

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

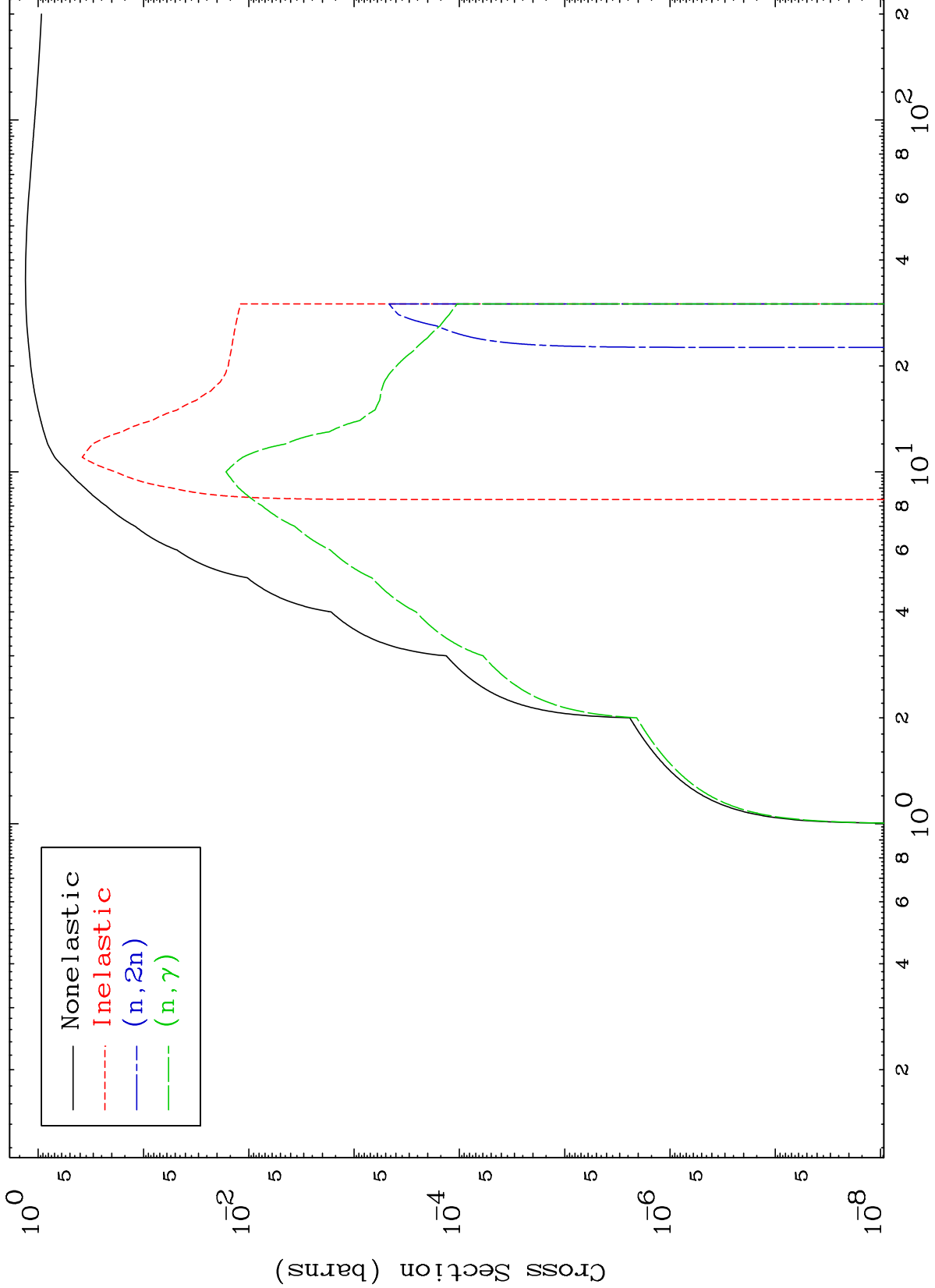
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4417

Proton Major
0 Kelvin Cross Sections

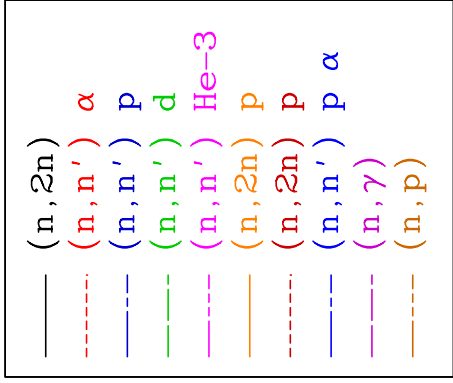
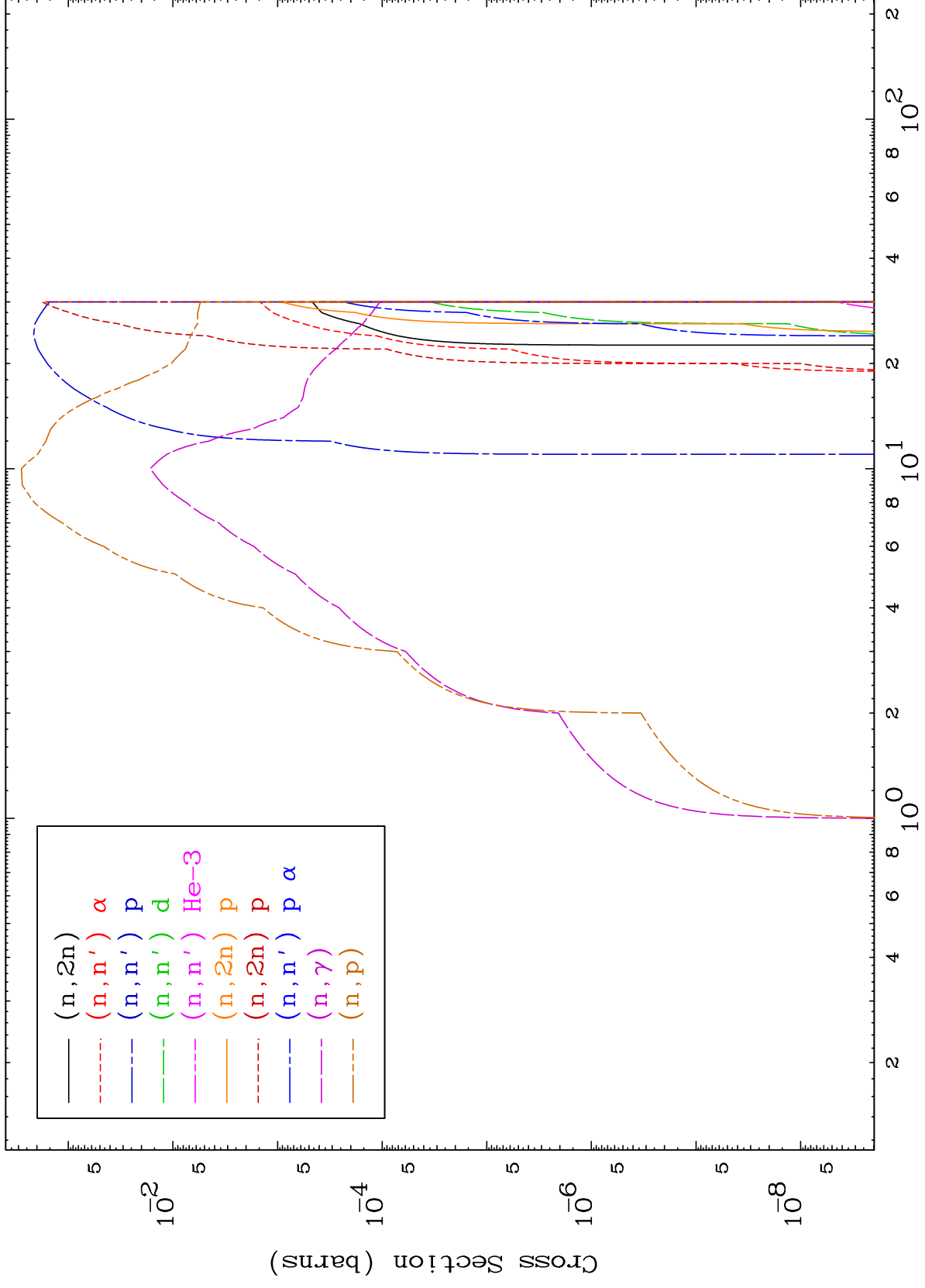
44-Ru-93m



MAT 4417

Proton Neutron Absorption
0 Kelvin Cross Sections

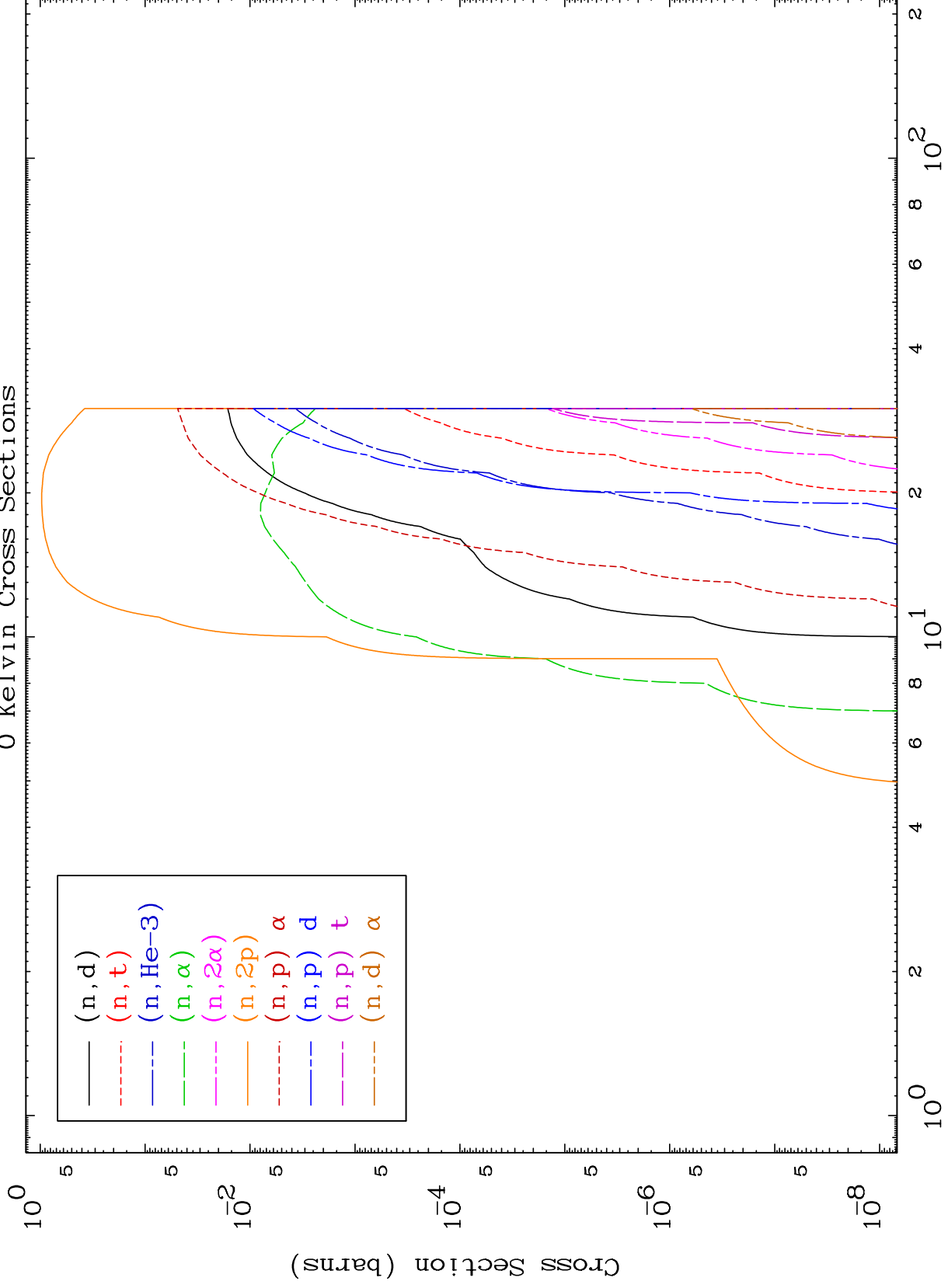
44-Ru-93m



MAT 4417

Proton Neutron Absorption
0 Kelvin Cross Sections

44-Ru-93m



44-Ru-93m

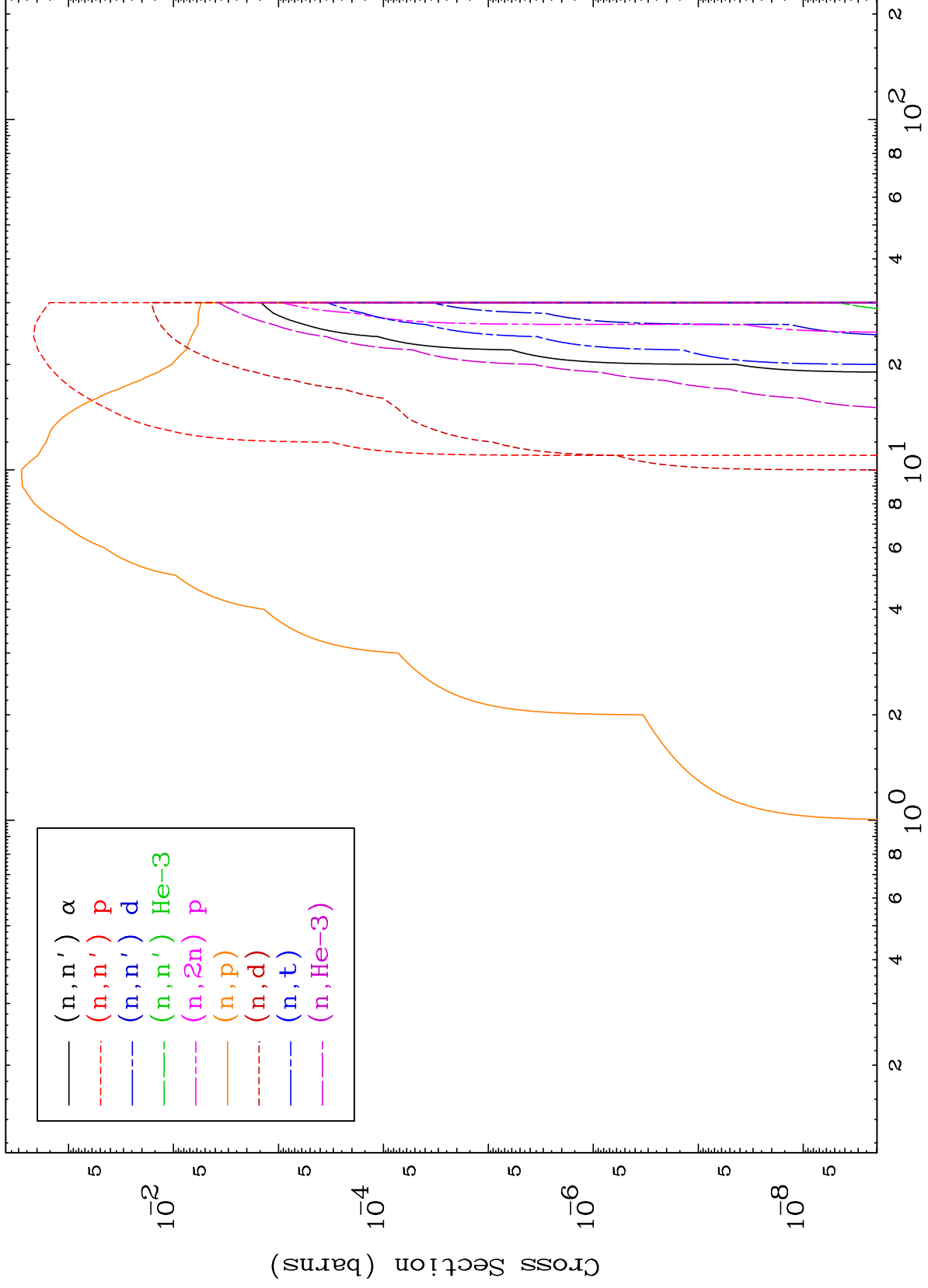
Incident Energy (MeV)

3

MAT 4417

Proton Charged Particle
0 Kelvin Cross Sections

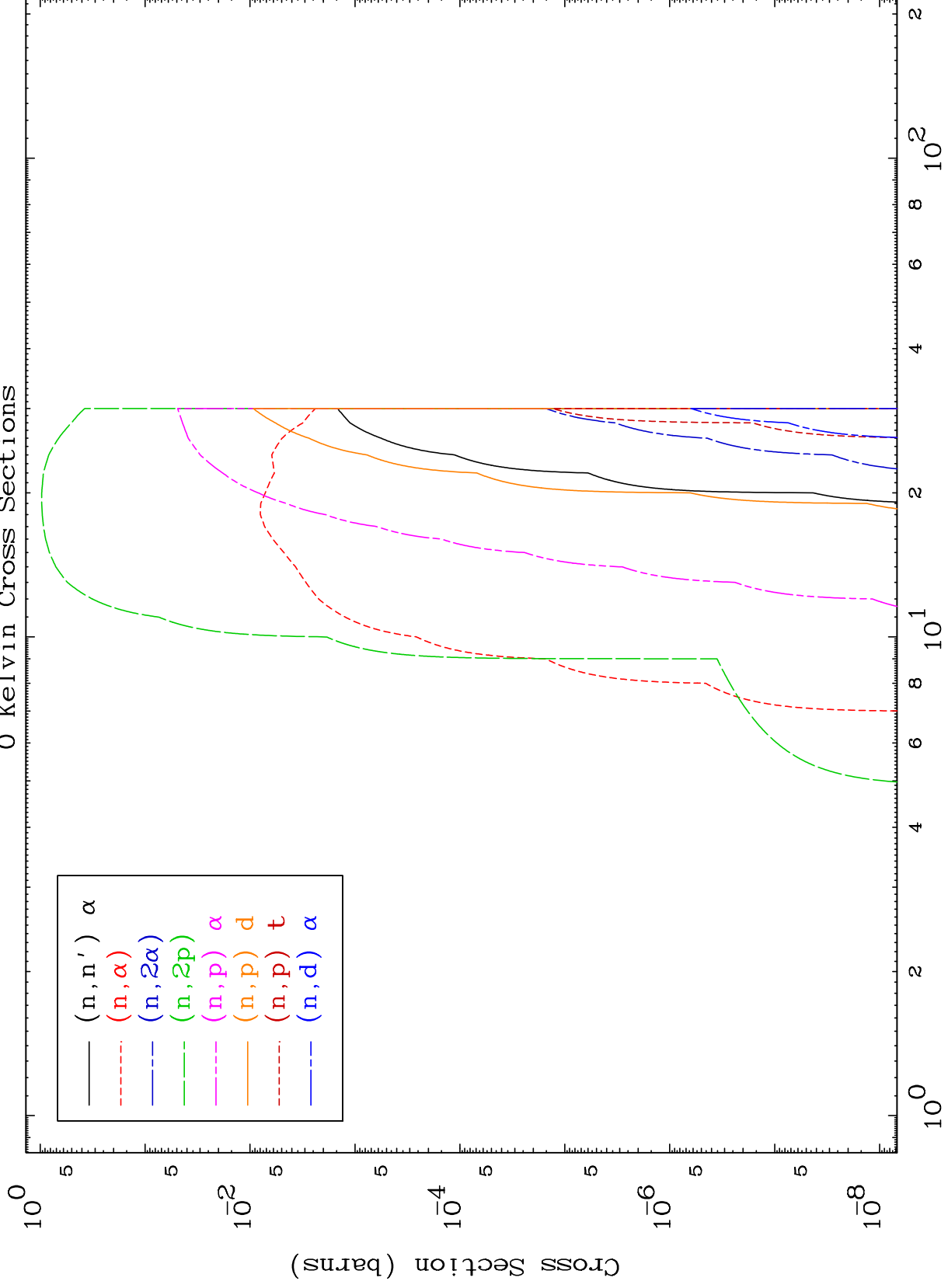
44-Ru-93m



MAT 4417

Proton Charged Particle
0 Kelvin Cross Sections

44-Ru-93m



Incident Energy (MeV)

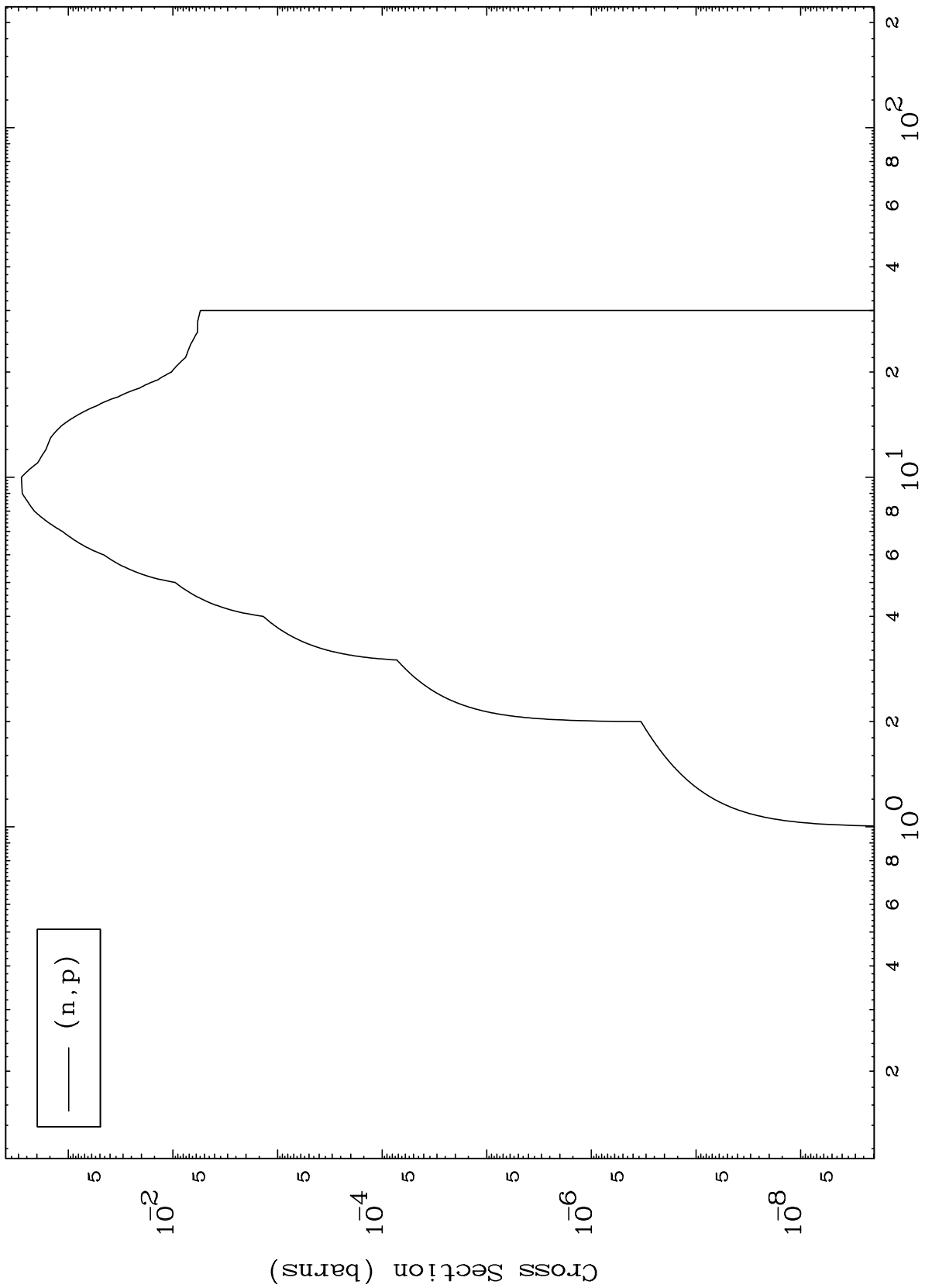
44-Ru-93m

MAT 4417

(p,p) Levels

44-Ru-93m

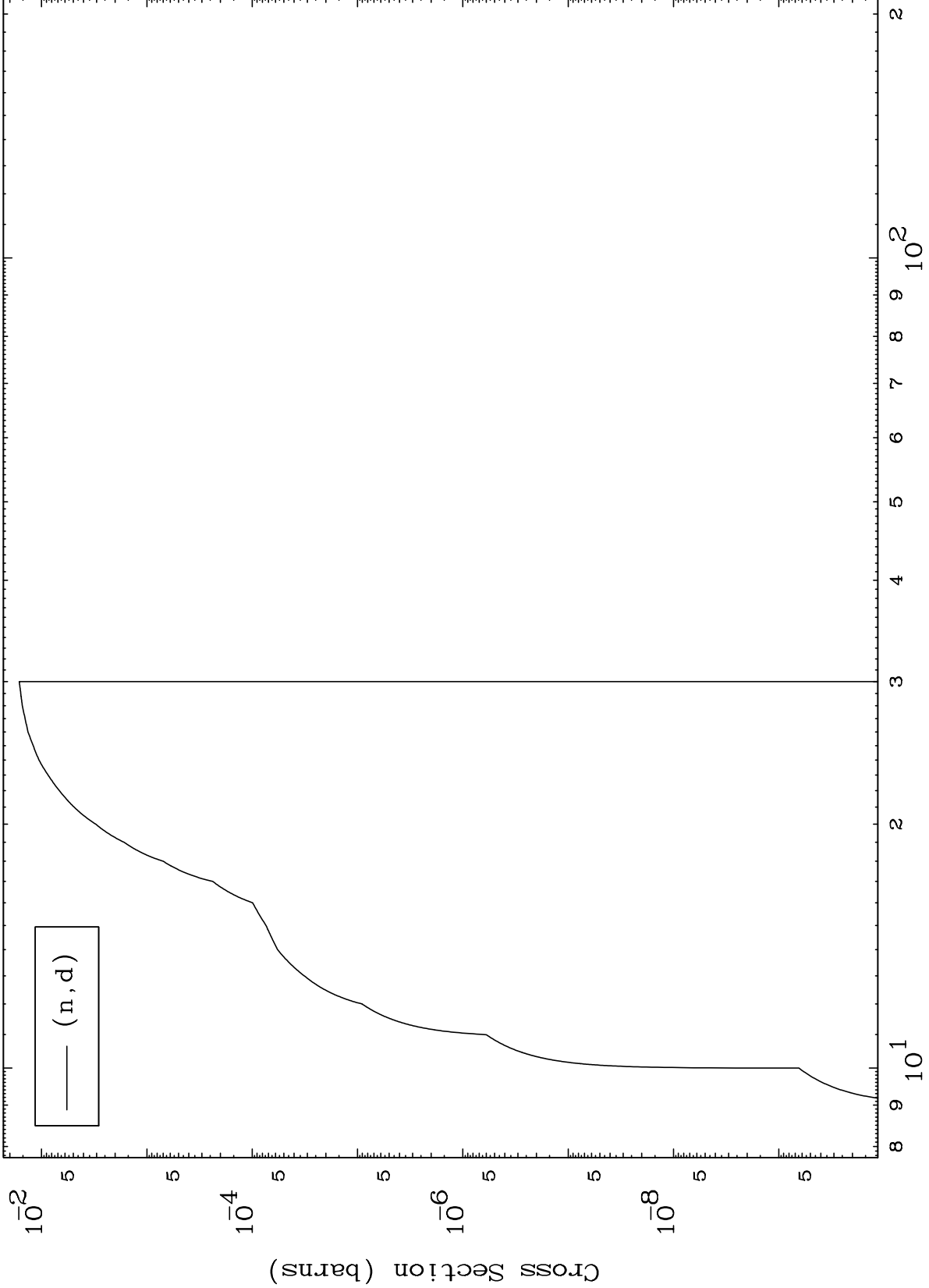
0 Kelvin Cross Sections



MAT 4417

(p,d) Levels
0 Kelvin Cross Sections

44-Ru-93m



Incident Energy (MeV)

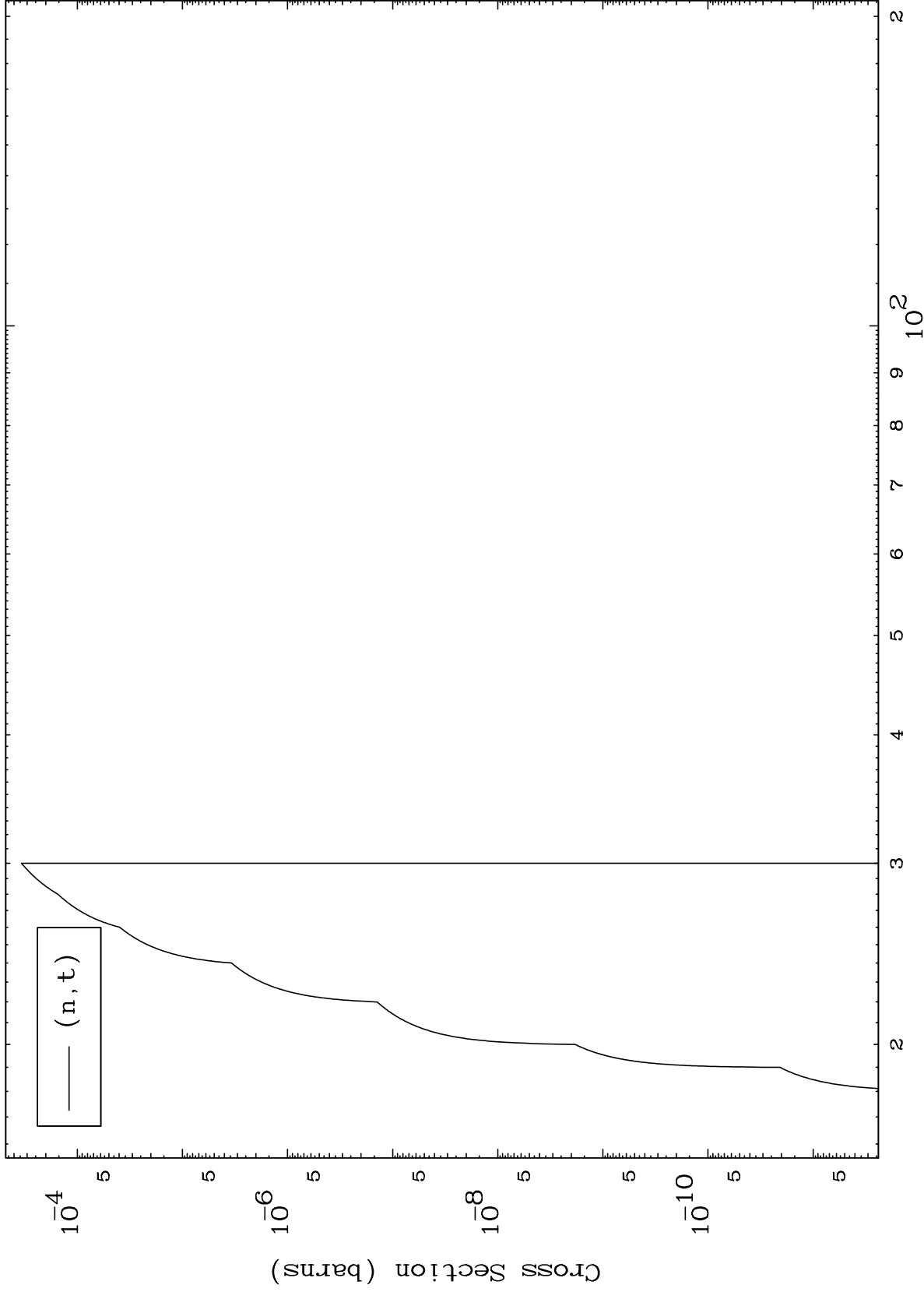
44-Ru-93m

MAT 4417

MAT 4417

(p,t) Levels
0 Kelvin Cross Sections

44-Ru-93m



8

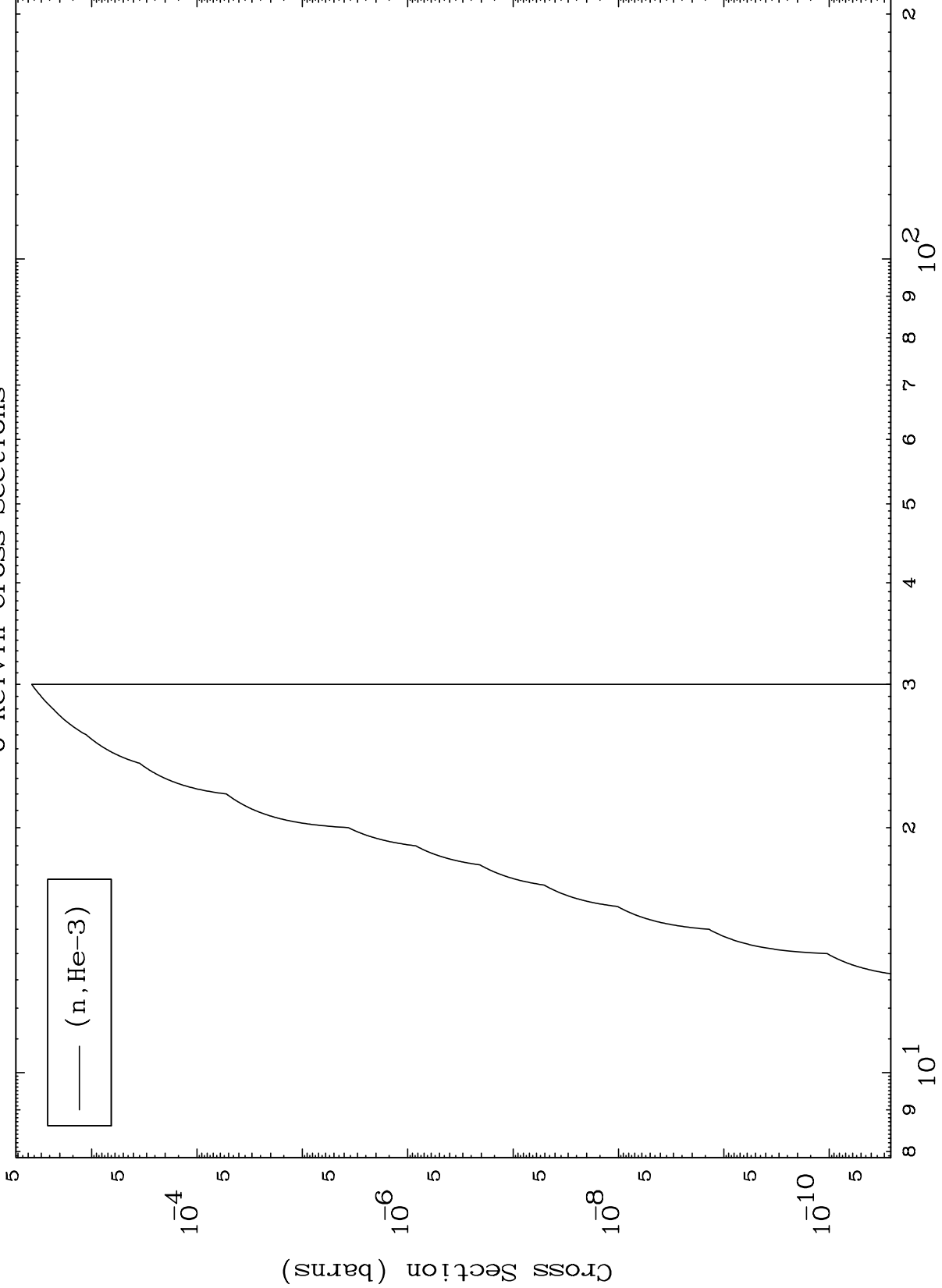
Incident Energy (MeV)

44-Ru-93m

MAT 4417

(p,He3) Levels
0 Kelvin Cross Sections

44-Ru-93m



9

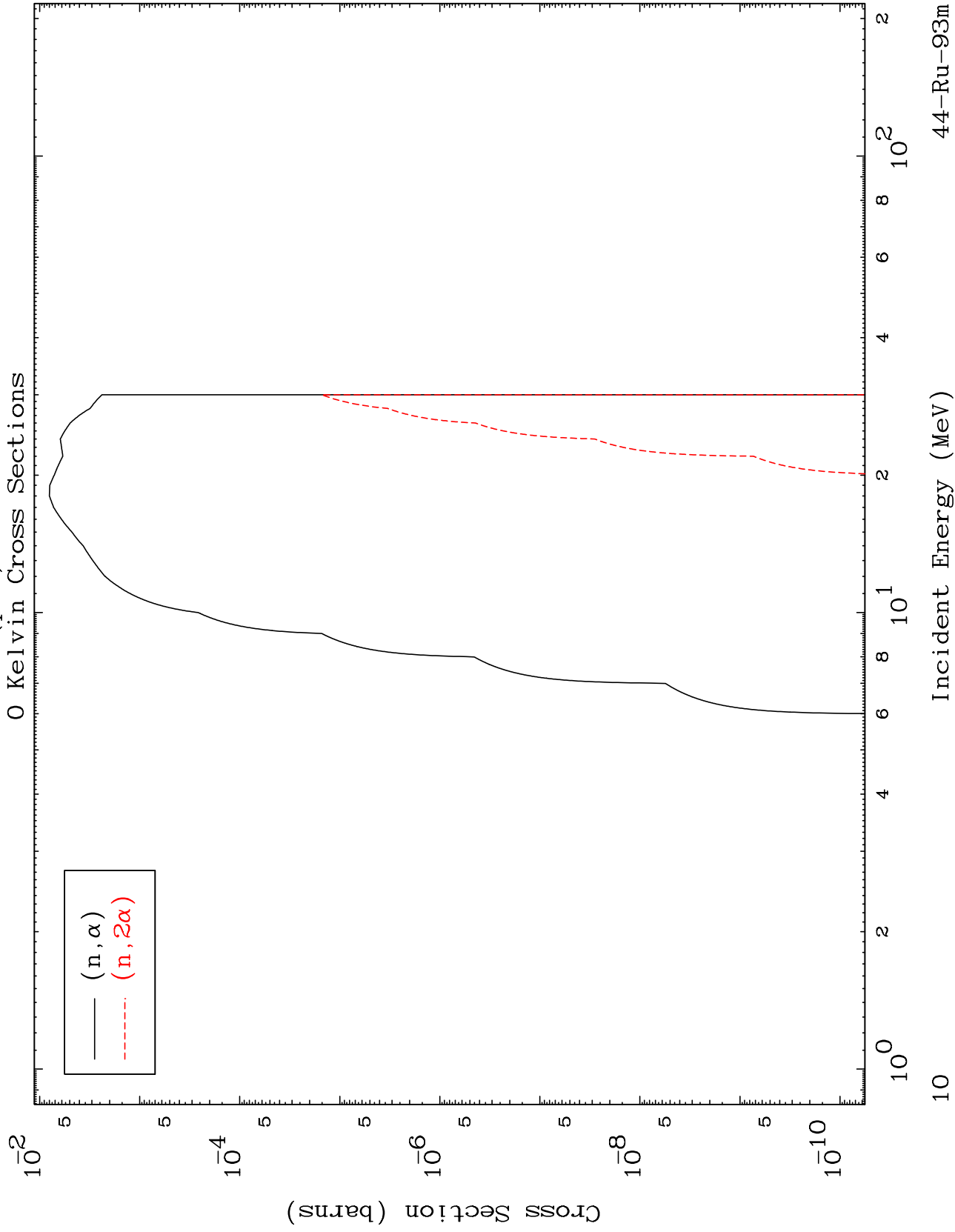
Incident Energy (MeV)

44-Ru-93m

MAT 4417

(p, α) Levels

44-Ru-93m

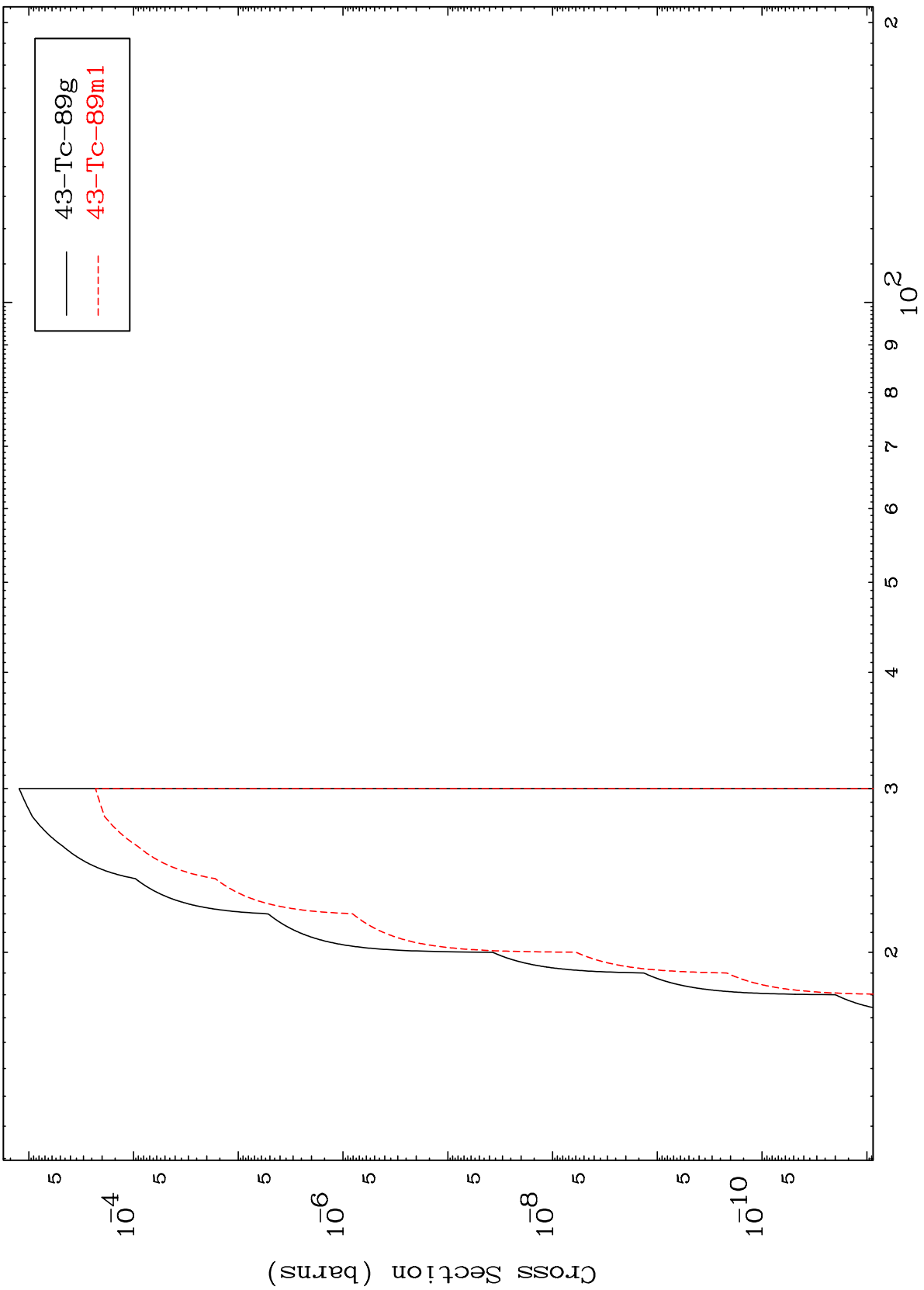


MAT 4417

$(n, n') \alpha$

44-Ru-93m

Radionuclide Production Cross Section



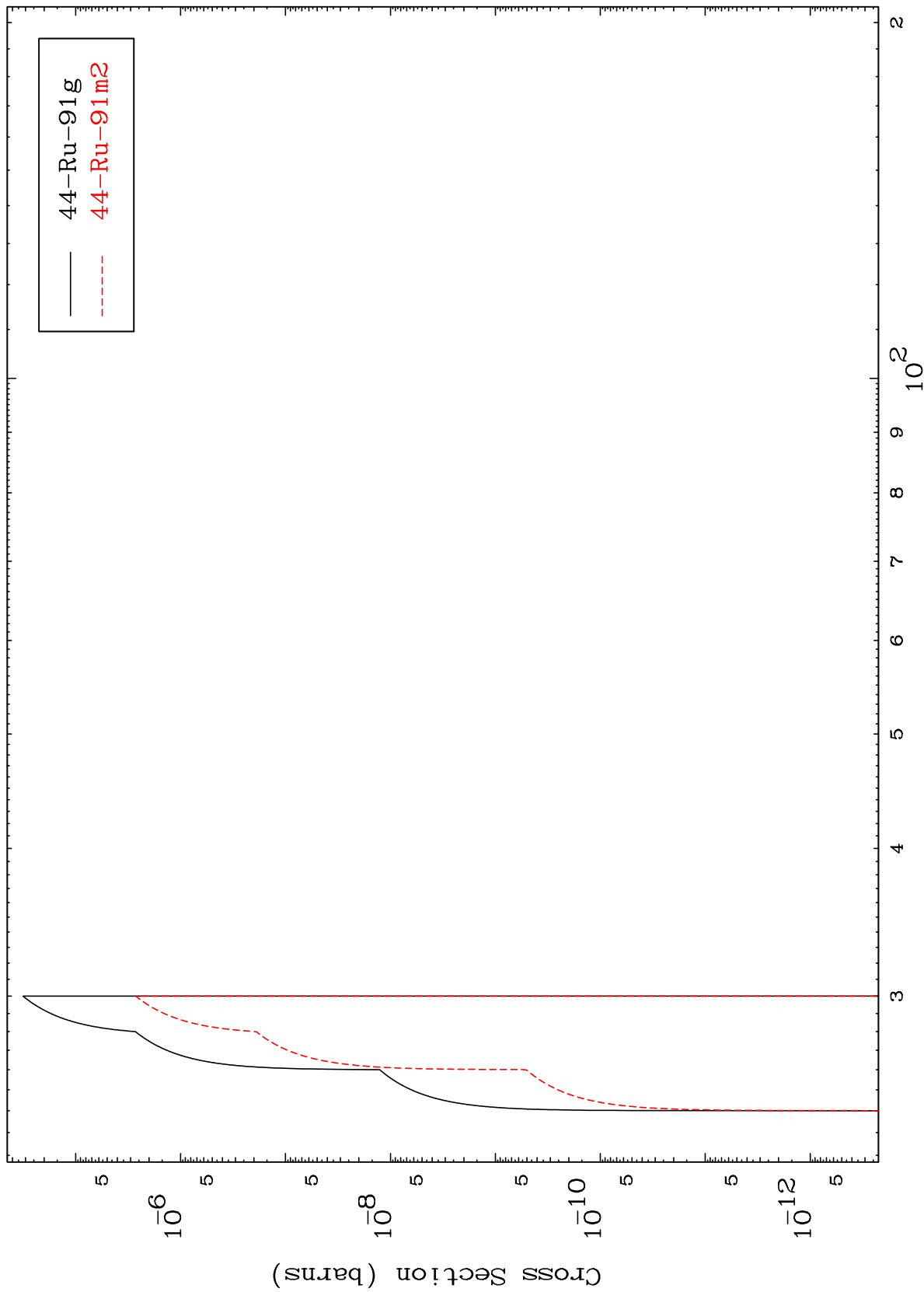
43-Tc-89g
43-Tc-89m1

MAT 4417

(n,n') d

44-Ru-93m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

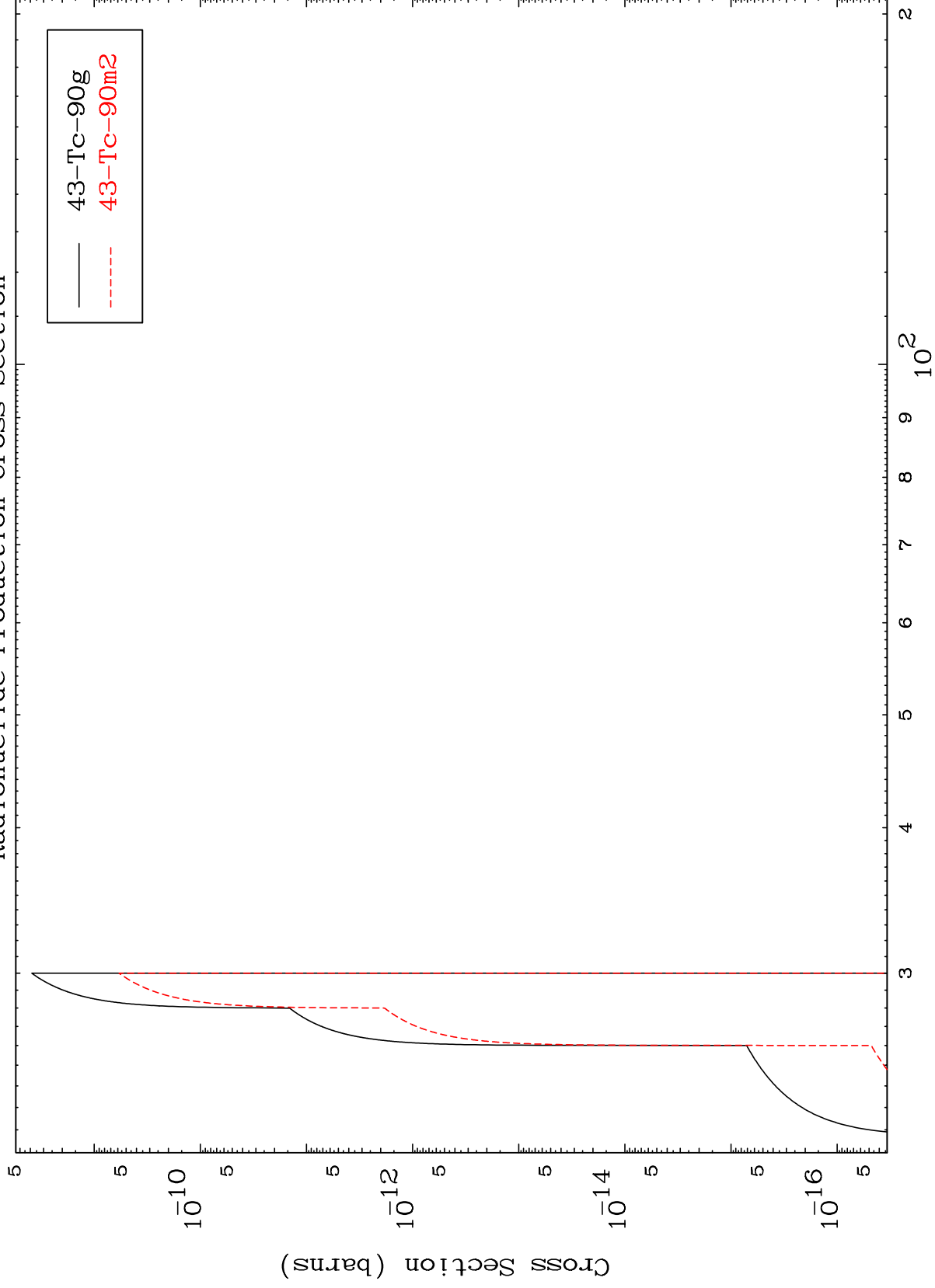
44-Ru-93m

MAT 4417

(n,n') He-3

44-Ru-93m

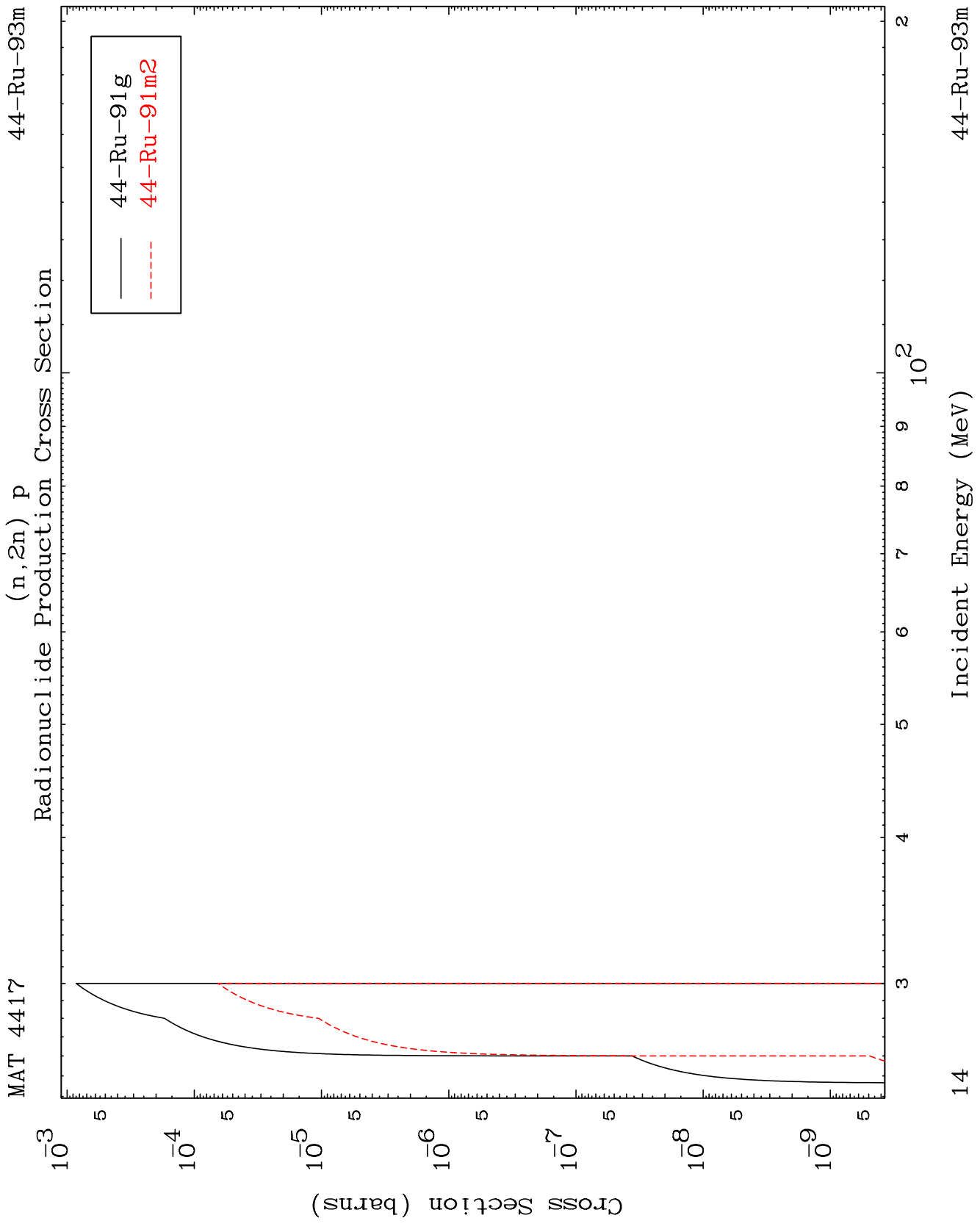
Radionuclide Production Cross Section



13

Incident Energy (MeV)

44-Ru-93m

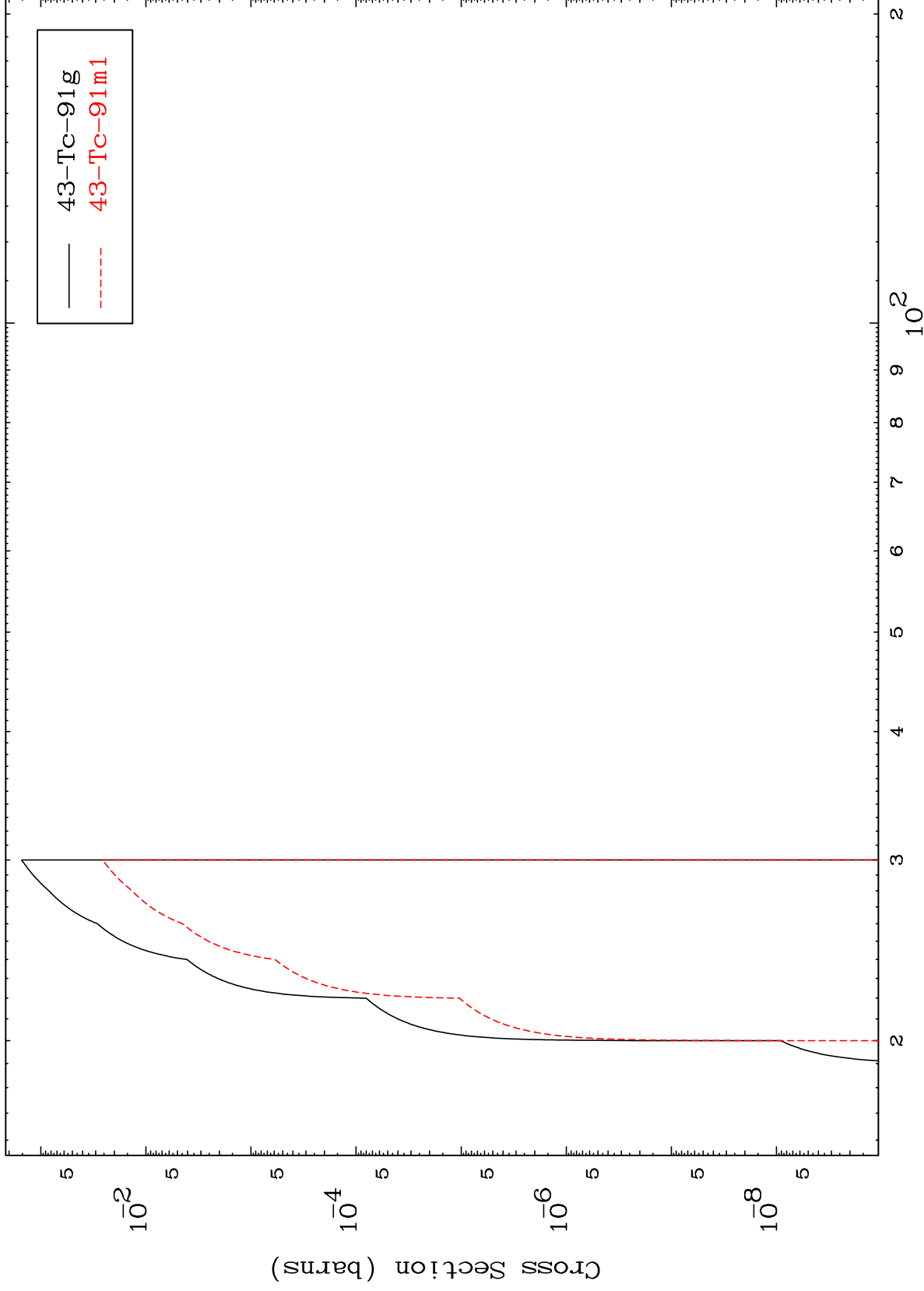


MAT 4417

(n,2n) p

44-Ru-93m

Radionuclide Production Cross Section



15

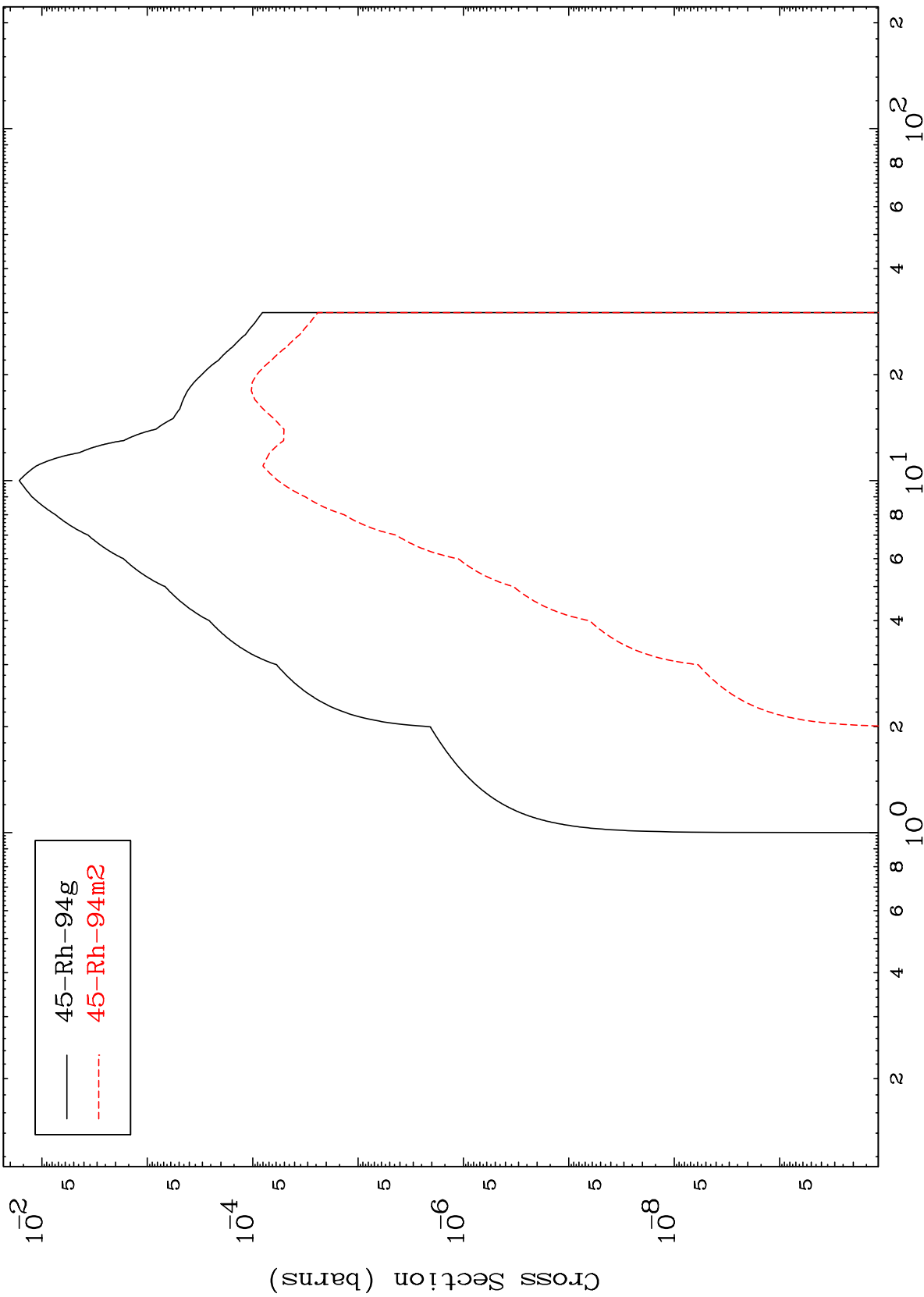
Incident Energy (MeV)

44-Ru-93m

MAT 4417

44-Ru-93m

Radionuclide Production Cross Section



44-Ru-93m

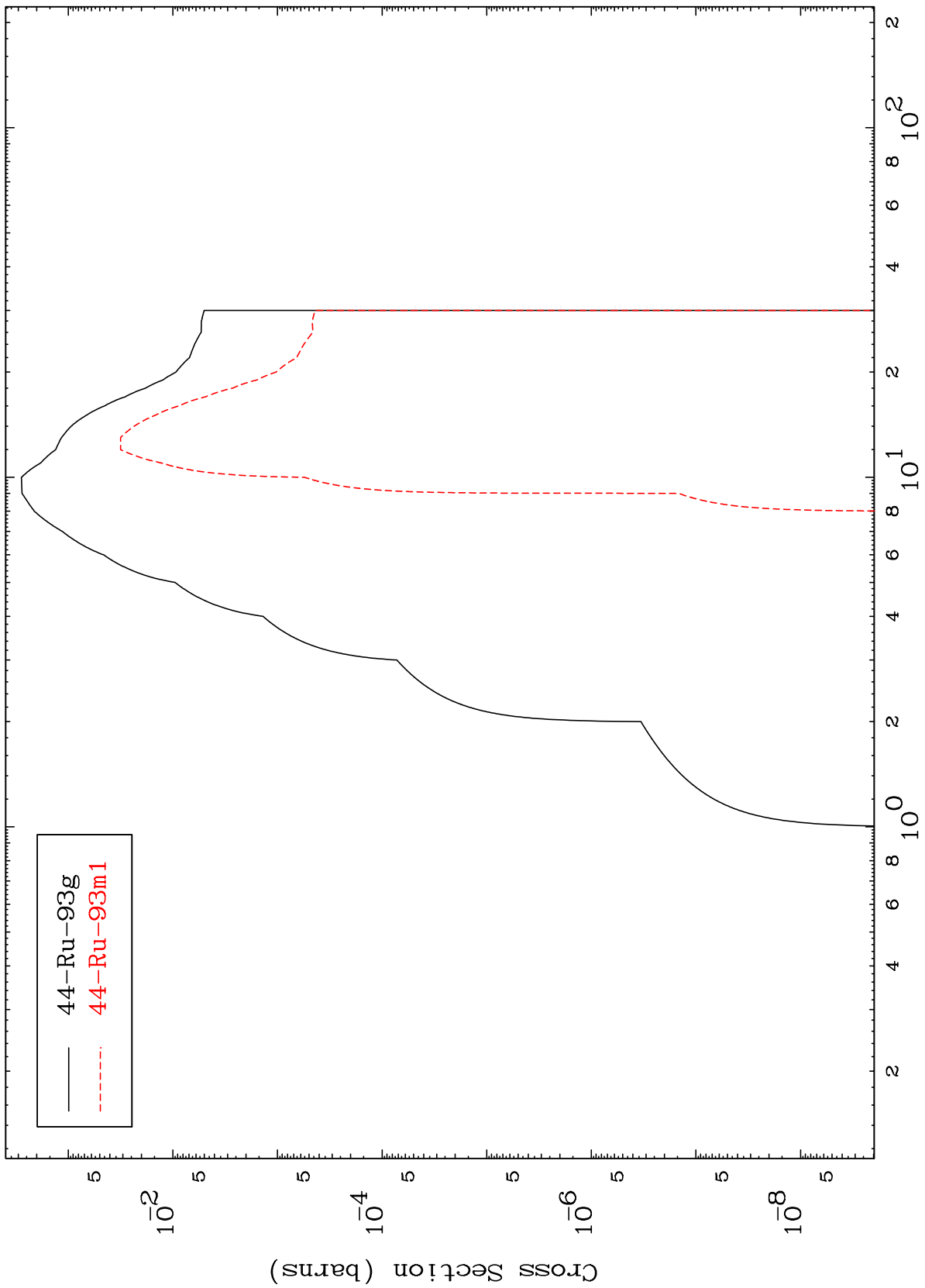
Incident Energy (MeV)

16

MAT 4417

44-Ru-93m

Radionuclide Production Cross Section



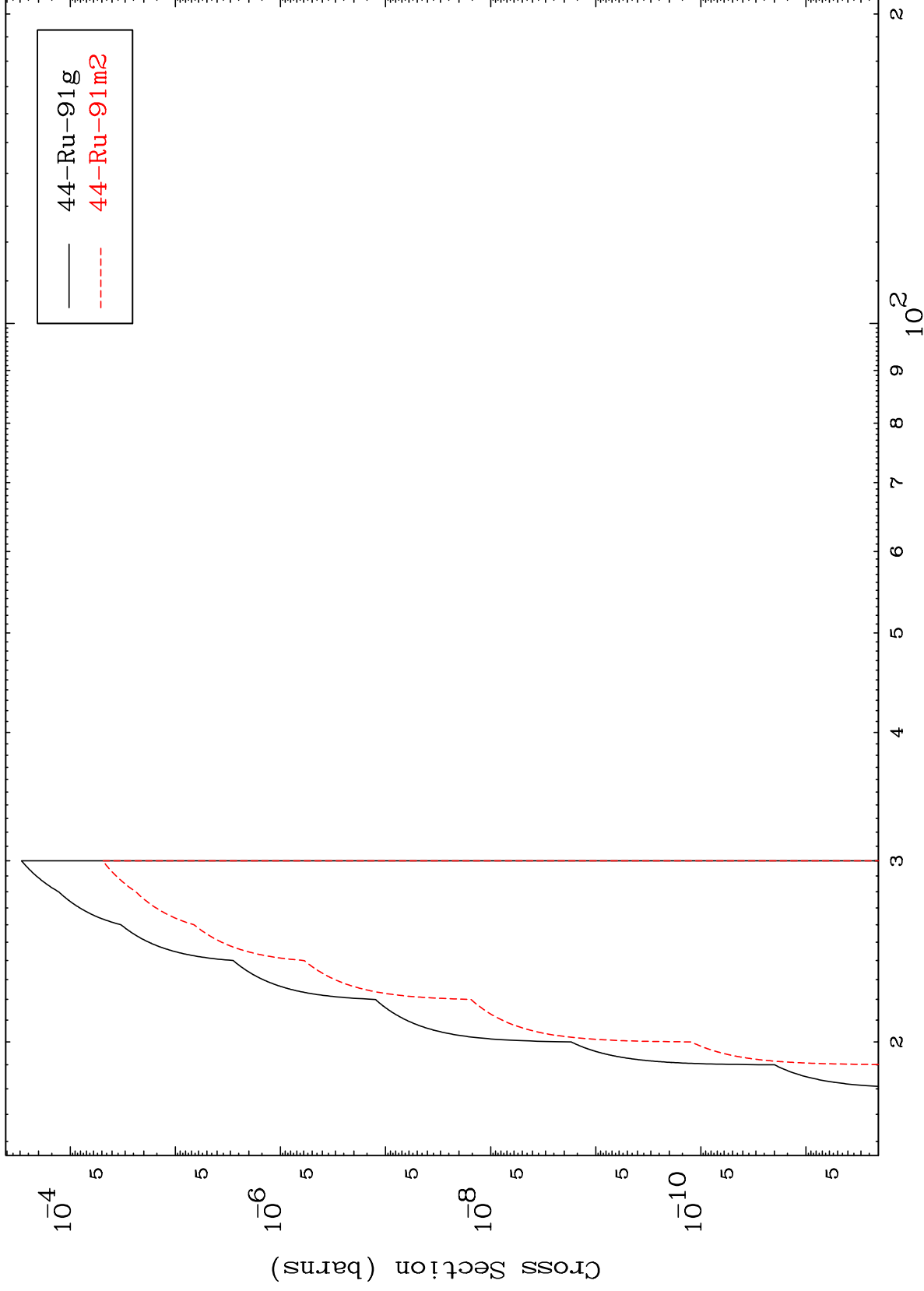
— 44-Ru-93g
- - - 44-Ru-93m1

MAT 4417

(n, t)

44-Ru-93m

Radionuclide Production Cross Section



18

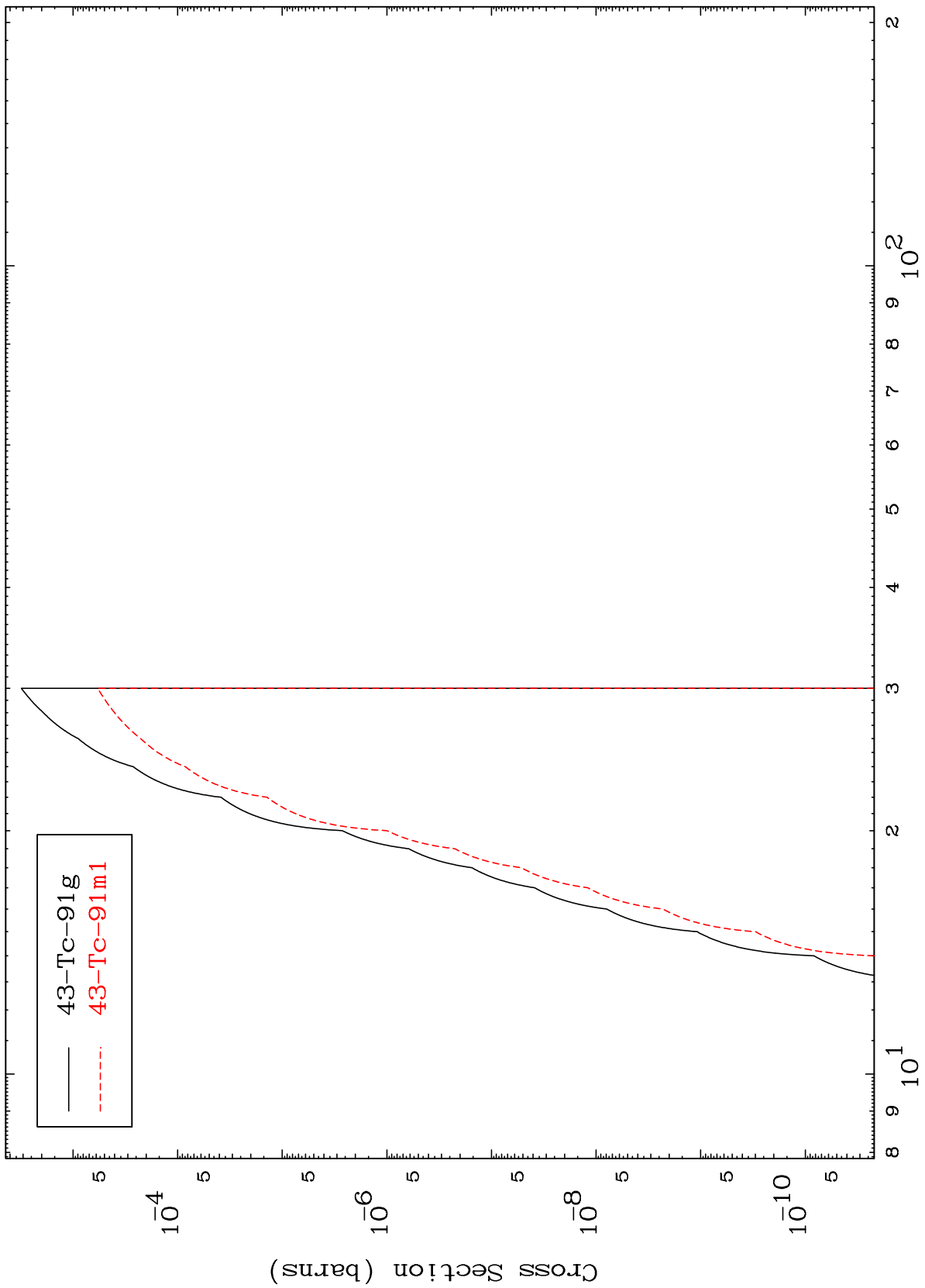
Incident Energy (MeV)

44-Ru-93m

MAT 4417

44-Ru-93m

(n,He-3)
Radionuclide Production Cross Section



19

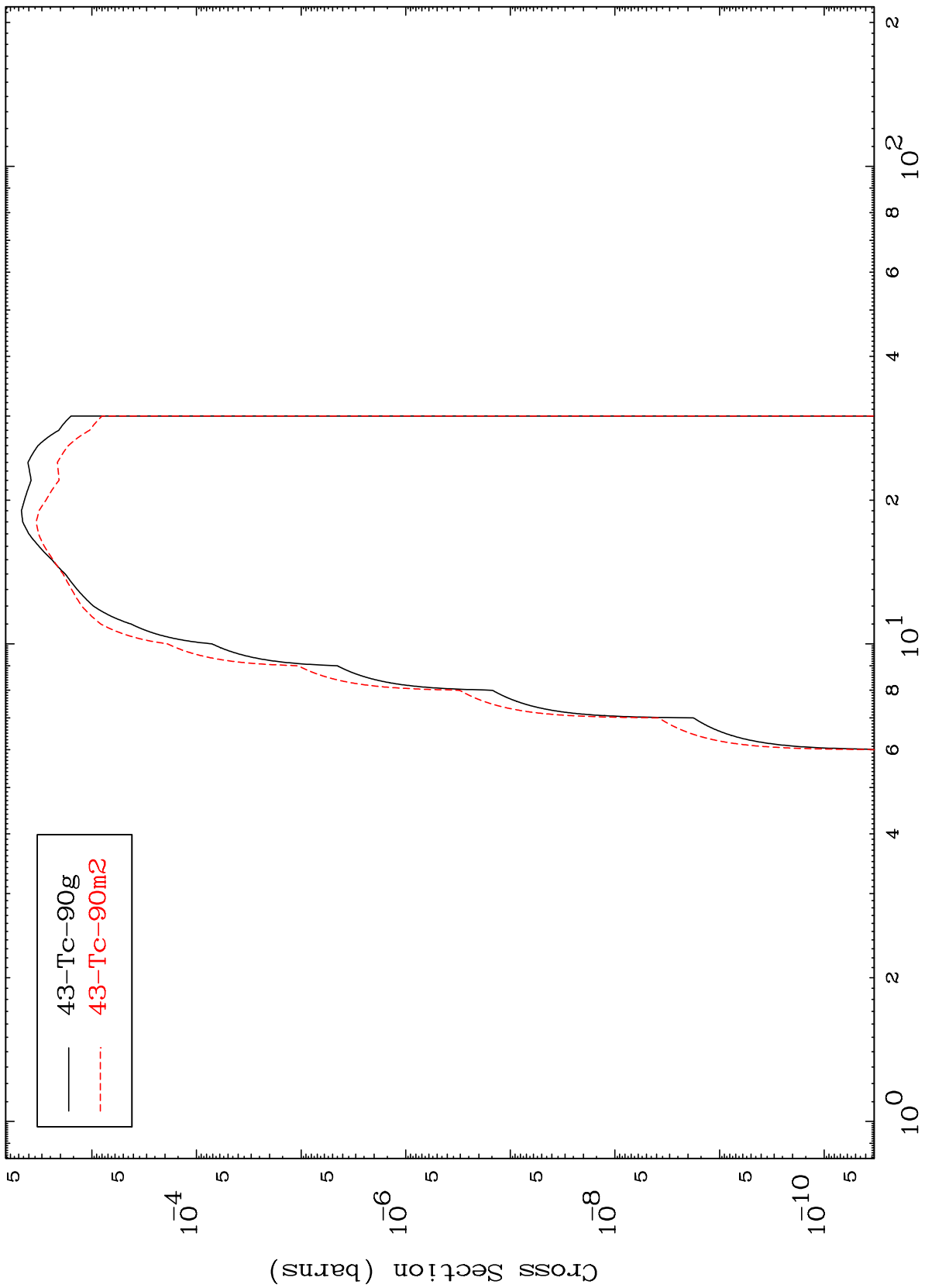
Incident Energy (MeV)

44-Ru-93m

MAT 4417

44-Ru-93m

Radionuclide Production Cross Section



Incident Energy (MeV)

44-Ru-93m

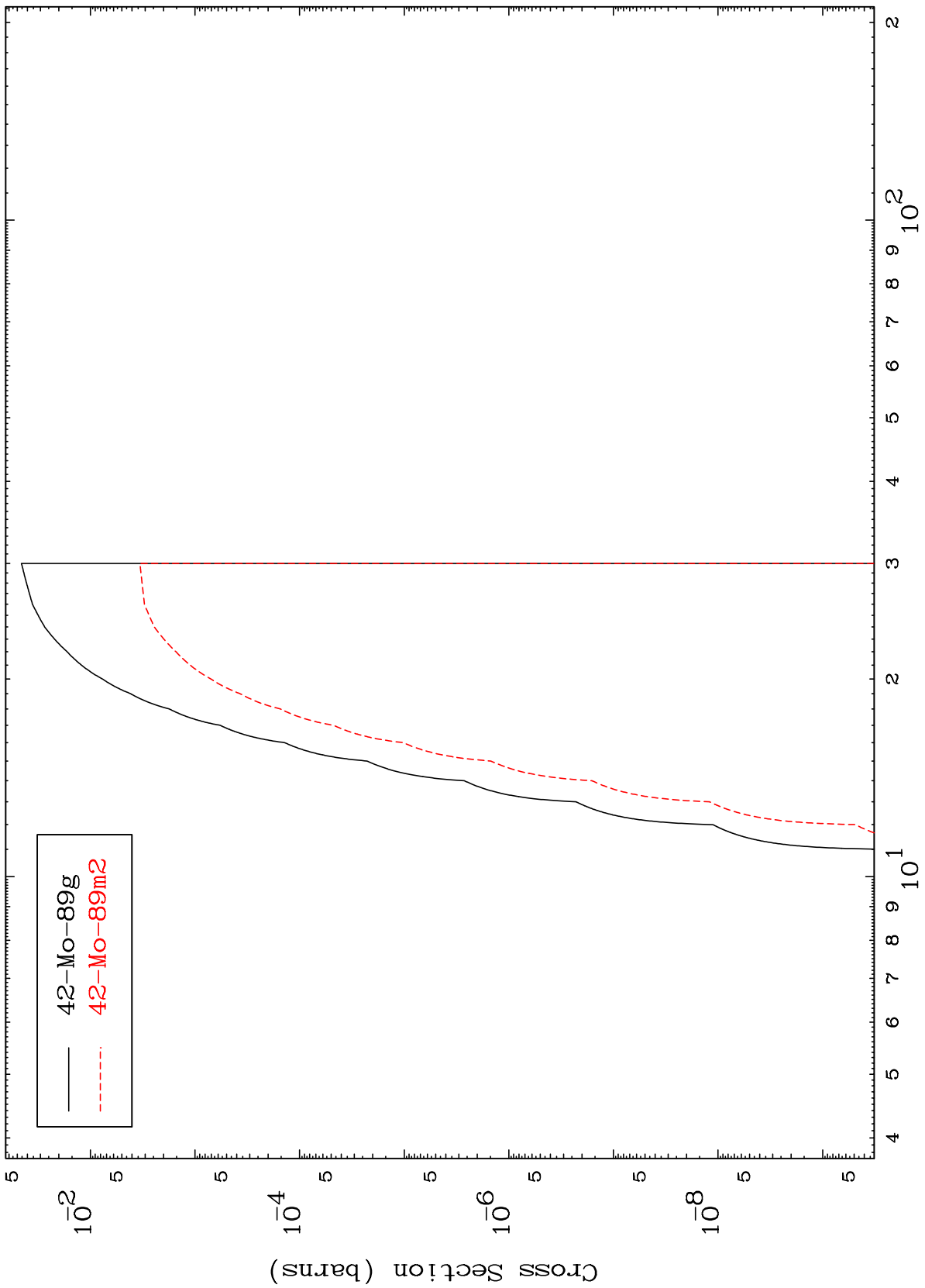
20

MAT 4417

(n,p) α

44-Ru-93m

Radionuclide Production Cross Section



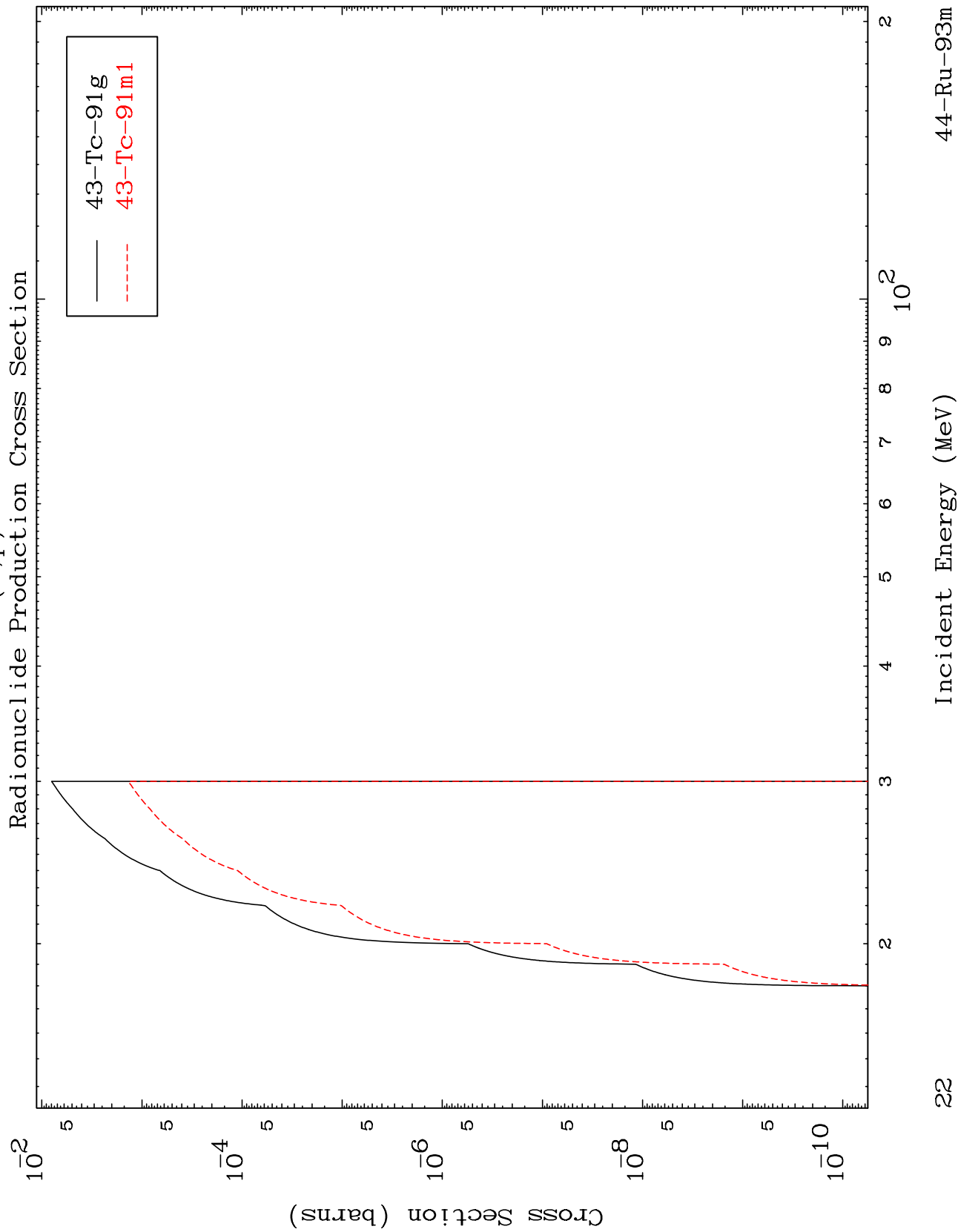
21

44-Ru-93m

MAT 4417

(n,p) d

44-Ru-93m



22

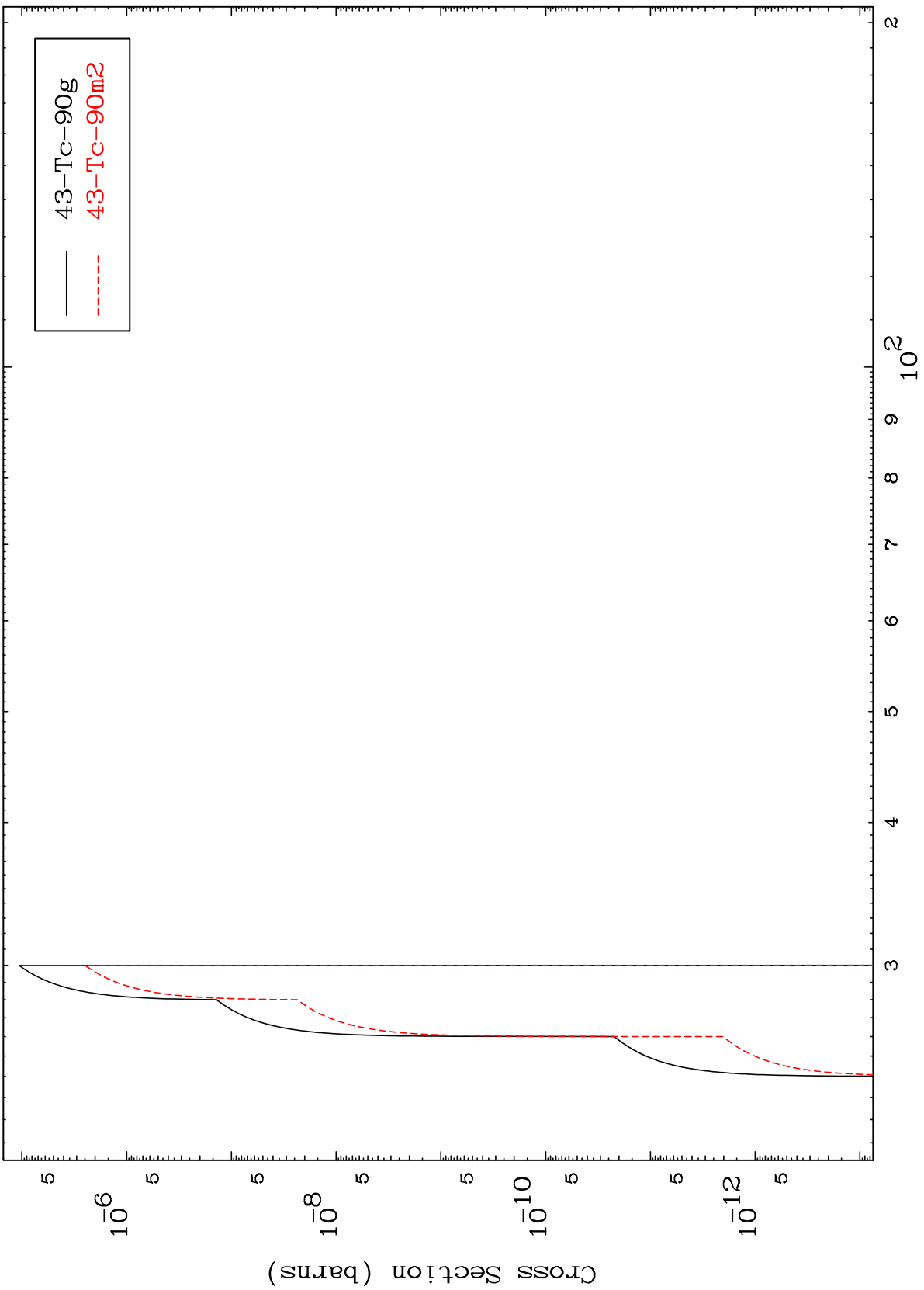
44-Ru-93m

MAT 4417

(n,p) t

44-Ru-93m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

44-Ru-93m