

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

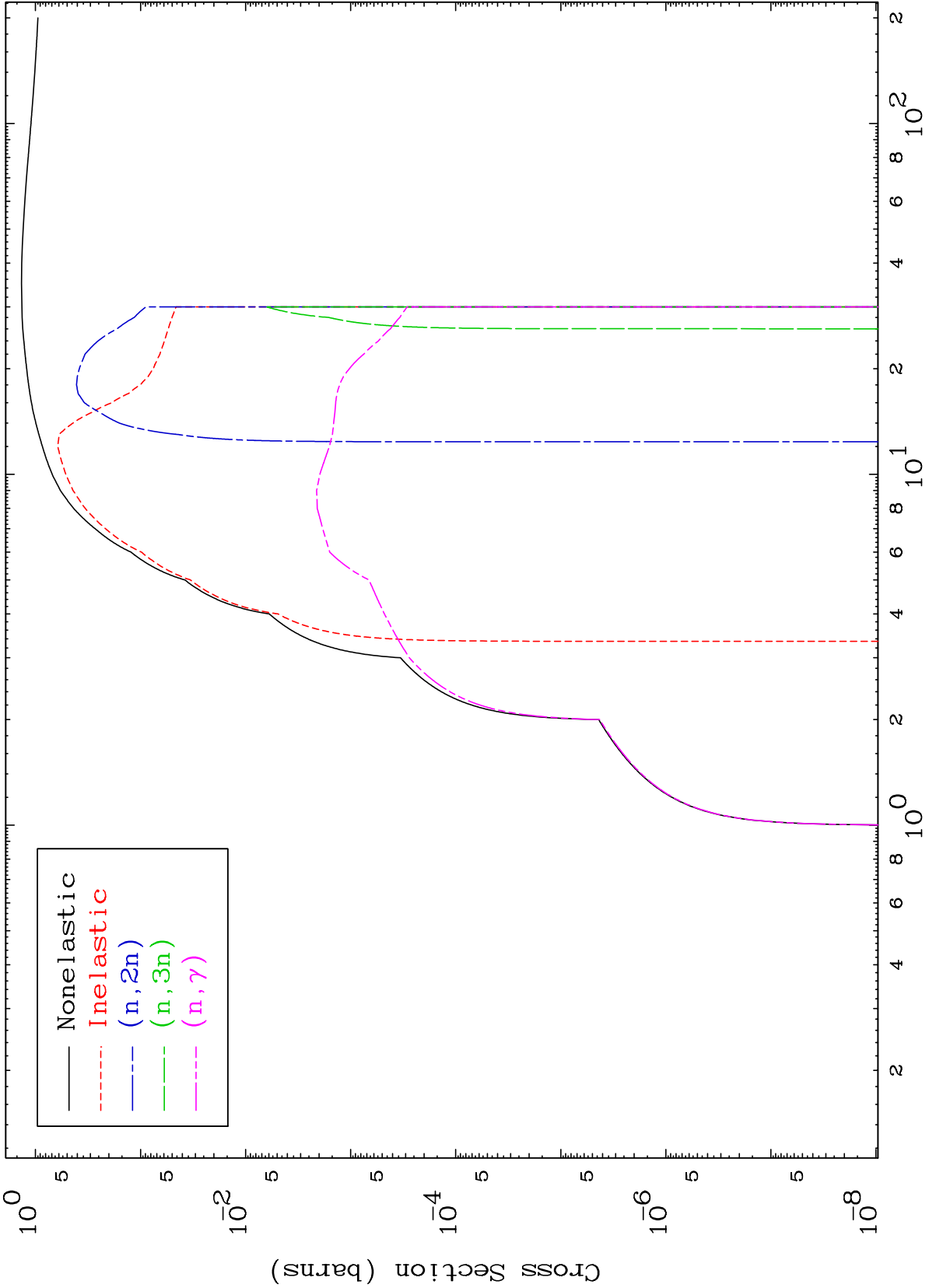
Press Mouse Button to Start

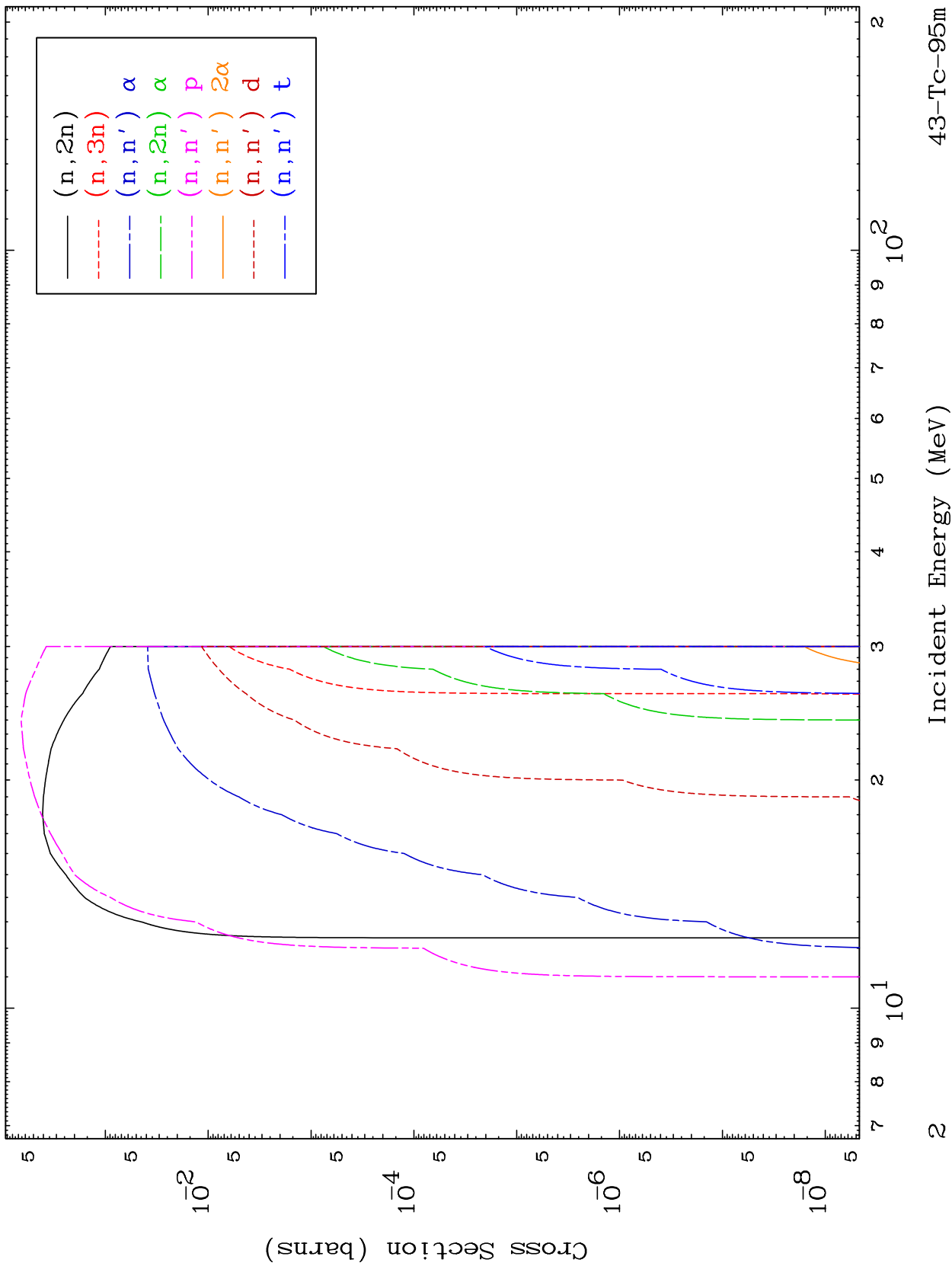
MAT 4314

Proton Major

43-Tc-95m

0 Kelvin Cross Sections

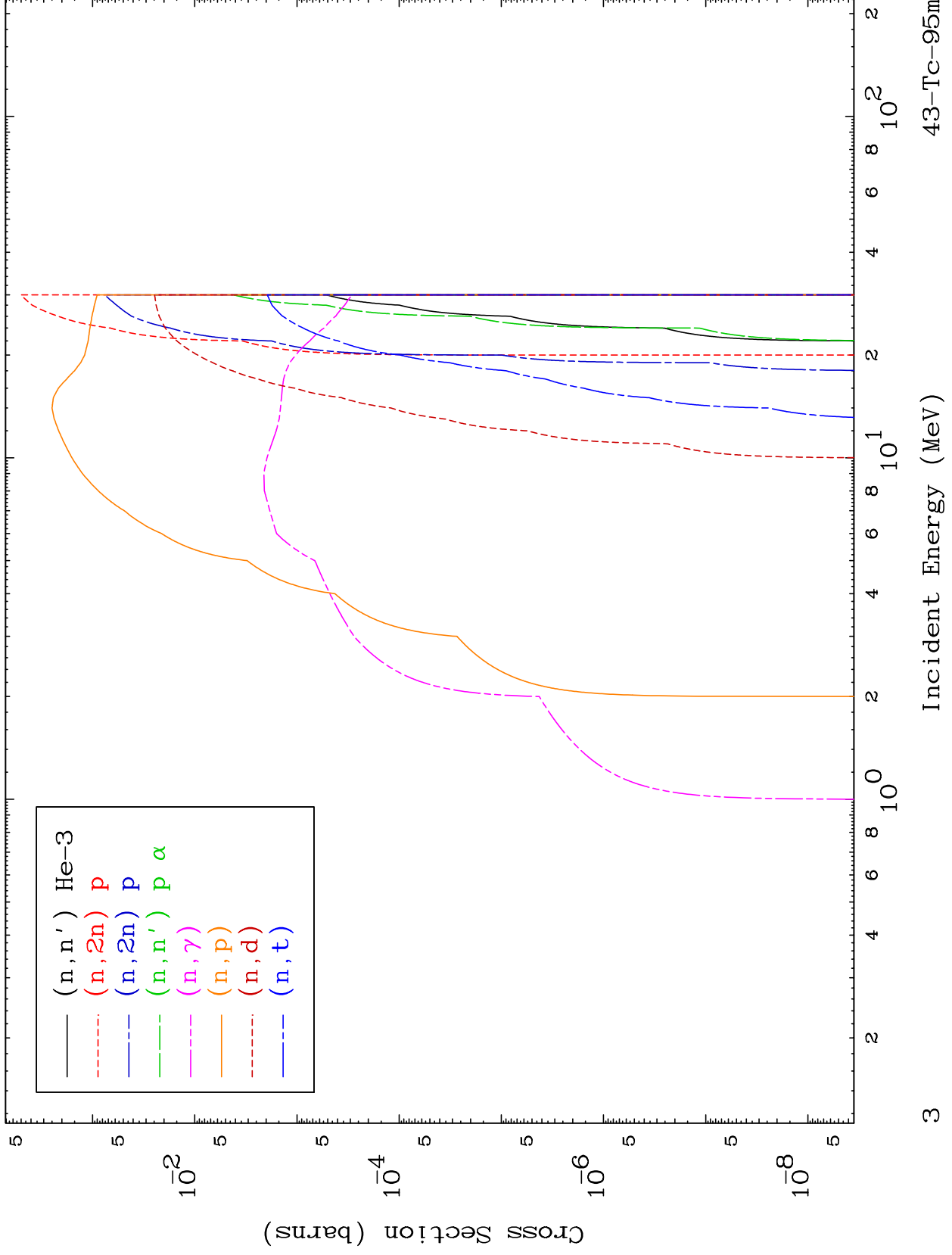




MAT 4314

Proton Neutron Absorption
0 Kelvin Cross Sections

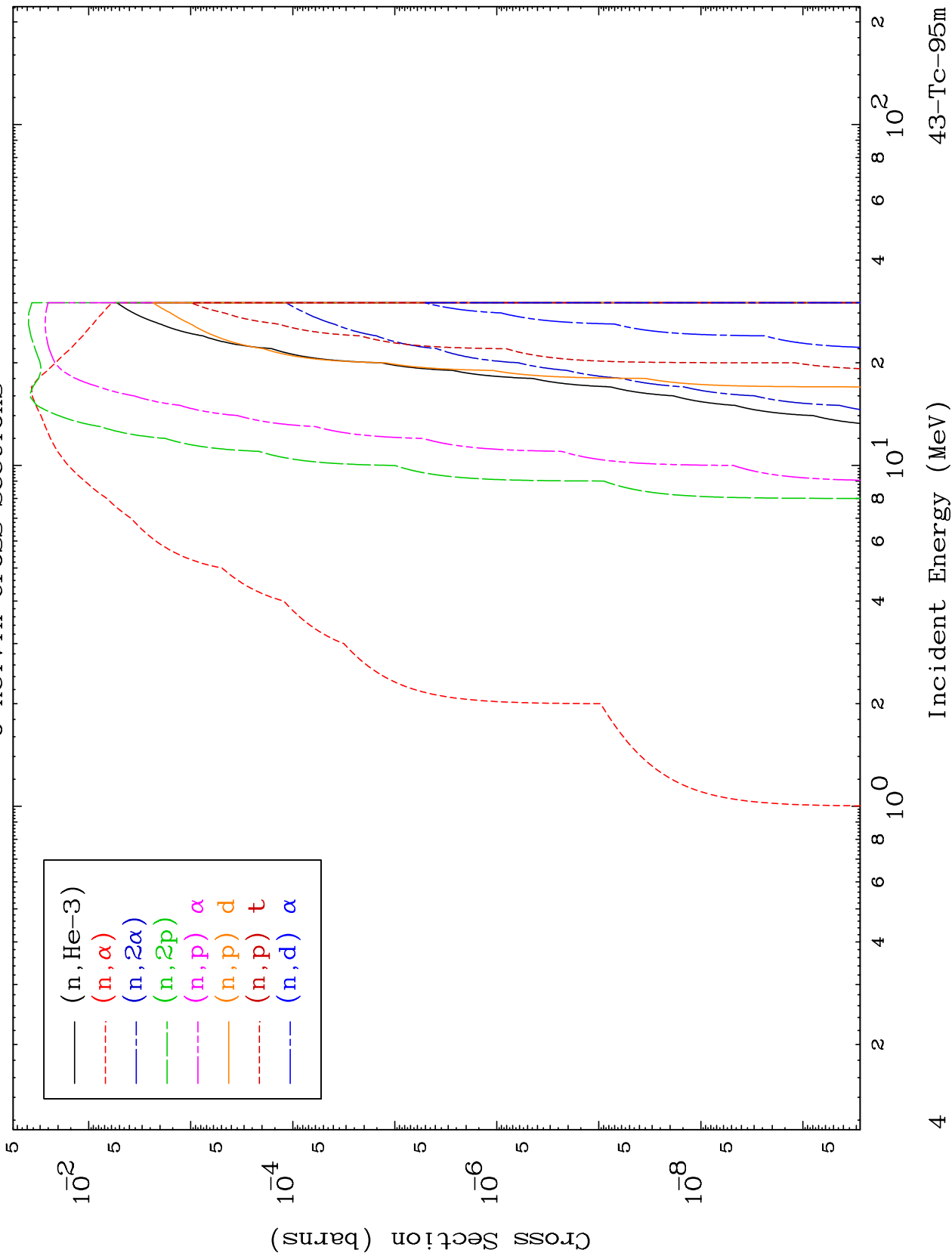
43-Tc-95m



MAT 4314

Proton Neutron Absorption
0 Kelvin Cross Sections

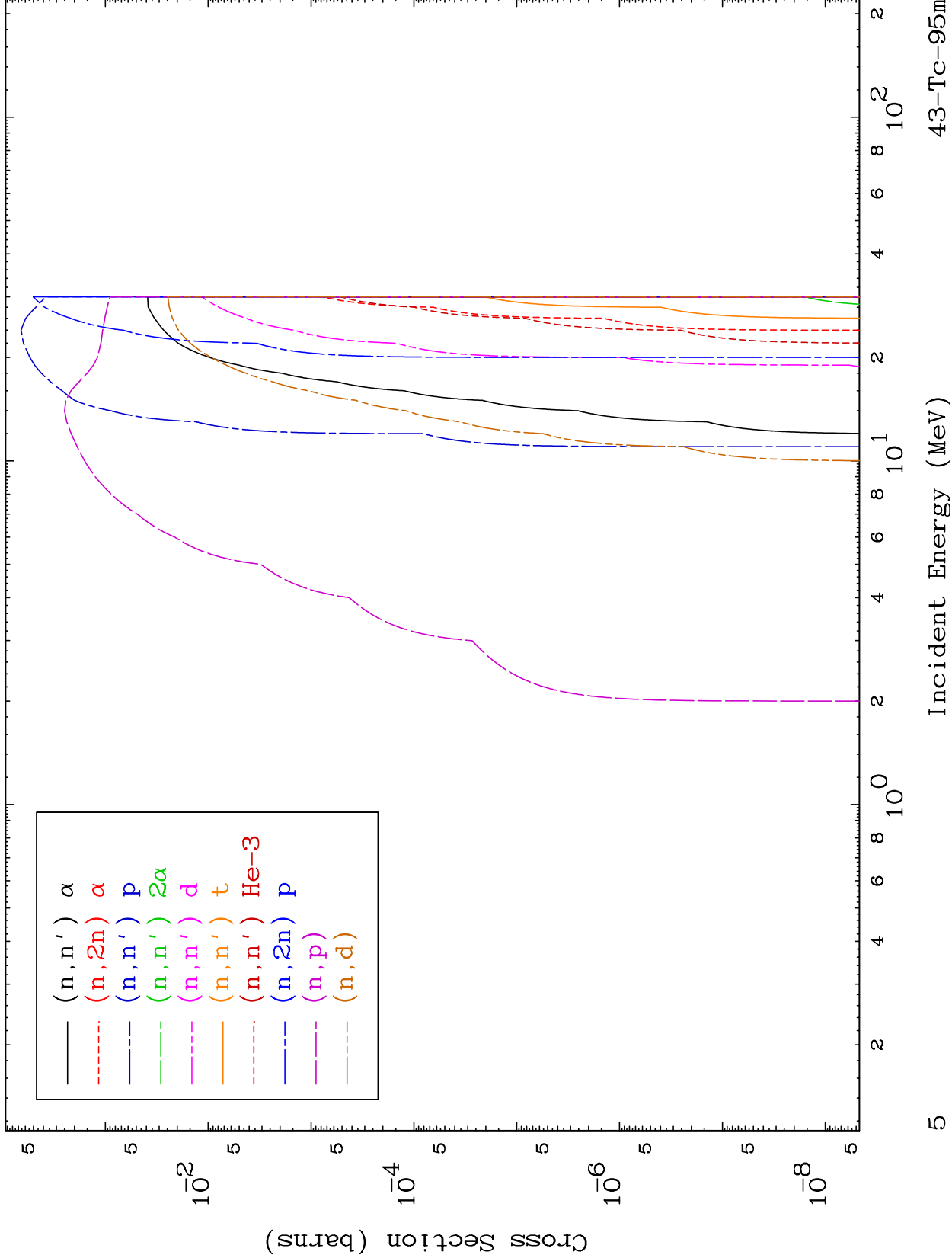
43-Tc-95m



MAT 4314

Proton Charged Particle
0 Kelvin Cross Sections

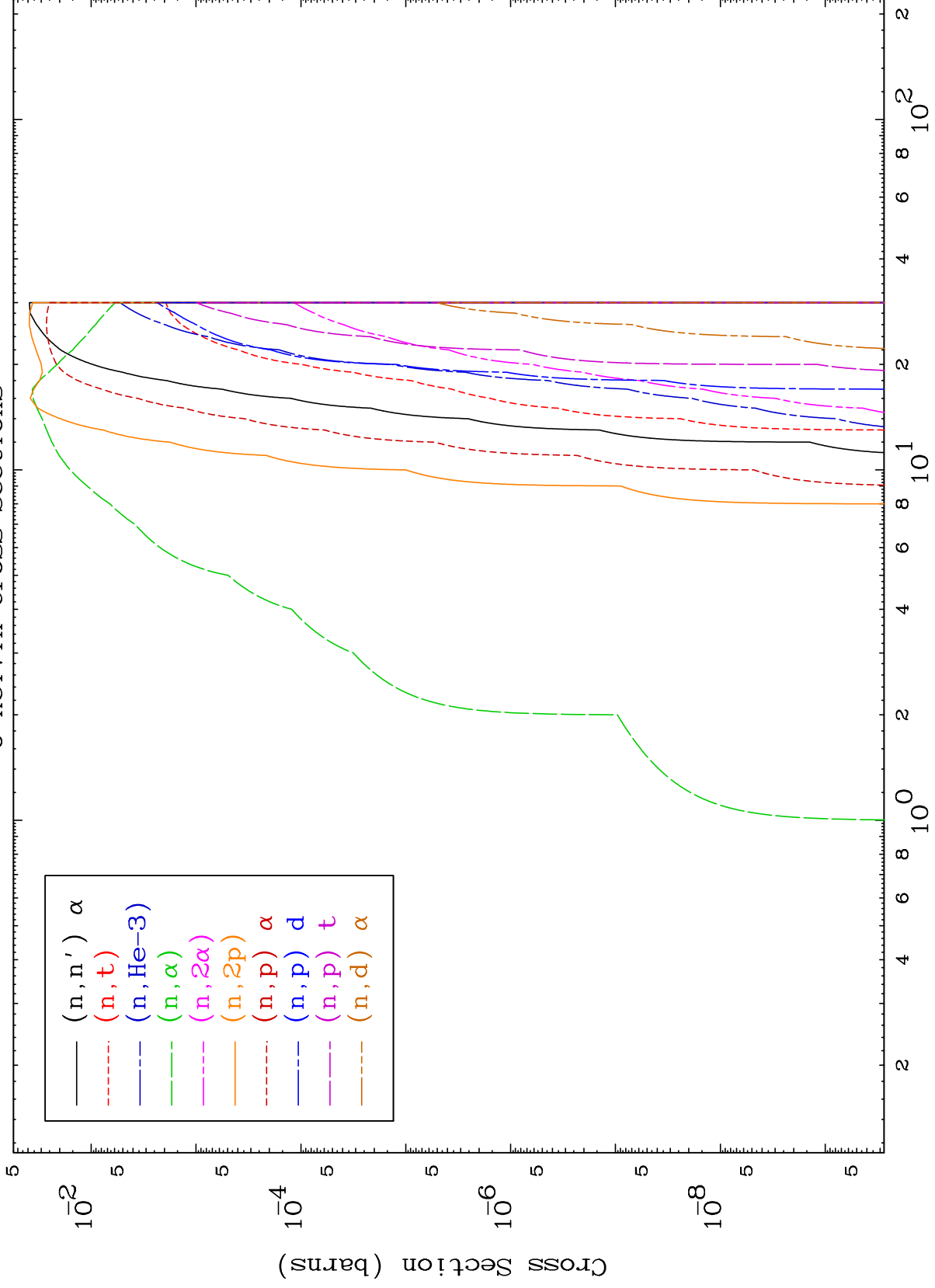
43-Tc-95m



MAT 4314

Proton Charged Particle
0 Kelvin Cross Sections

43-Tc-95m

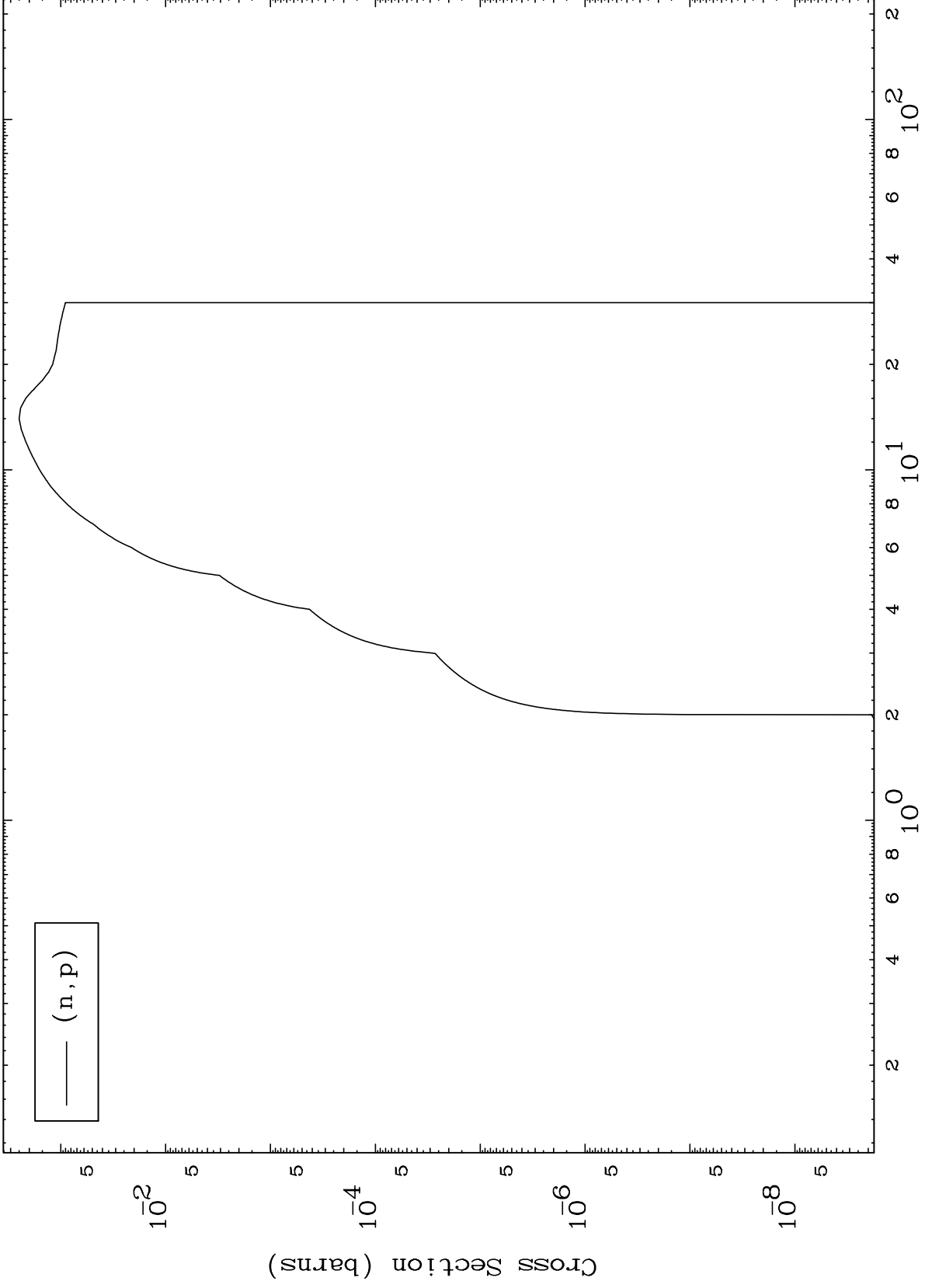


MAT 4314

(p,p) Levels

43-Tc-95m

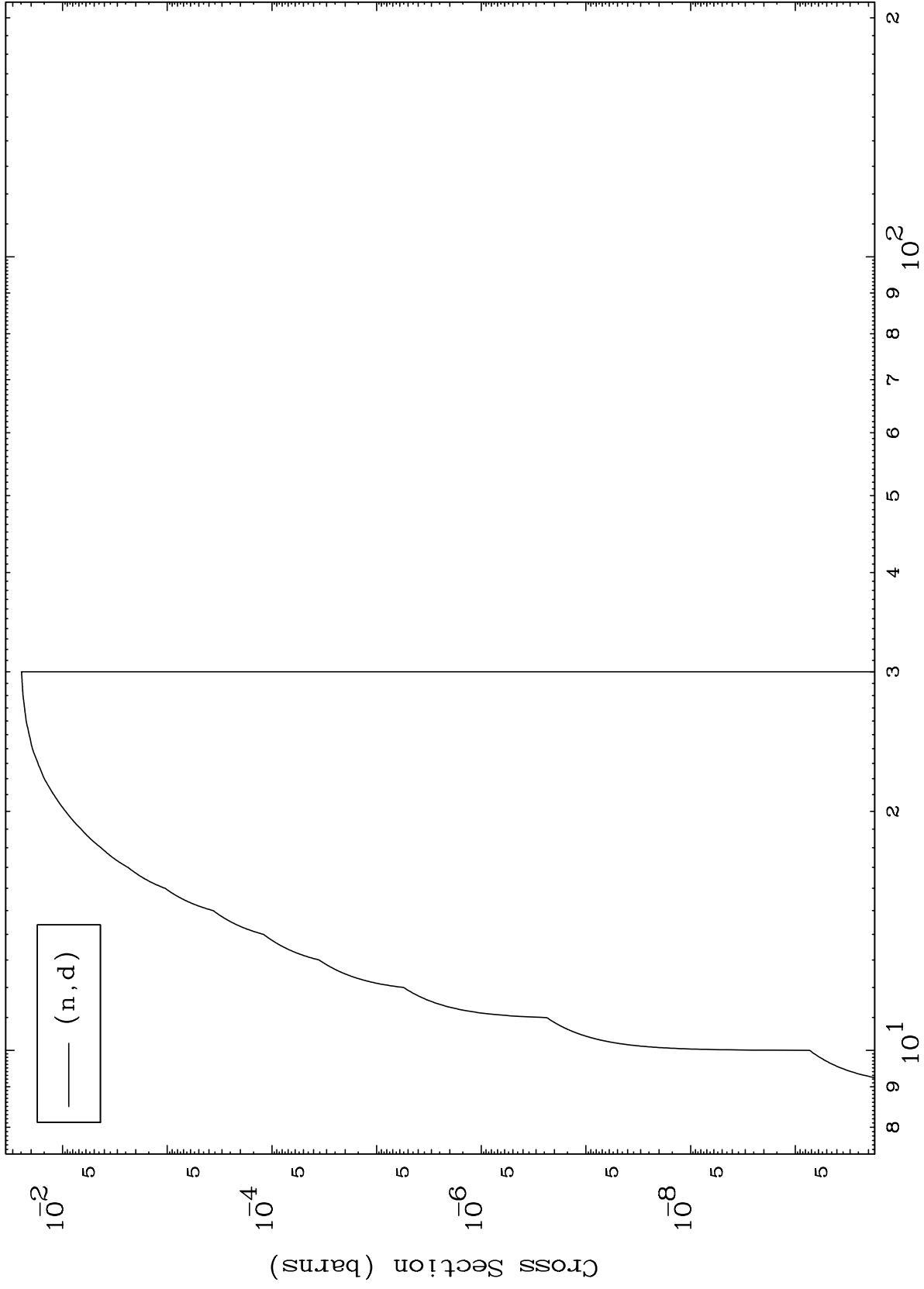
0 Kelvin Cross Sections



MAT 4314

(p,d) Levels
0 Kelvin Cross Sections

43-Tc-95m



8

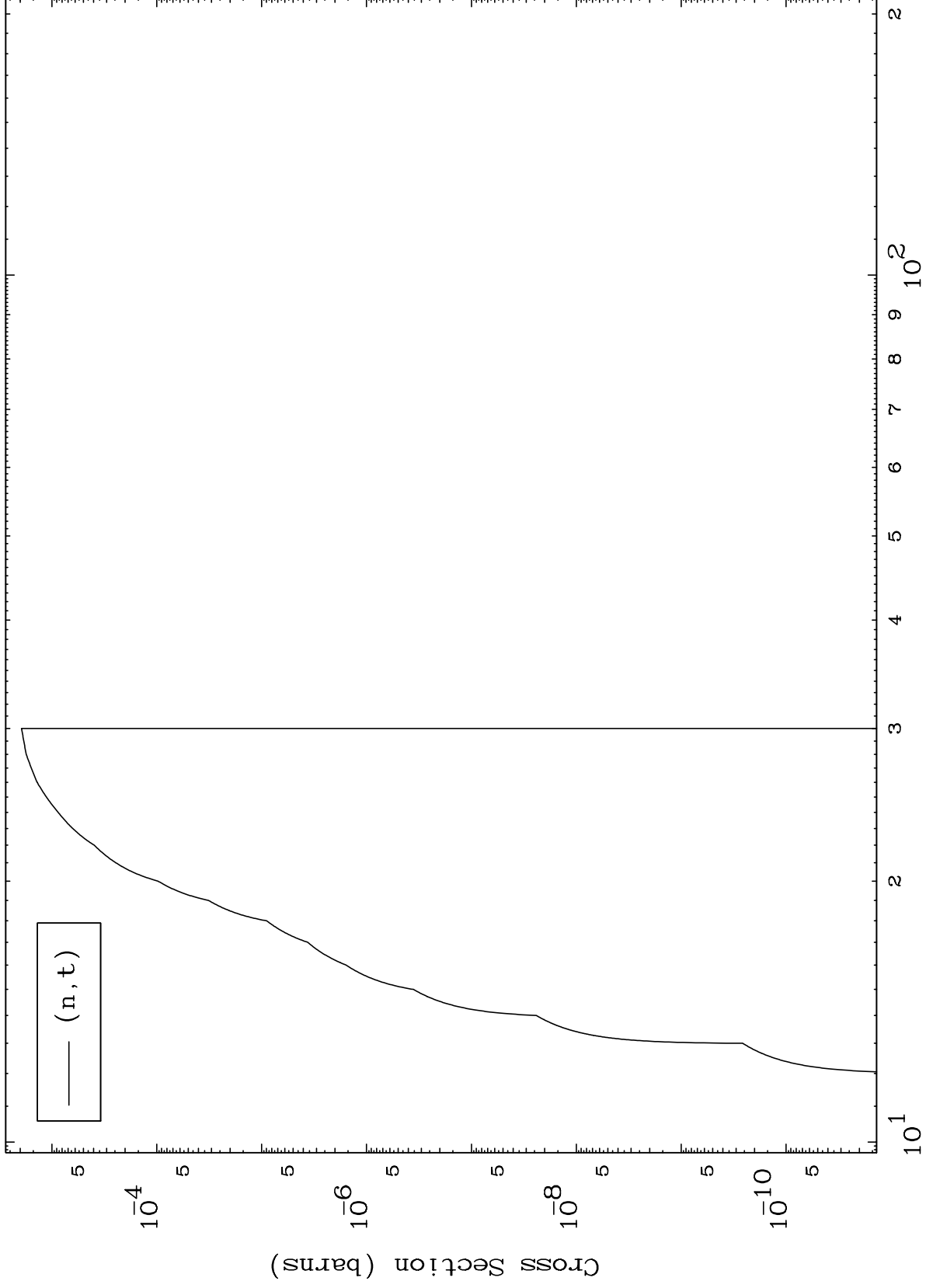
Incident Energy (MeV)

43-Tc-95m

MAT 4314

(p,t) Levels
0 Kelvin Cross Sections

43-Tc-95m



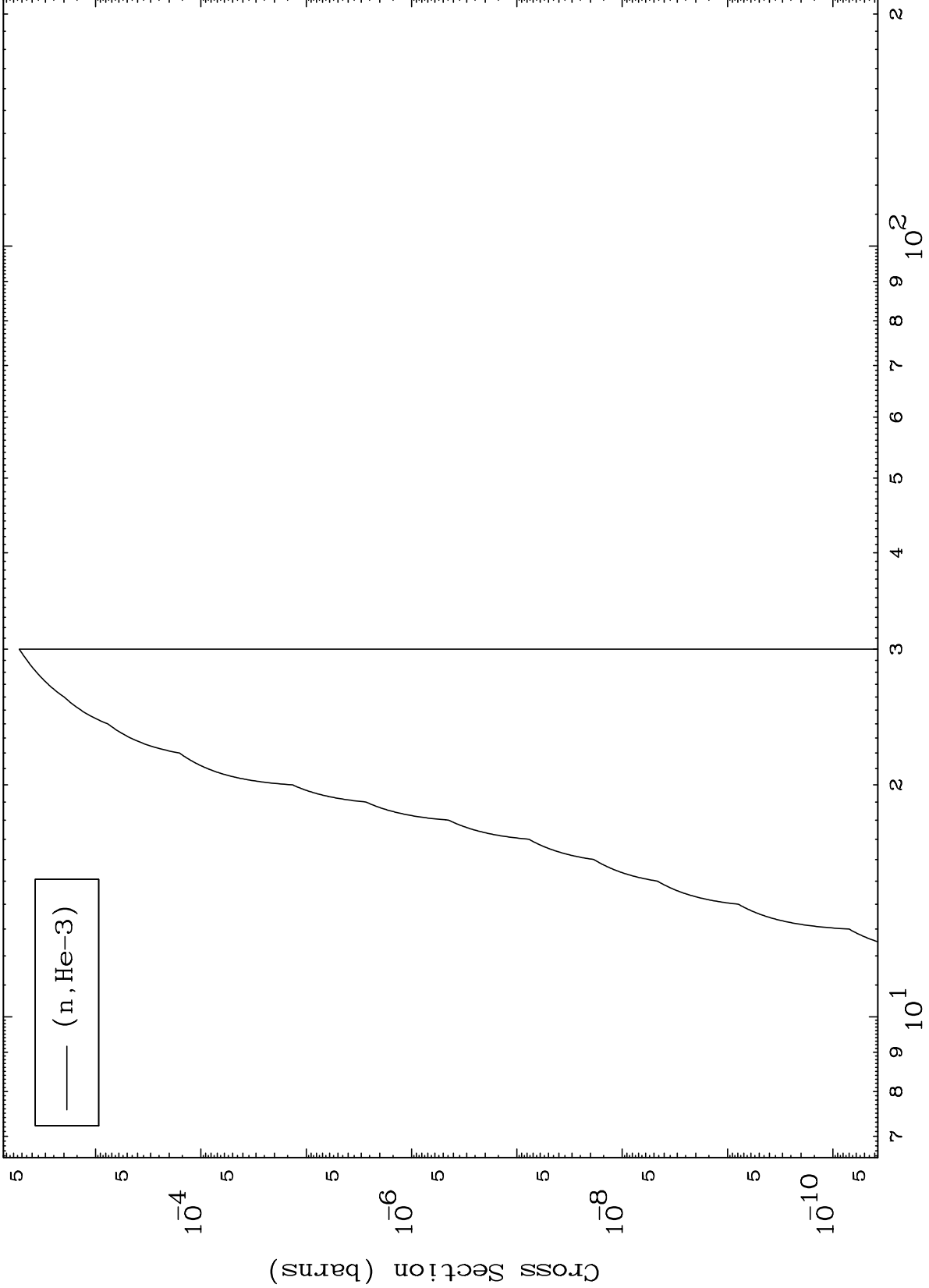
Incident Energy (MeV)

43-Tc-95m

MAT 4314

(p,He3) Levels
0 Kelvin Cross Sections

43-Tc-95m



10

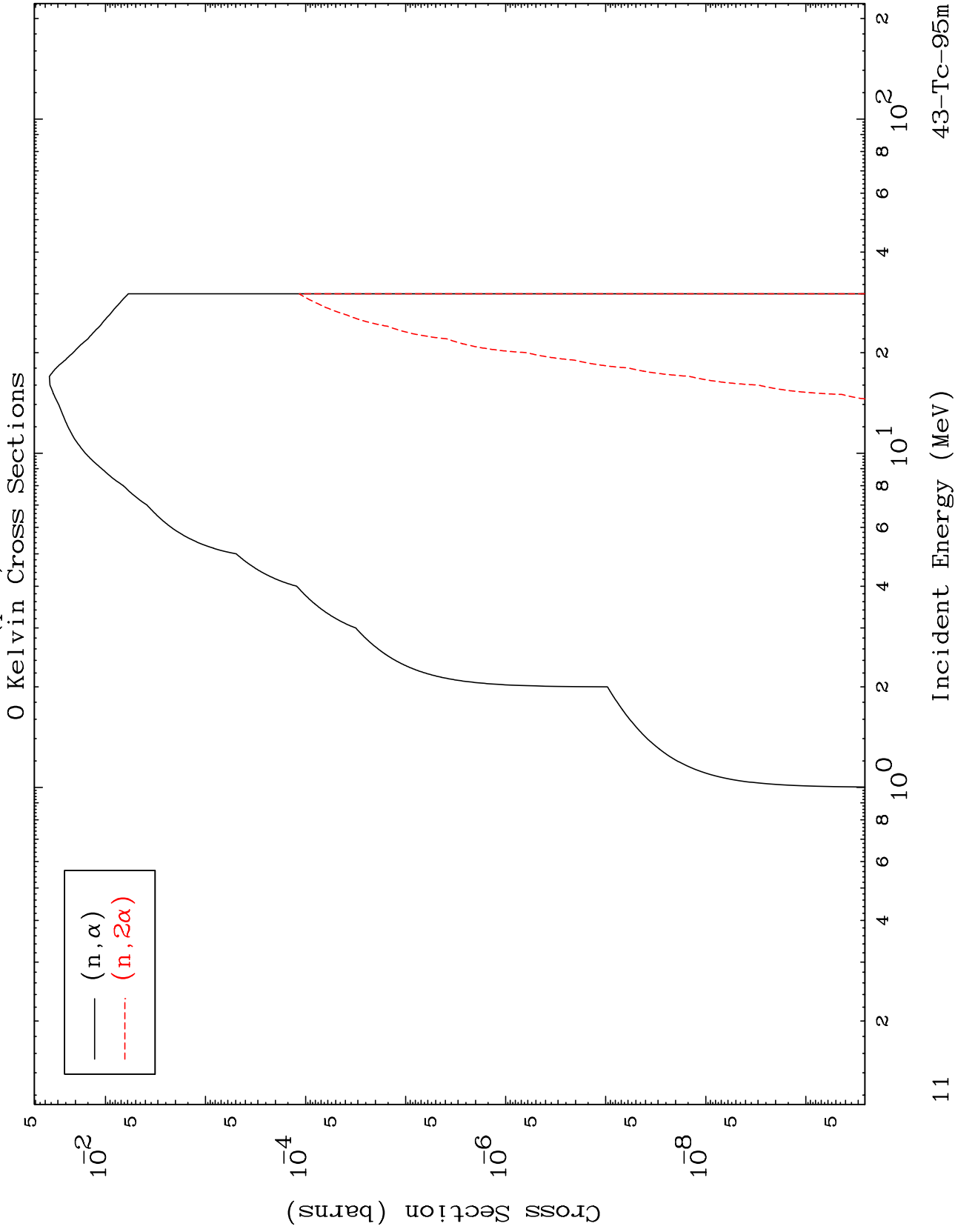
Incident Energy (MeV)

43-Tc-95m

MAT 4314

(p, α) Levels

43-Tc-95m

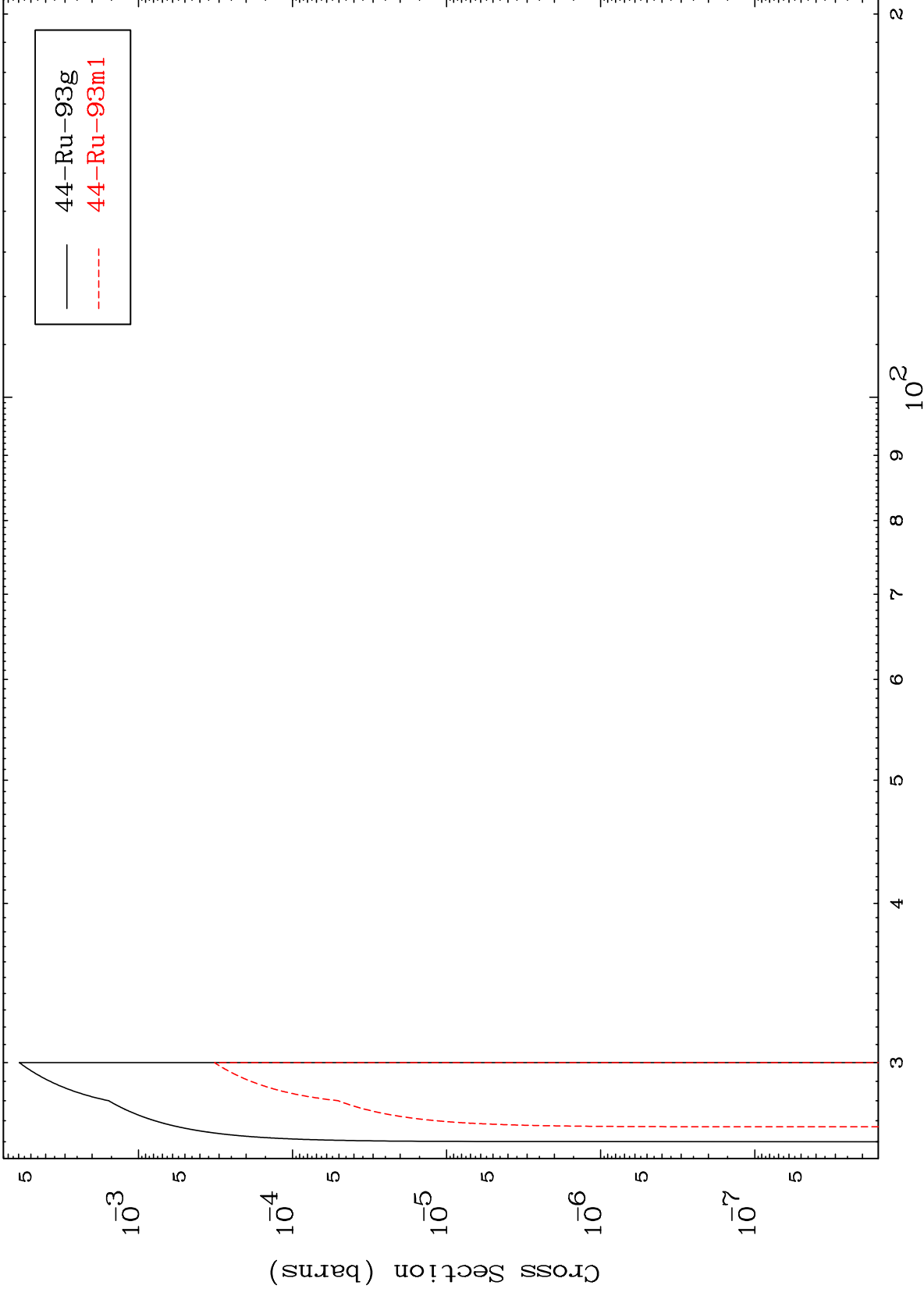


MAT 4314

(n,3n)

43-Tc-95m

Radionuclide Production Cross Section



44-Ru-93g
44-Ru-93m1

12

Incident Energy (MeV)

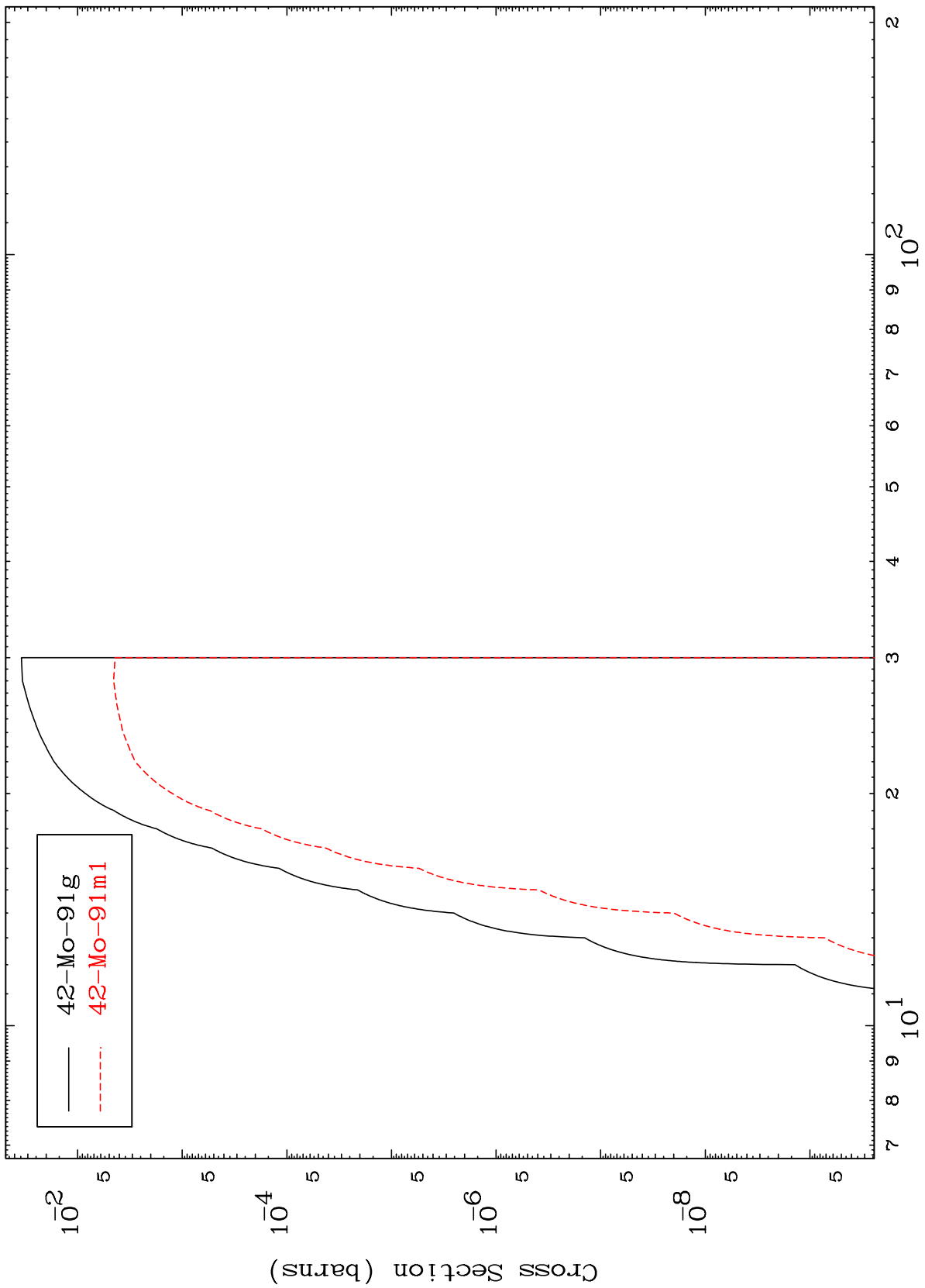
43-Tc-95m

MAT 4314

(n,n') α

43-Tc-95m

Radionuclide Production Cross Section



— 42-Mo-91g
- - - 42-Mo-91m1

Incident Energy (MeV)

43-Tc-95m

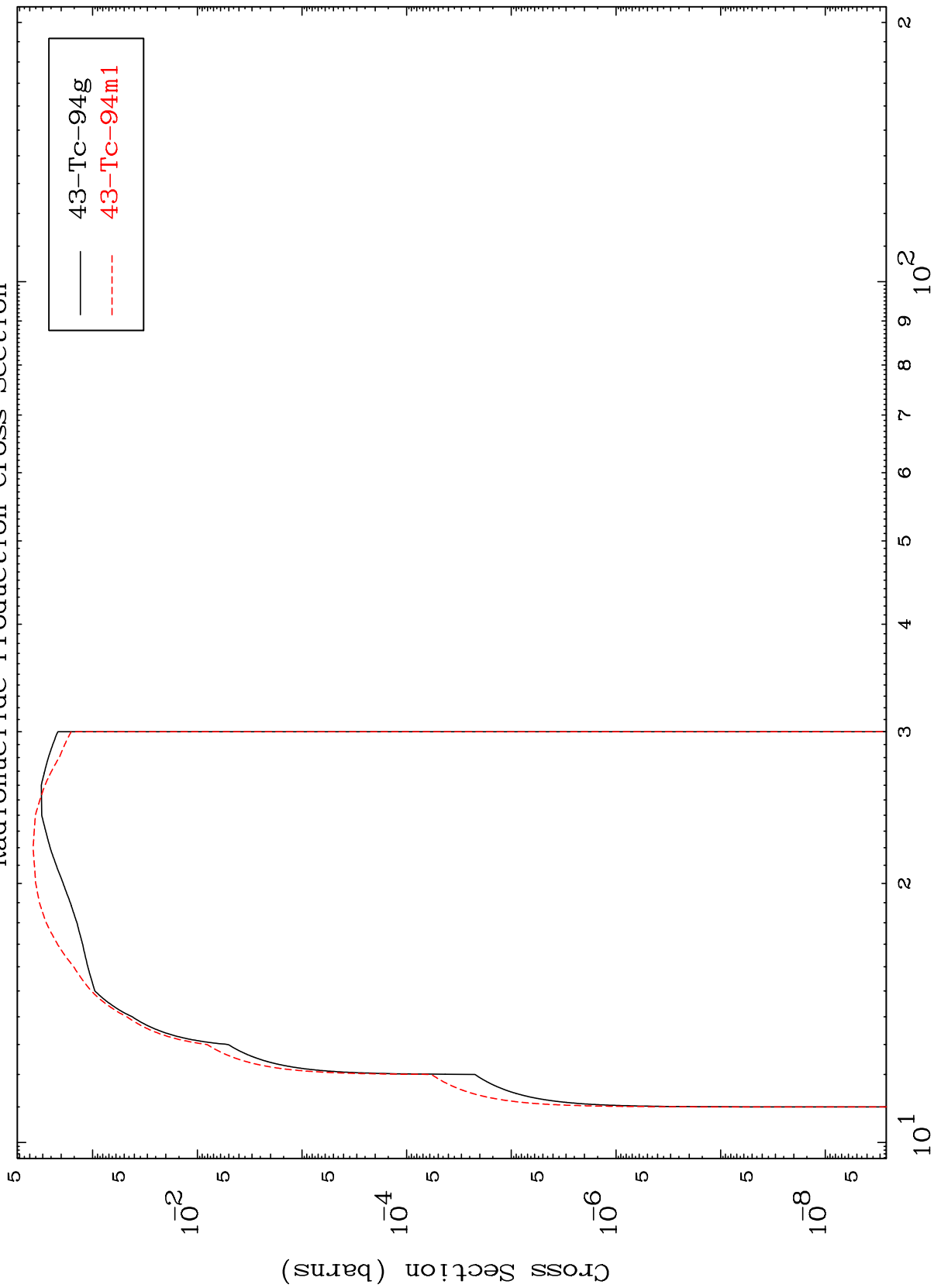
13

MAT 4314

(n,n') p

43-Tc-95m

Radionuclide Production Cross Section



Incident Energy (MeV)

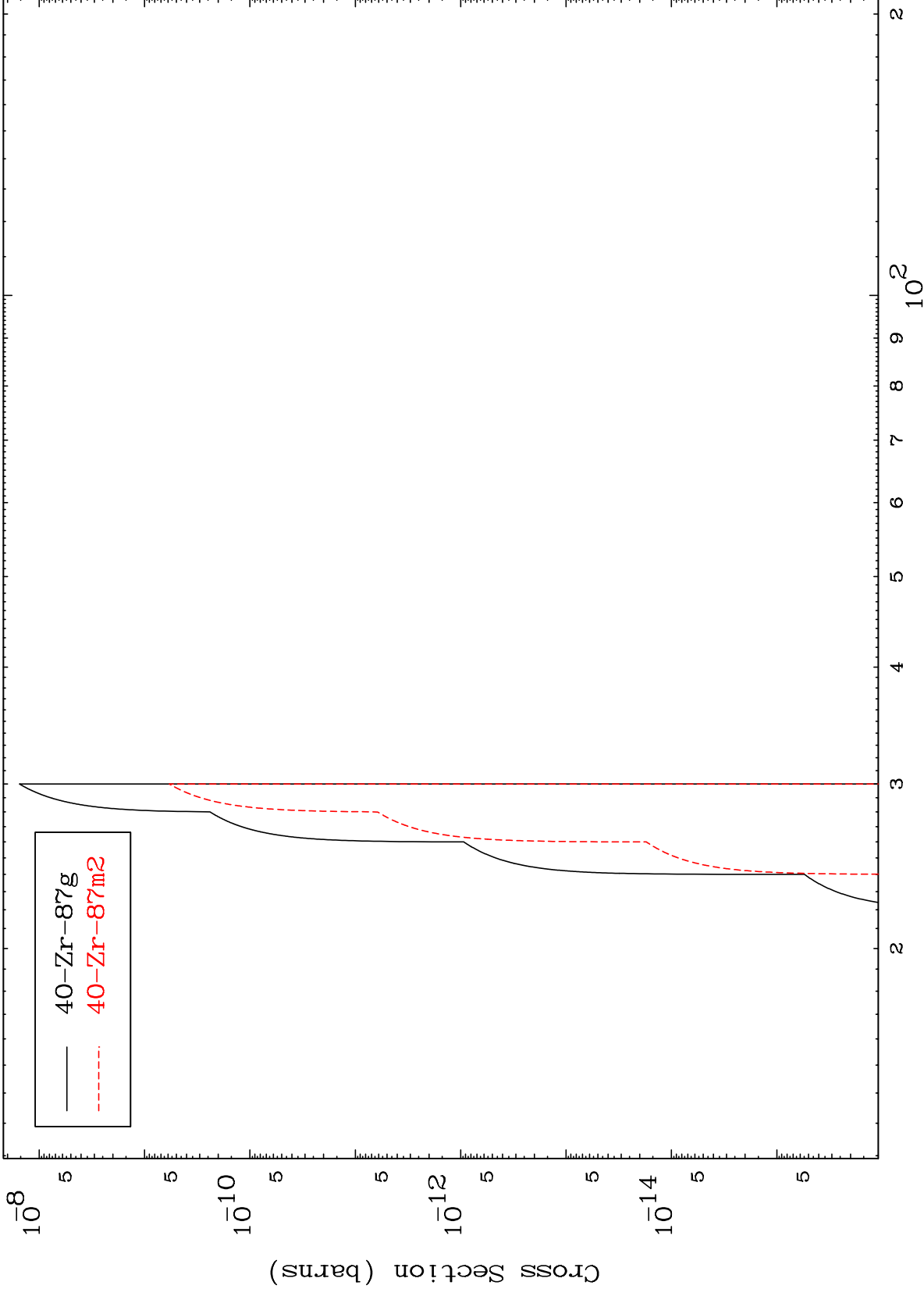
43-Tc-95m

MAT 4314

(n,n') 2α

43-Tc-95m

Radionuclide Production Cross Section



15

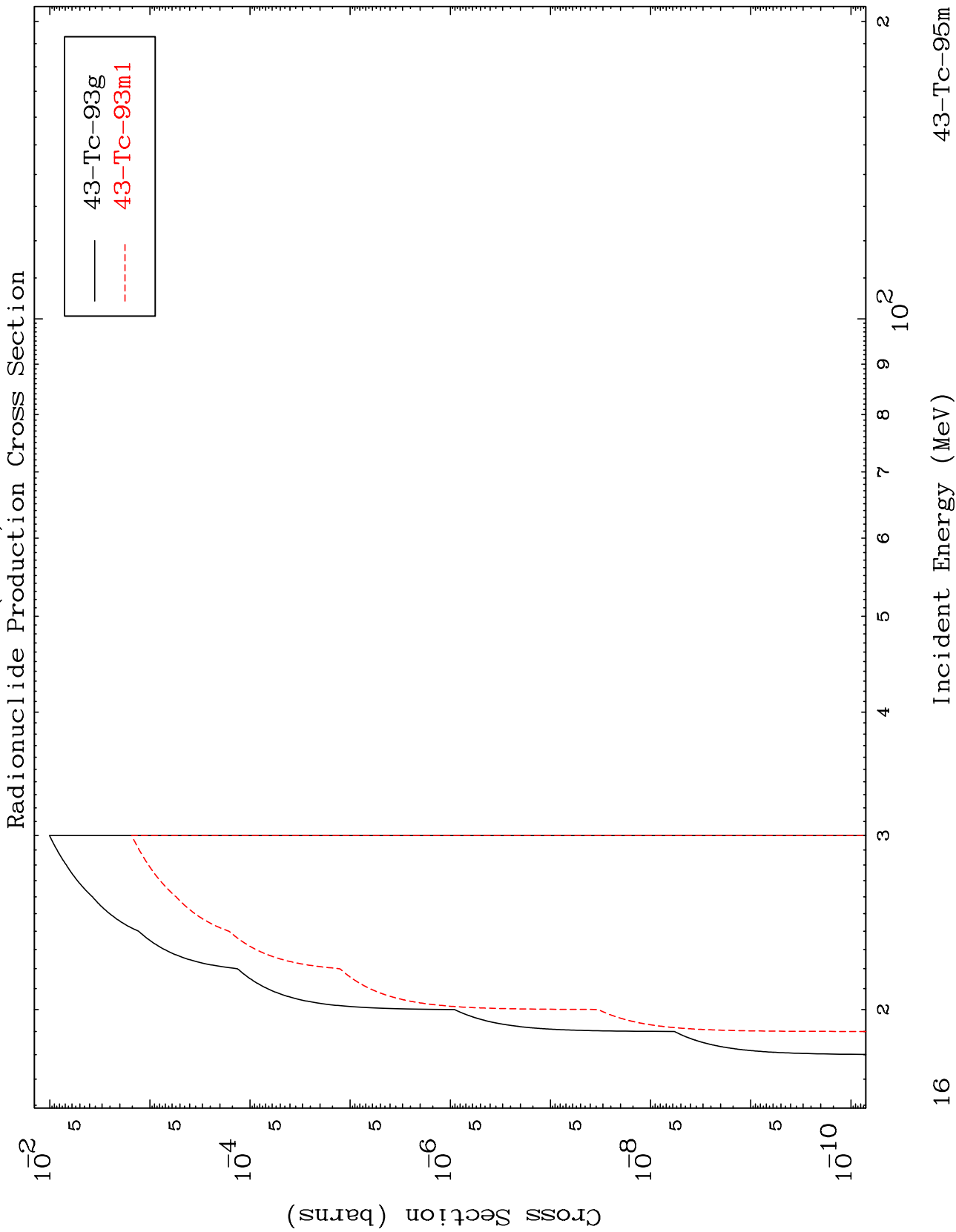
Incident Energy (MeV)

43-Tc-95m

MAT 4314

(n,n') d

43-Tc-95m



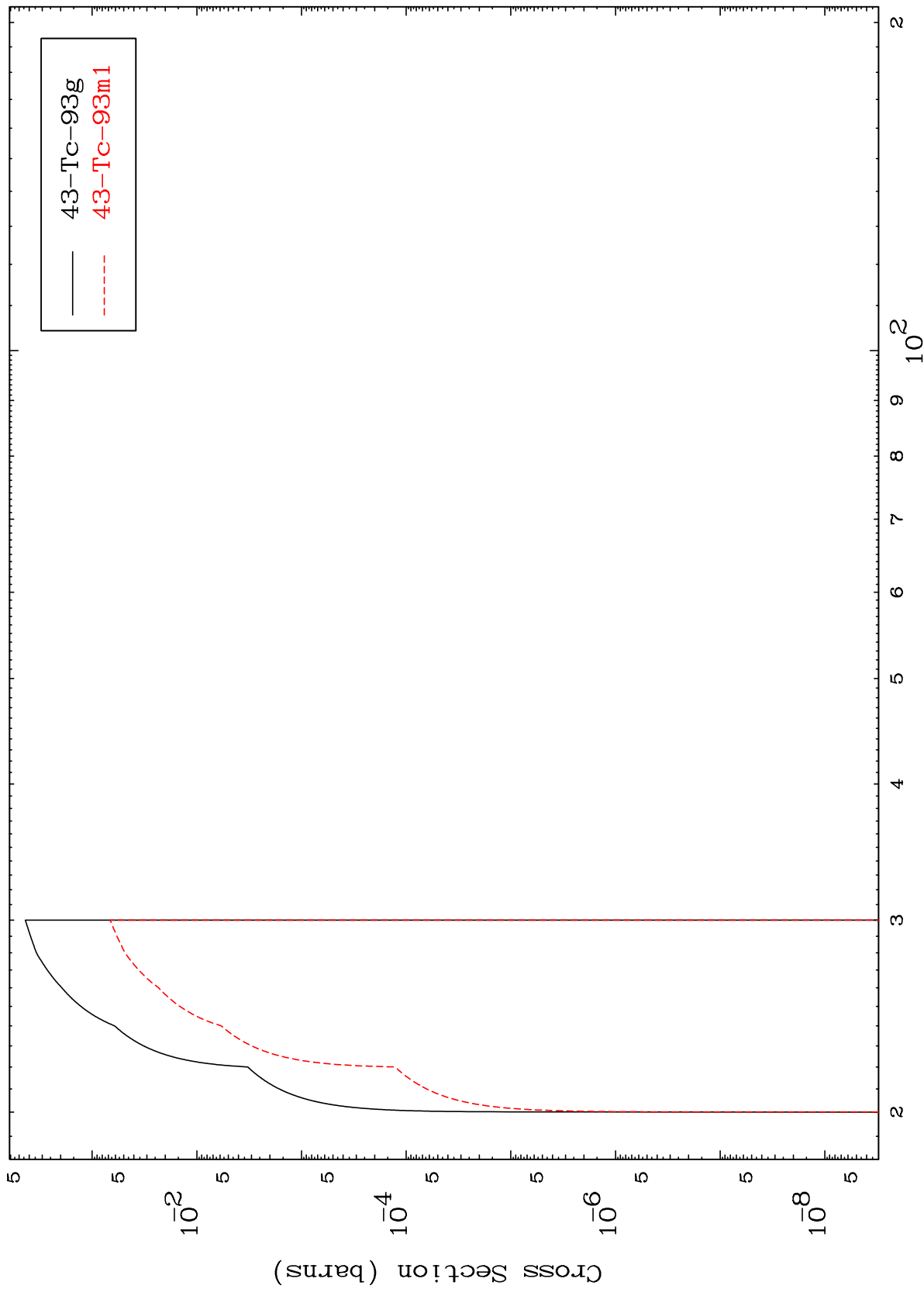
16

MAT 4314

(n,2n) p

43-Tc-95m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

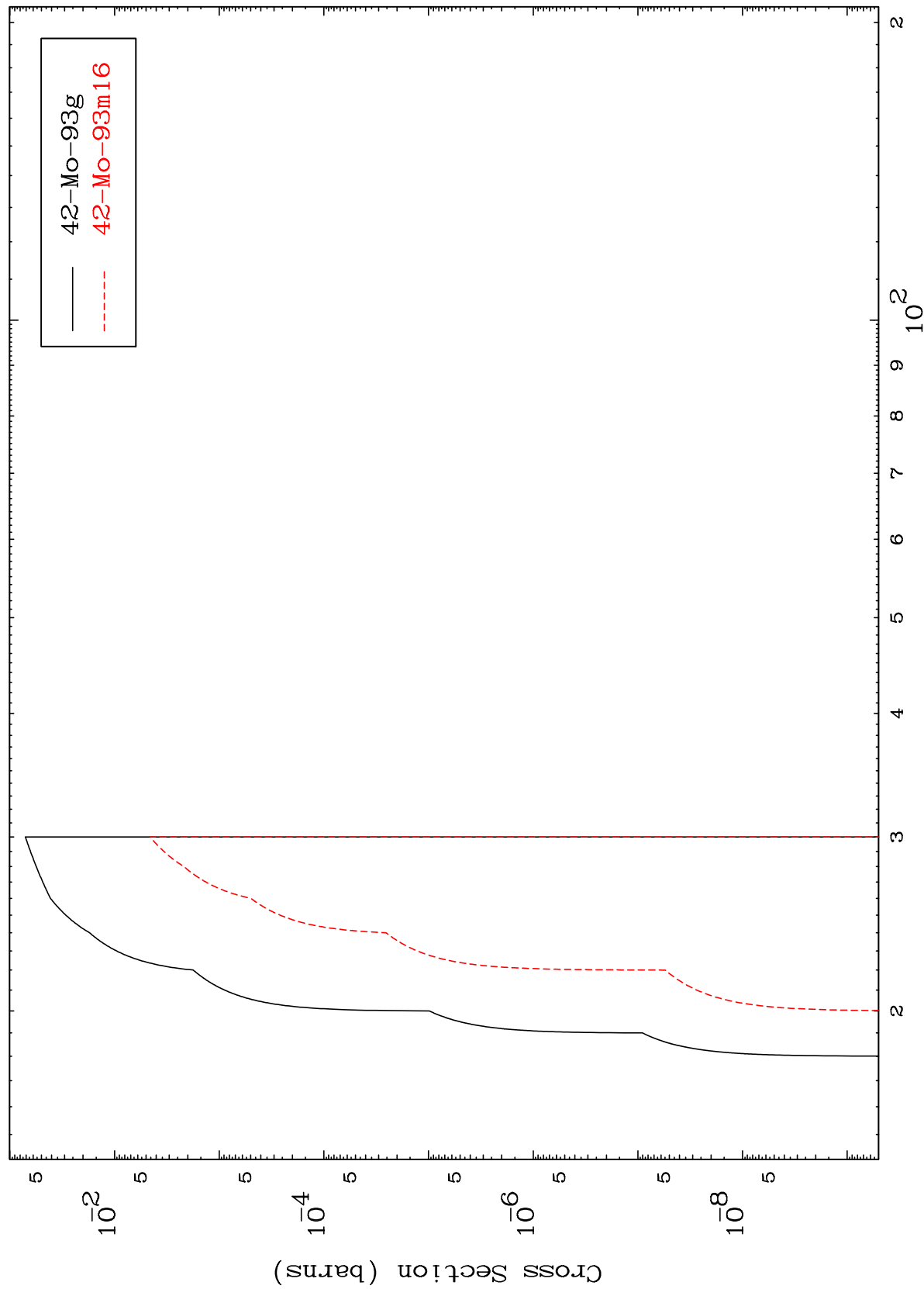
43-Tc-95m

MAT 4314

(n,2n) p

43-Tc-95m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

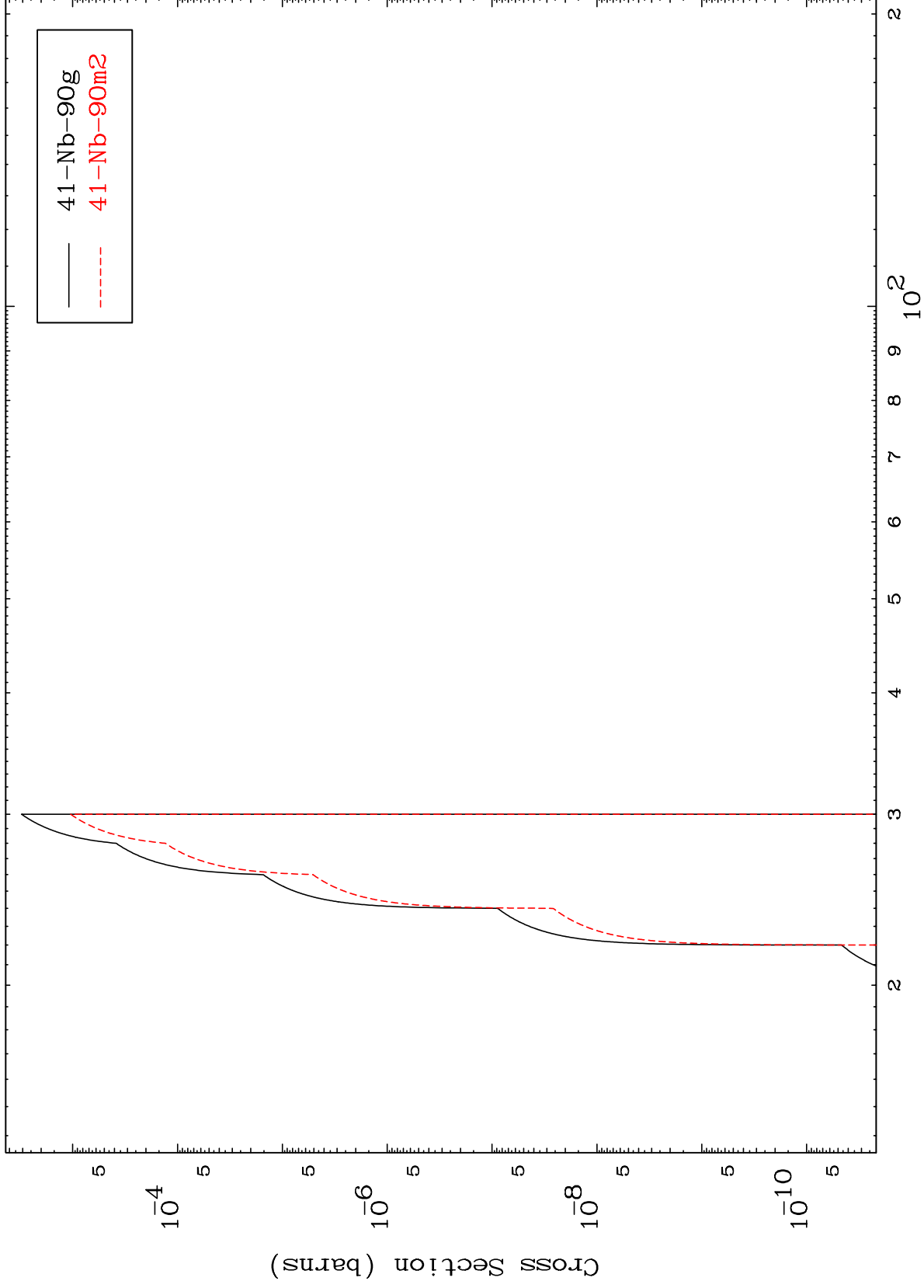
43-Tc-95m

MAT 4314

(n,n') p α

43-Tc-95m

Radionuclide Production Cross Section



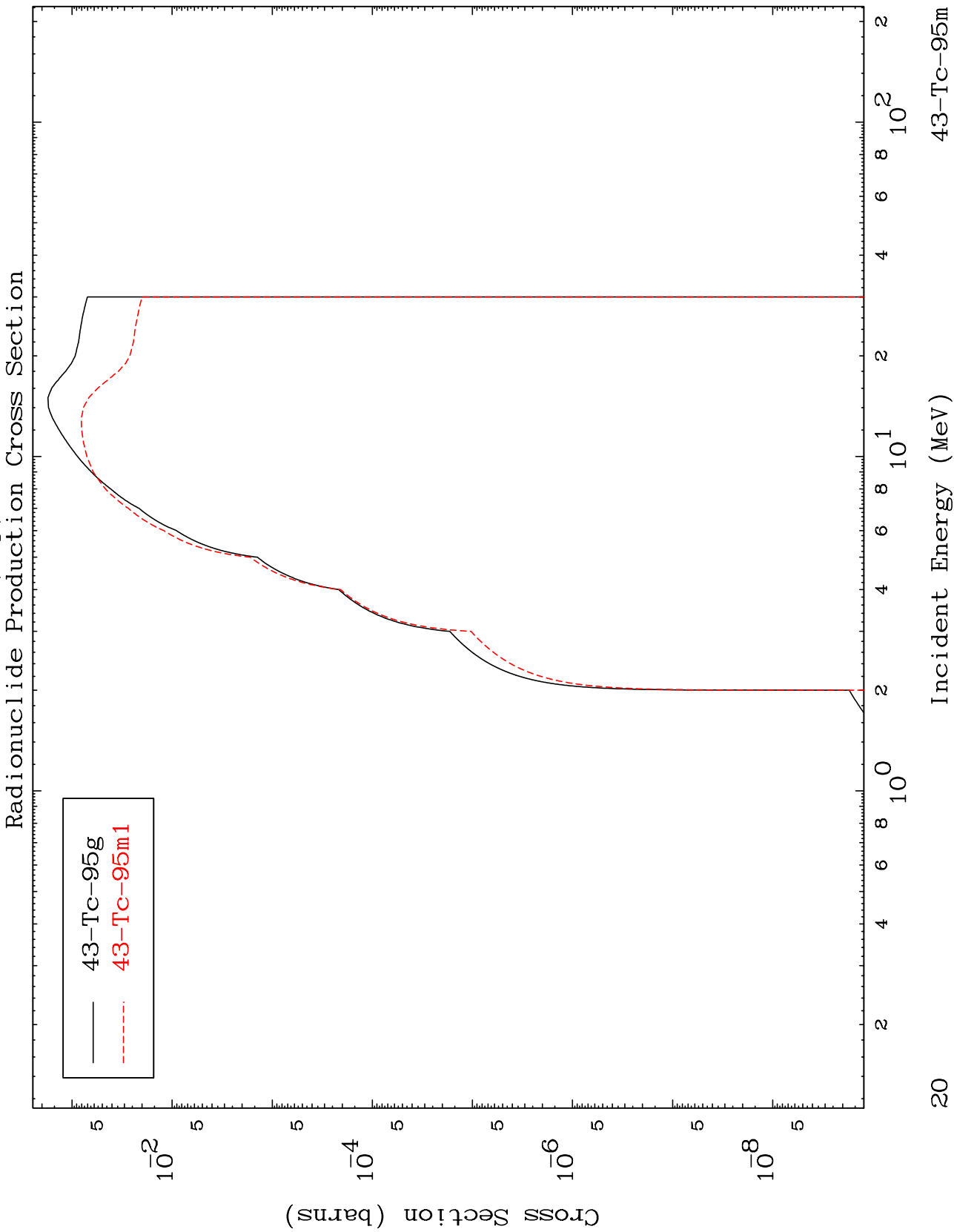
19

Incident Energy (MeV)

43-Tc-95m

MAT 4314

⁴³Tc-95m



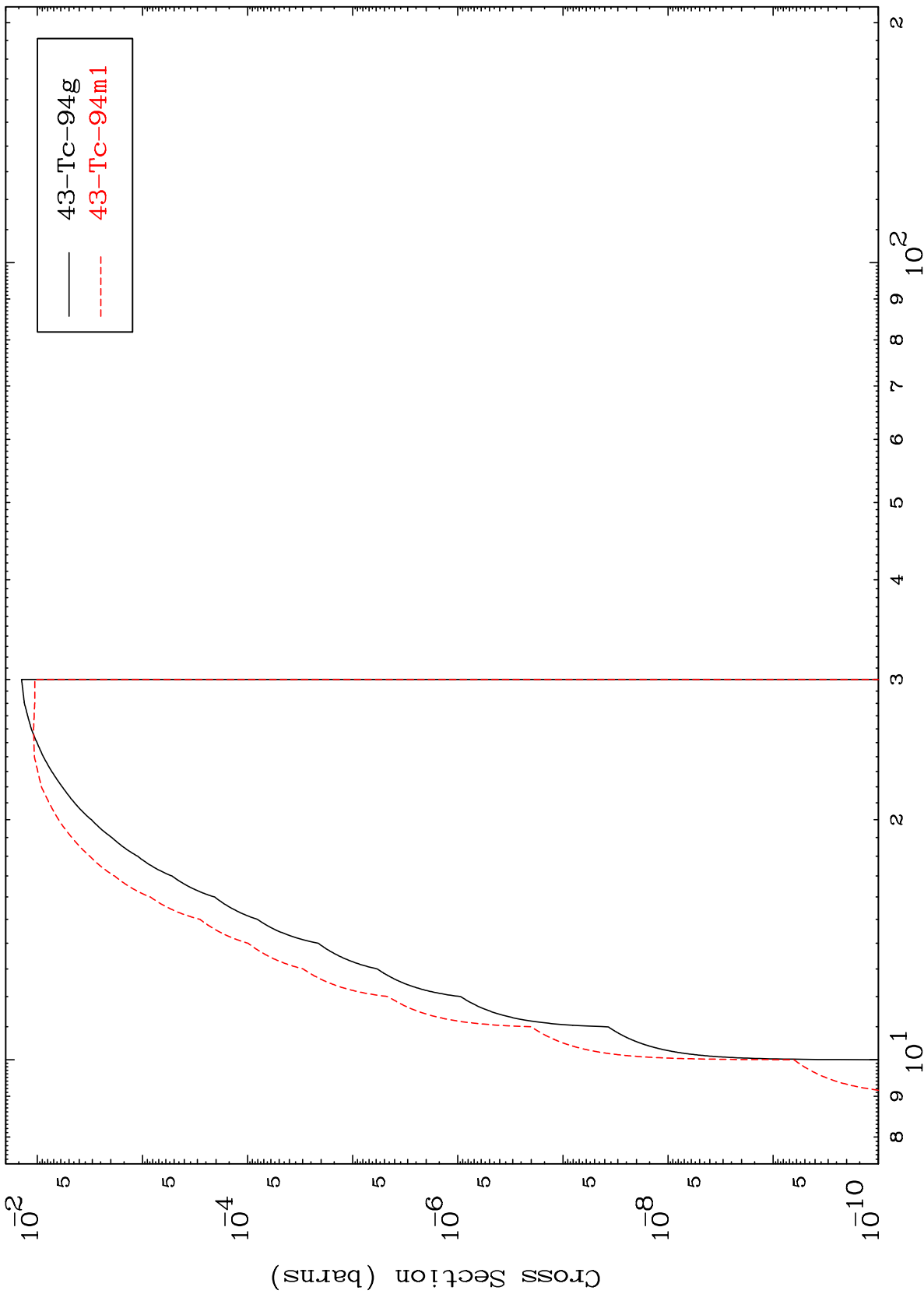
— 43-Tc-95g
- - - 43-Tc-95m1

MAT 4314

(n,d)

43-Tc-95m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

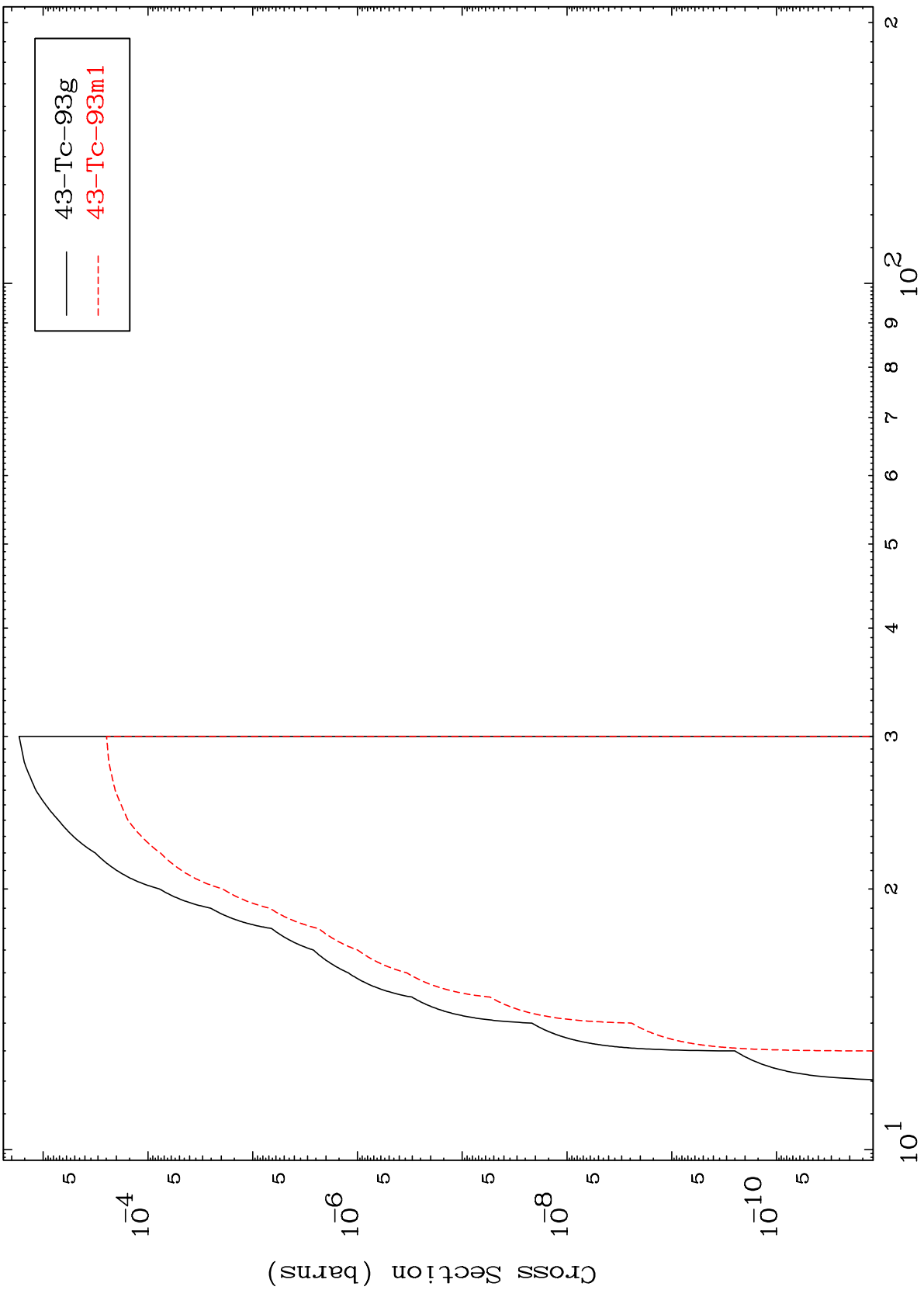
43-Tc-95m

MAT 4314

(n, t)

43-Tc-95m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

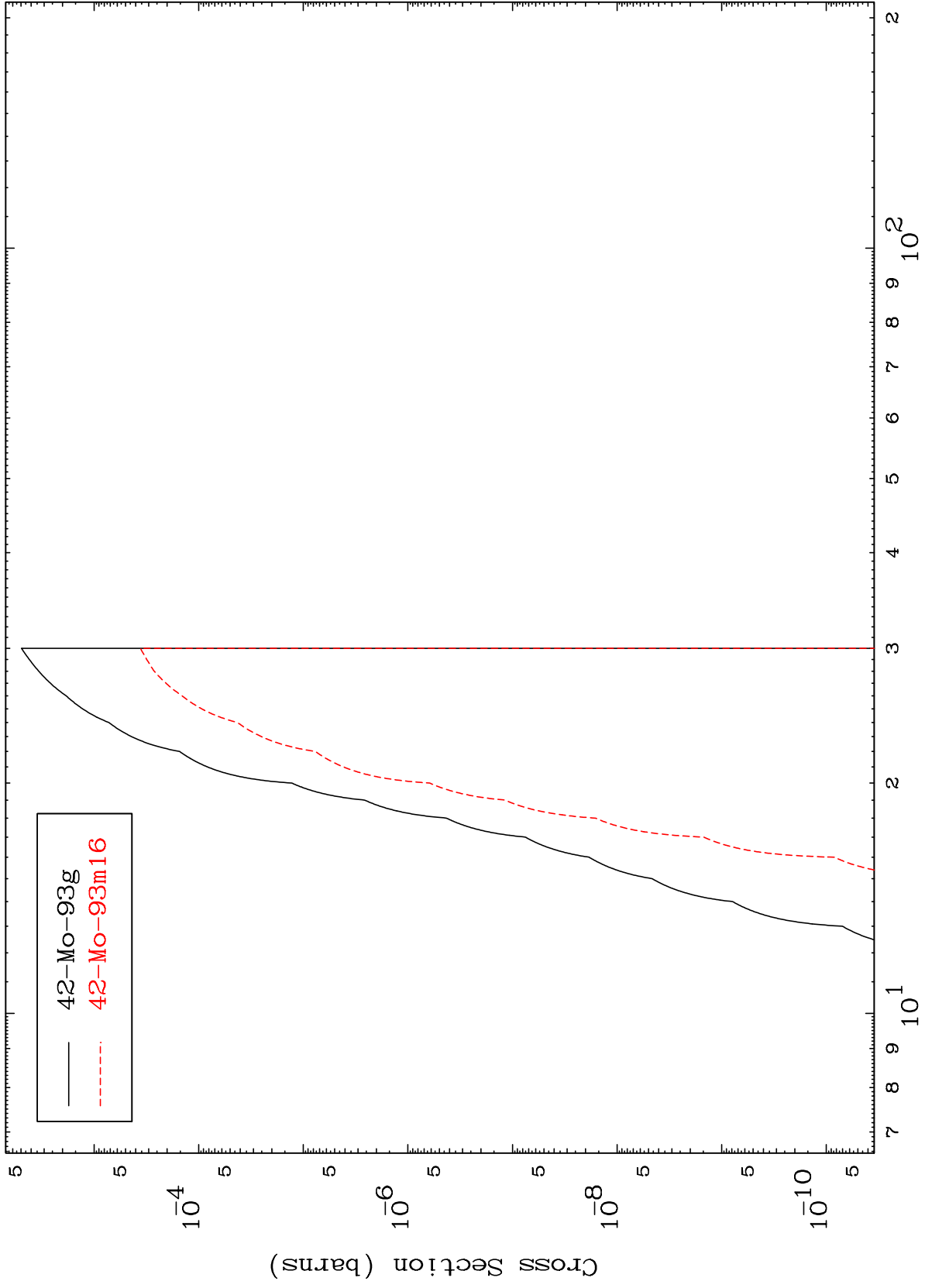
43-Tc-95m

MAT 4314

(n,He-3)

43-Tc-95m

Radionuclide Production Cross Section



42-Mo-93g
42-Mo-93m16

23

Incident Energy (MeV)

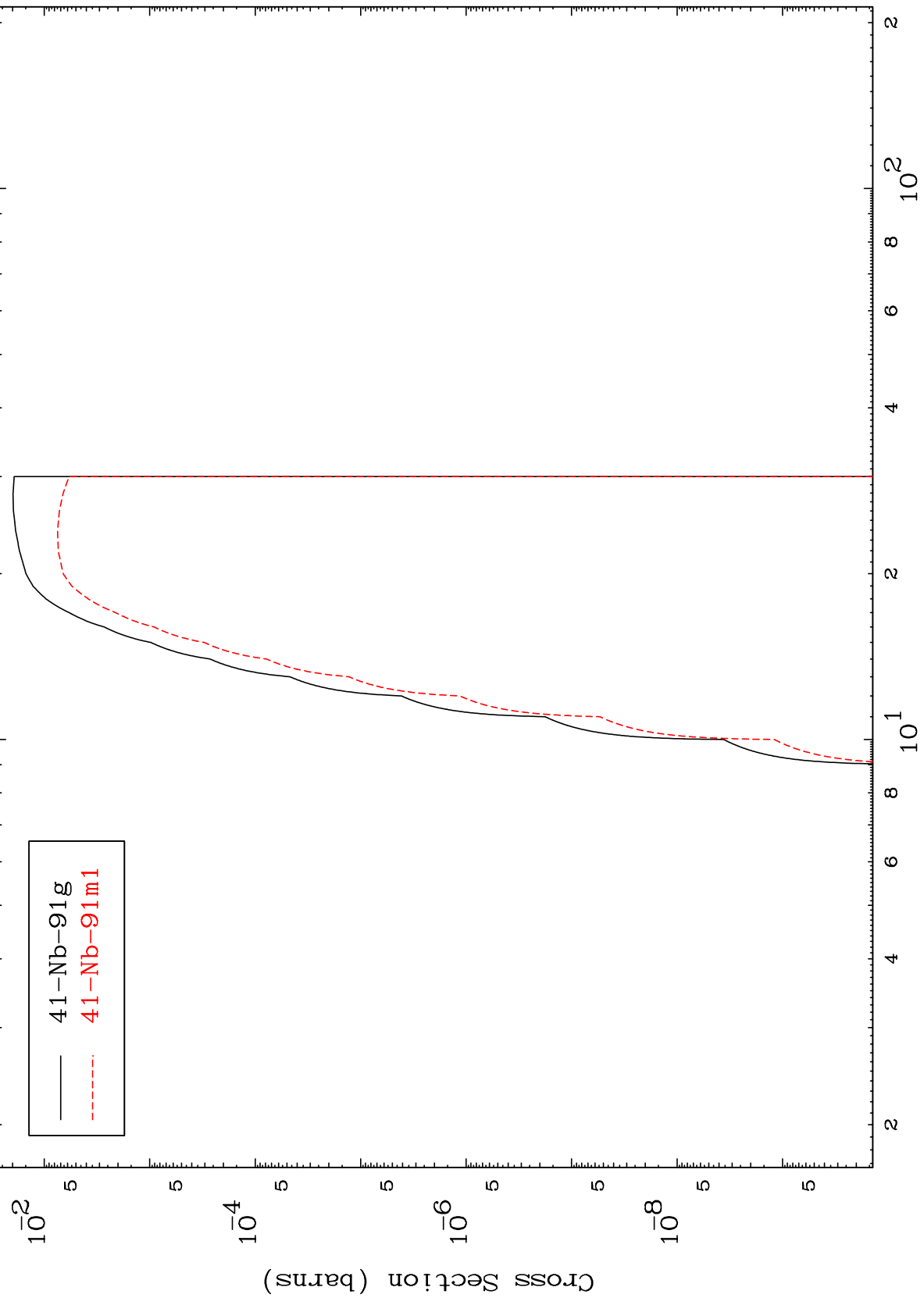
43-Tc-95m

MAT 4314

(n,p) α

$^{43}\text{Tc-95m}$

Radionuclide Production Cross Section

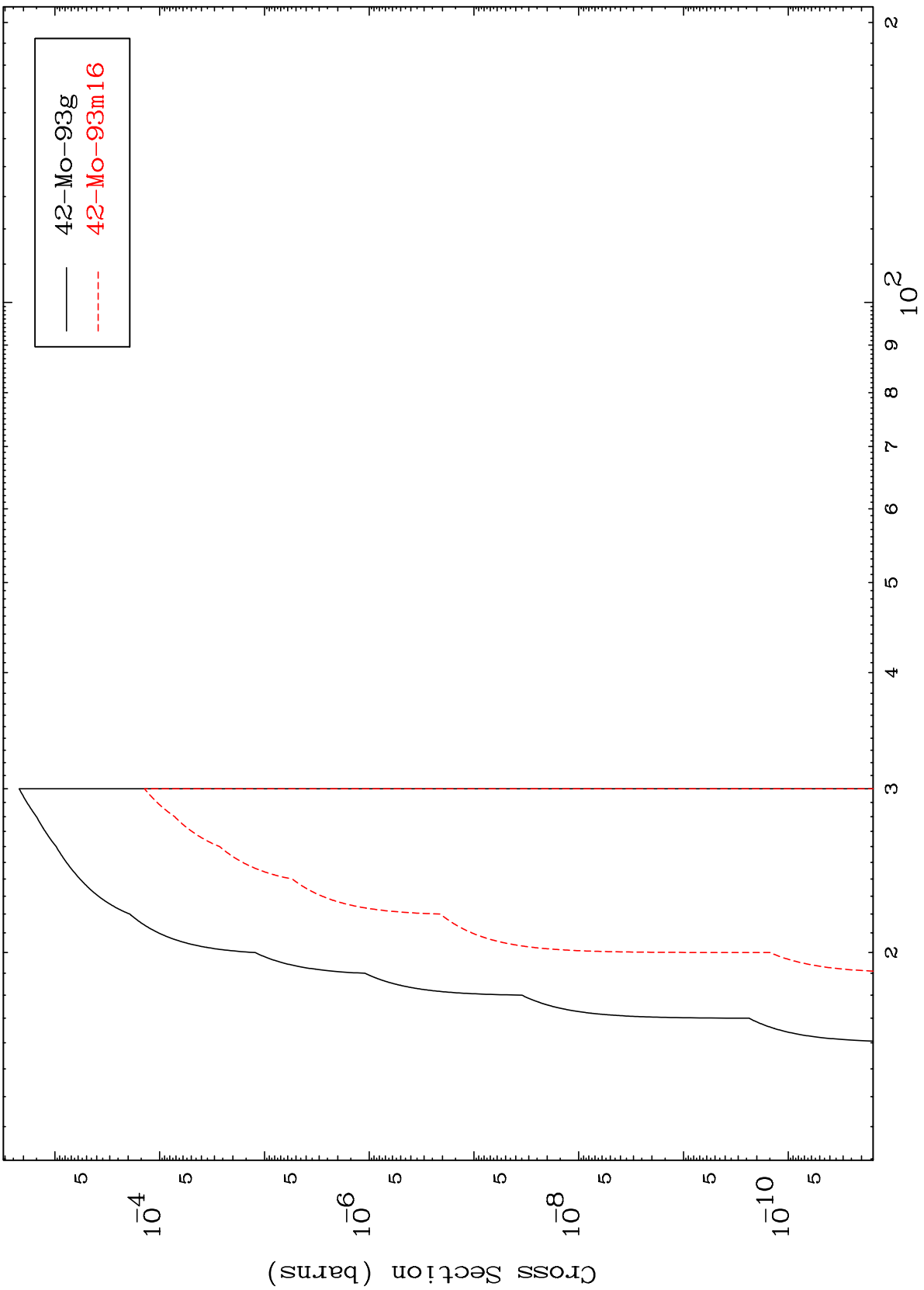


24

Incident Energy (MeV)

$^{43}\text{Tc-95m}$

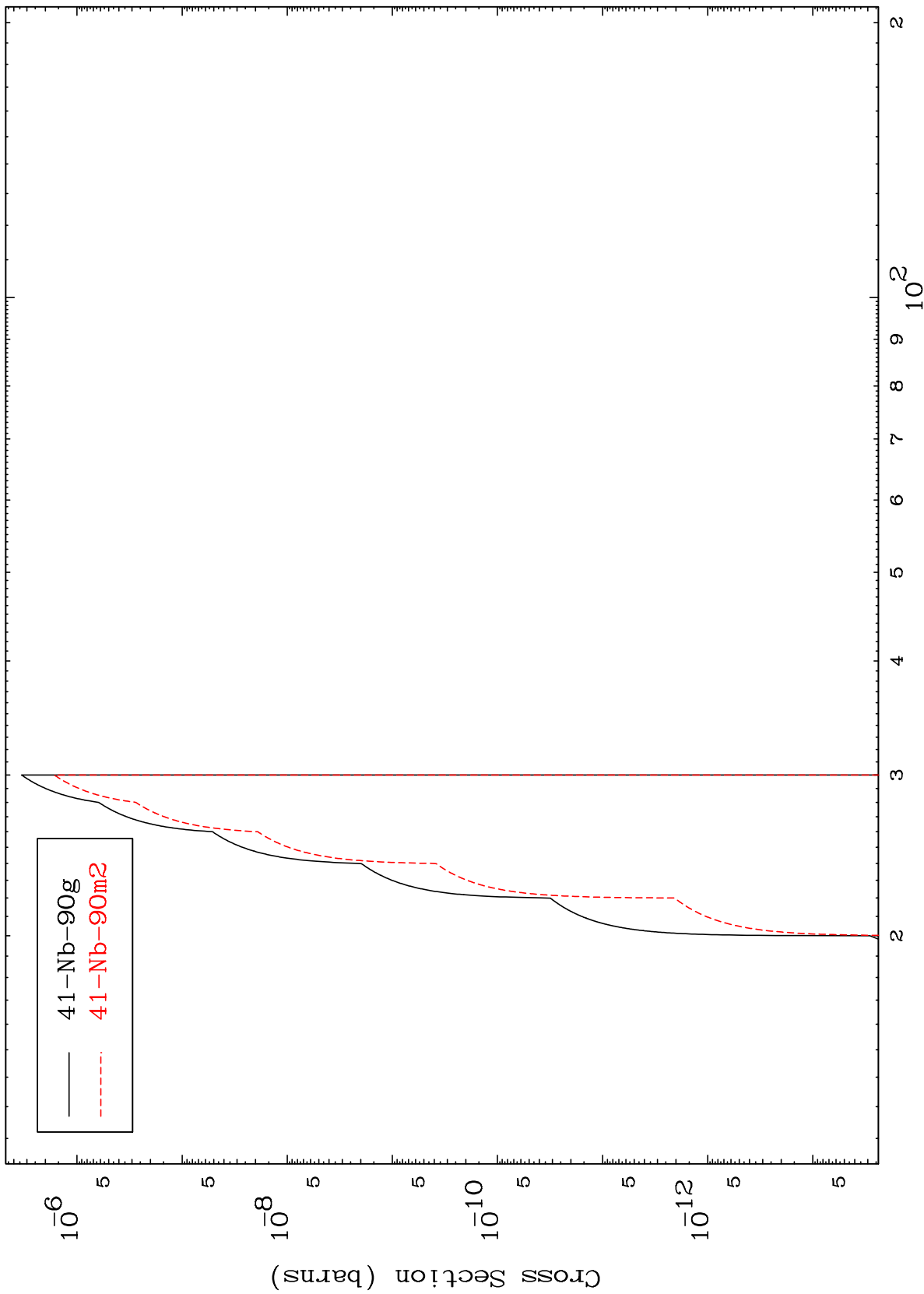
Radionuclide Production Cross Section



MAT 4314

43-Tc-95m

(n,d) α
Radionuclide Production Cross Section



Incident Energy (MeV)

43-Tc-95m

26