

Program EVALPLOT
(Version 2021-1)

by

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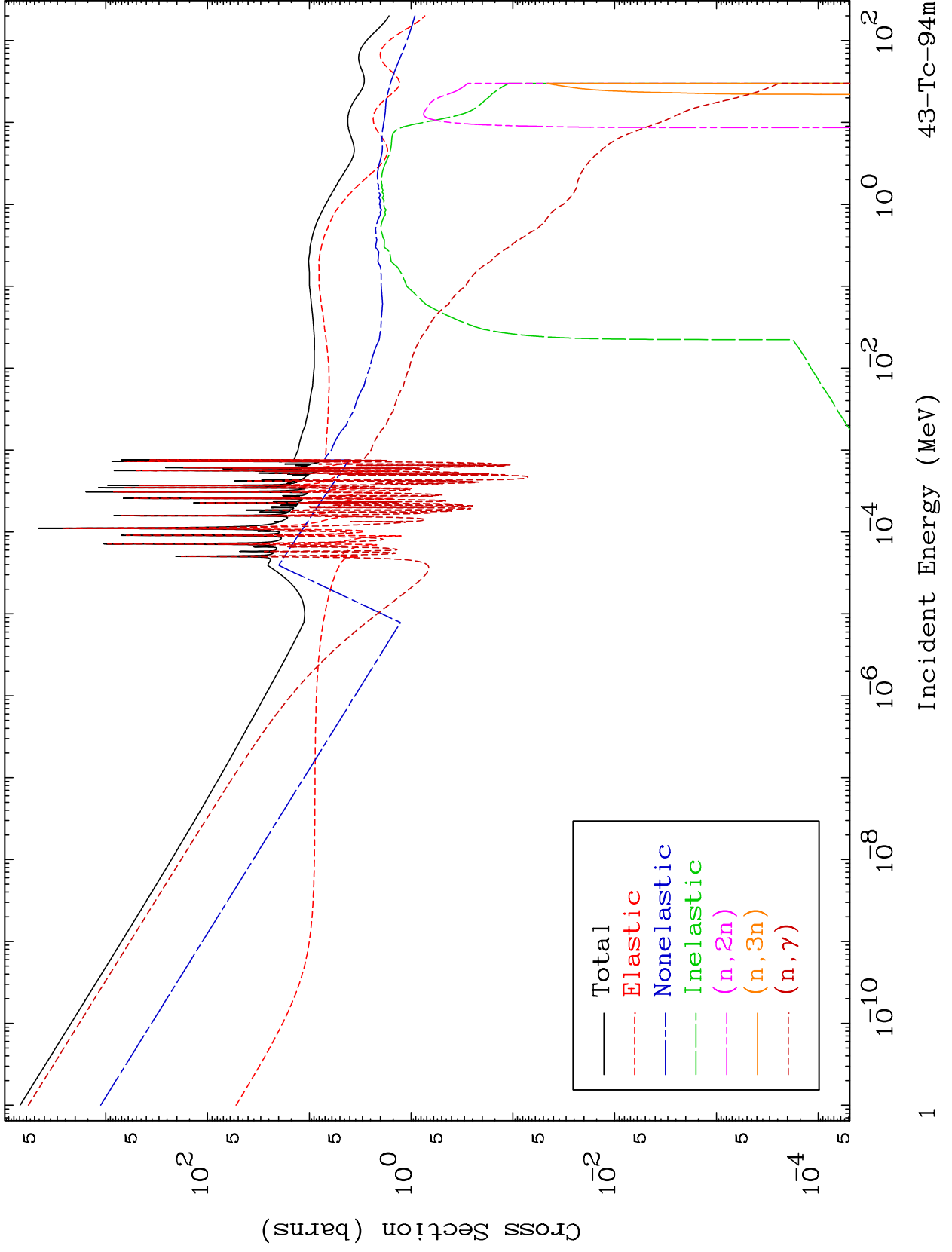
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4311

Neutron Major
293 Kelvin Cross Sections

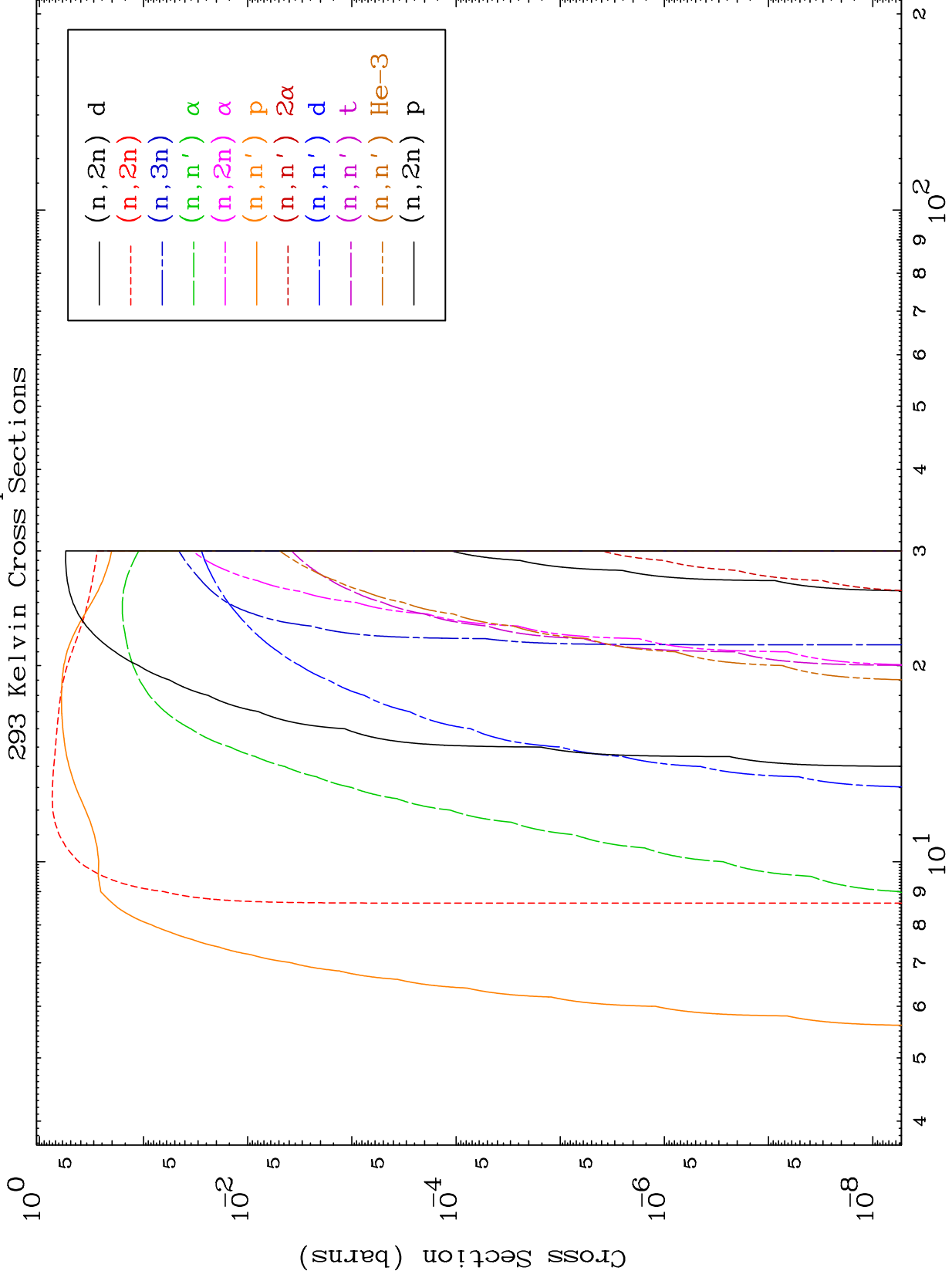
43-Tc-94m



MAT 4311

Neutron Absorption
293 Kelvin Cross Sections

43-Tc-94m



2

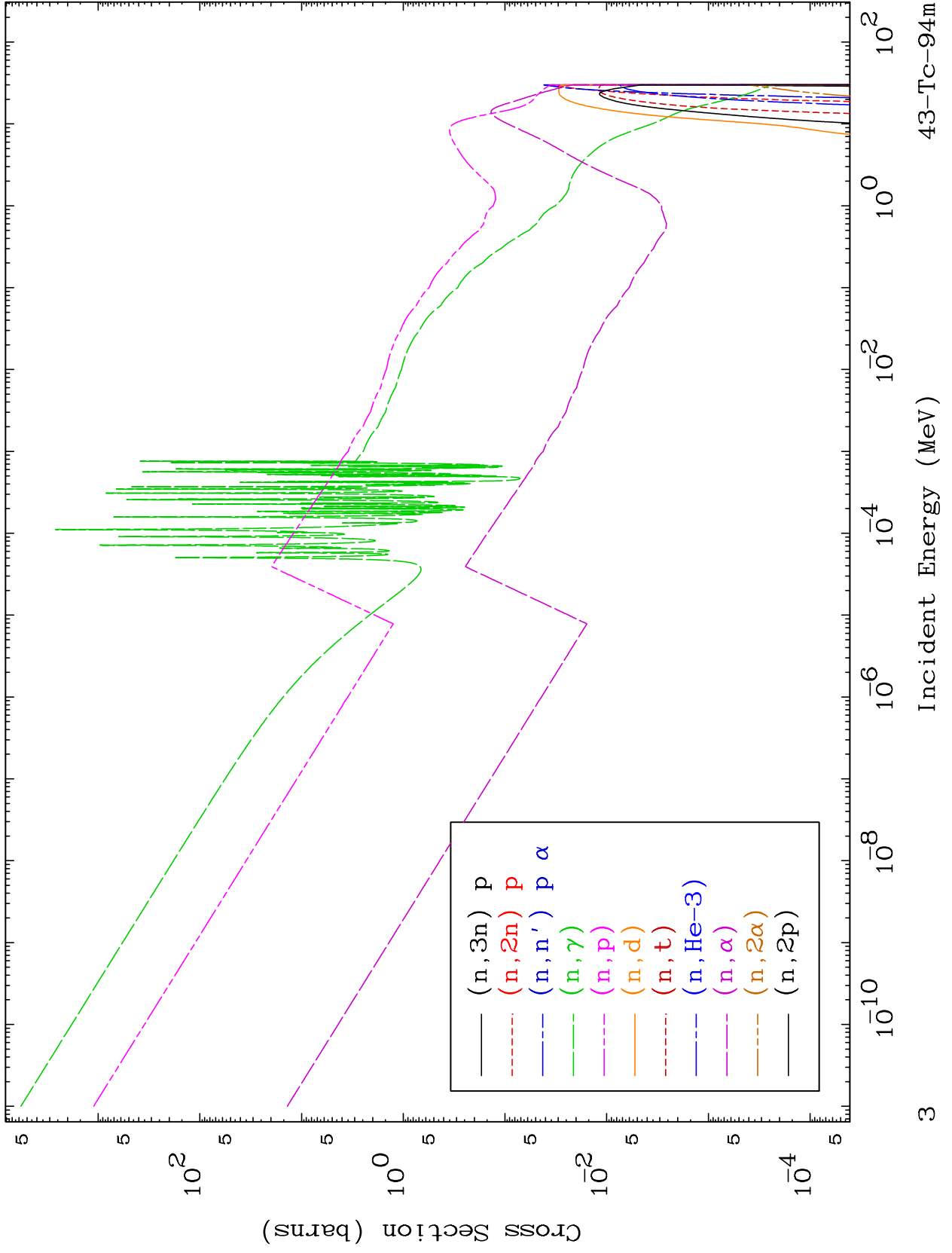
Incident Energy (MeV)

43-Tc-94m

MAT 4311

Neutron Absorption
293 Kelvin Cross Sections

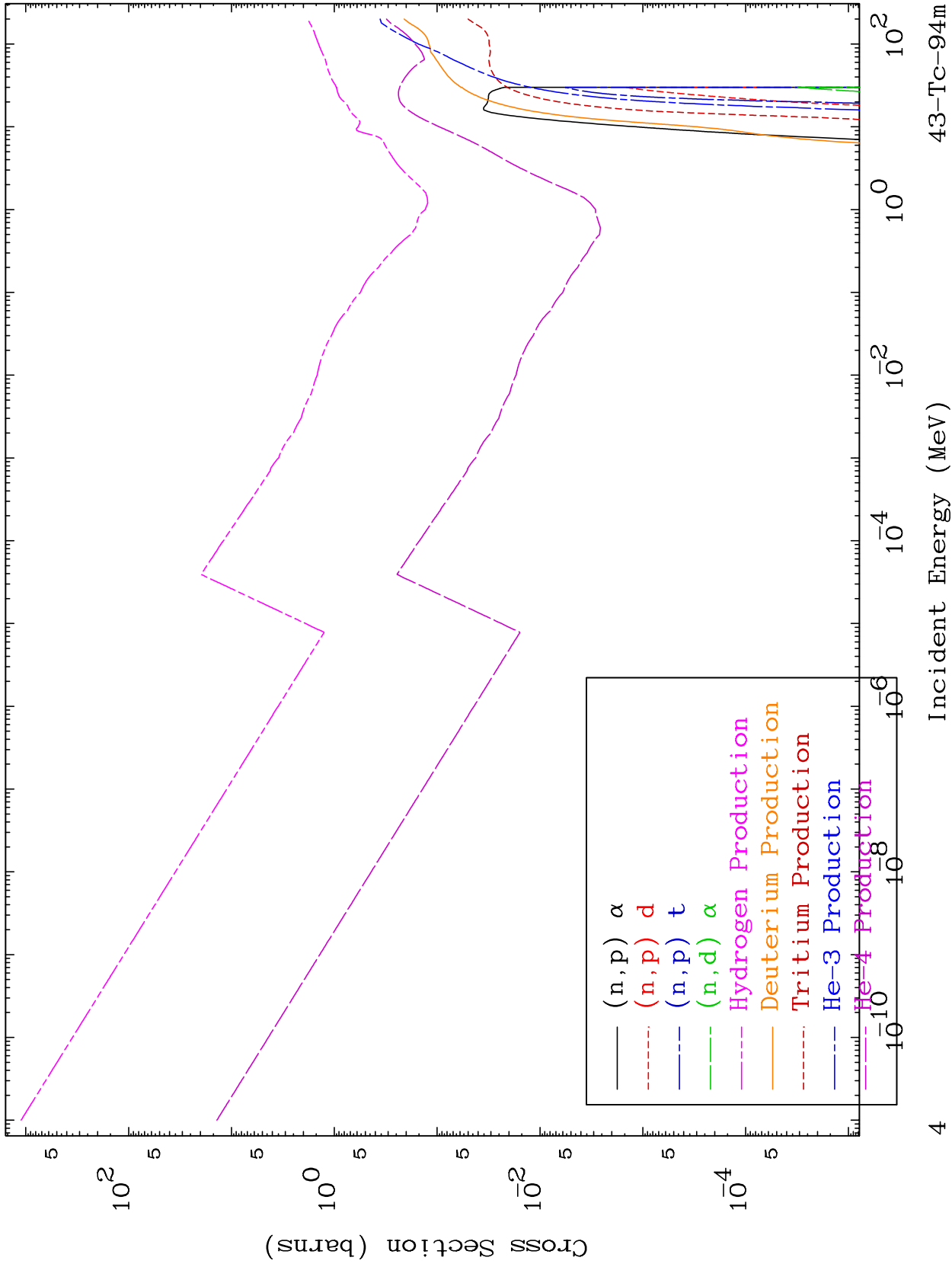
43-Tc-94m



MAT 4311

Neutron Absorption
293 Kelvin Cross Sections

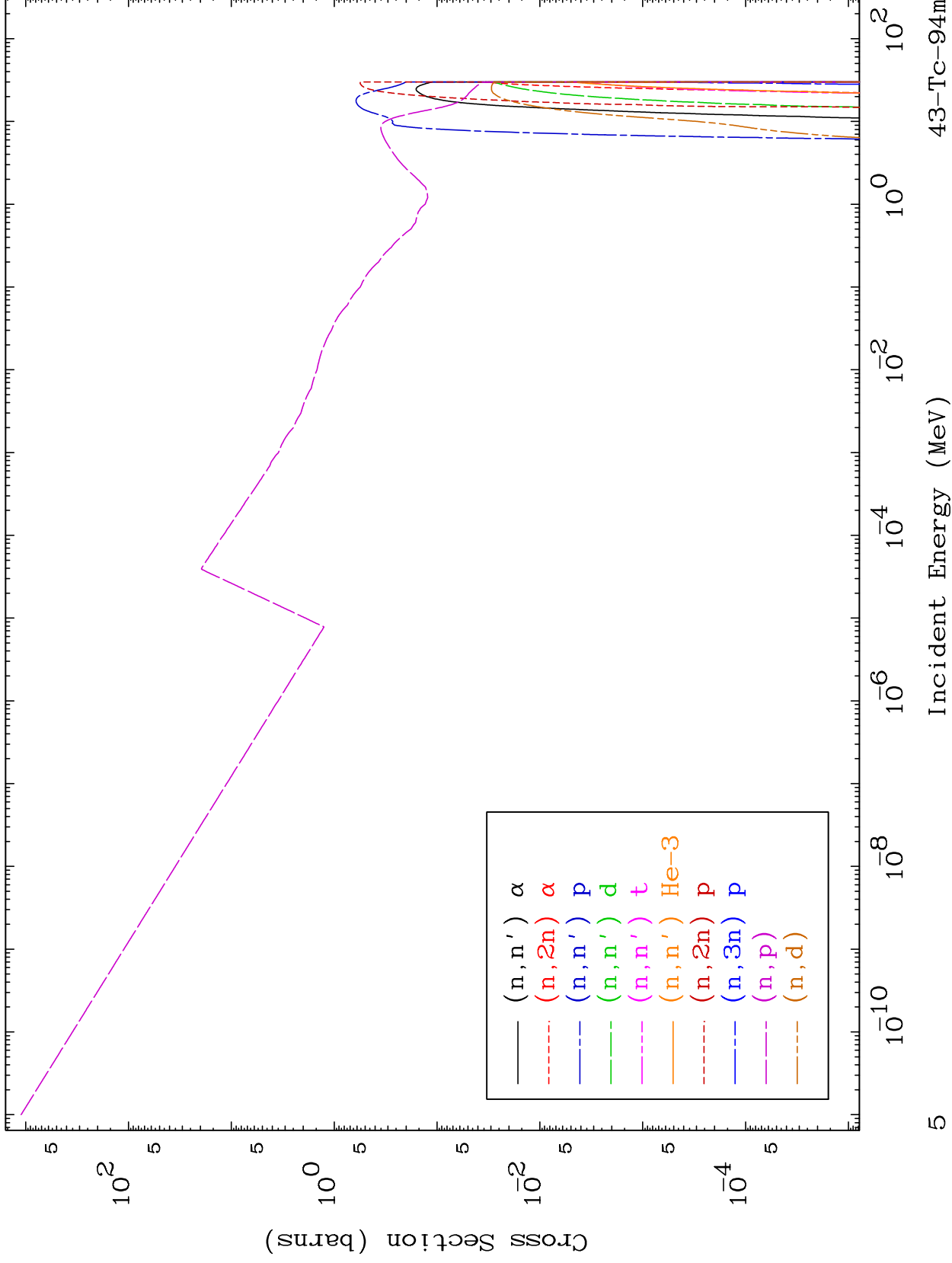
43-Tc-94m



MAT 4311

Charged Particle
293 Kelvin Cross Sections

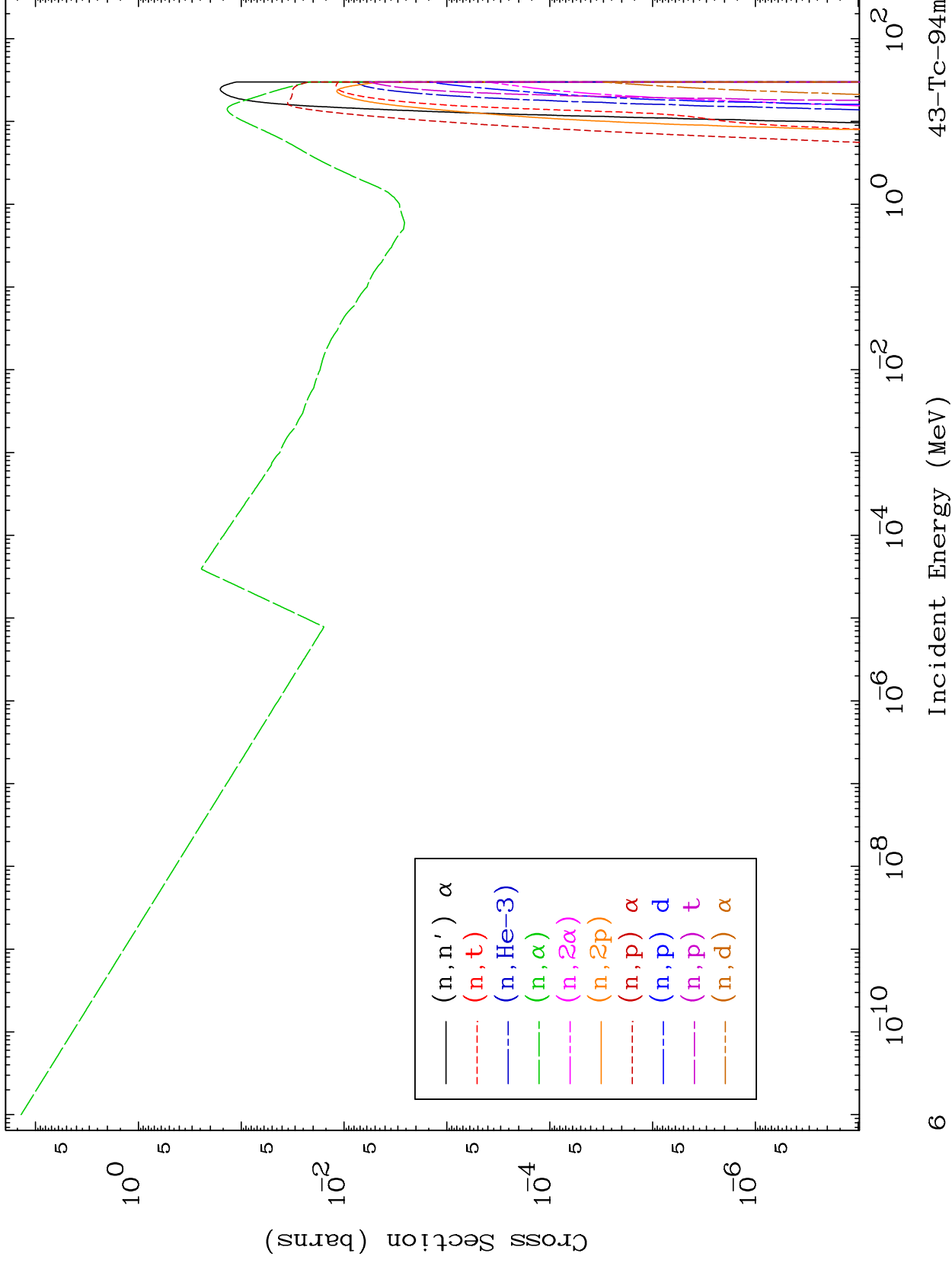
43-Tc-94m



MAT 4311

Charged Particle
293 Kelvin Cross Sections

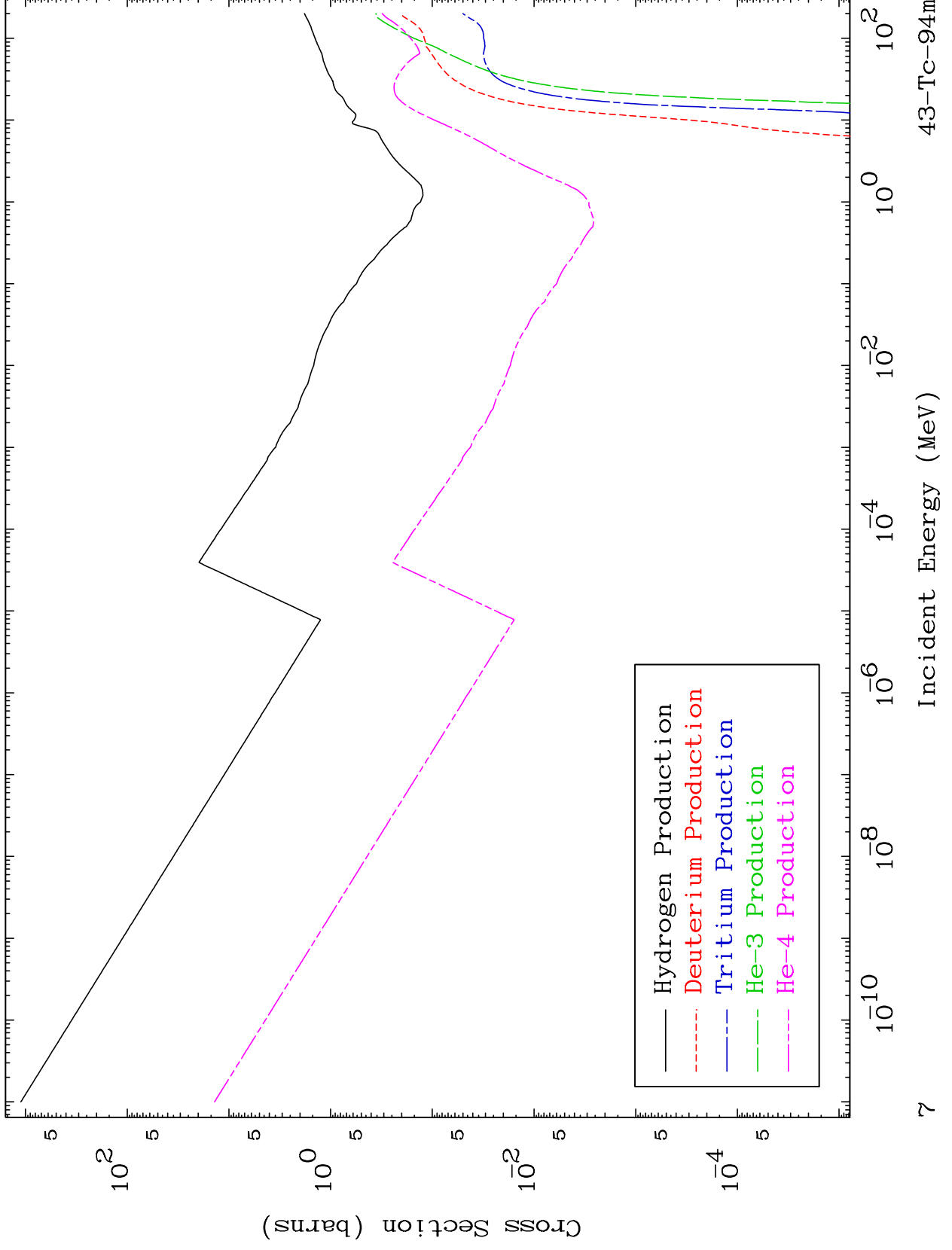
43-Tc-94m



MAT 4311

Particle Production
293 Kelvin Cross Sections

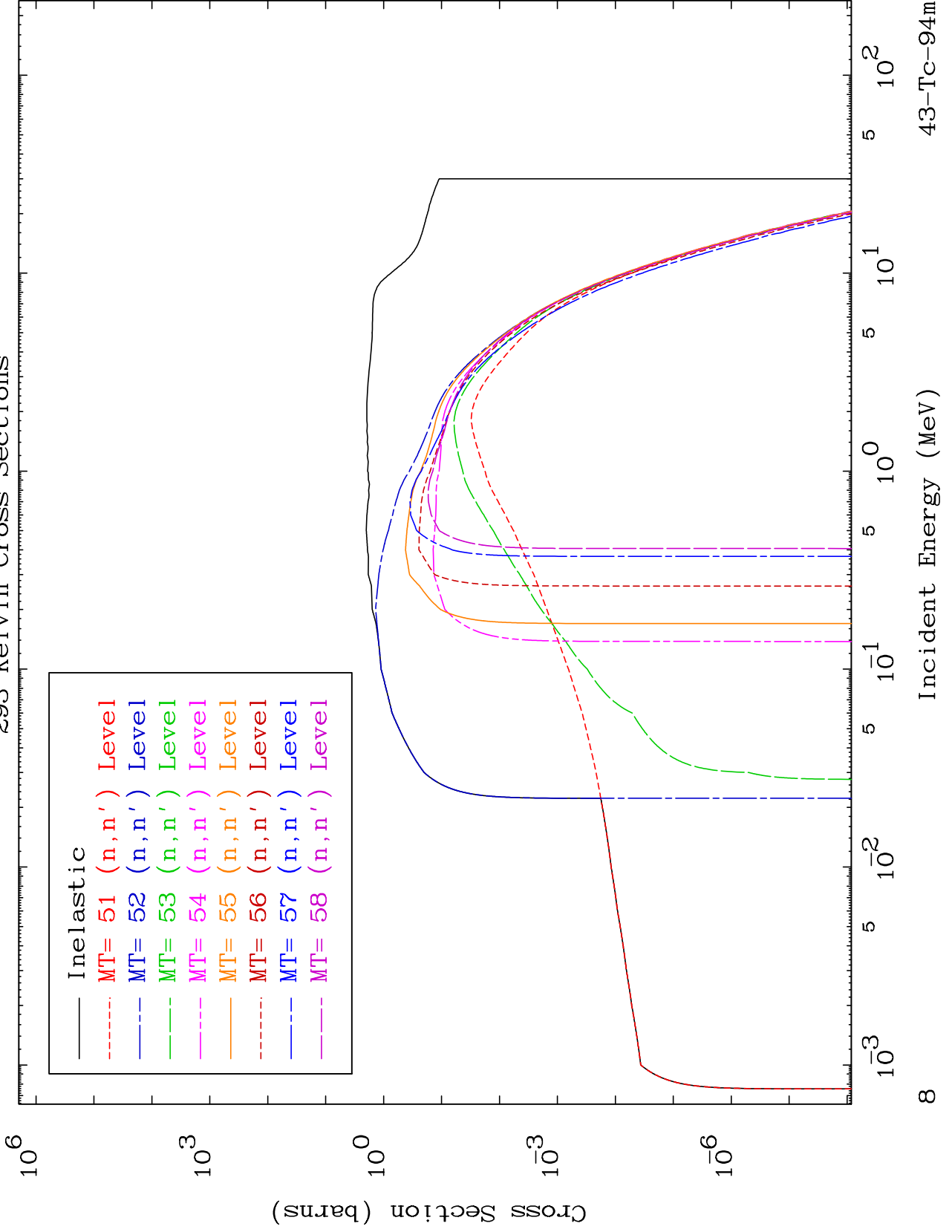
43-Tc-94m



MAT 4311

(n,n') Levels
293 Kelvin Cross Sections

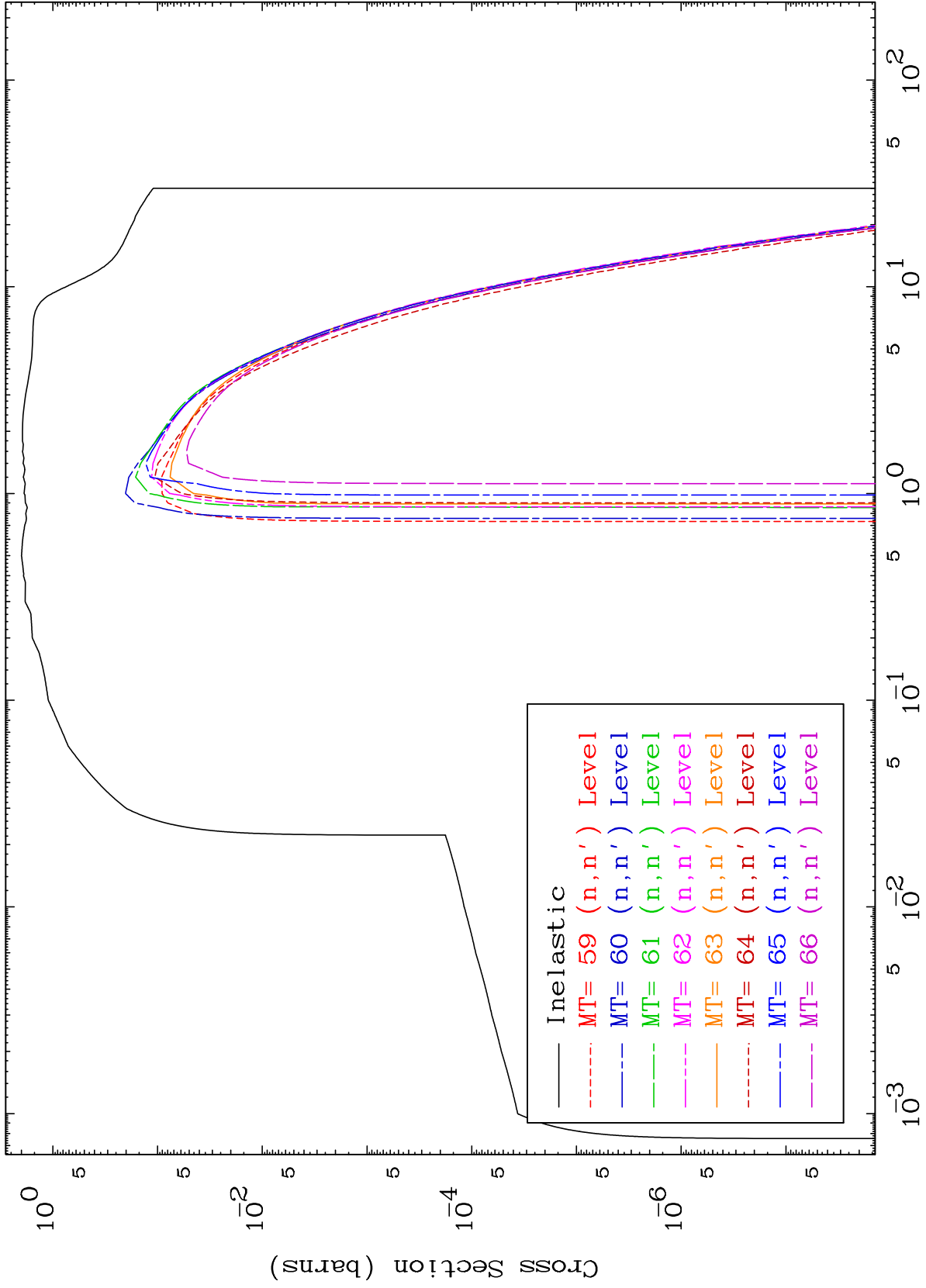
43-Tc-94m



MAT 4311

(n,n') Levels
293 Kelvin Cross Sections

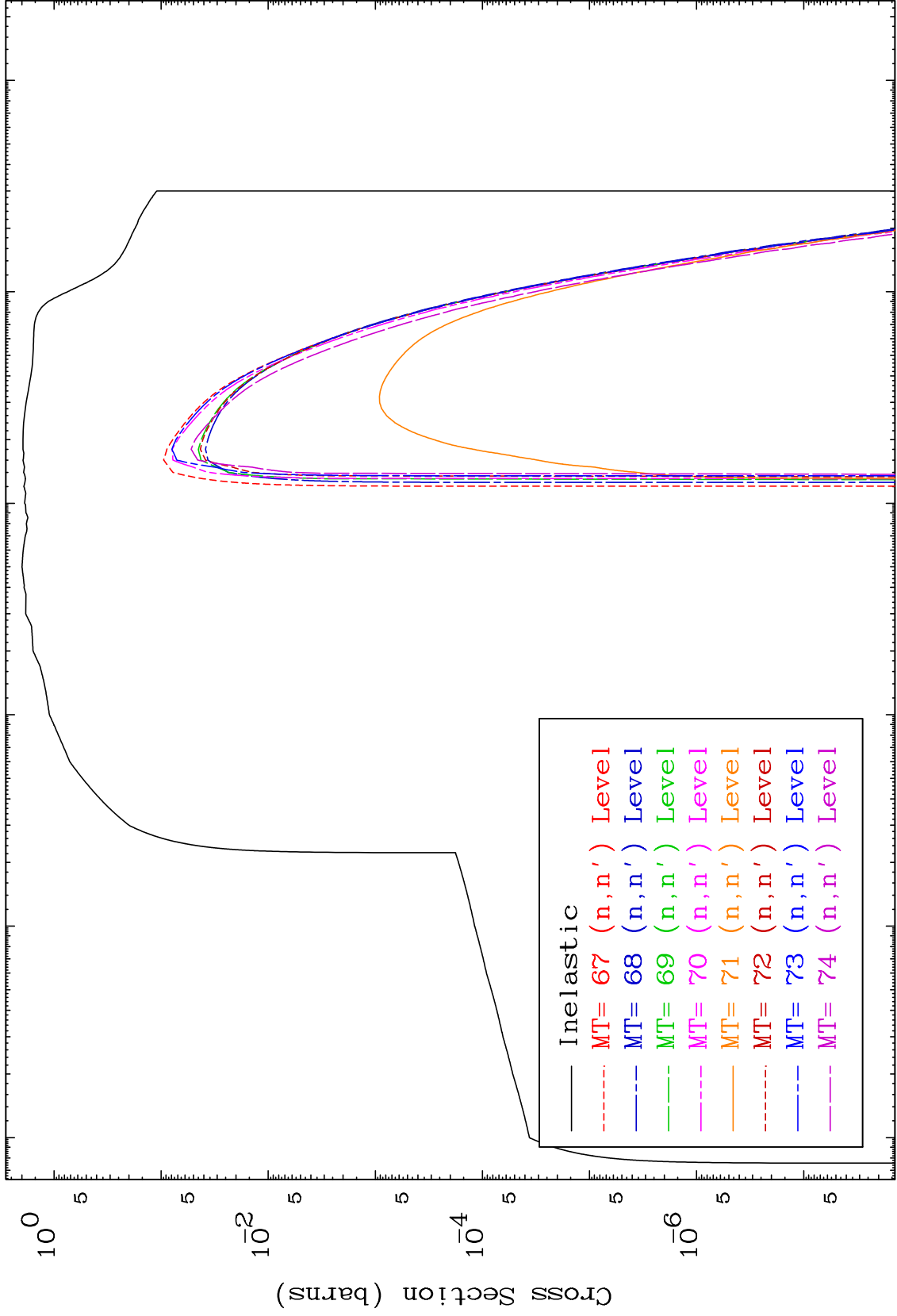
43-Tc-94m



MAT 4311

(n,n') Levels
293 Kelvin Cross Sections

43-Tc-94m



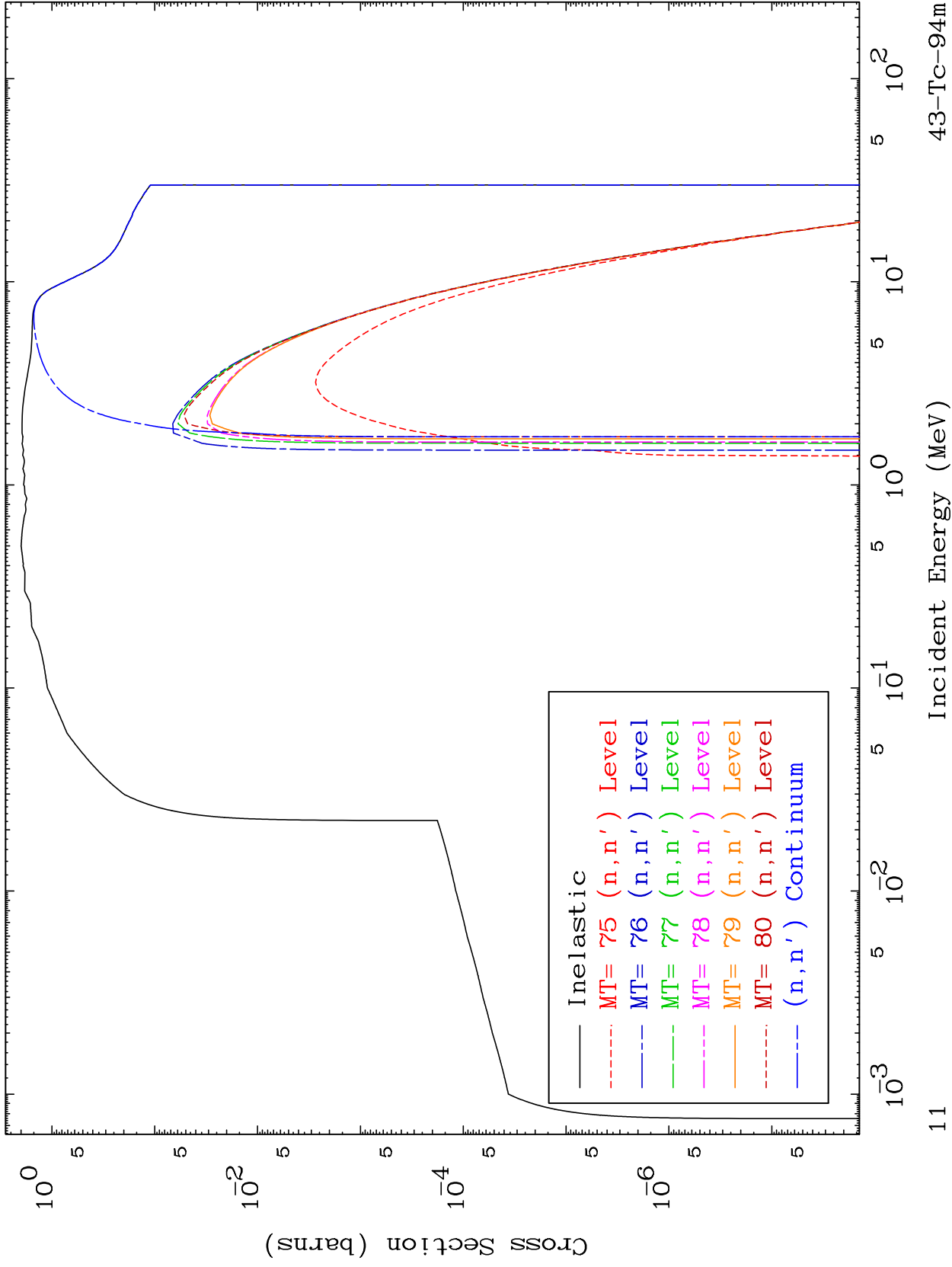
43-Tc-94m

Incident Energy (MeV)

MAT 4311

(n,n') Levels
293 Kelvin Cross Sections

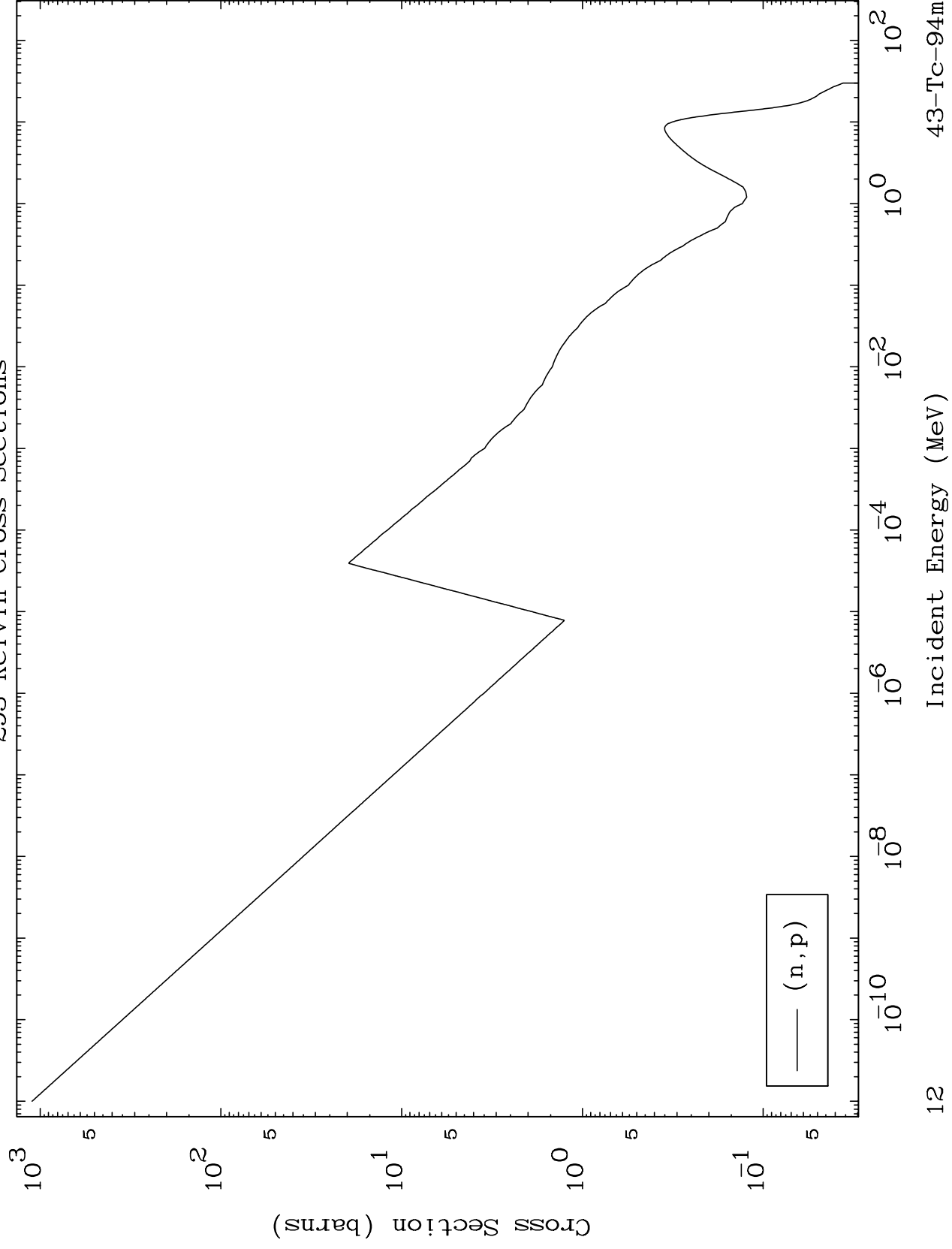
43-Tc-94m



MAT 4311

(n,p) Levels
293 Kelvin Cross Sections

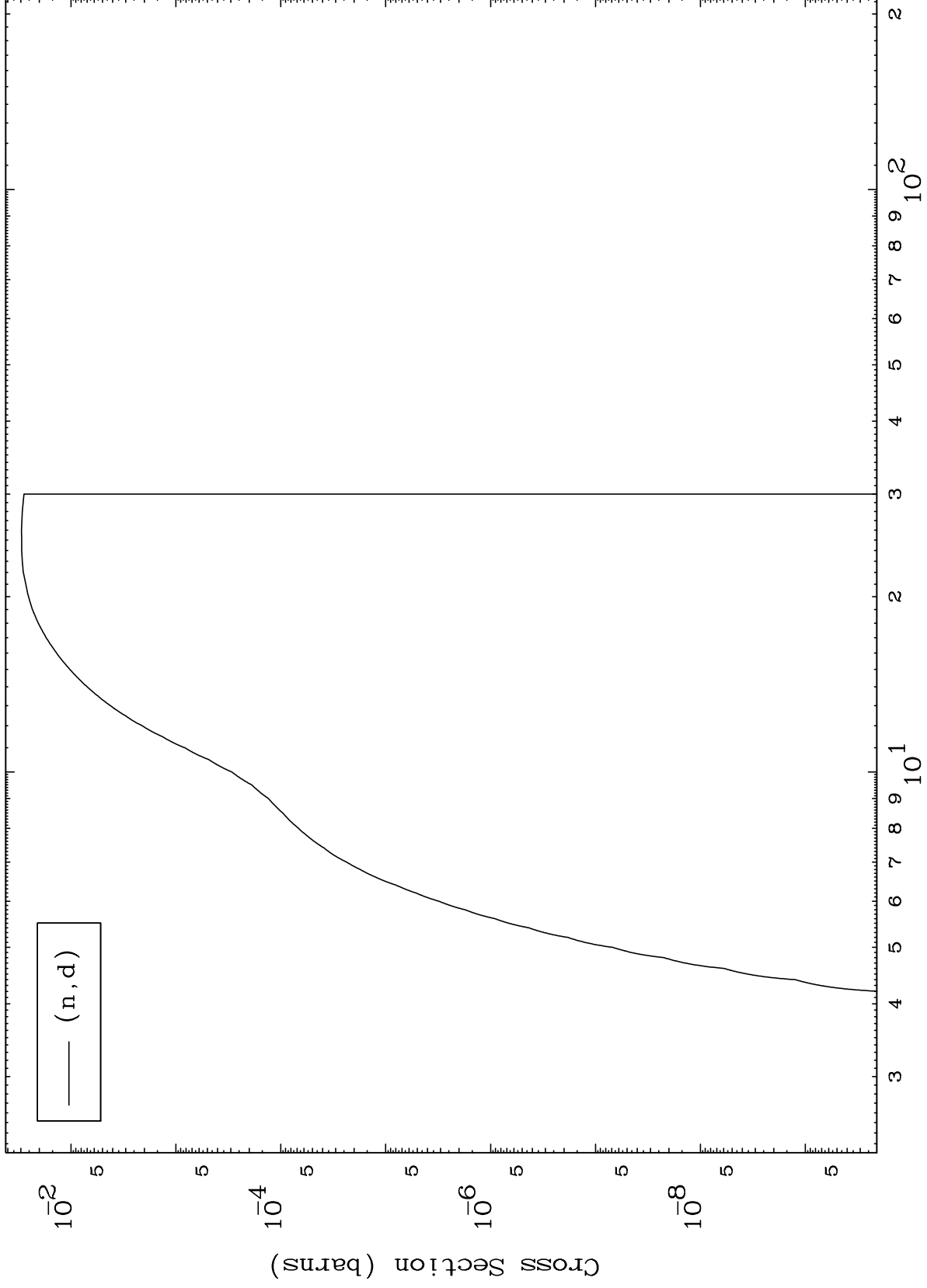
43-Tc-94m



MAT 4311

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-94m



13

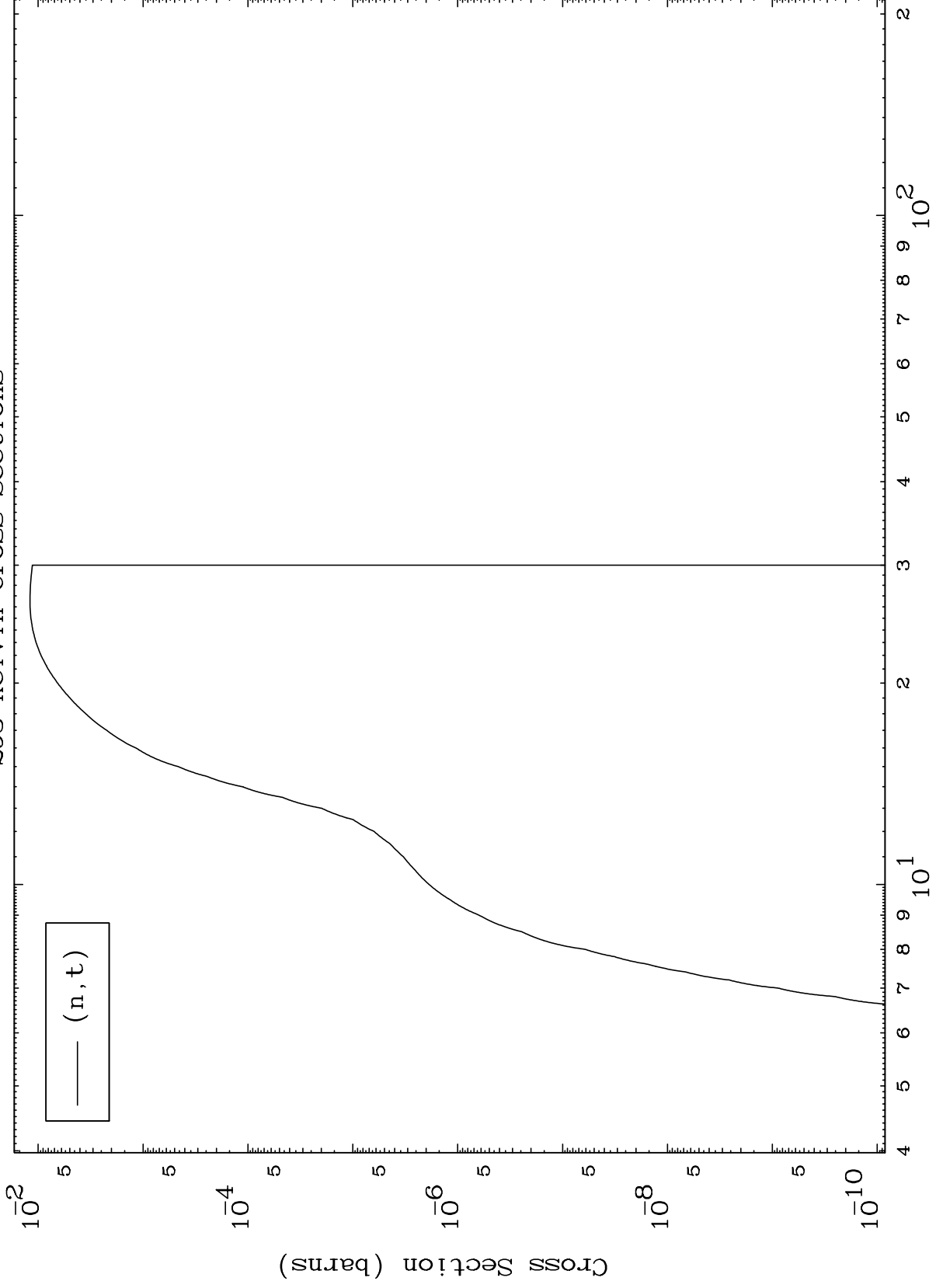
Incident Energy (MeV)

43-Tc-94m

MAT 4311

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-94m



14

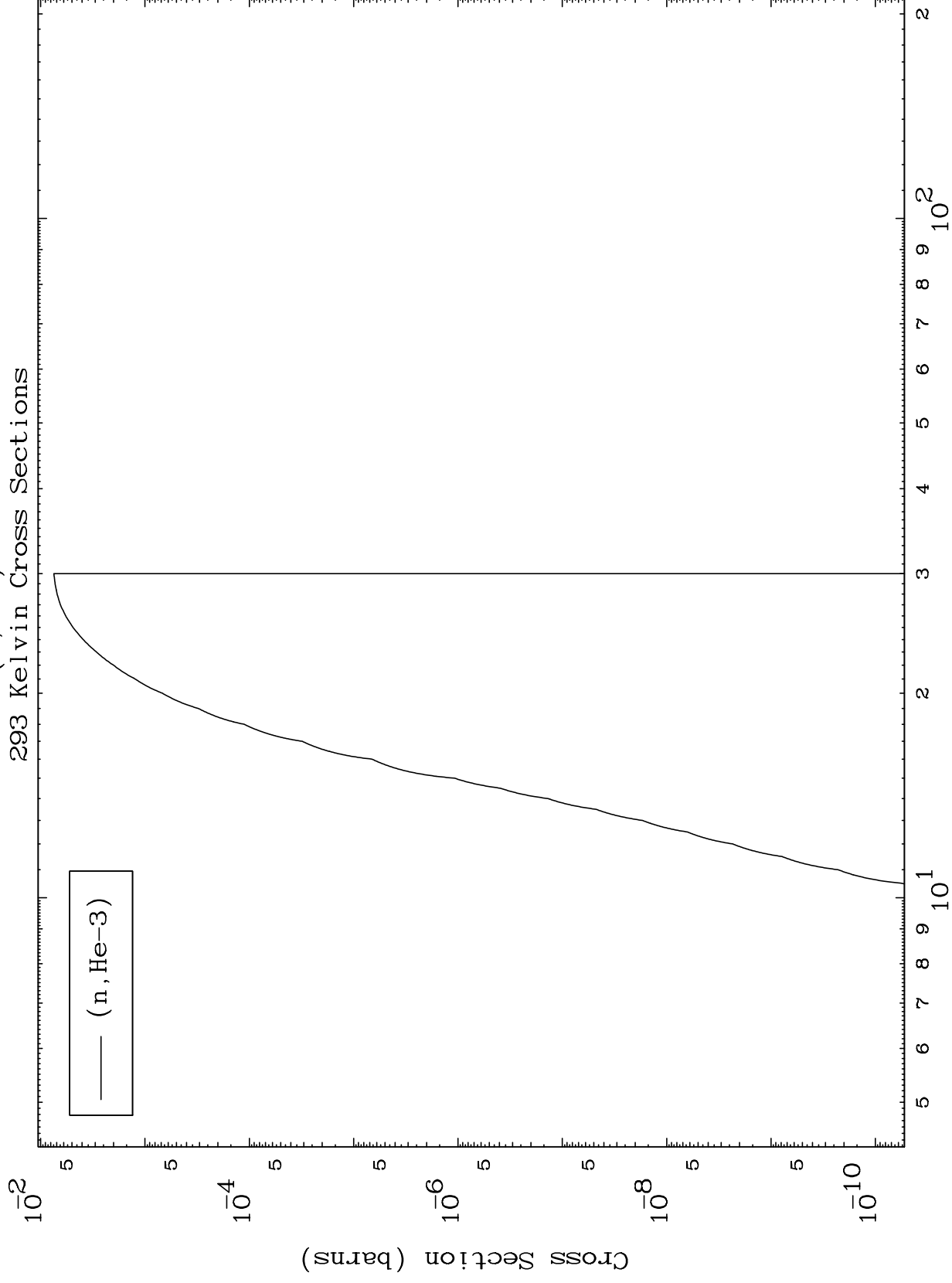
Incident Energy (MeV)

43-Tc-94m

MAT 4311

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-94m



15

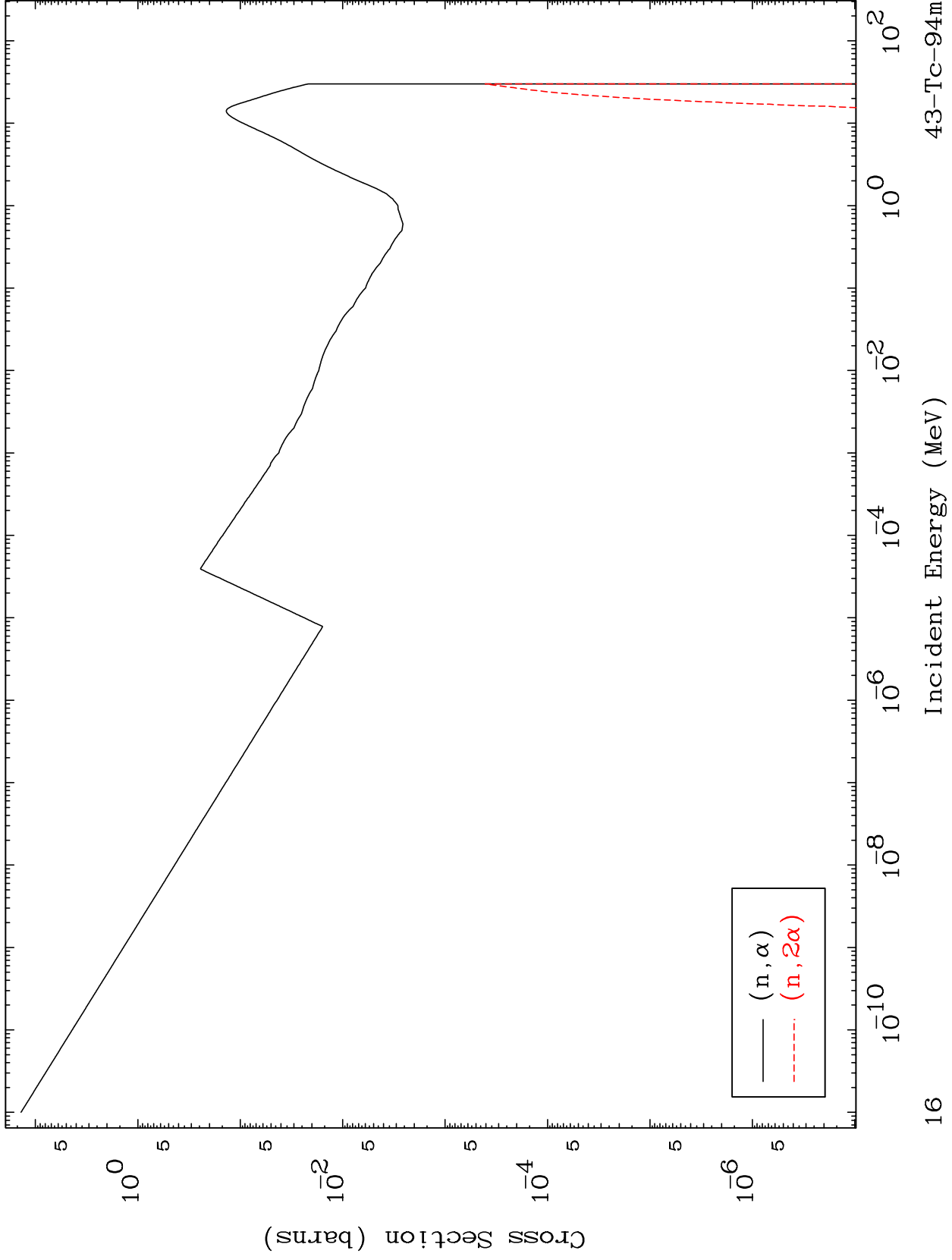
Incident Energy (MeV)

43-Tc-94m

MAT 4311

(n,α) Levels
293 Kelvin Cross Sections

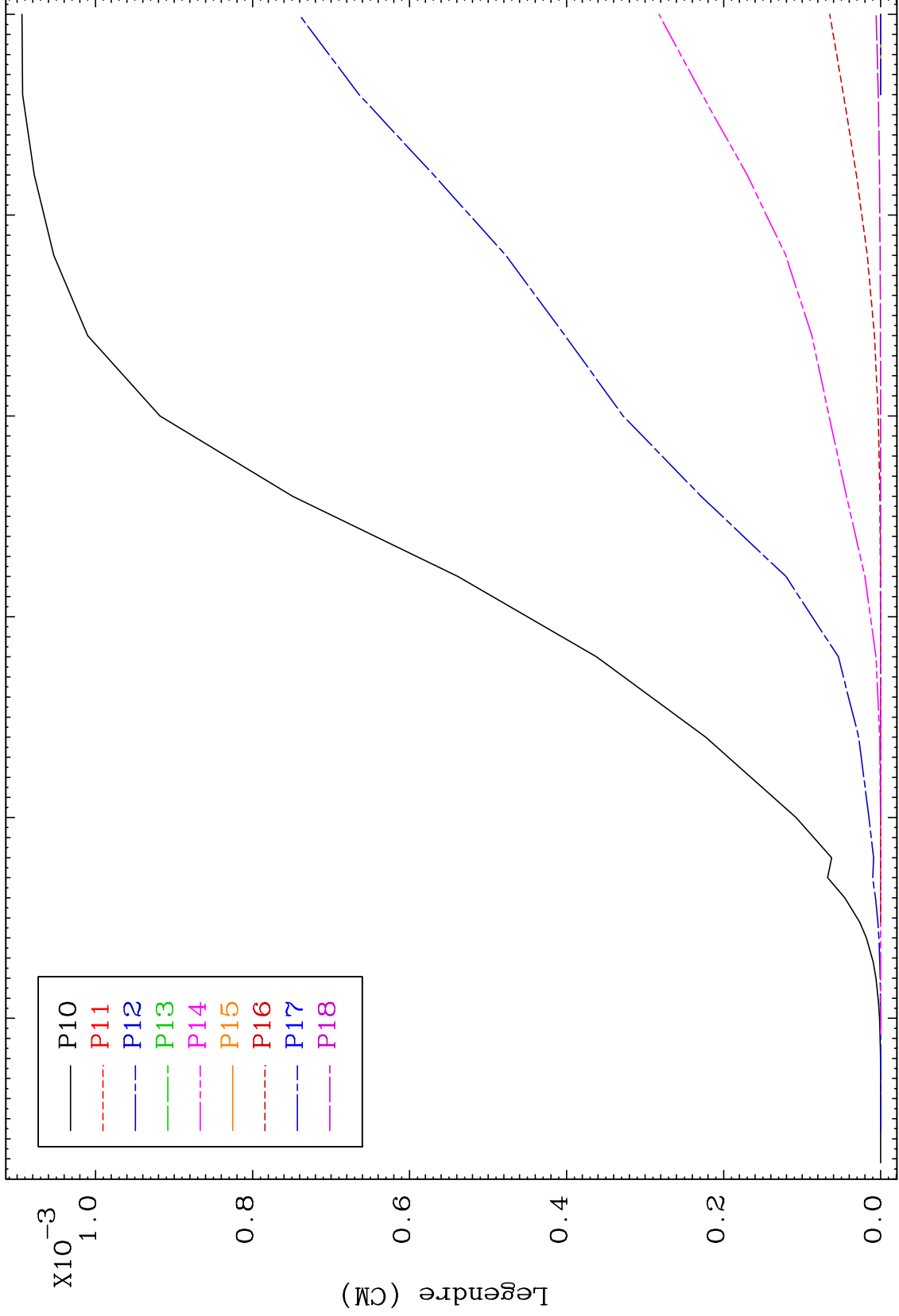
43-Tc-94m



MAT 4311

Elastic Legendre Coefficients

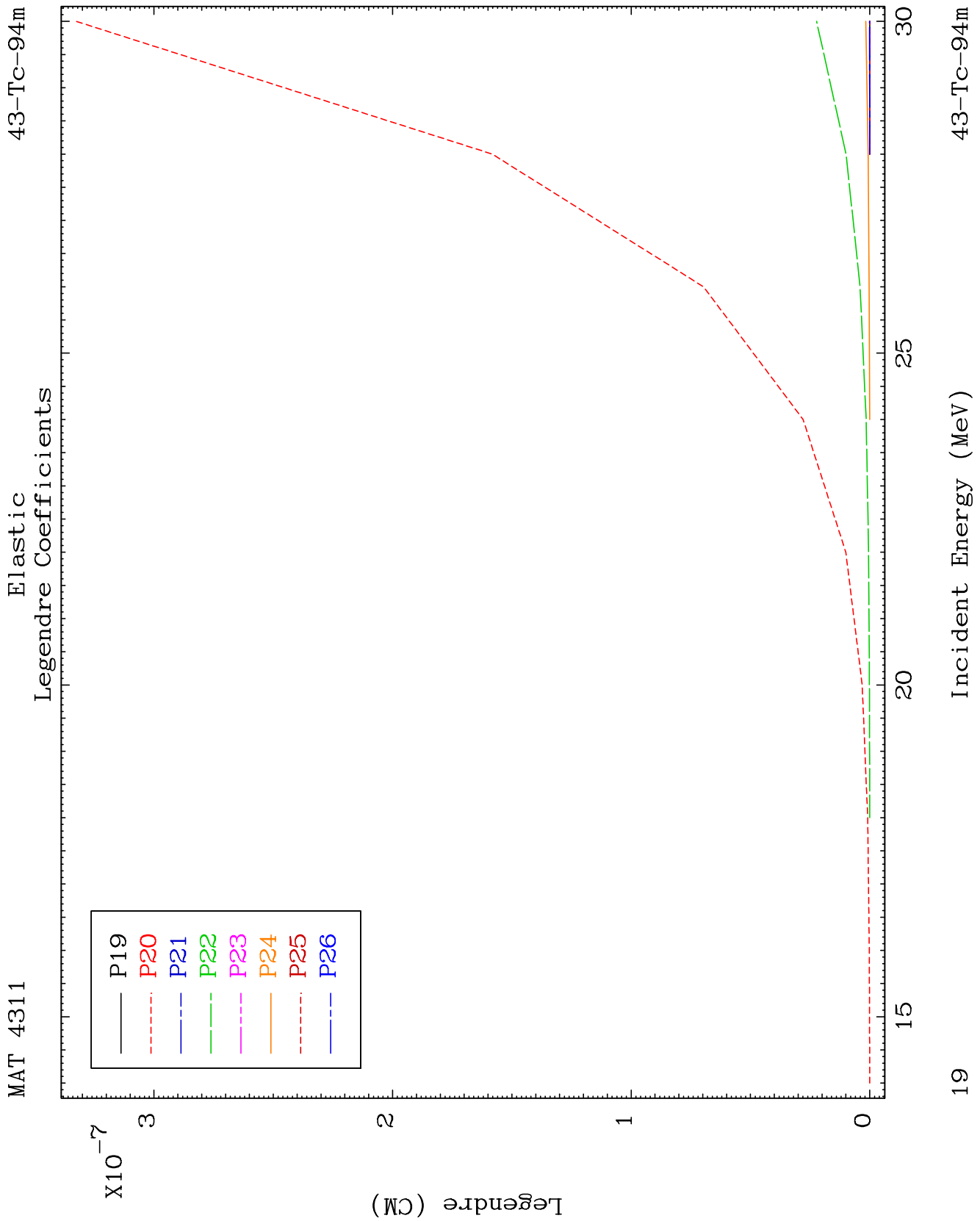
43-Tc-94m



18

Incident Energy (MeV)

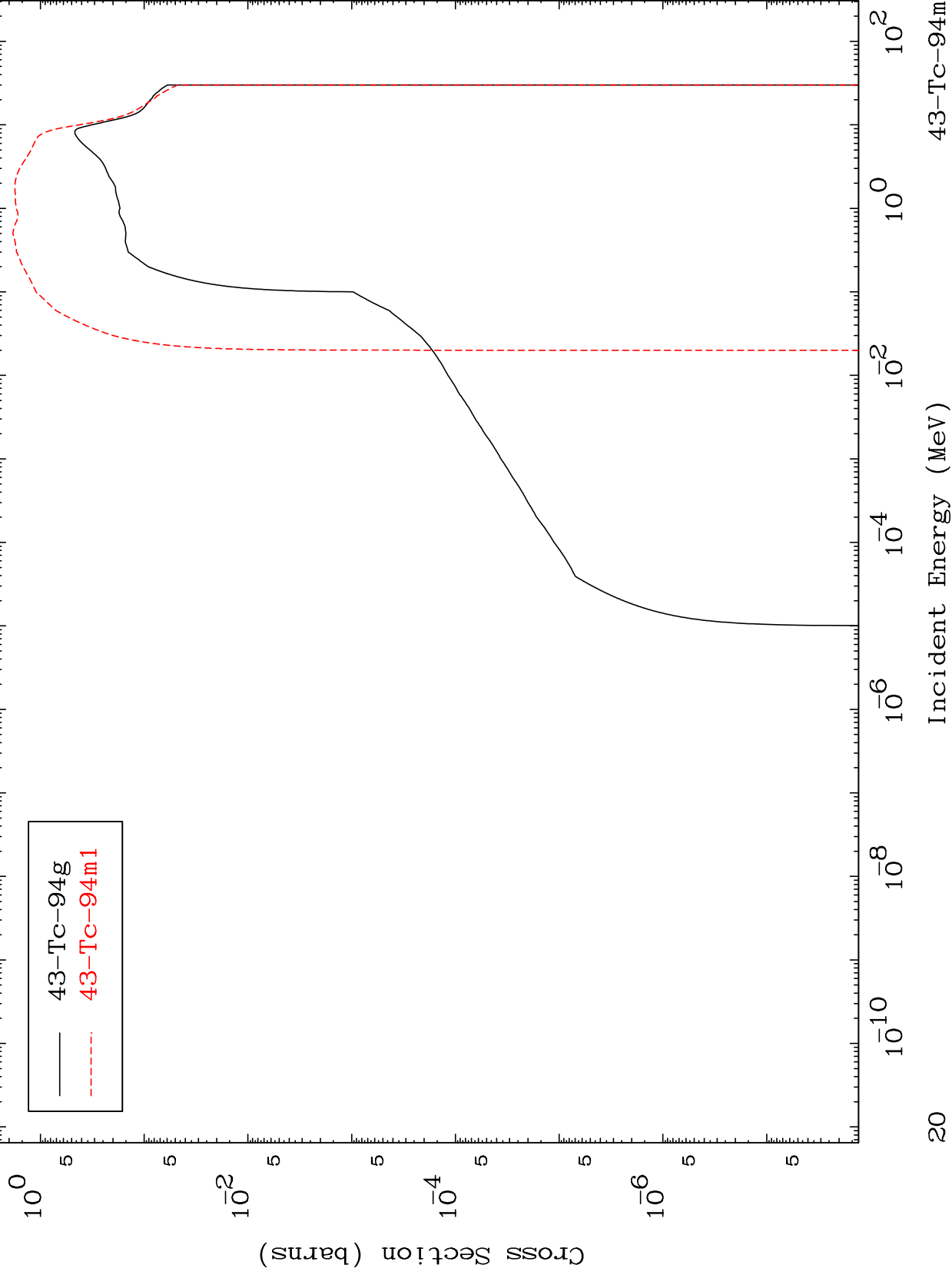
43-Tc-94m



MAT 4311

Inelastic
Radionuclide Production Cross Section

⁴³Tc-⁹⁴m

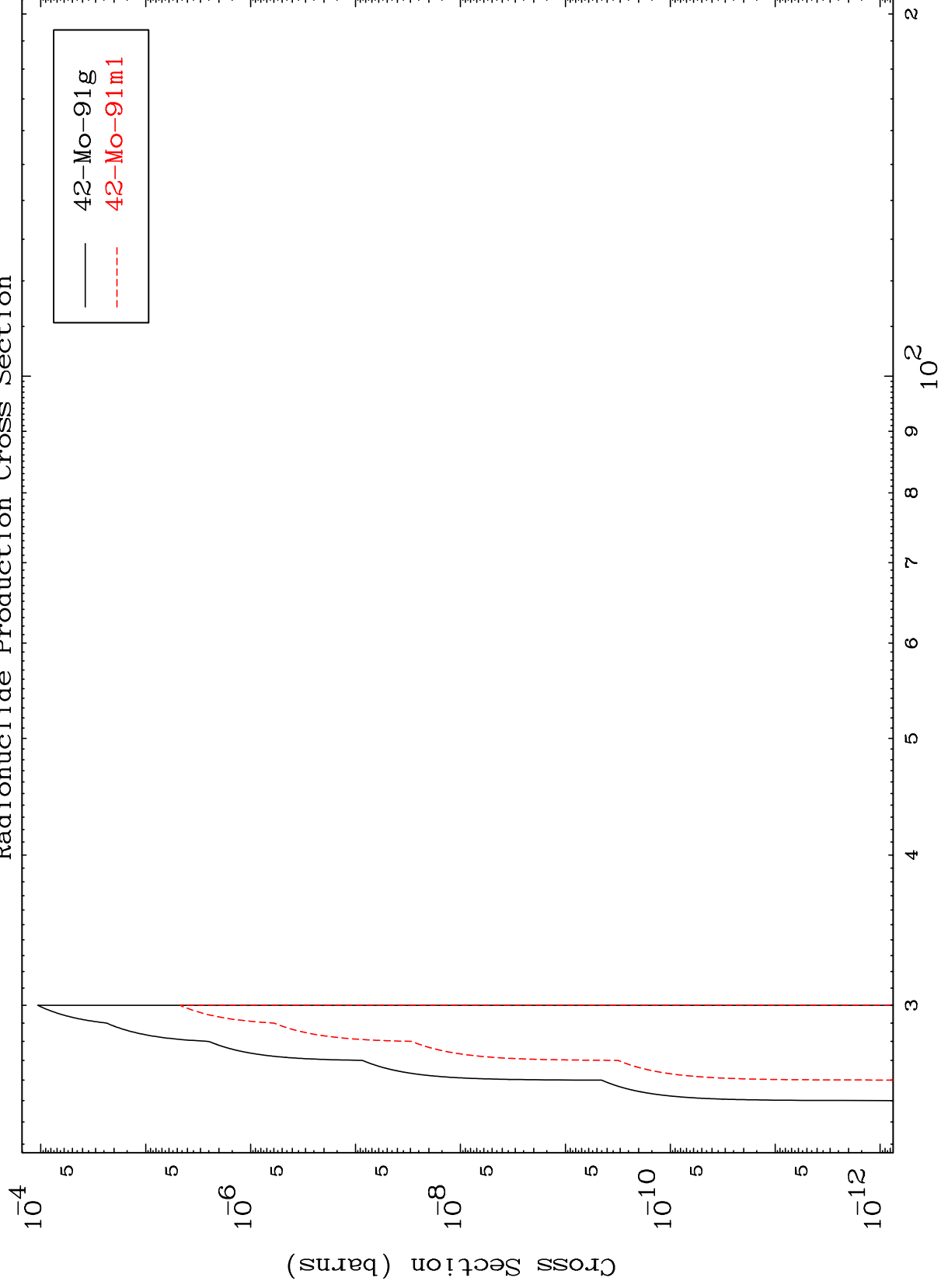


MAT 4311

(n,2n) d

43-Tc-94m

Radionuclide Production Cross Section



21

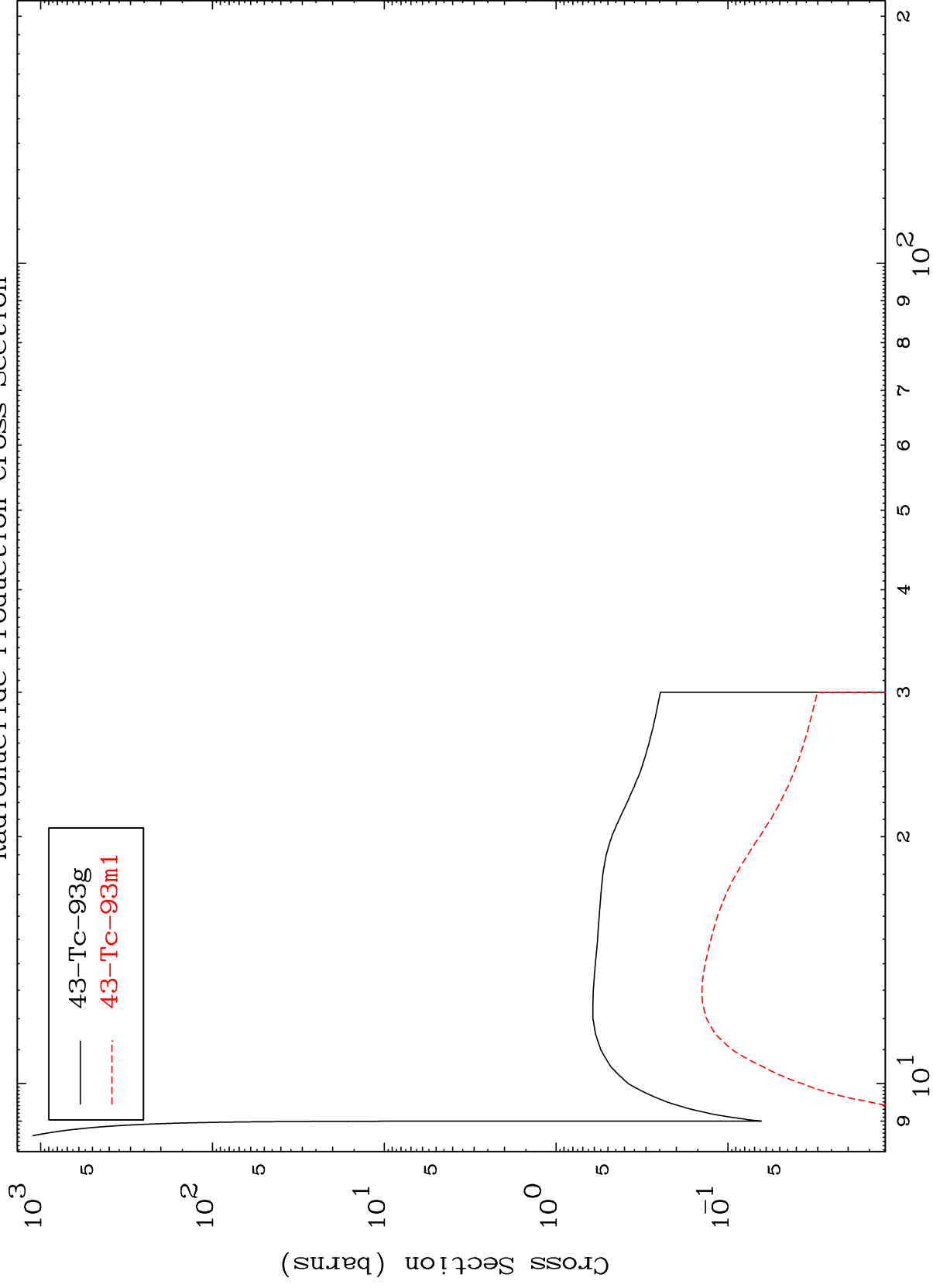
Incident Energy (MeV)

43-Tc-94m

MAT 4311

43-Tc-94m

(n,2n)
Radionuclide Production Cross Section



22

Incident Energy (MeV)

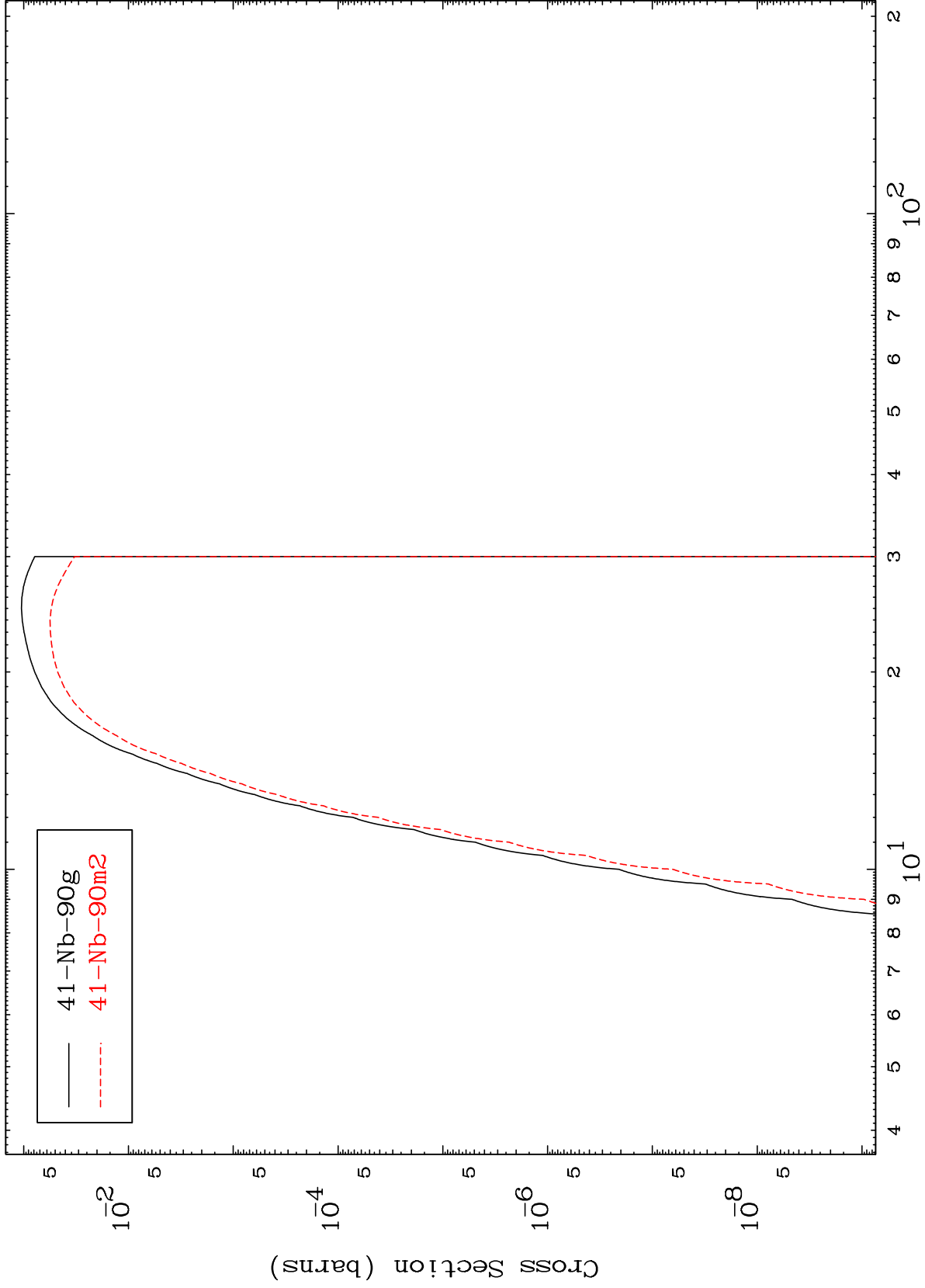
43-Tc-94m

MAT 4311

(n,n') α

43-Tc-94m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

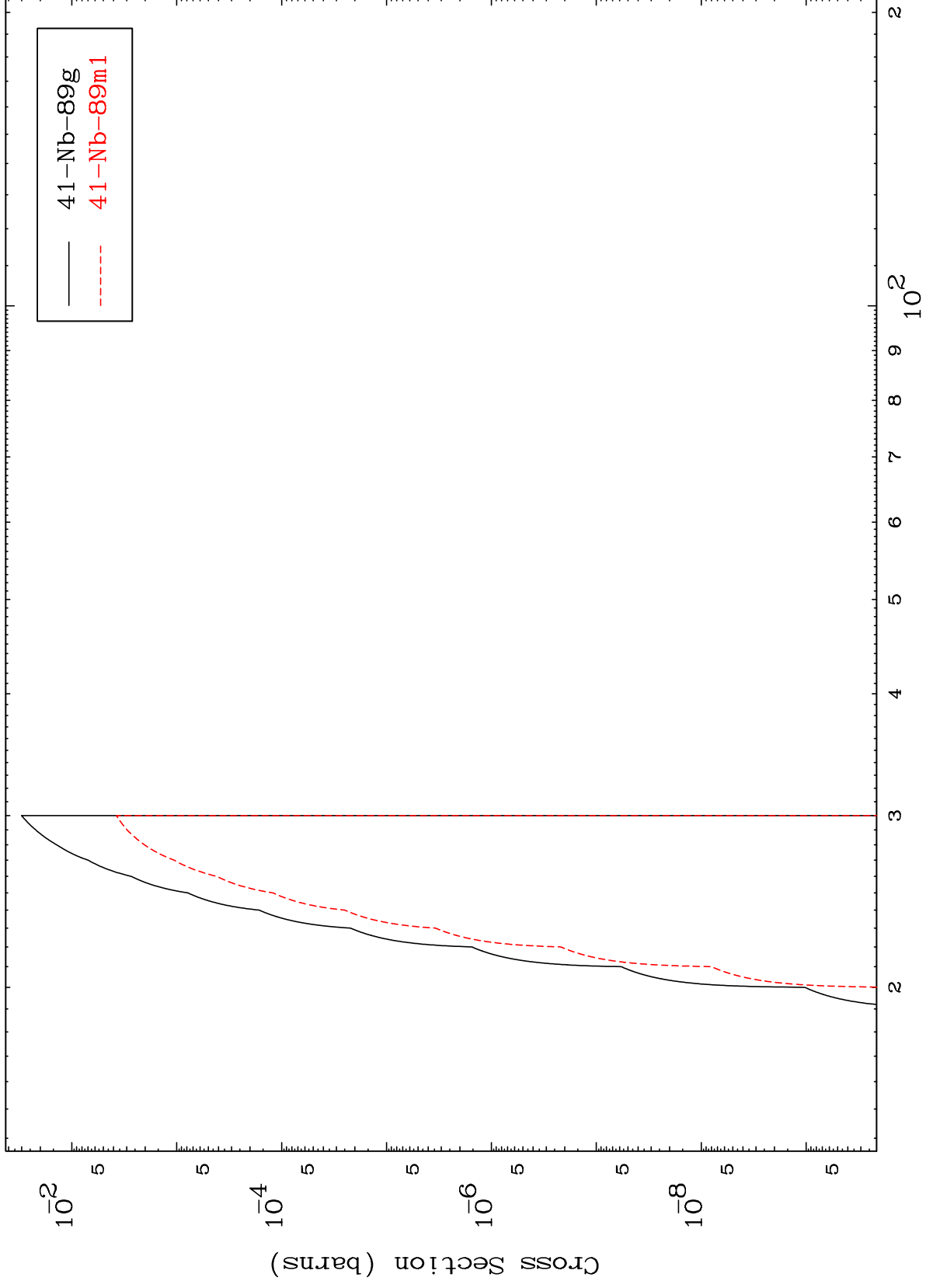
43-Tc-94m

MAT 4311

(n,2n) α

43-Tc-94m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

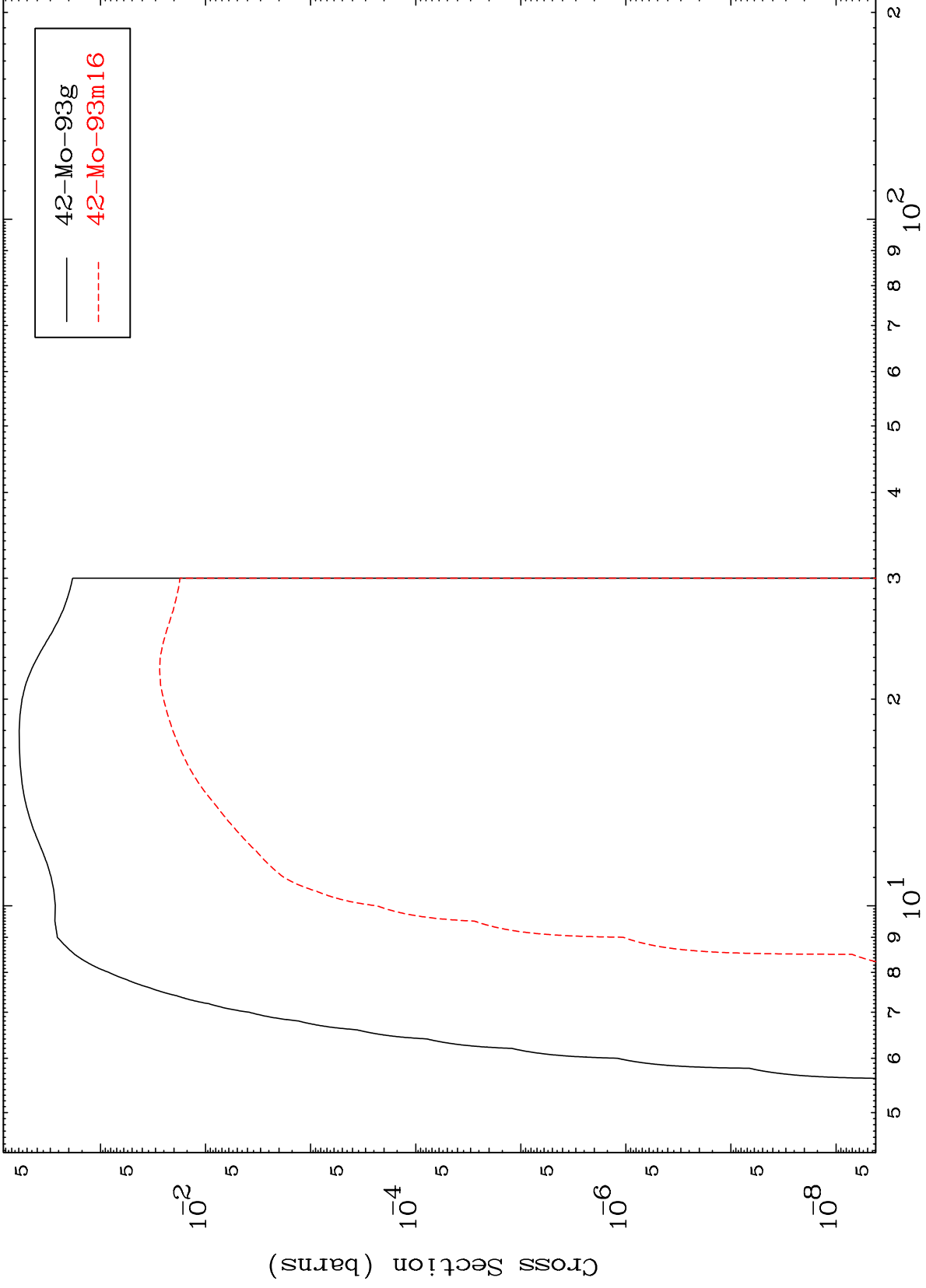
43-Tc-94m

MAT 4311

(n,n') p

43-Tc-94m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

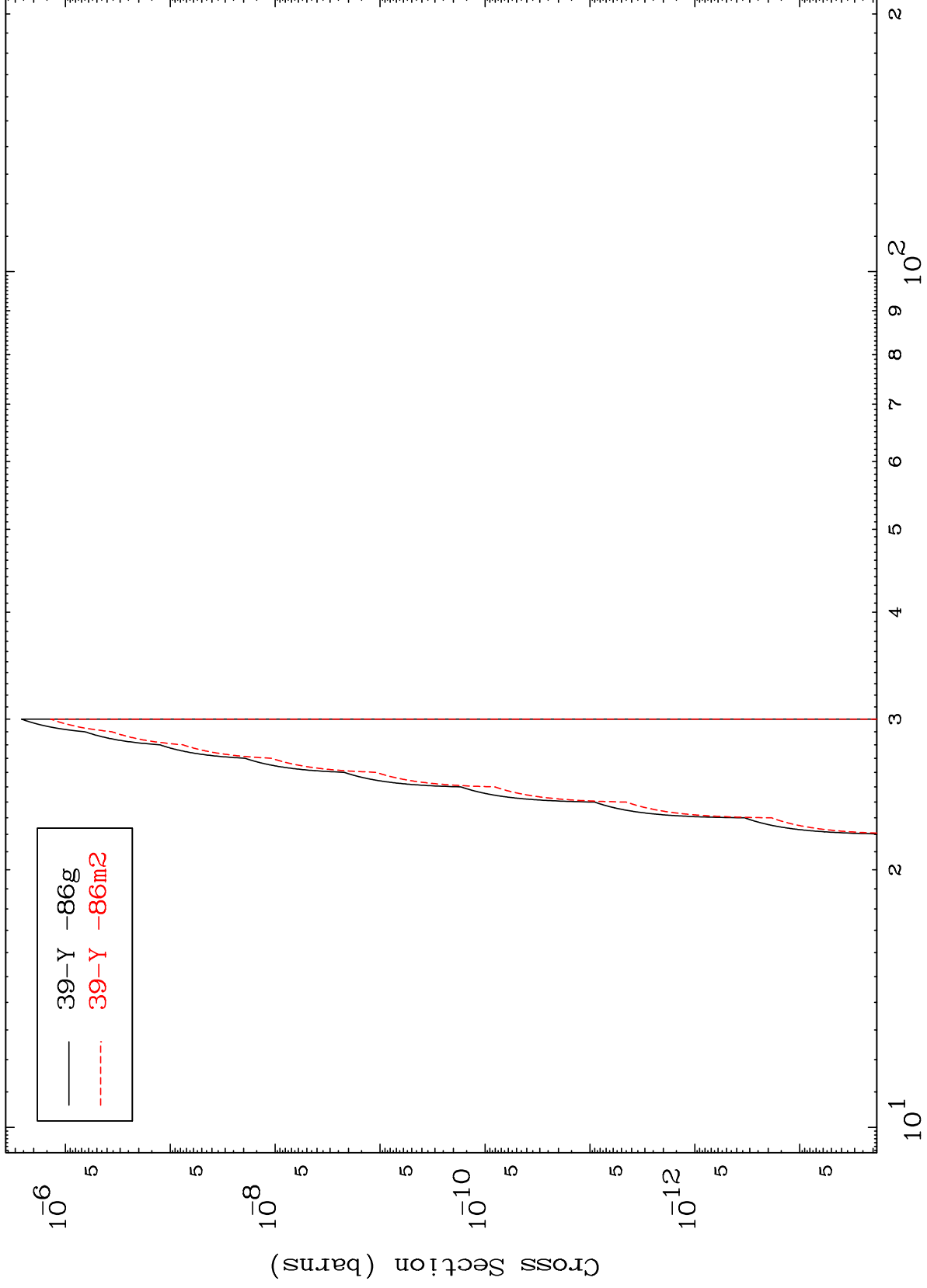
43-Tc-94m

MAT 4311

(n,n') 2α

43-Tc-94m

Radionuclide Production Cross Section



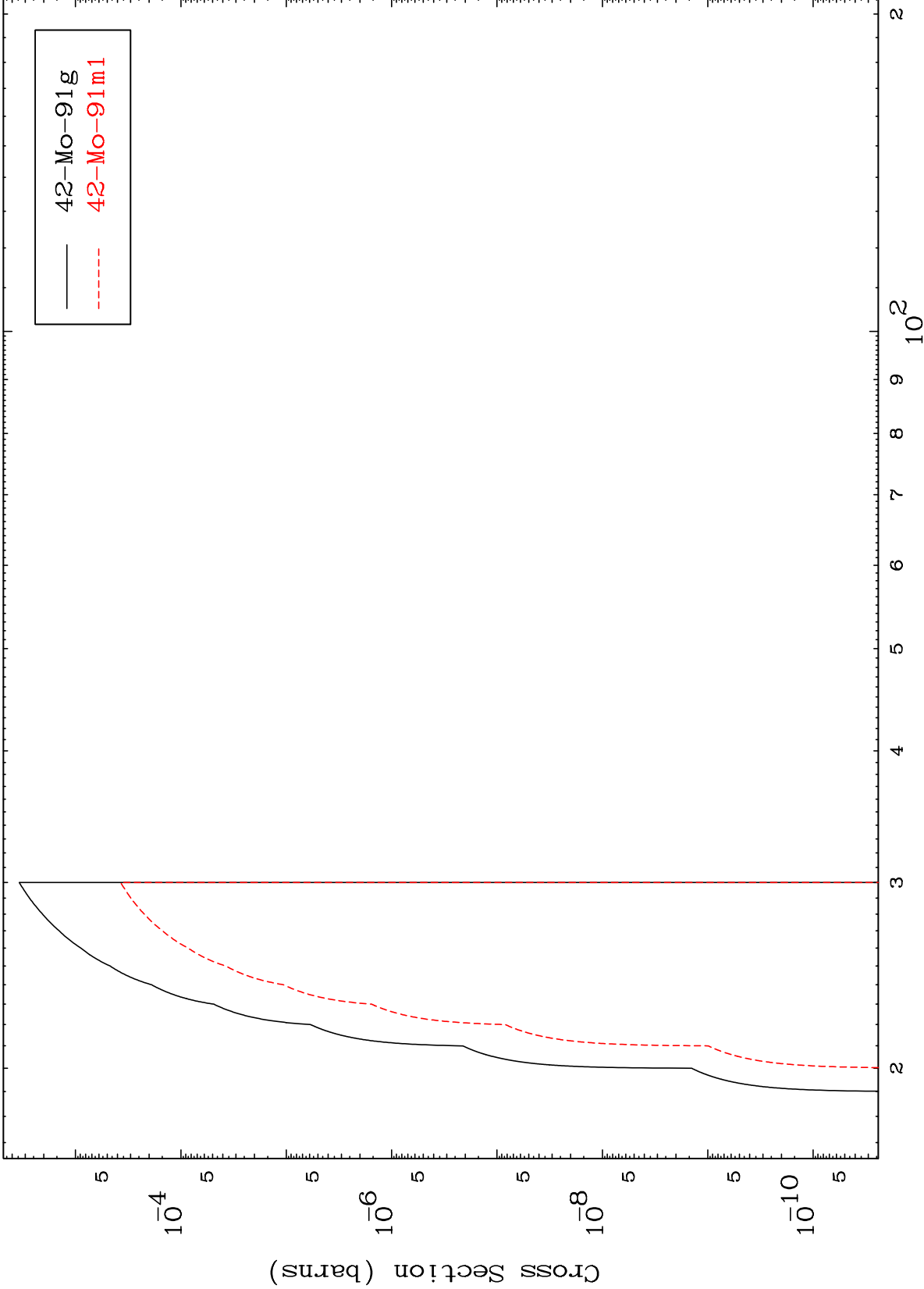
— 39-Y -86g
- - - 39-Y -86m2

Incident Energy (MeV)

43-Tc-94m

26

Radionuclide Production Cross Section



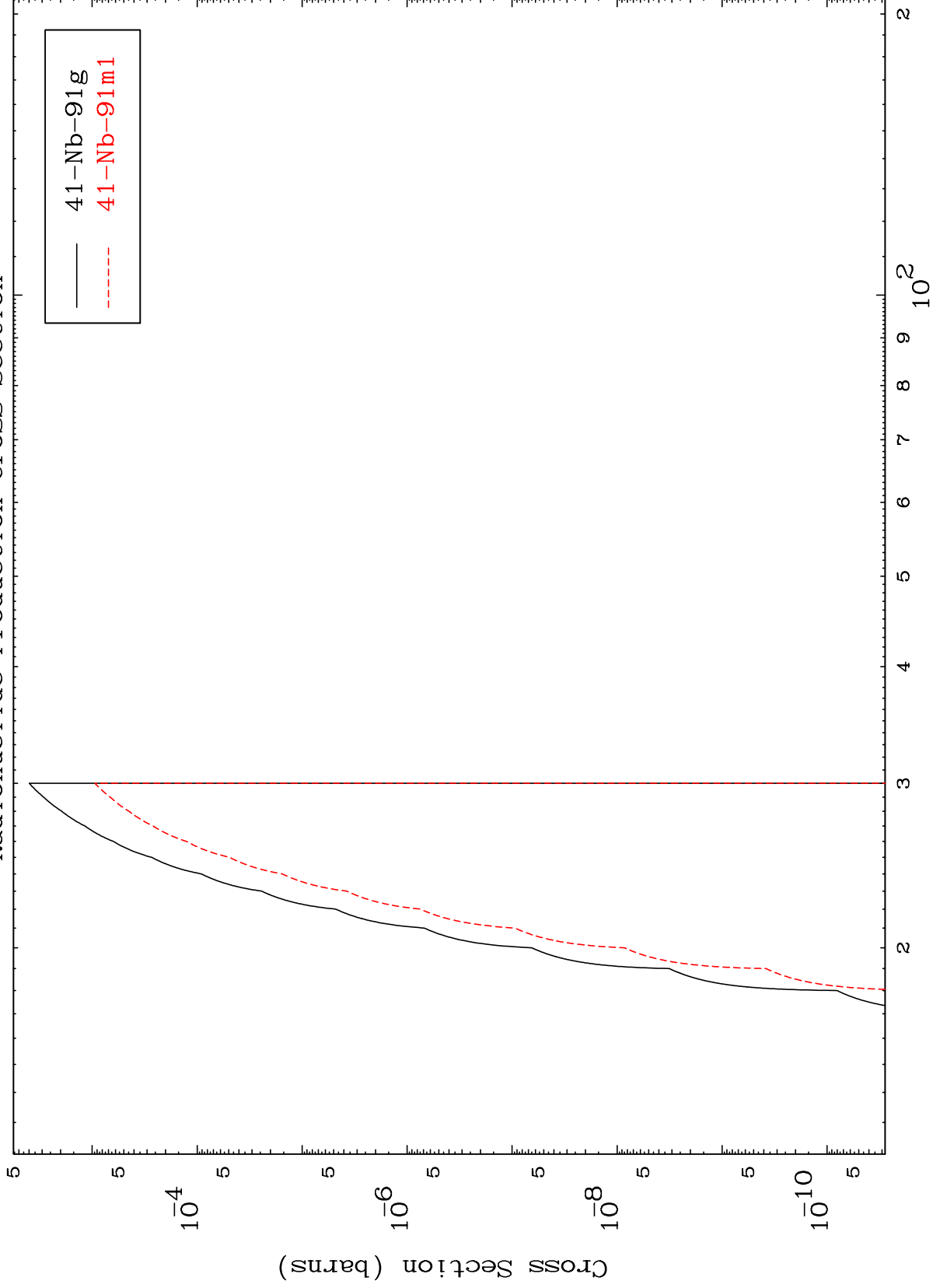
42-Mo-91g
42-Mo-91m1

MAT 4311

(n,n') He-3

43-Tc-94m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

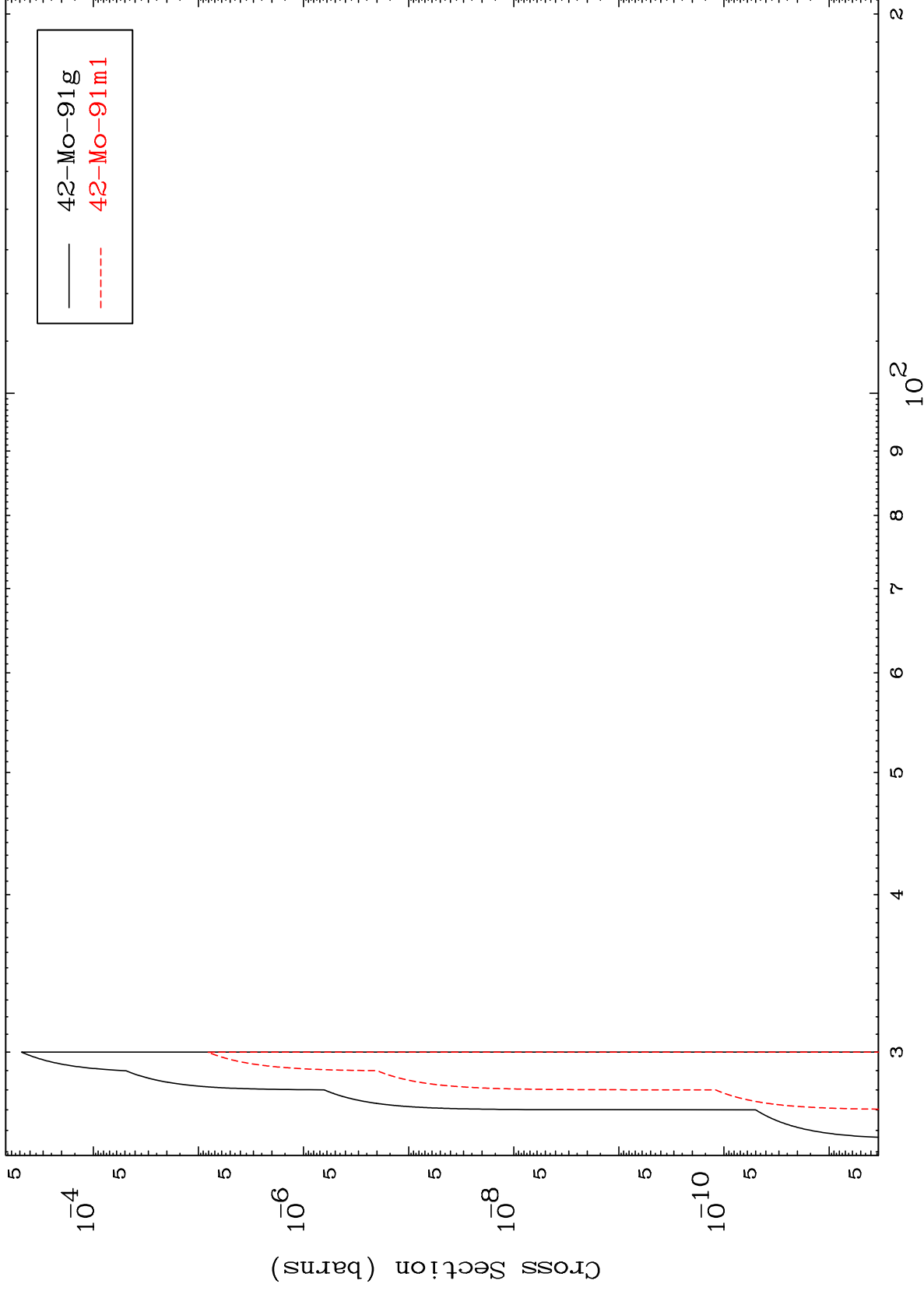
43-Tc-94m

MAT 4311

(n,3n) p

43-Tc-94m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

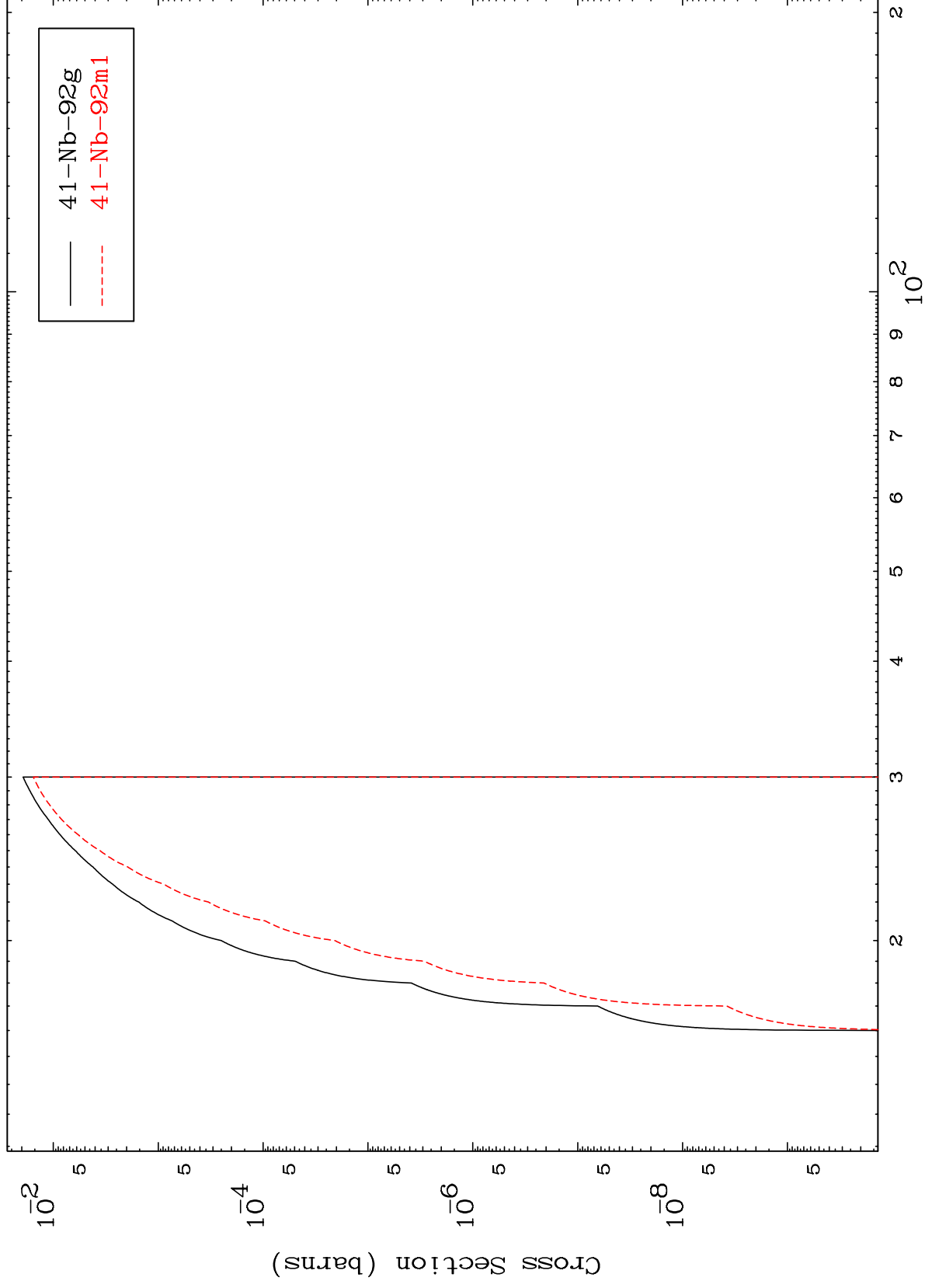
43-Tc-94m

MAT 4311

(n,2n) p

43-Tc-94m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

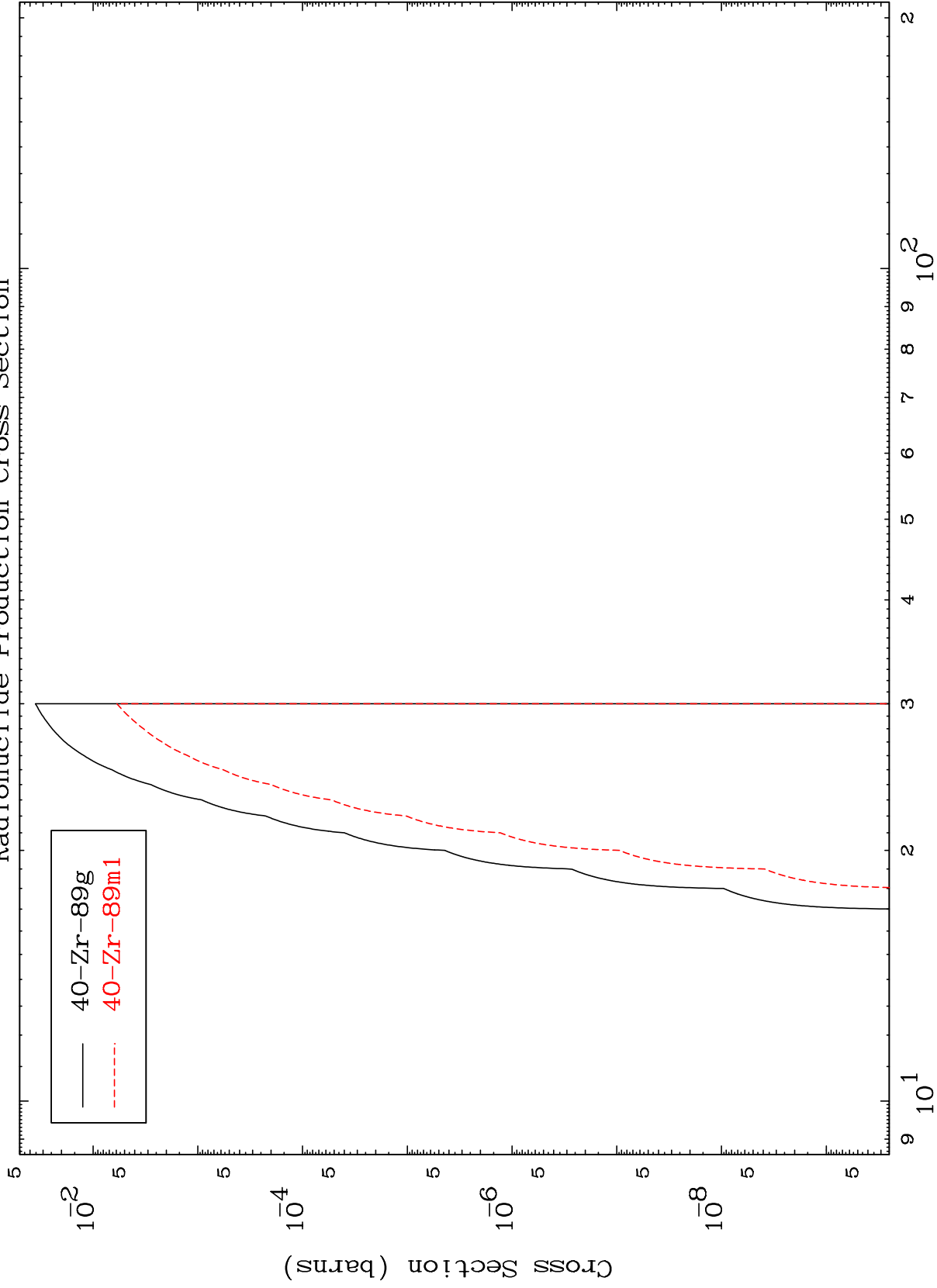
43-Tc-94m

MAT 4311

(n,n') p α

43-Tc-94m

Radionuclide Production Cross Section



31

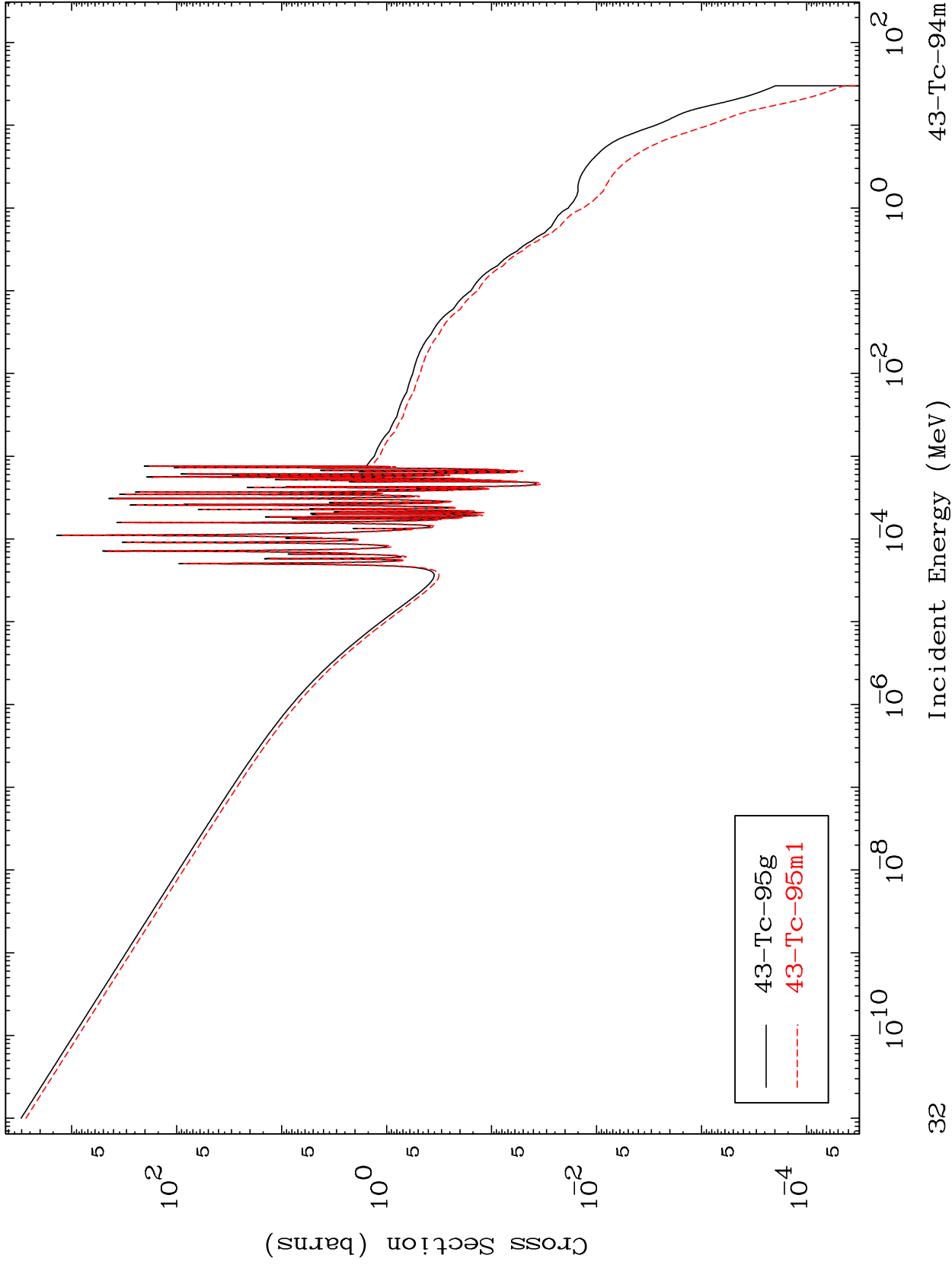
Incident Energy (MeV)

43-Tc-94m

MAT 4311

⁴³Tc-94m

(n,γ)
Radionuclide Production Cross Section



32

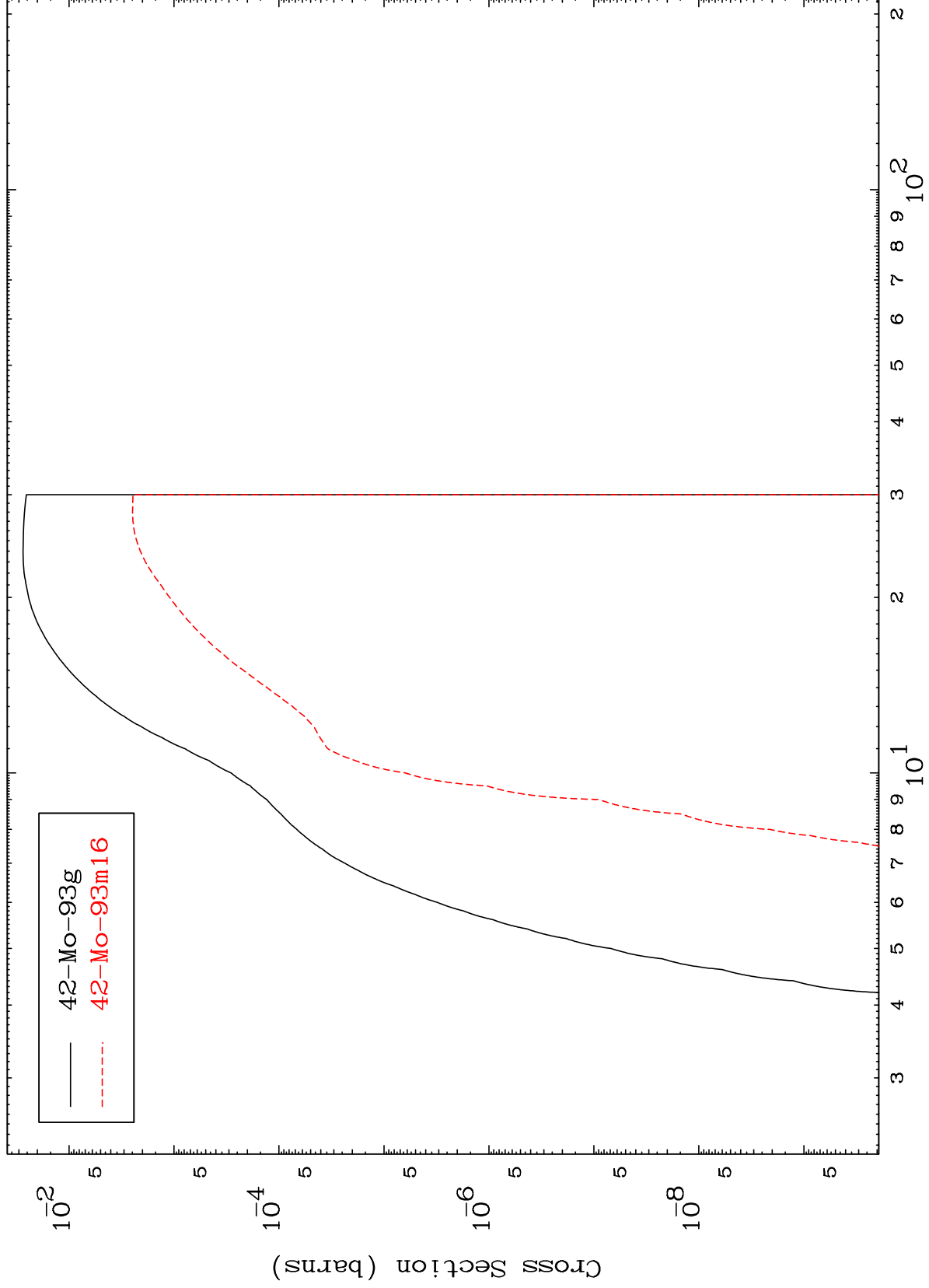
⁴³Tc-94m

MAT 4311

(n,d)

43-Tc-94m

Radionuclide Production Cross Section



33

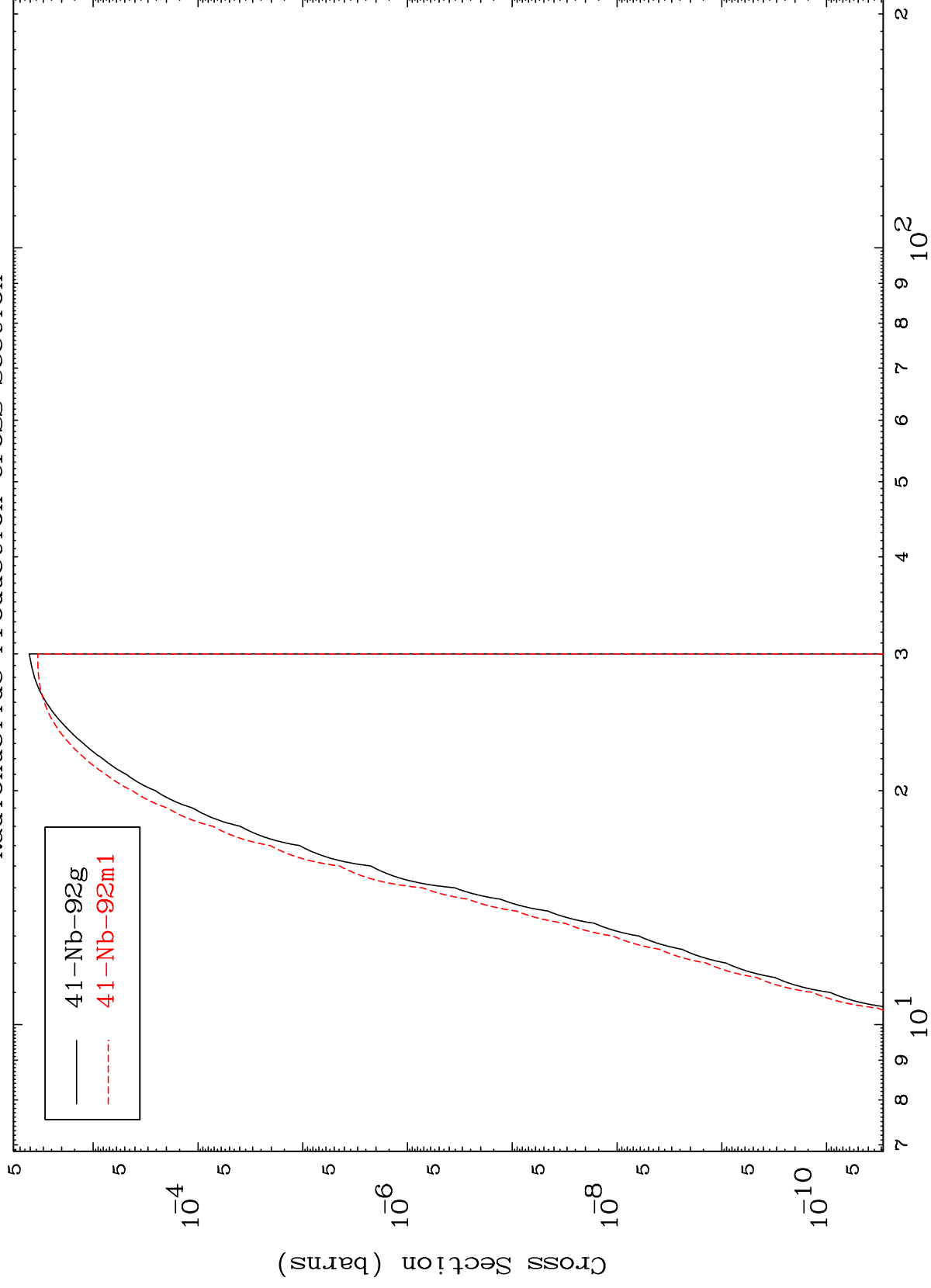
Incident Energy (MeV)

43-Tc-94m

MAT 4311

43-Tc-94m

Radionuclide Production Cross Section
(n,He-3)



34

Incident Energy (MeV)

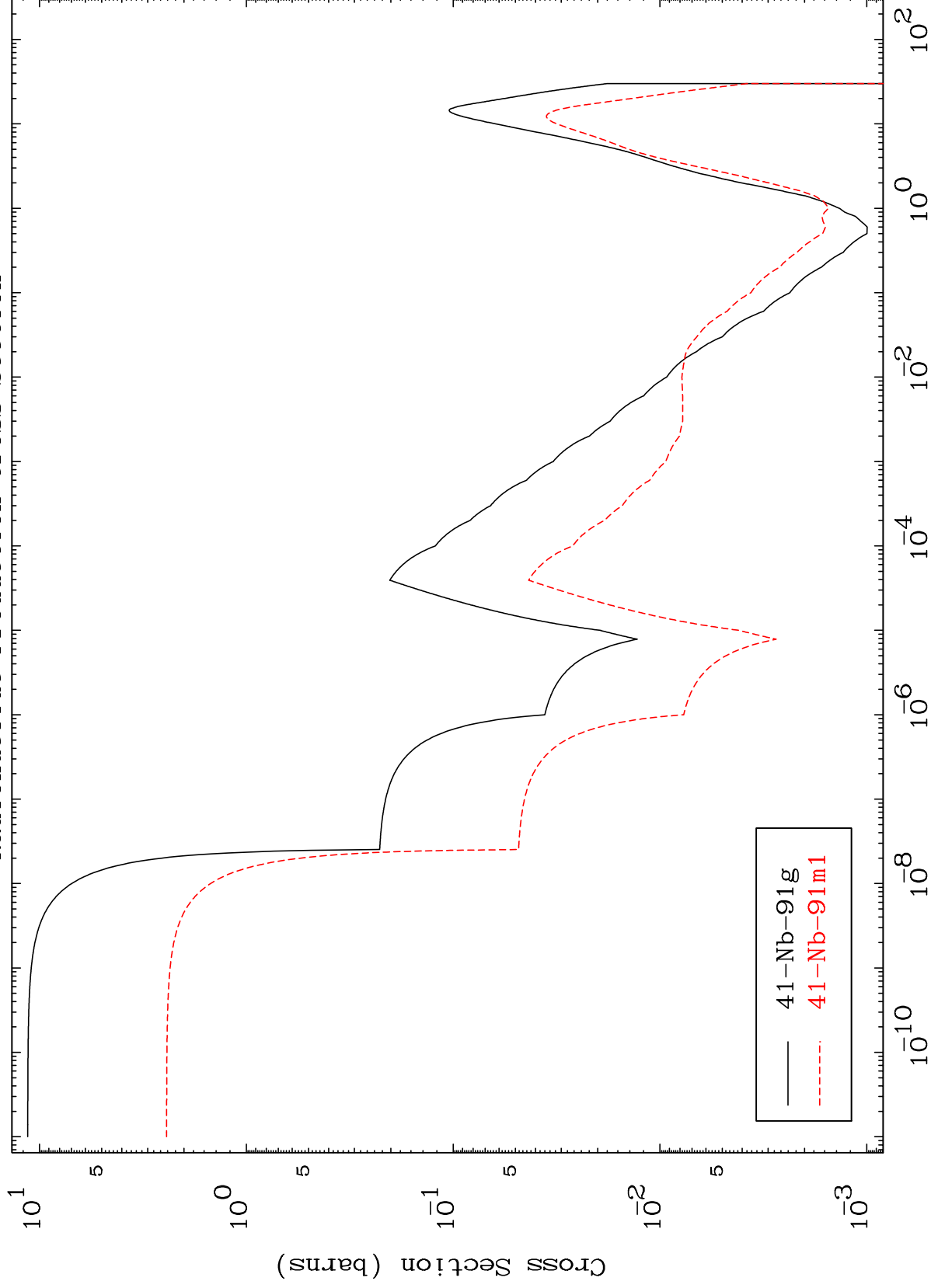
43-Tc-94m

MAT 4311

(n, α)

43-Tc-94m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

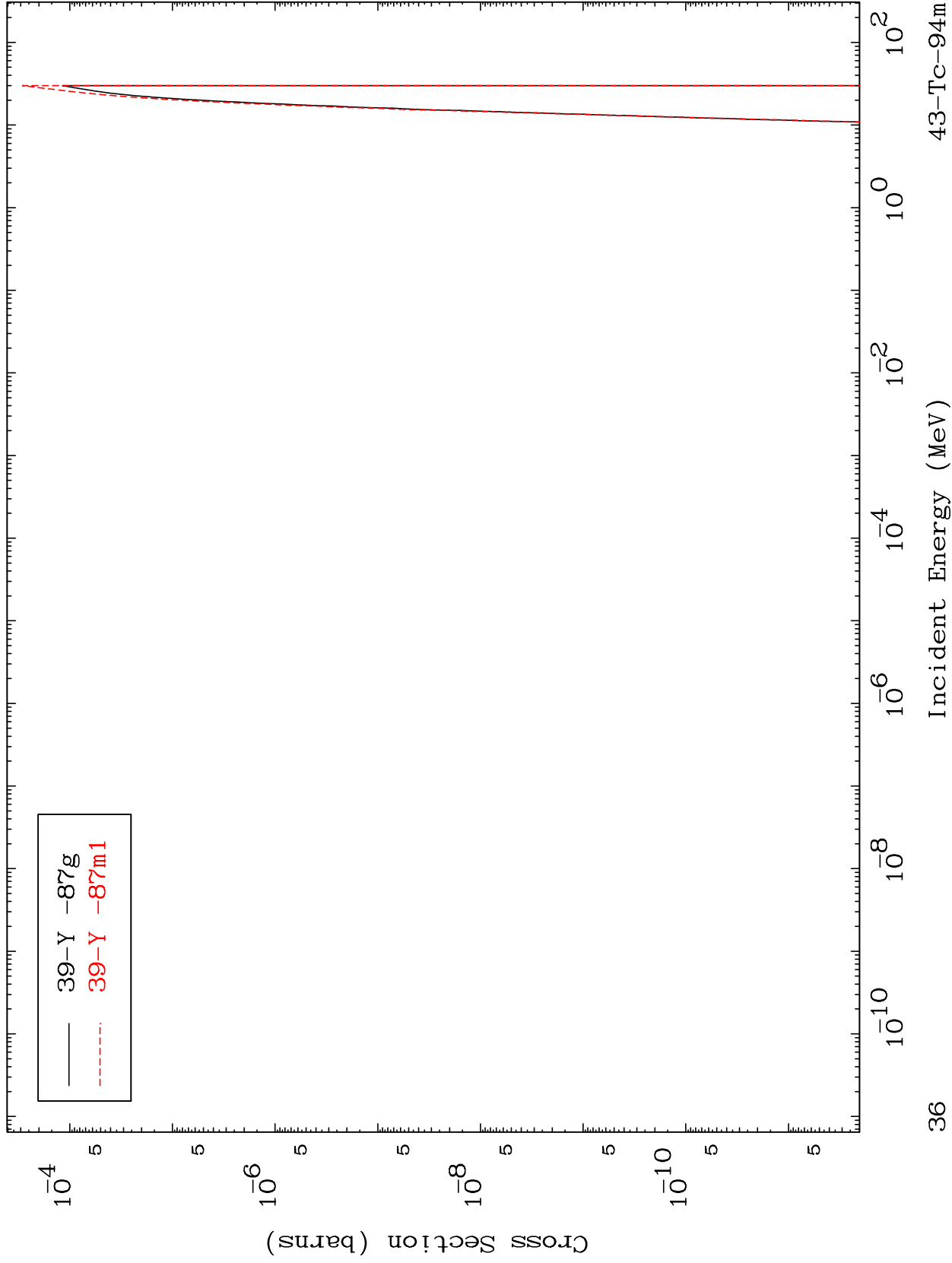
43-Tc-94m

MAT 4311

(n,2α)

43-Tc-94m

Radionuclide Production Cross Section

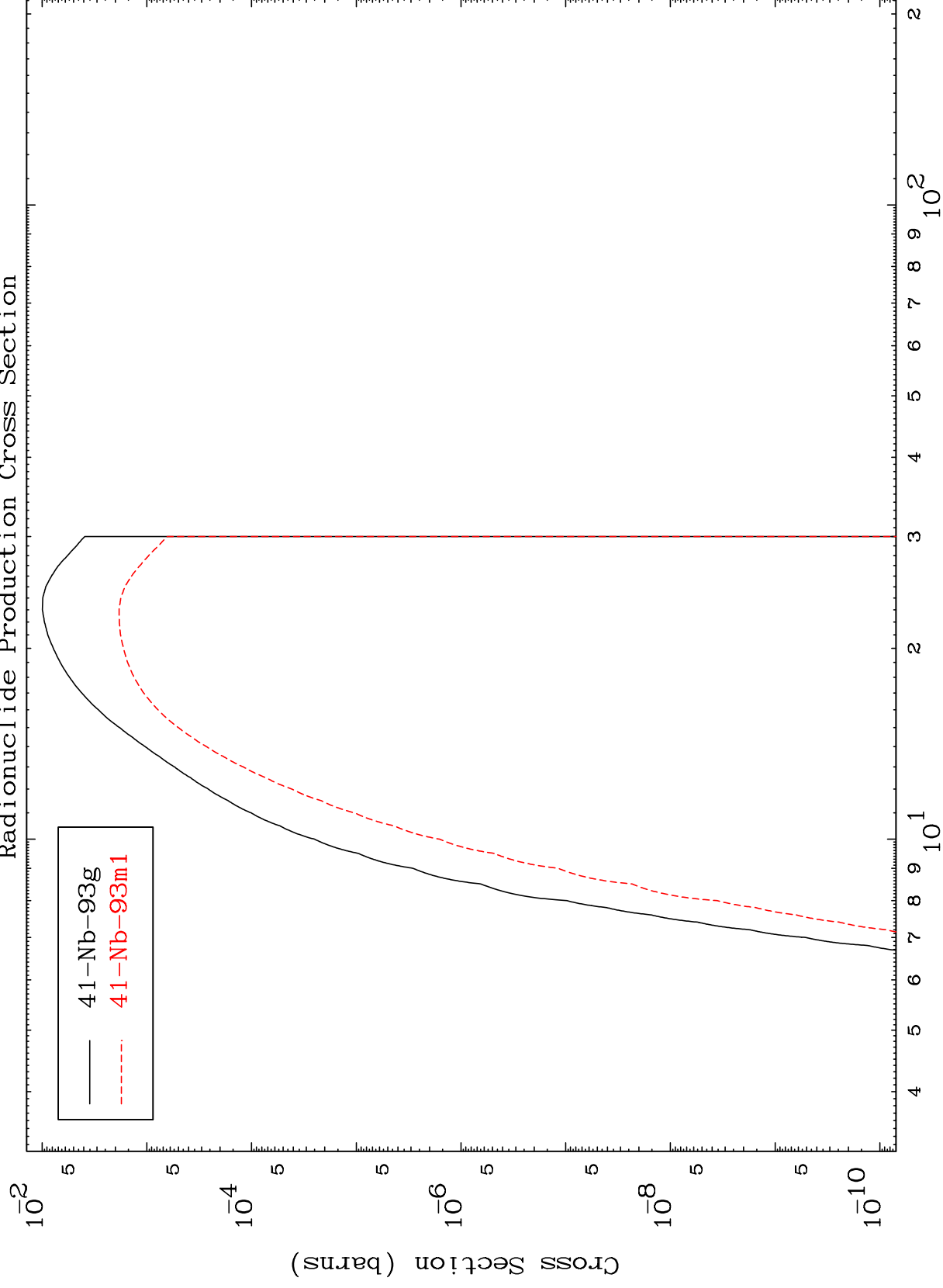


36

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43-Tc-94m

(n,2p)
Radionuclide Production Cross Section



37

Incident Energy (MeV)

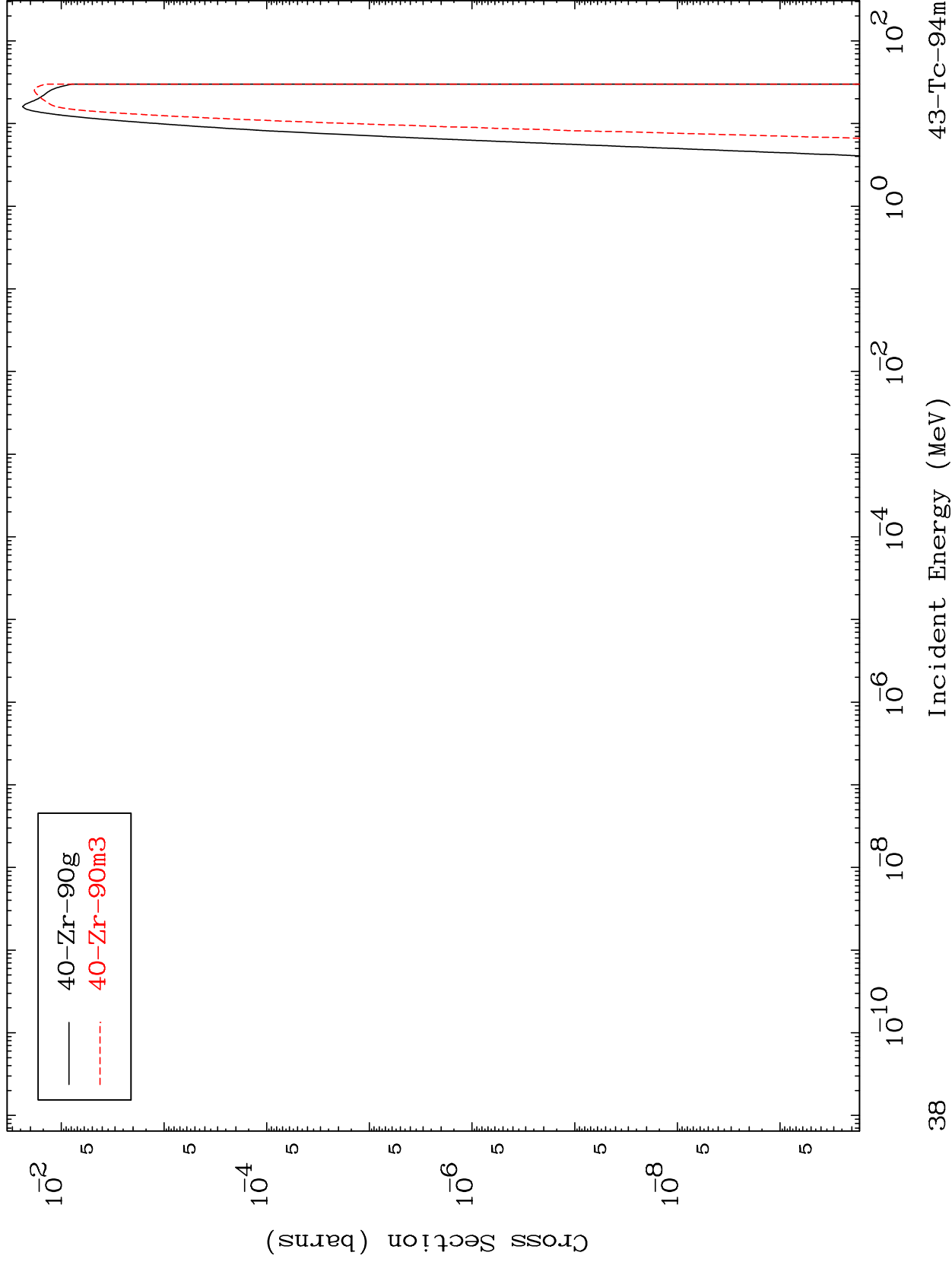
43-Tc-94m

MAT 4311

(n,p) α

$^{43}\text{Tc-94m}$

Radionuclide Production Cross Section

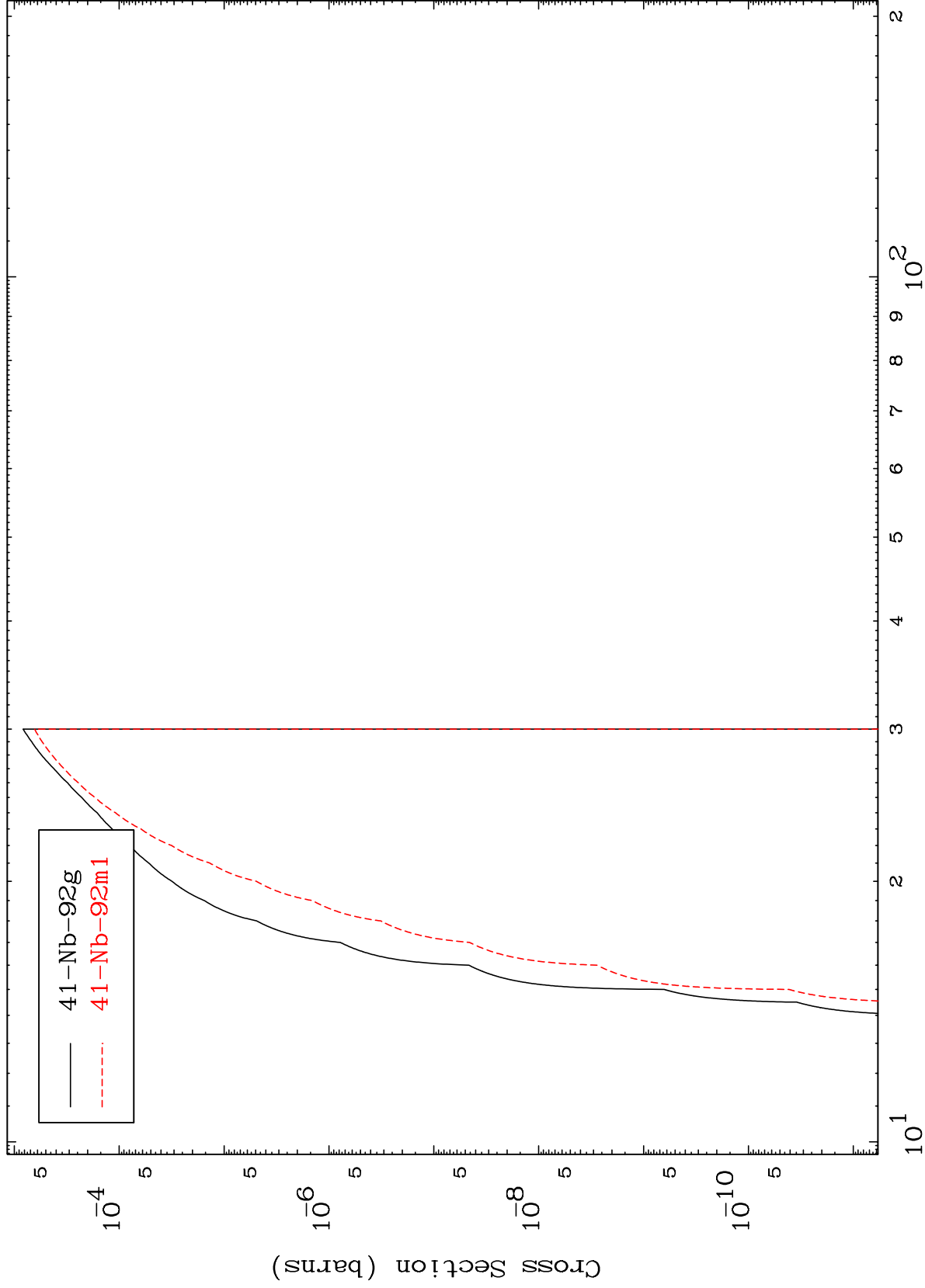


MAT 4311

(n,p) d

43-Tc-94m

Radionuclide Production Cross Section



Incident Energy (MeV)

43-Tc-94m

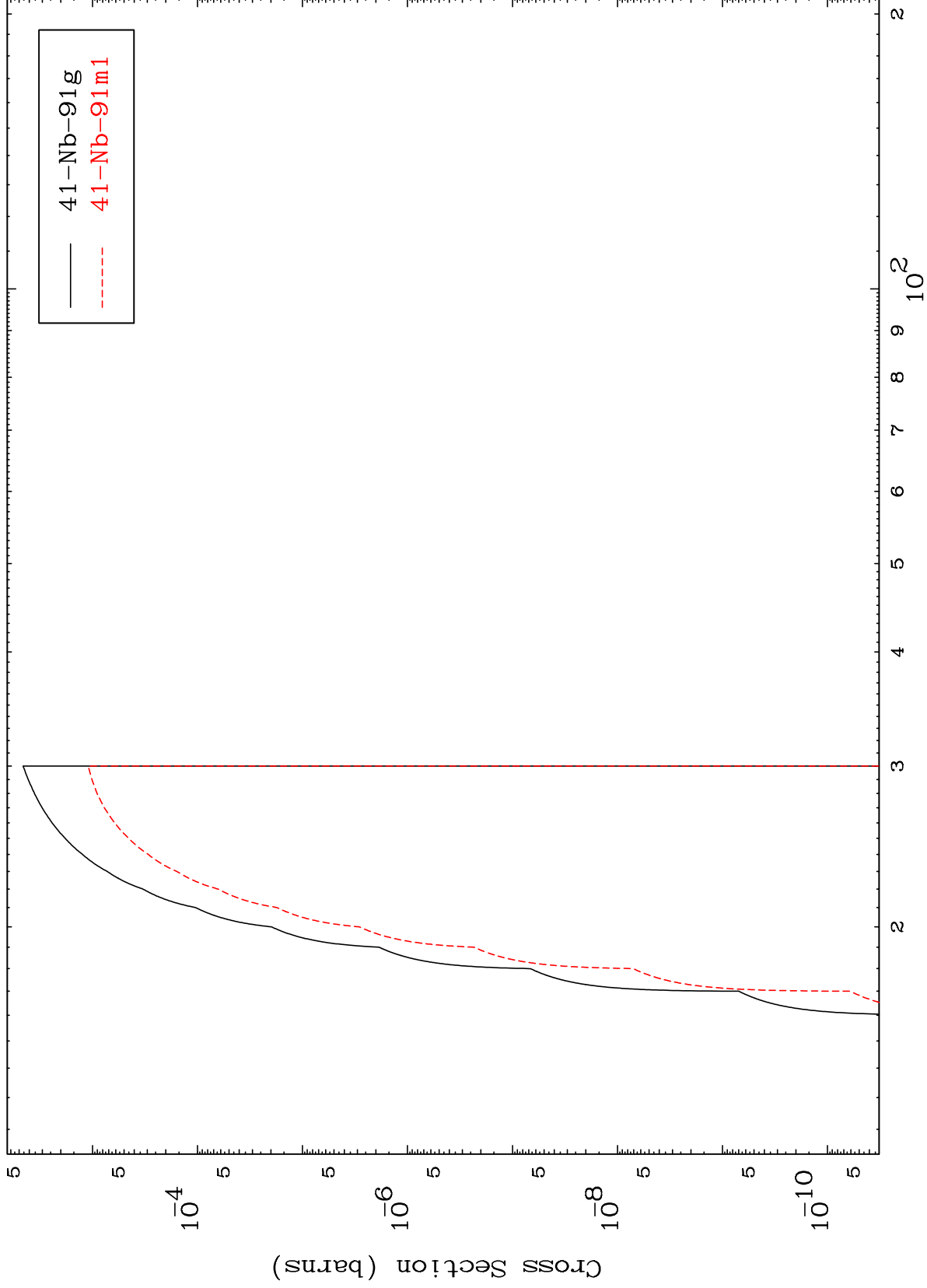
39

MAT 4311

(n,p) t

43-Tc-94m

Radionuclide Production Cross Section



40

Incident Energy (MeV)

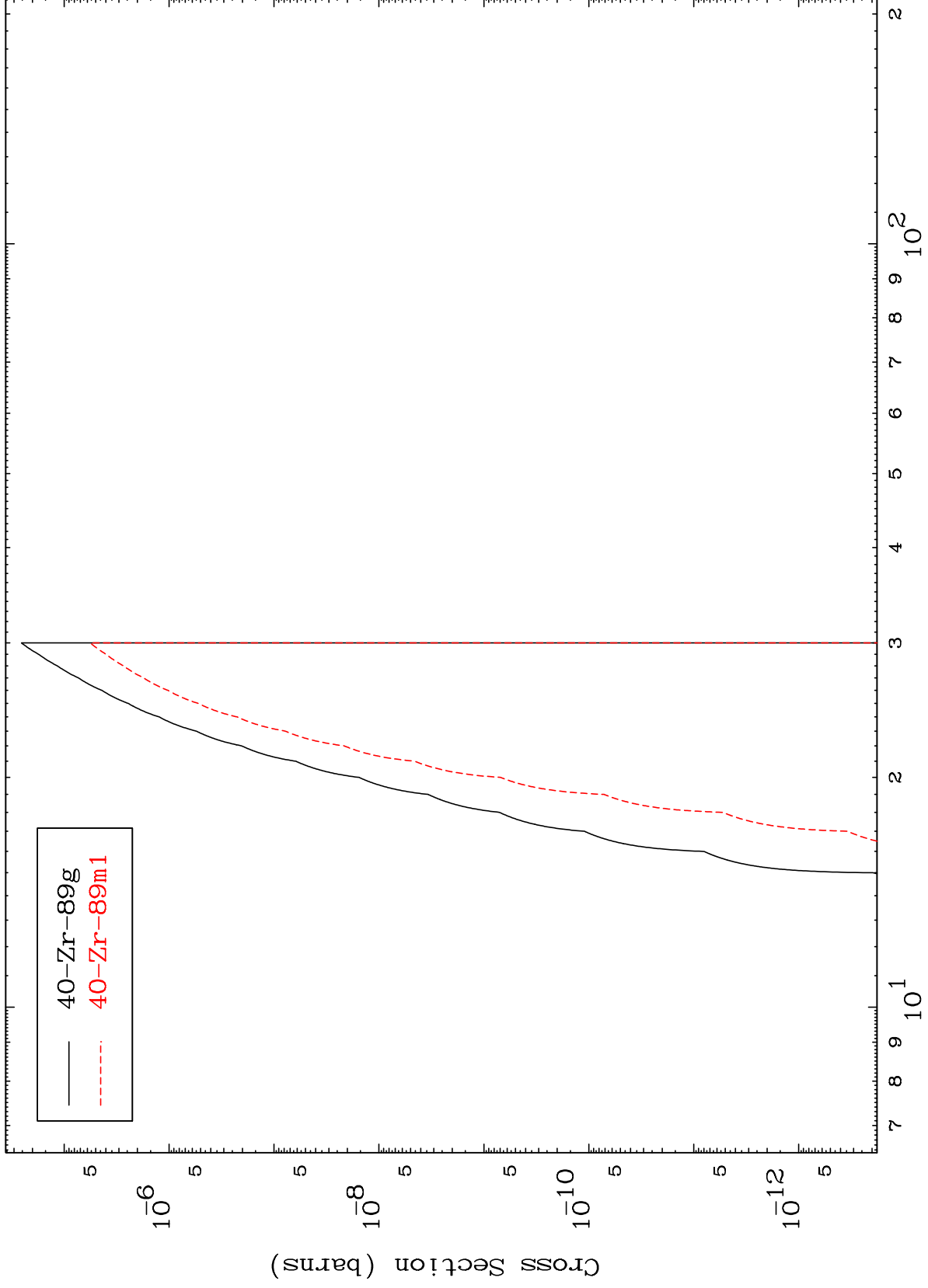
43-Tc-94m

MAT 4311

(n,d) α

$^{43}\text{Tc-94m}$

Radionuclide Production Cross Section



41

Incident Energy (MeV)

$^{43}\text{Tc-94m}$