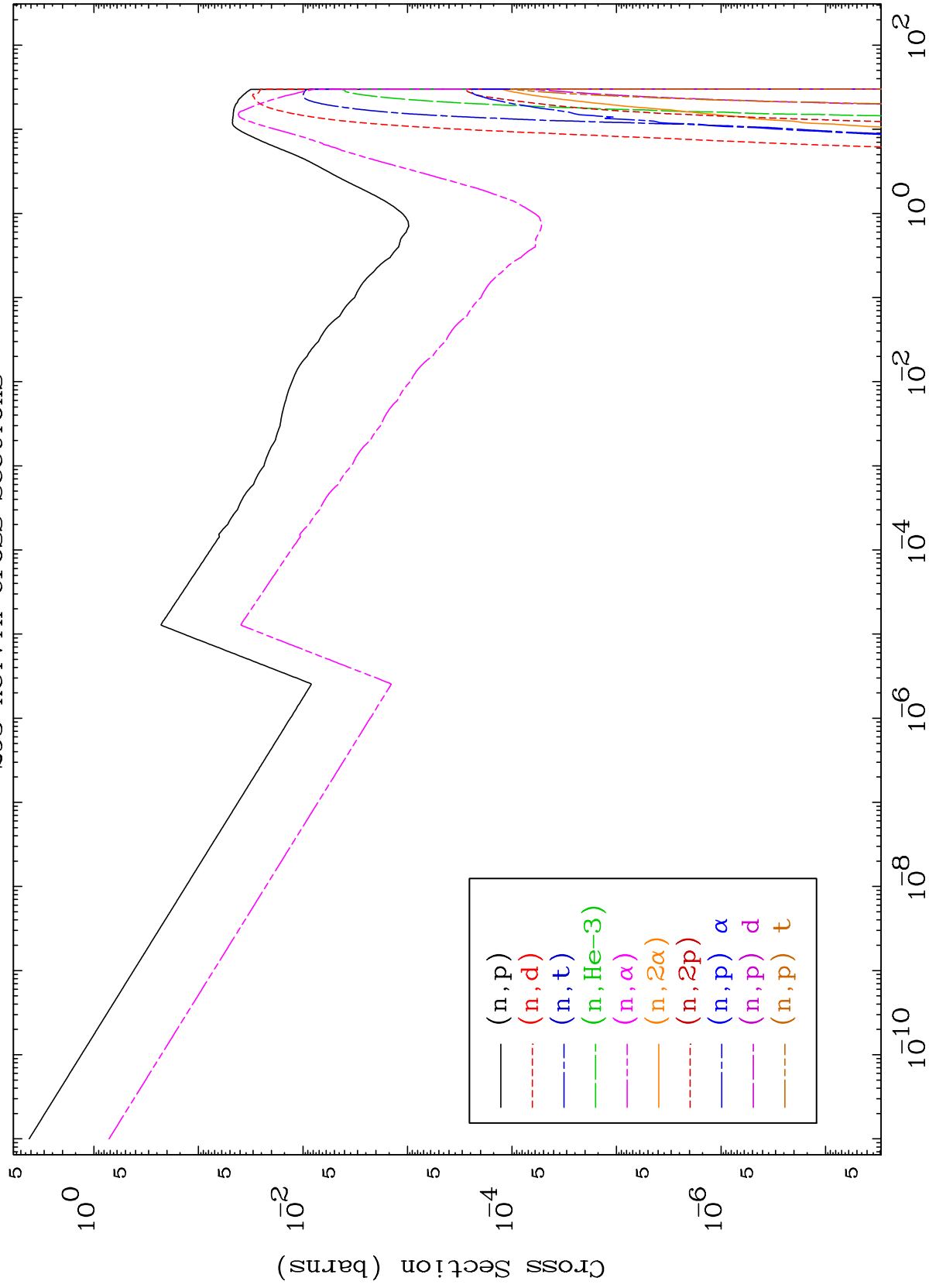




MAT 4317

Charged Particle
293 Kelvin Cross Sections

43-Tc-96



5

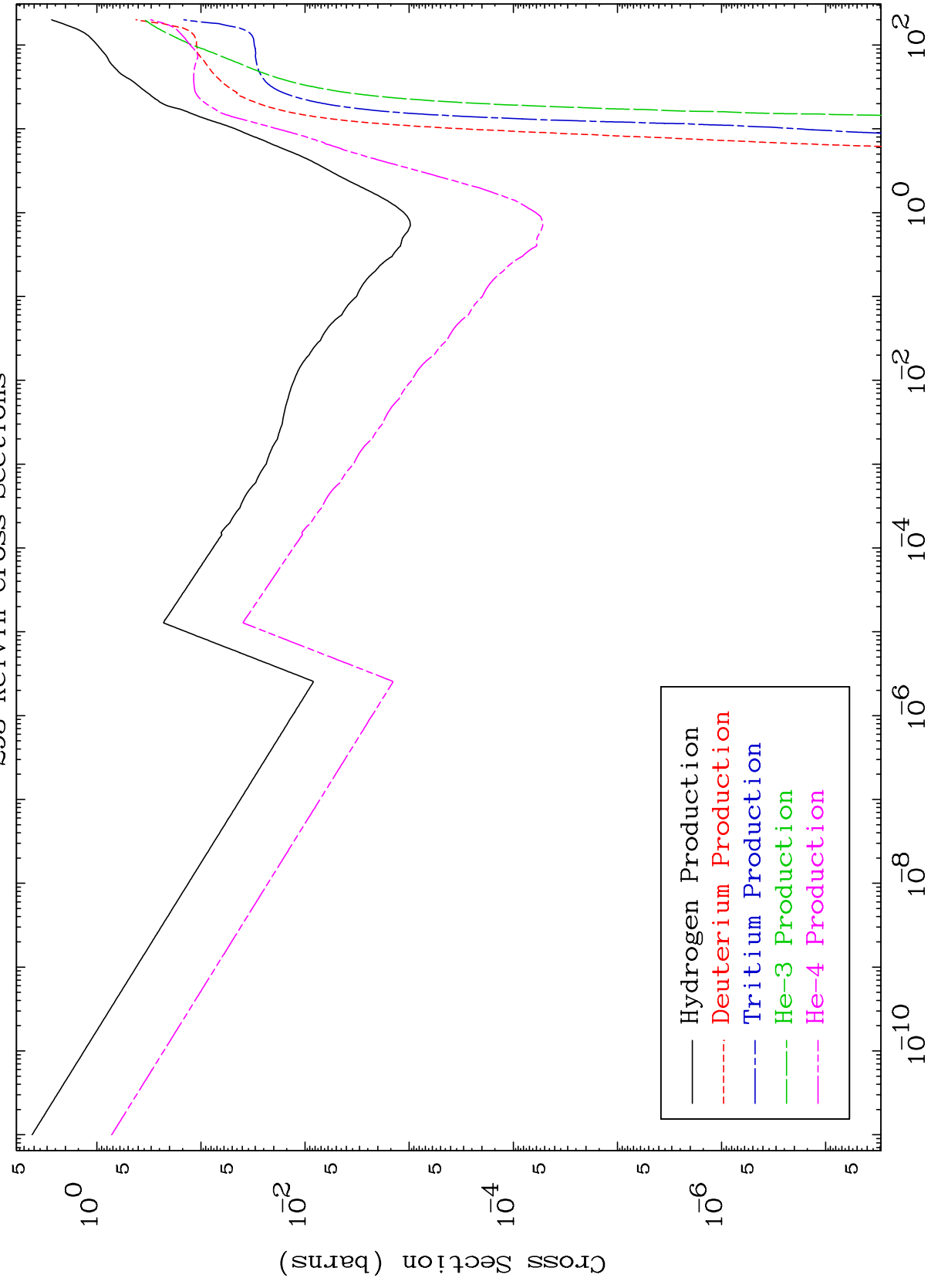
Incident Energy (MeV)

43-Tc-96

MAT 4317

Particle Production
293 Kelvin Cross Sections

43-Tc-96



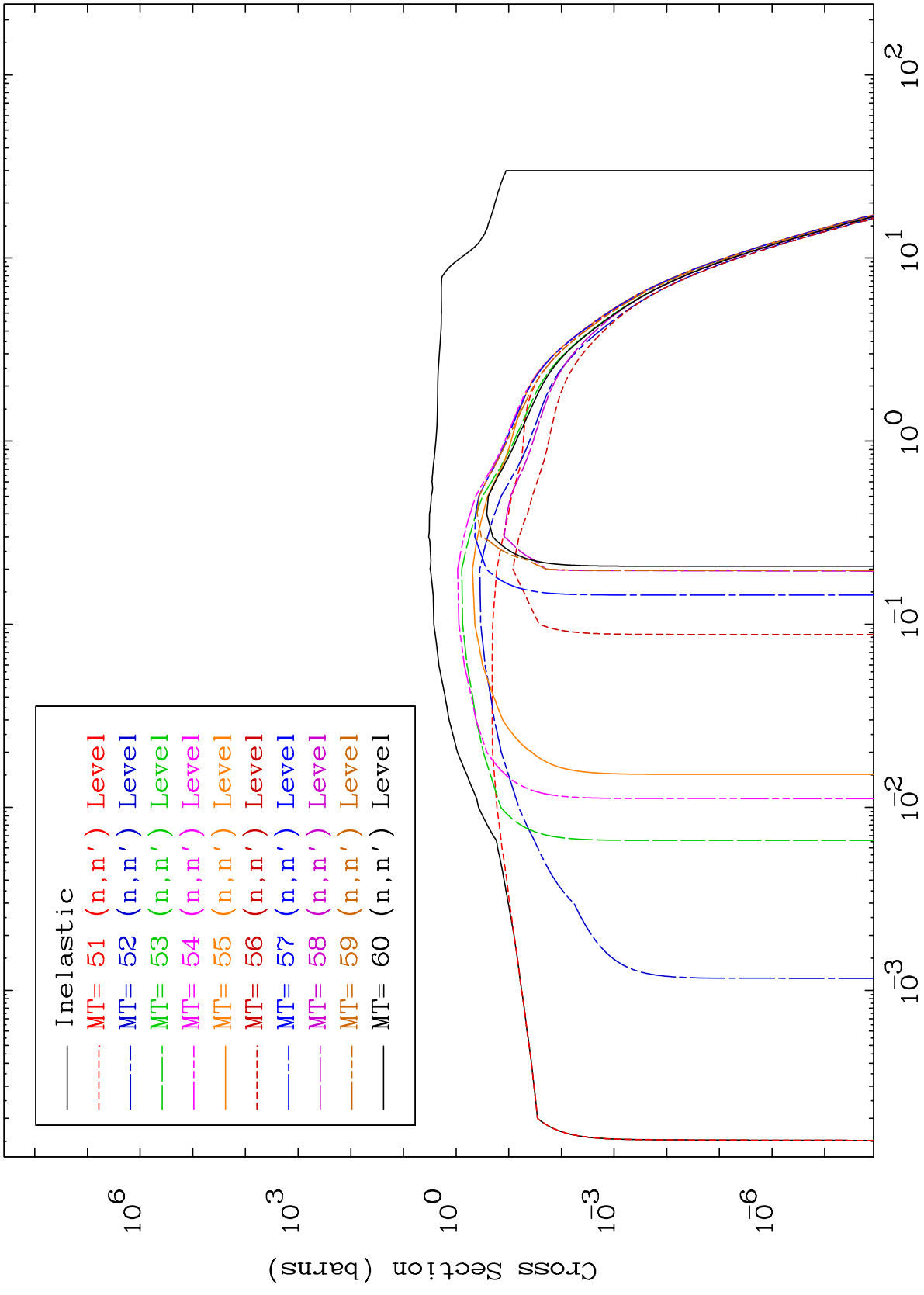
6

43-Tc-96

MAT 4317

293 Kelvin Cross Sections

43-Tc-96



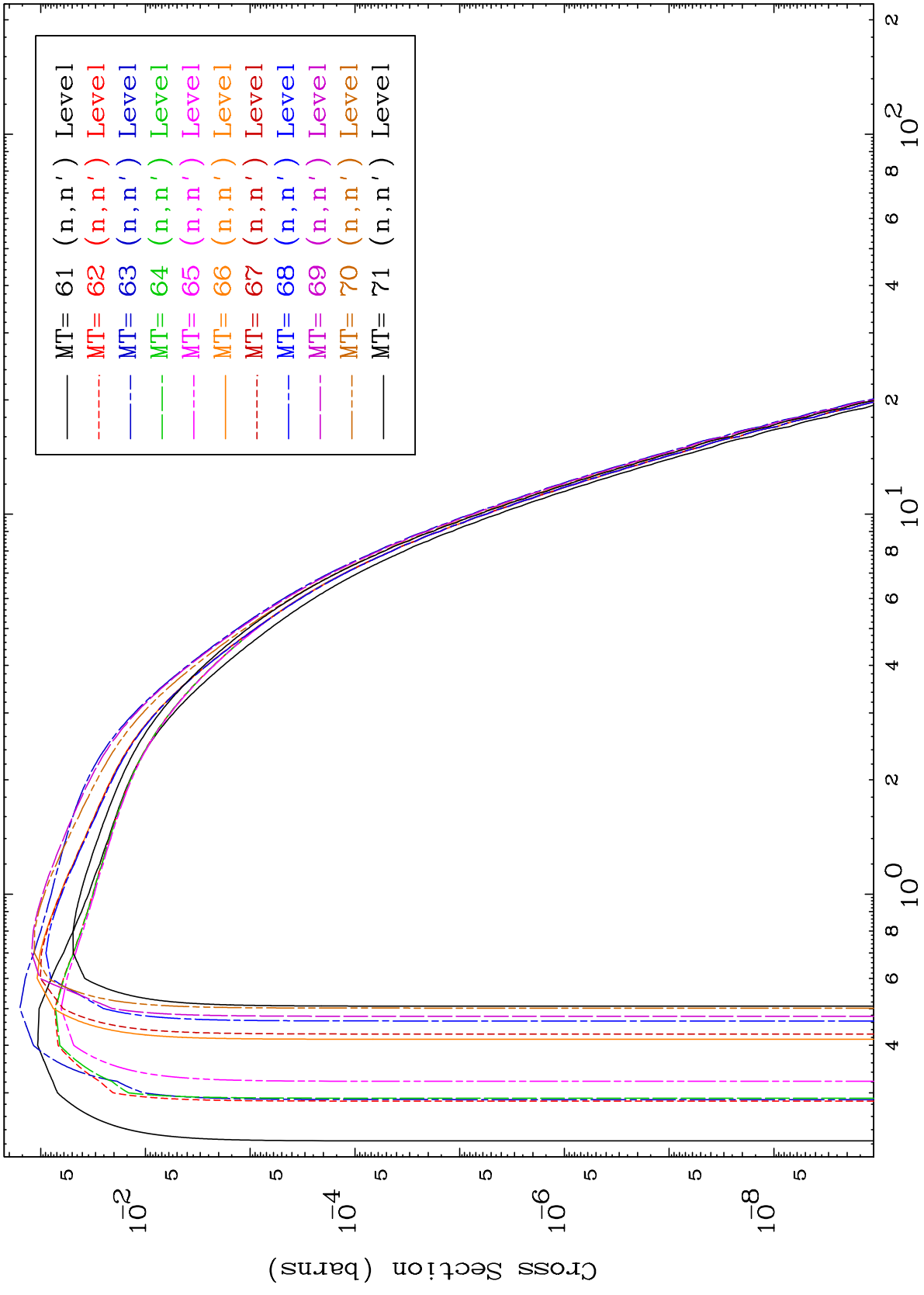
43-Tc-96

MAT 4317

(n,n') Level

43-Tc-96

293 Kelvin Cross Sections



8

Incident Energy (MeV)

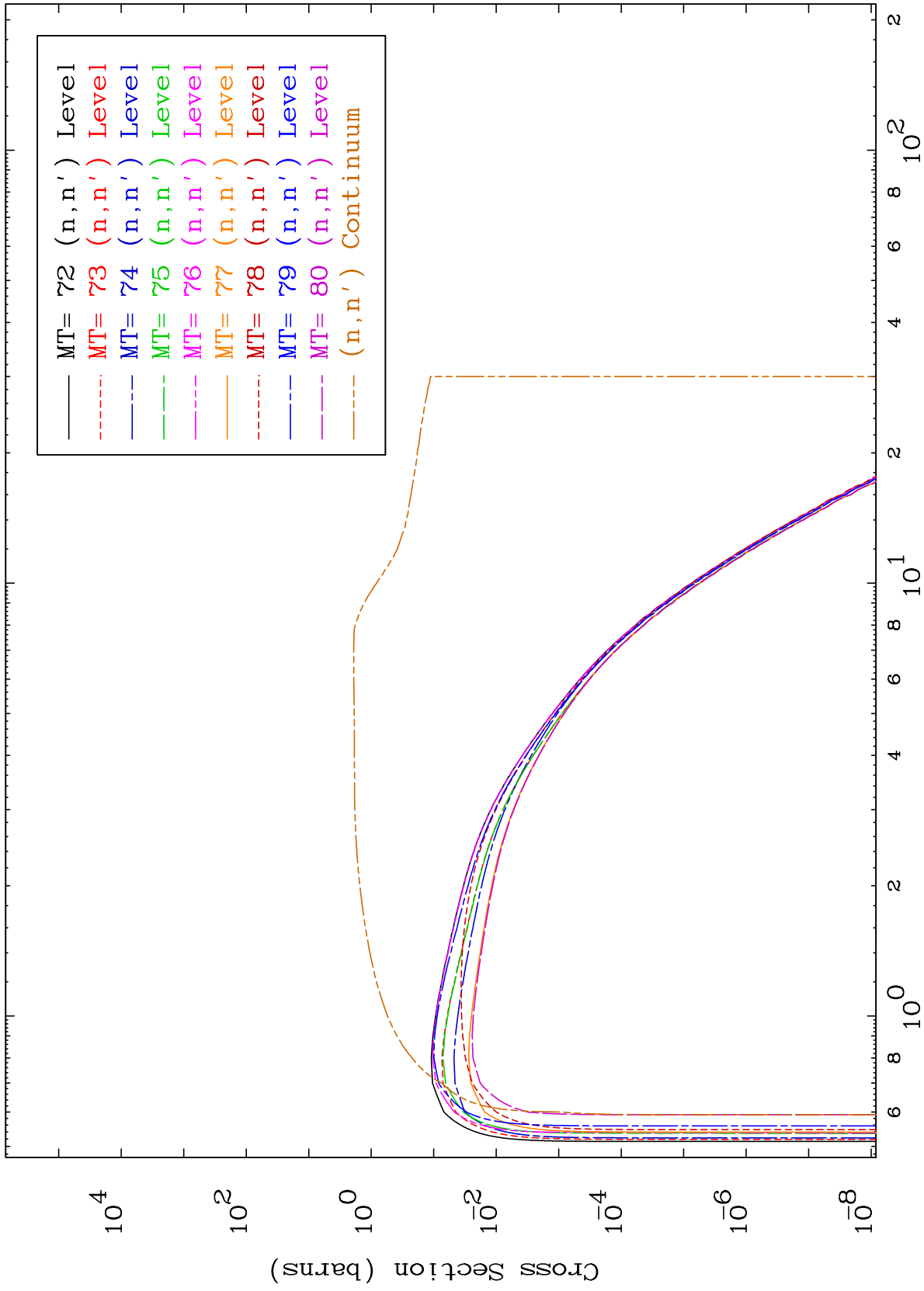
43-Tc-96

MAT 4317

(n,n') Level

43-Tc-96

293 Kelvin Cross Sections



9

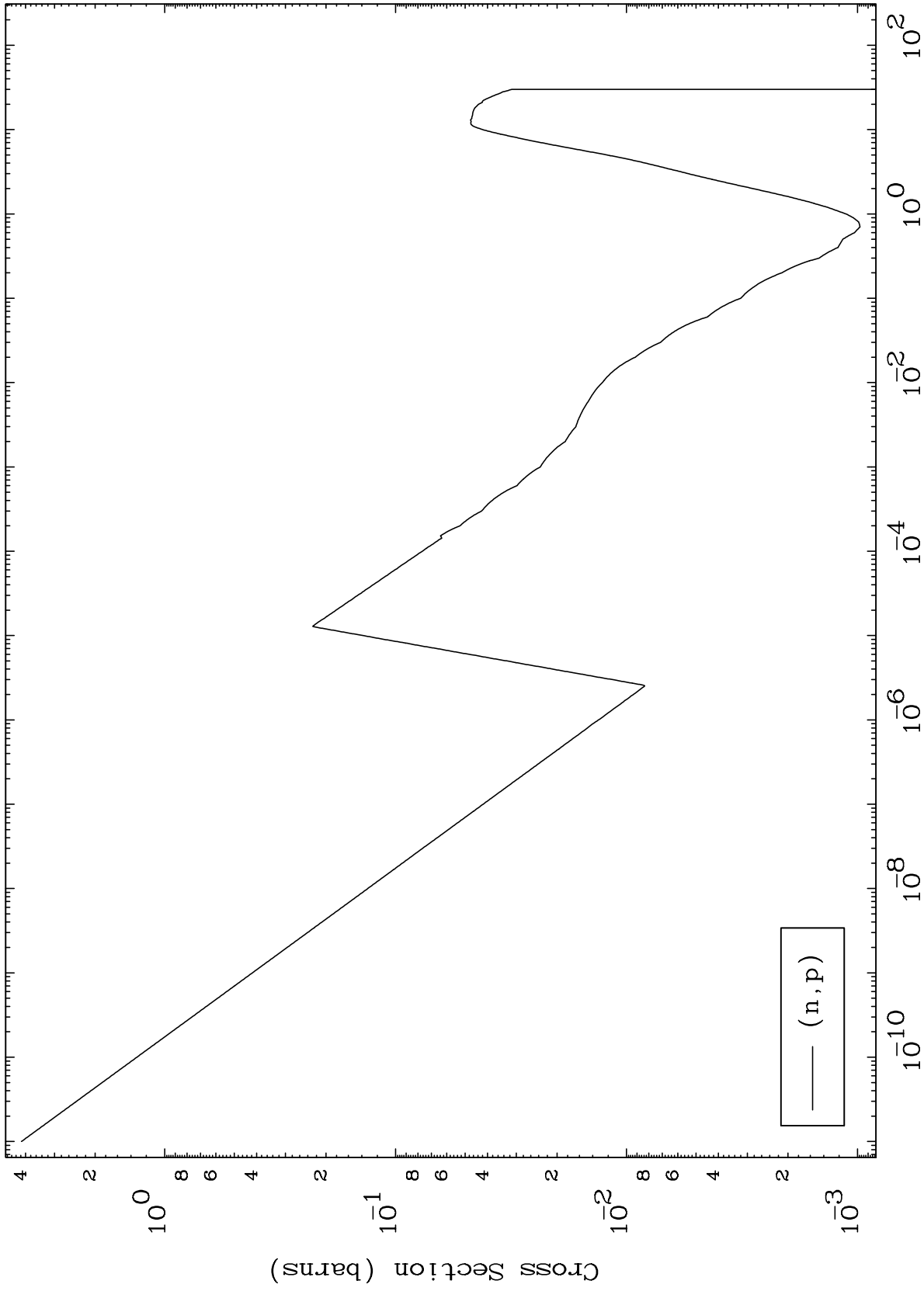
Incident Energy (MeV)

43-Tc-96

MAT 4317

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-96



10

Incident Energy (MeV)

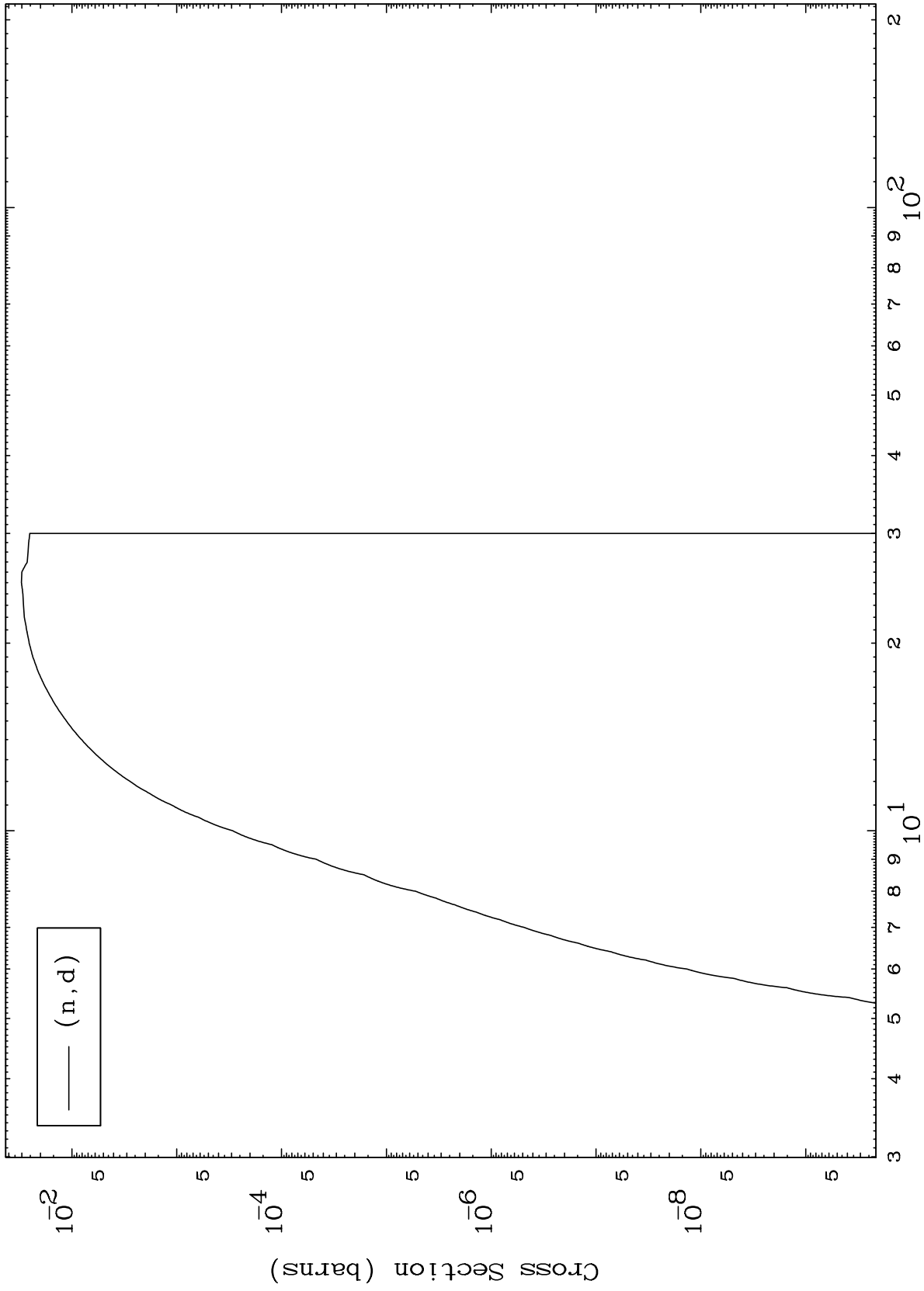
43-Tc-96

— (n, p)

MAT 4317

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-96



11

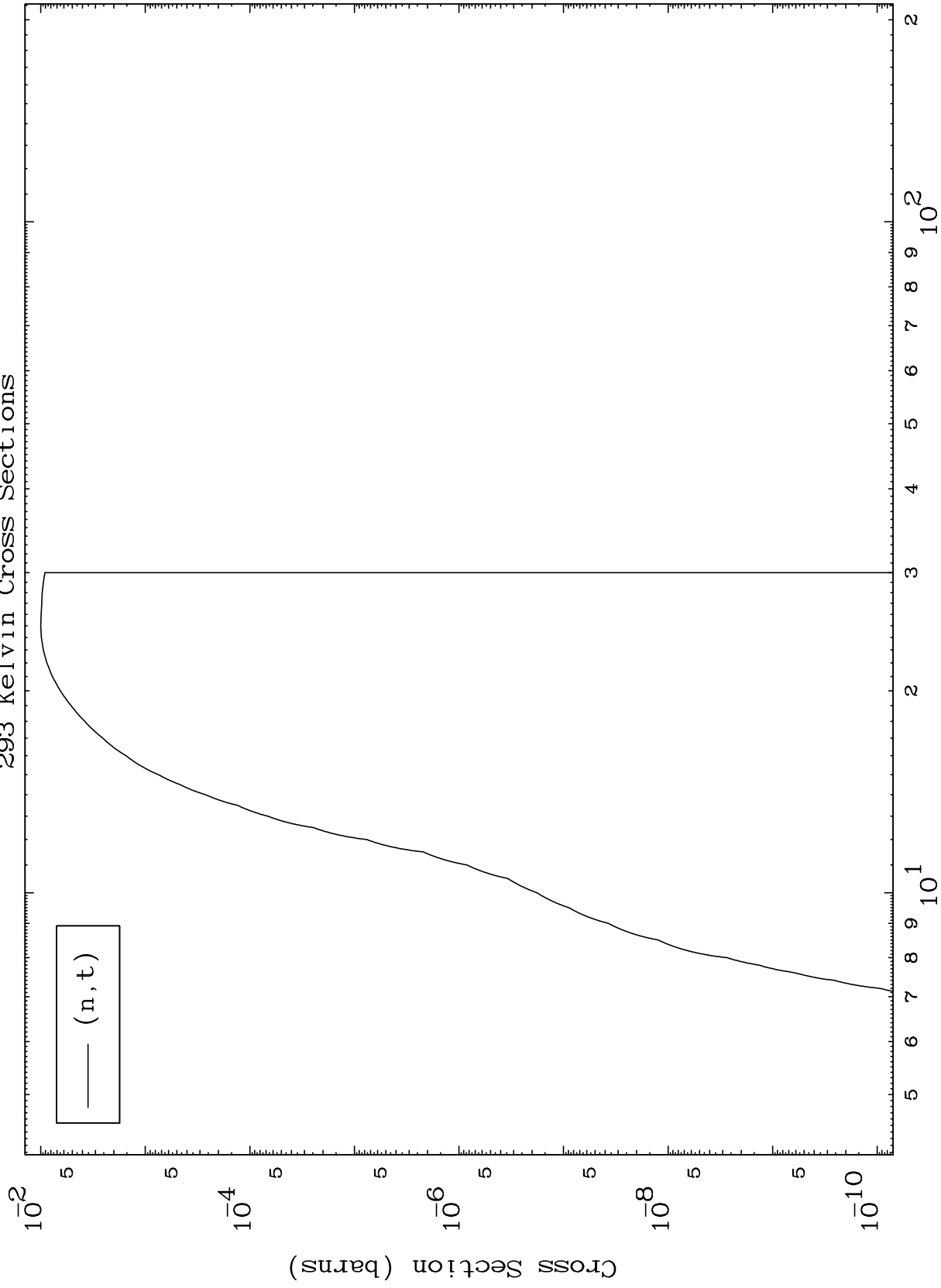
Incident Energy (MeV)

43-Tc-96

MAT 4317

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-96



12

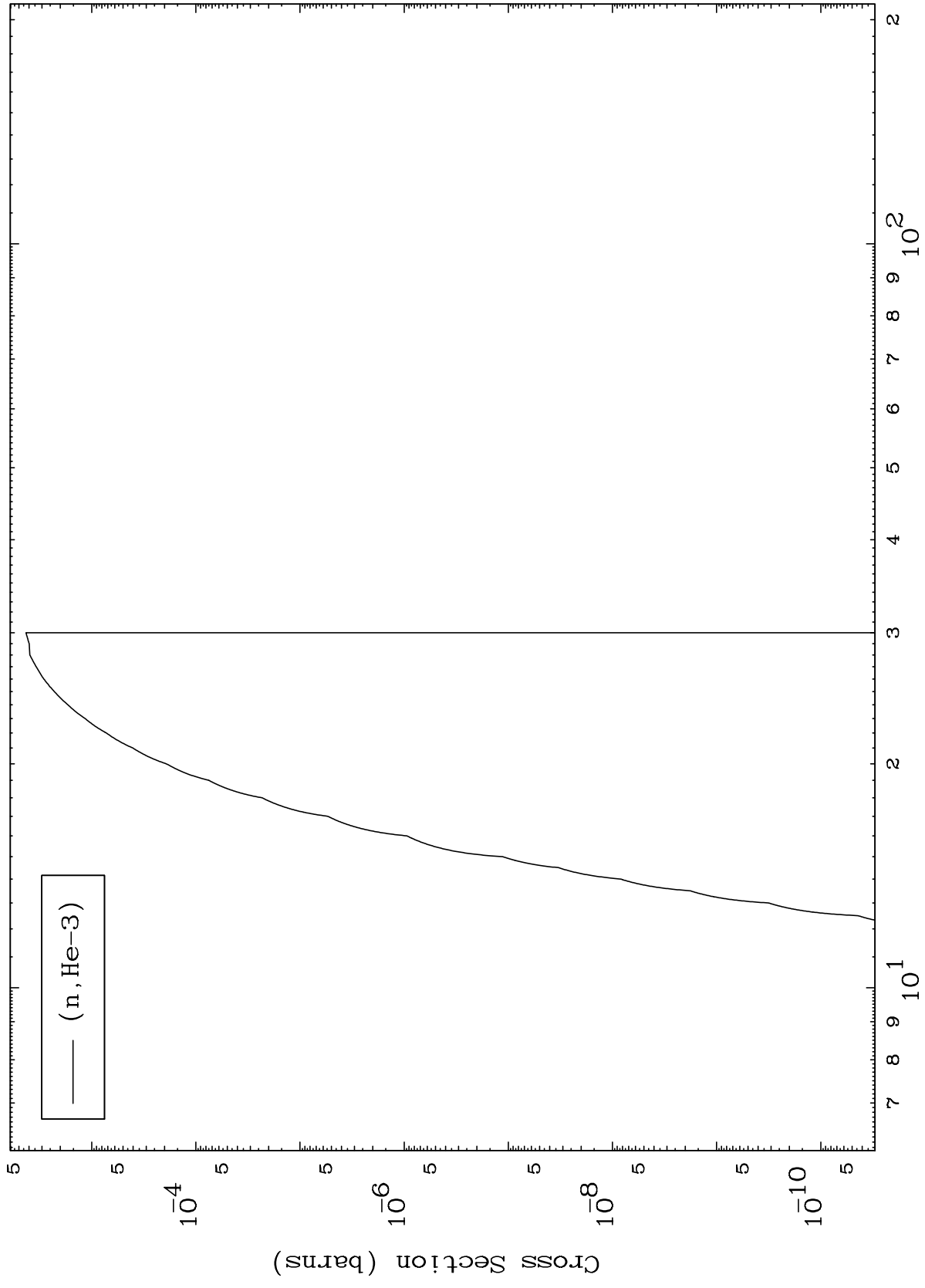
Incident Energy (MeV)

43-Tc-96

MAT 4317

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-96



13

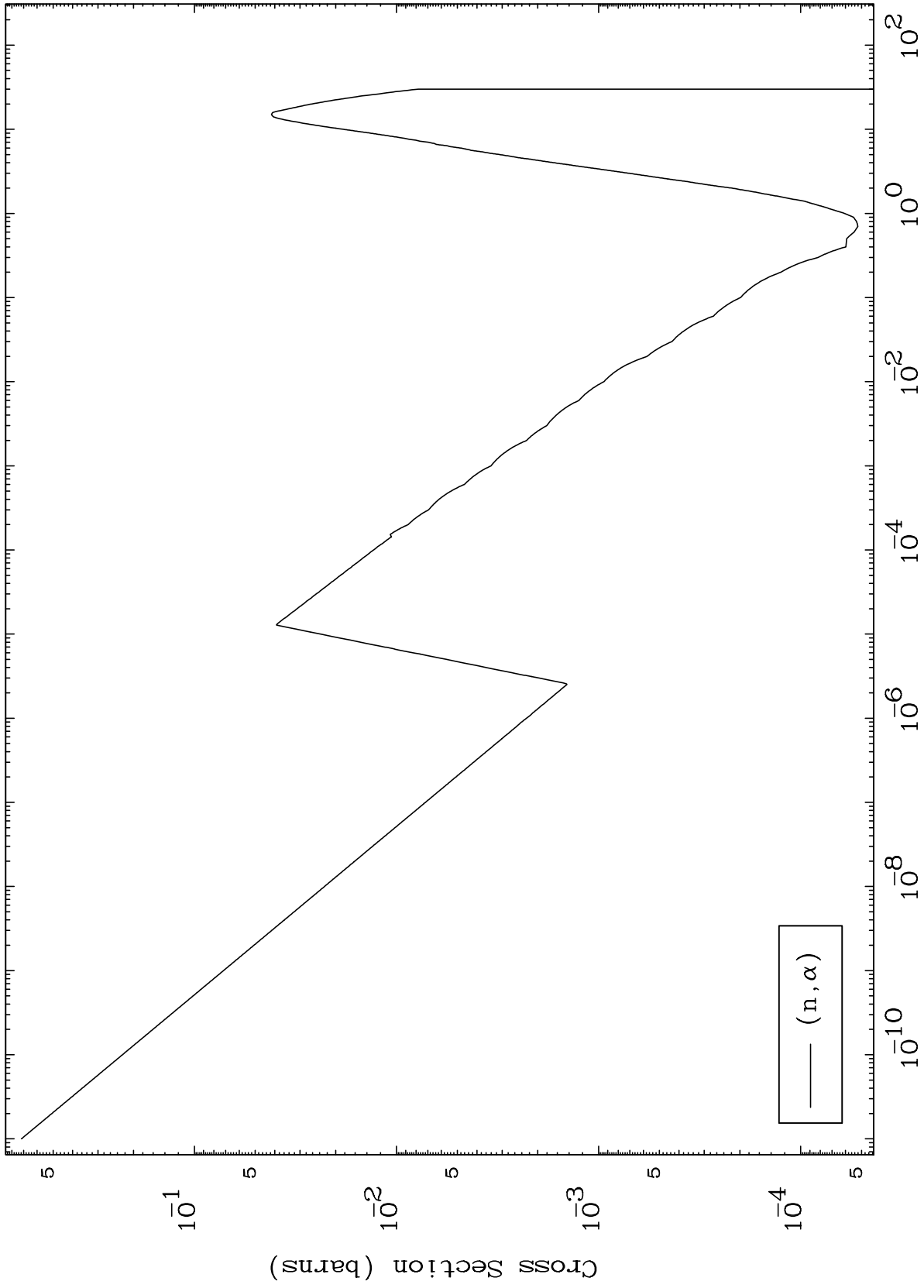
Incident Energy (MeV)

43-Tc-96

MAT 4317

(n, α) Levels
293 Kelvin Cross Sections

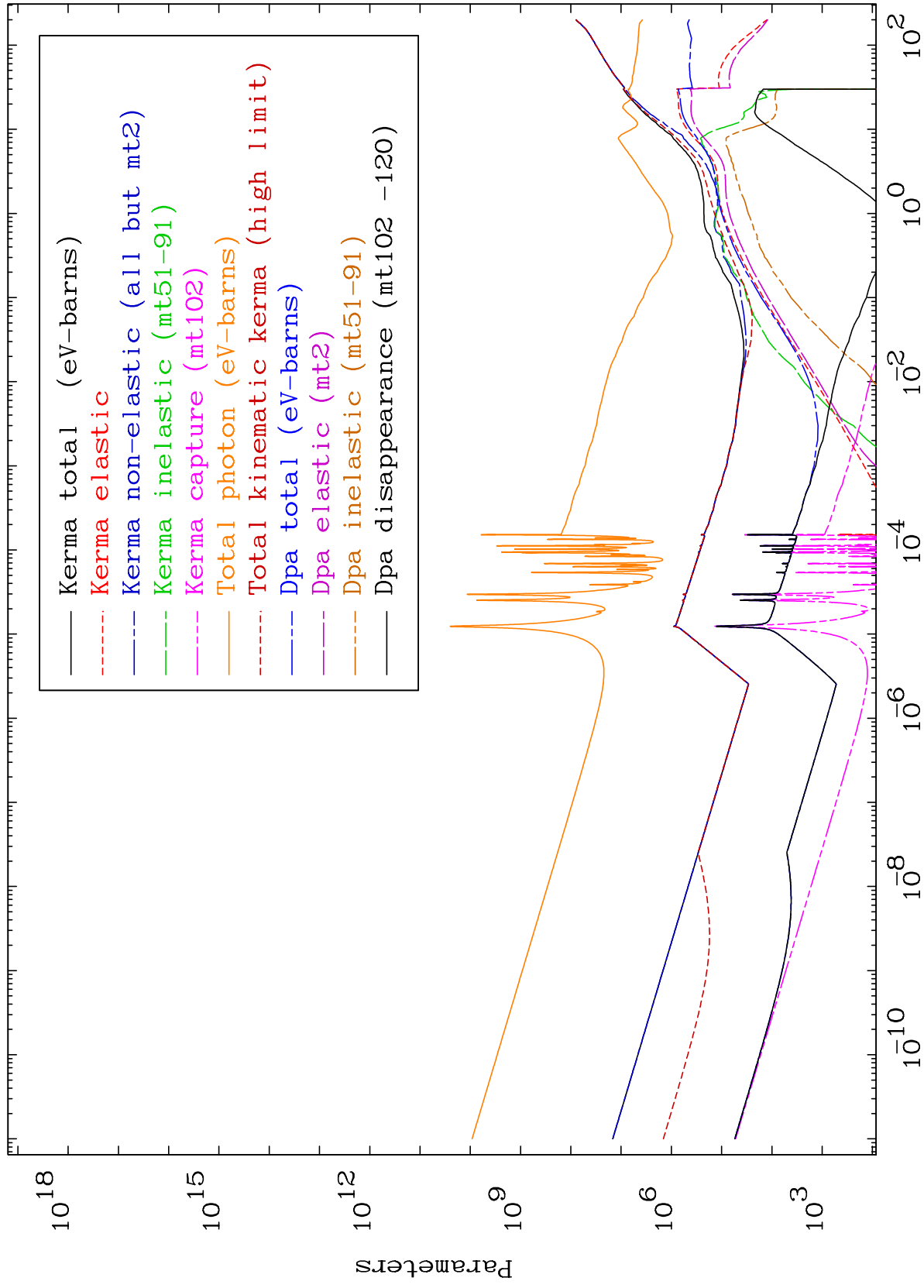
43-Tc-96



14

Incident Energy (MeV)

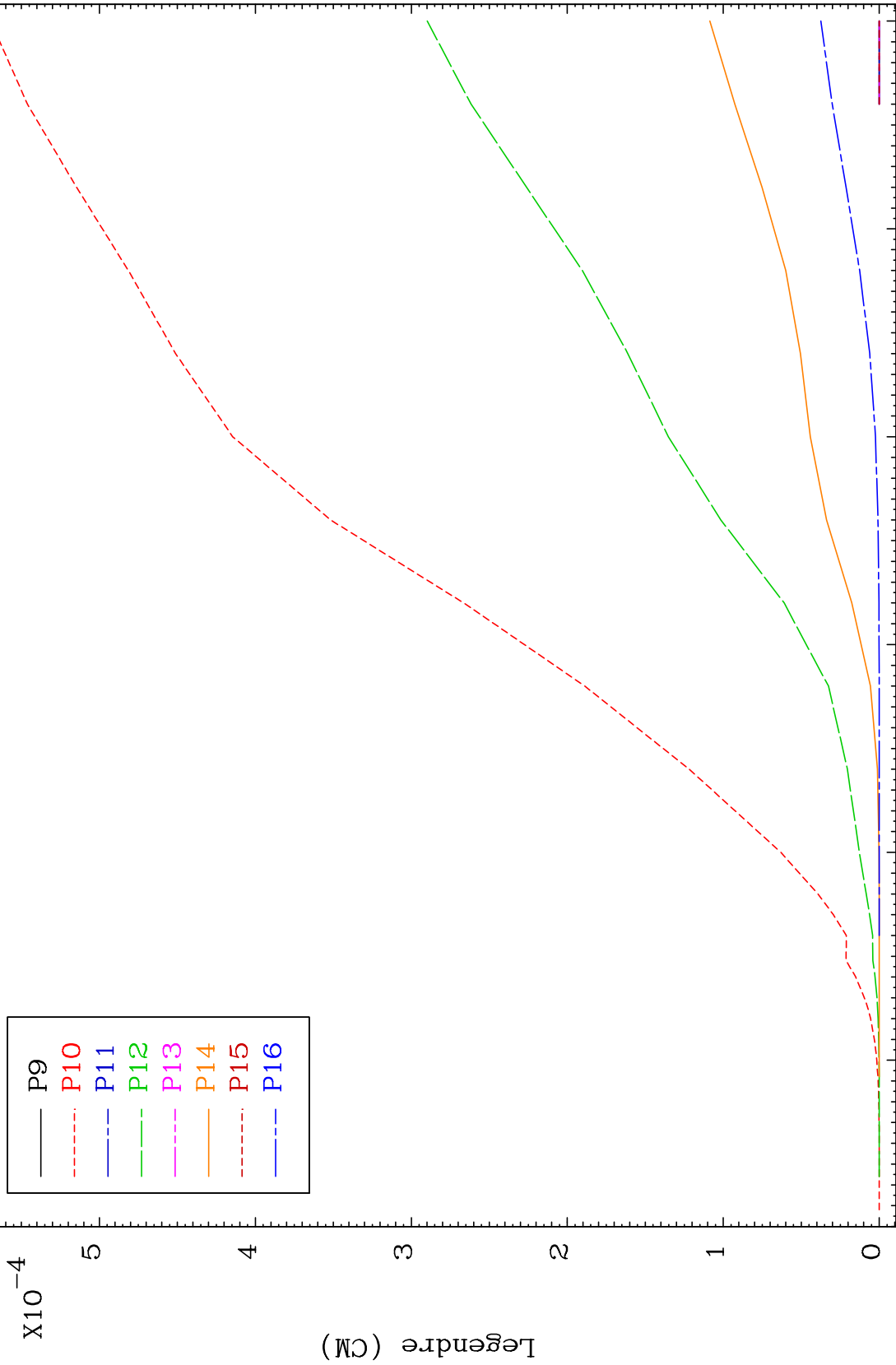
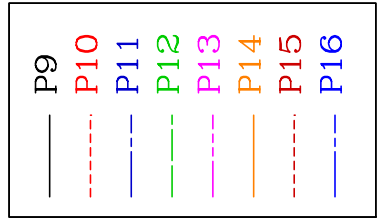
43-Tc-96



MAT 4317

Elastic Legendre Coefficients

43-Tc-96



17

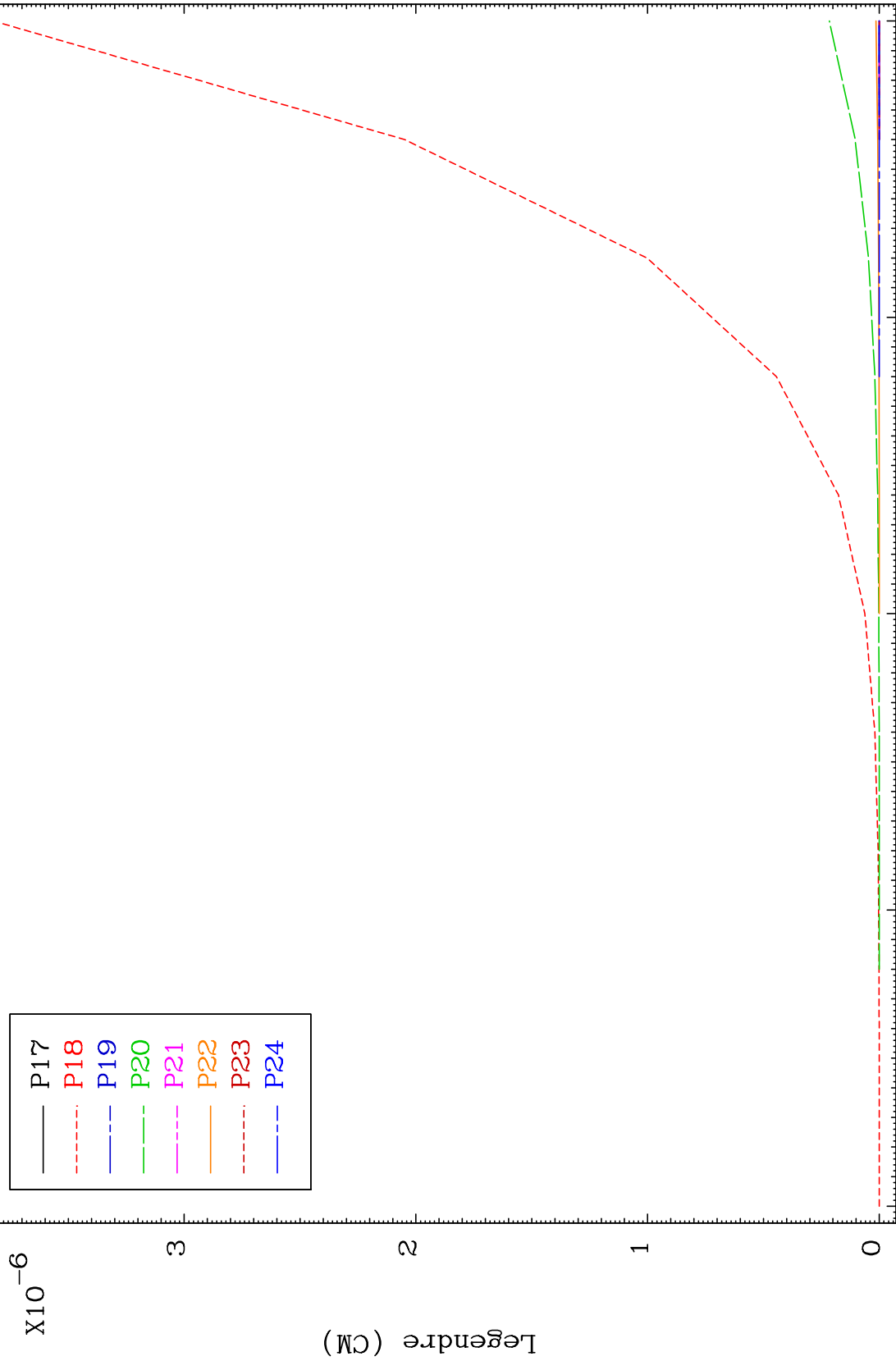
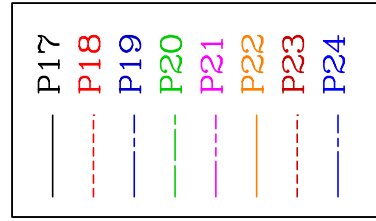
Incident Energy (MeV)

43-Tc-96

MAT 4317

Elastic Legendre Coefficients

43-Tc-96



18

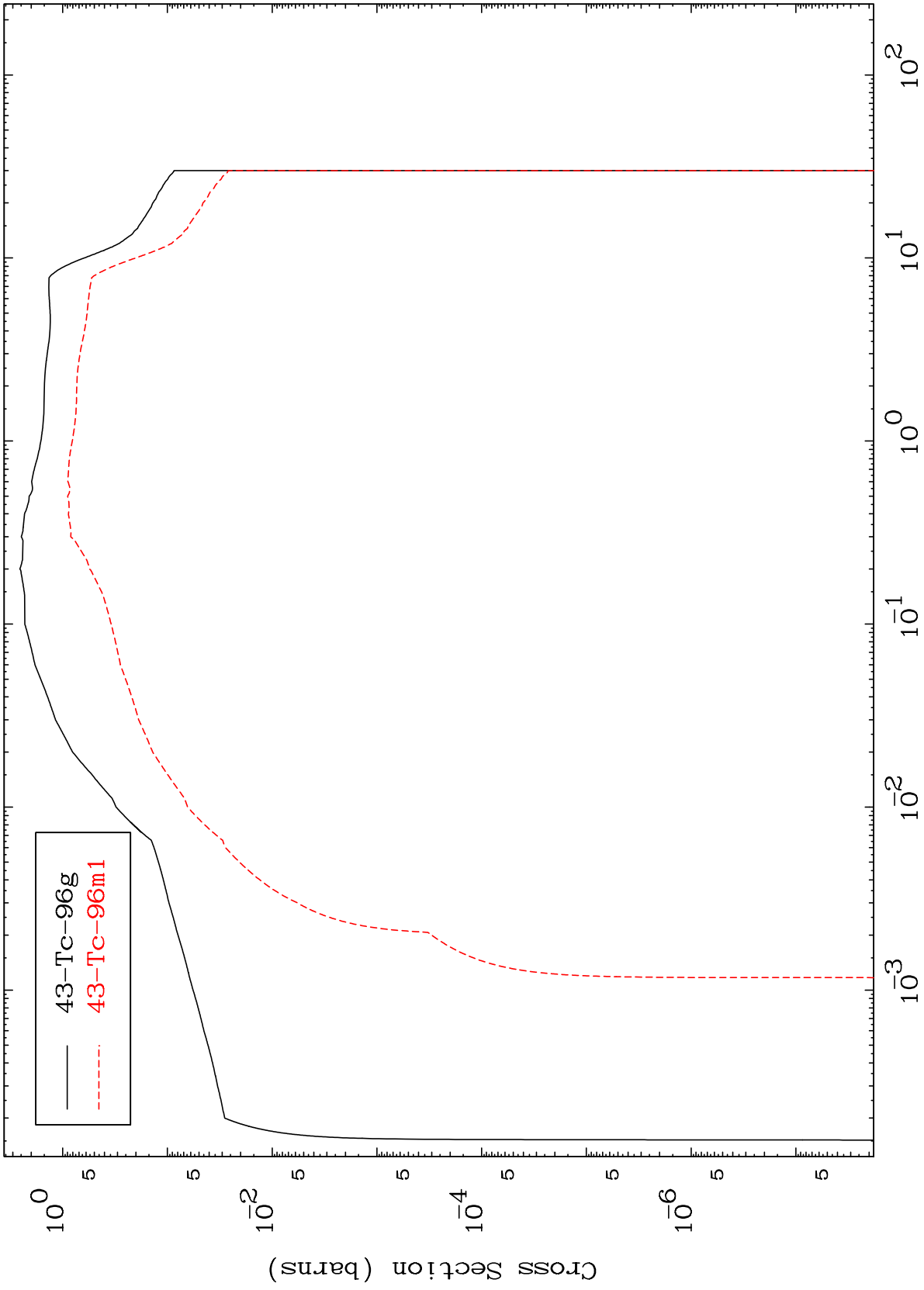
Incident Energy (MeV)

43-Tc-96

MAT 4317

43-Tc-96

Inelastic Radionuclide Production Cross Section



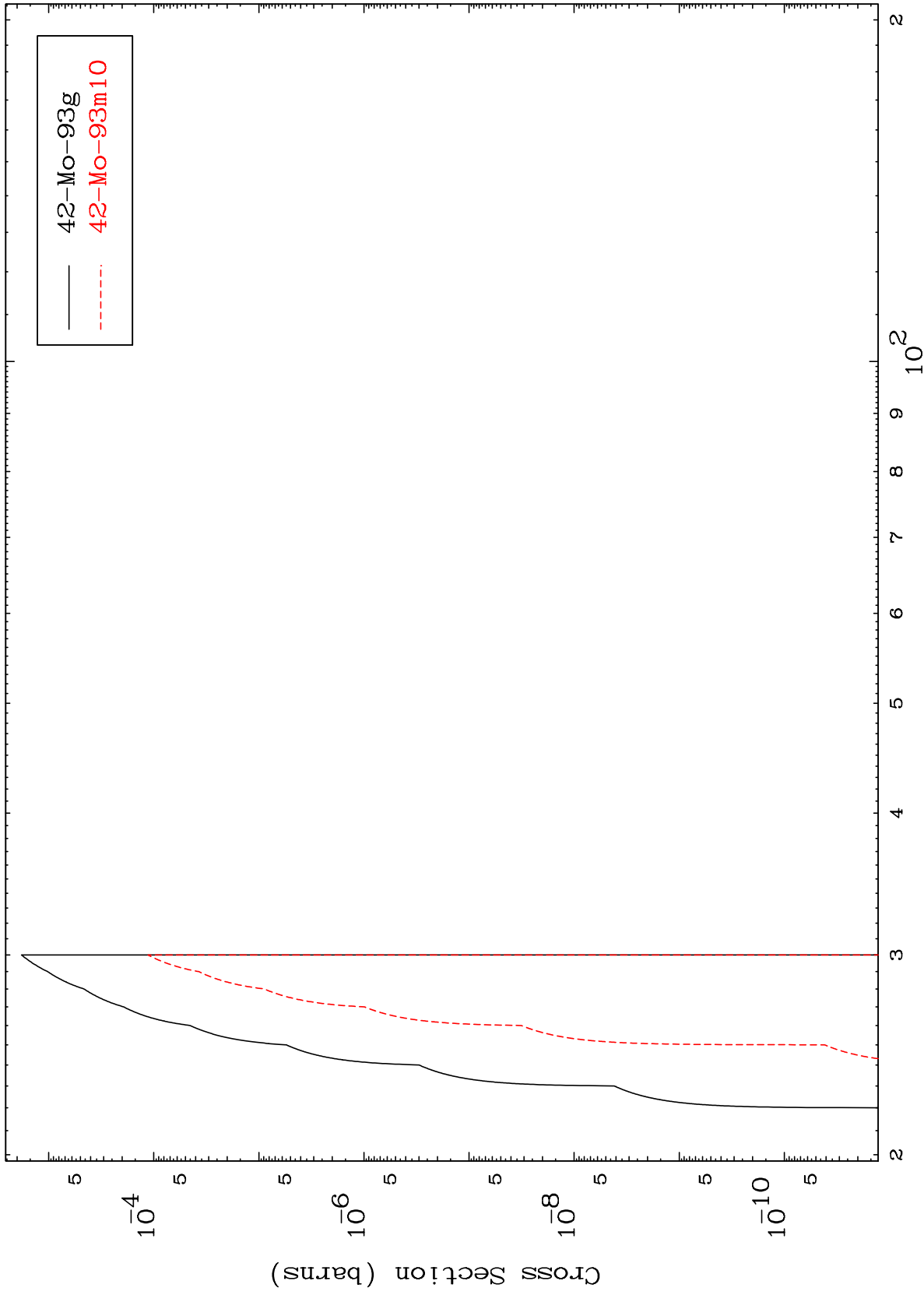
— 43-Tc-96g
- - - 43-Tc-96m1

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(n,2n) d

43-Tc-96

Radionuclide Production Cross Section



20

Incident Energy (MeV)

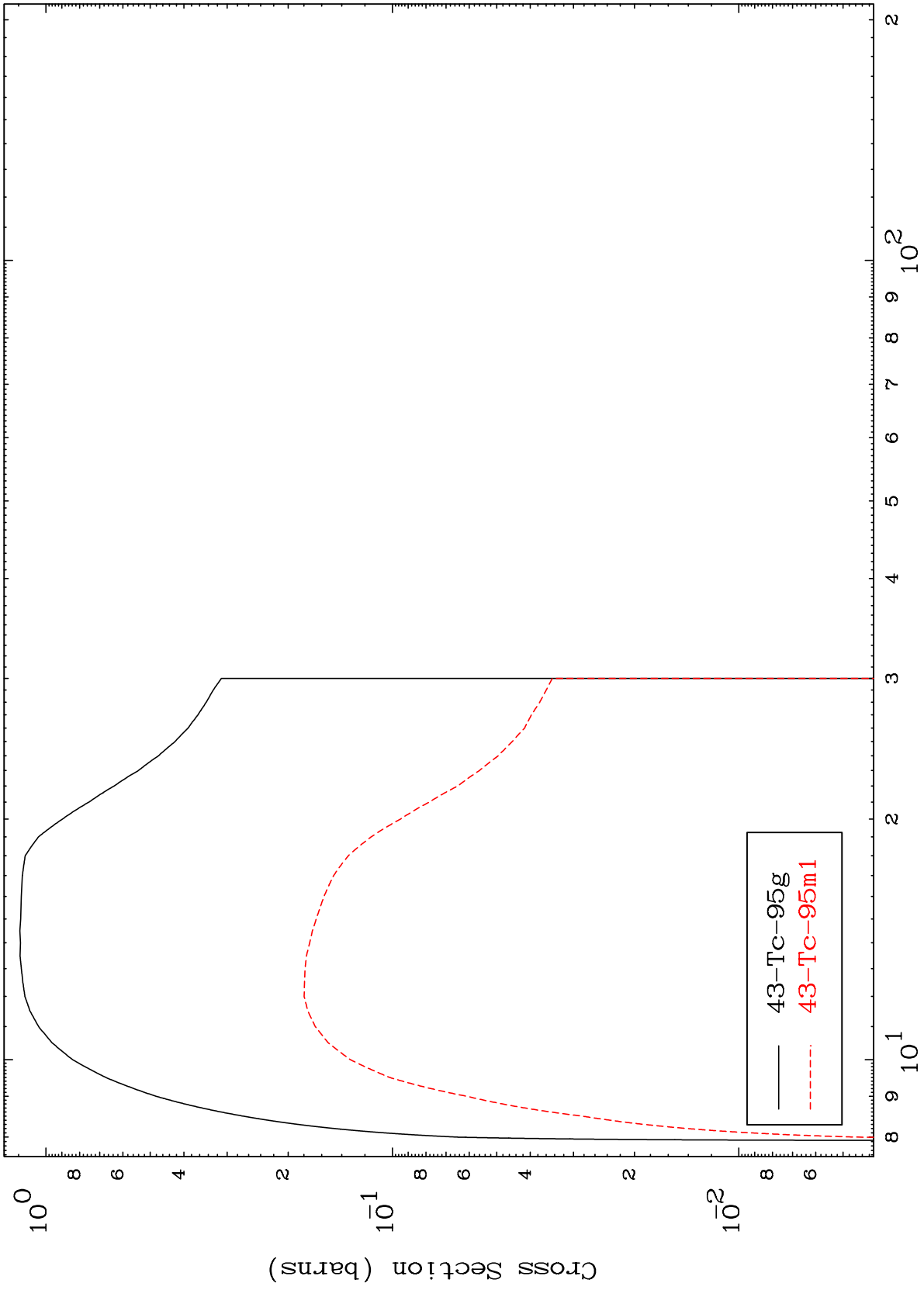
43-Tc-96

MAT 4317

43-Tc-96

Radionuclide Production Cross Section

(n,2n)



21

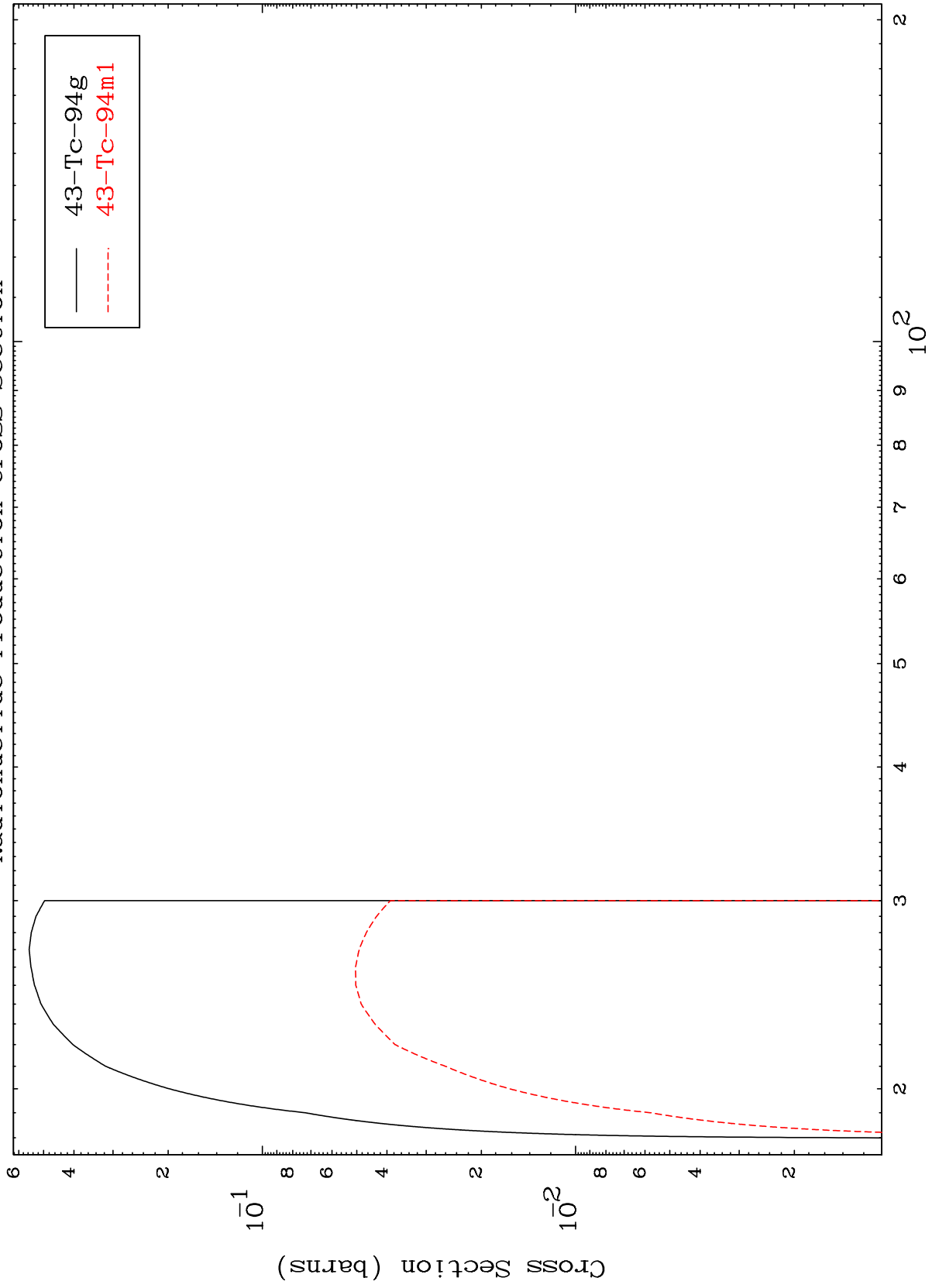
Incident Energy (MeV)

43-Tc-96

MAT 4317

43-Tc-96

(n,3n)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

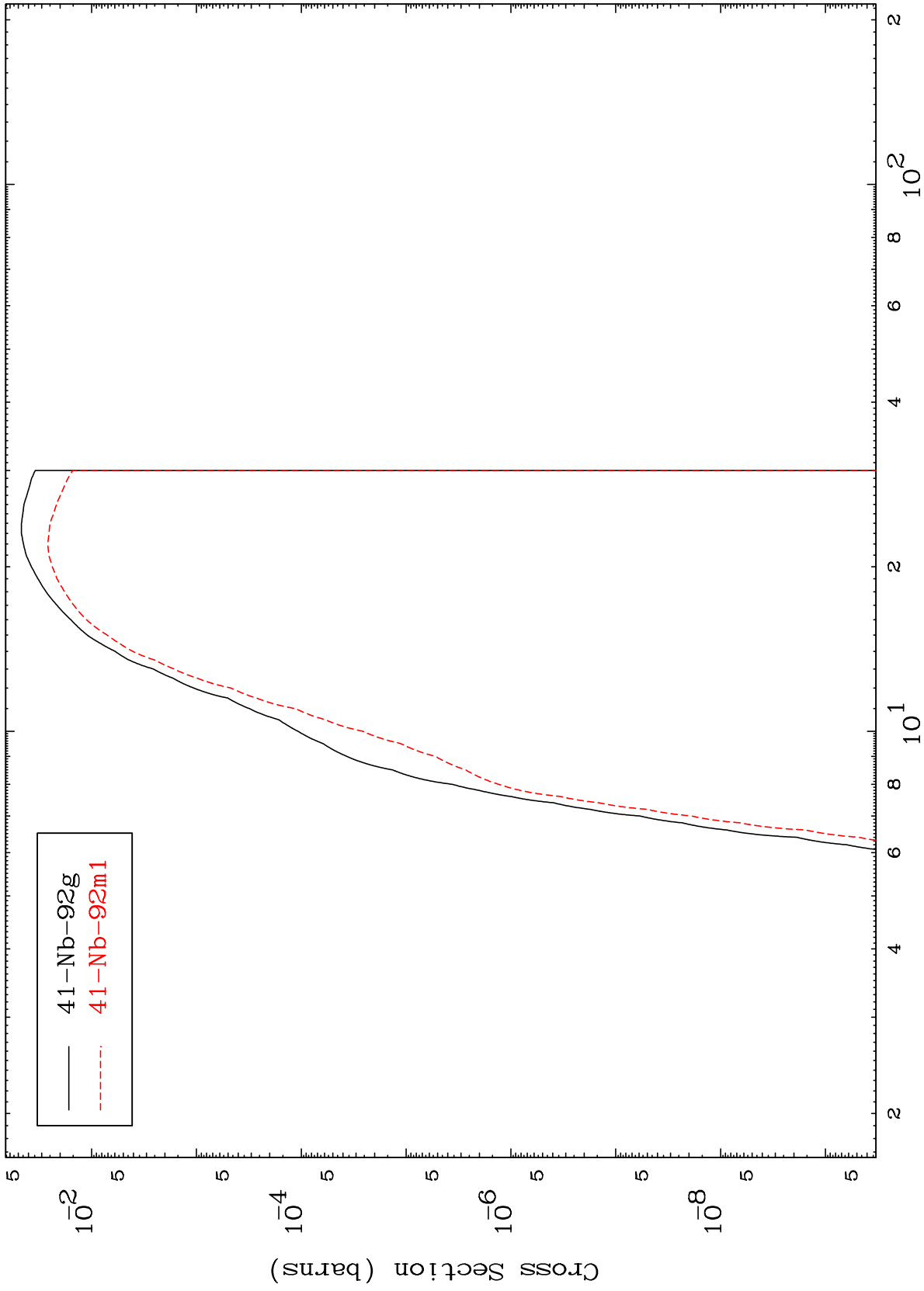
43-Tc-96

MAT 4317

(n,n') α

43-Tc-96

Radionuclide Production Cross Section



23

Incident Energy (MeV)

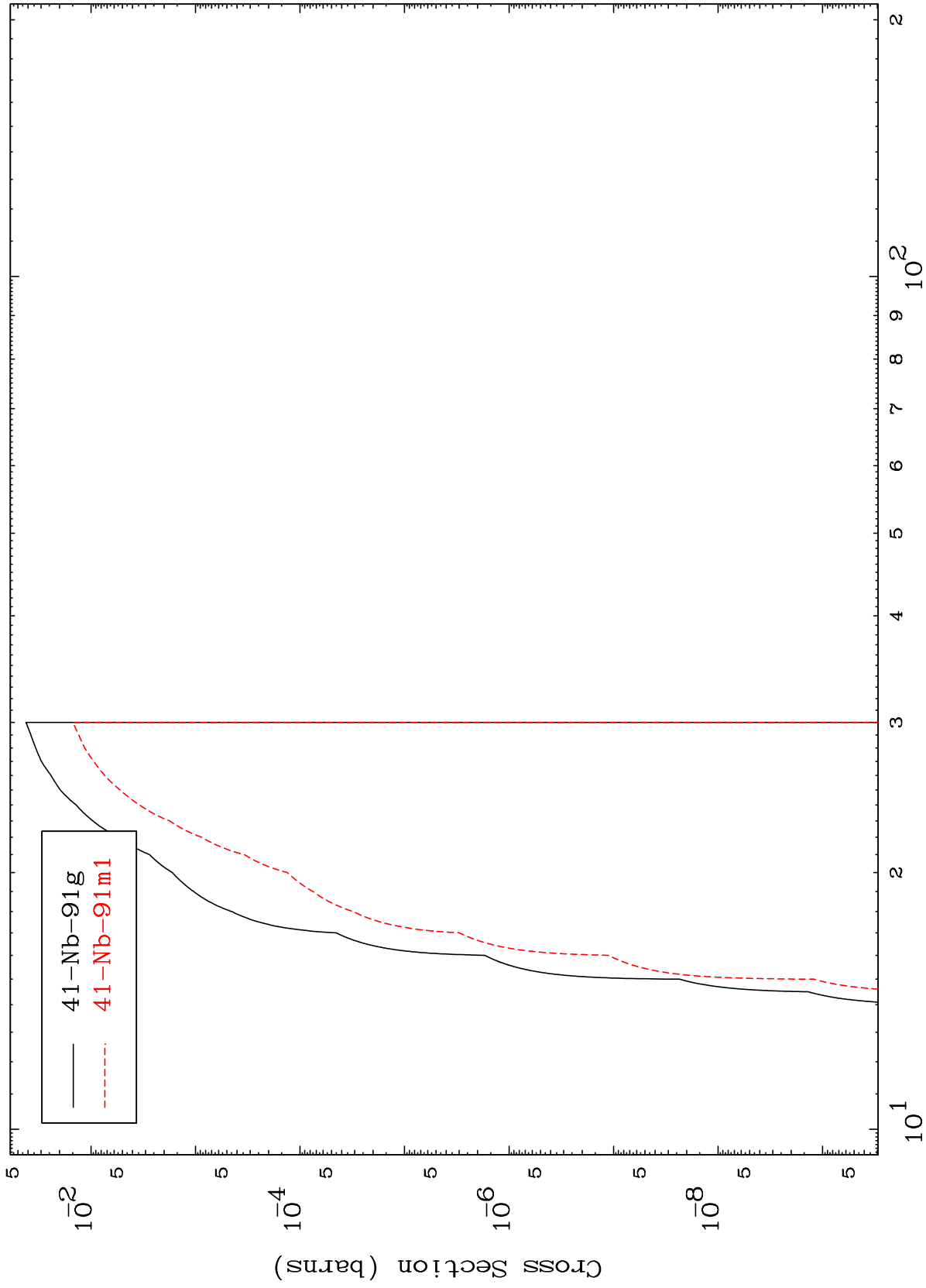
43-Tc-96

MAT 4317

(n,2n) α

43-Tc-96

Radionuclide Production Cross Section

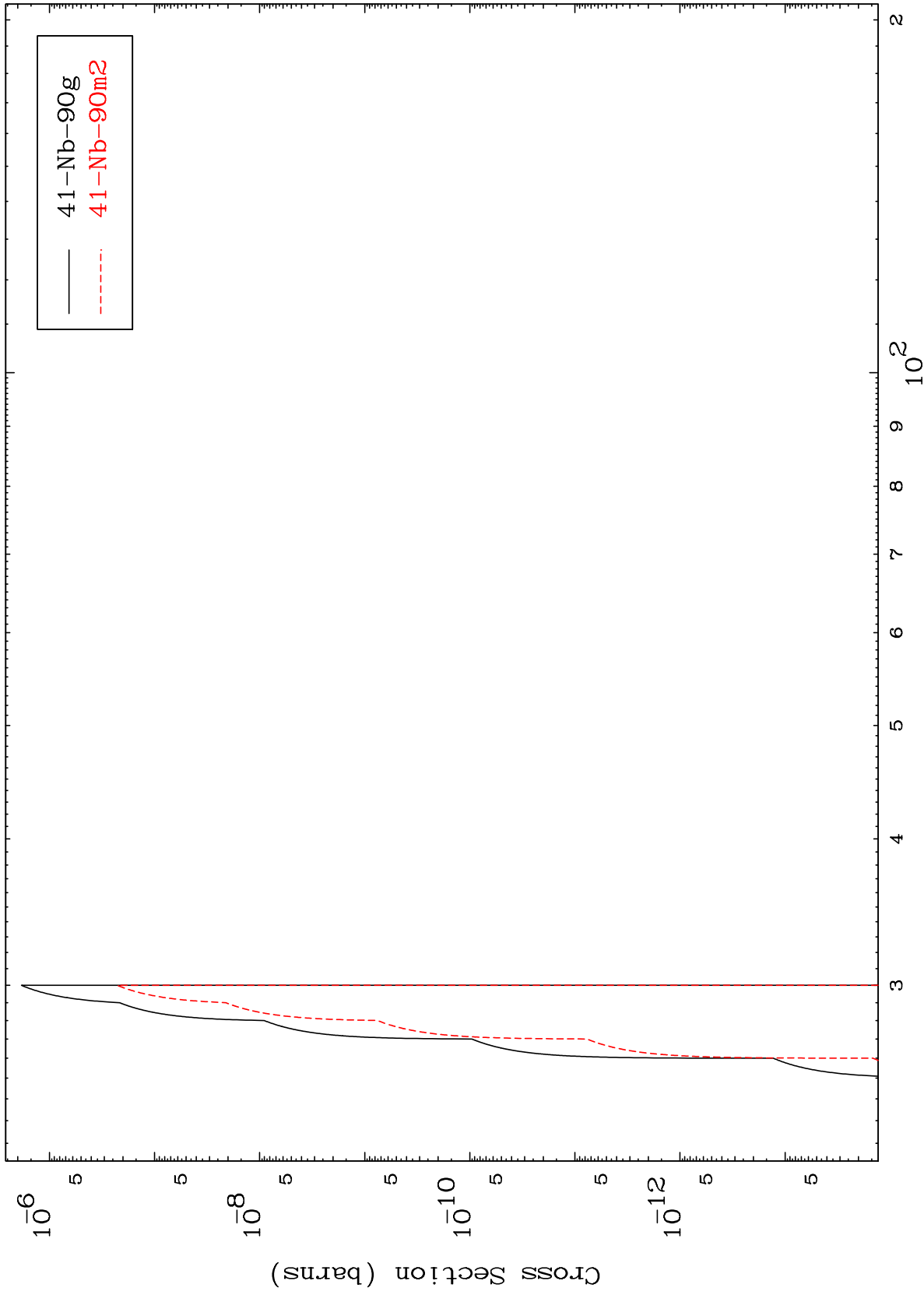


MAT 4317

(n,3n) α

43-Tc-96

Radionuclide Production Cross Section



25

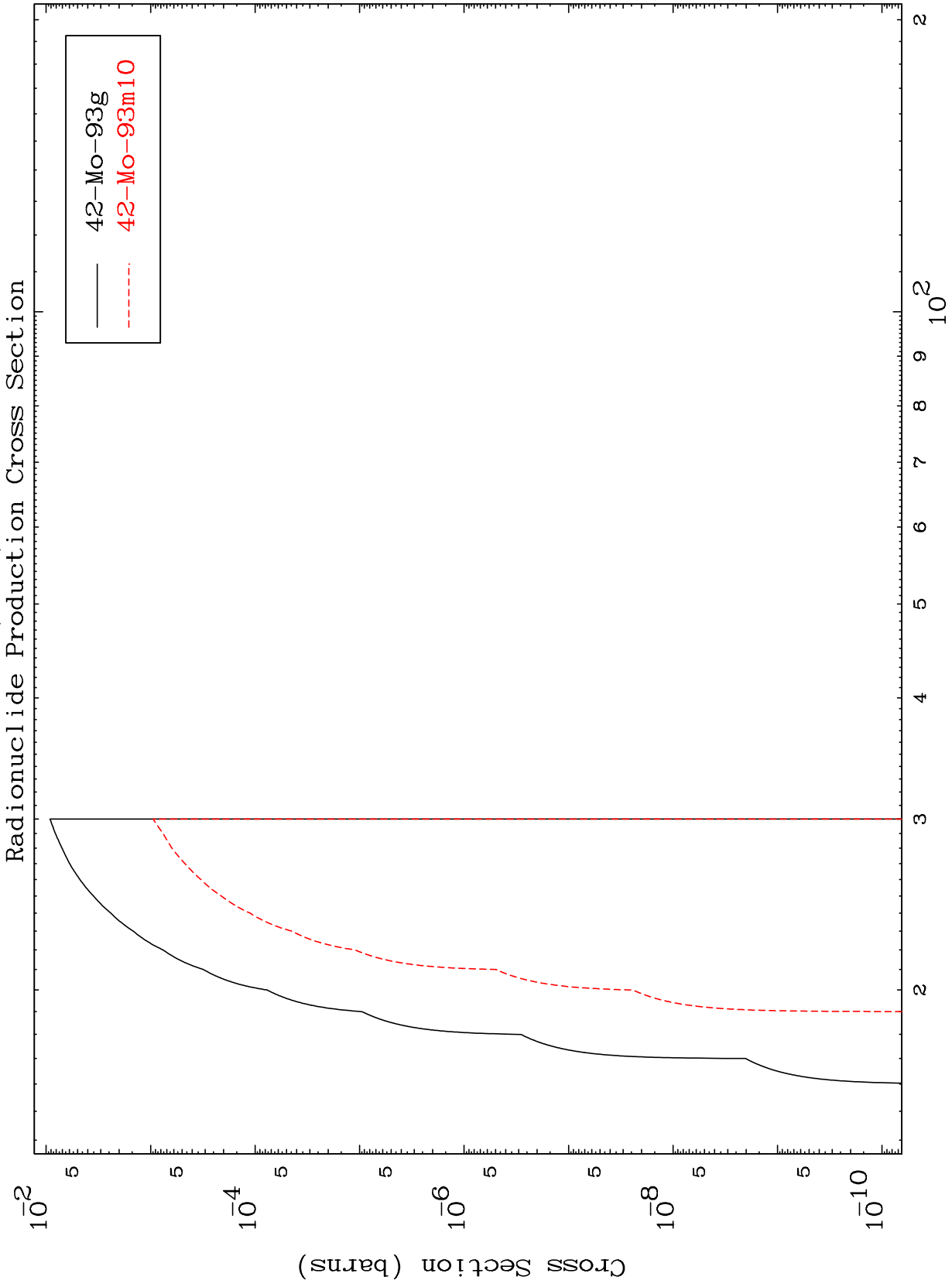
Incident Energy (MeV)

43-Tc-96

MAT 4317

(n,n') t

43-Tc-96



26

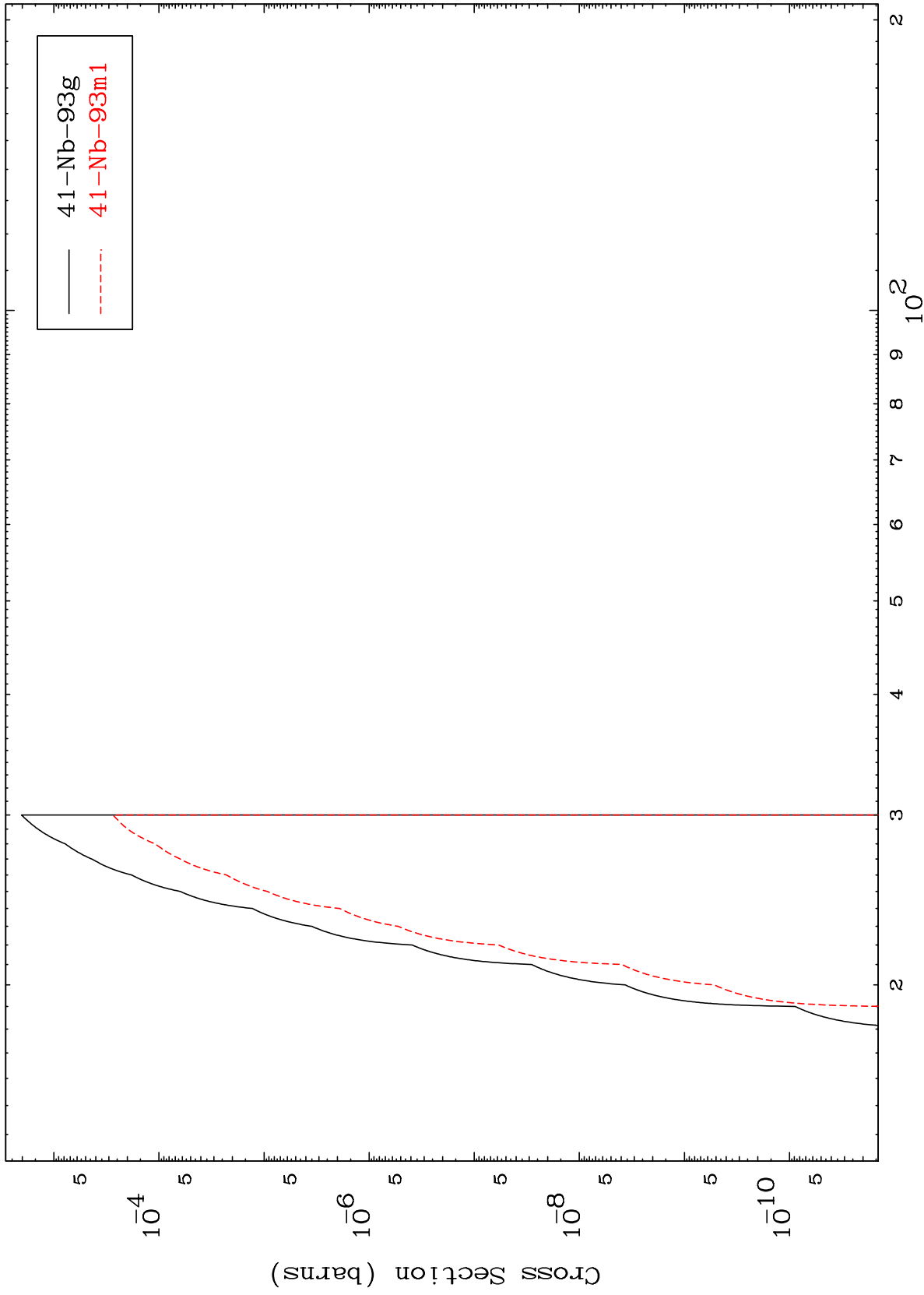
43-Tc-96

MAT 4317

(n, n') He-3

43-Tc-96

Radionuclide Production Cross Section



27

Incident Energy (MeV)

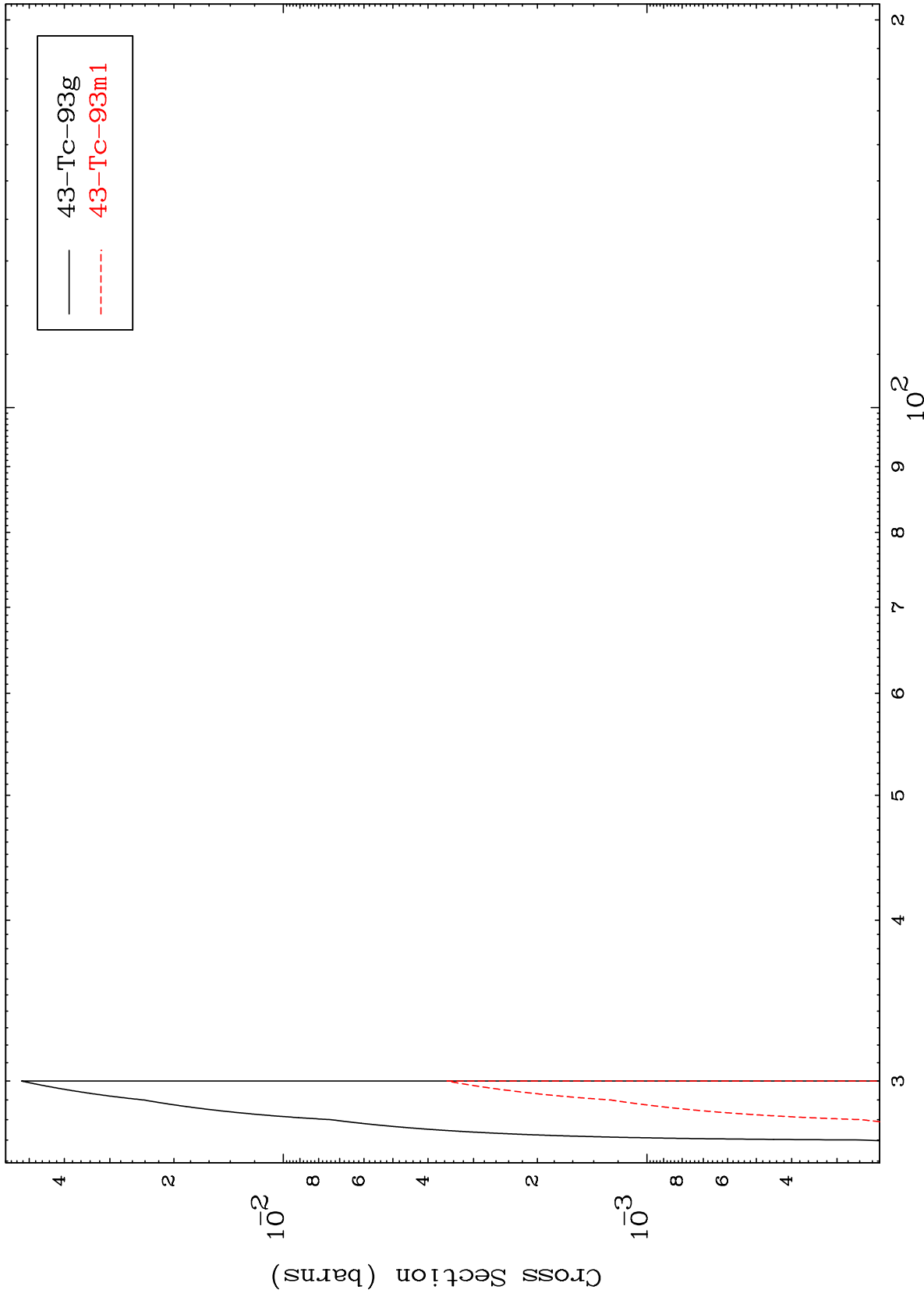
43-Tc-96

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(n,4n)

43-Tc-96

Radionuclide Production Cross Section



28

Incident Energy (MeV)

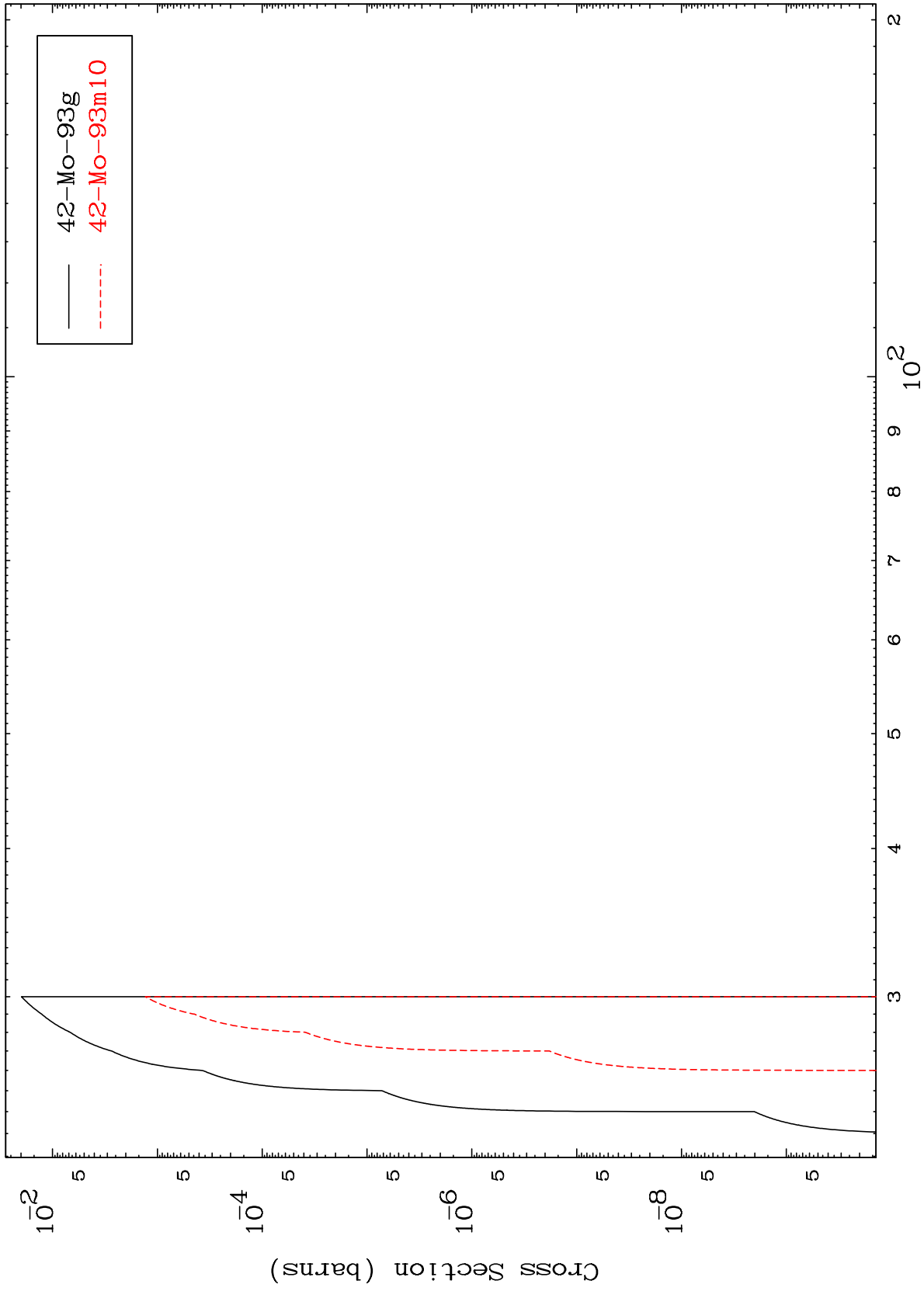
43-Tc-96

MAT 4317

(n,3n) p

43-Tc-96

Radionuclide Production Cross Section



29

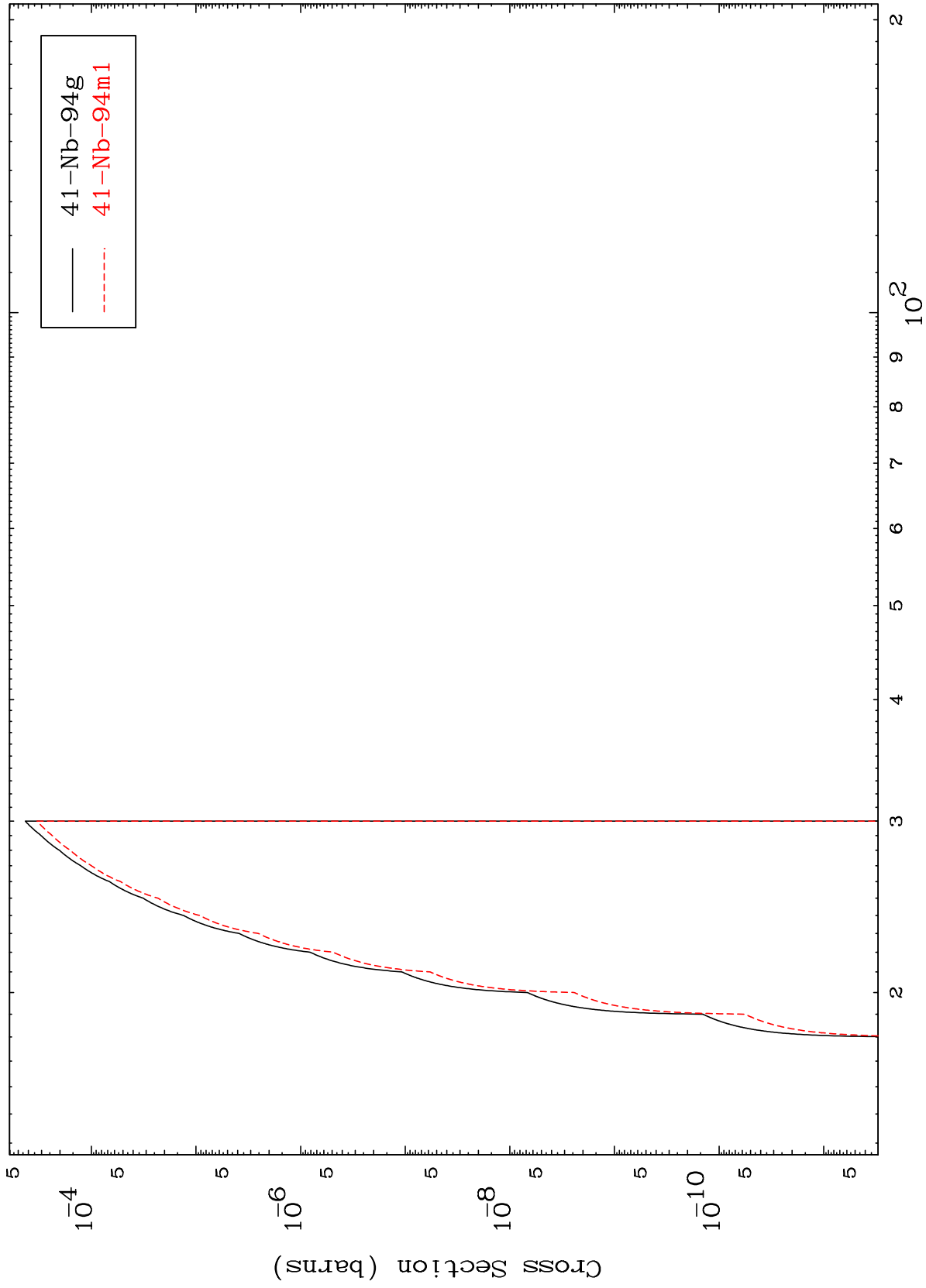
Incident Energy (MeV)

43-Tc-96

MAT 4317

43-Tc-96

(n,2n) p
Radionuclide Production Cross Section



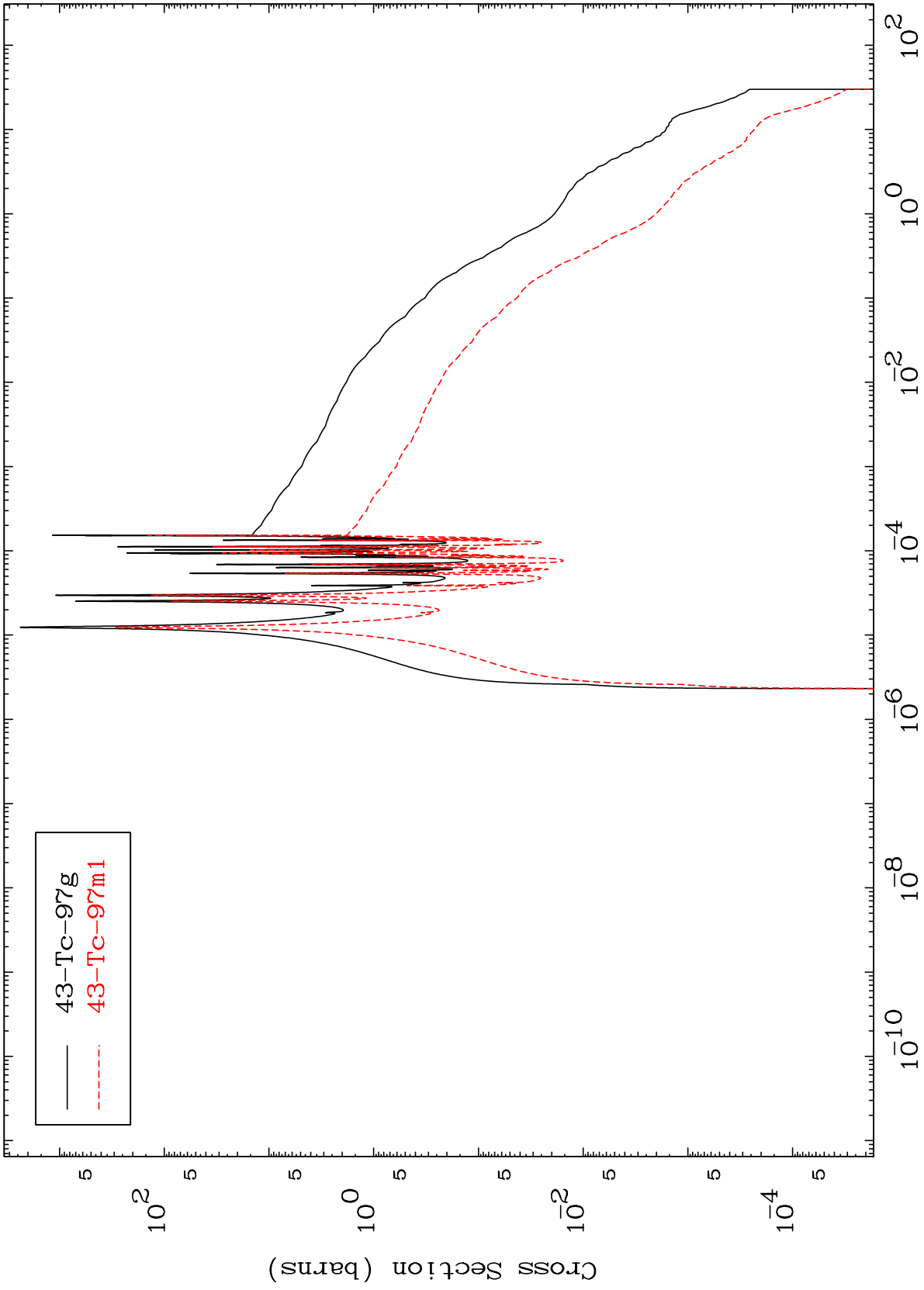
30

43-Tc-96

MAT 4317

43-Tc-96

Radionuclide Production Cross Section (n,γ)

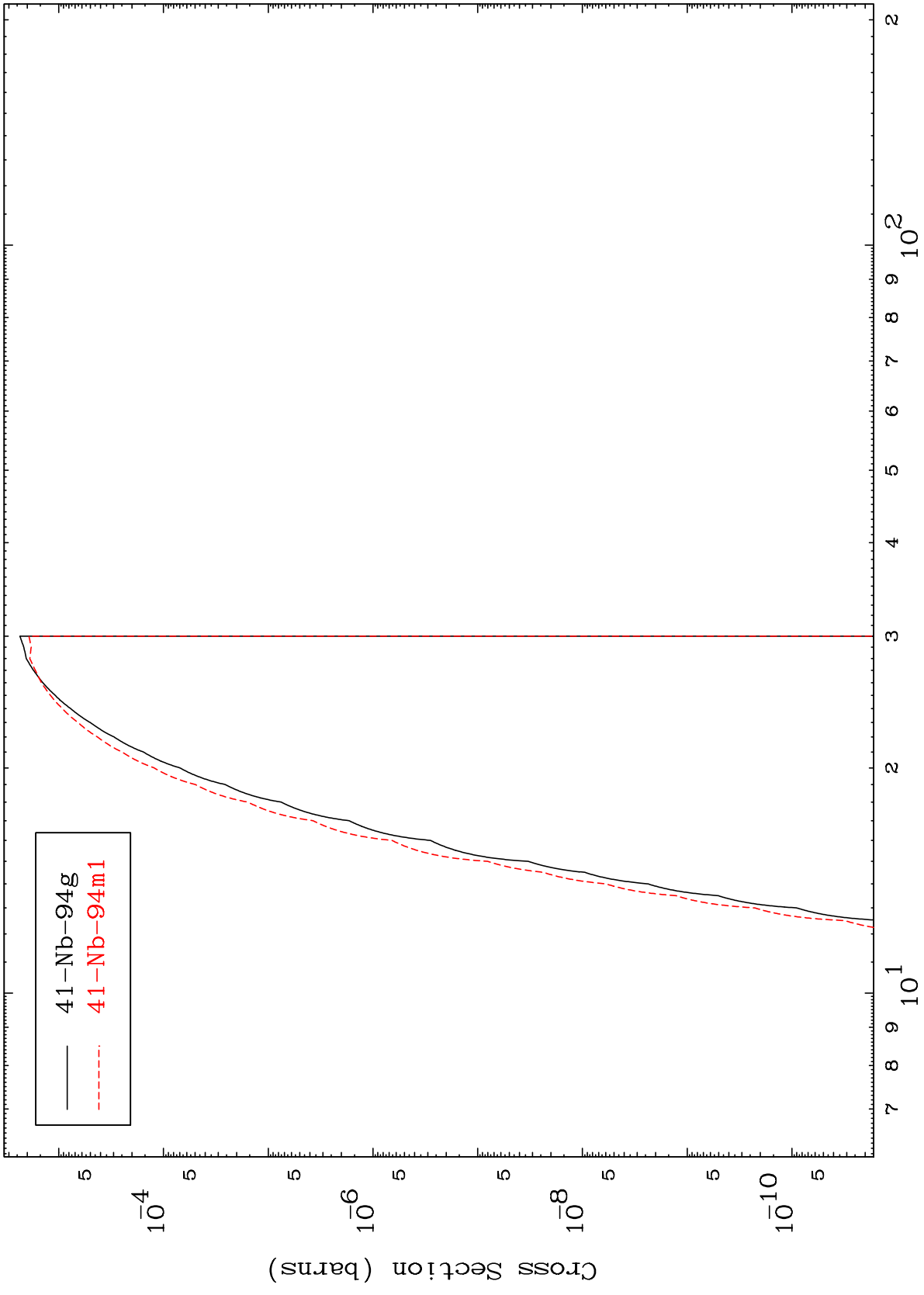


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(n,He-3)

43-Tc-96

Radionuclide Production Cross Section



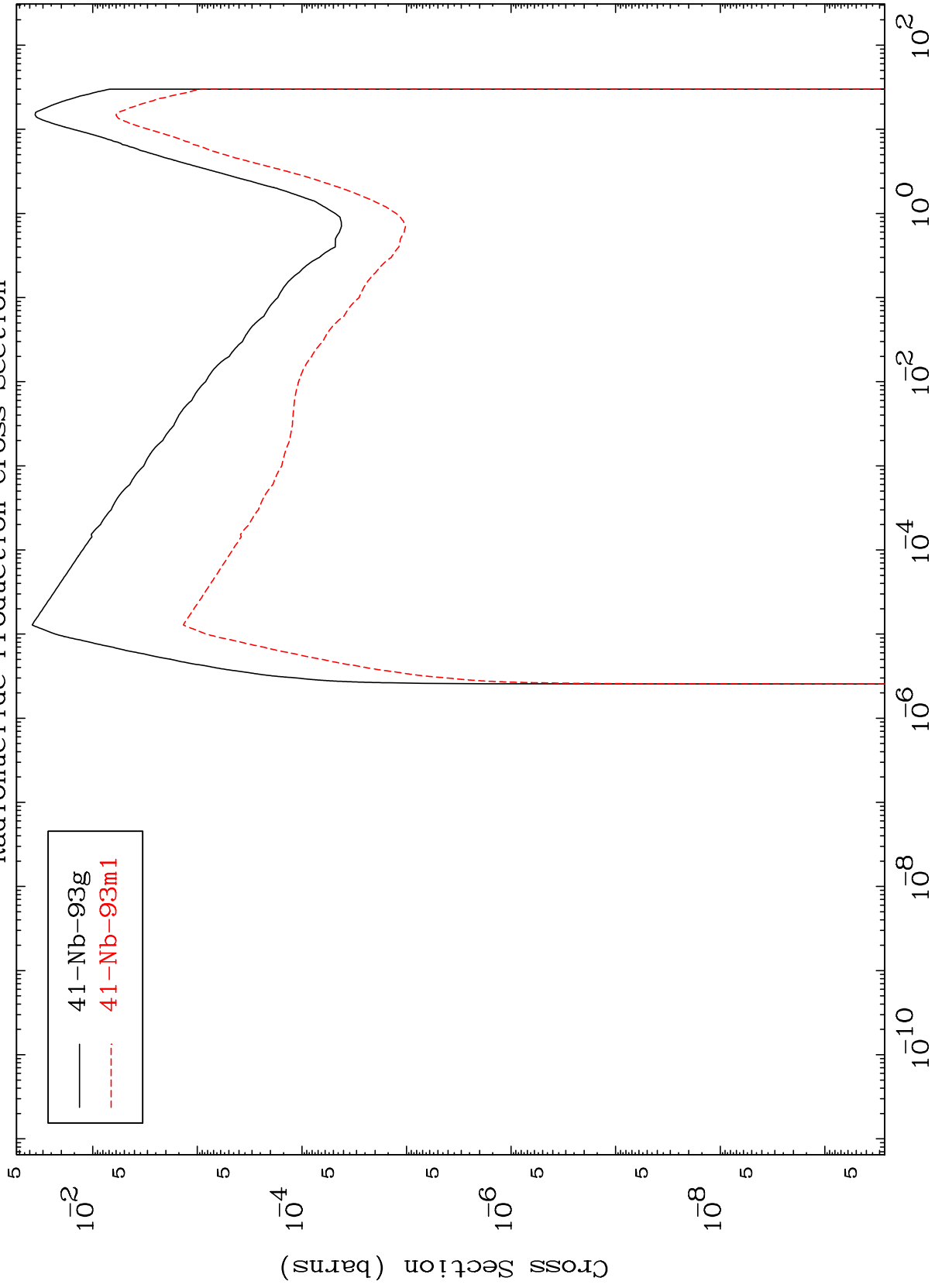
32

43-Tc-96

MAT 4317

43-Tc-96

Radionuclide Production Cross Section
(n, α)



33

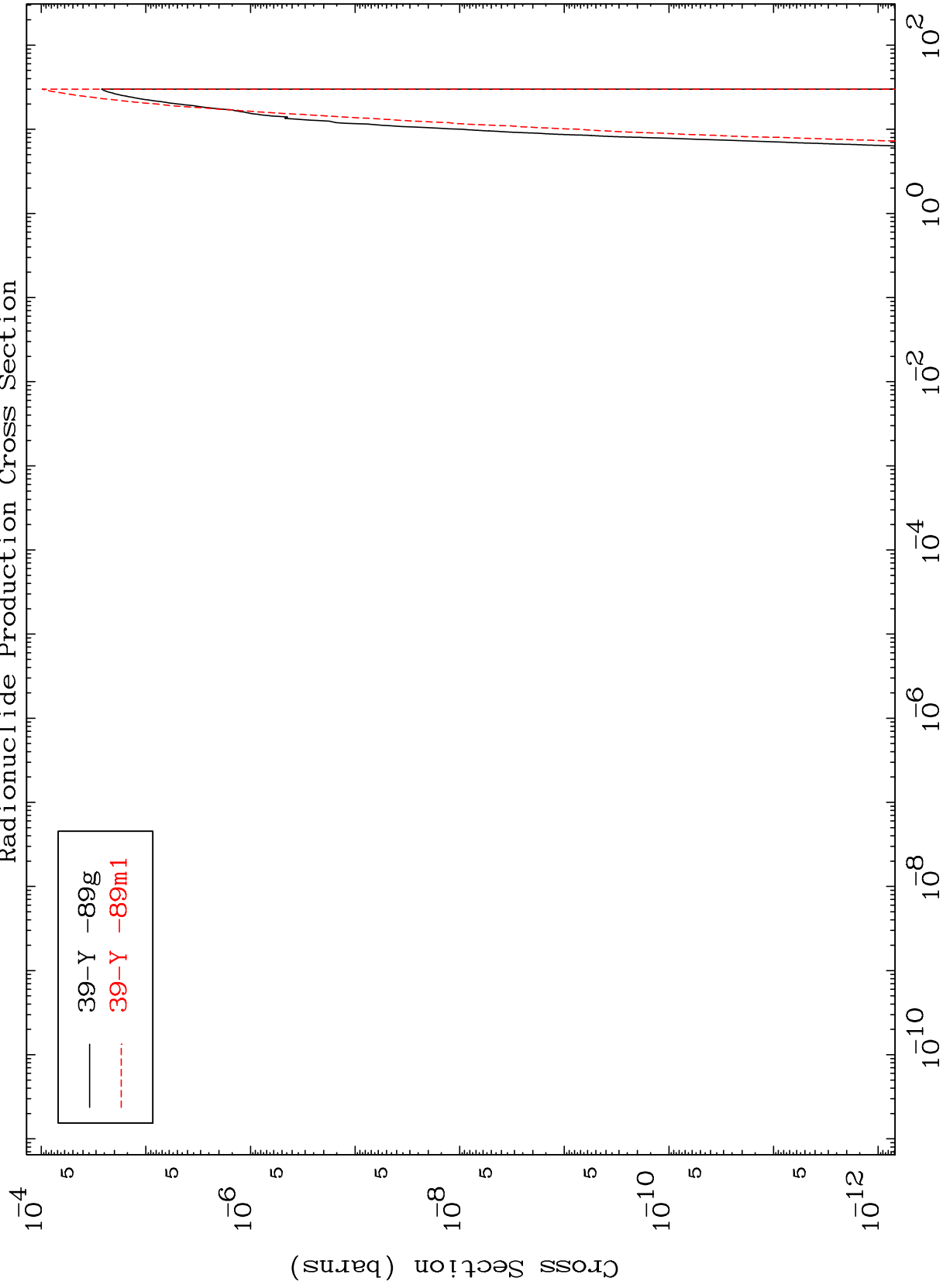
43-Tc-96

MAT 4317

(n,2α)

43-Tc-96

Radionuclide Production Cross Section



34

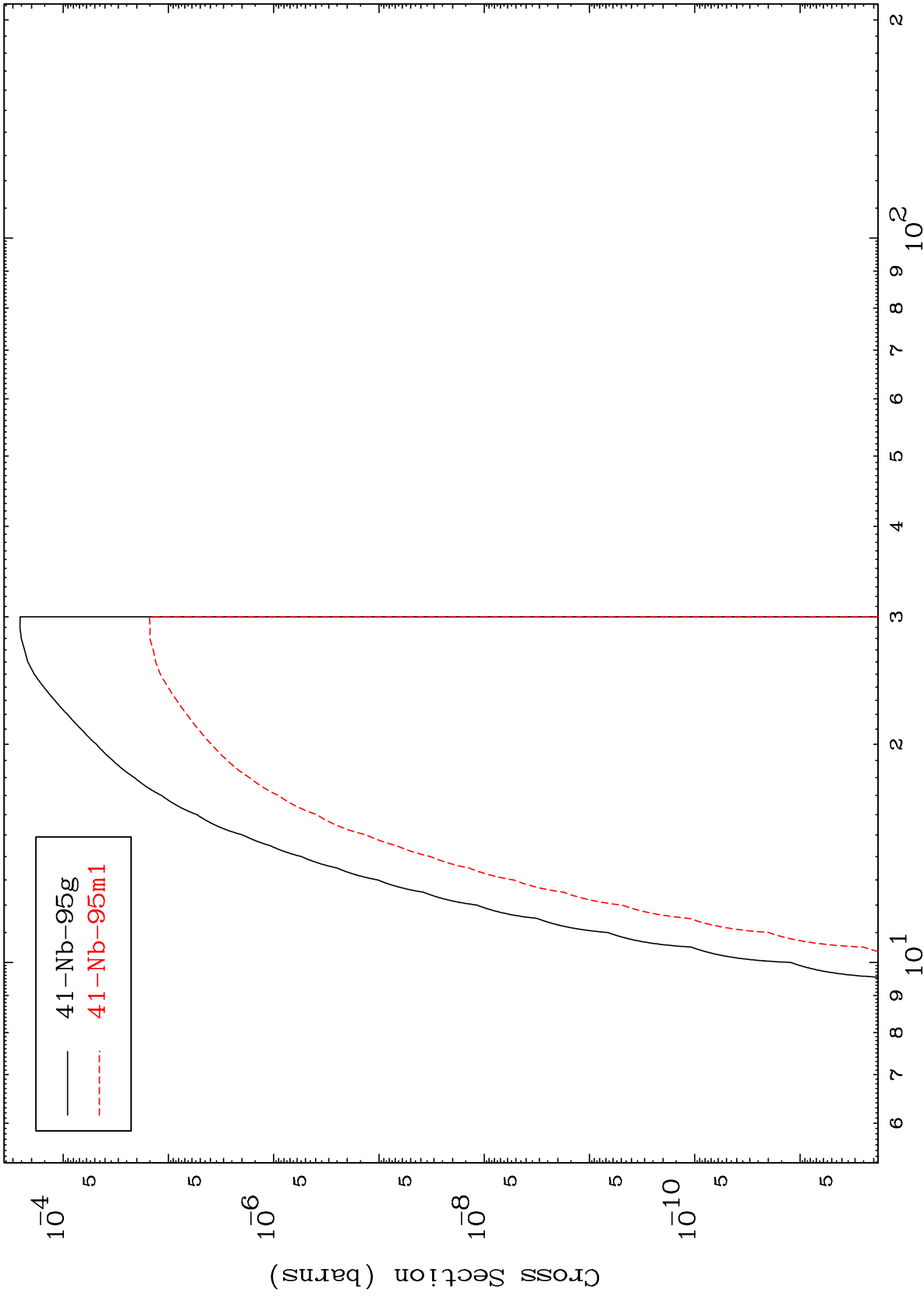
Incident Energy (MeV)

43-Tc-96

MAT 4317

43-Tc-96

Radionuclide Production Cross Section (n,2p)



35

Incident Energy (MeV)

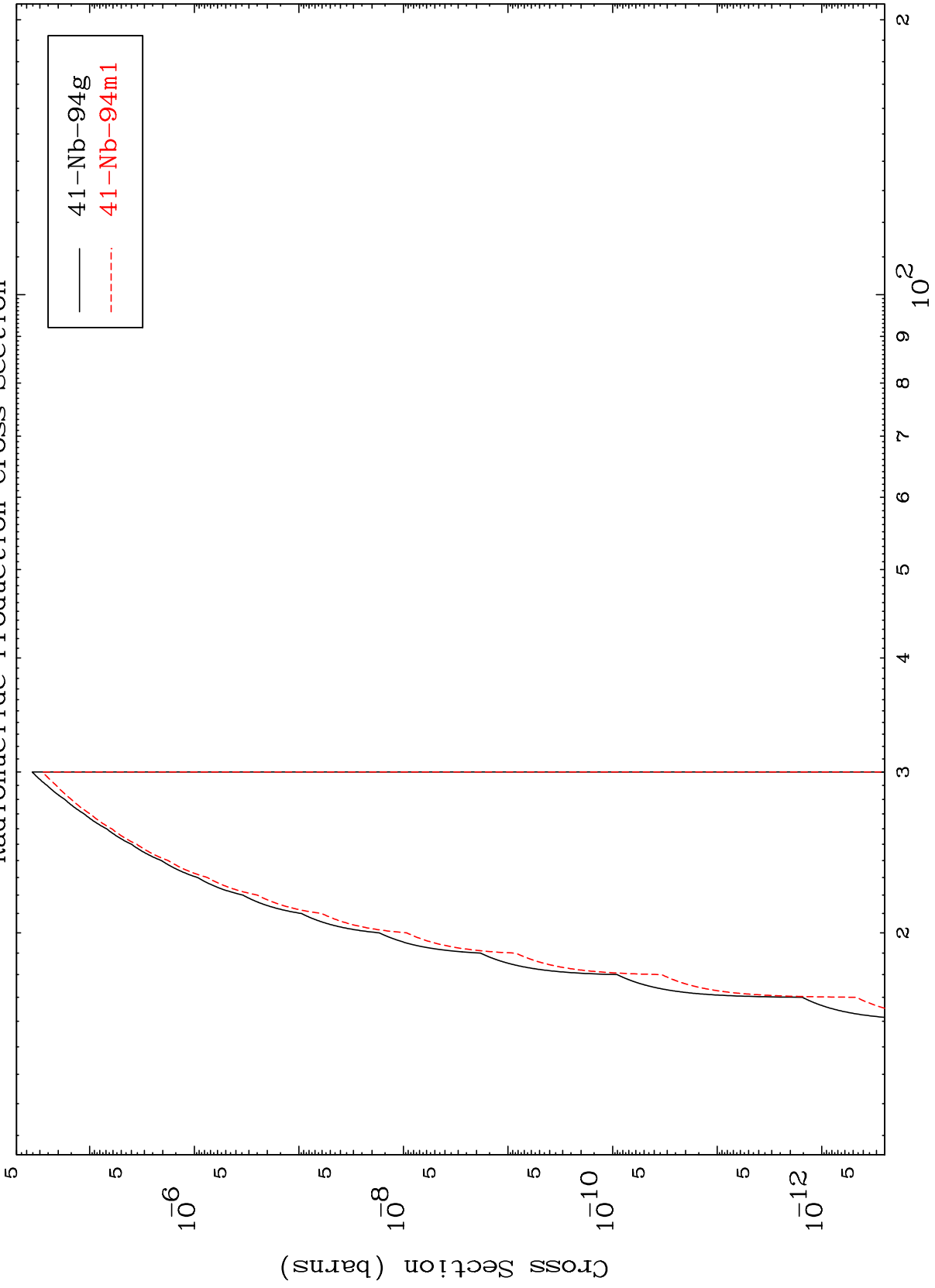
43-Tc-96

MAT 4317

(n,p) d

43-Tc-96

Radionuclide Production Cross Section



36

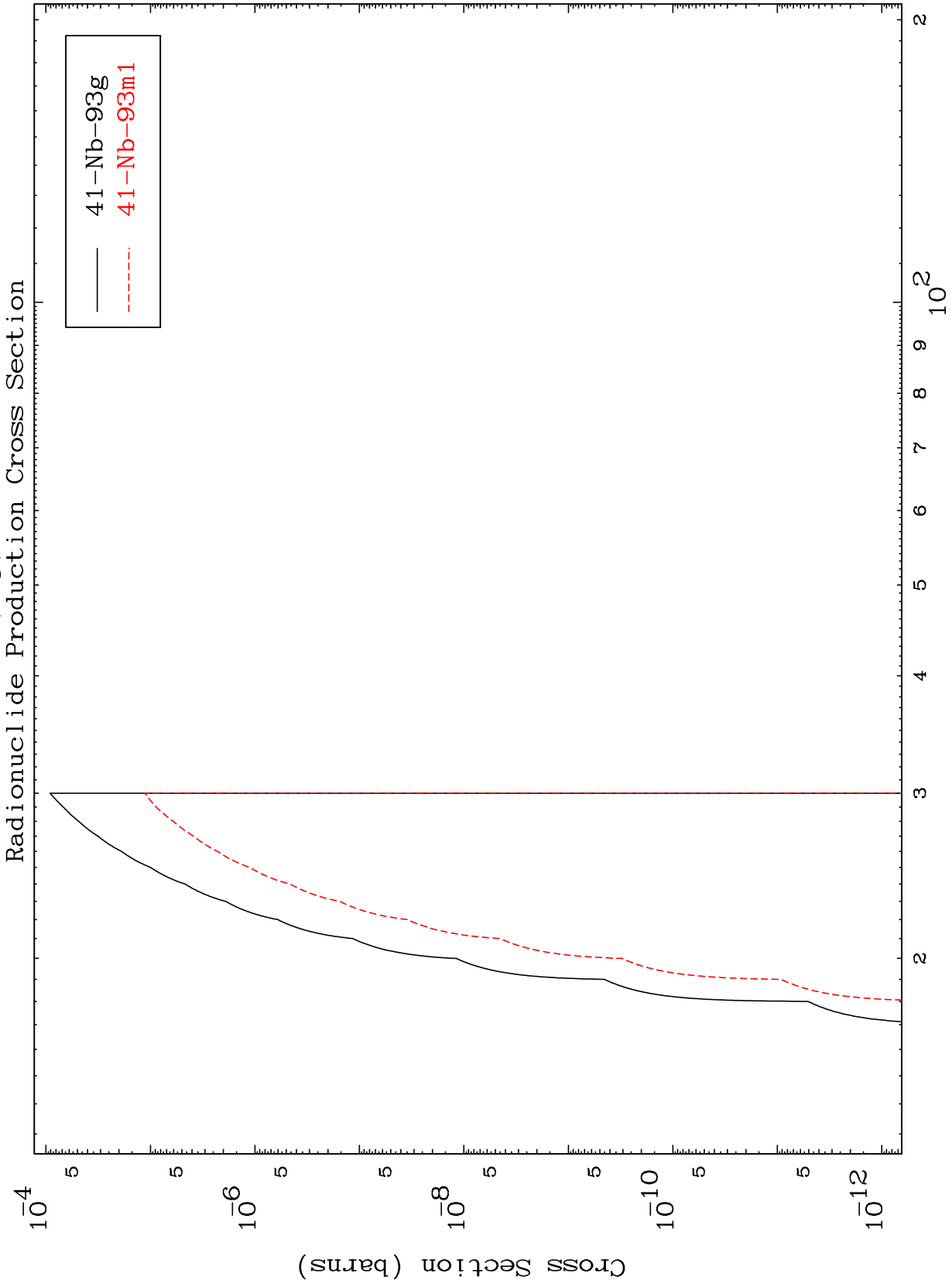
Incident Energy (MeV)

43-Tc-96

MAT 4317

(n,p) t

43-Tc-96



37

43-Tc-96