

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

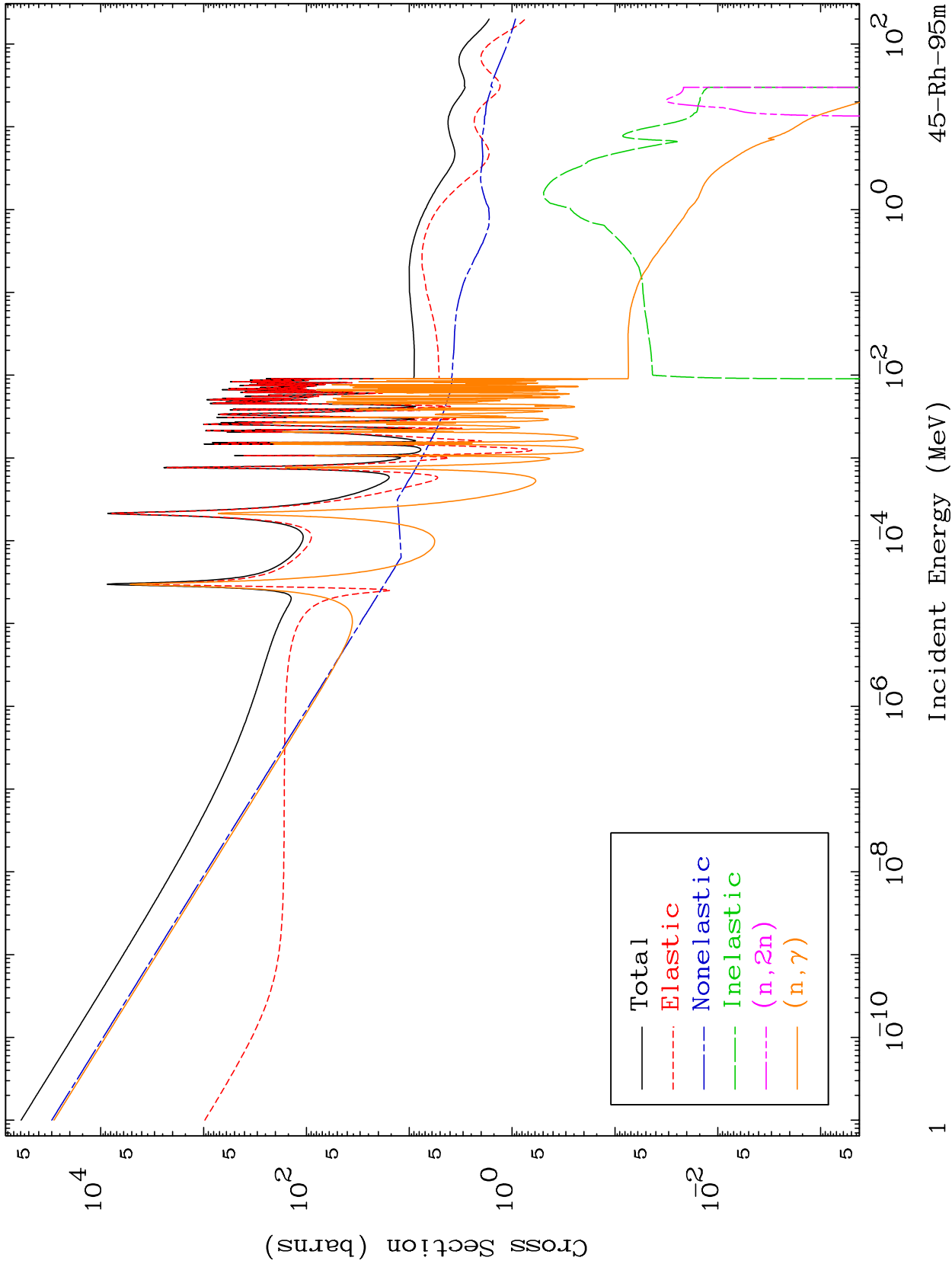
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4502

Neutron Major
293 Kelvin Cross Sections

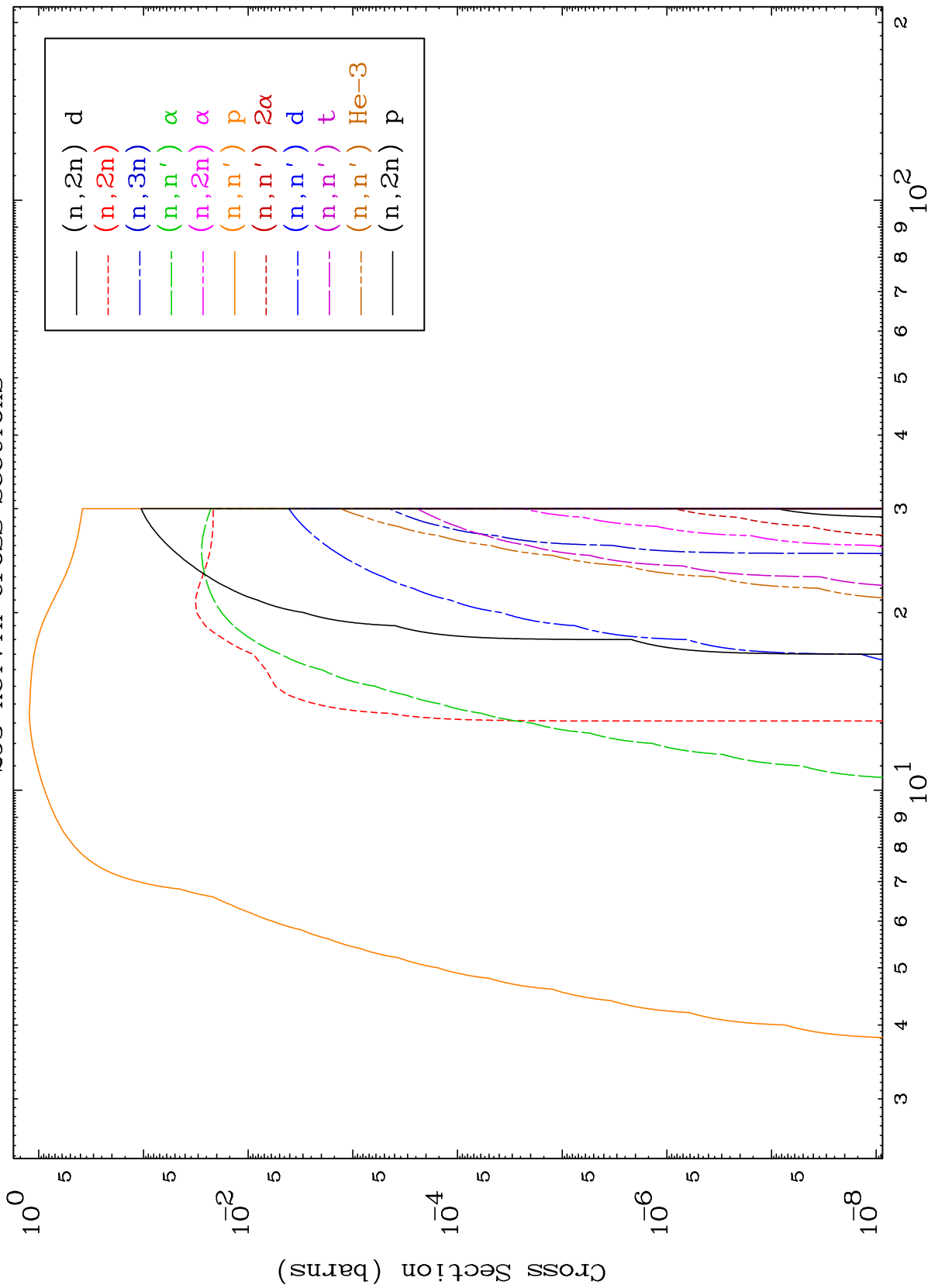
45-Rh-95m



MAT 4502

Neutron Absorption
293 Kelvin Cross Sections

45-Rh-95m



Incident Energy (MeV)

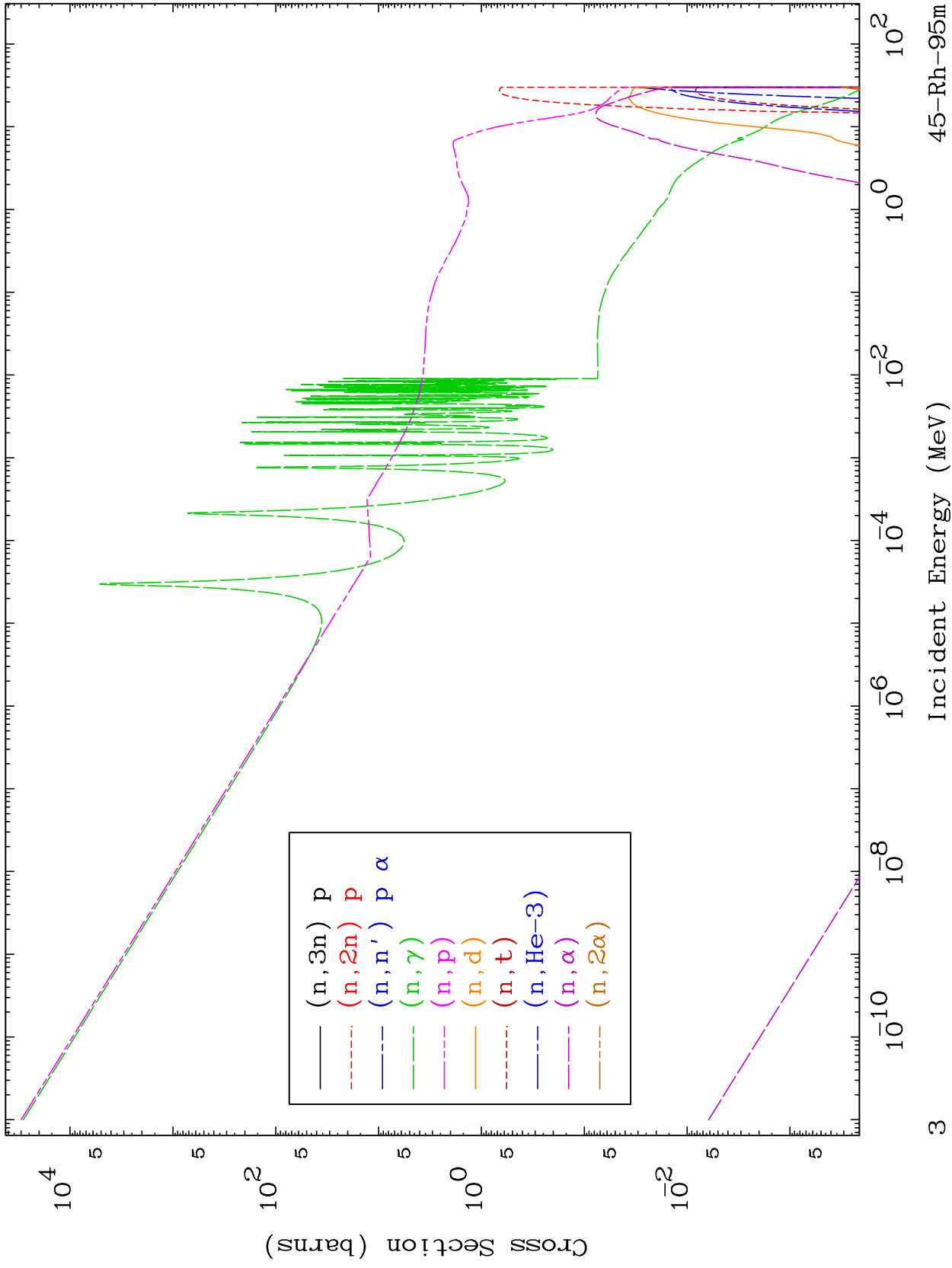
45-Rh-95m

2

MAT 4502

Neutron Absorption
293 Kelvin Cross Sections

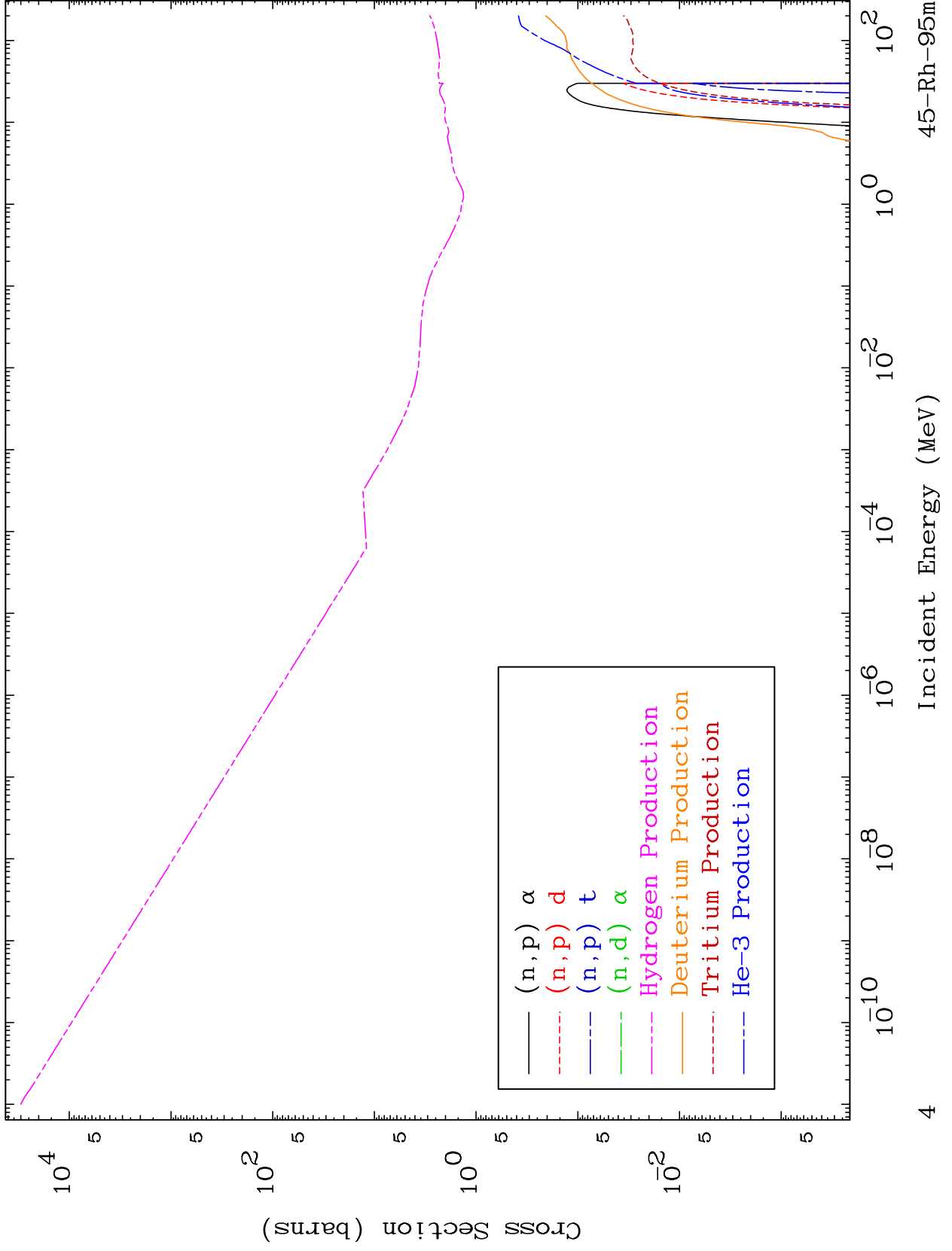
45-Rh-95m



MAT 4502

Neutron Absorption
293 Kelvin Cross Sections

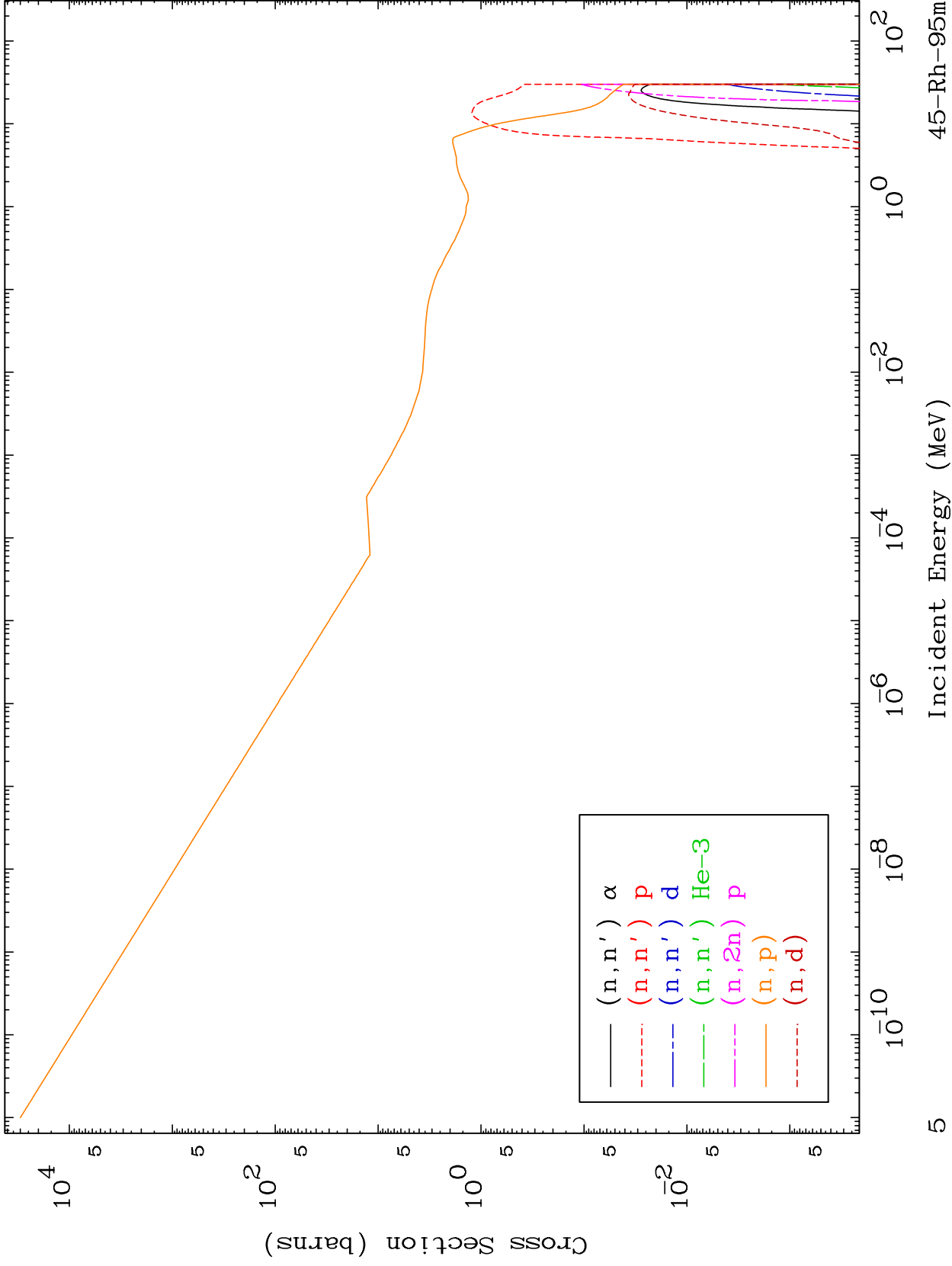
45-Rh-95m



MAT 4502

Charged Particle
293 Kelvin Cross Sections

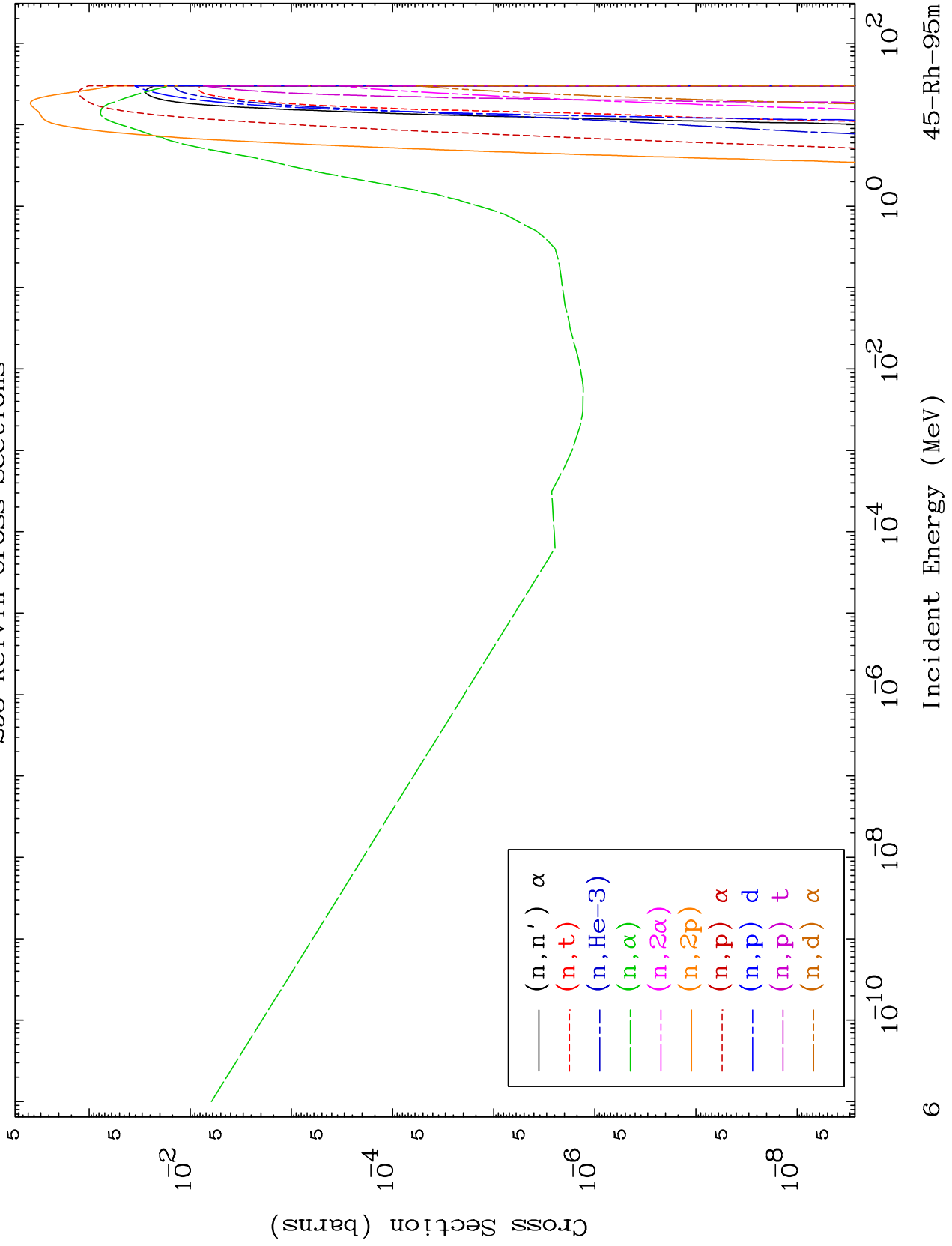
45-Rh-95m



MAT 4502

Charged Particle
293 Kelvin Cross Sections

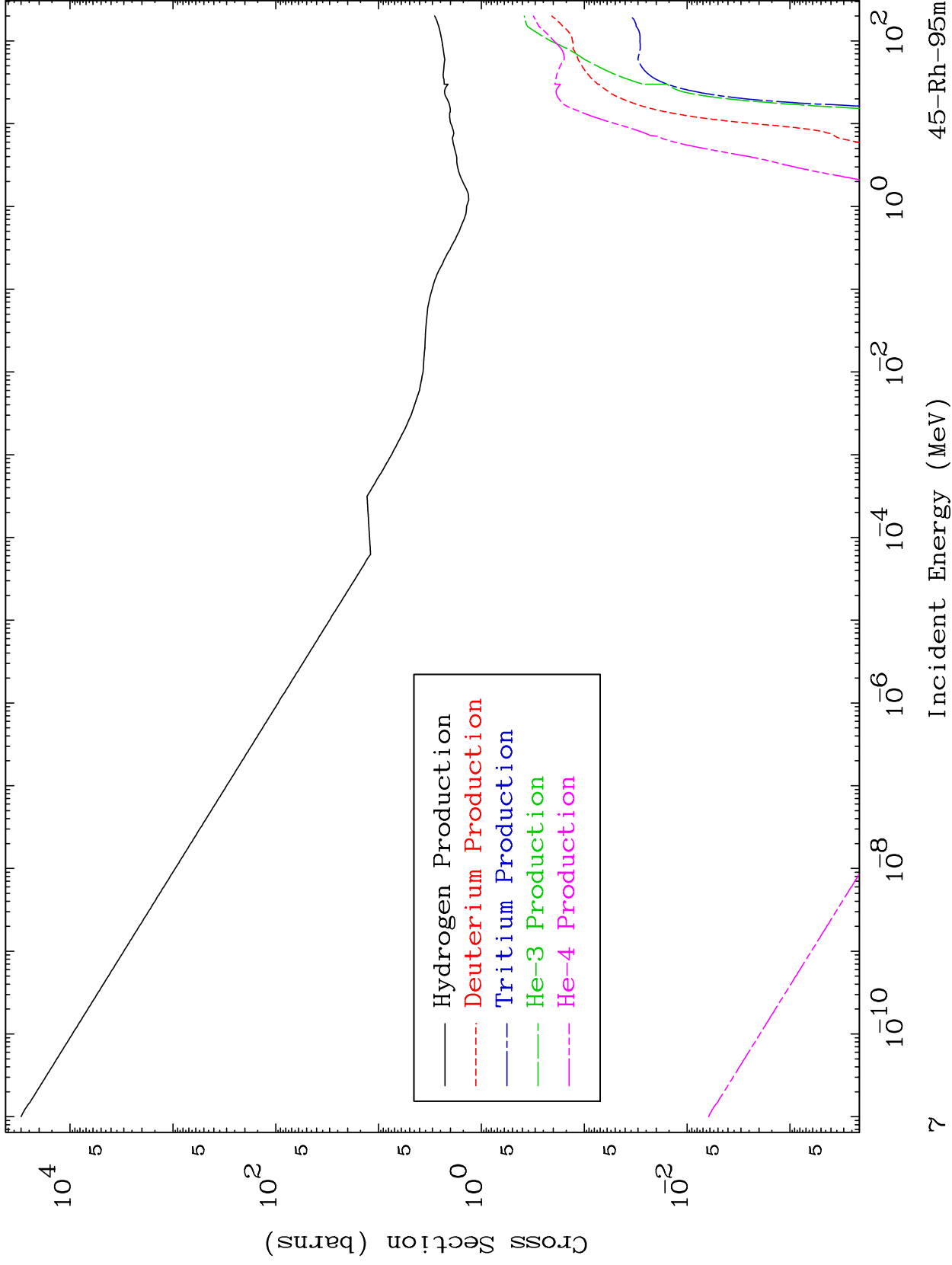
45-Rh-95m



MAT 4502

Particle Production
293 Kelvin Cross Sections

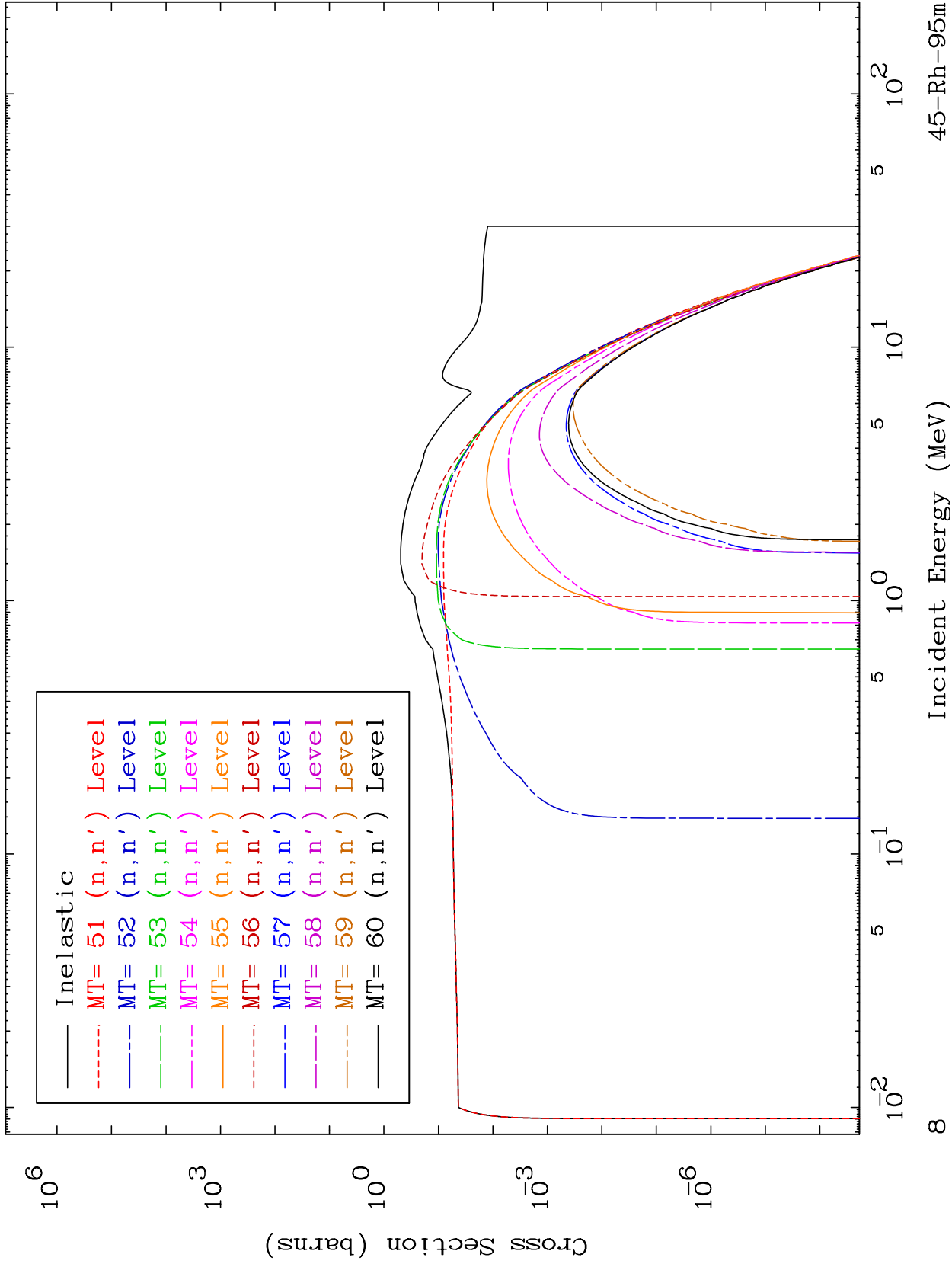
45-Rh-95m



MAT 4502

(n,n') Levels
293 Kelvin Cross Sections

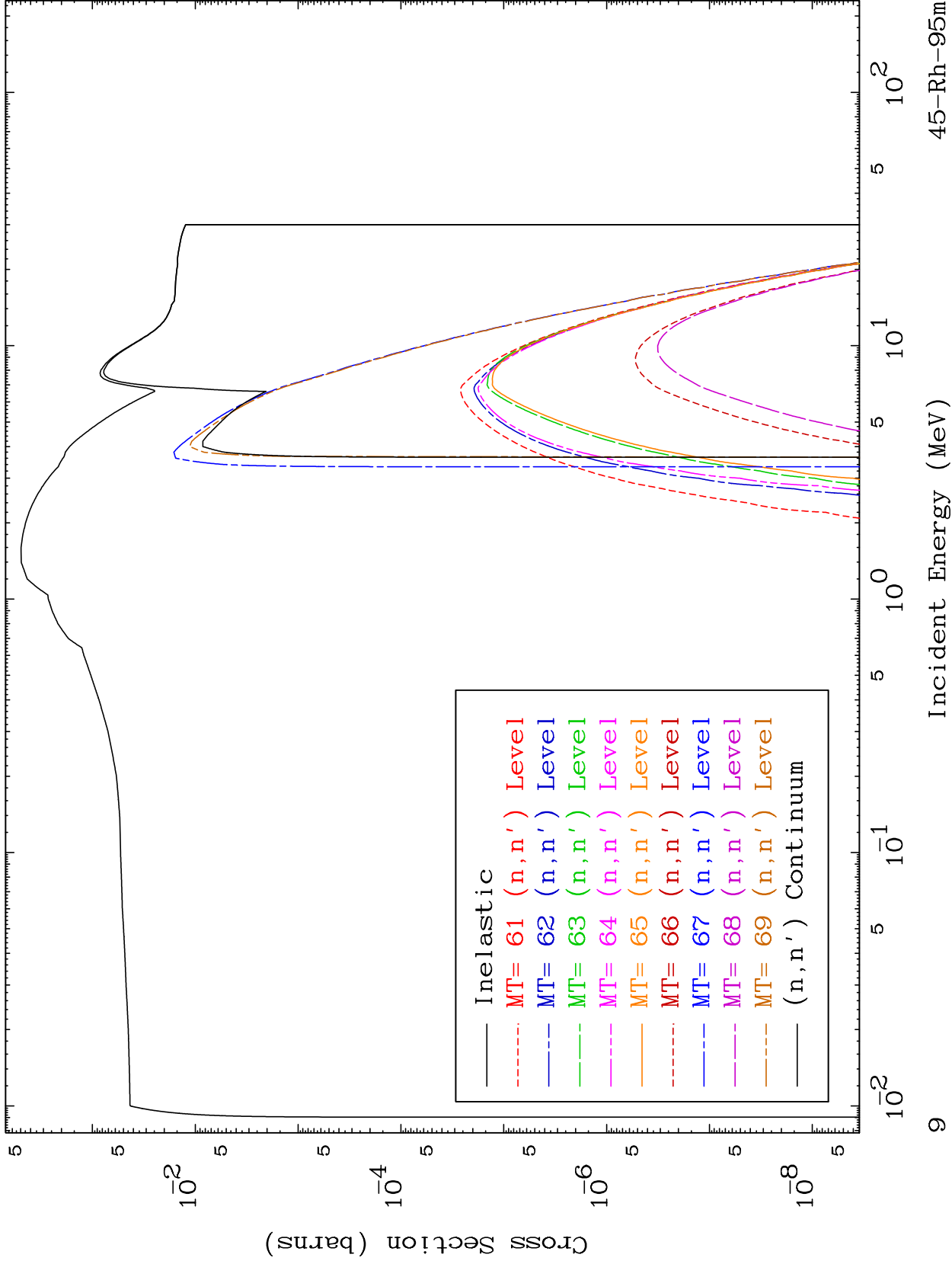
45-Rh-95m



MAT 4502

(n,n') Levels
293 Kelvin Cross Sections

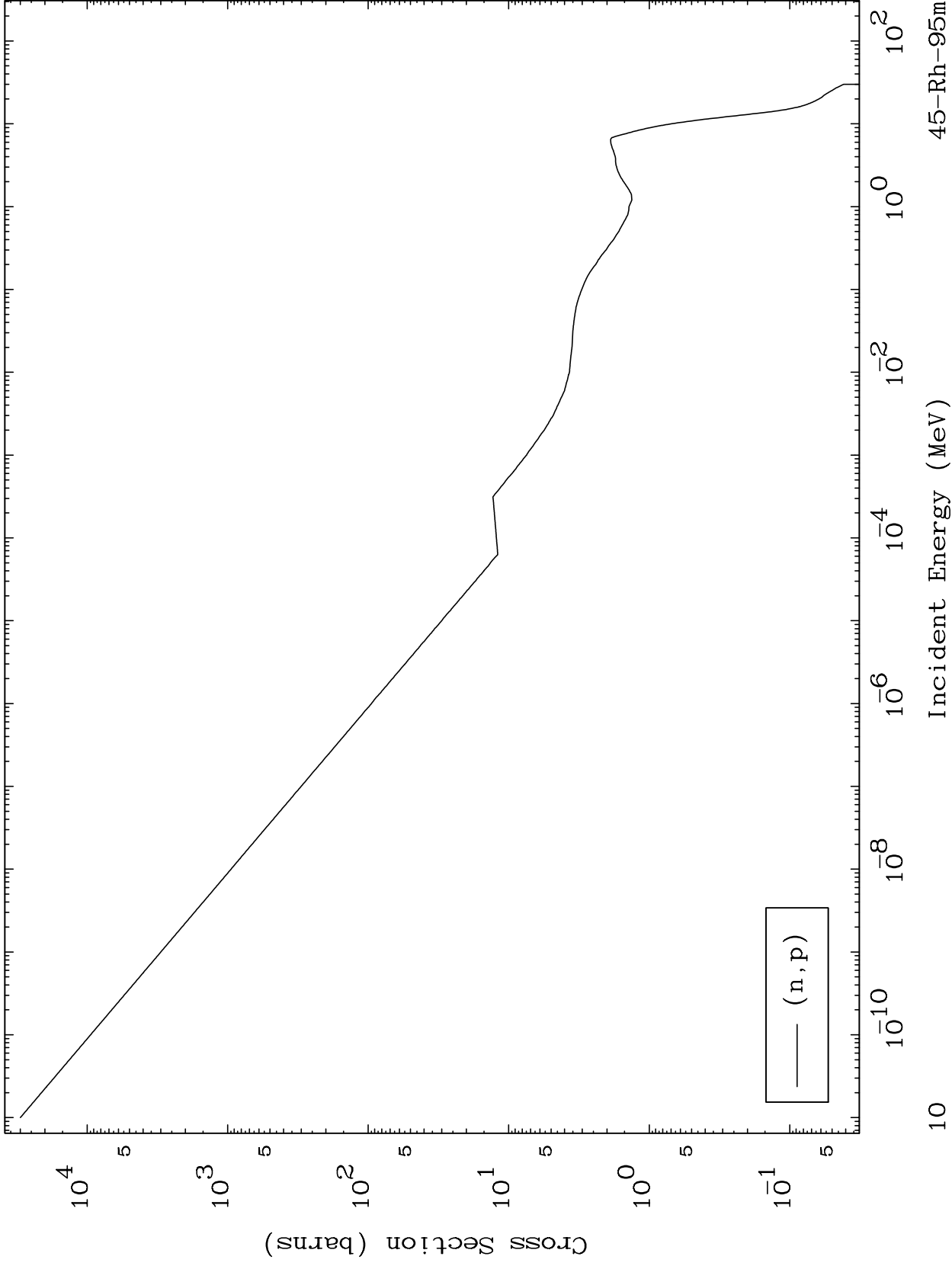
45-Rh-95m



MAT 4502

(n,p) Levels
293 Kelvin Cross Sections

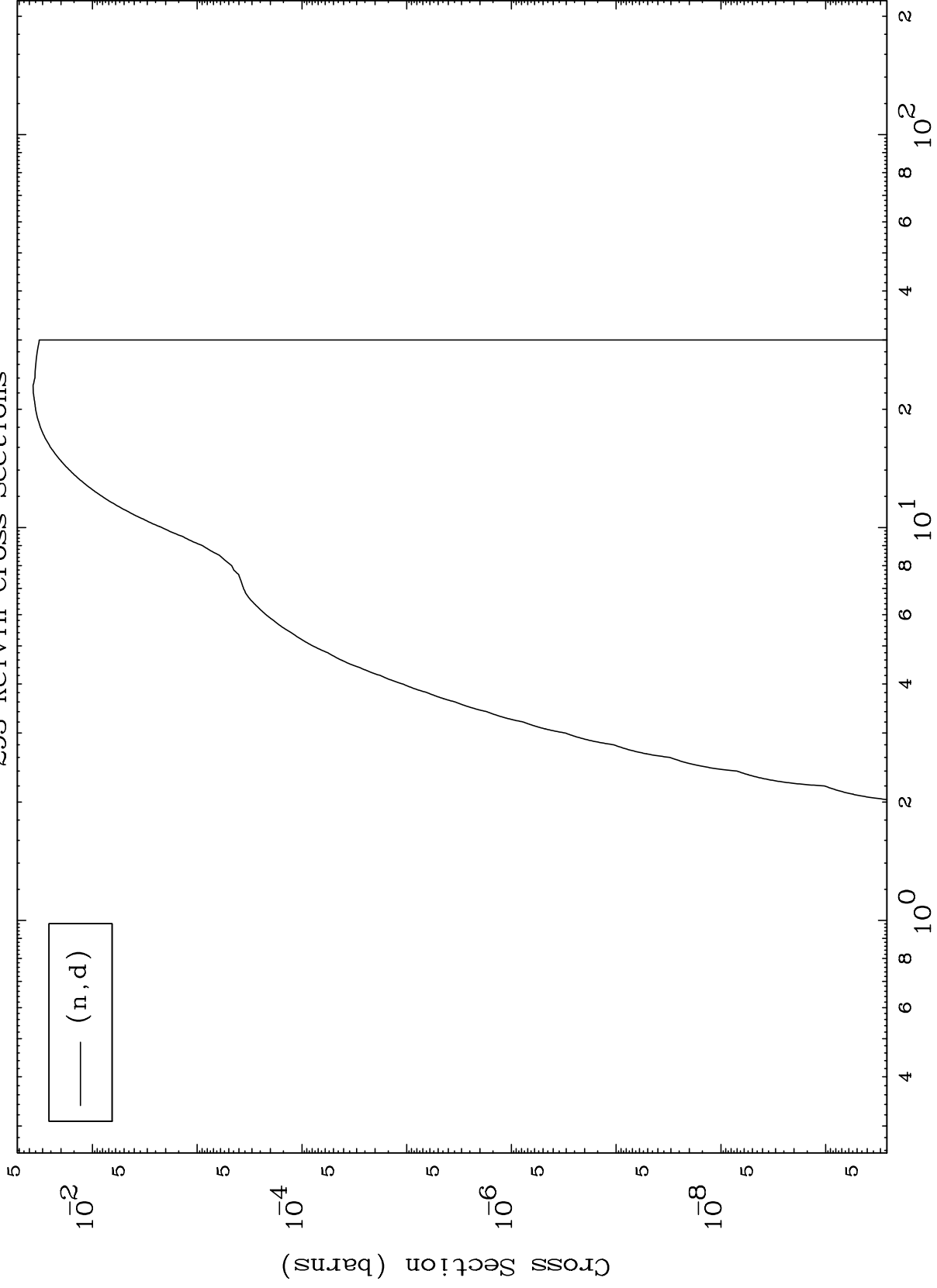
45-Rh-95m



MAT 4502

(n,d) Levels
293 Kelvin Cross Sections

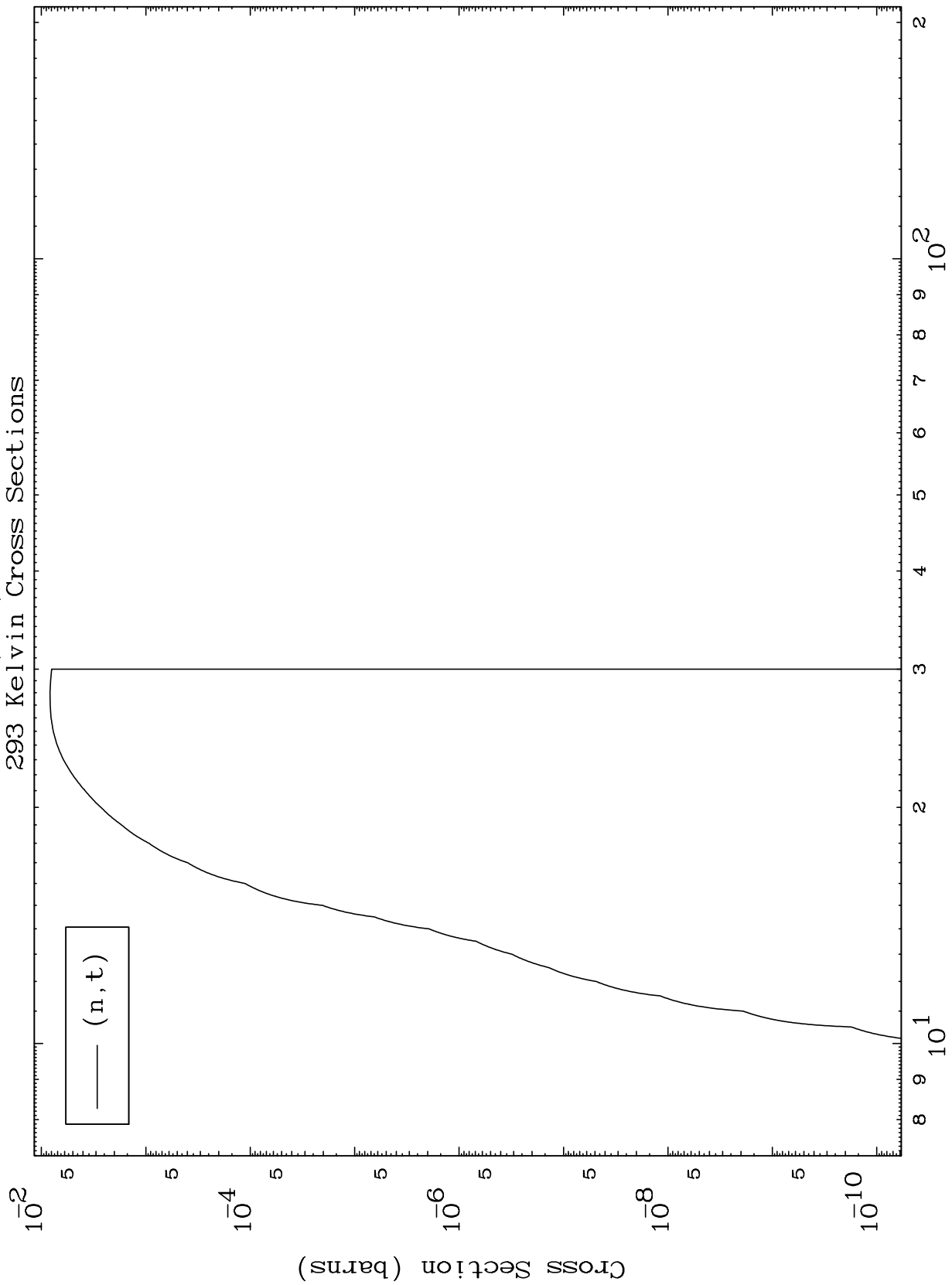
45-Rh-95m



MAT 4502

(n,t) Levels
293 Kelvin Cross Sections

45-Rh-95m



12

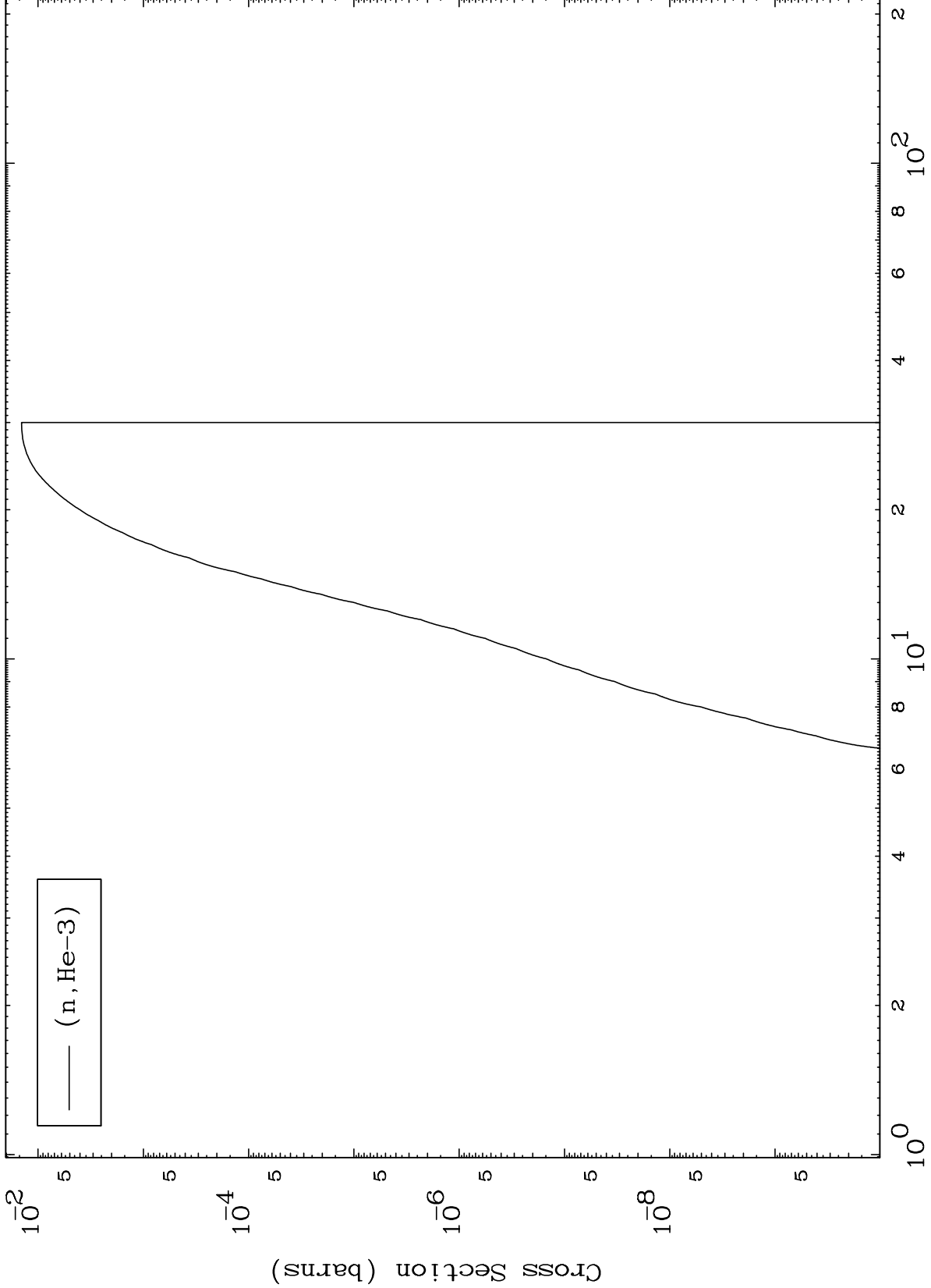
Incident Energy (MeV)

45-Rh-95m

MAT 4502

(n,He3) Levels
293 Kelvin Cross Sections

45-Rh-95m



(n, He-3)

13

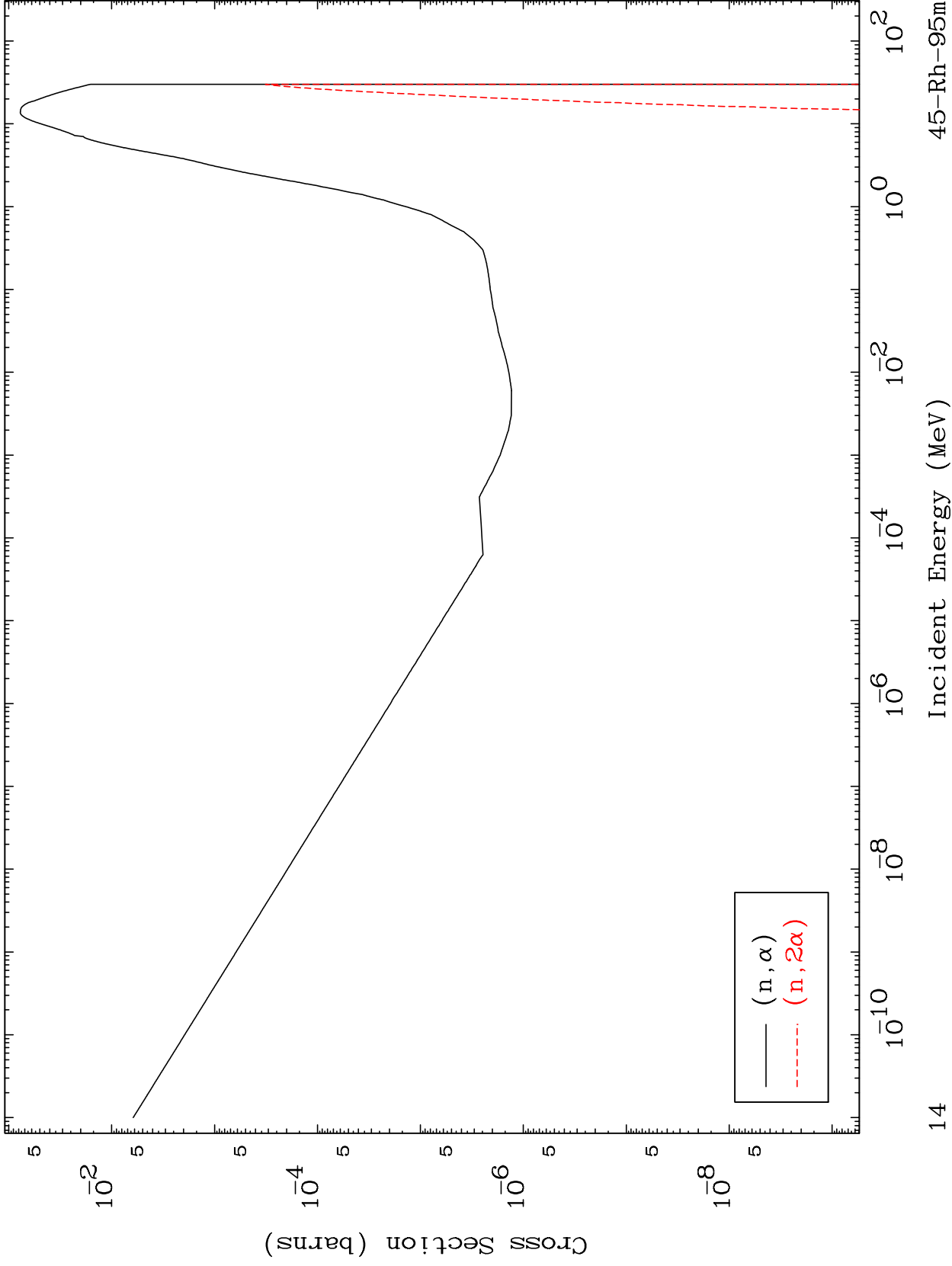
Incident Energy (MeV)

45-Rh-95m

MAT 4502

(n, α) Levels
293 Kelvin Cross Sections

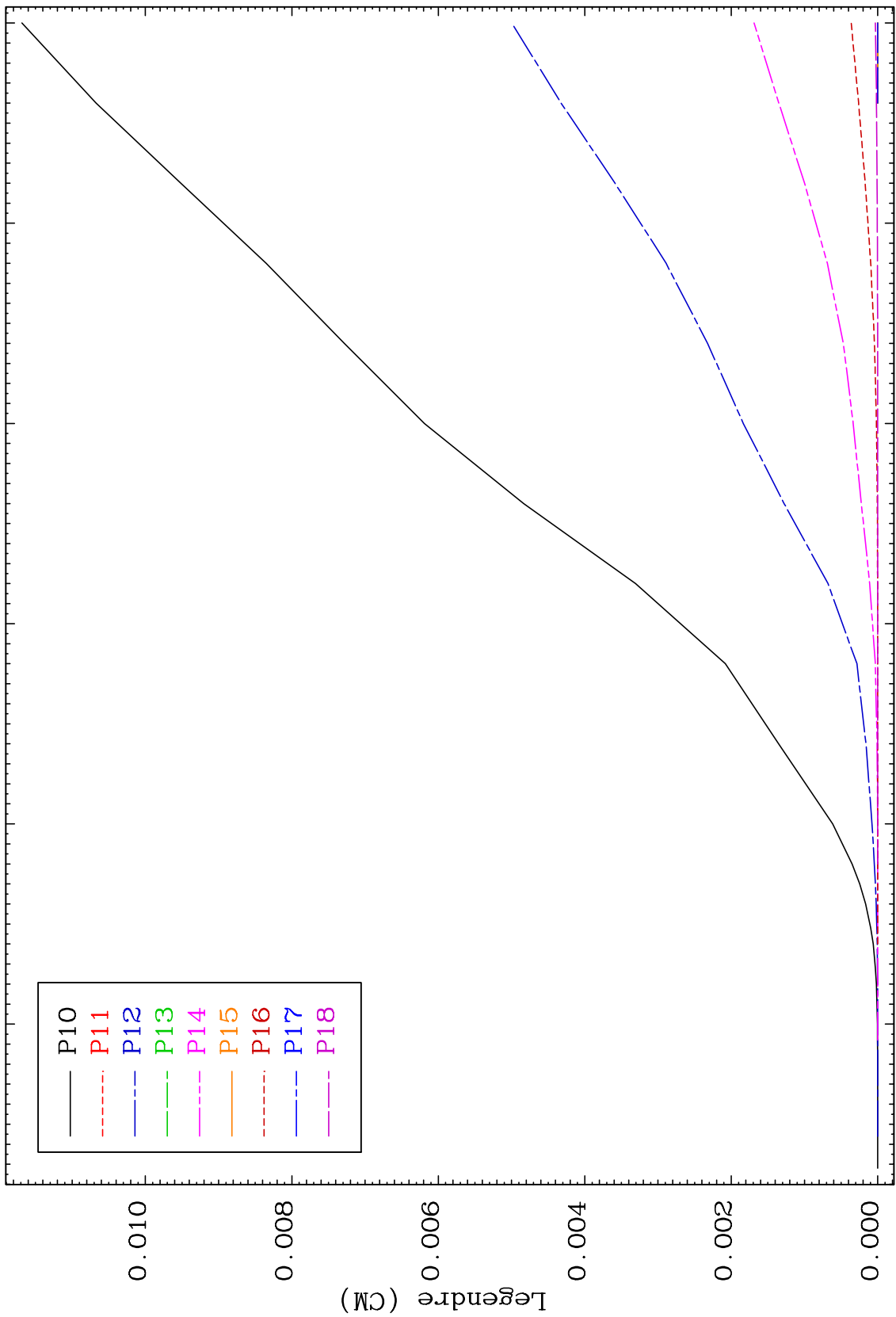
45-Rh-95m



MAT 4502

Elastic Legendre Coefficients

45-Rh-95m



16

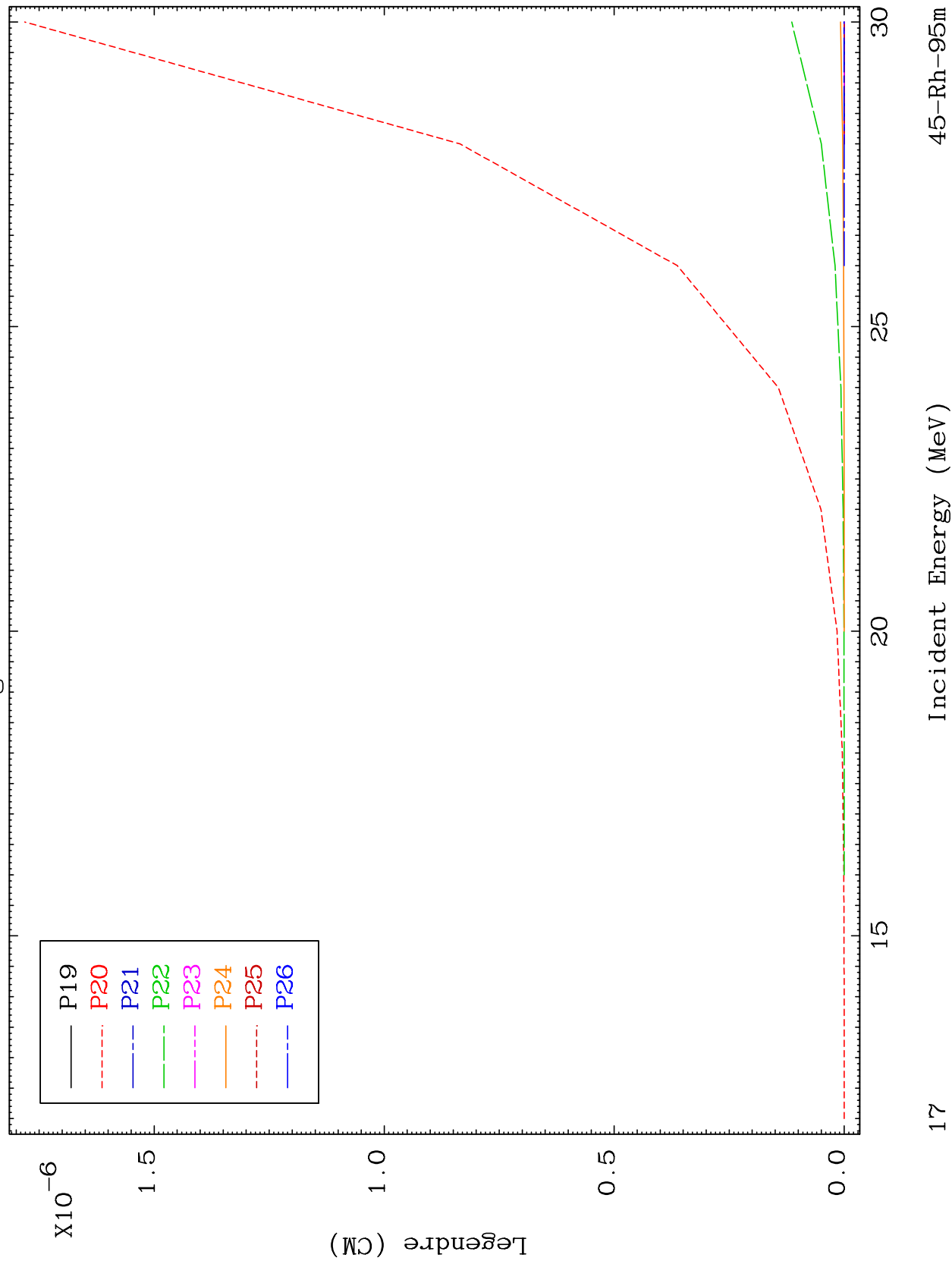
45-Rh-95m

Incident Energy (MeV)

MAT 4502

Elastic Legendre Coefficients

45-Rh-95m



17

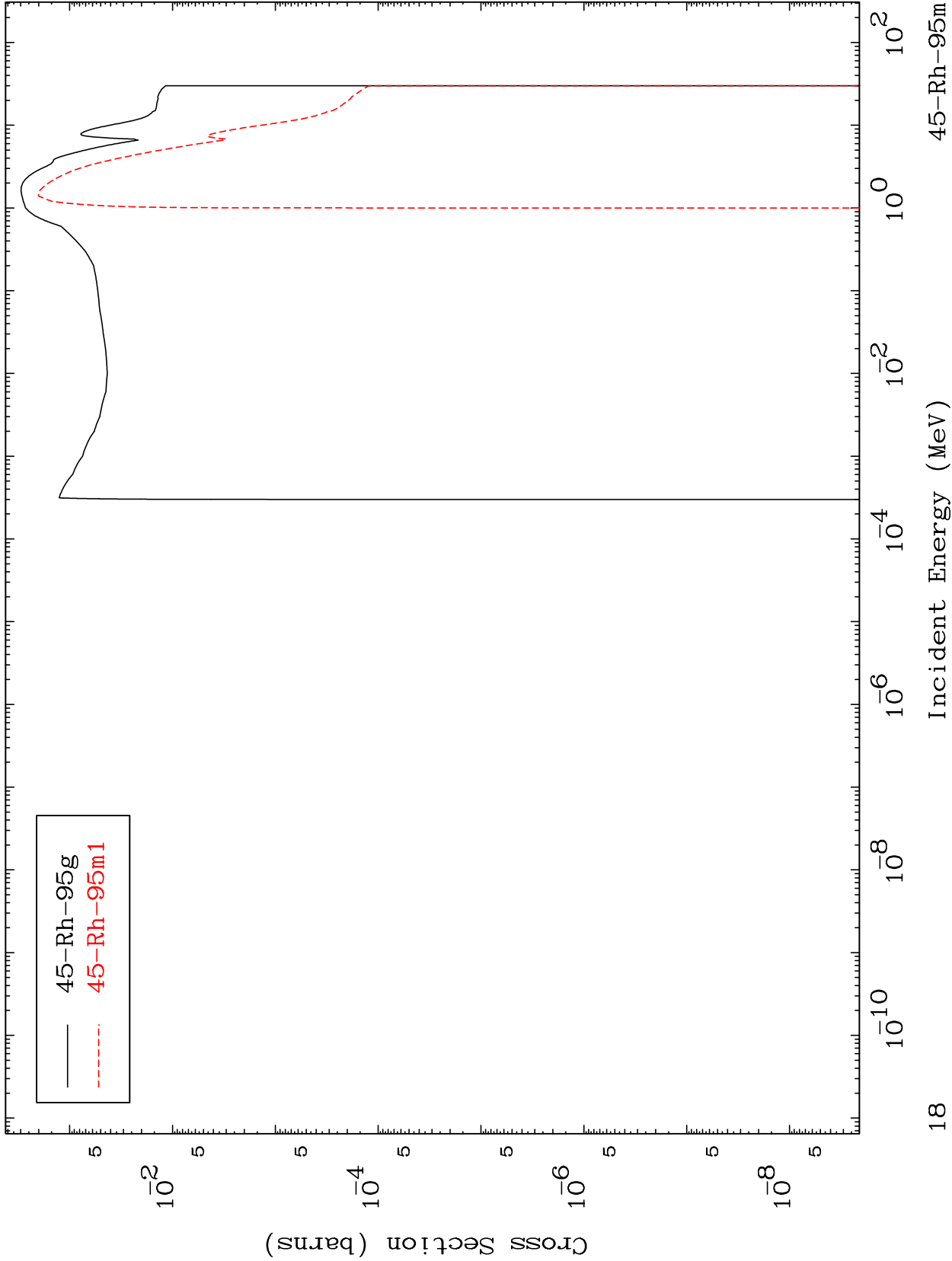
Incident Energy (MeV)

45-Rh-95m

MAT 4502

Inelastic
Radionuclide Production Cross Section

45-Rh-95m

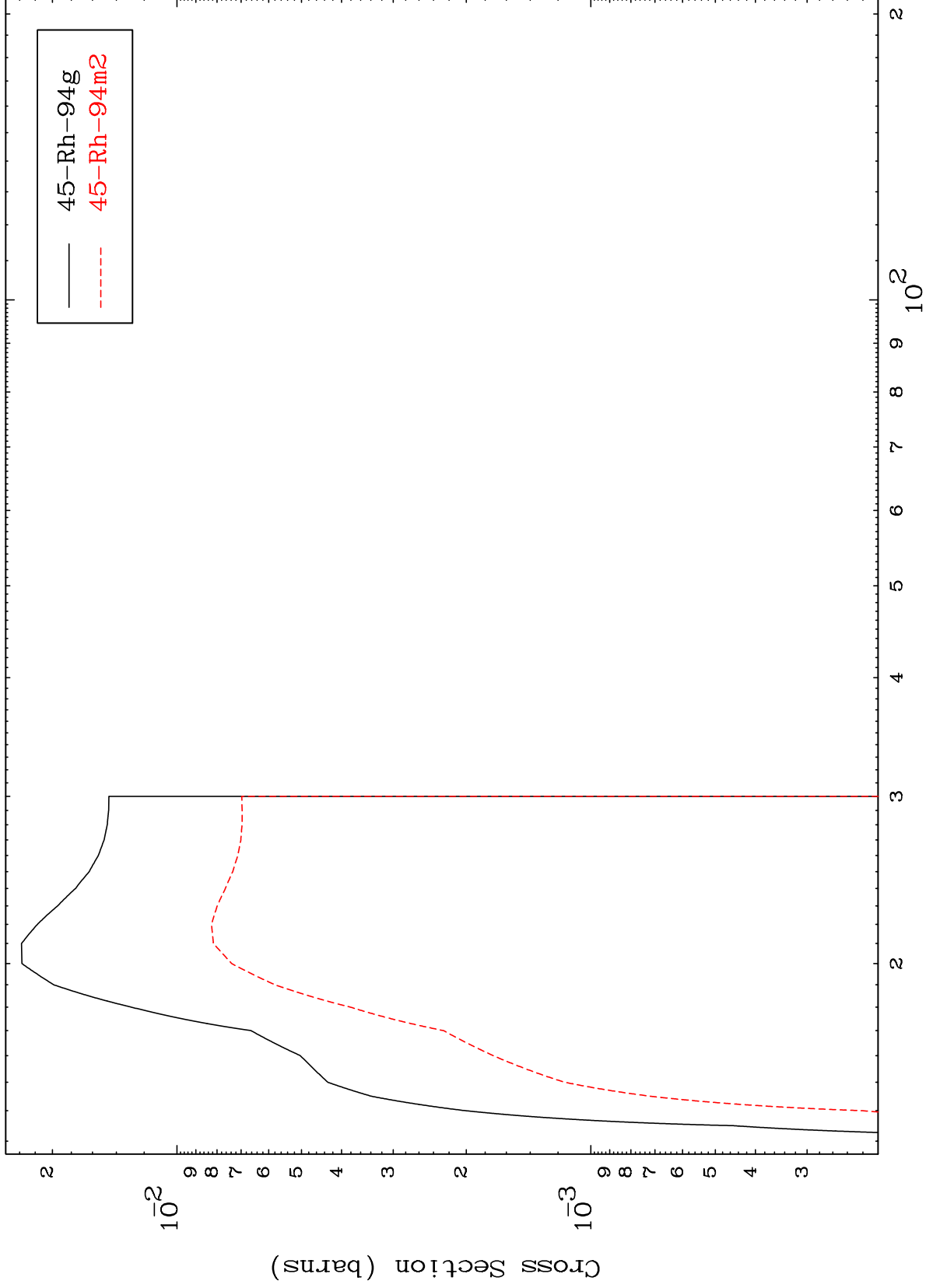


MAT 4502

(n,2n)

45-Rh-95m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

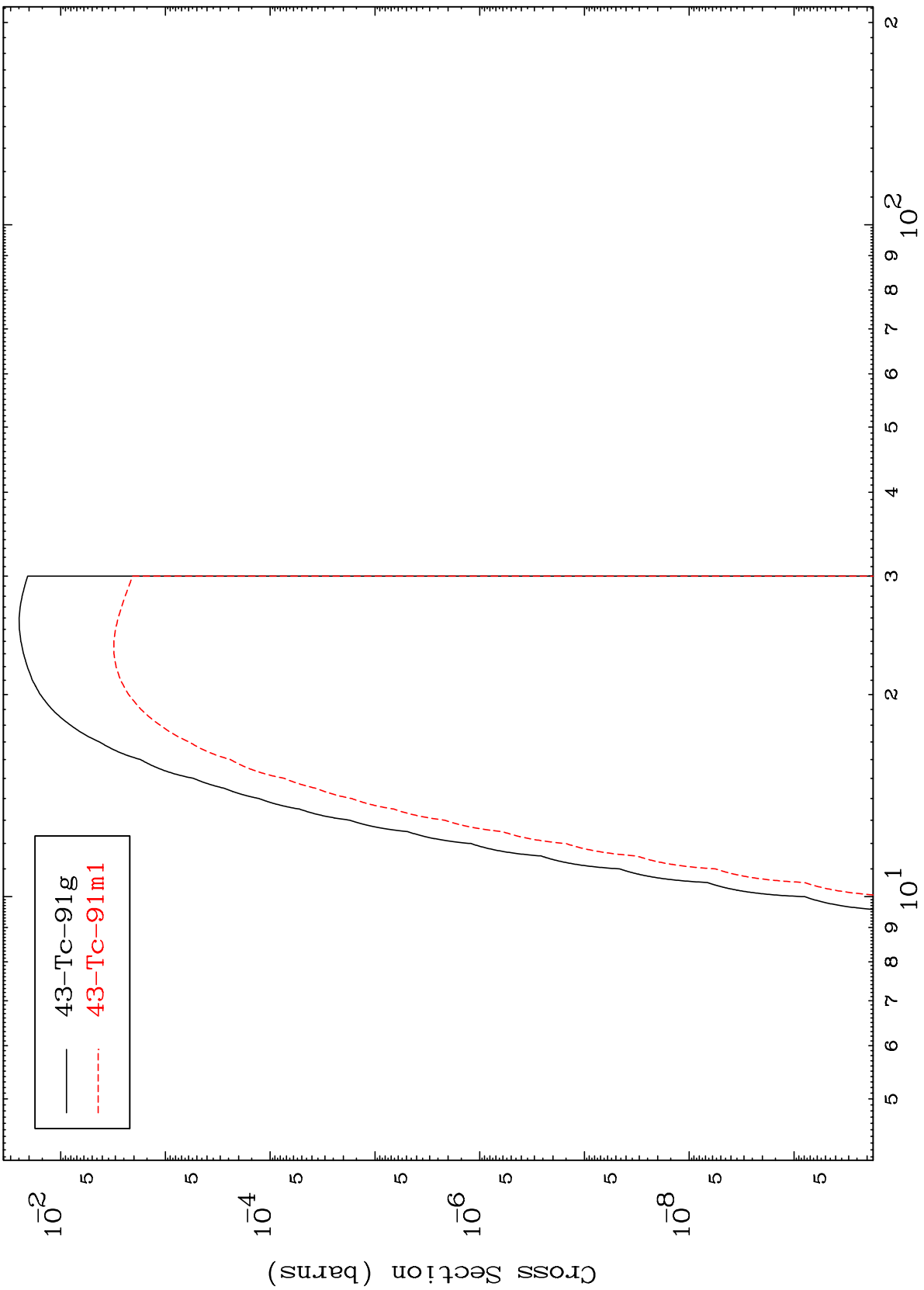
45-Rh-95m

MAT 4502

(n,n') α

45-Rh-95m

Radionuclide Production Cross Section

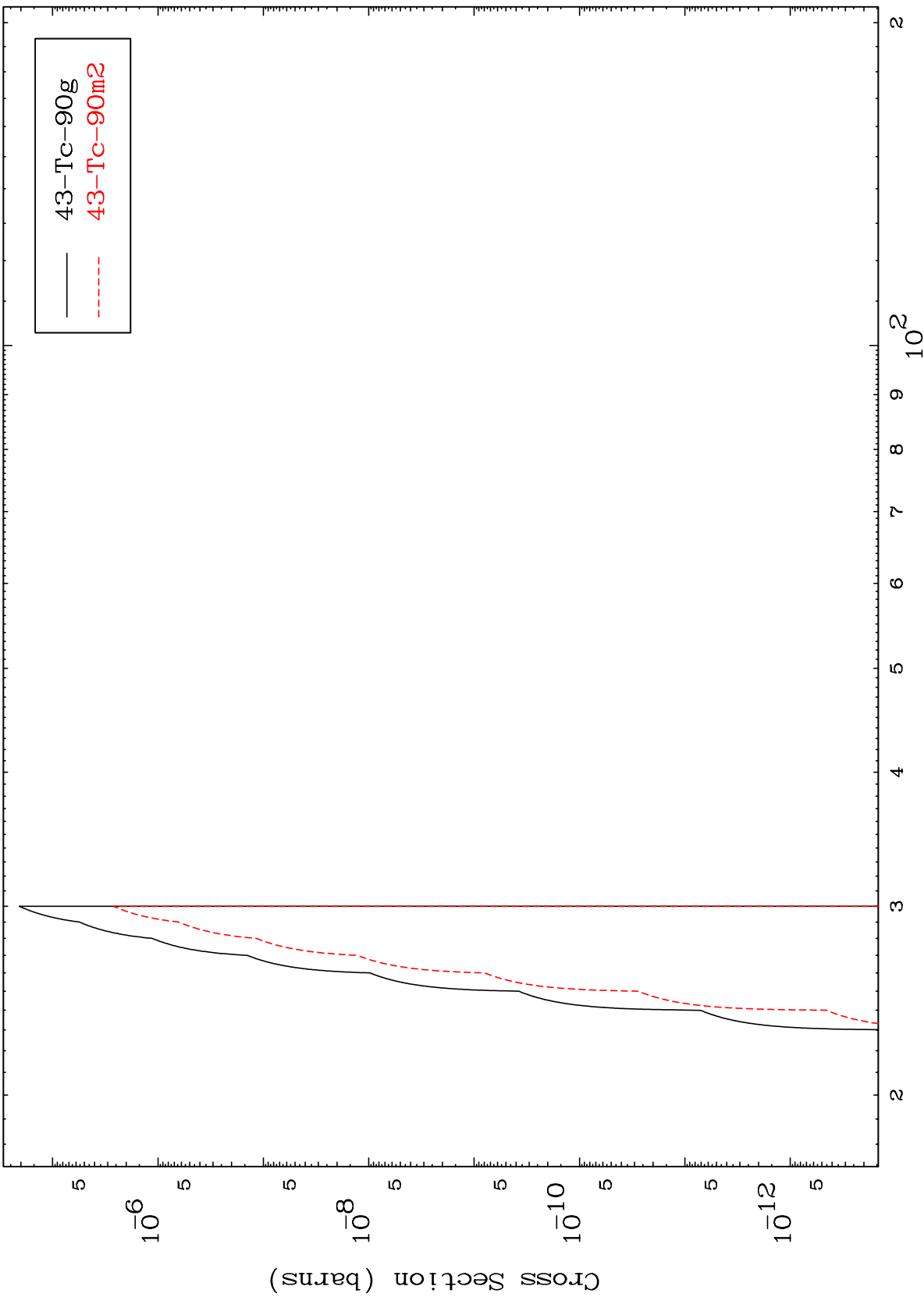


20

Incident Energy (MeV)

45-Rh-95m

Radionuclide Production Cross Section



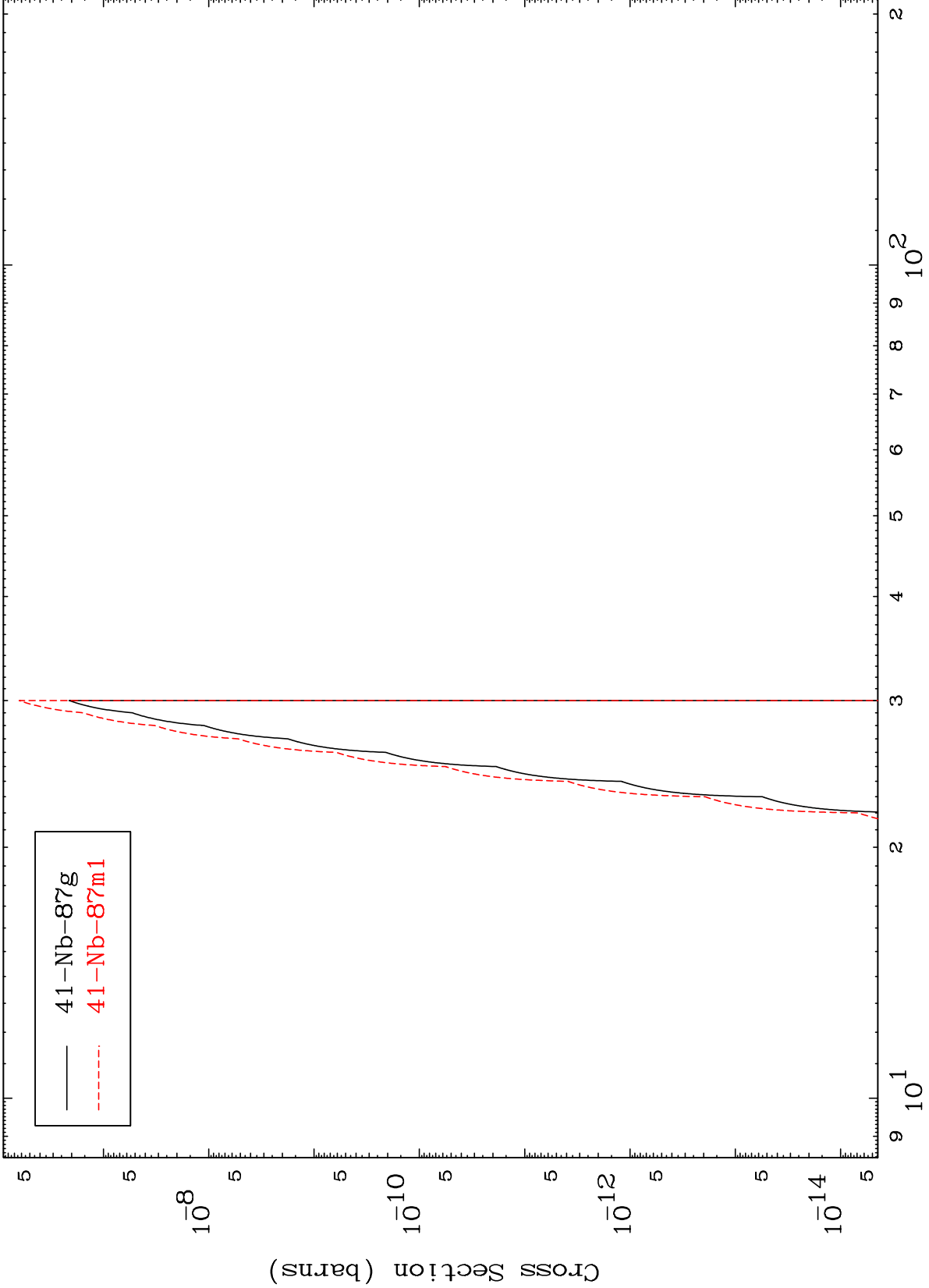
43-Tc-90g
43-Tc-90m2

MAT 4502

(n,n') 2α

45-Rh-95m

Radionuclide Production Cross Section



22

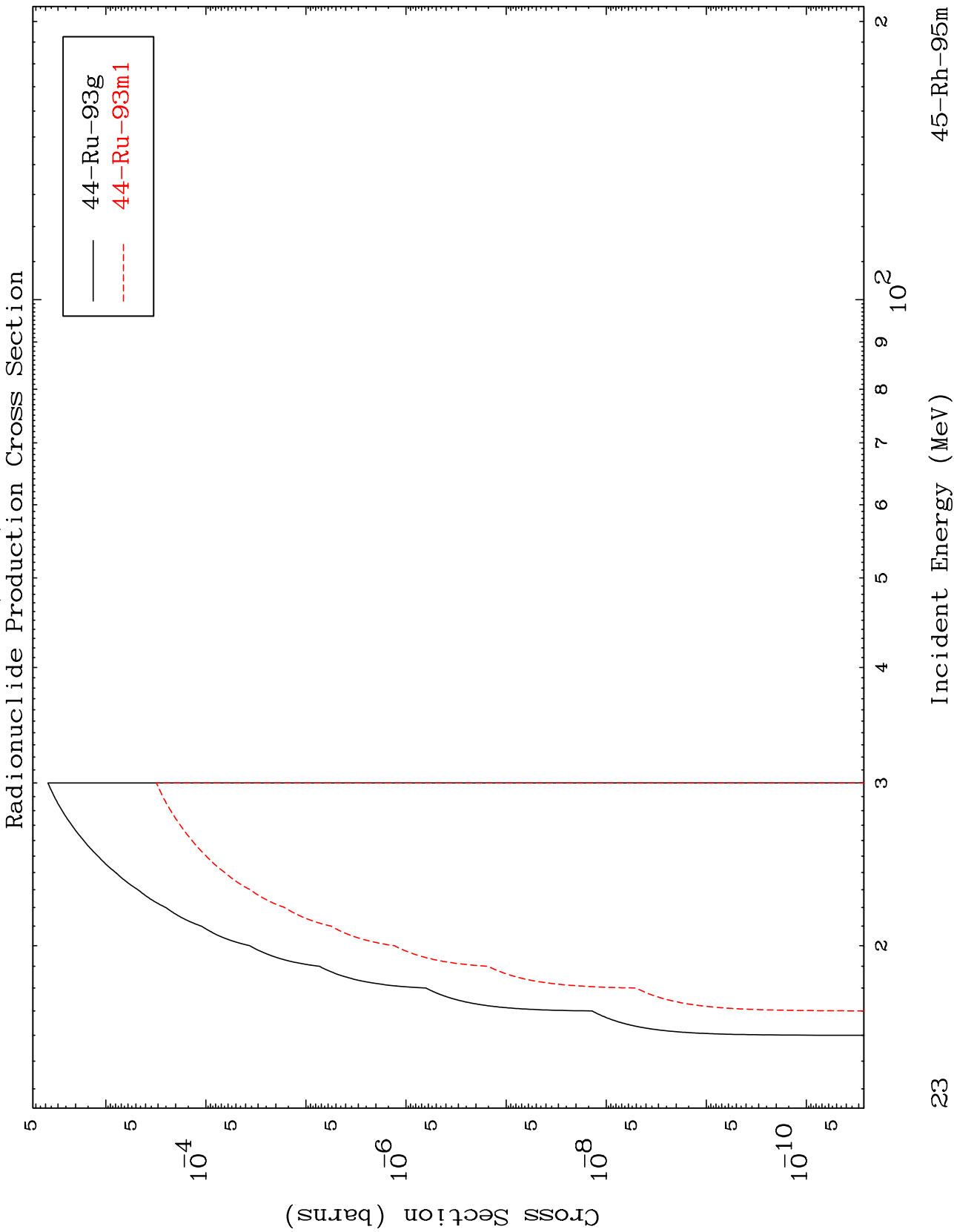
Incident Energy (MeV)

45-Rh-95m

MAT 4502

(n,n') d

45-Rh-95m



23

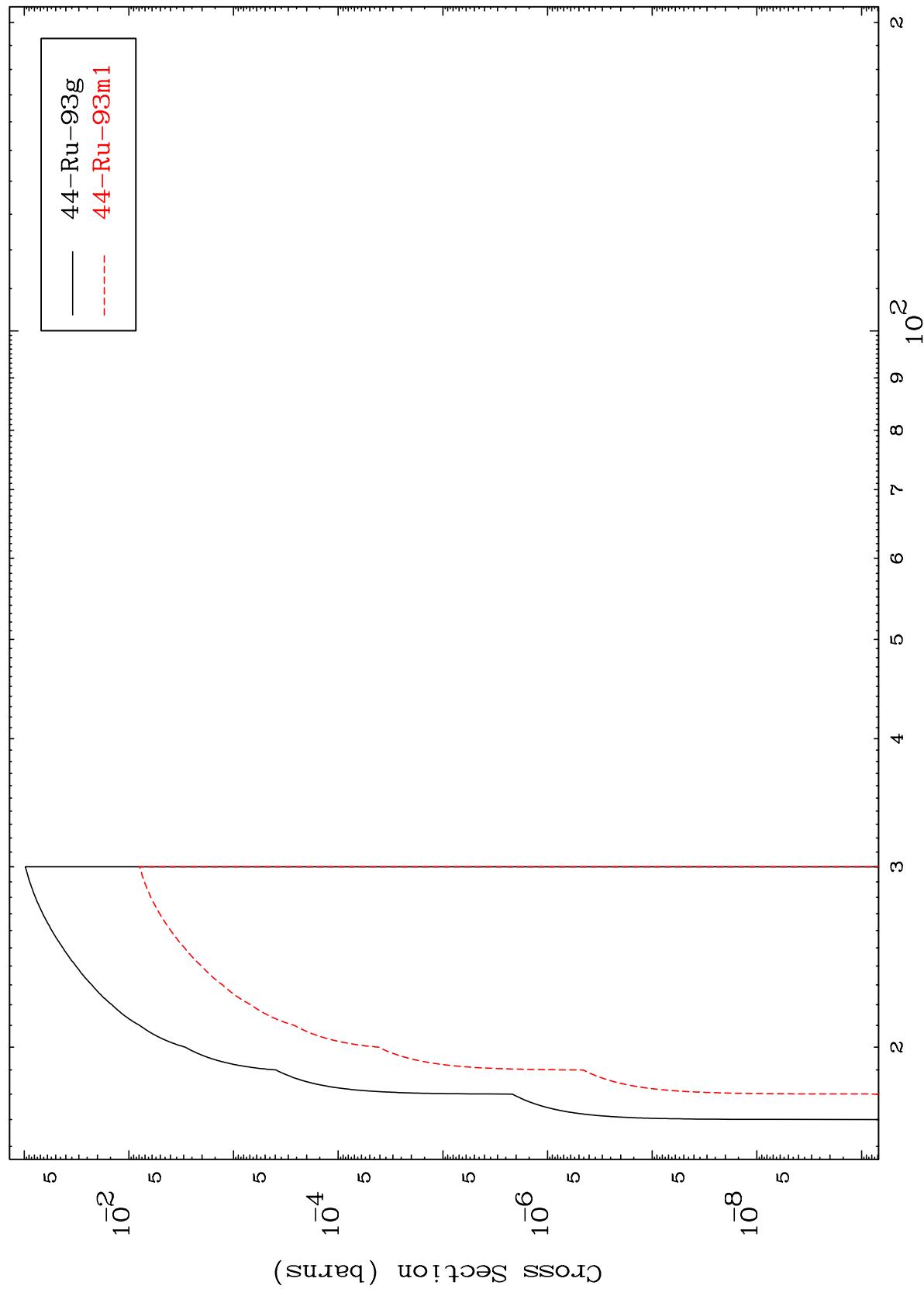
45-Rh-95m

MAT 4502

(n,2n) p

45-Rh-95m

Radionuclide Production Cross Section



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

24

Incident Energy (MeV)

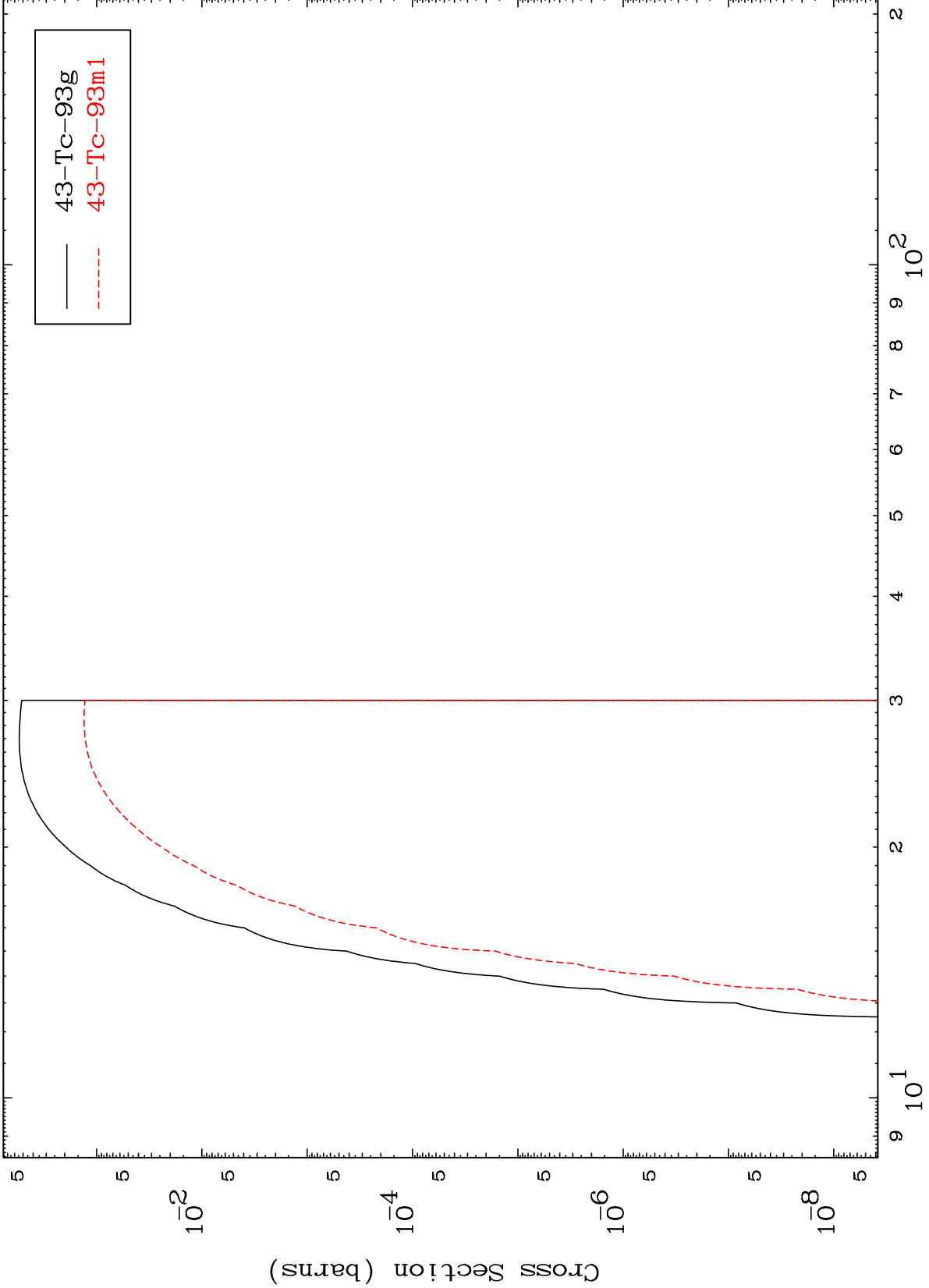
45-Rh-95m

MAT 4502

(n,2n) p

45-Rh-95m

Radionuclide Production Cross Section



25

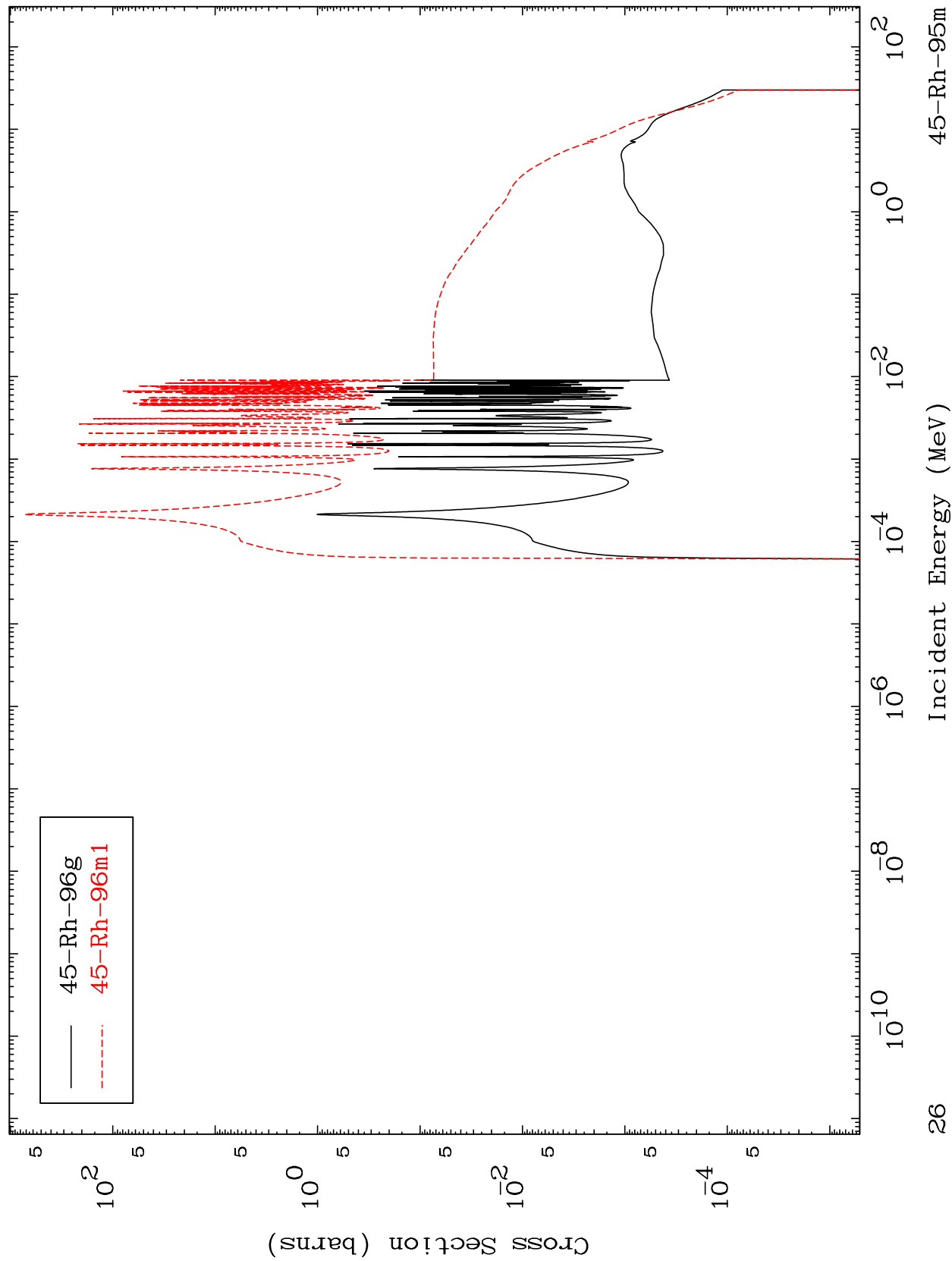
Incident Energy (MeV)

45-Rh-95m

MAT 4502

45-Rh-95m

(n, γ)
Radionuclide Production Cross Section



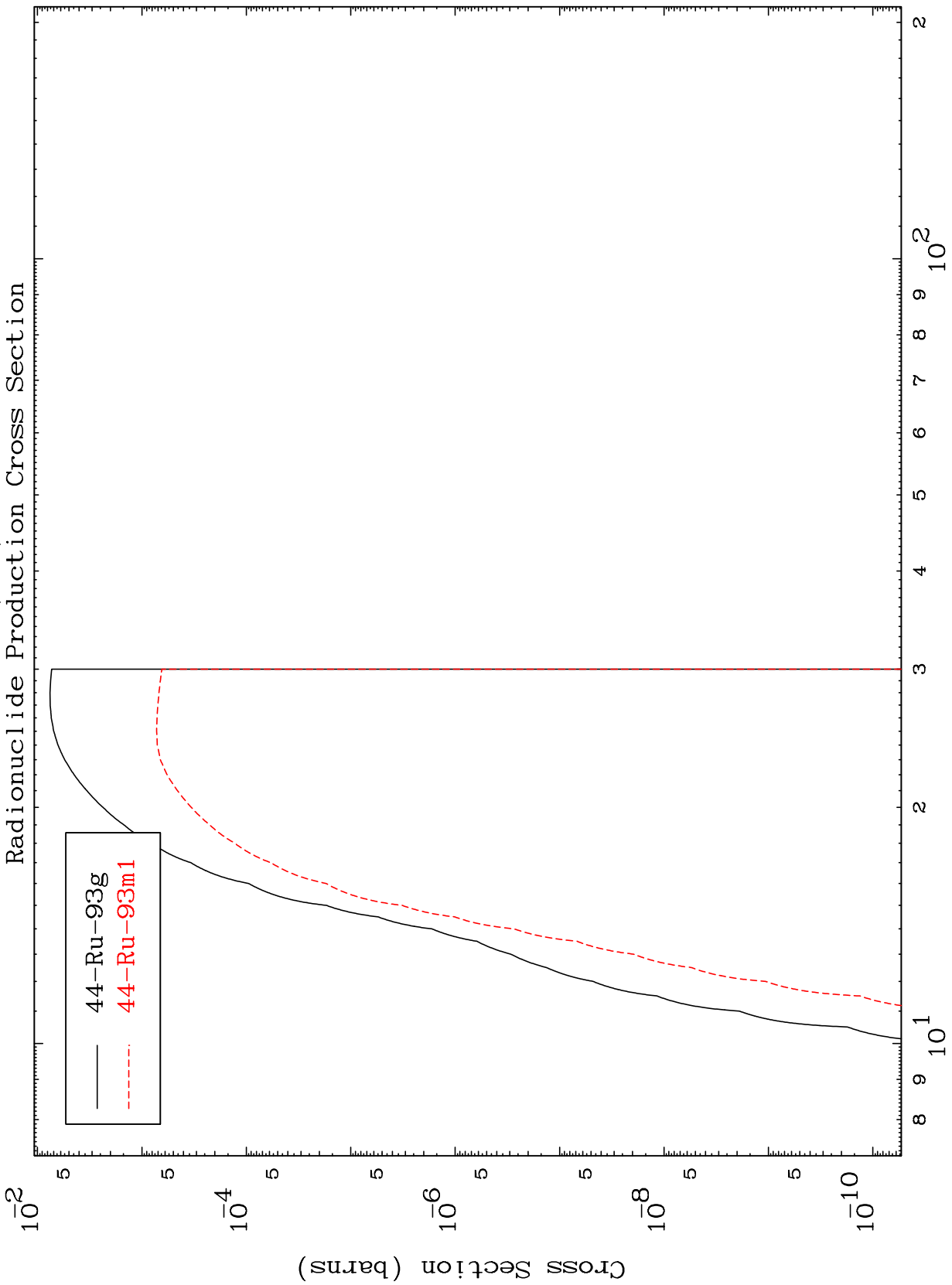
26

45-Rh-95m

MAT 4502

(n, t)

45-Rh-95m



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

Incident Energy (MeV)

45-Rh-95m

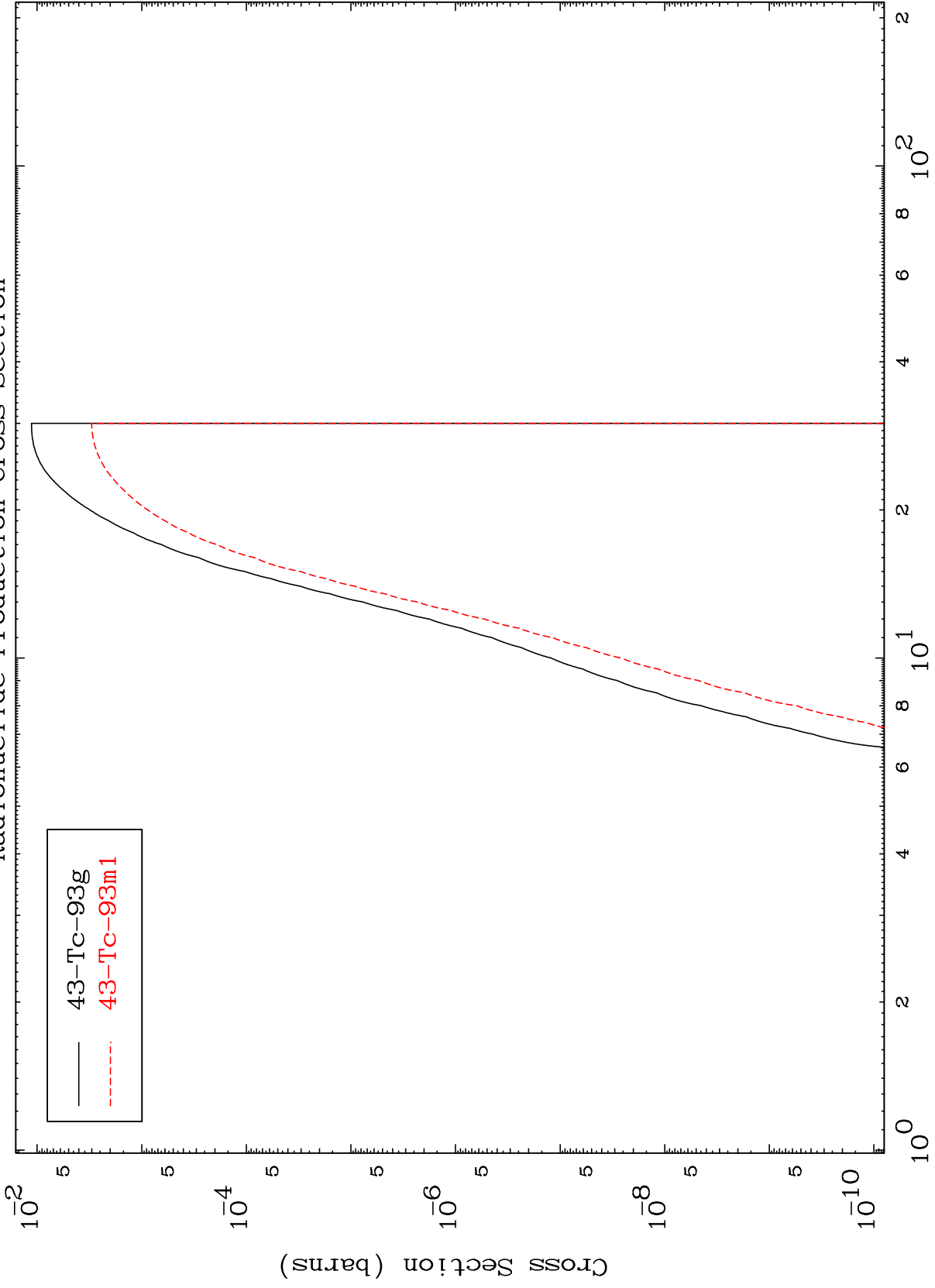
27

MAT 4502

(n,He-3)

45-Rh-95m

Radionuclide Production Cross Section



— 43-Tc-93g
- - - 43-Tc-93m1

Incident Energy (MeV)

45-Rh-95m

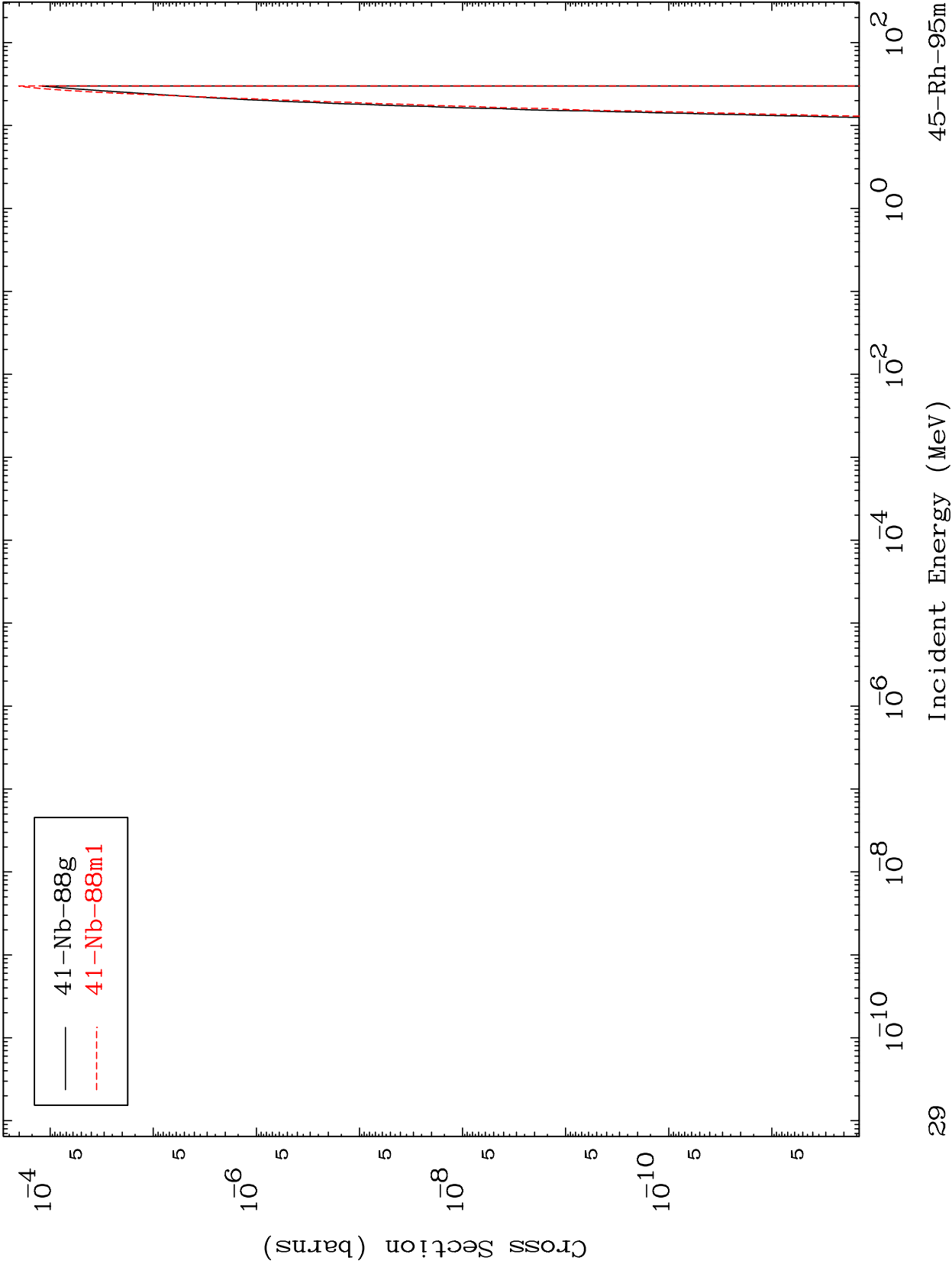
28

MAT 4502

(n,2α)

45-Rh-95m

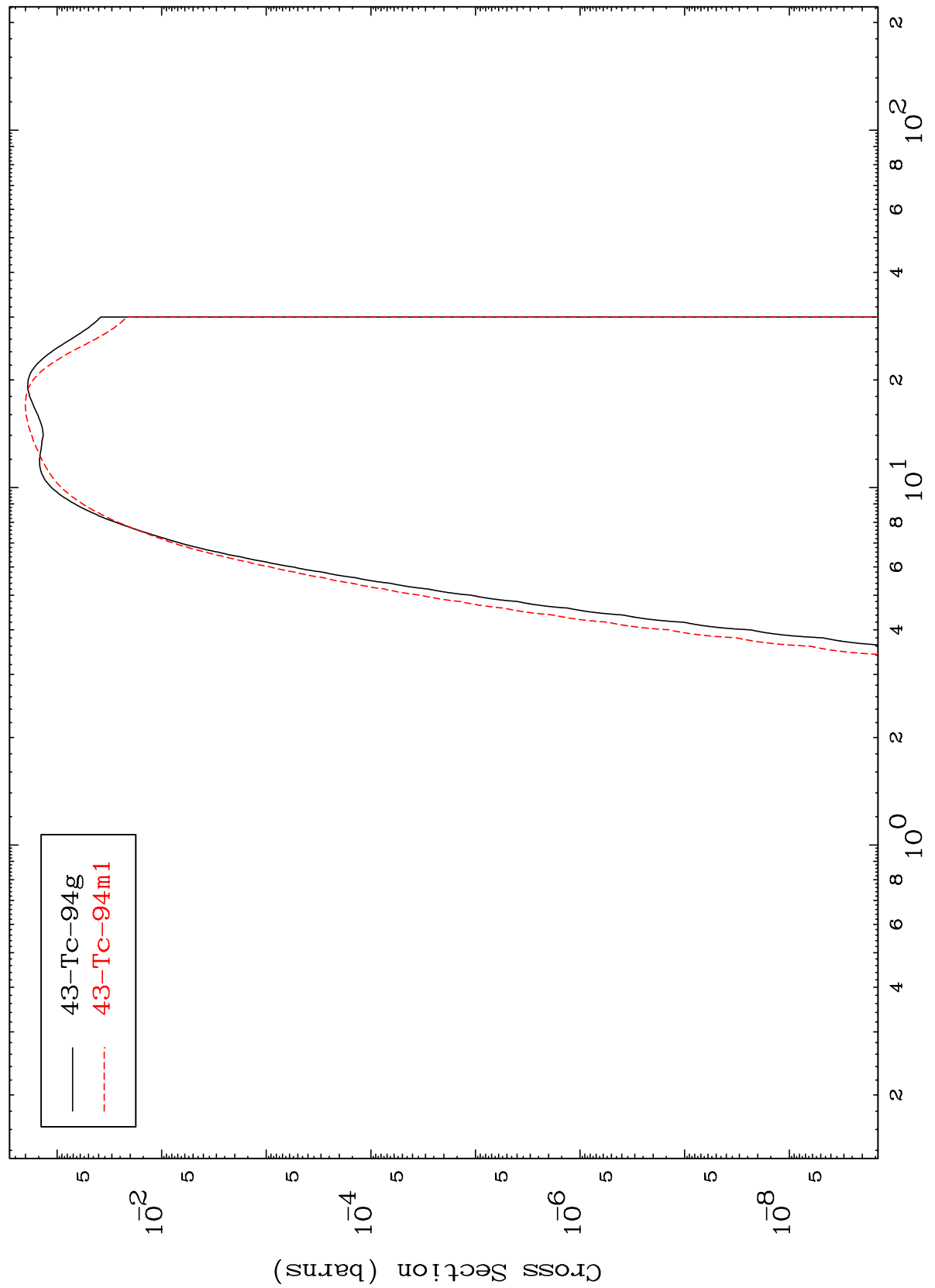
Radionuclide Production Cross Section



MAT 4502

45-Rh-95m

(n,2p)
Radionuclide Production Cross Section



30

Incident Energy (MeV)

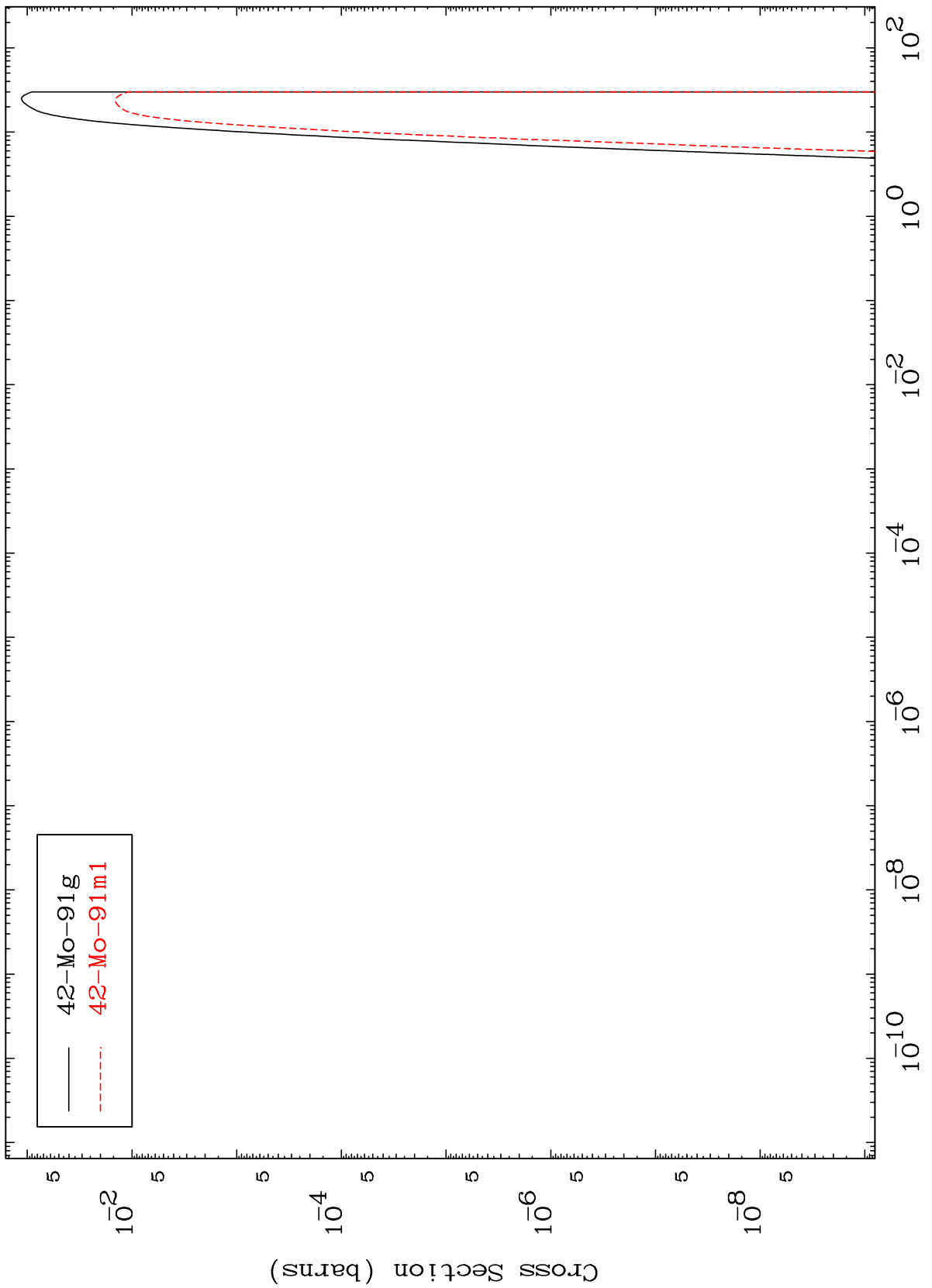
45-Rh-95m

MAT 4502

(n,p) α

45-Rh-95m

Radionuclide Production Cross Section



MAT 4502

(n,p) d

45-Rh-95m

Radionuclide Production Cross Section

