

Program EVALPLOT
(Version 2015-2)

by

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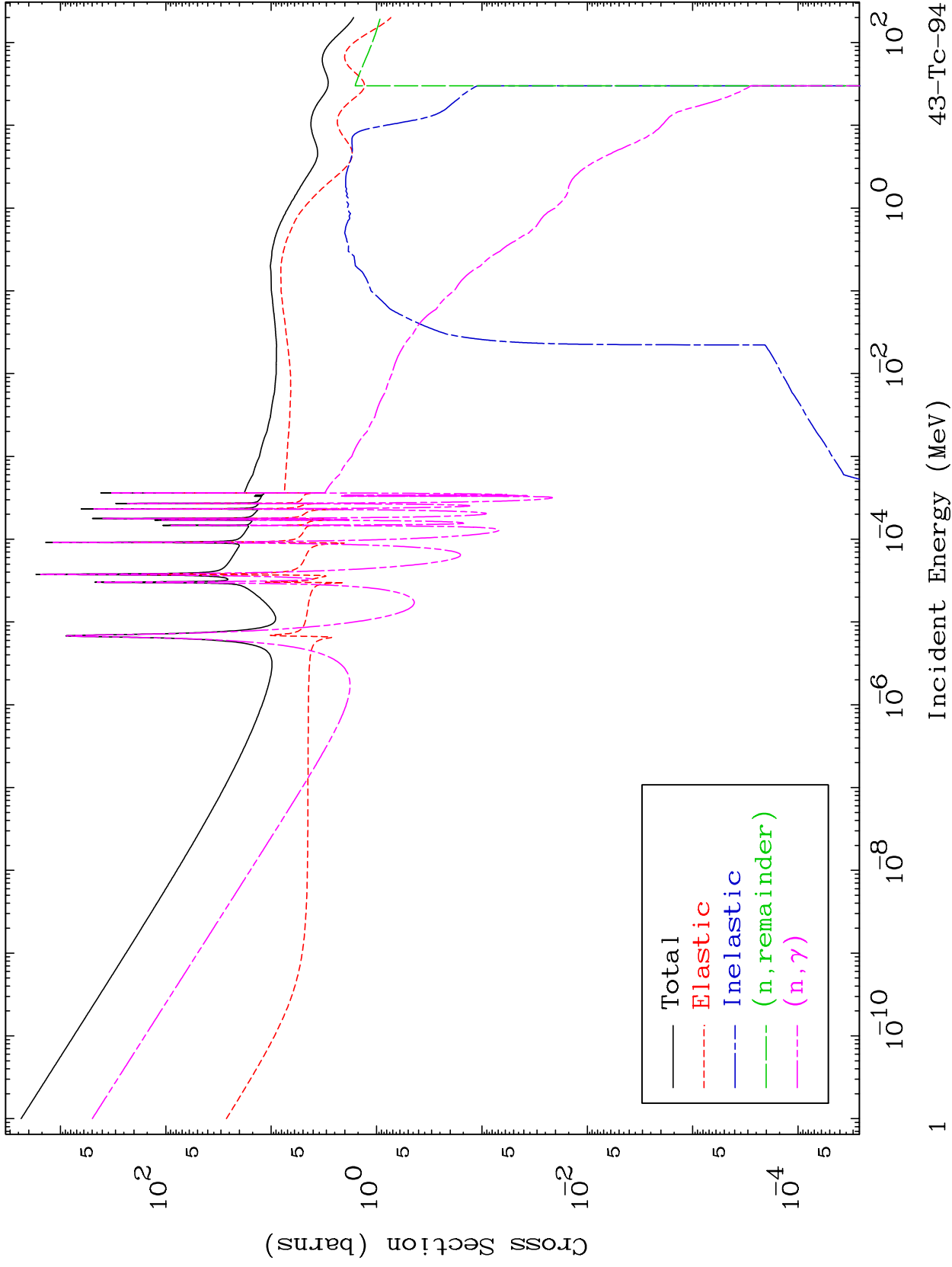
Press Mouse Button to Start

MAT 4311

Major

293 Kelvin Cross Sections

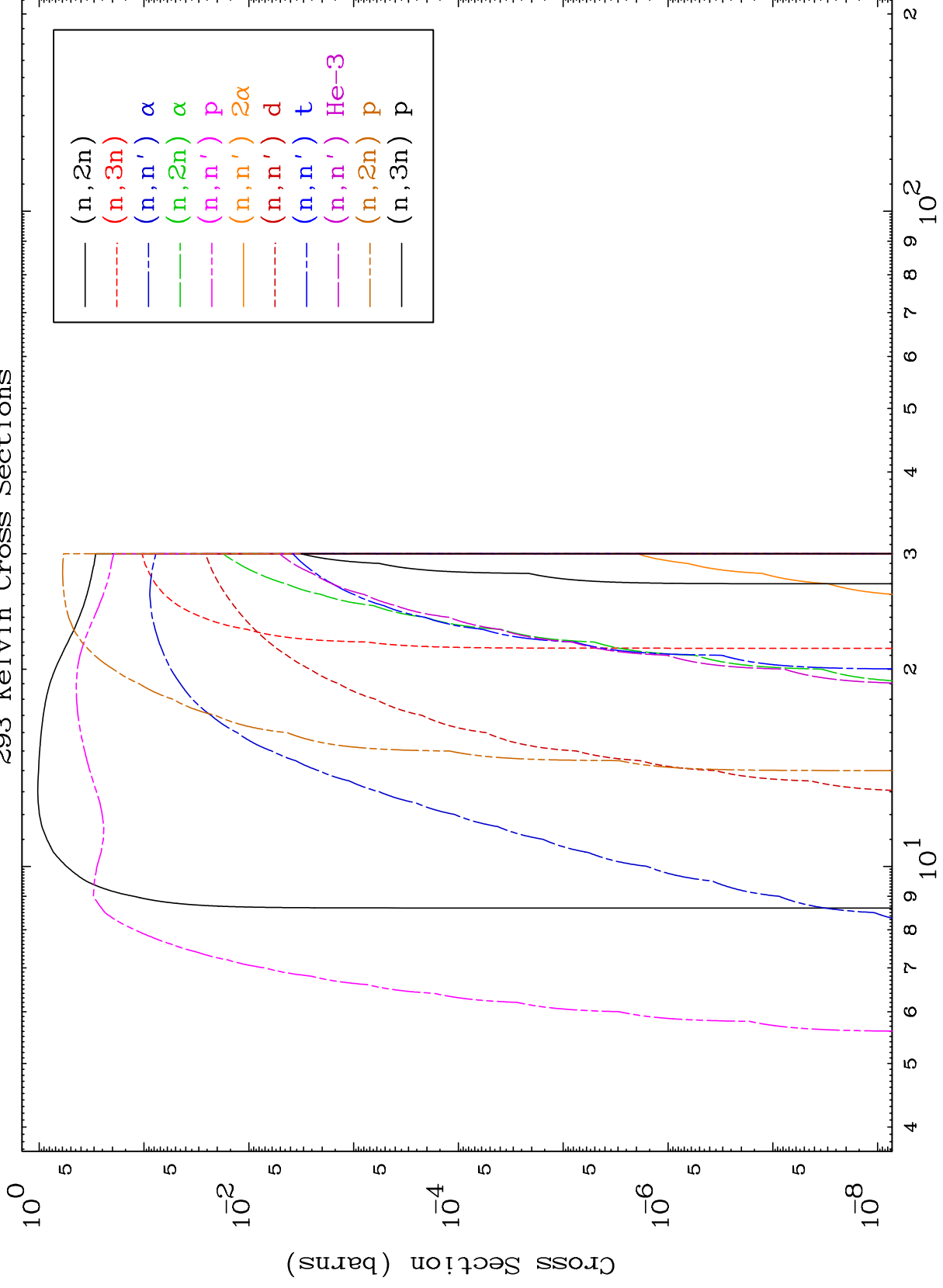
43-Tc-94



MAT 4311

Neutron Production
293 Kelvin Cross Sections

43-Tc-94



2

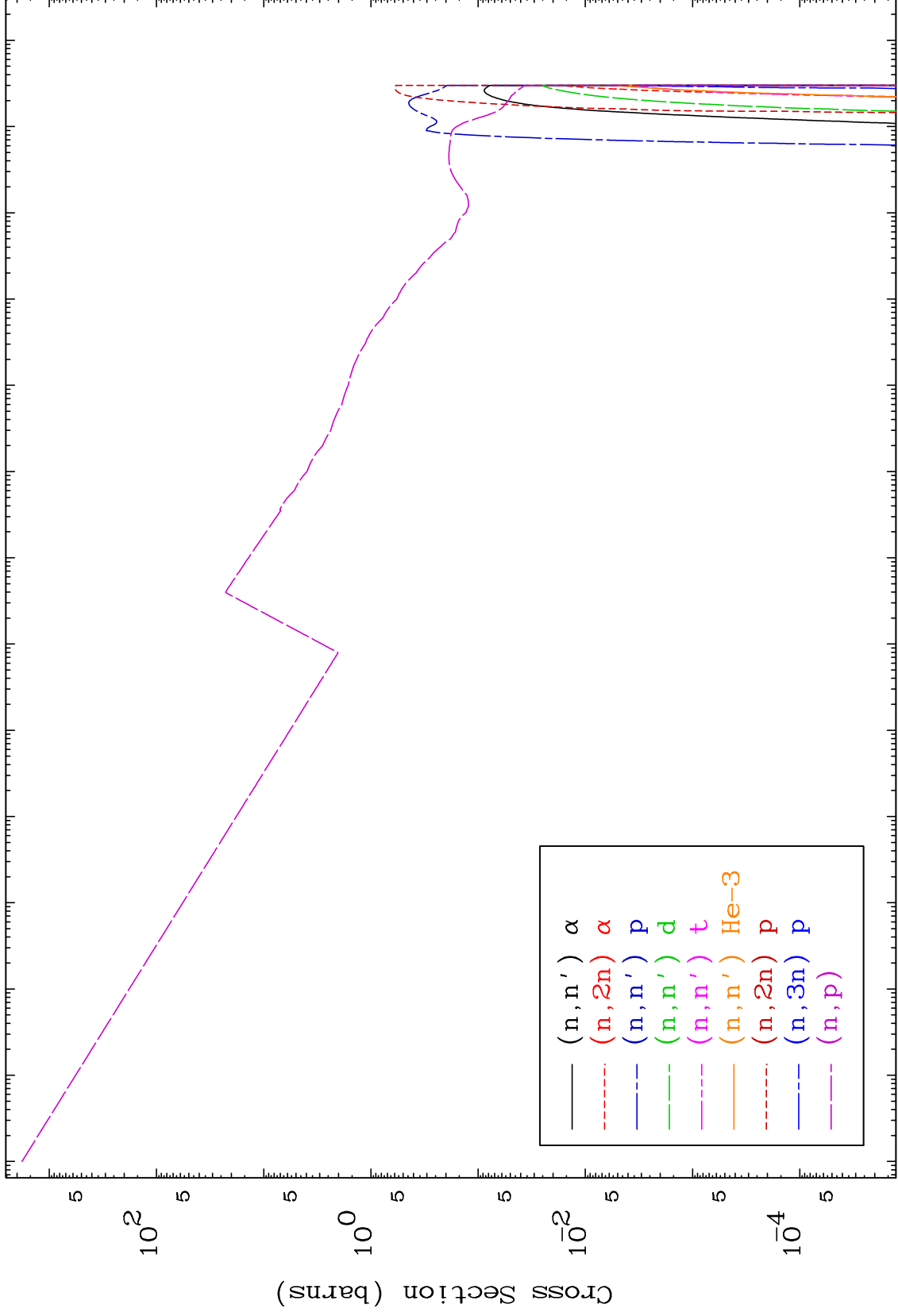
Incident Energy (MeV)

43-Tc-94

MAT 4311

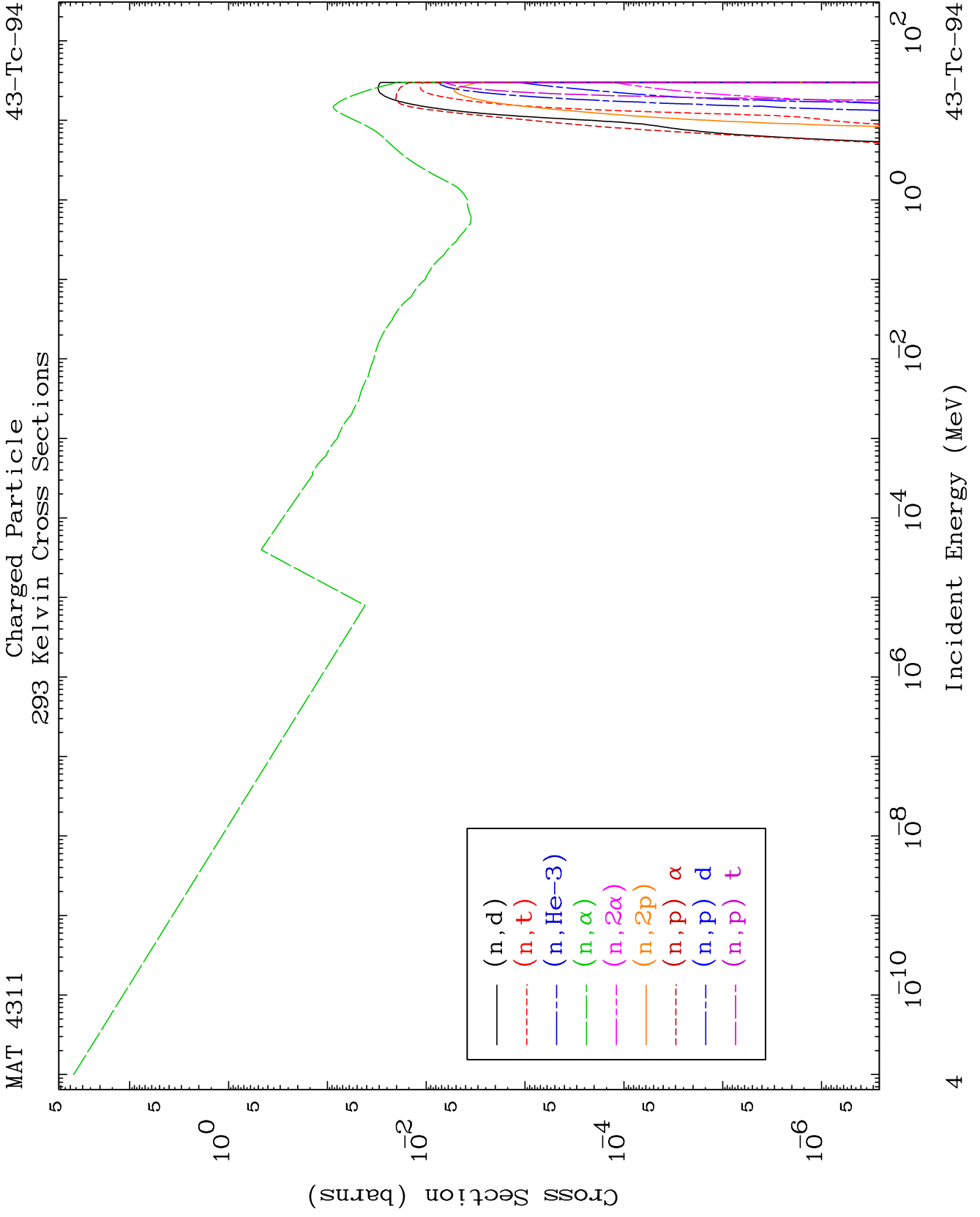
Charged Particle
293 Kelvin Cross Sections

43-Tc-94



43-Tc-94

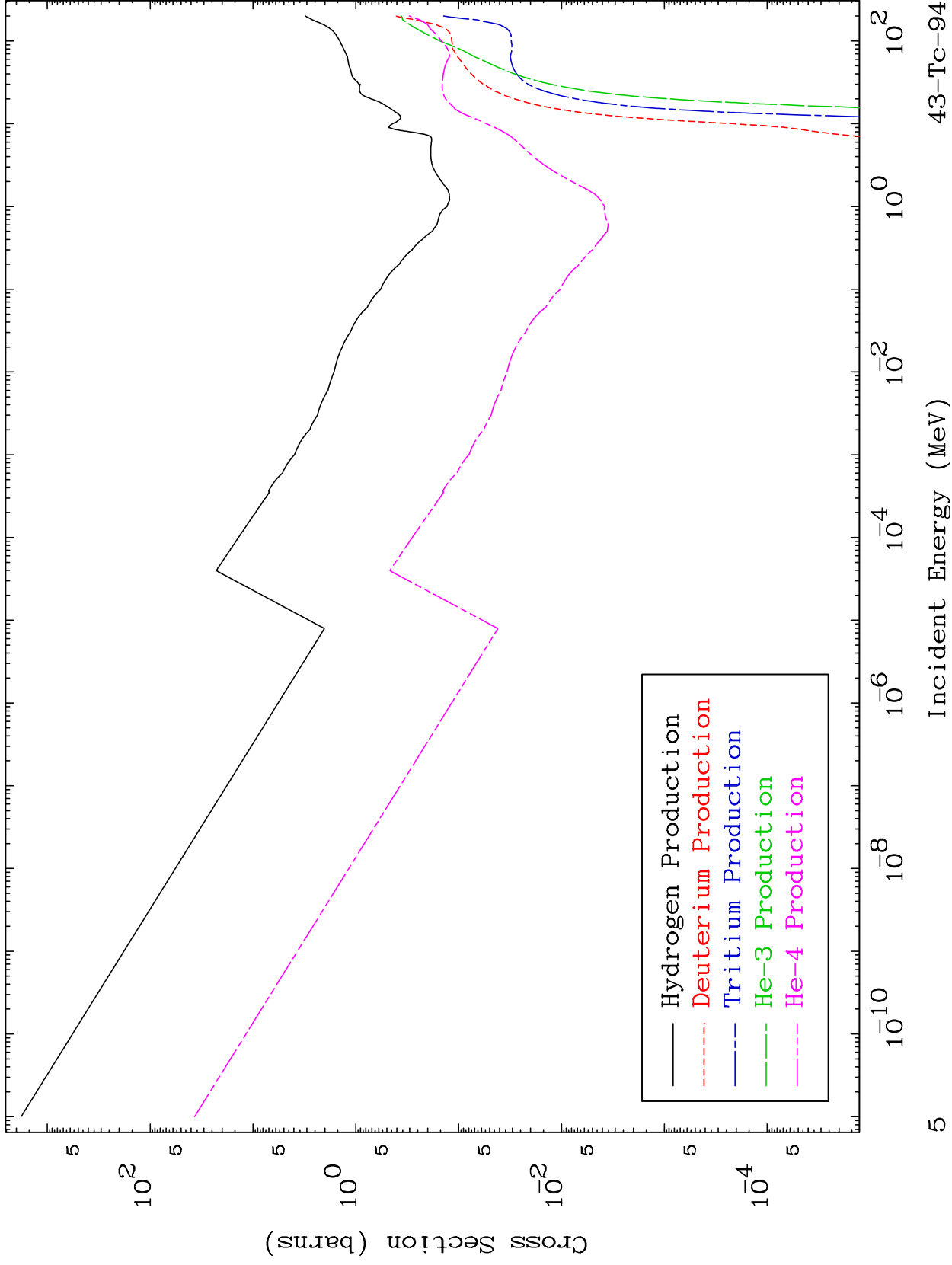
Incident Energy (MeV)



MAT 4311

Particle Production
293 Kelvin Cross Sections

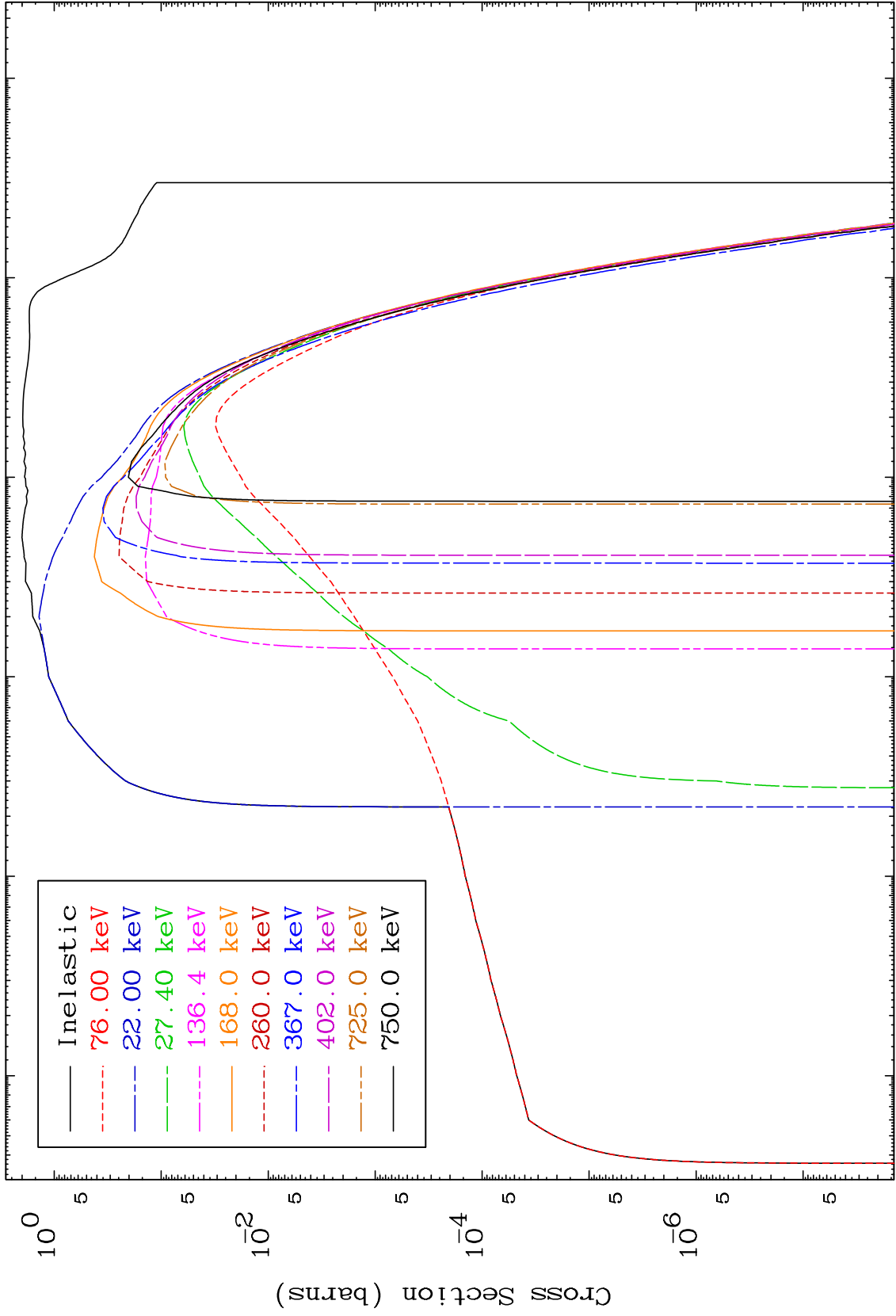
43-Tc-94



MAT 4311

43-Tc-94

(n,n') Level
293 Kelvin Cross Sections



43-Tc-94

Incident Energy (MeV)

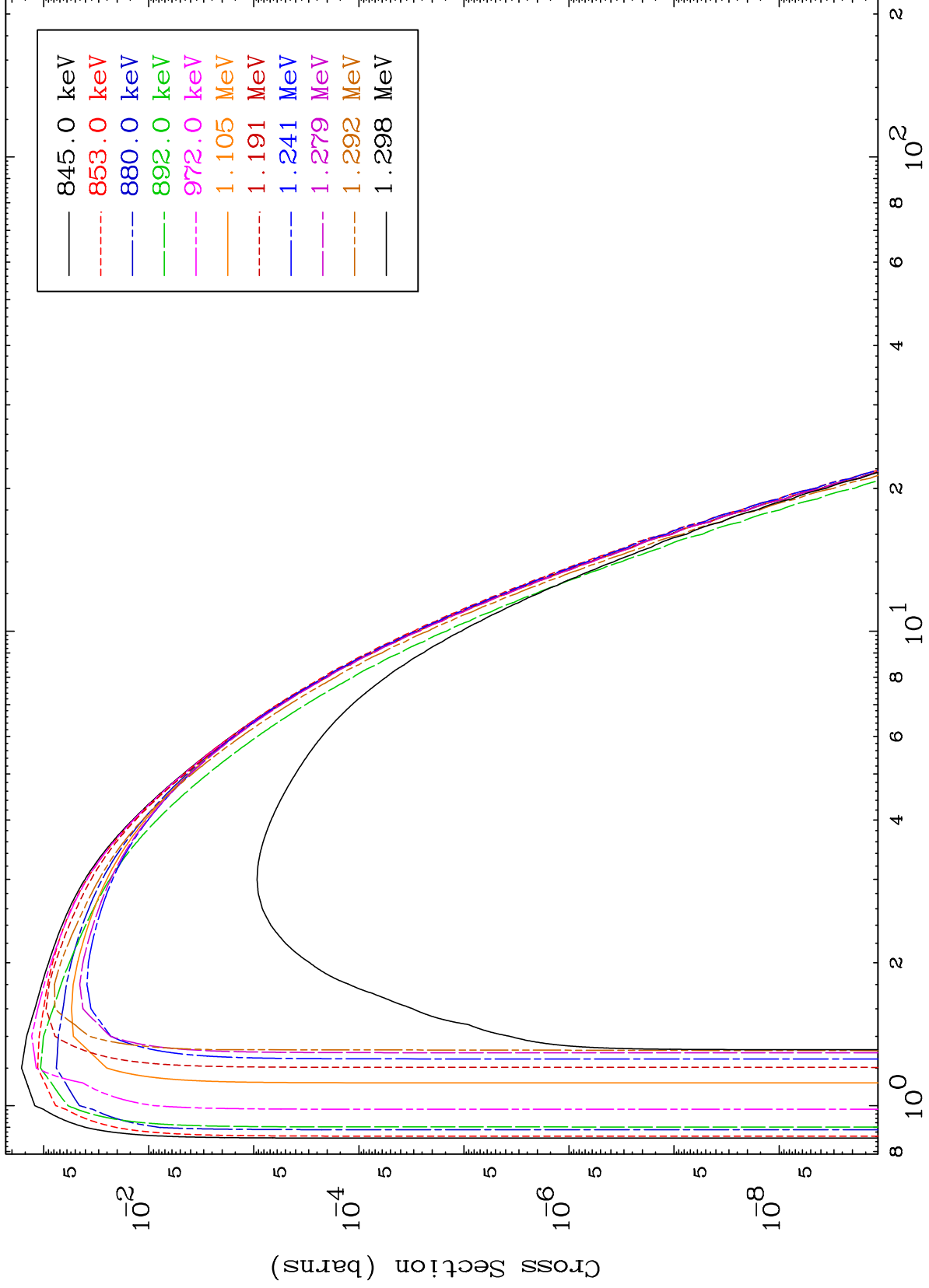
6

MAT 4311

(n,n') Level

43-Tc-94

293 Kelvin Cross Sections



Incident Energy (MeV)

43-Tc-94

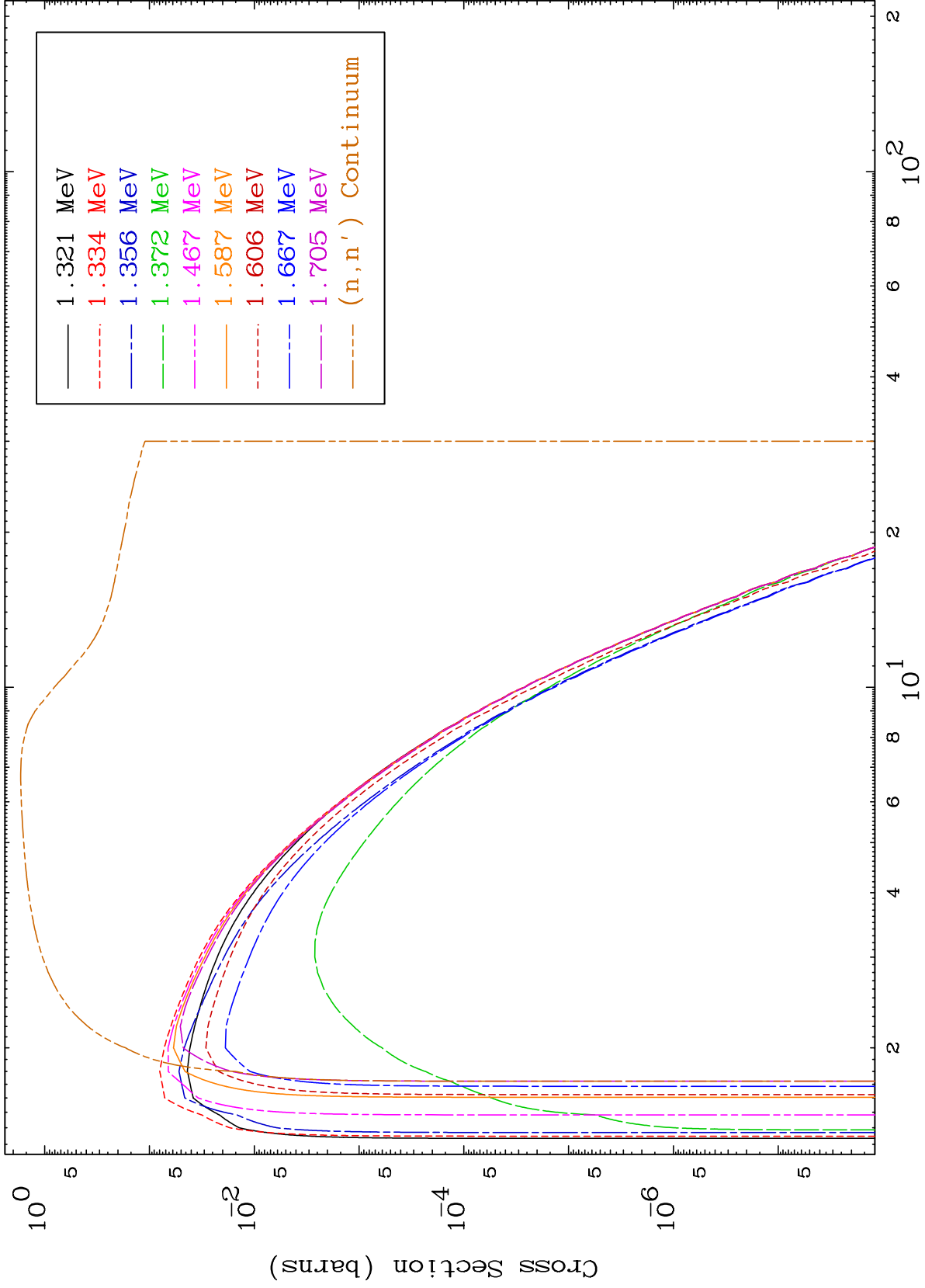
7

MAT 4311

(n,n') Level

43-Tc-94

293 Kelvin Cross Sections



8

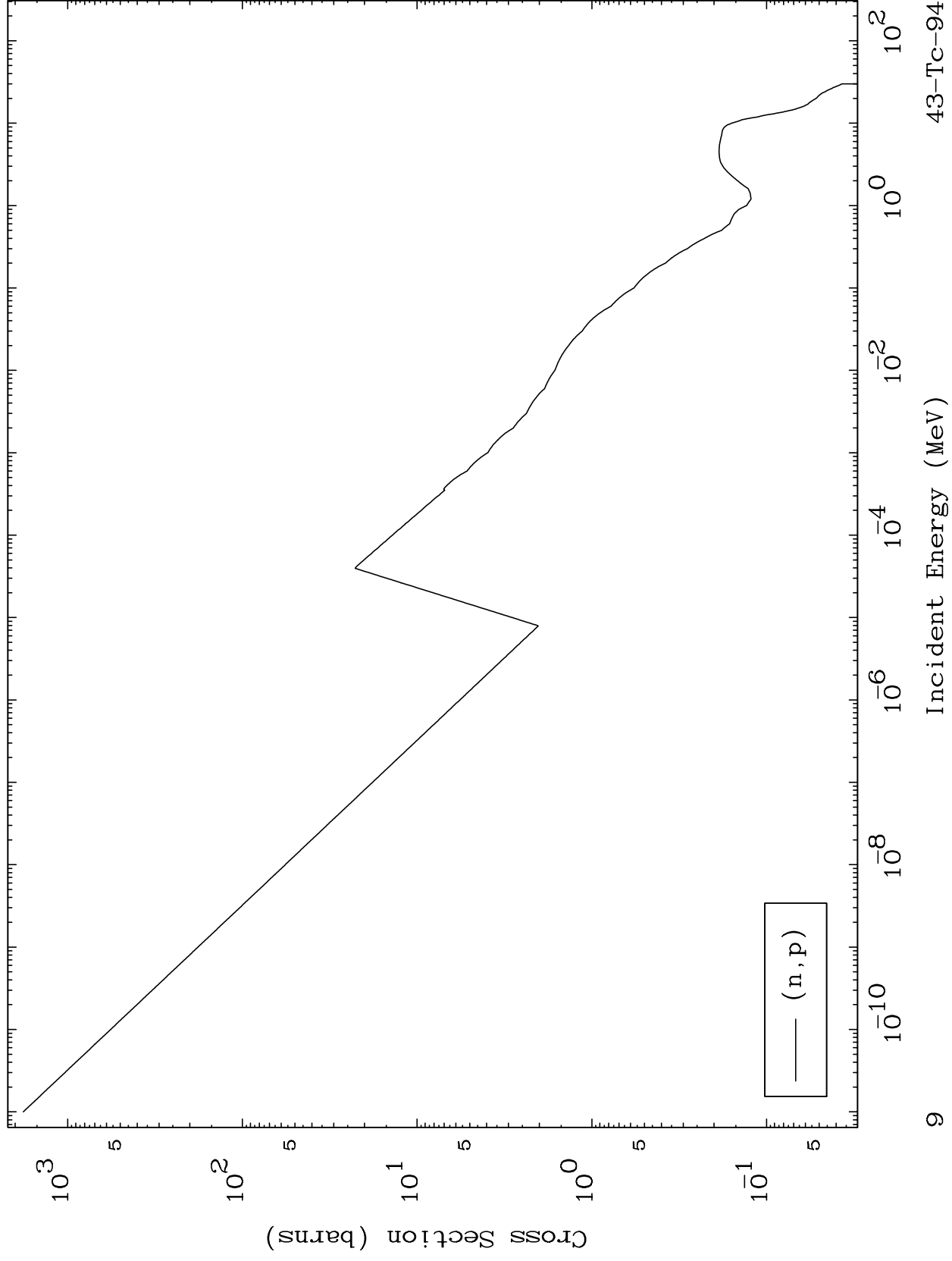
Incident Energy (MeV)

43-Tc-94

MAT 4311

(n,p) Levels
293 Kelvin Cross Sections

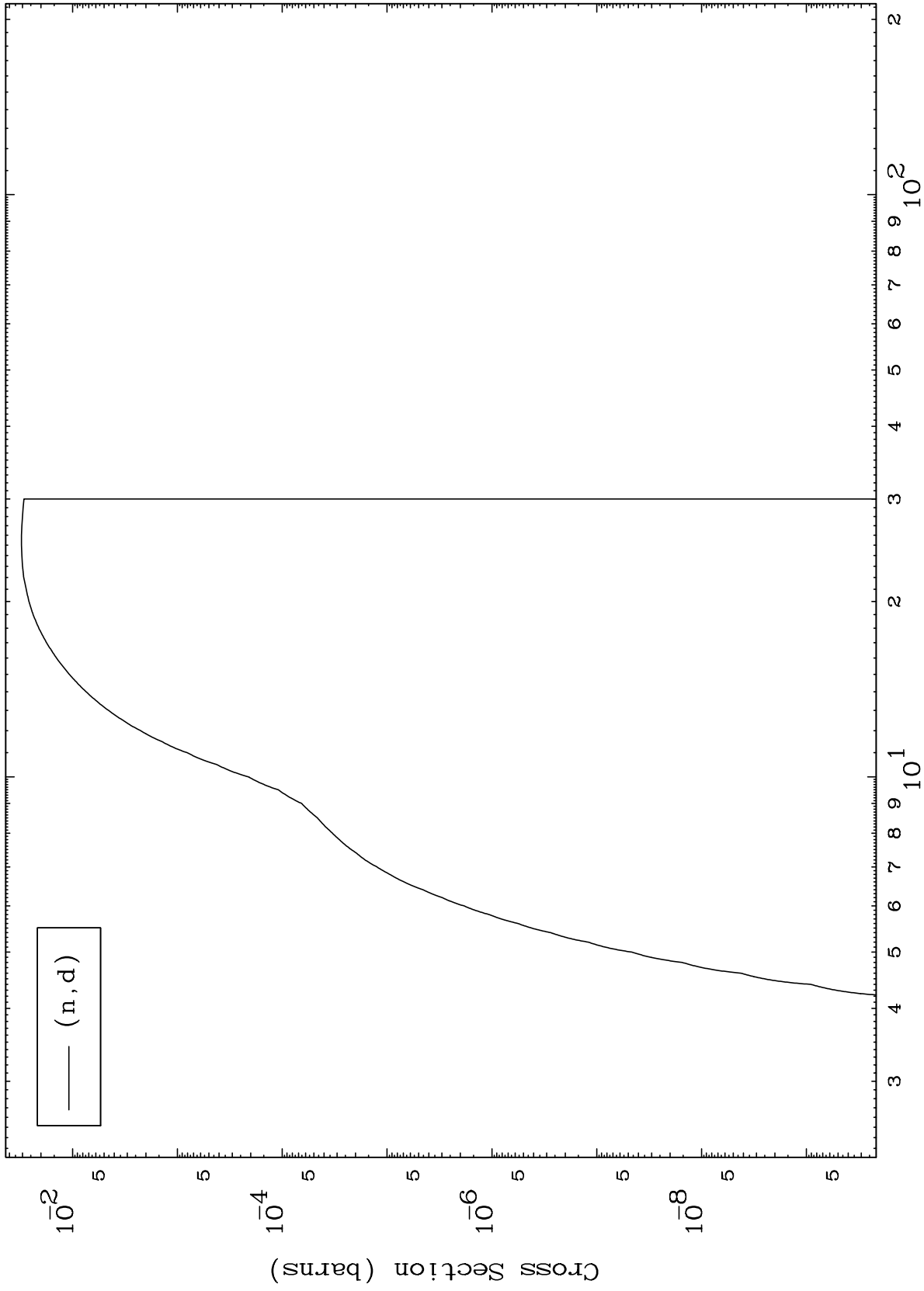
43-Tc-94



MAT 4311

(n,d) Levels
293 Kelvin Cross Sections

43-Tc-94



10

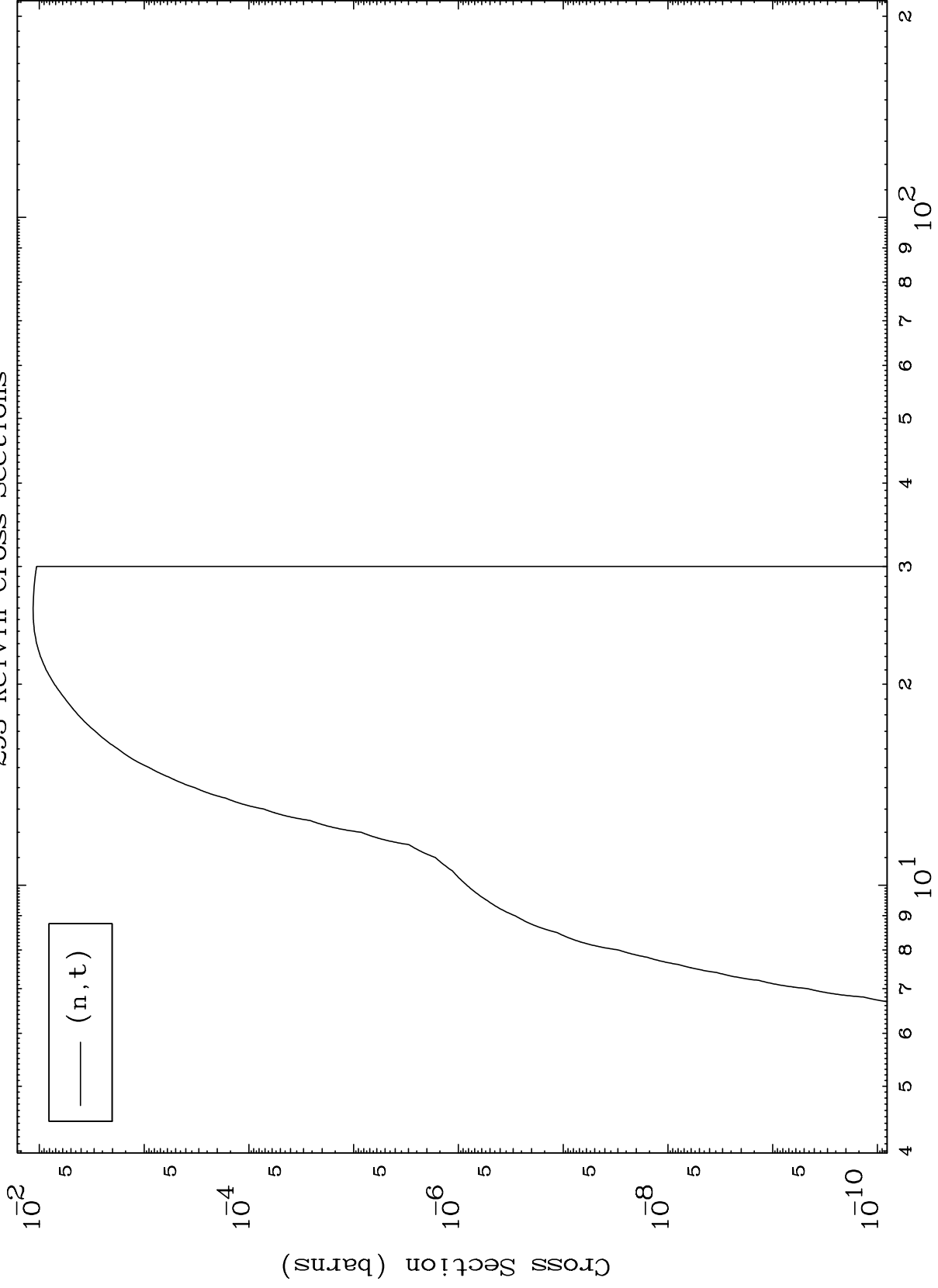
Incident Energy (MeV)

43-Tc-94

MAT 4311

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-94



11

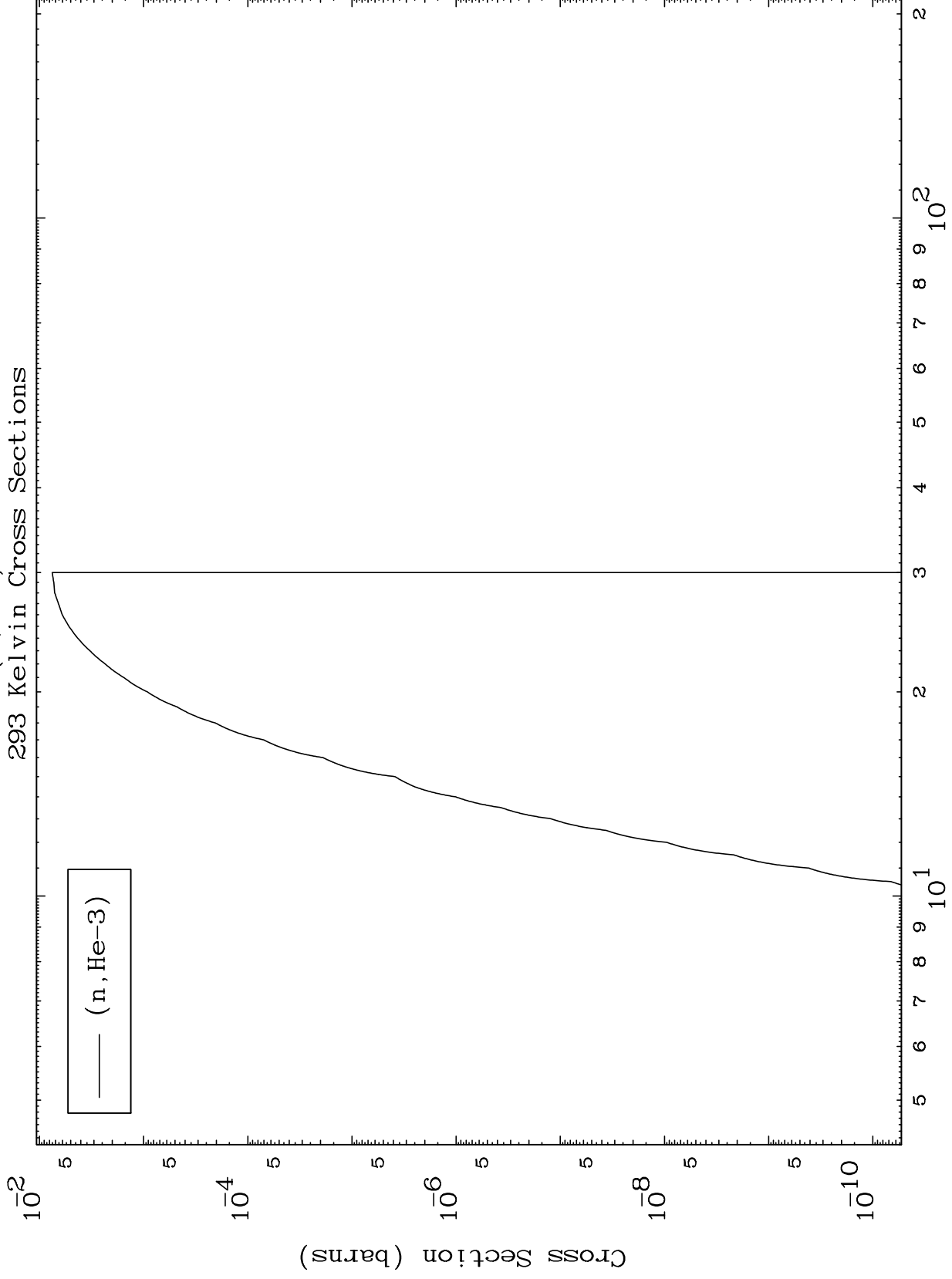
Incident Energy (MeV)

43-Tc-94

MAT 4311

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-94



12

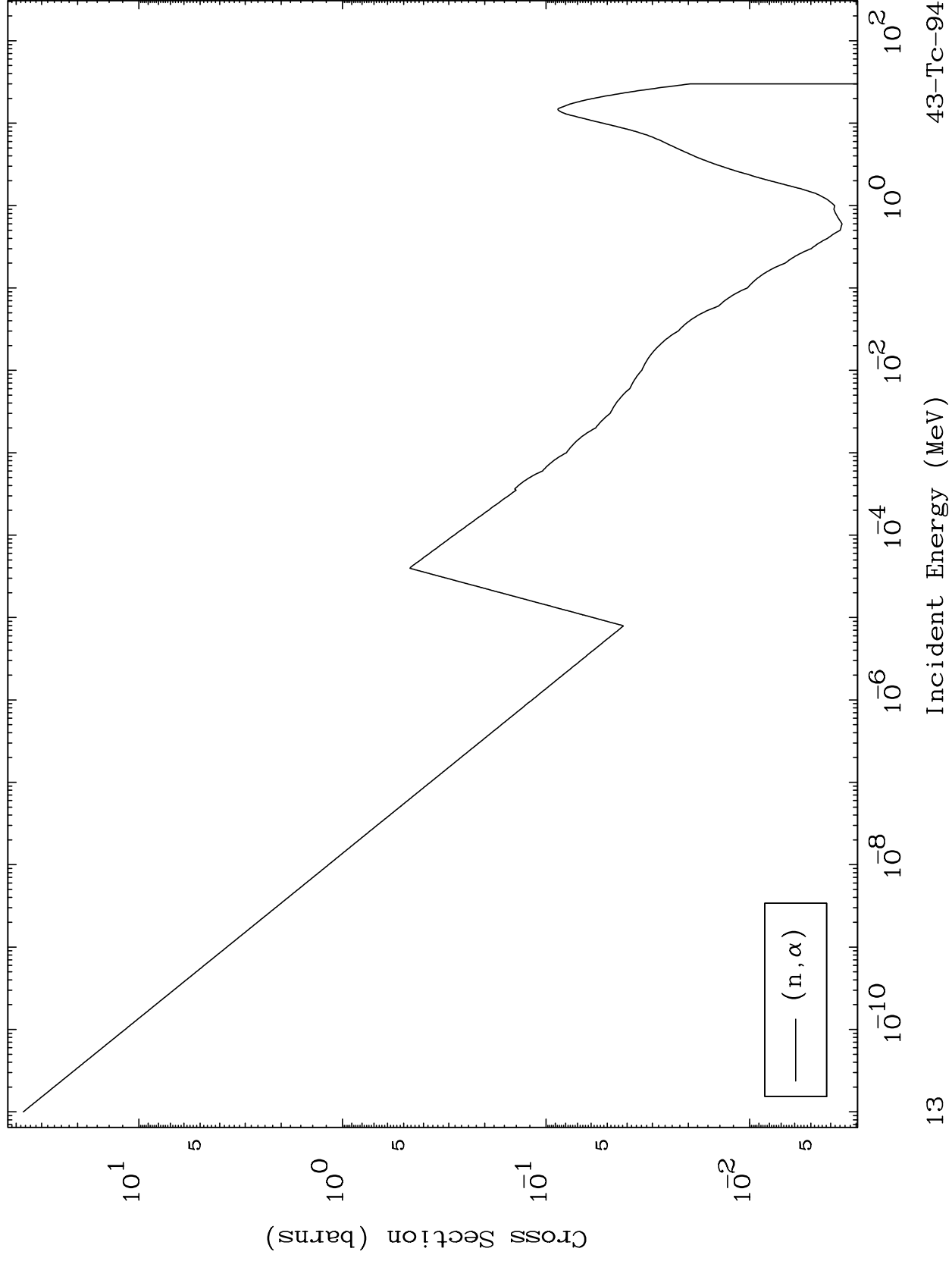
Incident Energy (MeV)

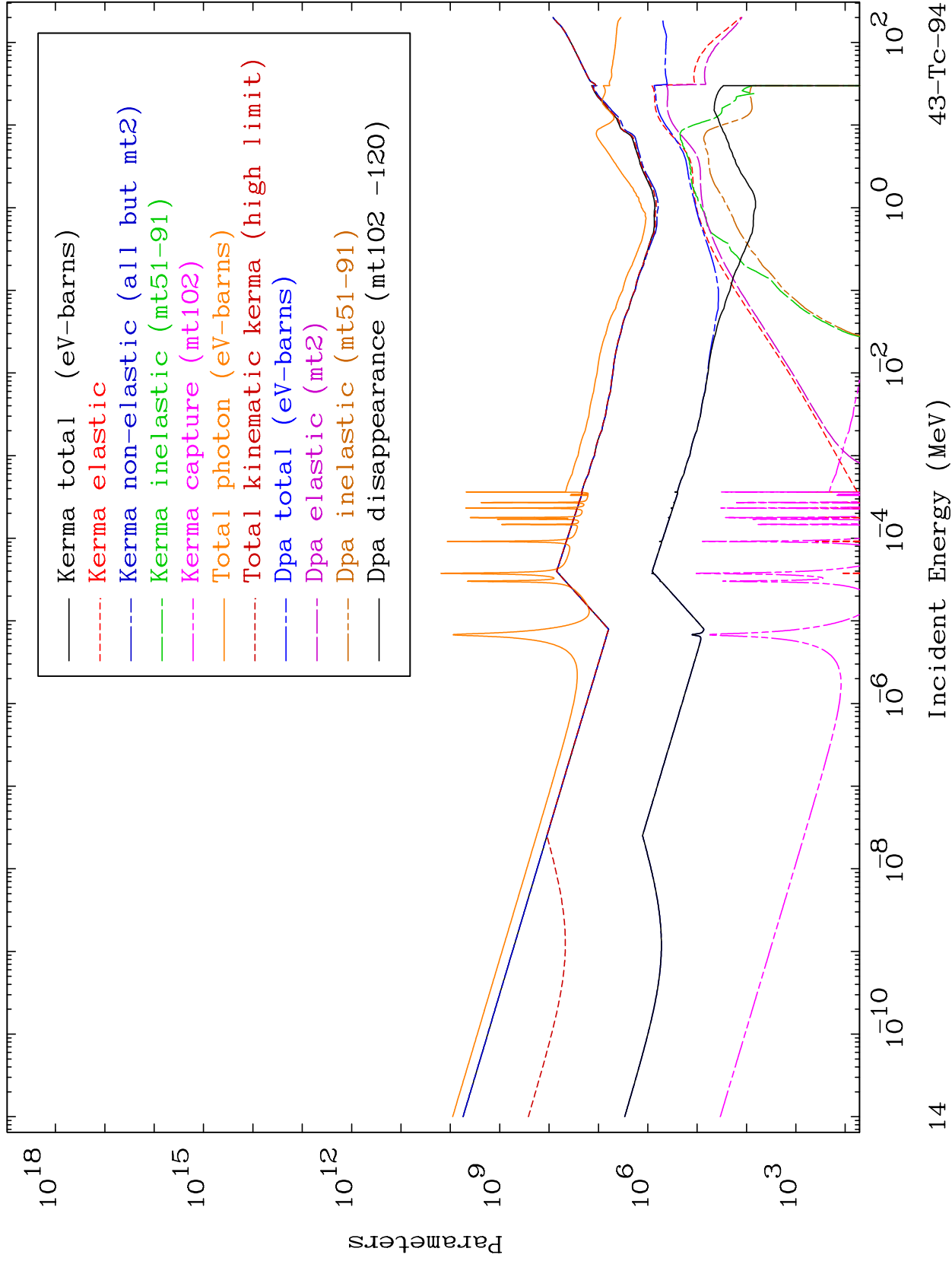
43-Tc-94

MAT 4311

(n,α) Levels
293 Kelvin Cross Sections

43-Tc-94

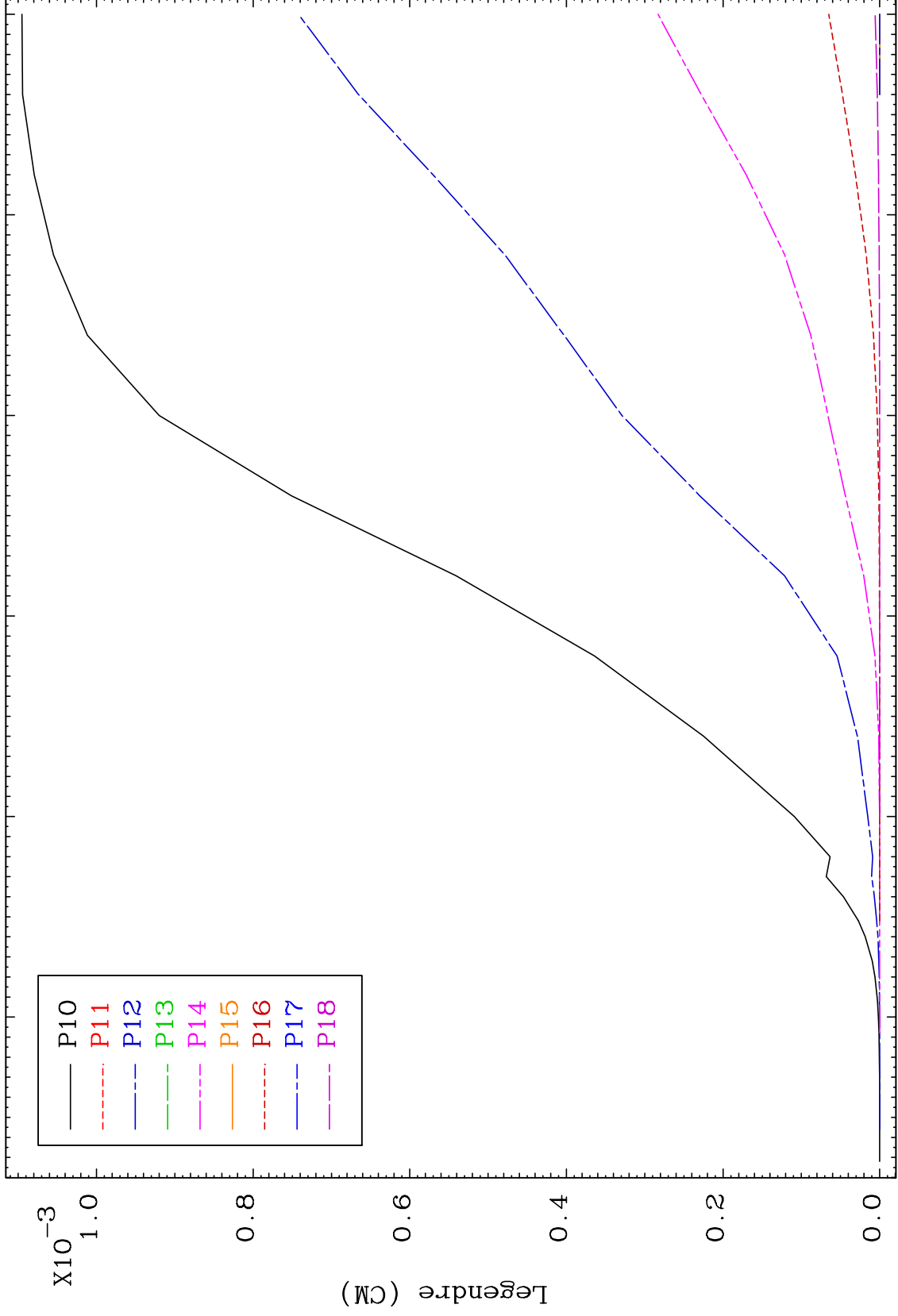




MAT 4311

Elastic Legendre Coefficients

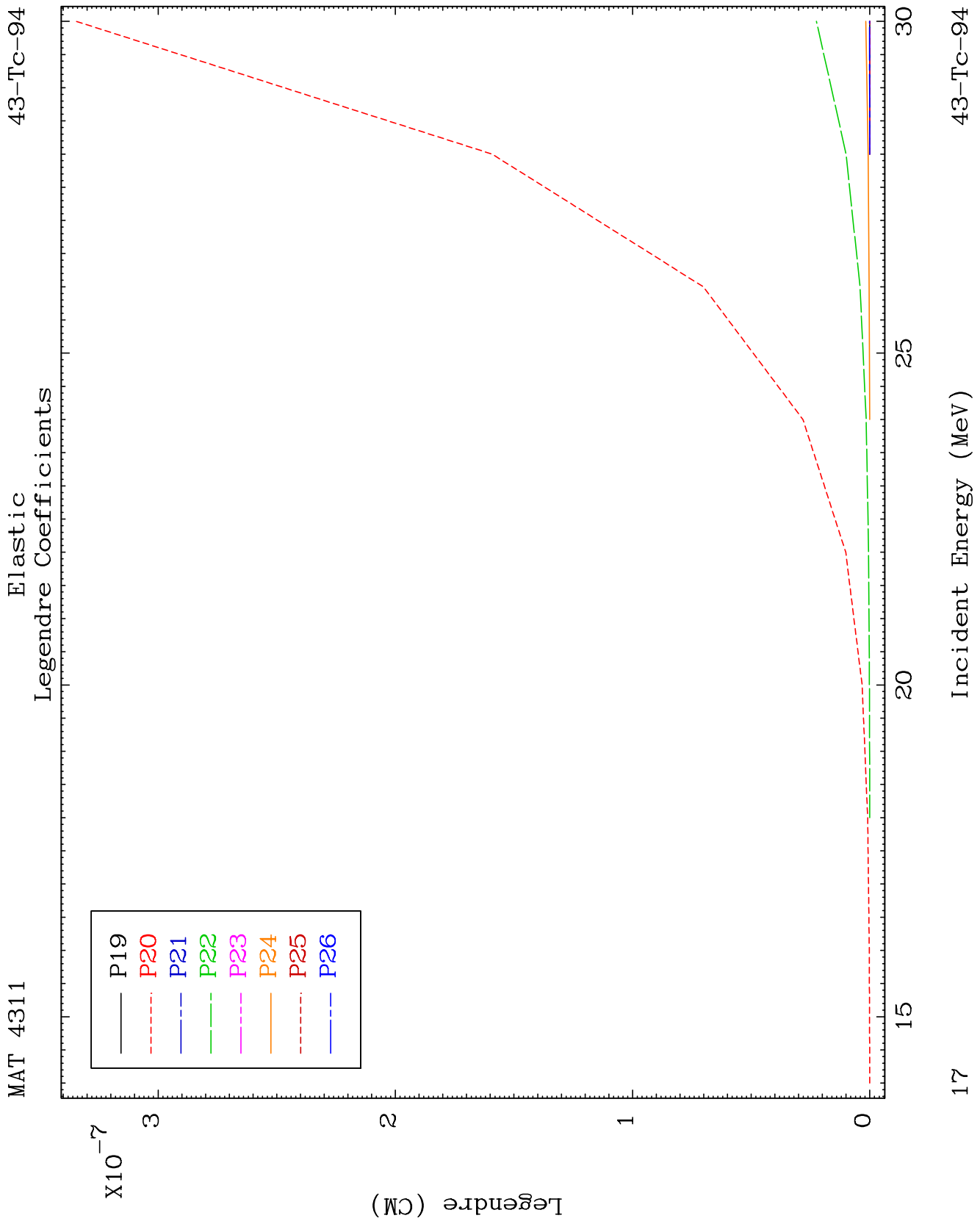
43-Tc-94



16

Incident Energy (MeV)

43-Tc-94



MAT 4311

43-Tc-94

Inelastic
Radionuclide Production Cross Section



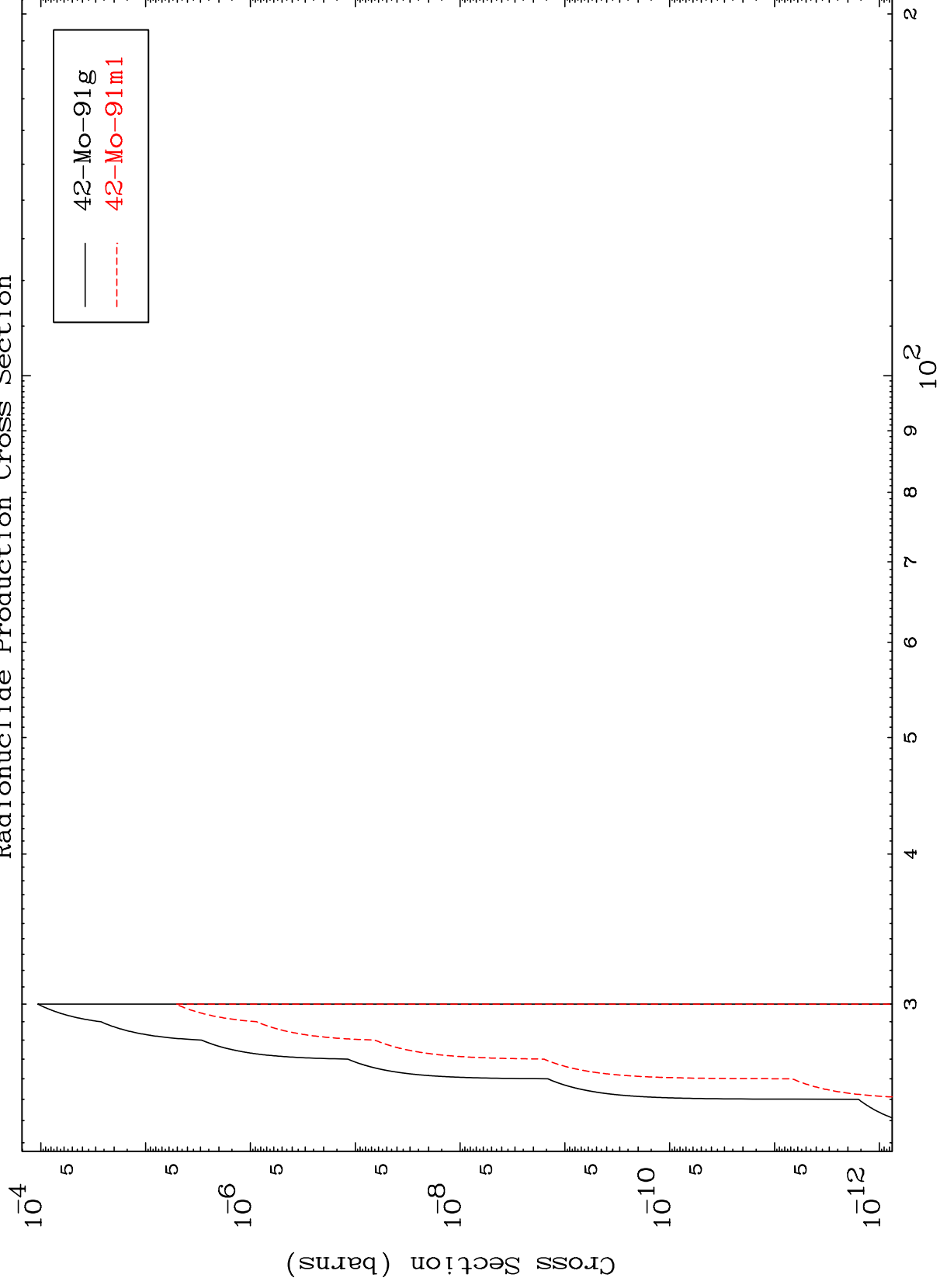
5 10⁻³ 5 10⁻² 5 10⁰ 5 10¹ 5 10²

MAT 4311

(n,2n) d

43-Tc-94

Radionuclide Production Cross Section



19

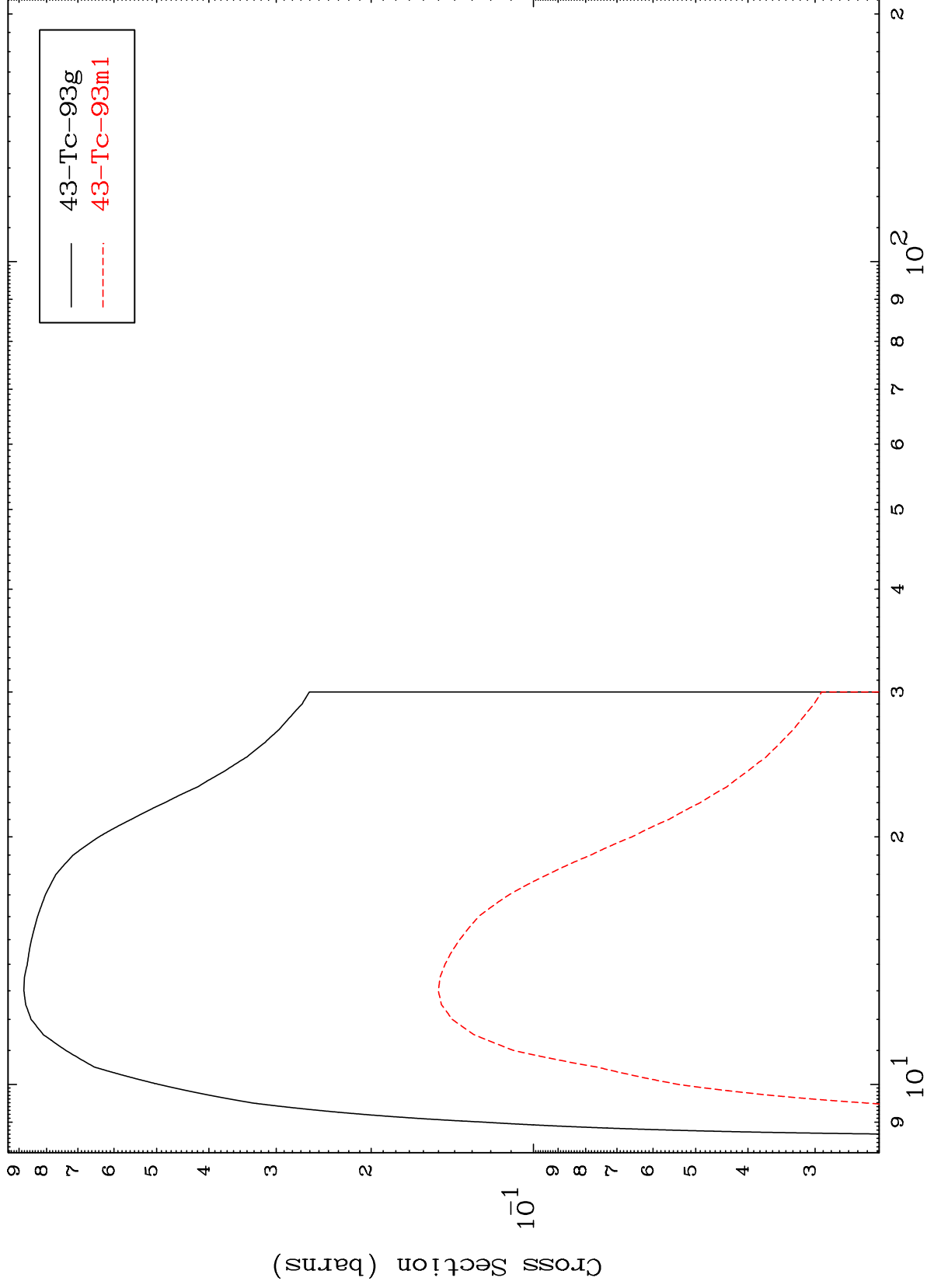
Incident Energy (MeV)

43-Tc-94

MAT 4311

43-Tc-94

(n,2n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

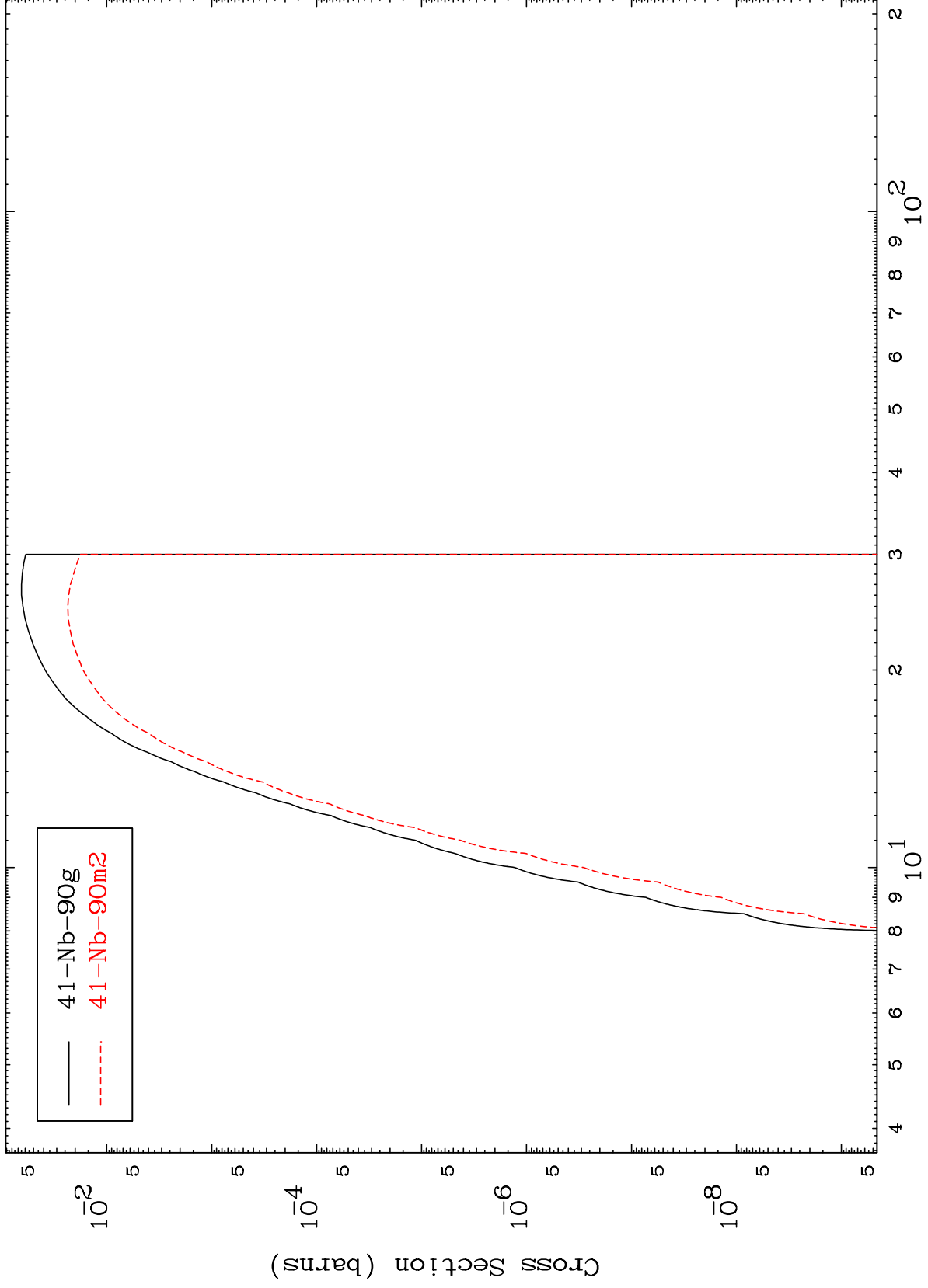
43-Tc-94

MAT 4311

(n,n') α

43-Tc-94

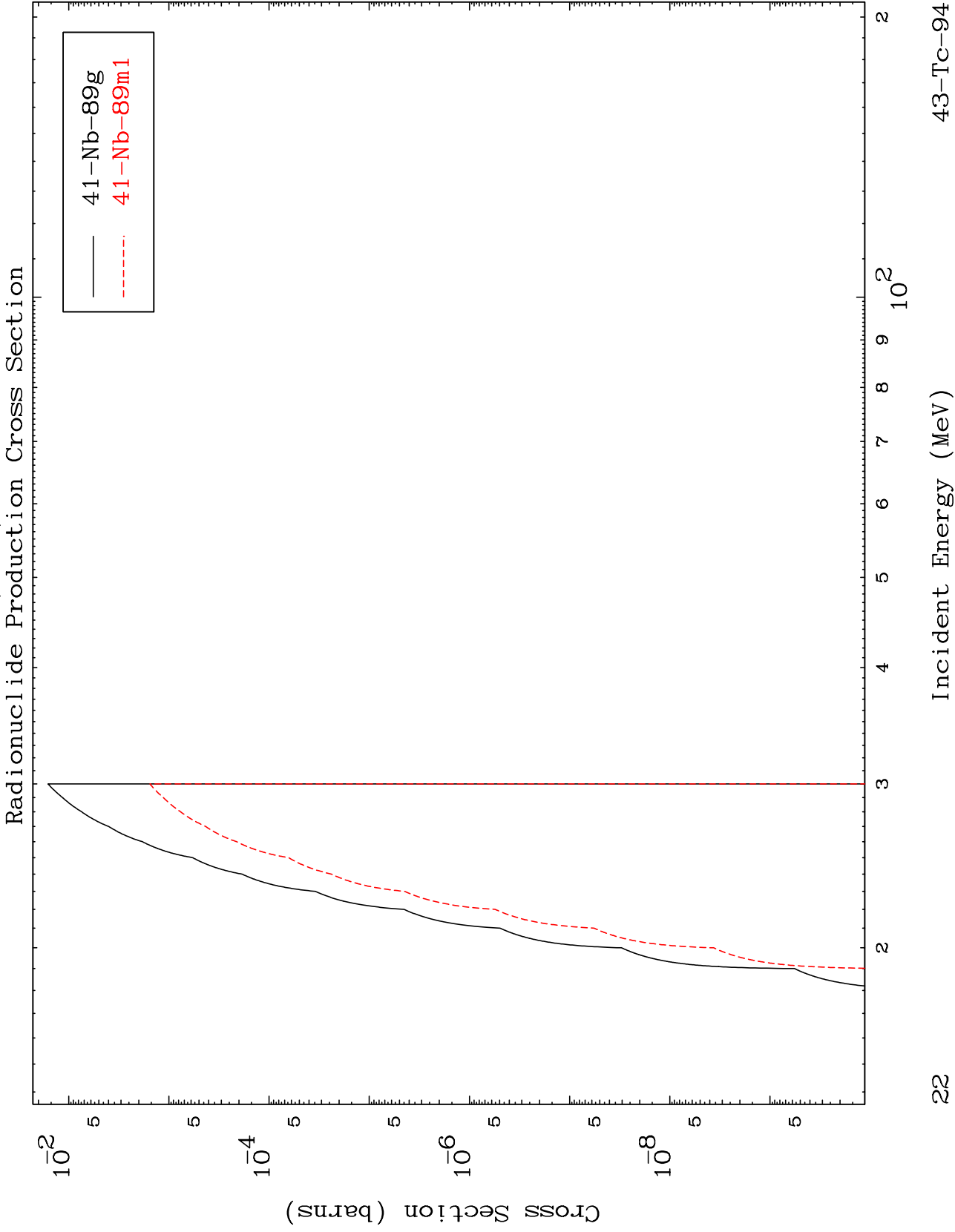
Radionuclide Production Cross Section



21

Incident Energy (MeV)

43-Tc-94

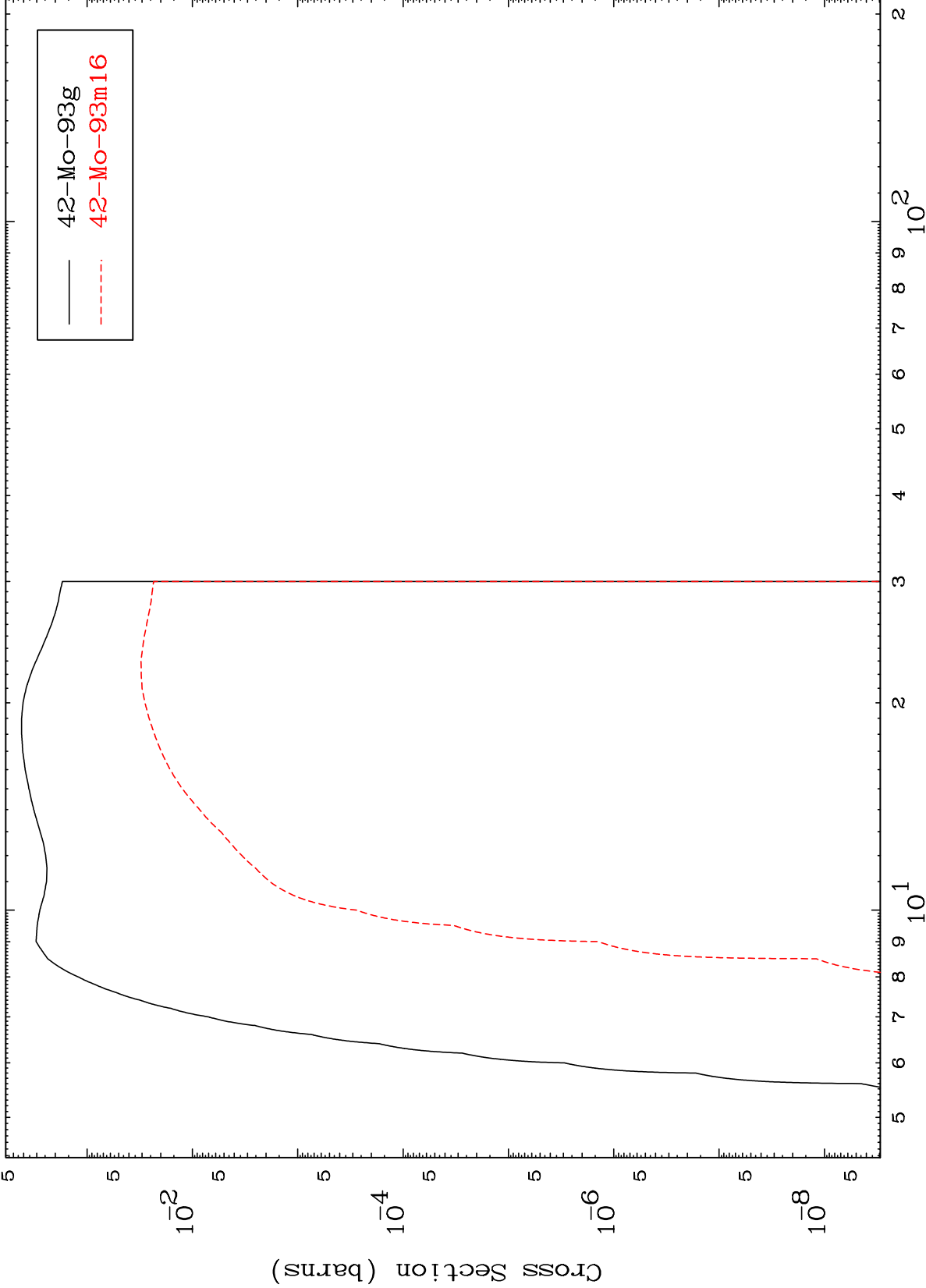


MAT 4311

(n,n') p

43-Tc-94

Radionuclide Production Cross Section



23

Incident Energy (MeV)

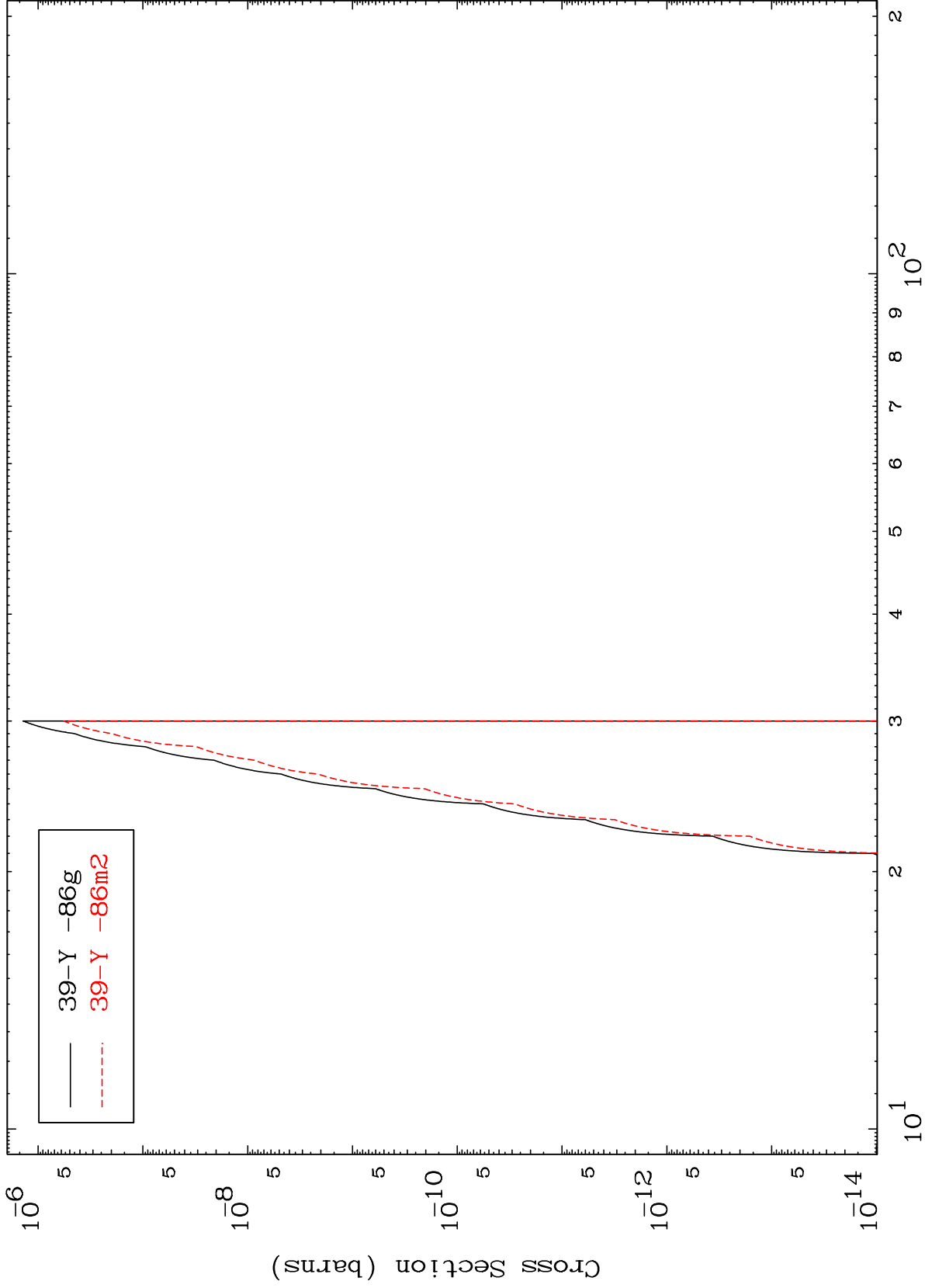
43-Tc-94

MAT 4311

(n,n') 2α

43-Tc-94

Radionuclide Production Cross Section



24

Incident Energy (MeV)

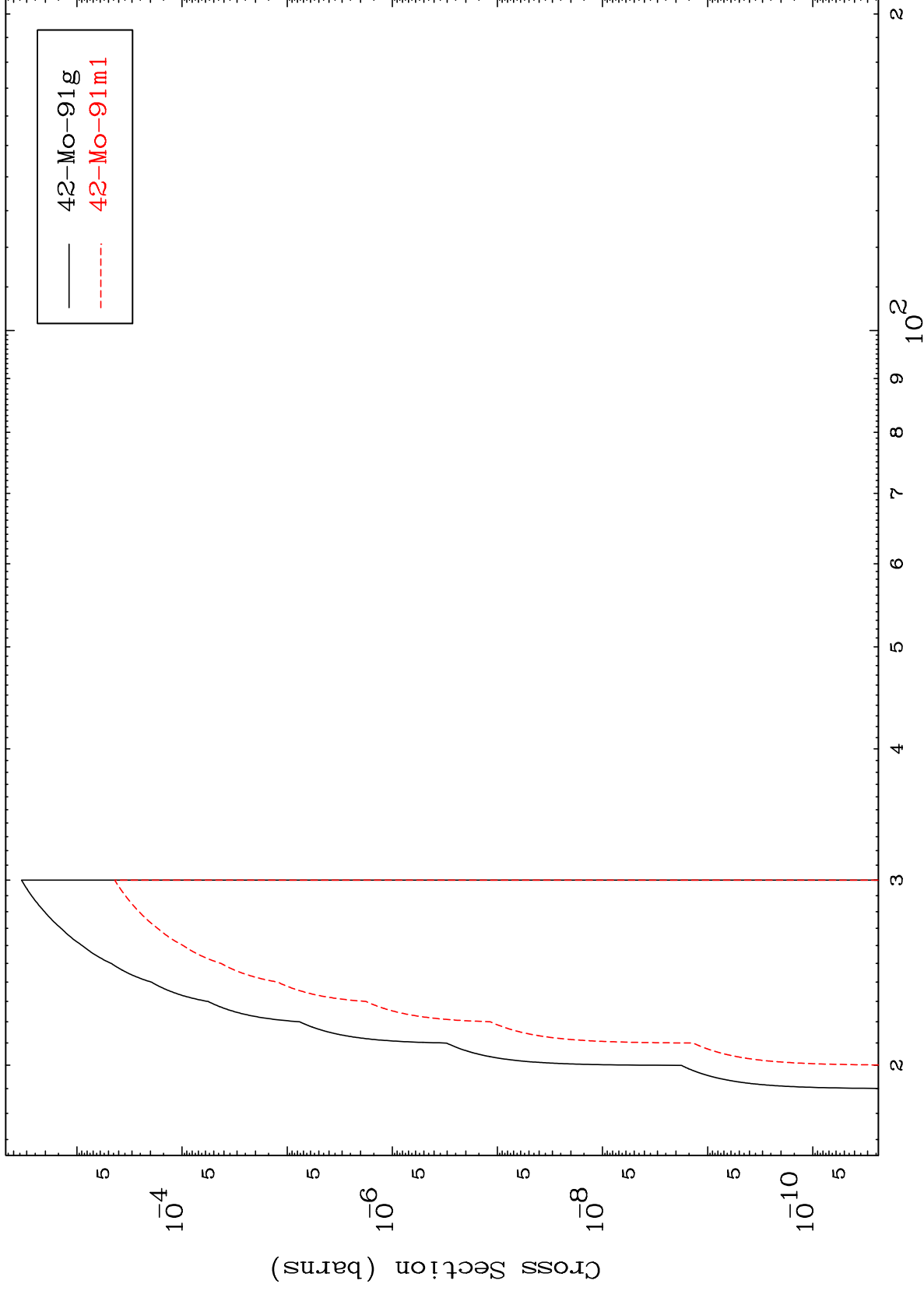
43-Tc-94

MAT 4311

(n,n') t

43-Tc-94

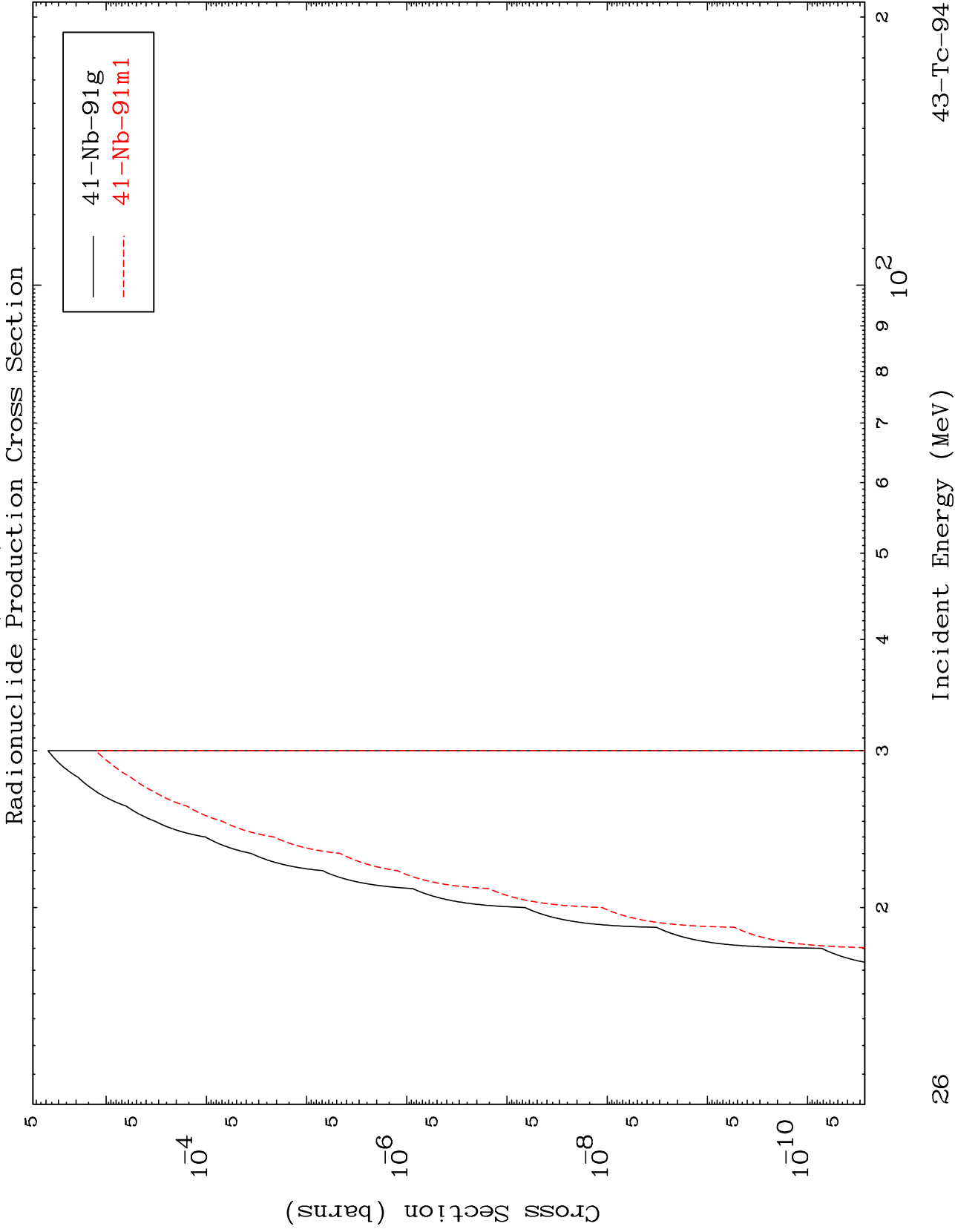
Radionuclide Production Cross Section



25

Incident Energy (MeV)

43-Tc-94

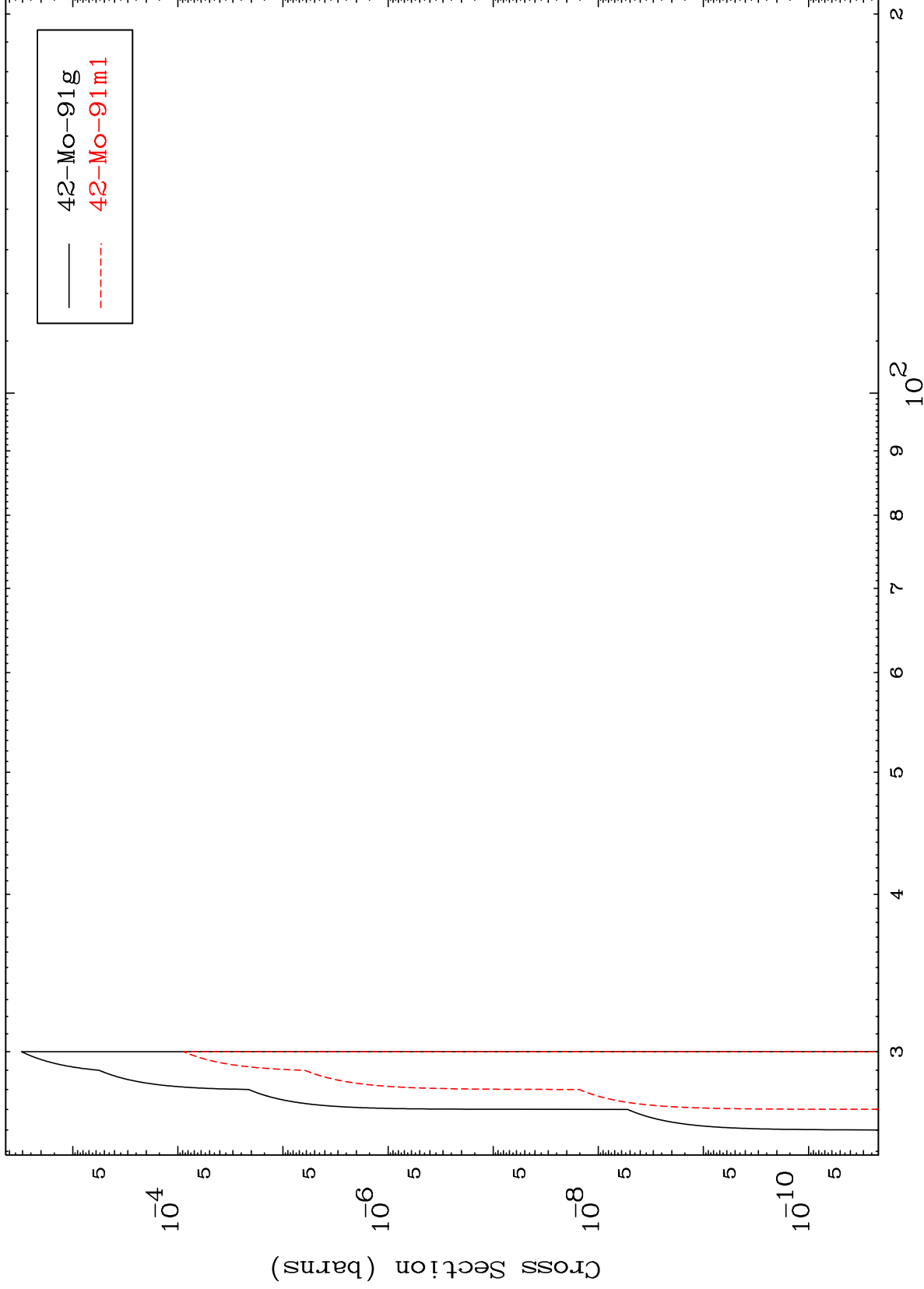


MAT 4311

(n,3n) p

43-Tc-94

Radionuclide Production Cross Section



27

Incident Energy (MeV)

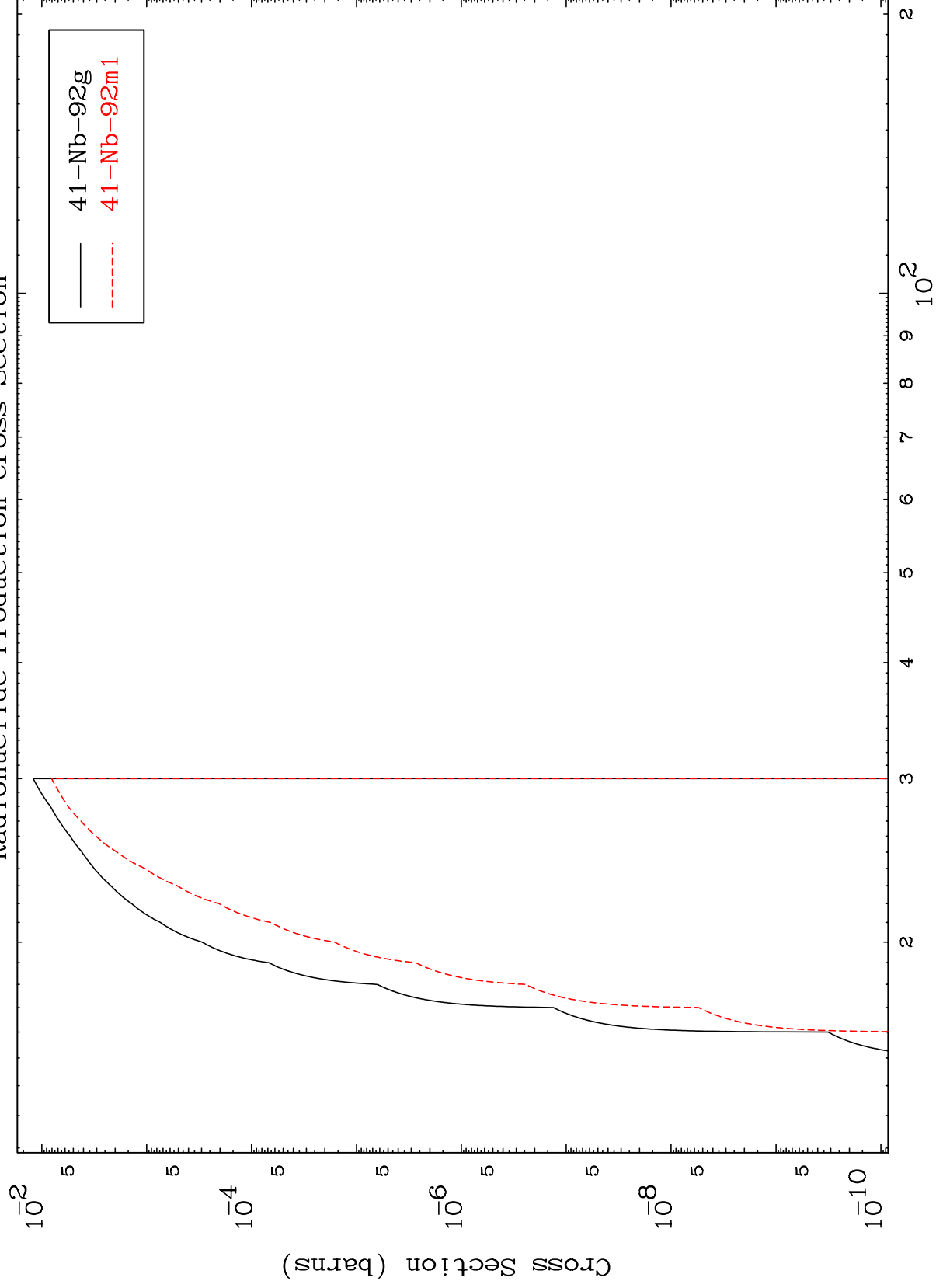
43-Tc-94

MAT 4311

(n,2n) p

43-Tc-94

Radionuclide Production Cross Section



28

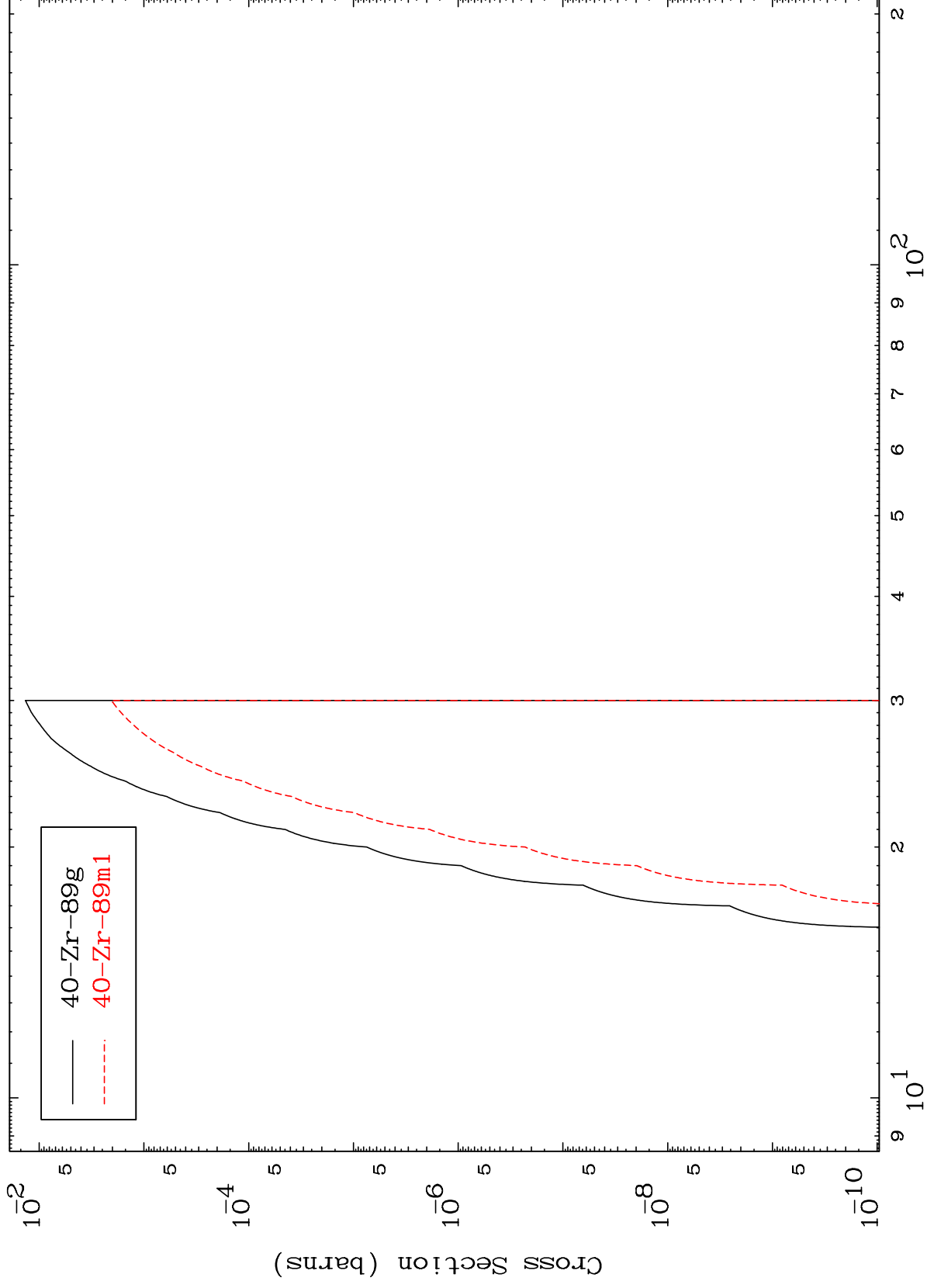
Incident Energy (MeV)

43-Tc-94

MAT 4311

43-Tc-94

(n,n') p α
Radionuclide Production Cross Section



29

Incident Energy (MeV)

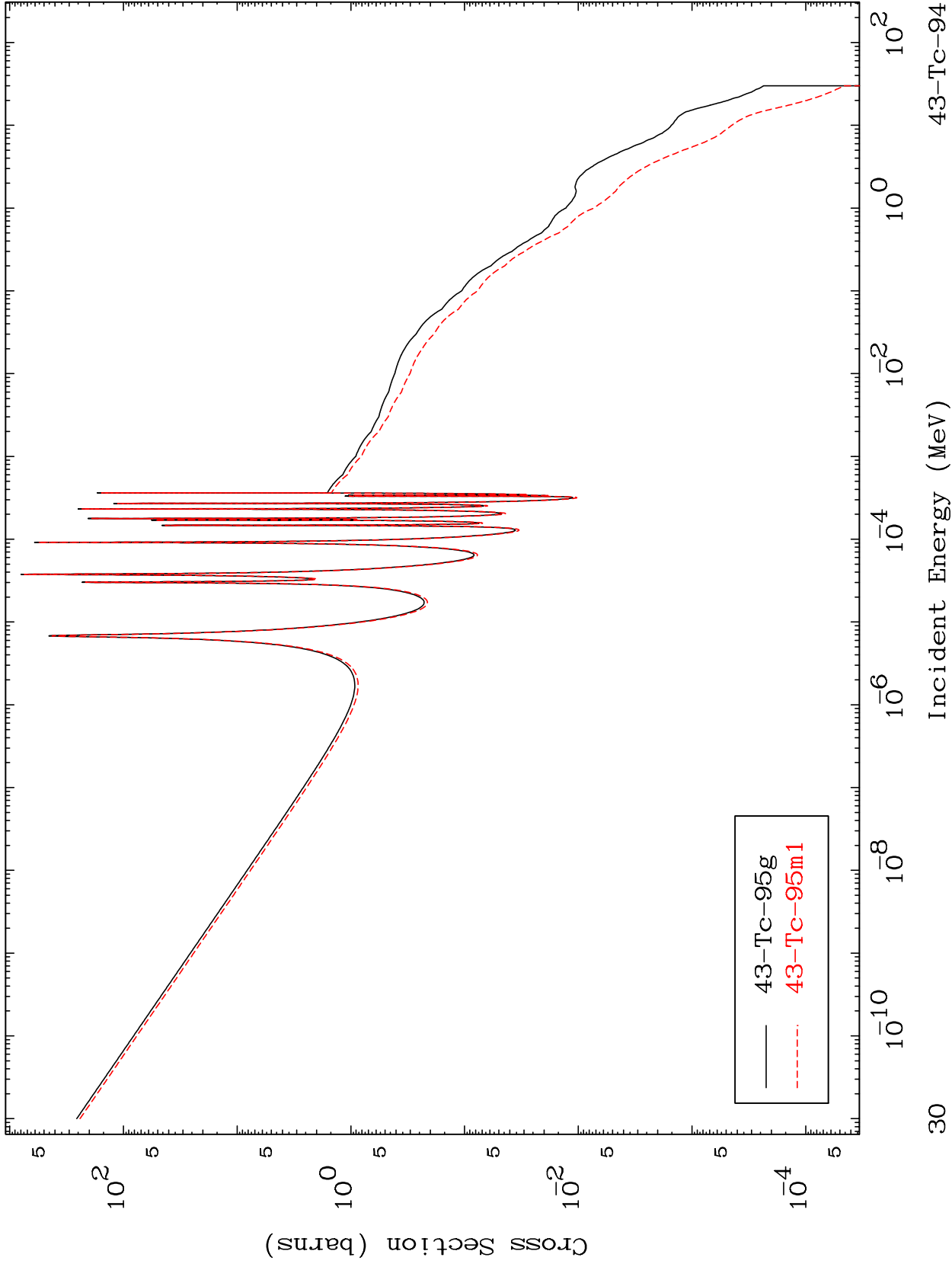
43-Tc-94

MAT 4311

⁴³Tc-94

Radionuclide Production Cross Section

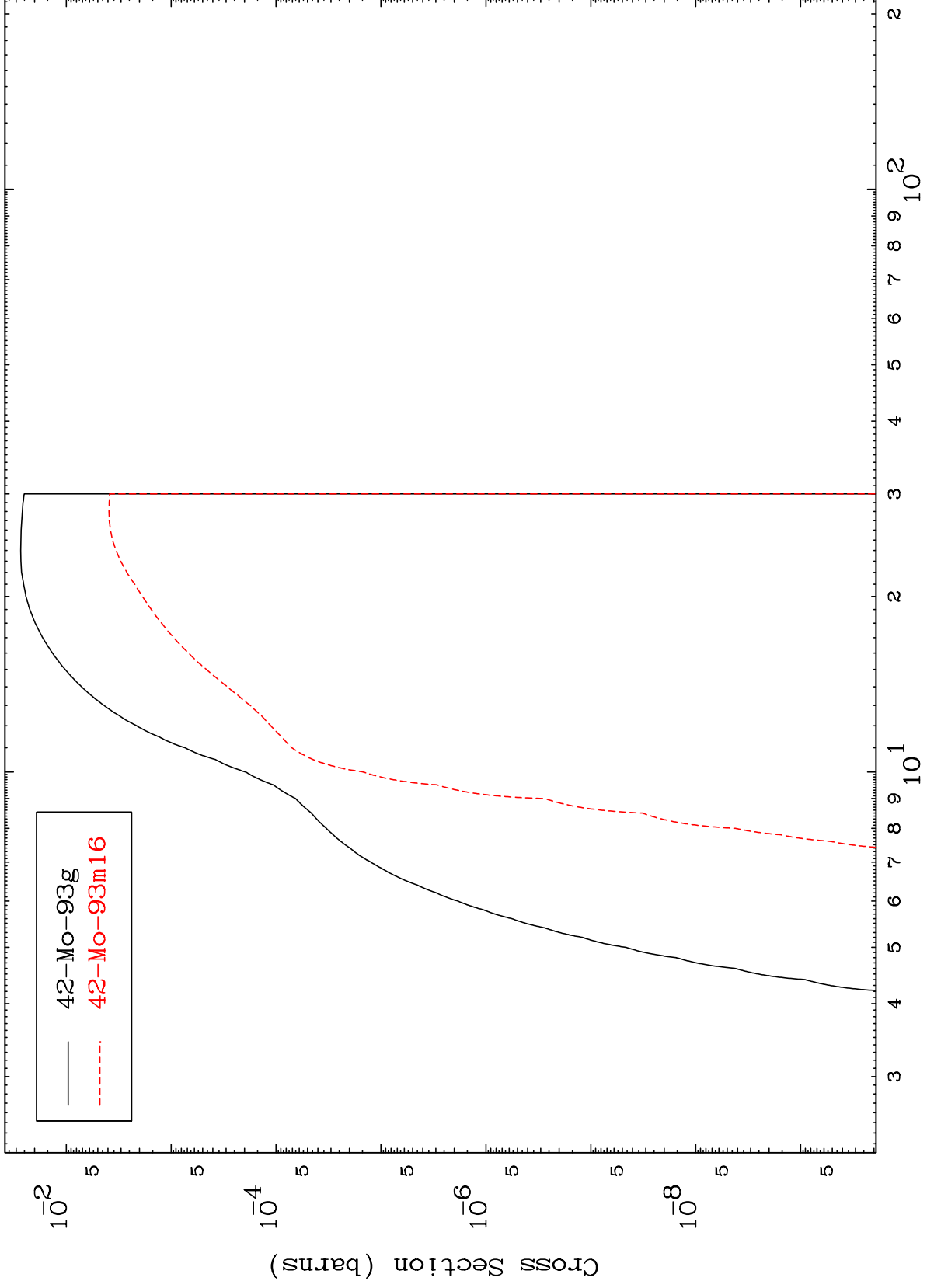
(n,γ)



MAT 4311

43-Tc-94

(n,d)
Radionuclide Production Cross Section



31

Incident Energy (MeV)

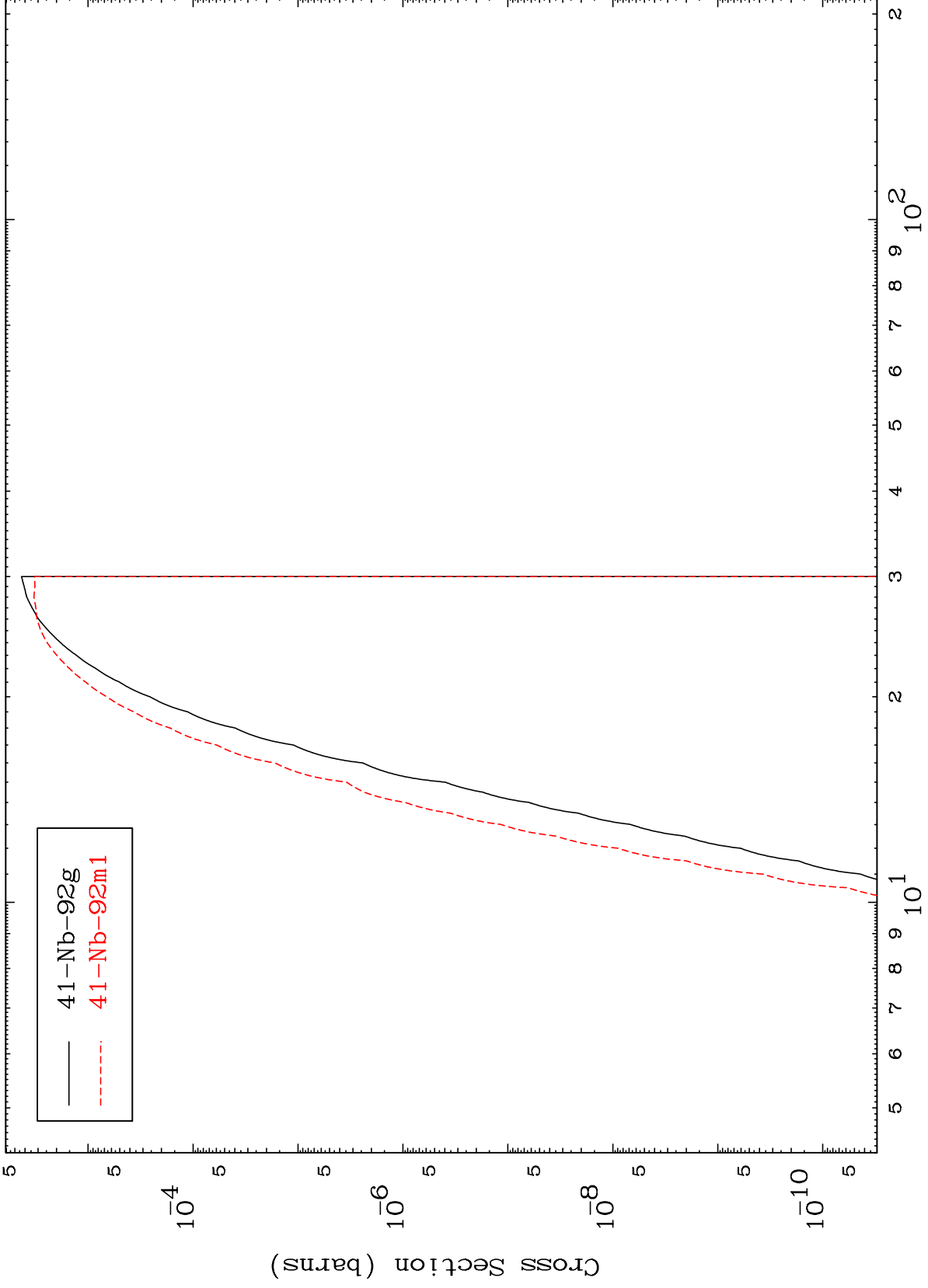
43-Tc-94

MAT 4311

(n,He-3)

43-Tc-94

Radionuclide Production Cross Section



32

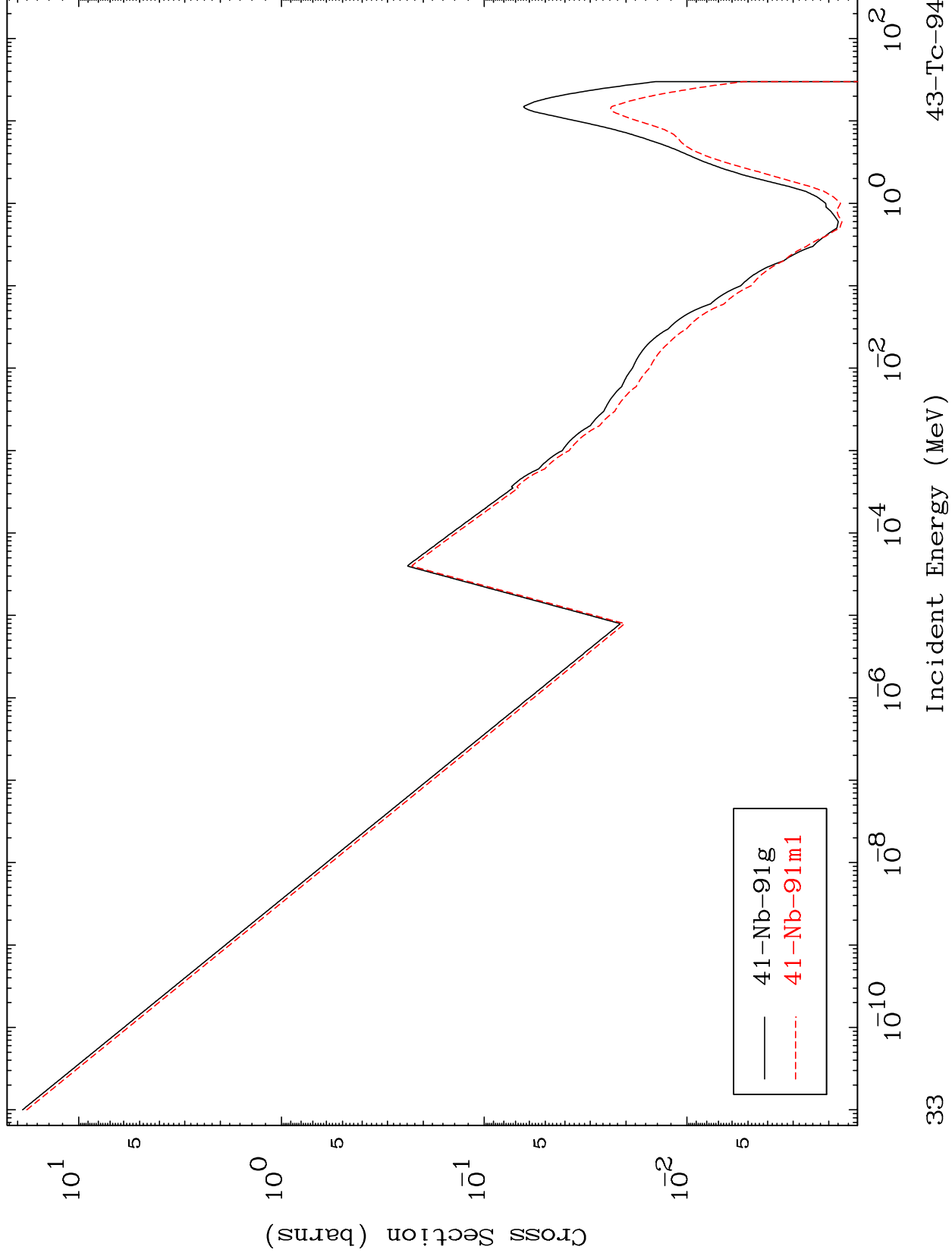
Incident Energy (MeV)

43-Tc-94

MAT 4311

43-Tc-94

(n, α)
Radionuclide Production Cross Section



Incident Energy (MeV)

43-Tc-94

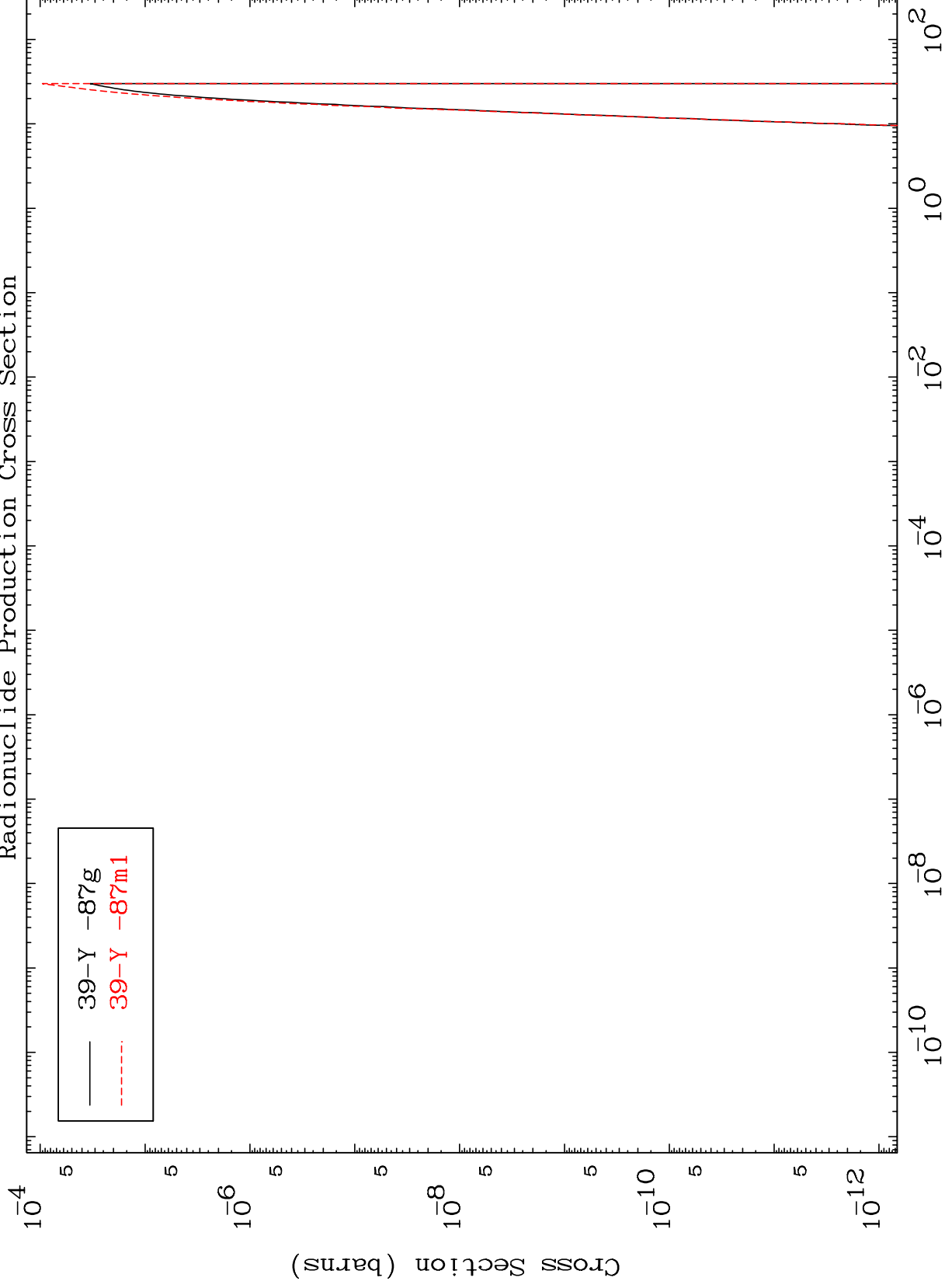
33

MAT 4311

(n,2α)

43-Tc-94

Radionuclide Production Cross Section



34

Incident Energy (MeV)

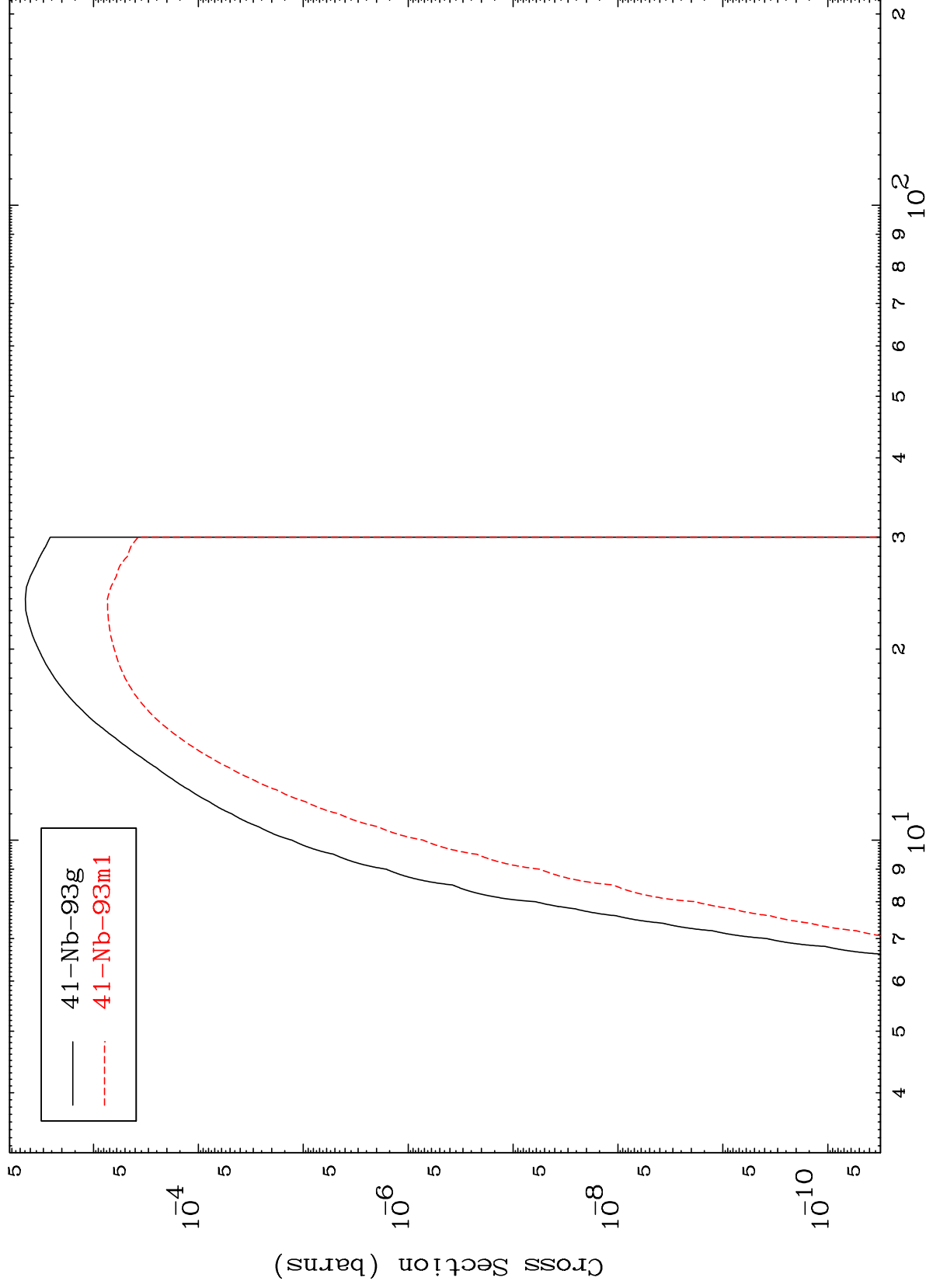
43-Tc-94

MAT 4311

(n,2p)

43-Tc-94

Radionuclide Production Cross Section



35

Incident Energy (MeV)

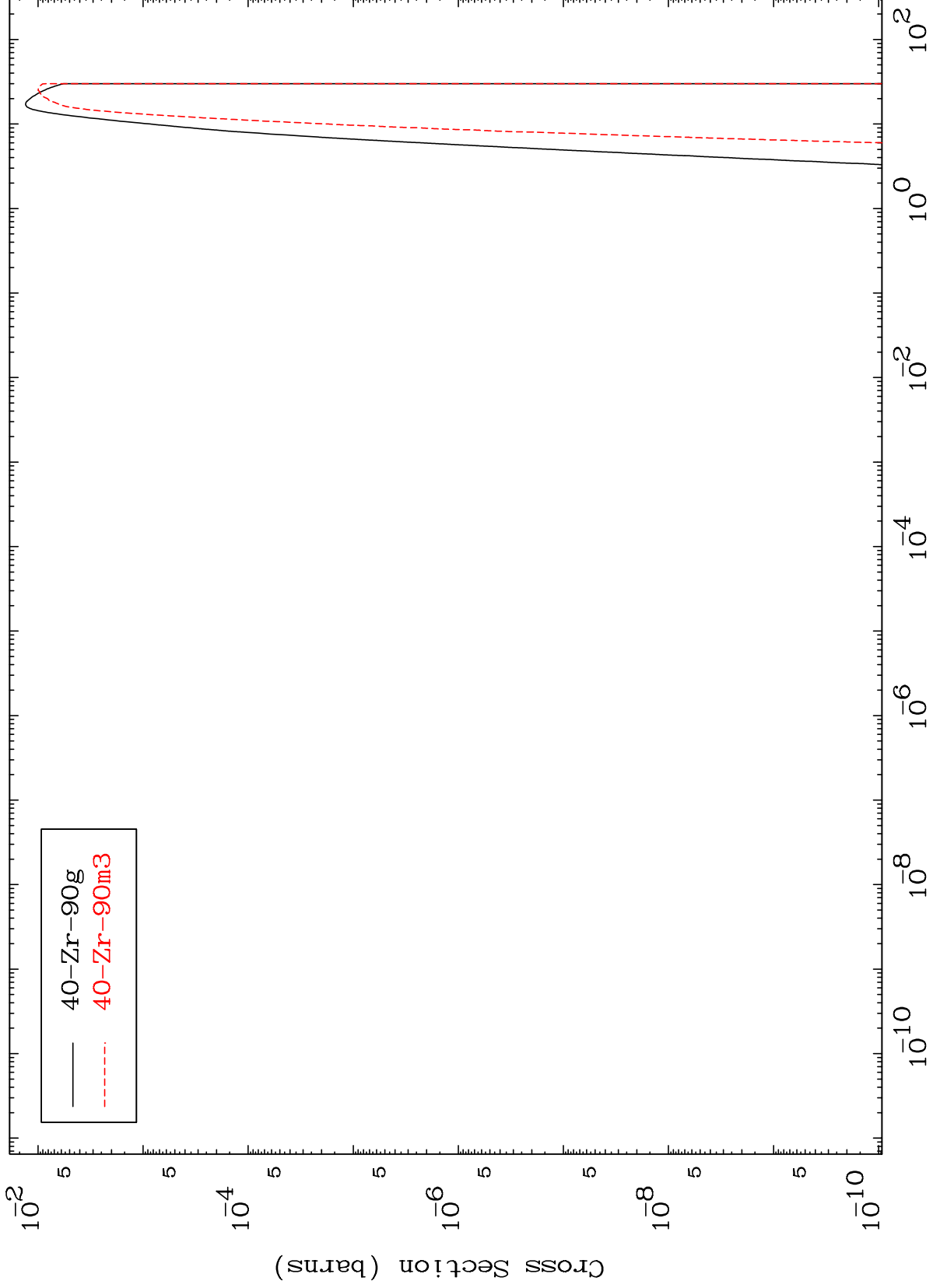
43-Tc-94

MAT 4311

(n,p) α

43-Tc-94

Radionuclide Production Cross Section



36

Incident Energy (MeV)

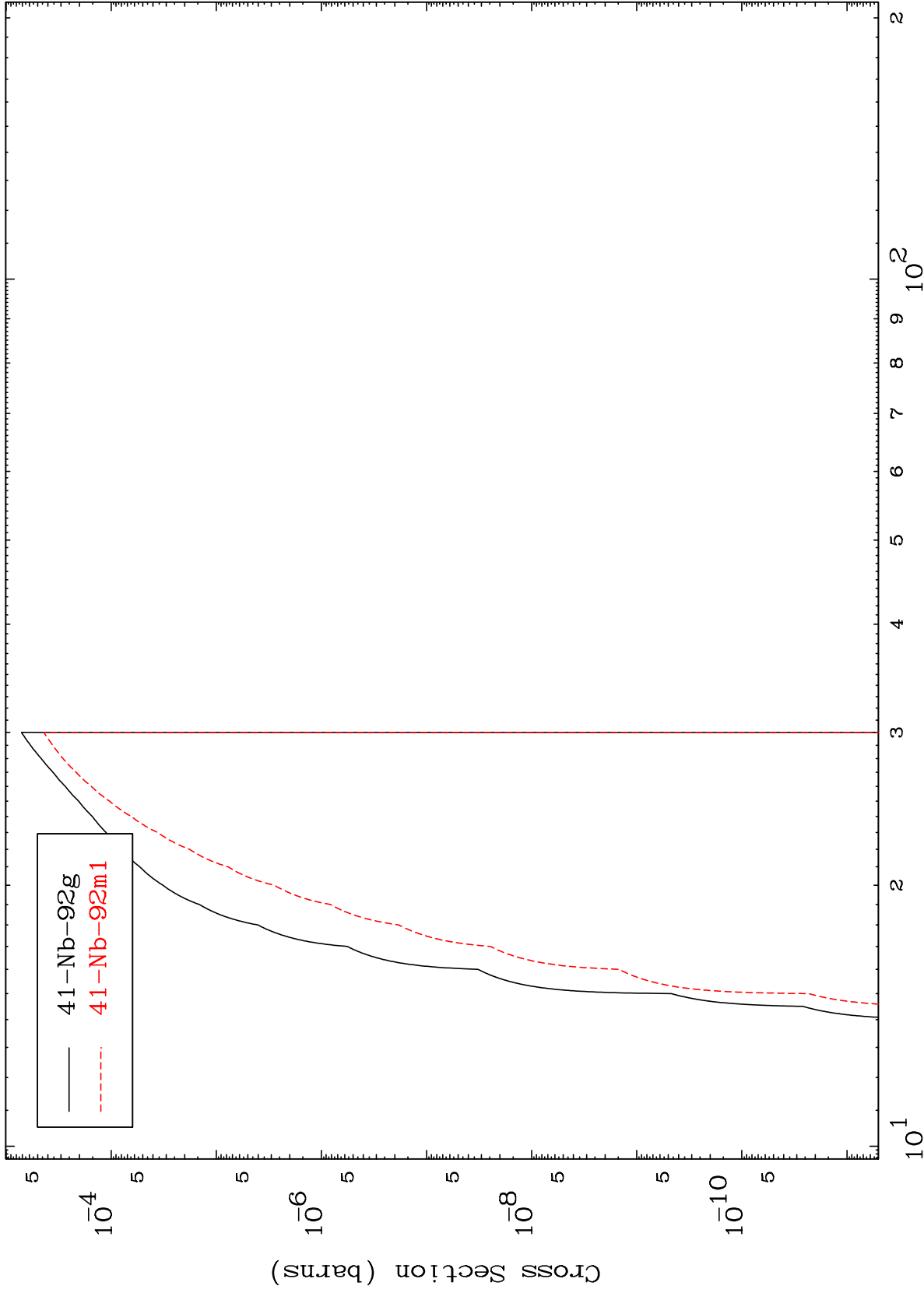
43-Tc-94

MAT 4311

(n,p) d

43-Tc-94

Radionuclide Production Cross Section



Incident Energy (MeV)

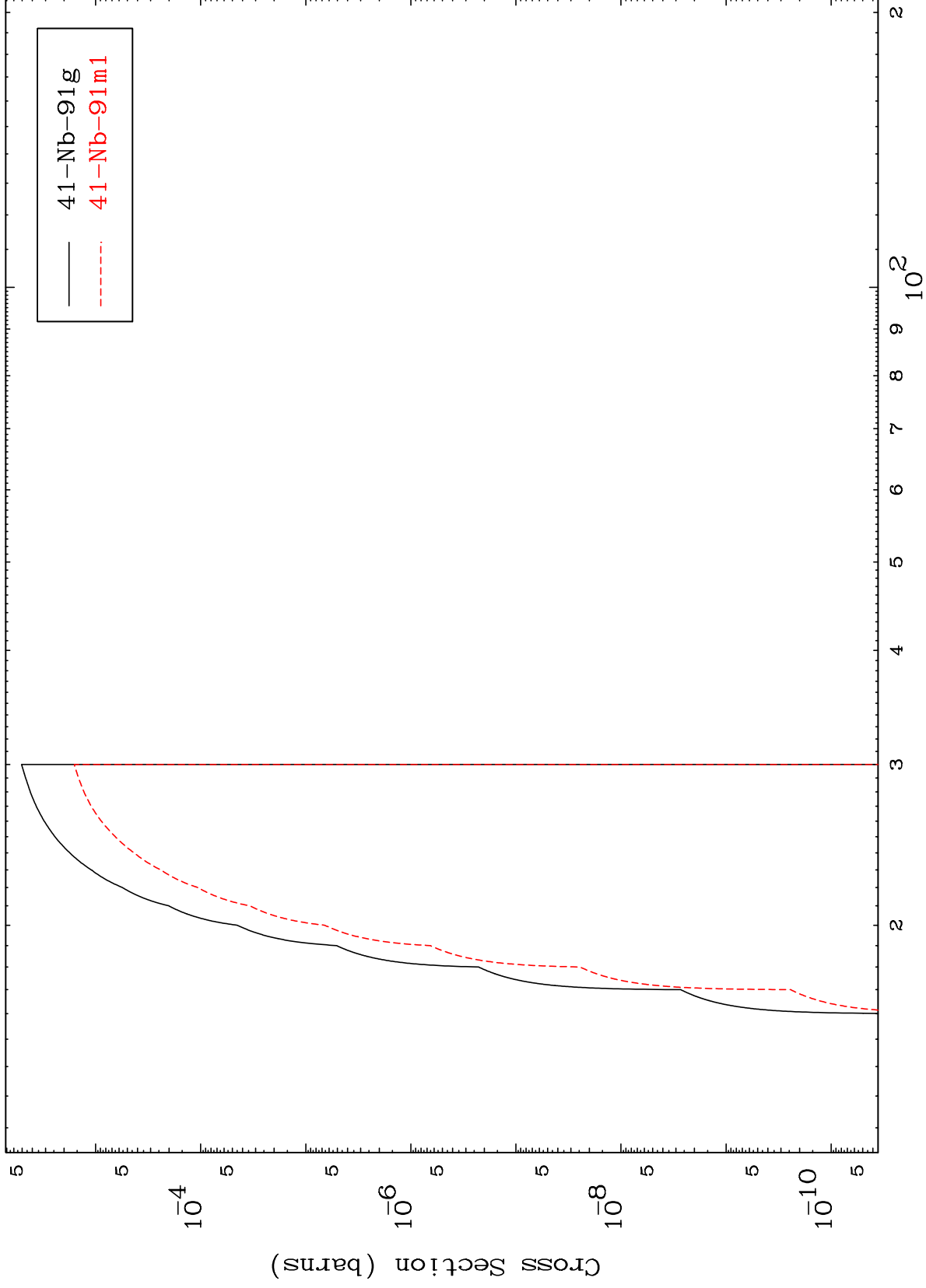
43-Tc-94

MAT 4311

(n,p) t

43-Tc-94

Radionuclide Production Cross Section



38

Incident Energy (MeV)

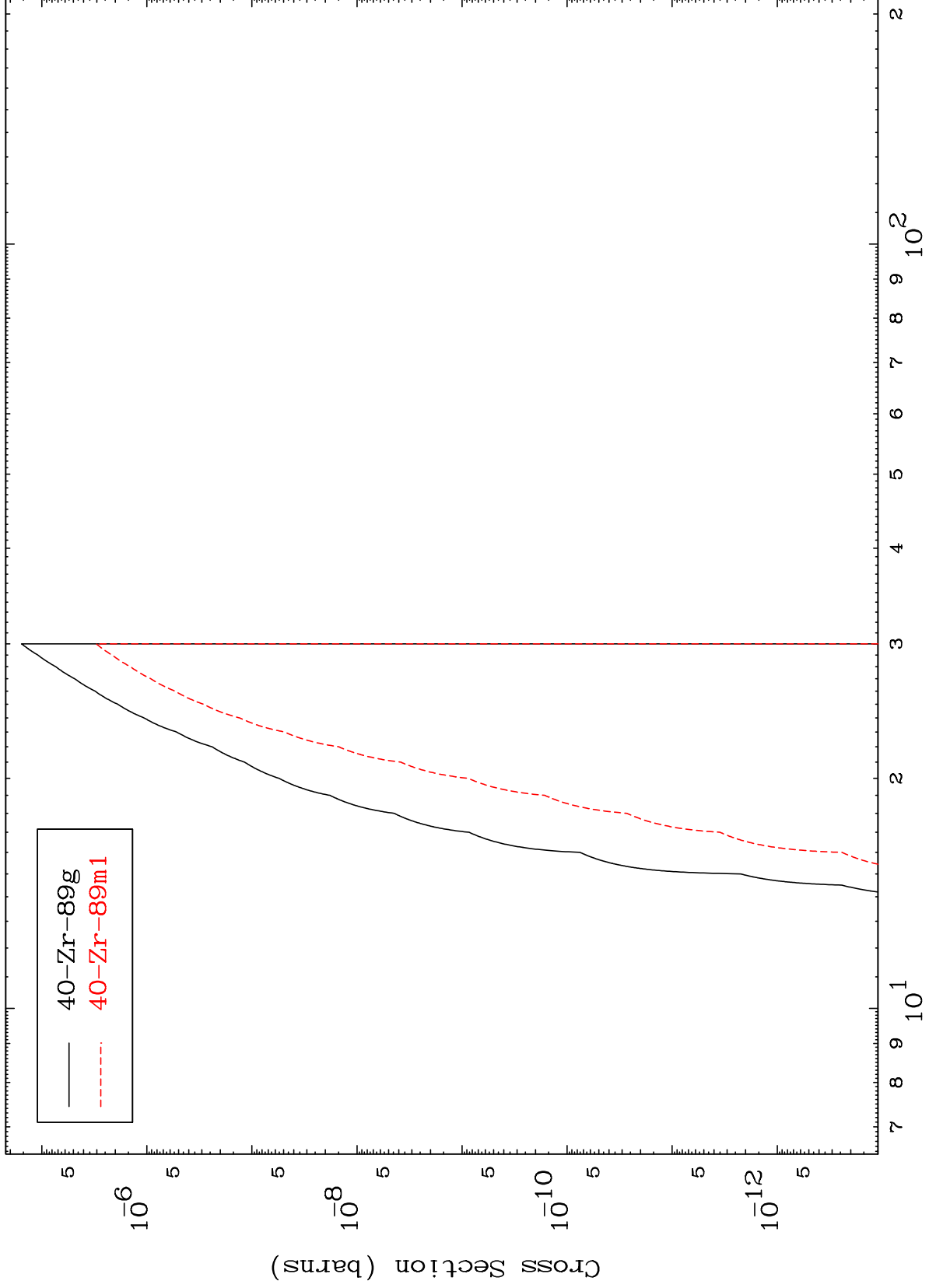
43-Tc-94

MAT 4311

(n,d) α

43-Tc-94

Radionuclide Production Cross Section



39

Incident Energy (MeV)

43-Tc-94