

Program EVALPLOT
(Version 2021-1)

by

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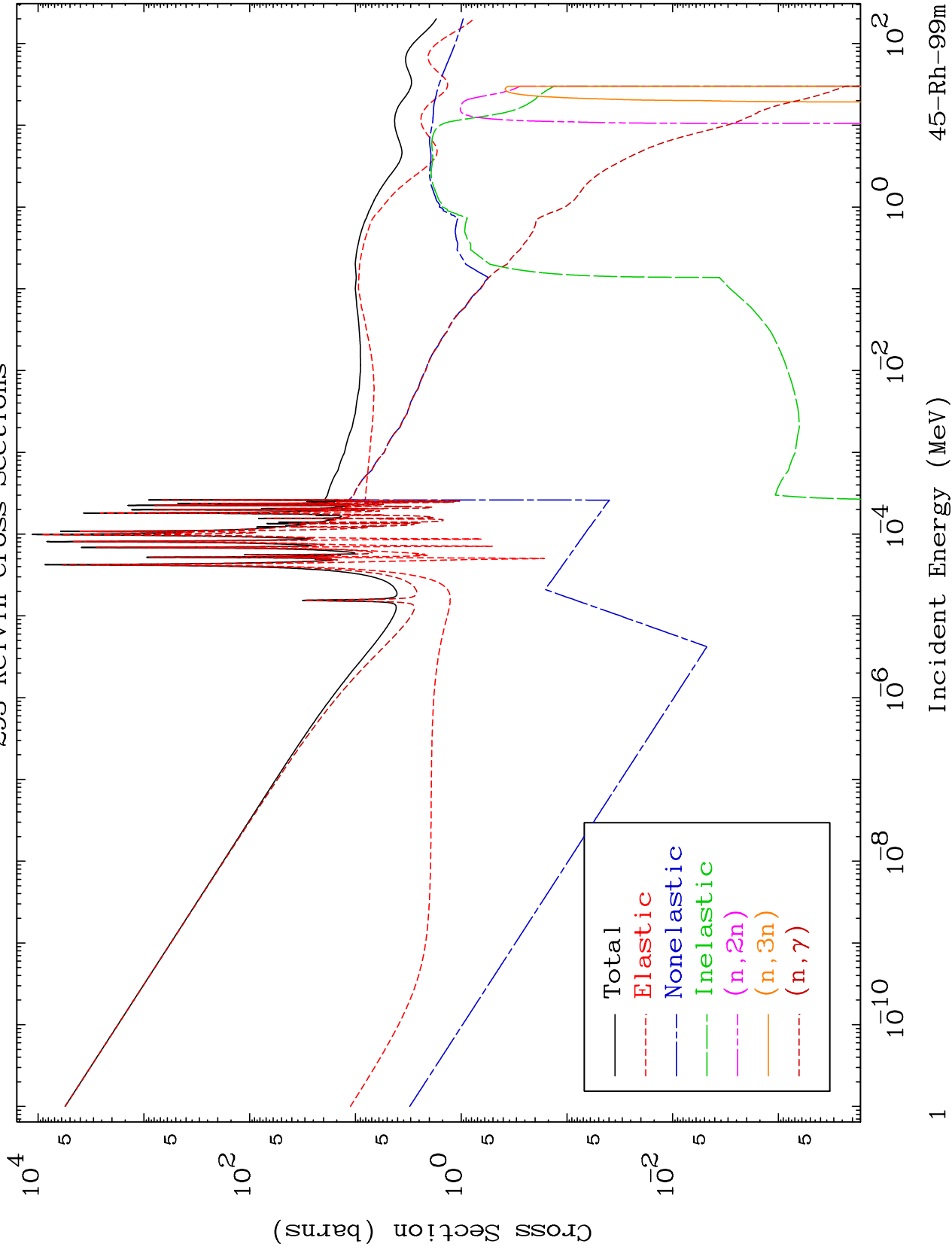
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4514

Neutron Major
293 Kelvin Cross Sections

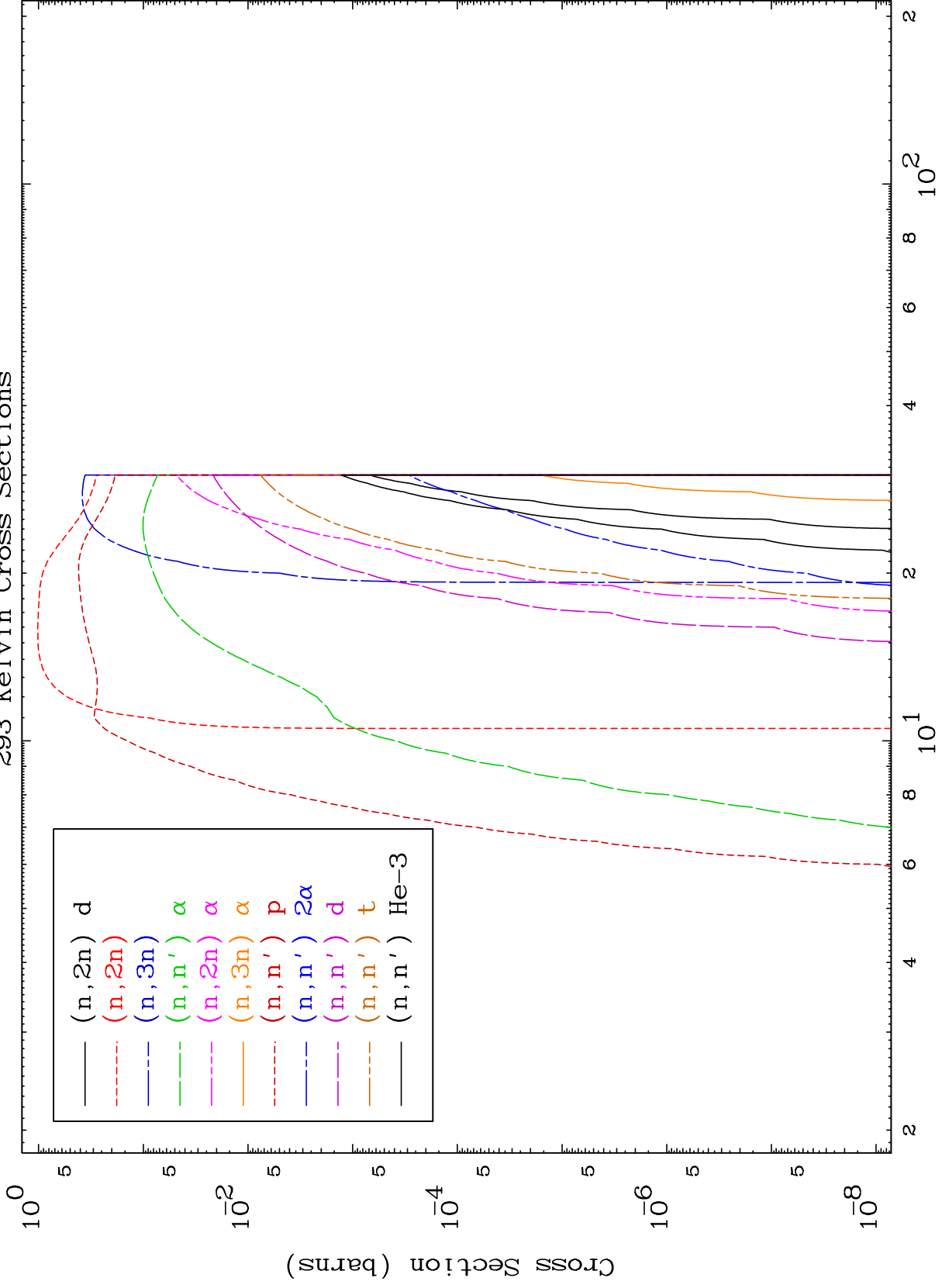
45-Rh-99m



MAT 4514

Neutron Absorption
293 Kelvin Cross Sections

45-Rh-99m



2

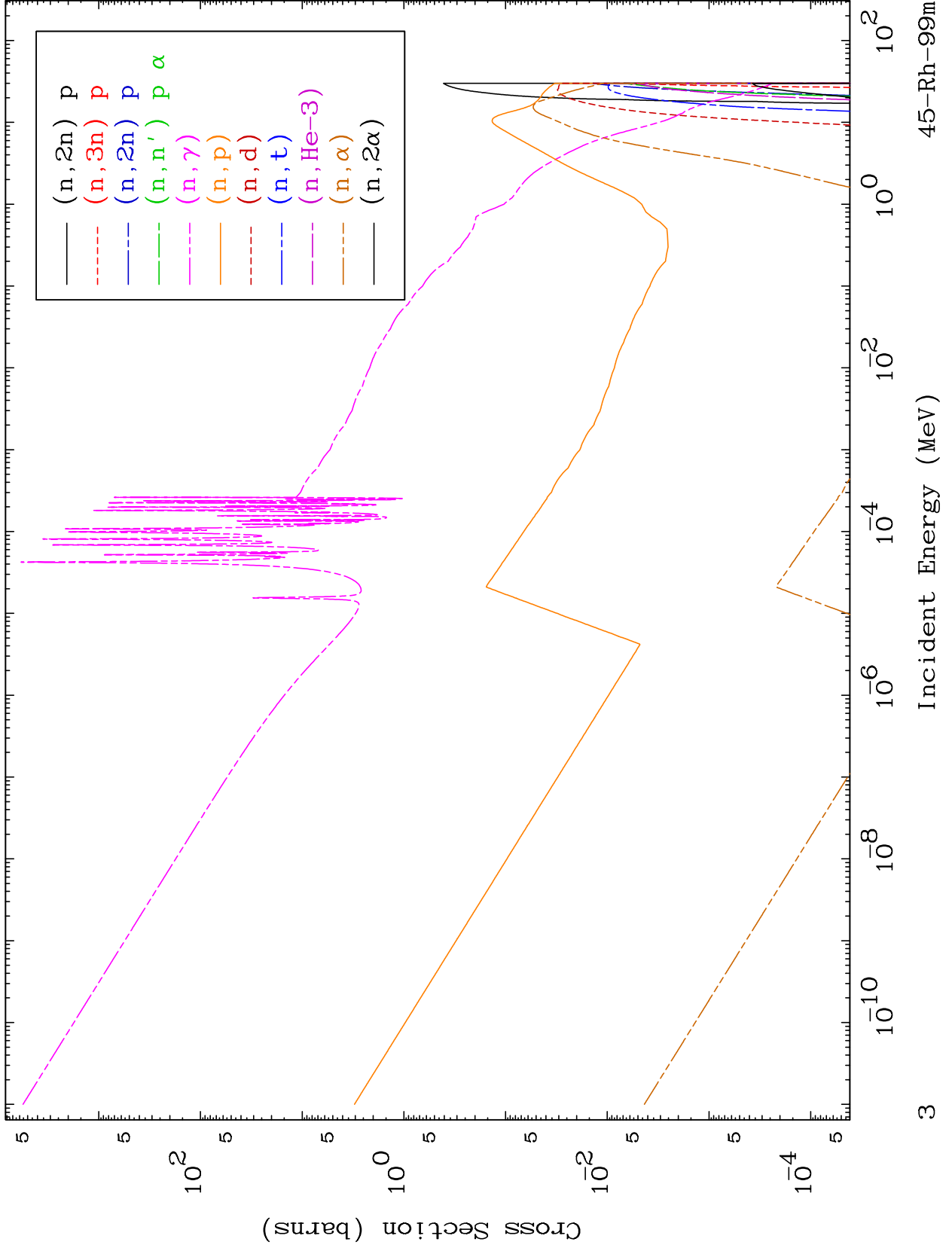
Incident Energy (MeV)

45-Rh-99m

MAT 4514

Neutron Absorption
293 Kelvin Cross Sections

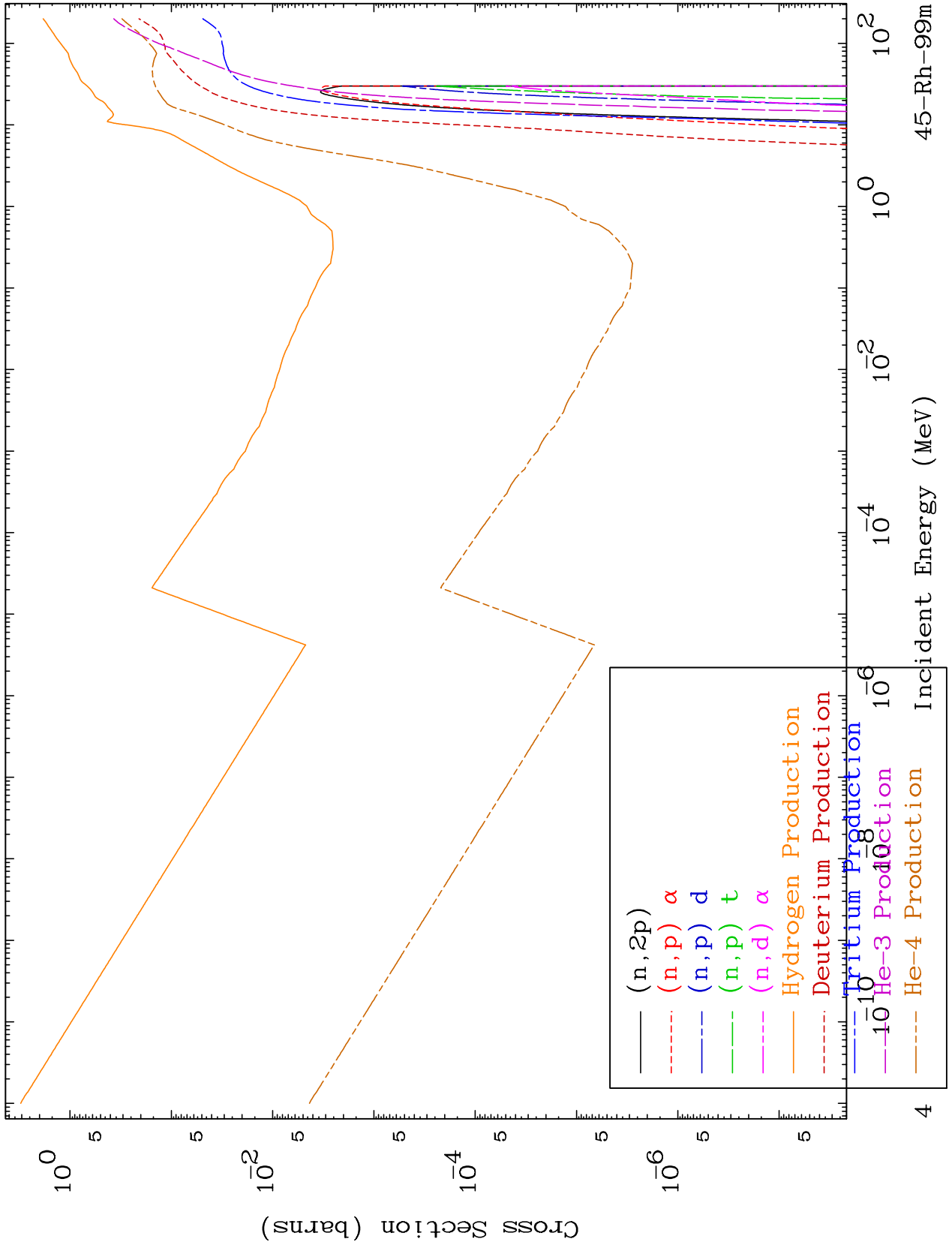
45-Rh-99m



MAT 4514

Neutron Absorption
293 Kelvin Cross Sections

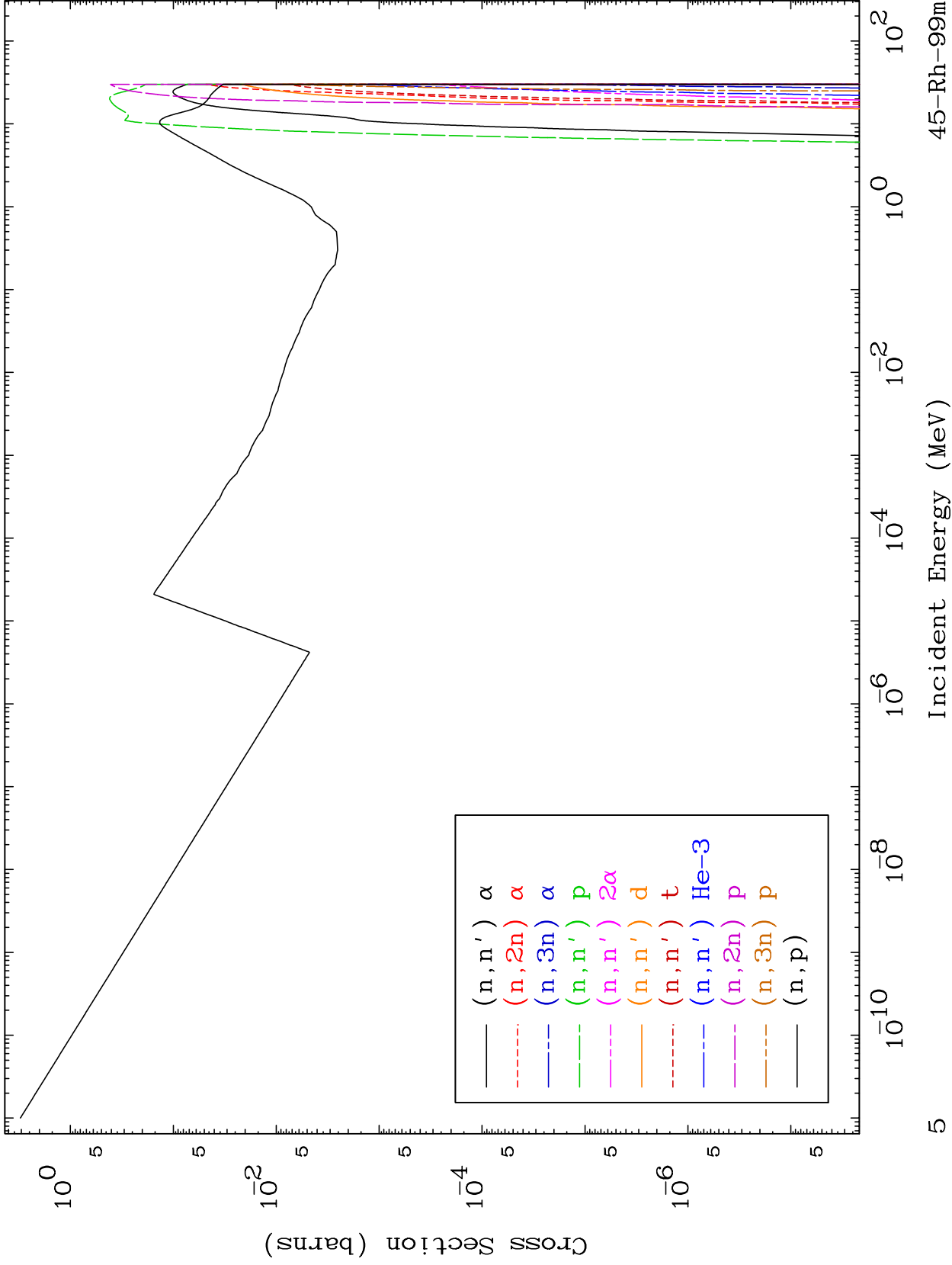
45-Rh-99m



MAT 4514

Charged Particle
293 Kelvin Cross Sections

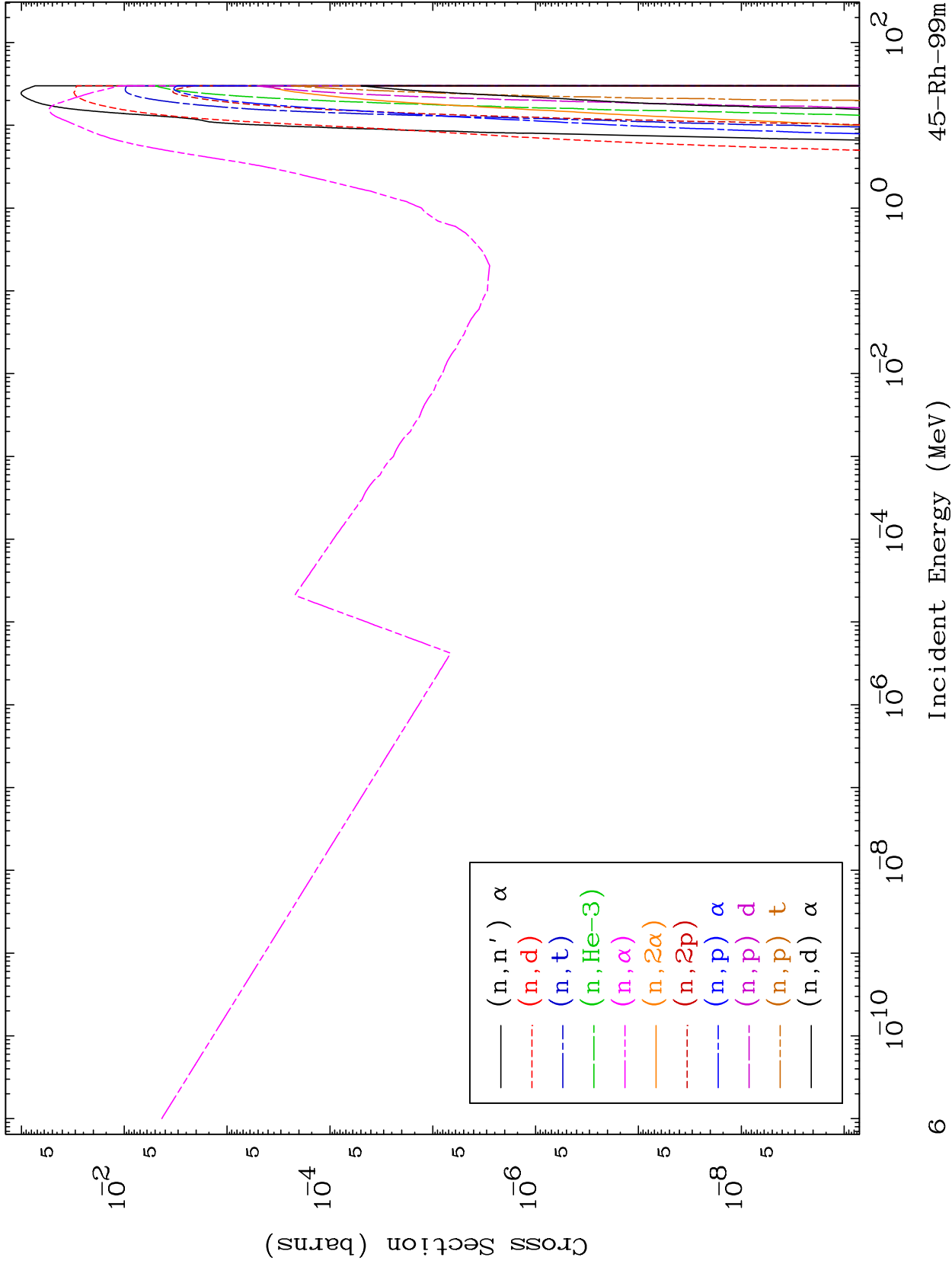
45-Rh-99m



MAT 4514

Charged Particle
293 Kelvin Cross Sections

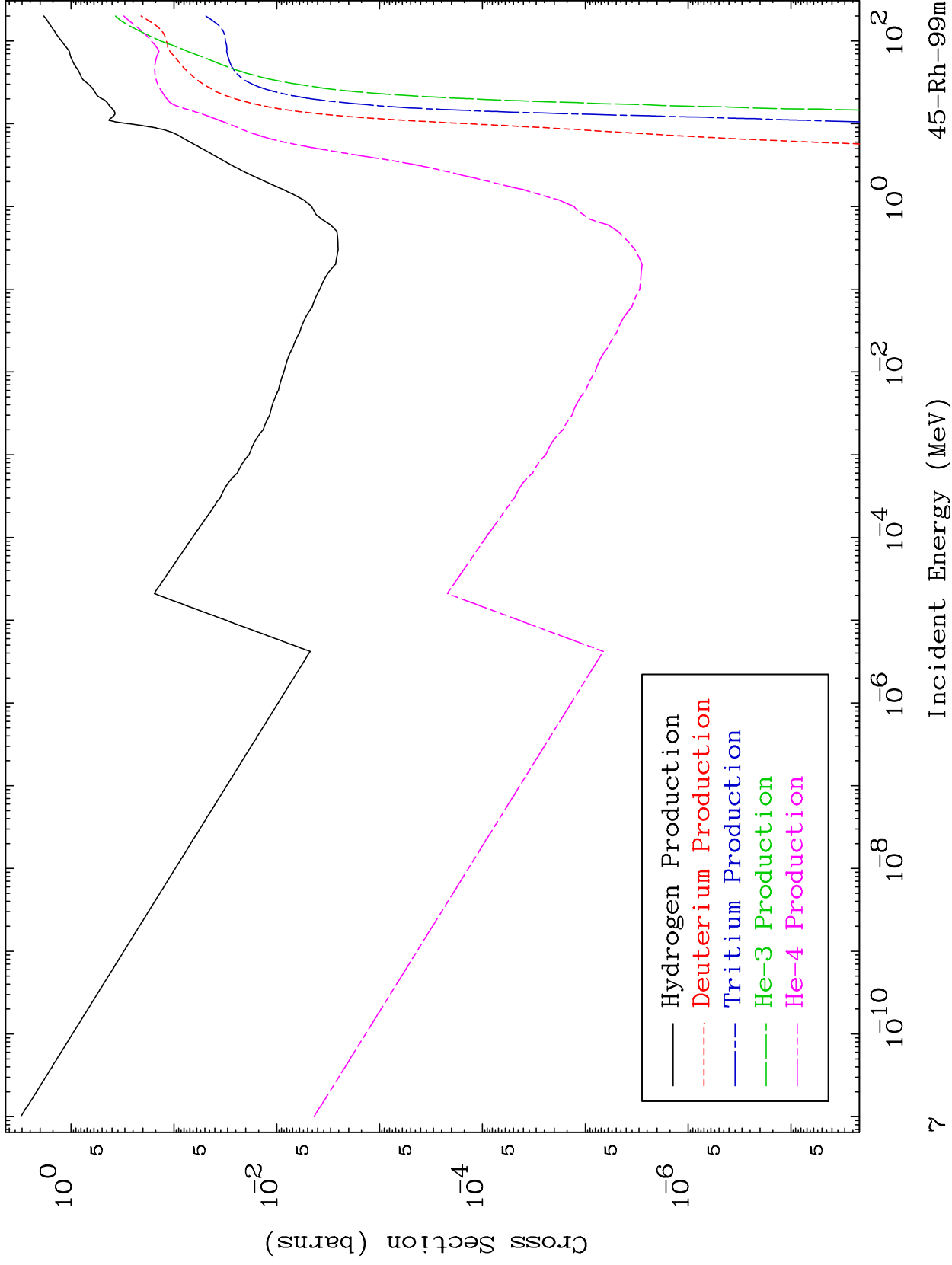
45-Rh-99m



MAT 4514

Particle Production
293 Kelvin Cross Sections

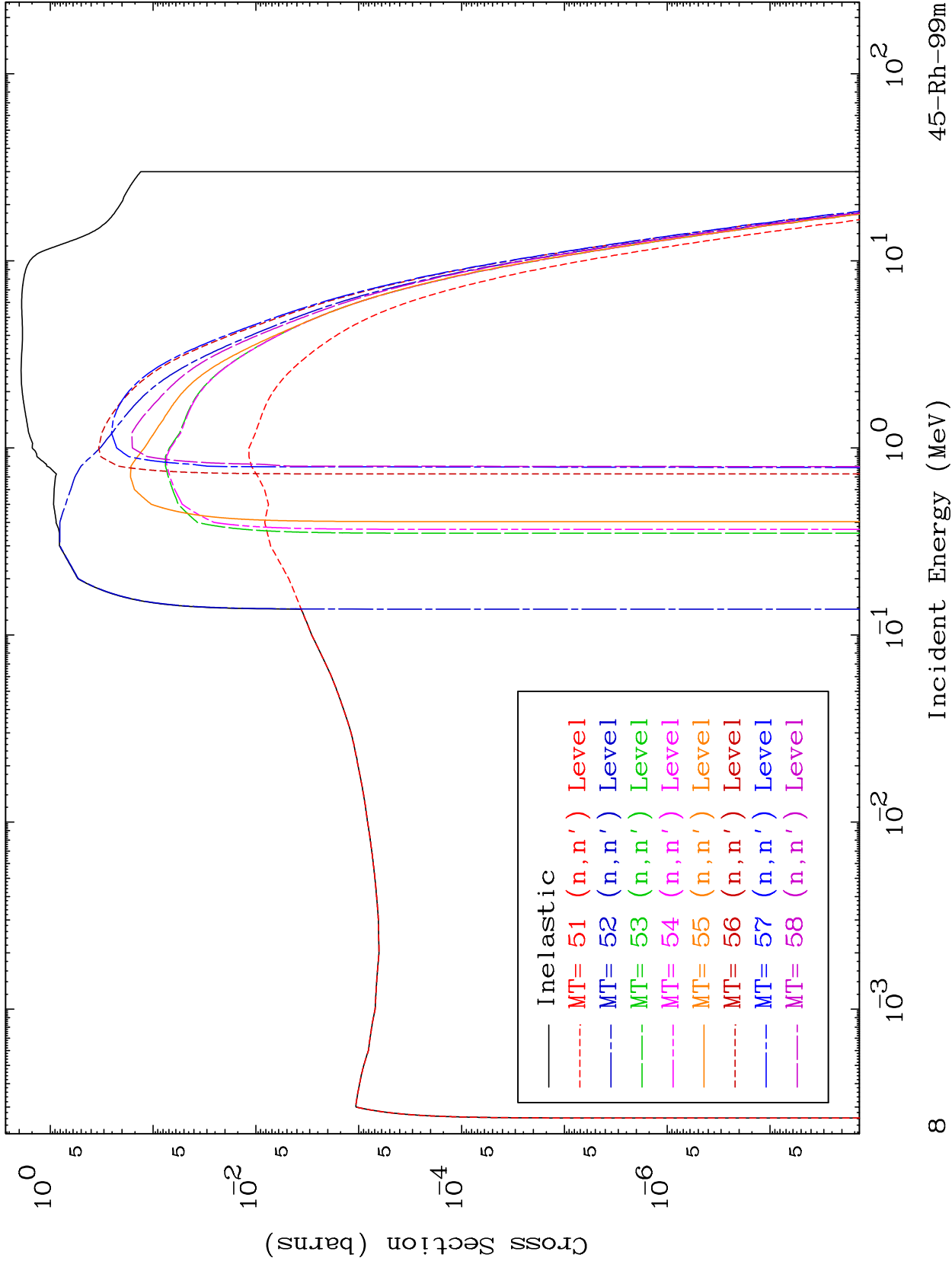
45-Rh-99m



MAT 4514

(n,n') Levels
293 Kelvin Cross Sections

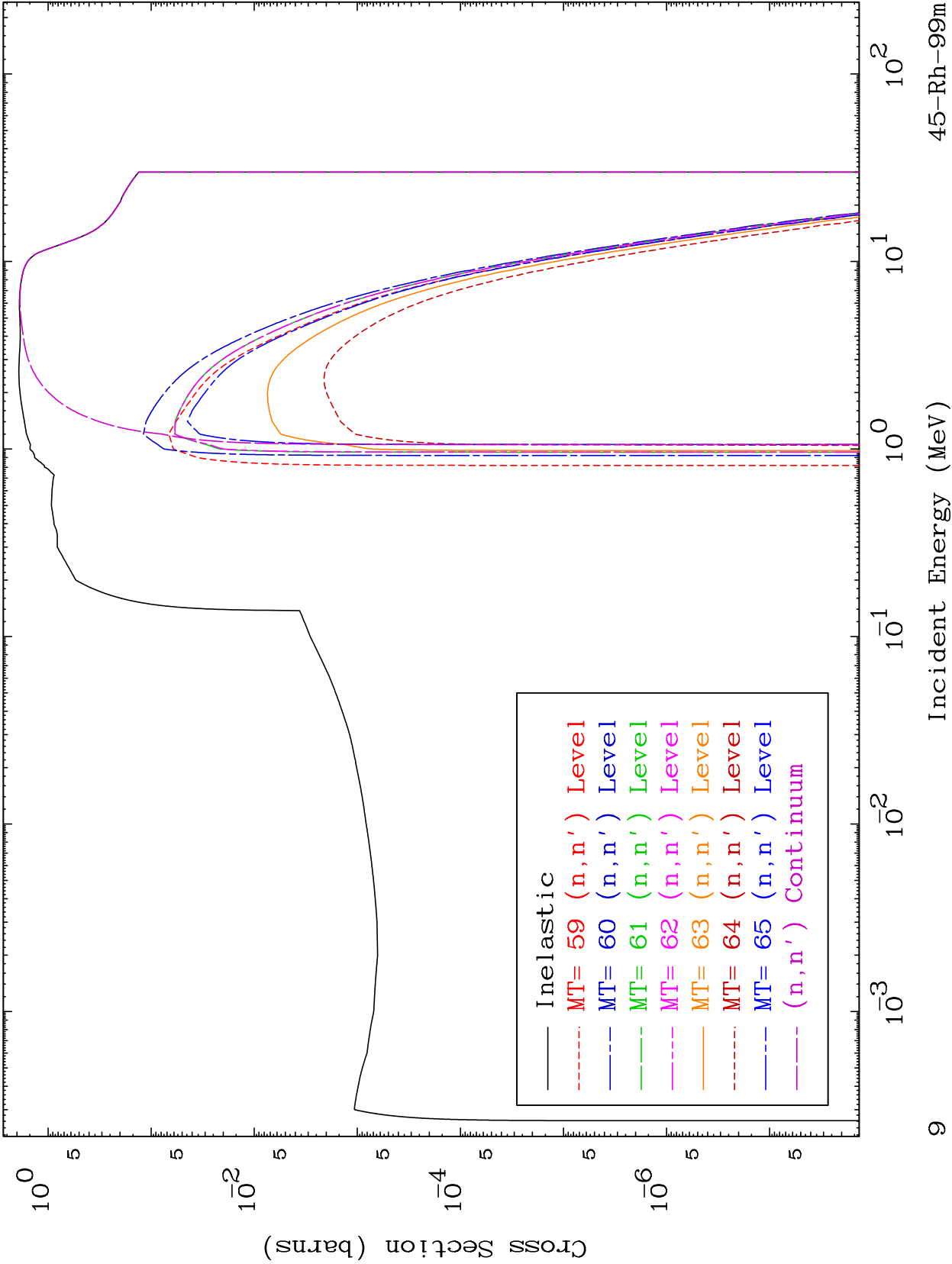
45-Rh-99m



MAT 4514

(n,n') Levels
293 Kelvin Cross Sections

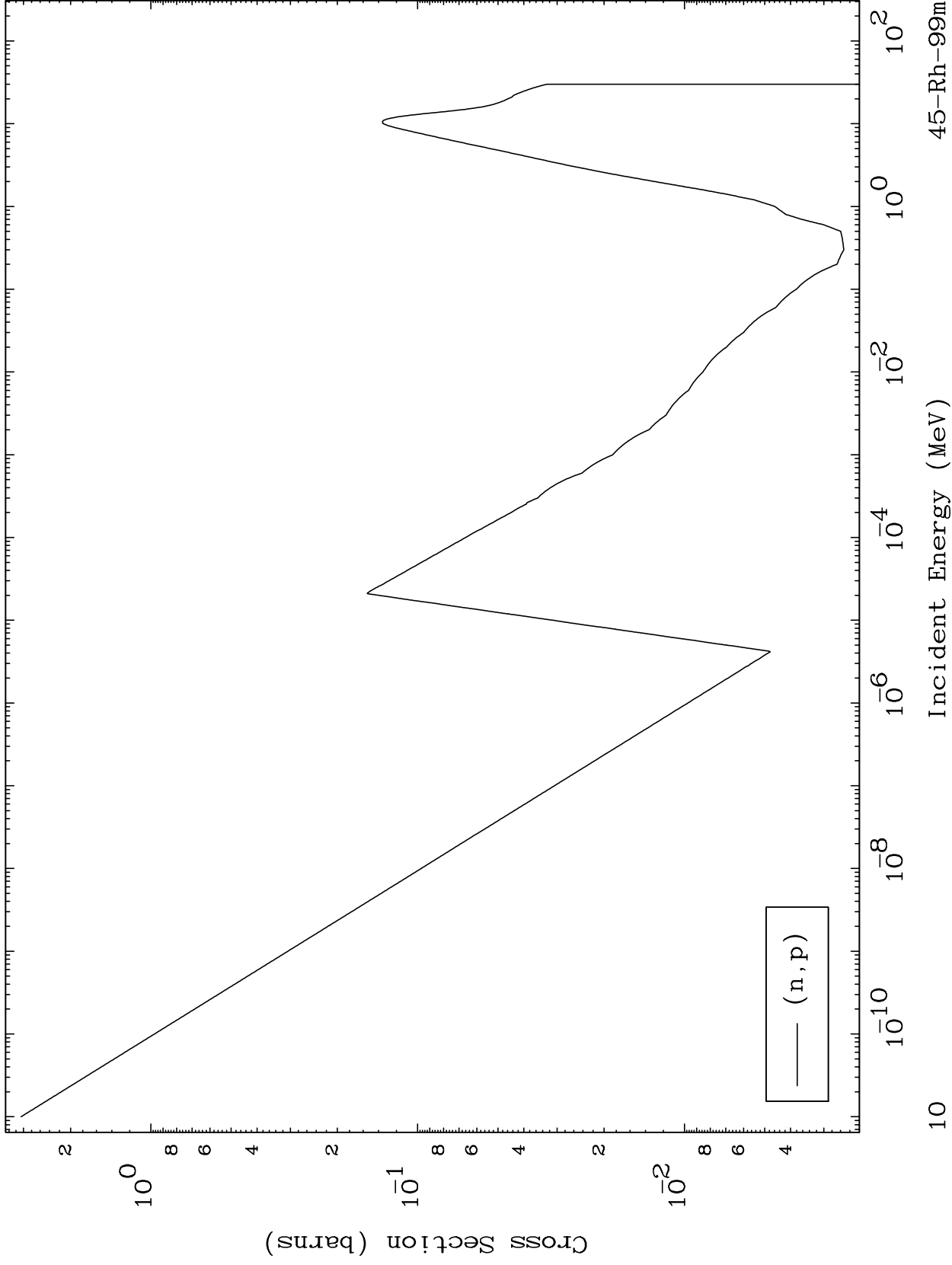
45-Rh-99m



MAT 4514

(n,p) Levels
293 Kelvin Cross Sections

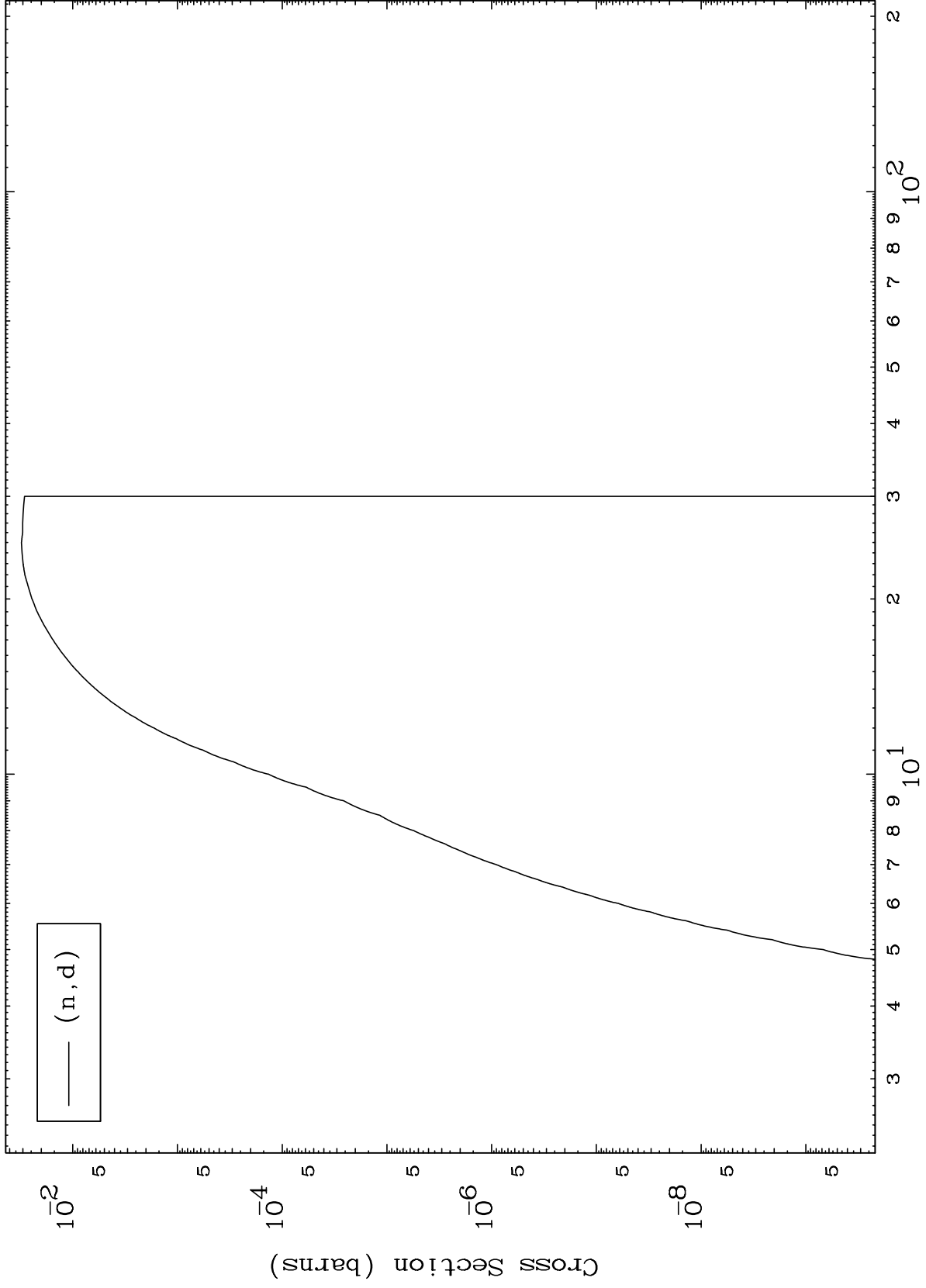
45-Rh-99m



MAT 4514

(n,d) Levels
293 Kelvin Cross Sections

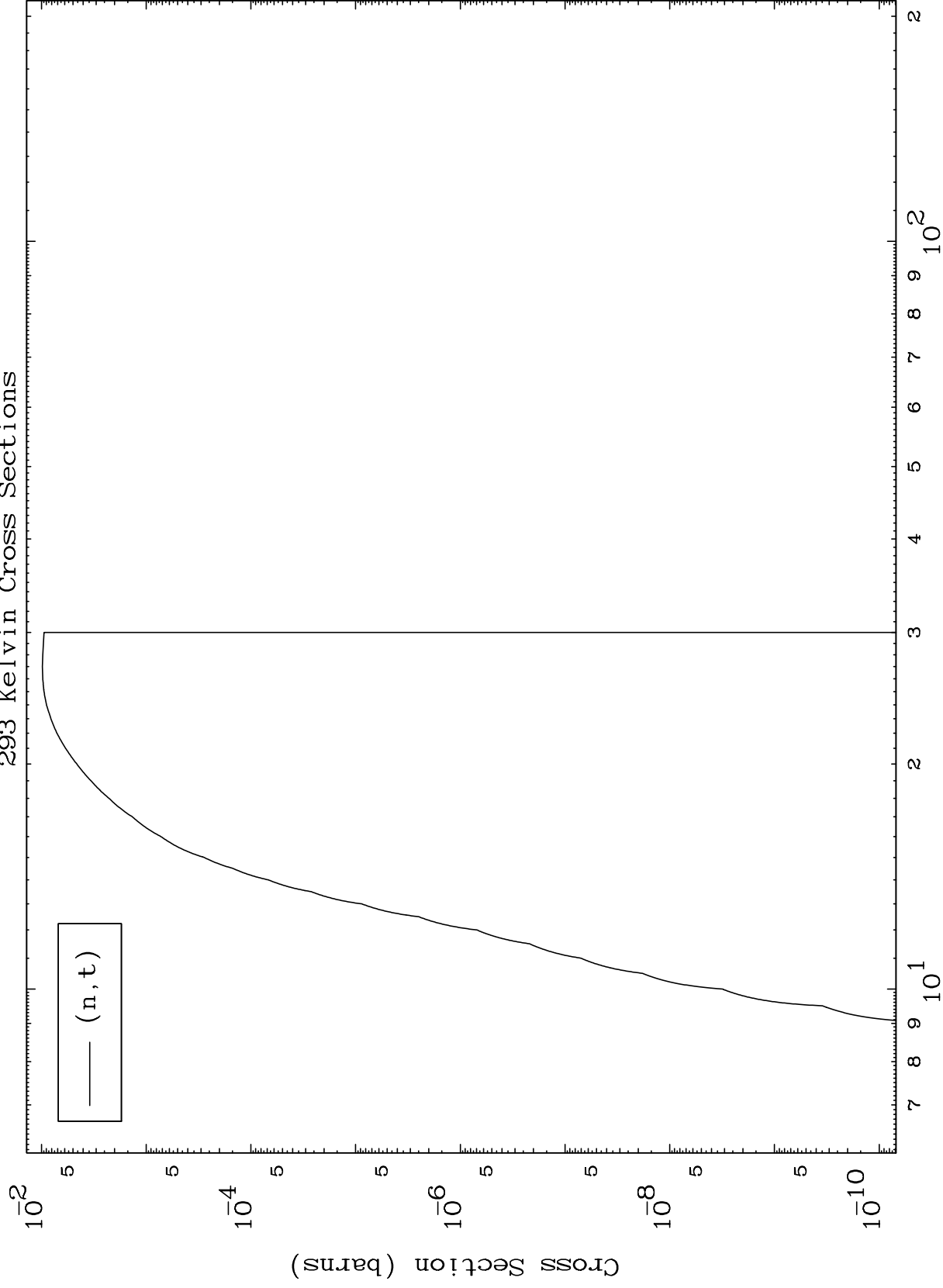
45-Rh-99m



MAT 4514

(n,t) Levels
293 Kelvin Cross Sections

45-Rh-99m



12

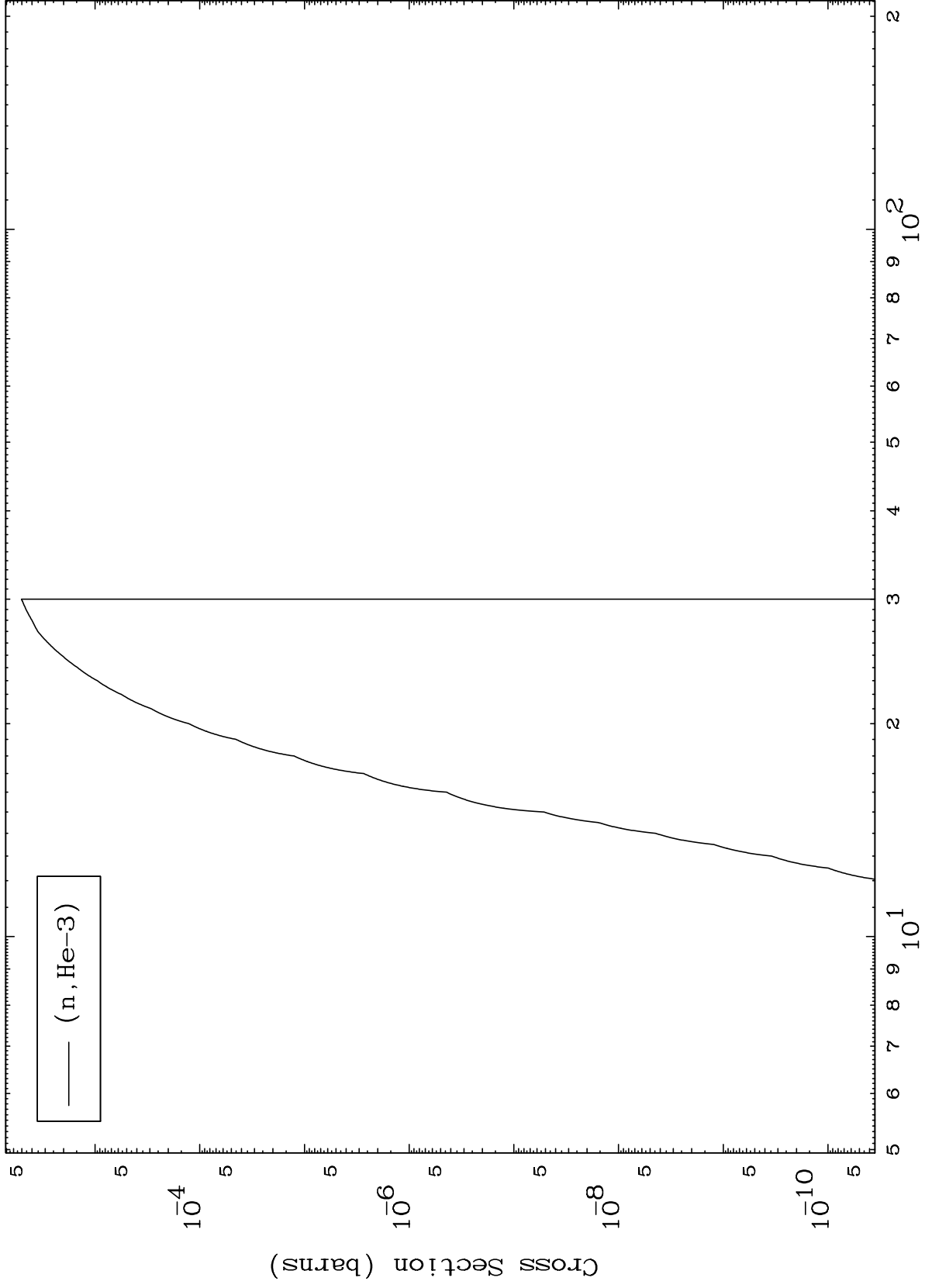
Incident Energy (MeV)

45-Rh-99m

MAT 4514

(n,He3) Levels
293 Kelvin Cross Sections

45-Rh-99m



13

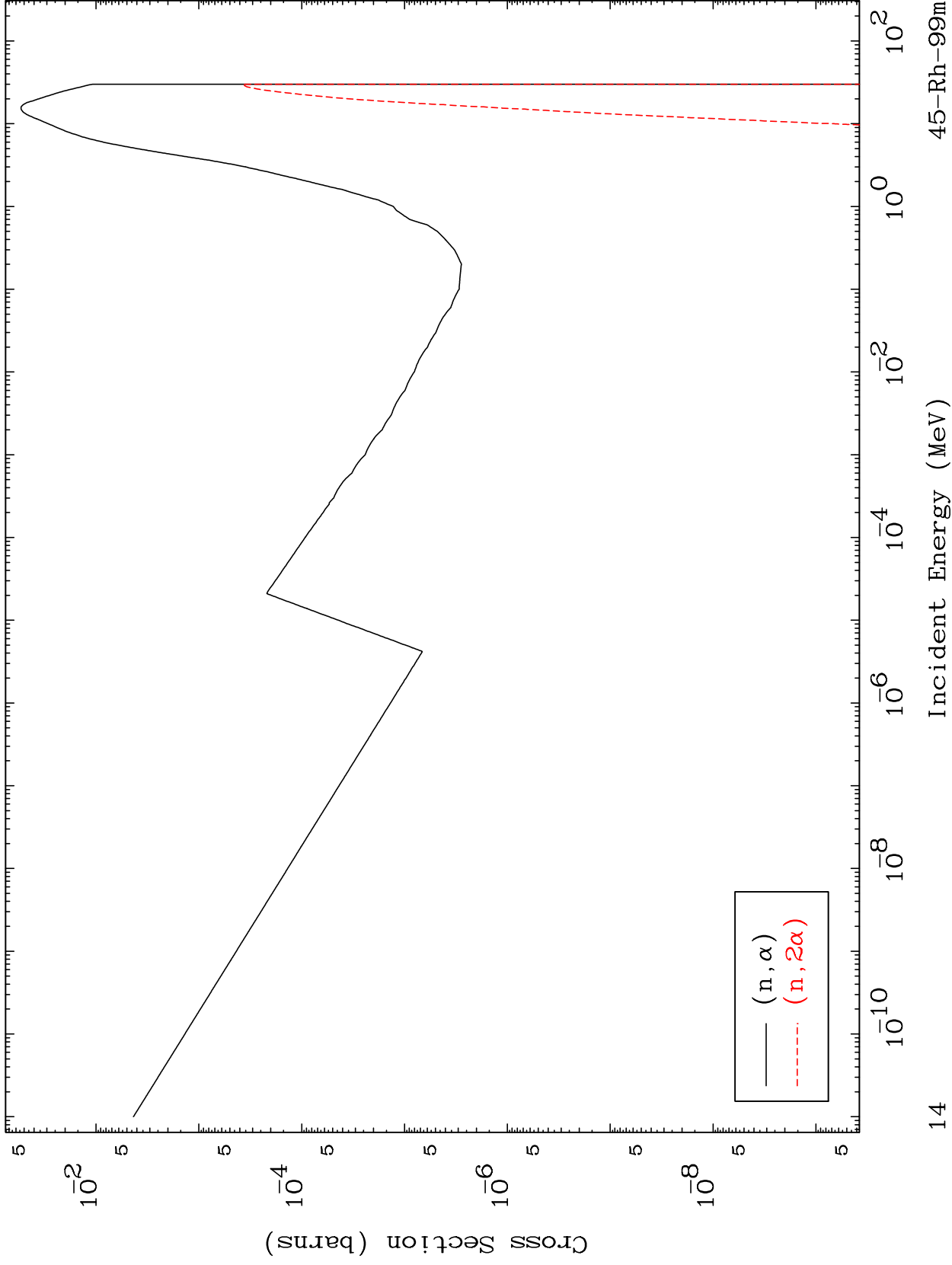
Incident Energy (MeV)

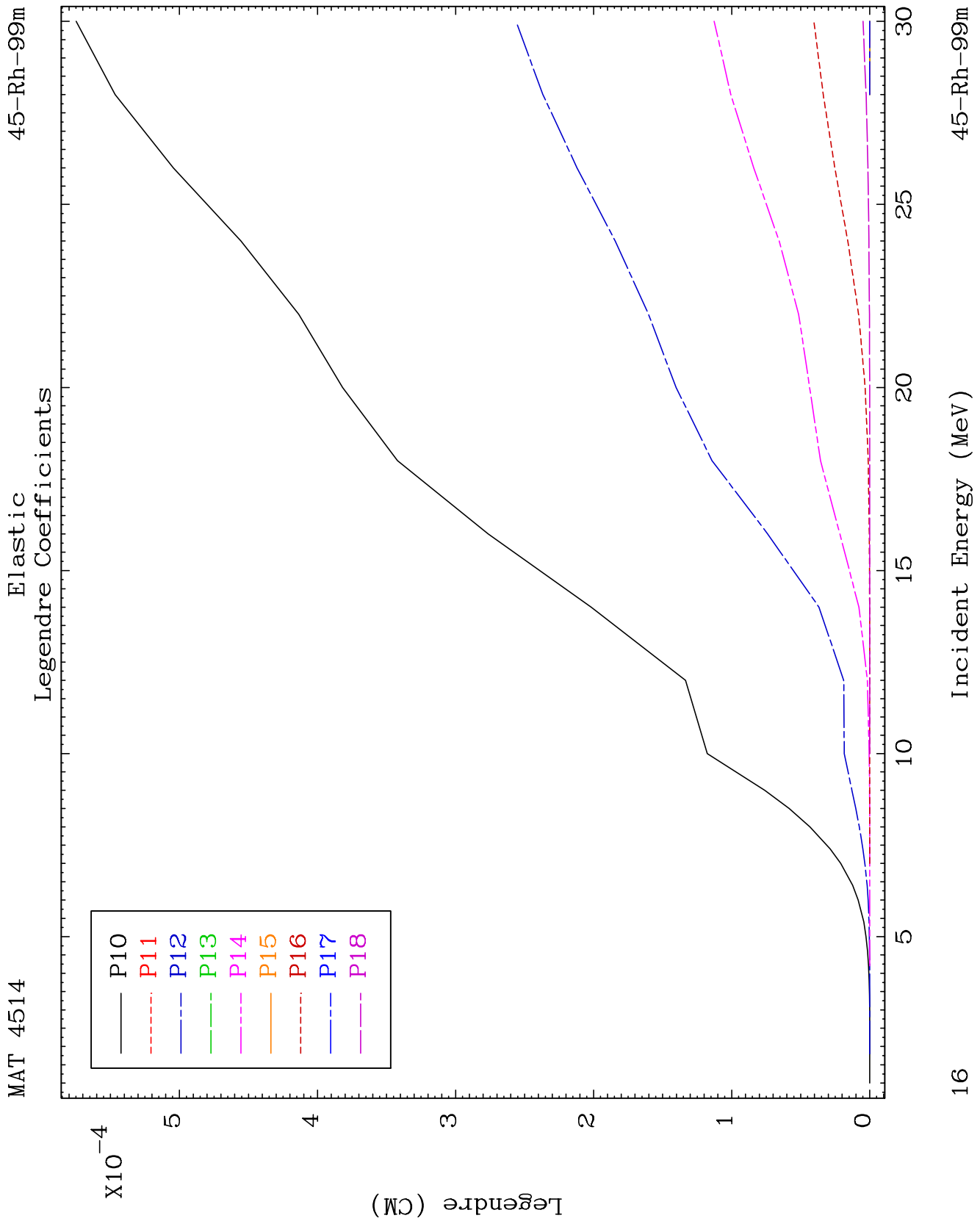
45-Rh-99m

MAT 4514

(n, α) Levels
293 Kelvin Cross Sections

45-Rh-99m

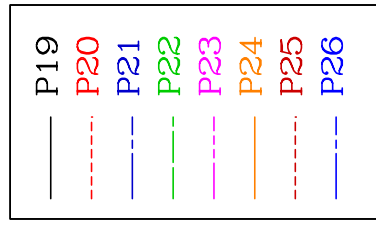




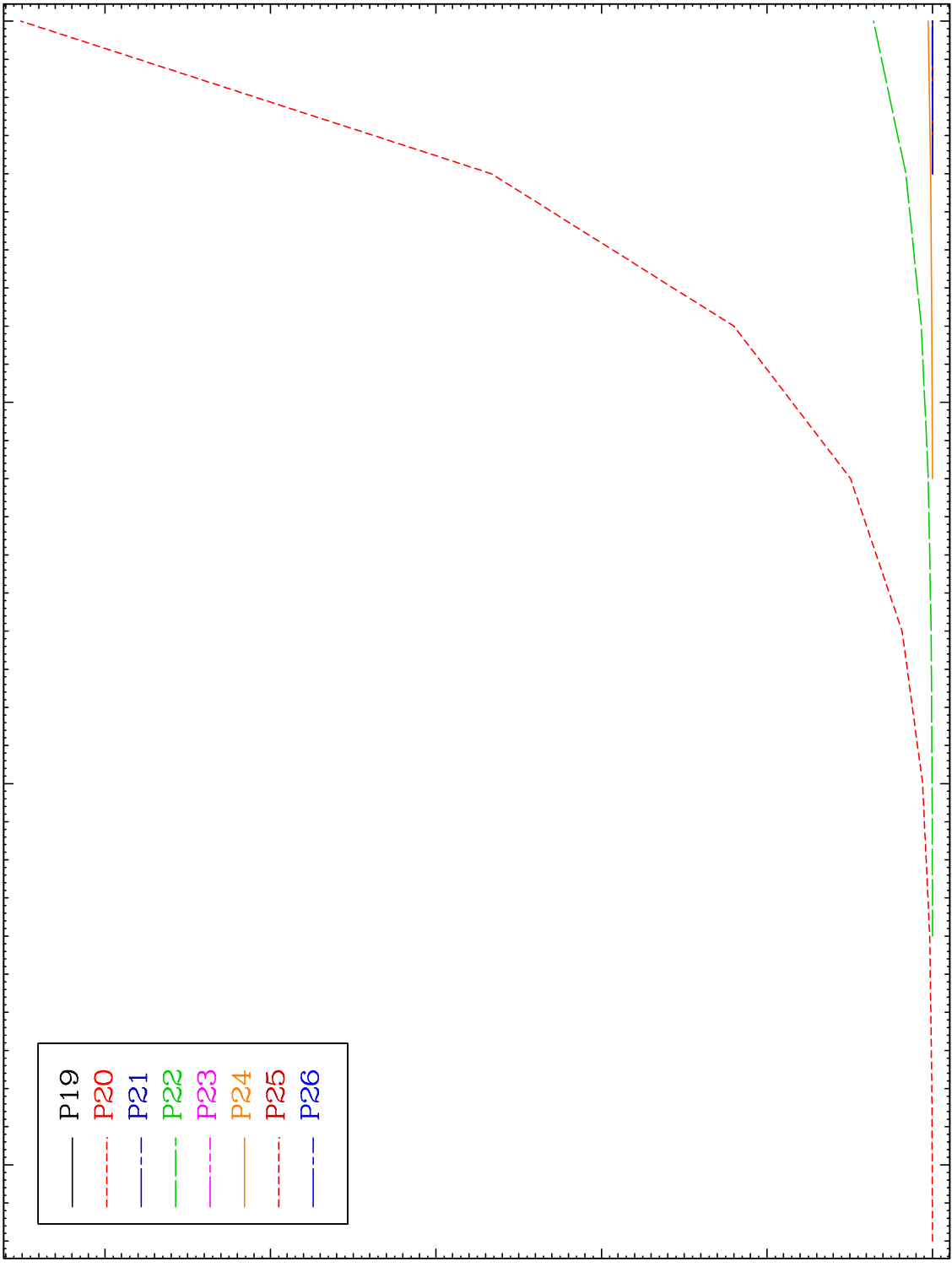
MAT 4514

Elastic Legendre Coefficients

45-Rh-99m



$\times 10^{-7}$
Legendre (CM)
2.5
2.0
1.5
1.0
0.5
0.0

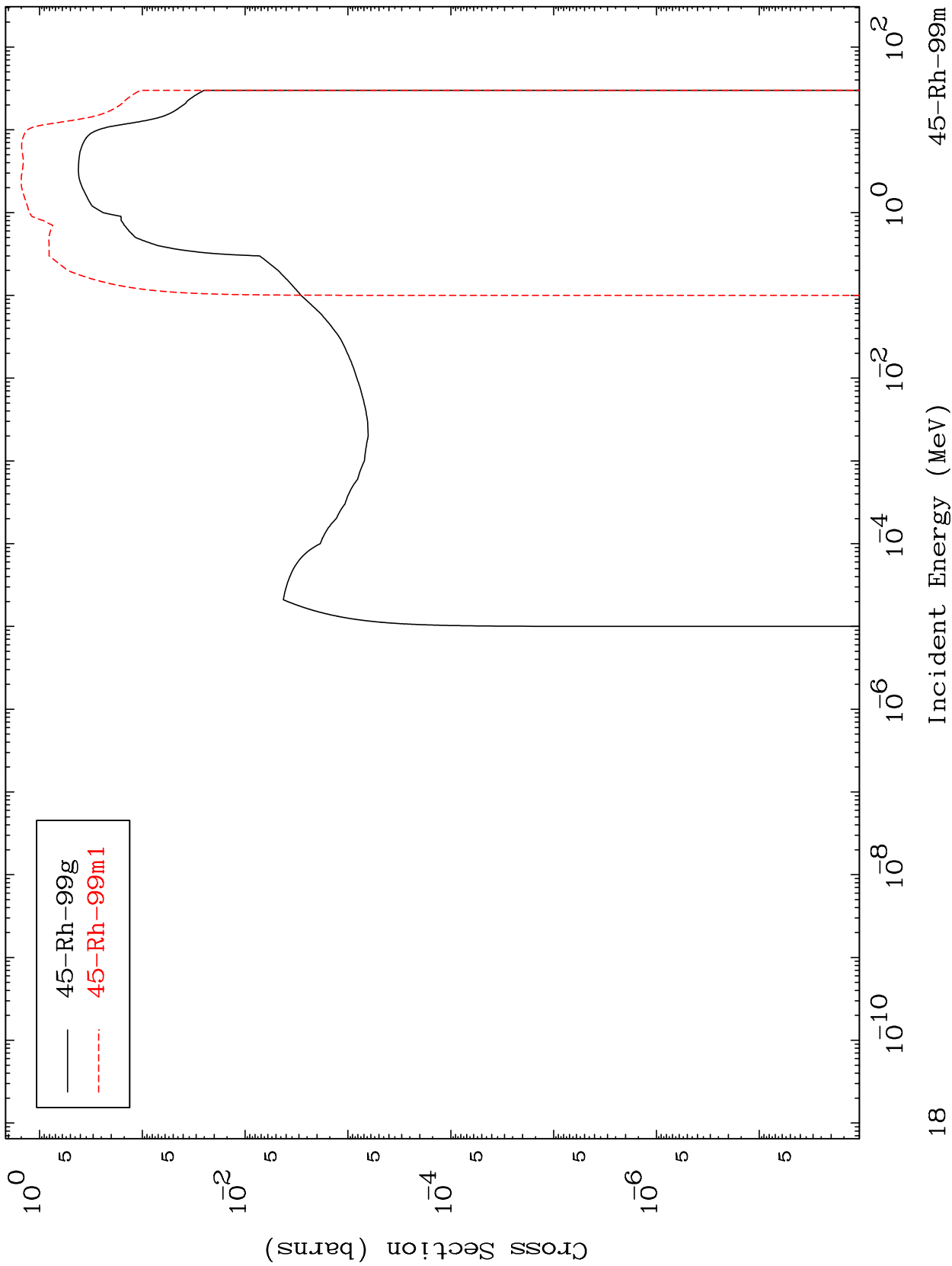


15 17 20 25 30
Incident Energy (MeV)
45-Rh-99m

MAT 4514

45-Rh-99m

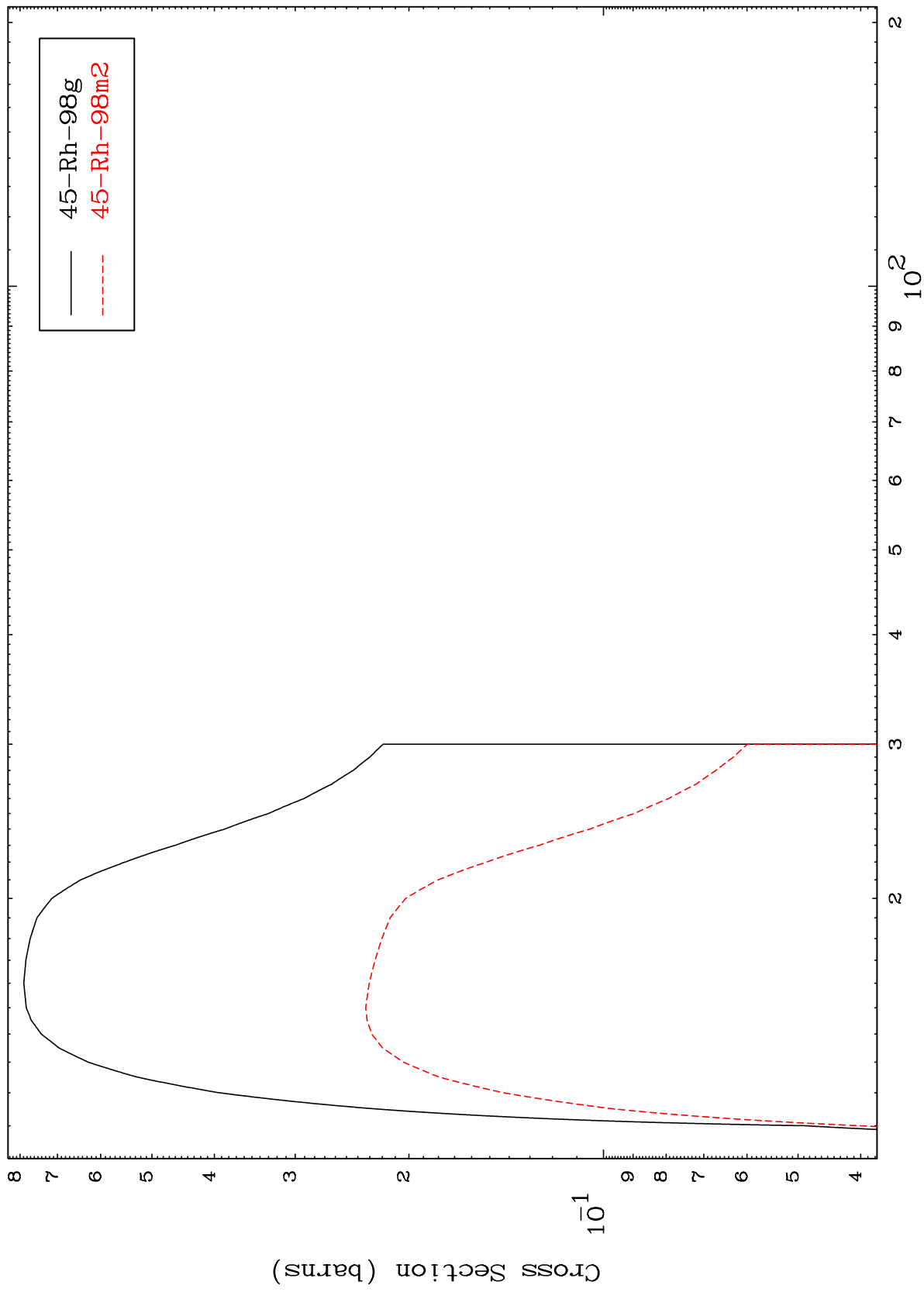
Inelastic
Radionuclide Production Cross Section



MAT 4514

45-Rh-99m

(n,2n)
Radionuclide Production Cross Section



19

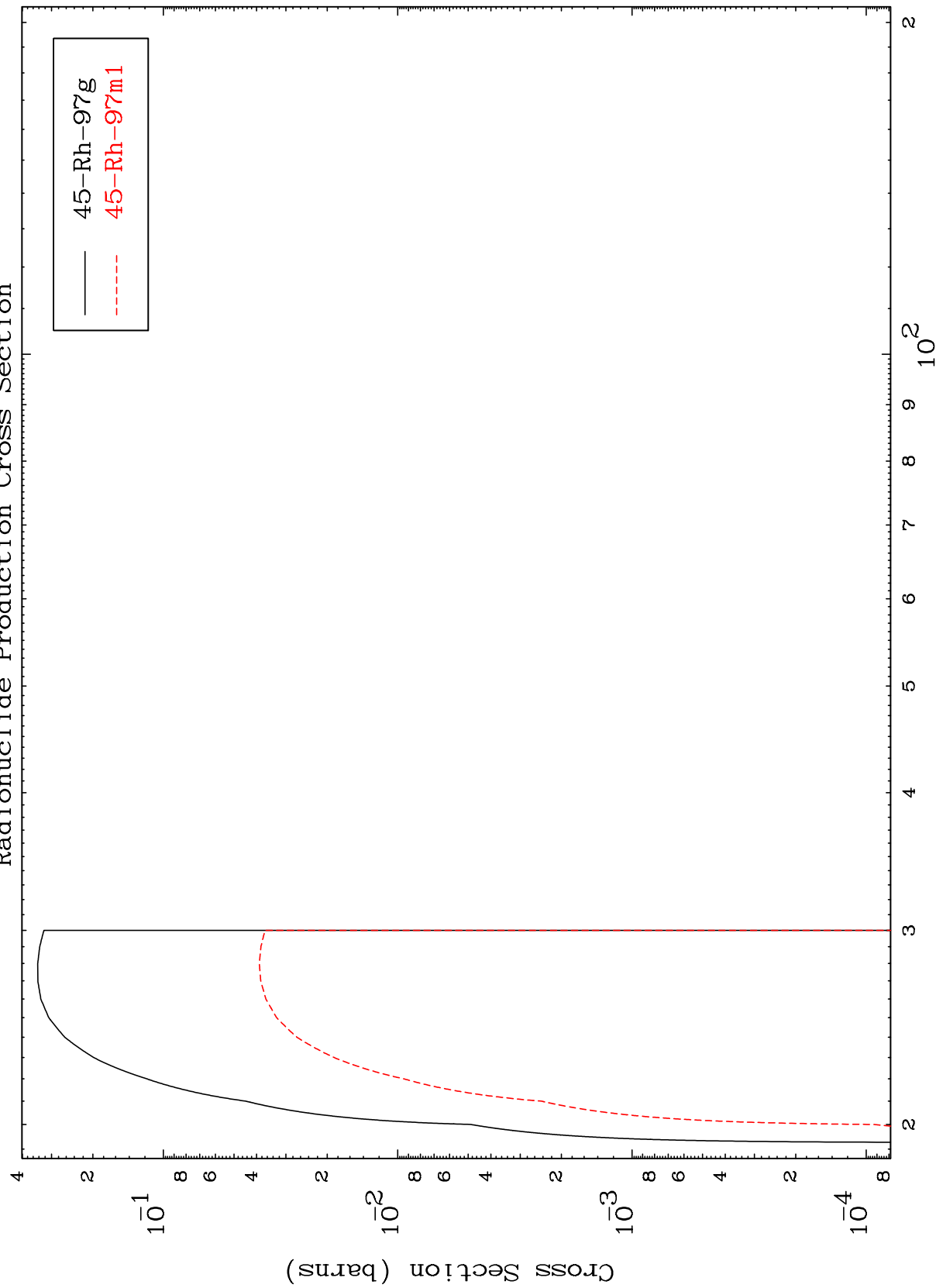
Incident Energy (MeV)

45-Rh-99m

MAT 4514

45-Rh-99m

(n,3n)
Radionuclide Production Cross Section



45-Rh-99m

Incident Energy (MeV)

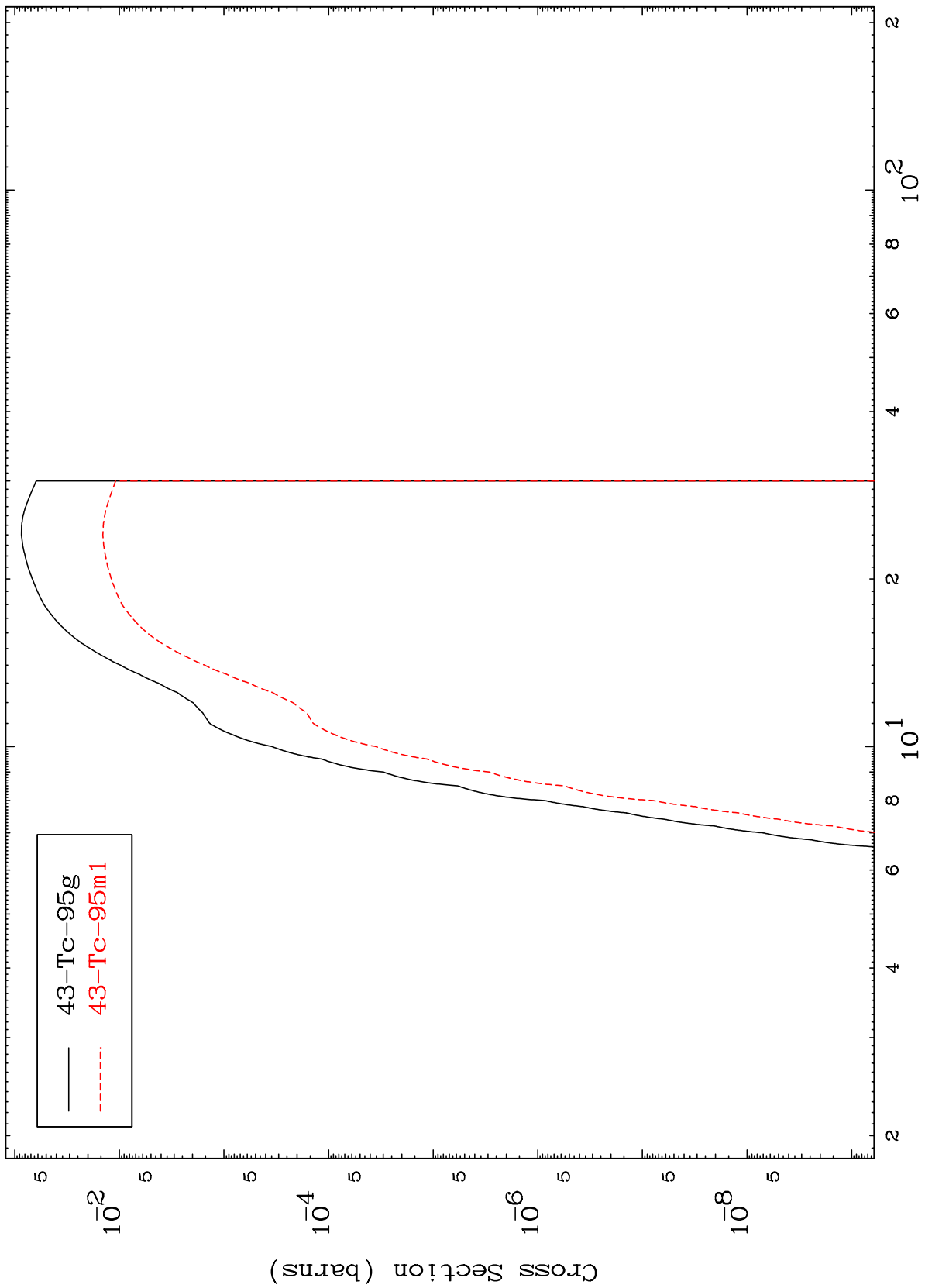
20

MAT 4514

(n,n') α

45-Rh-99m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

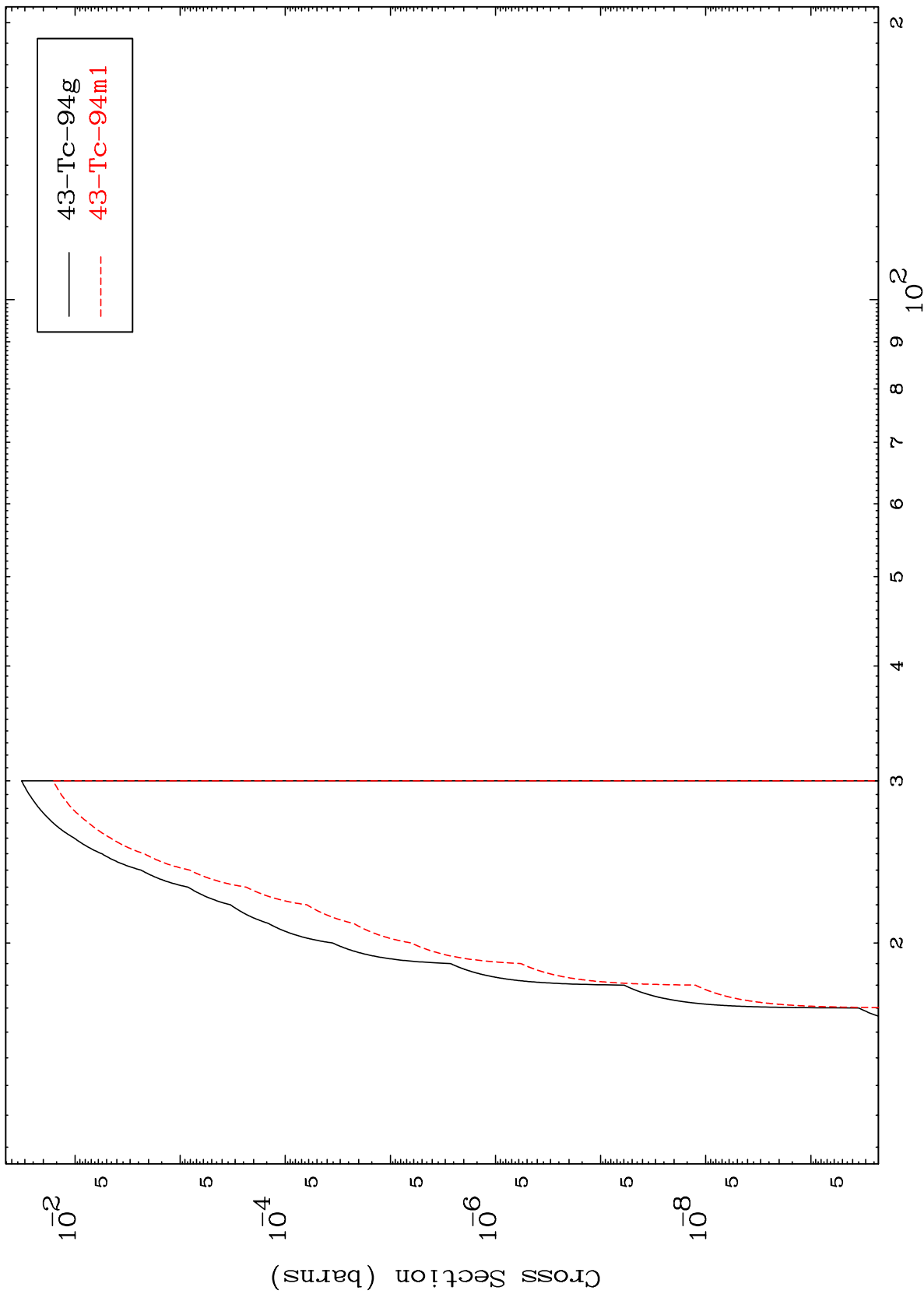
45-Rh-99m

MAT 4514

(n,2n) α

45-Rh-99m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

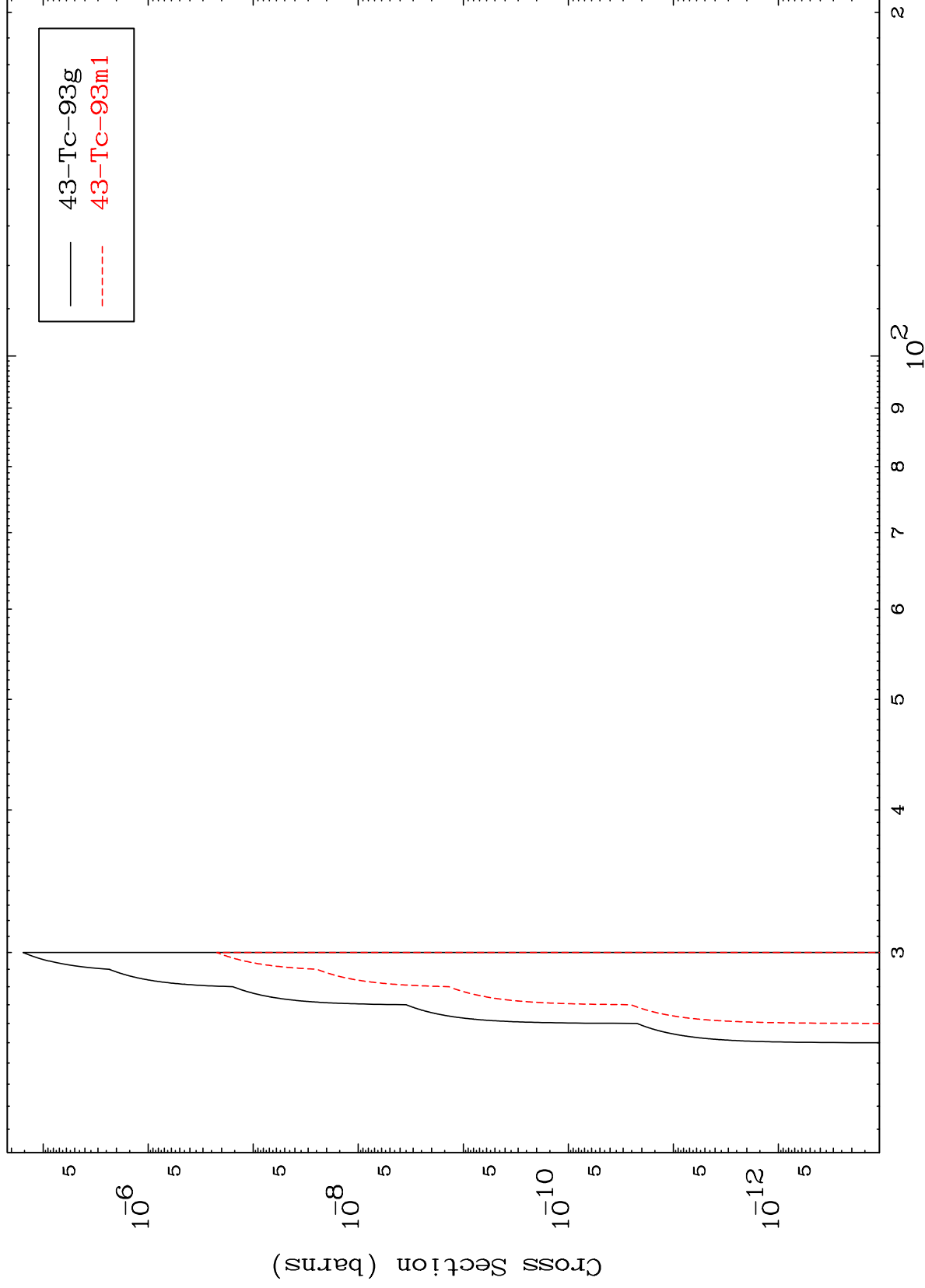
45-Rh-99m

MAT 4514

(n,3n) α

45-Rh-99m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

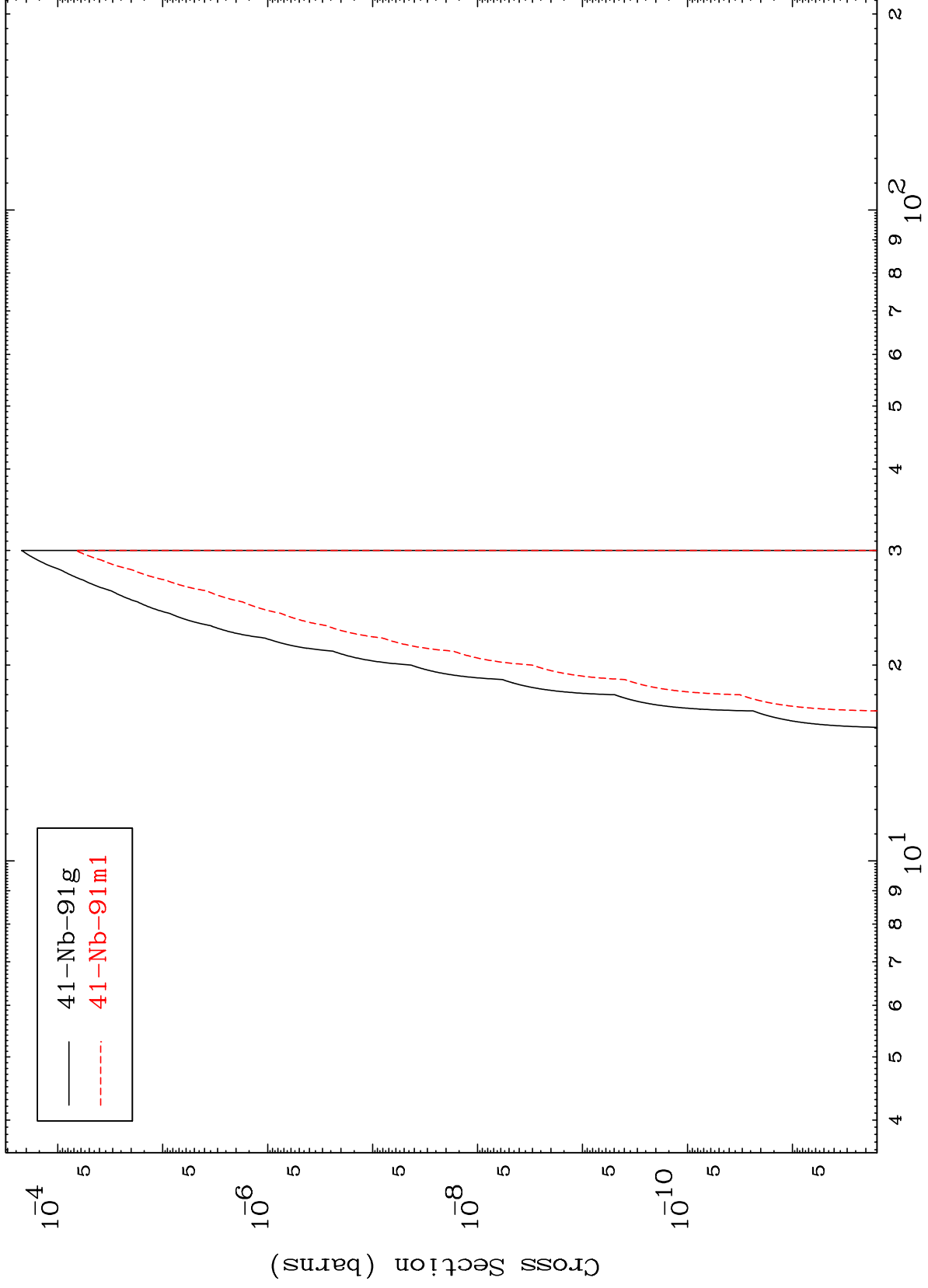
45-Rh-99m

MAT 4514

(n,n') 2α

45-Rh-99m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

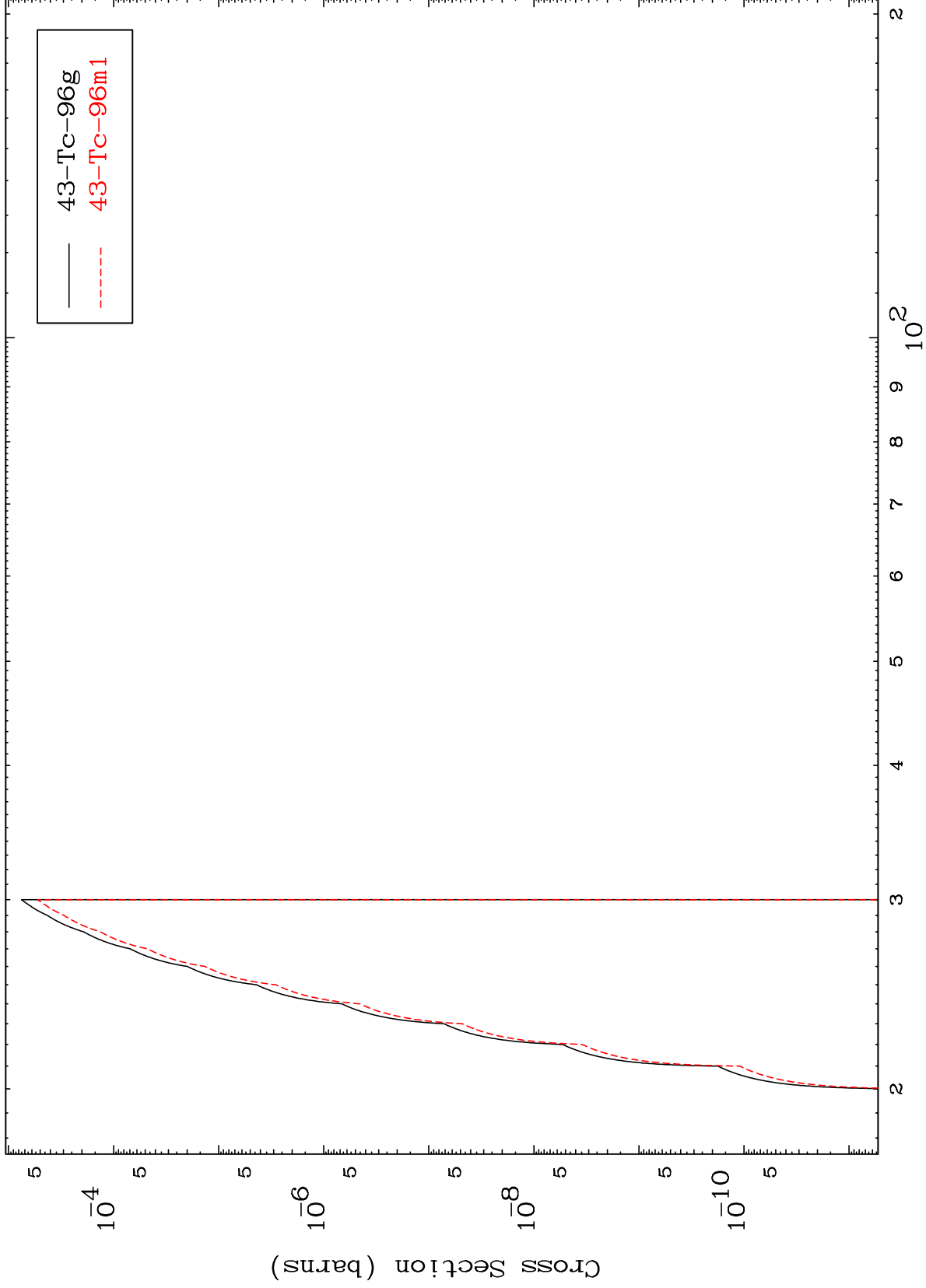
45-Rh-99m

MAT 4514

(n,n') He-3

45-Rh-99m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

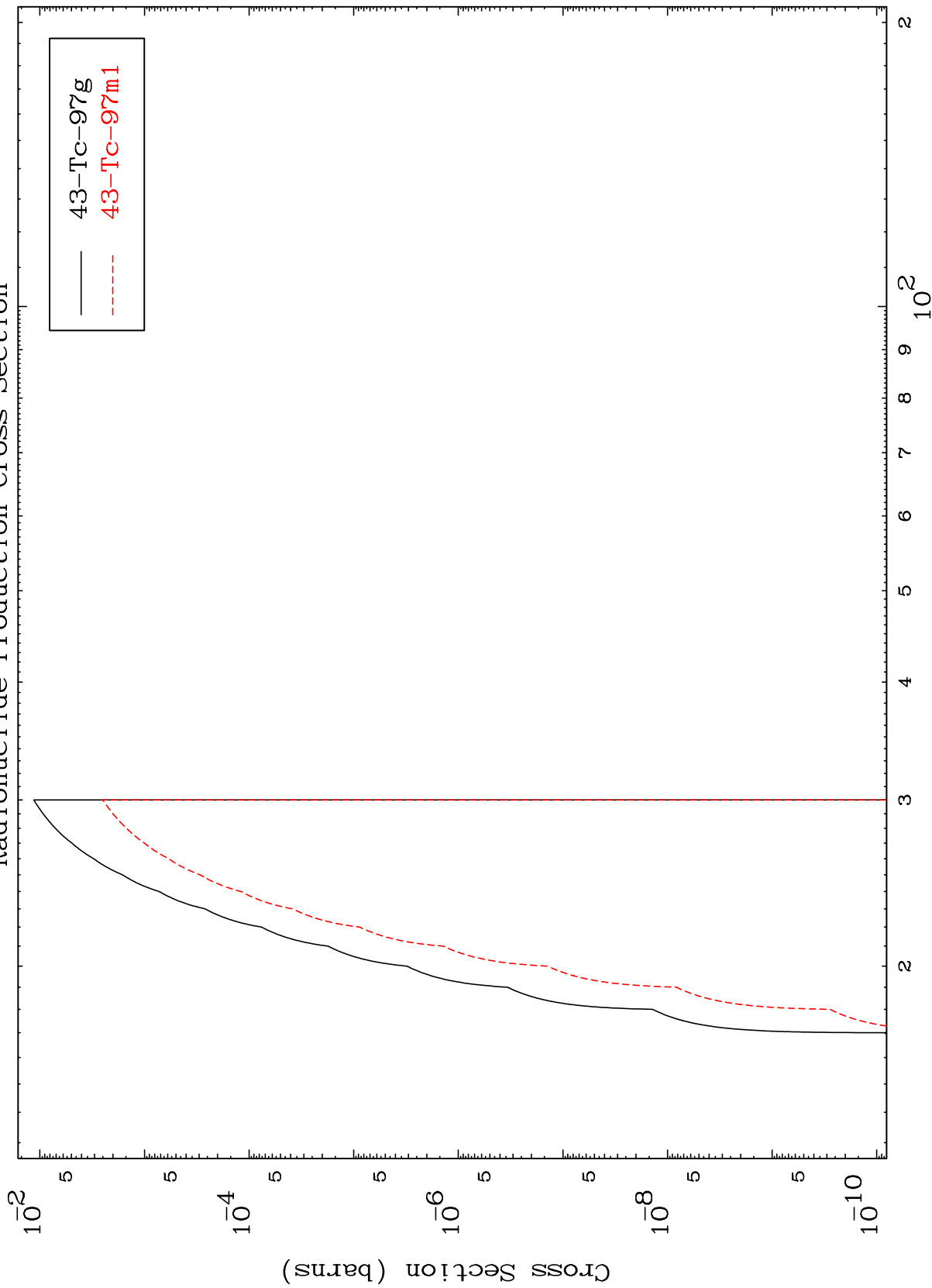
45-Rh-99m

MAT 4514

(n,2n) p

45-Rh-99m

Radionuclide Production Cross Section



26

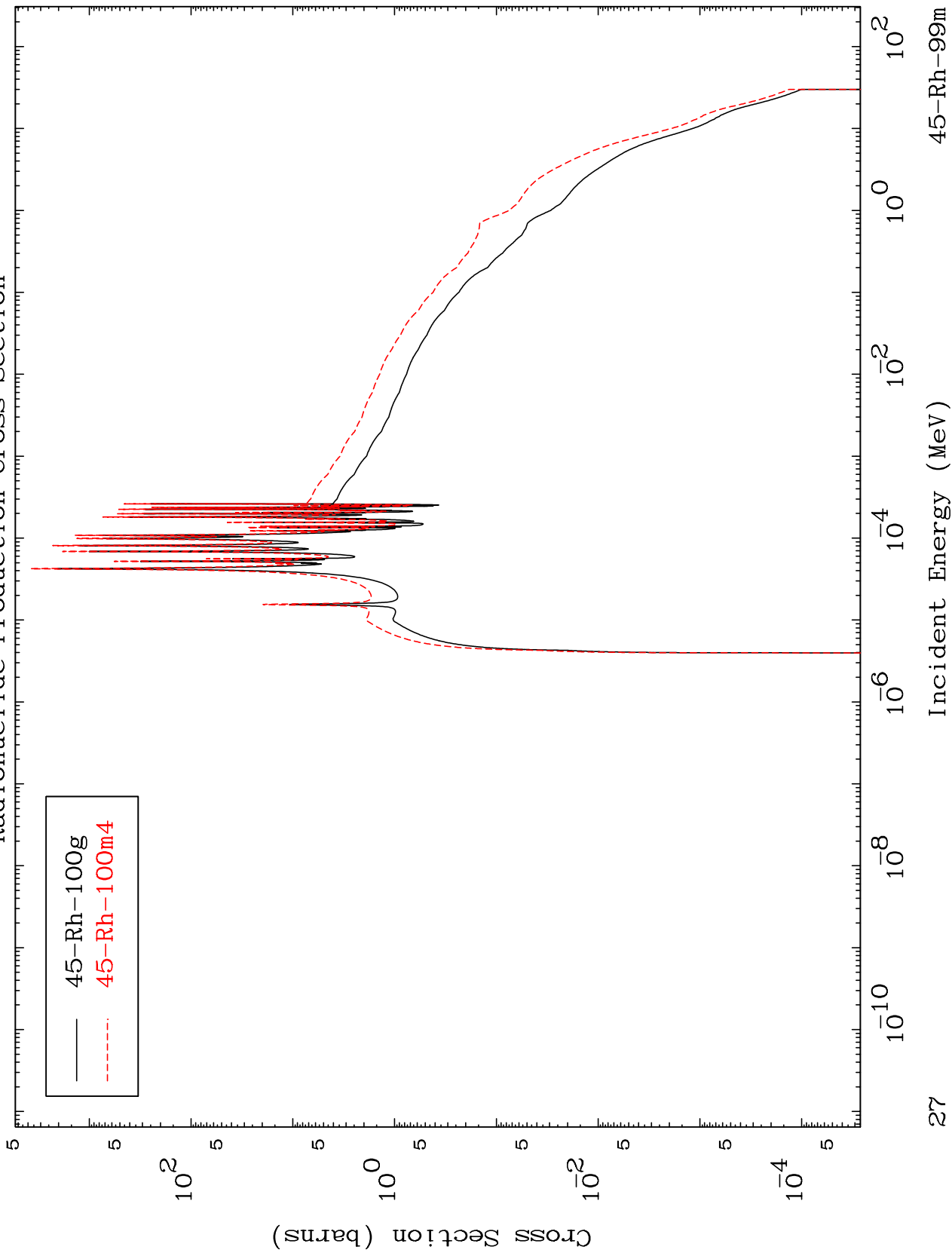
Incident Energy (MeV)

45-Rh-99m

MAT 4514

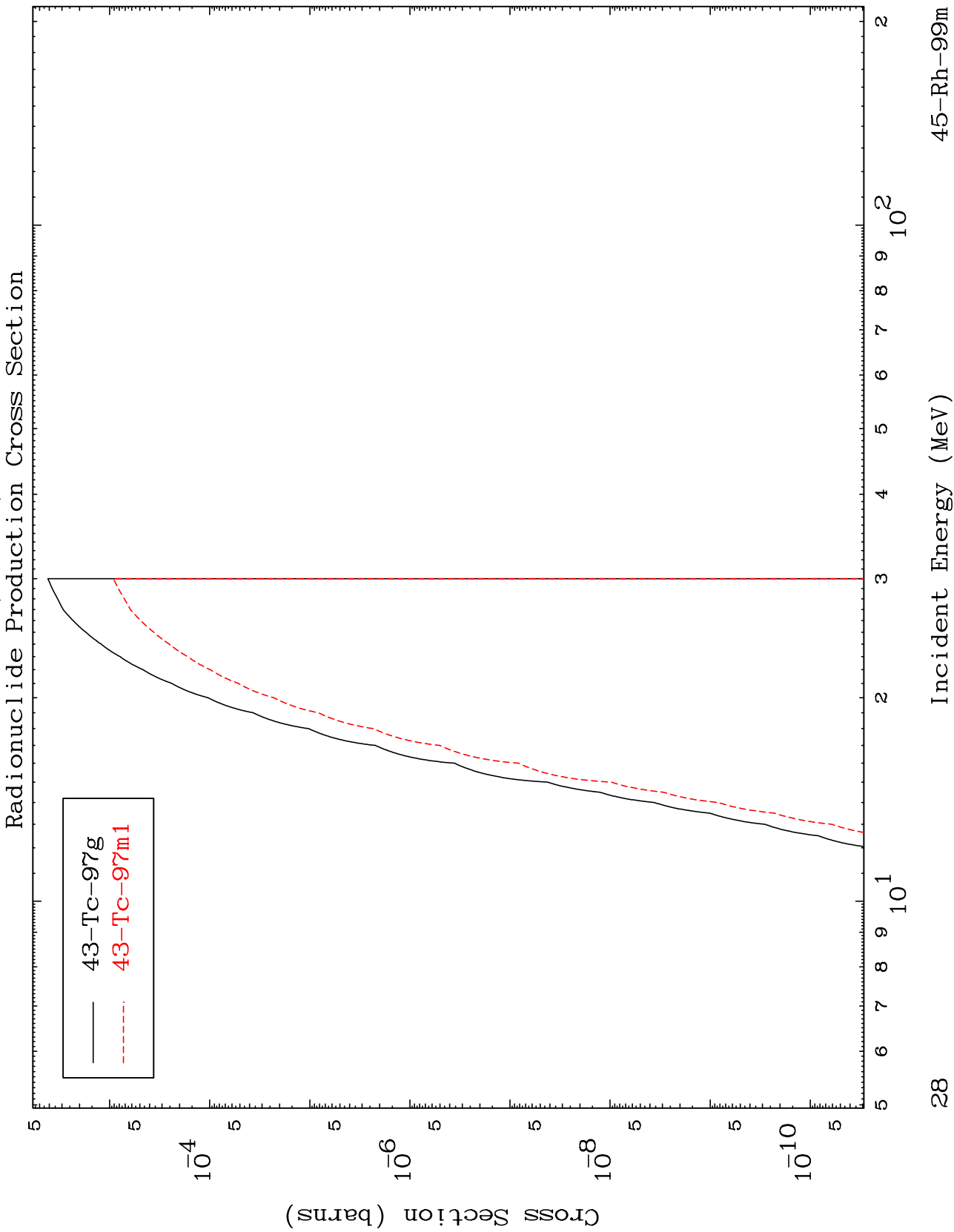
45-Rh-99m

Radionuclide Production Cross Section



MAT 4514

45-Rh-99m



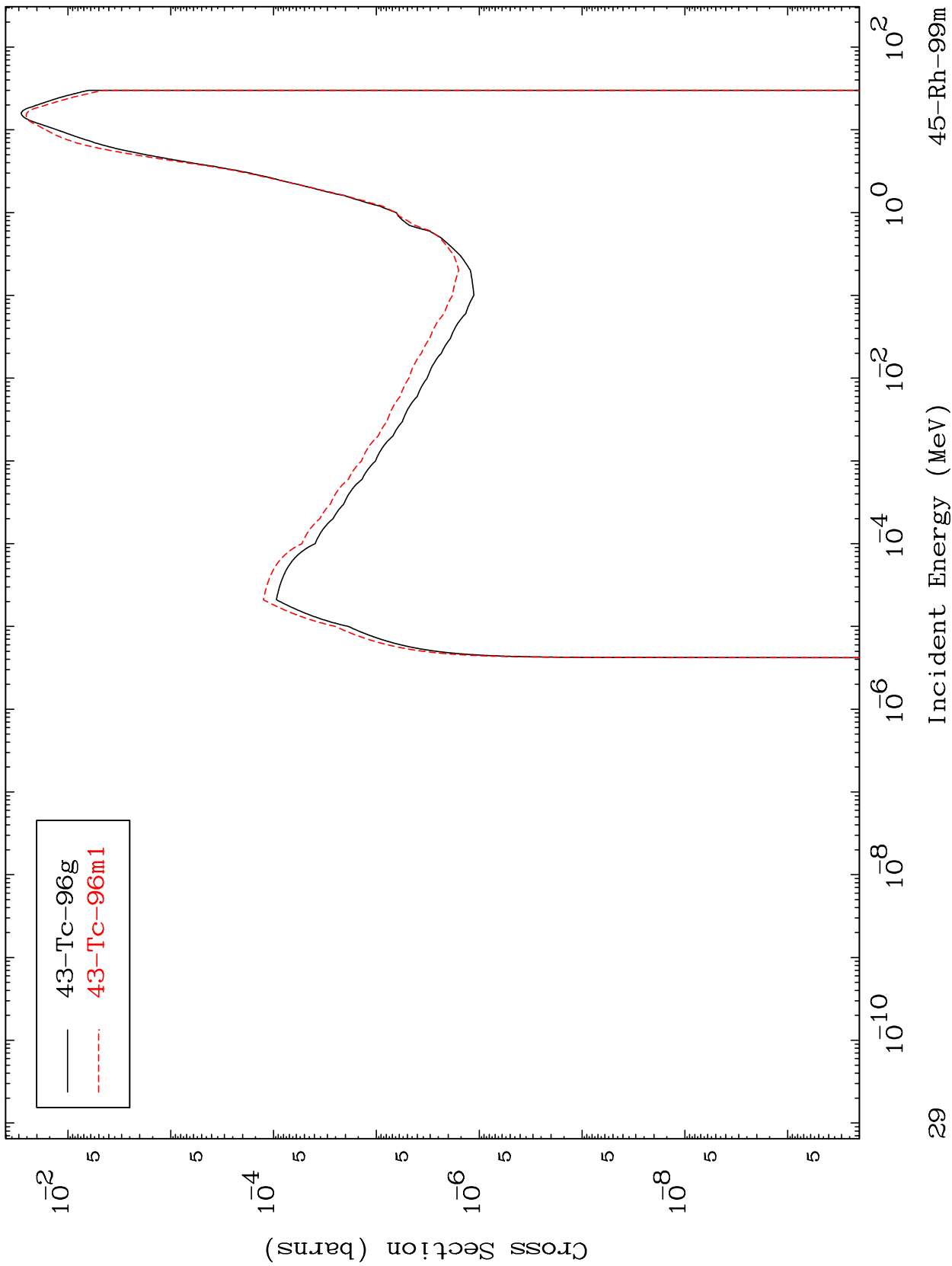
28

45-Rh-99m

MAT 4514

45-Rh-99m

(n, α)
Radionuclide Production Cross Section

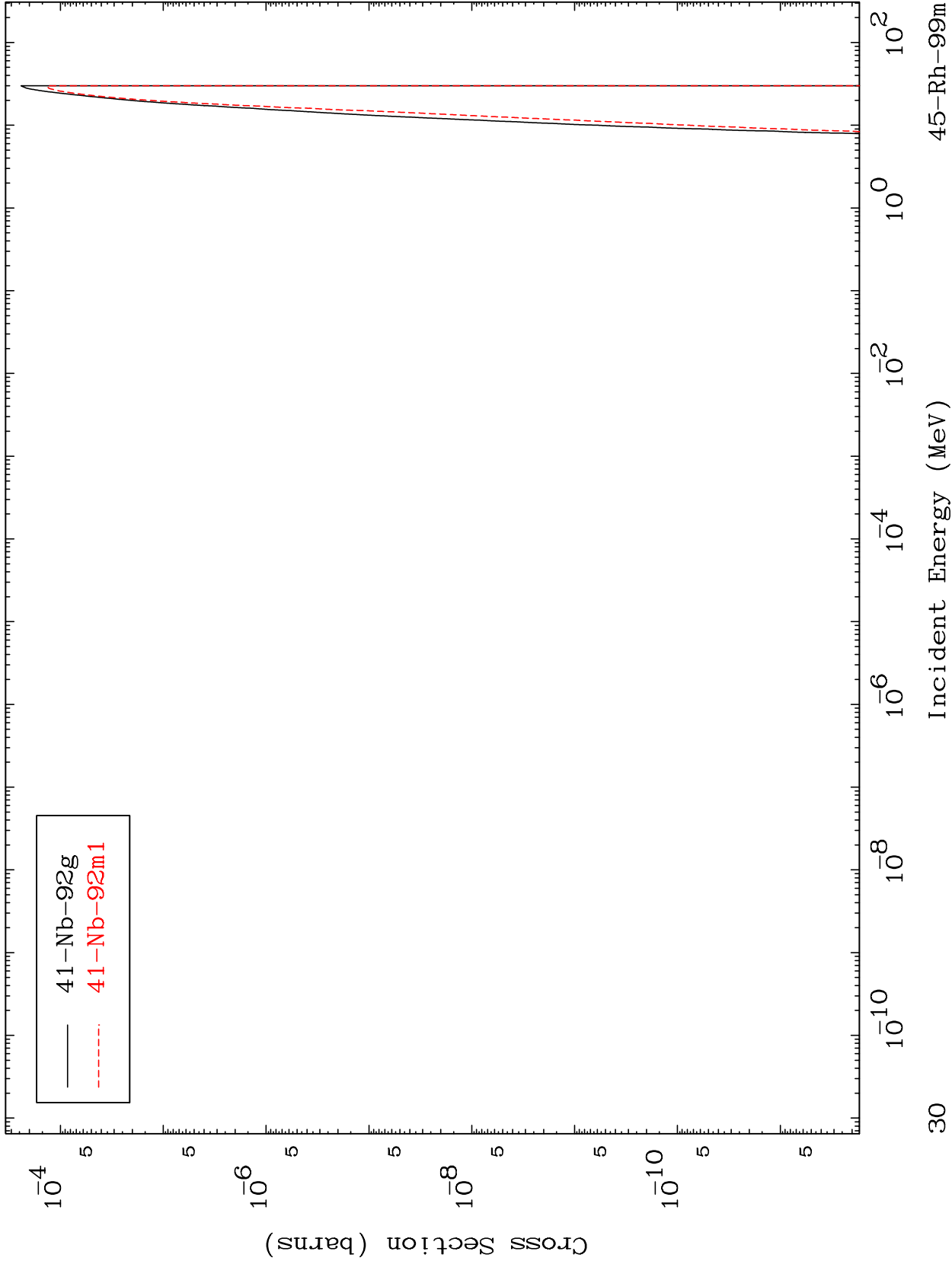


MAT 4514

(n,2α)

45-Rh-99m

Radionuclide Production Cross Section



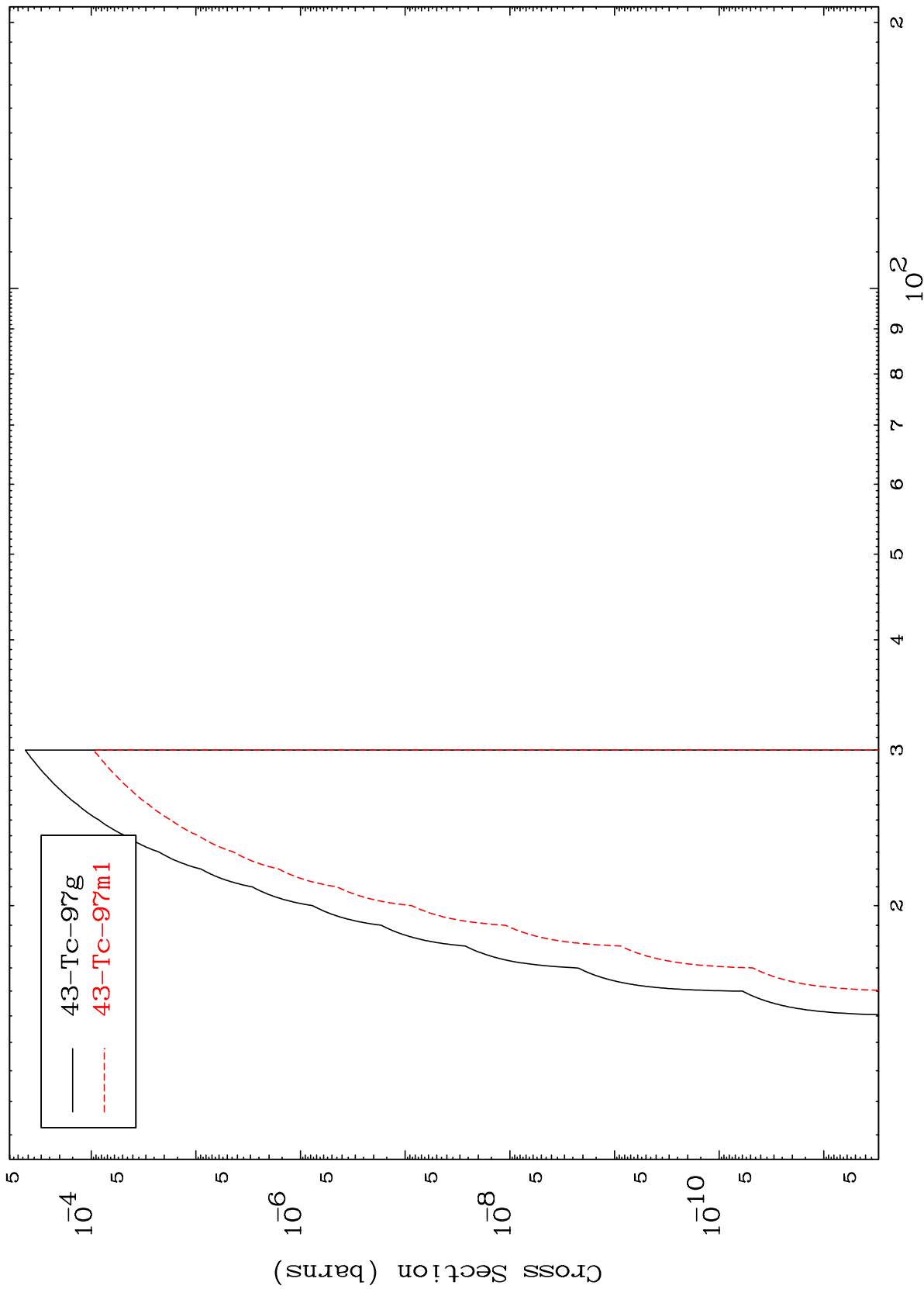
— 41-Nb-92g
- - - 41-Nb-92m1

MAT 4514

(n,p) d

45-Rh-99m

Radionuclide Production Cross Section

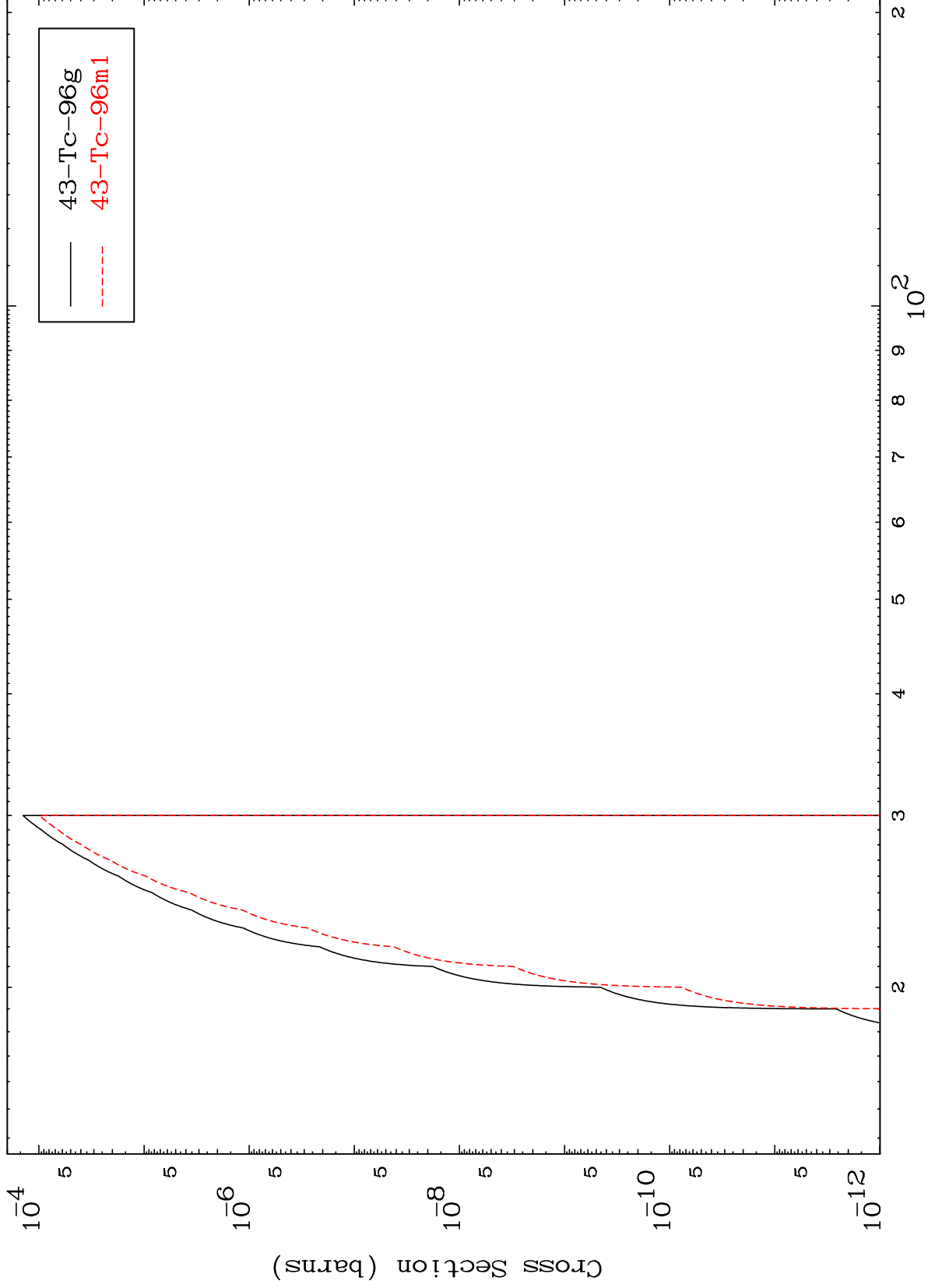


MAT 4514

(n,p) t

45-Rh-99m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

45-Rh-99m