

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

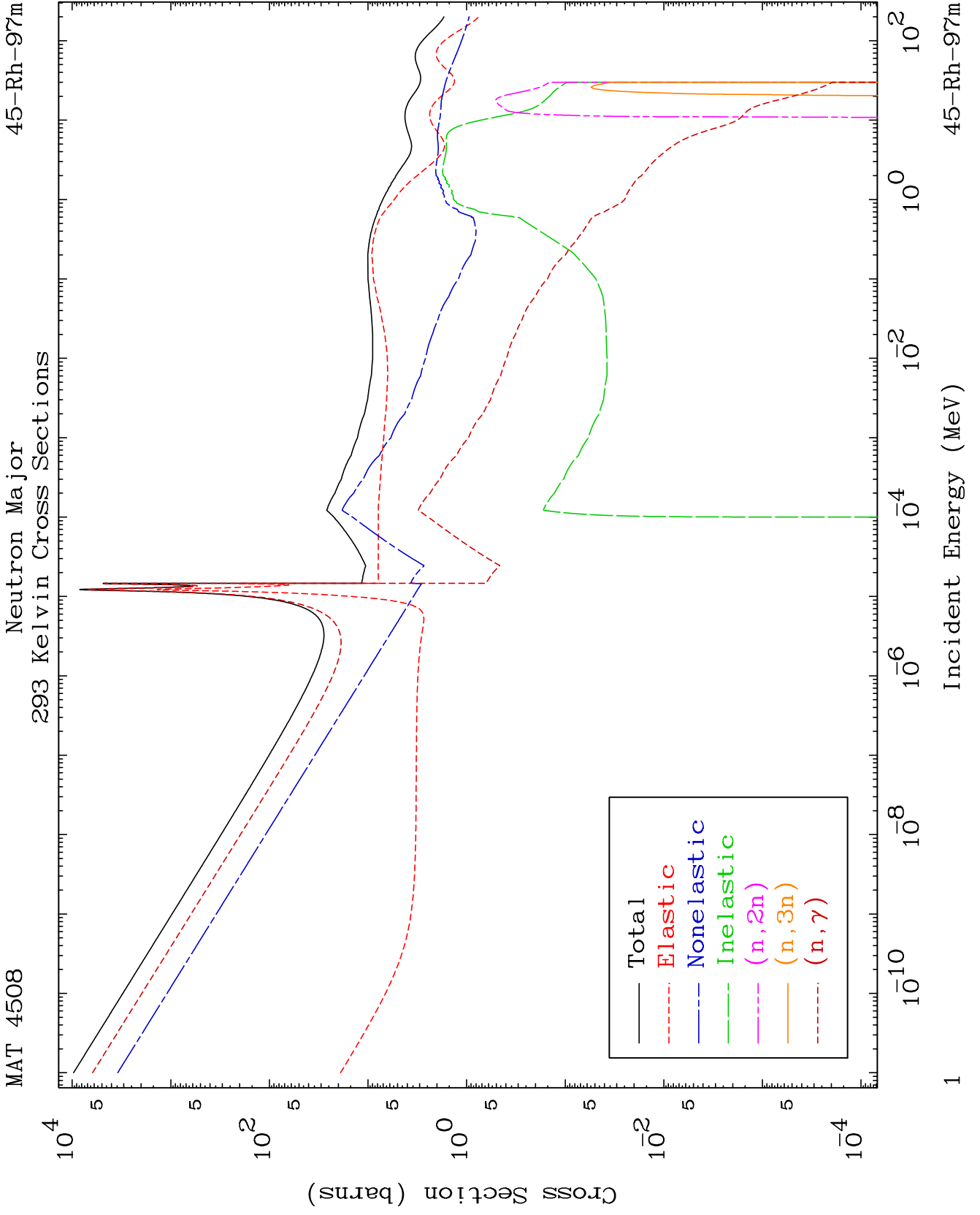
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Web: redcullen1.net/HOMEPAGE.NEW

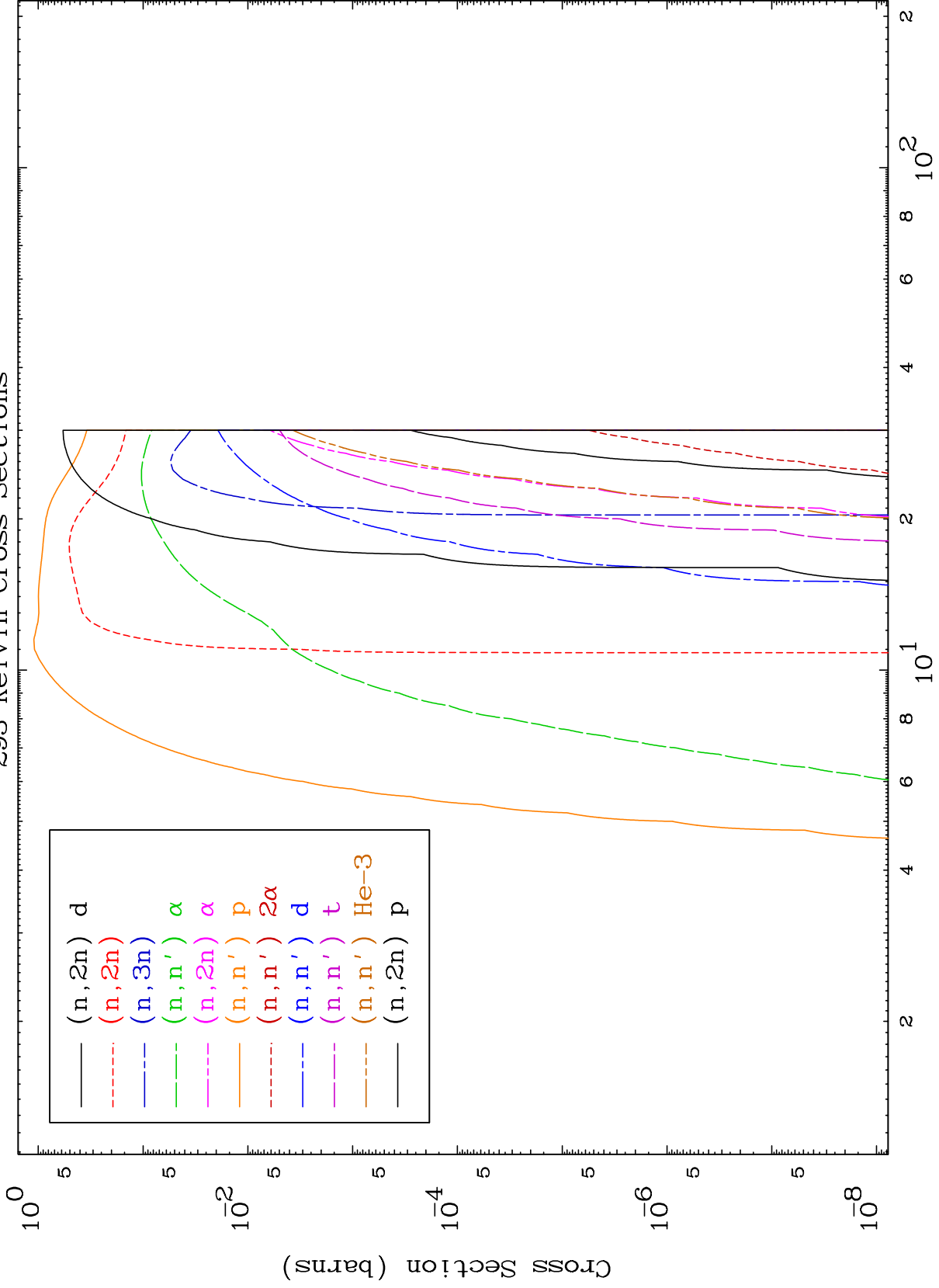
Press Mouse Button to Start



MAT 4508

Neutron Absorption
293 Kelvin Cross Sections

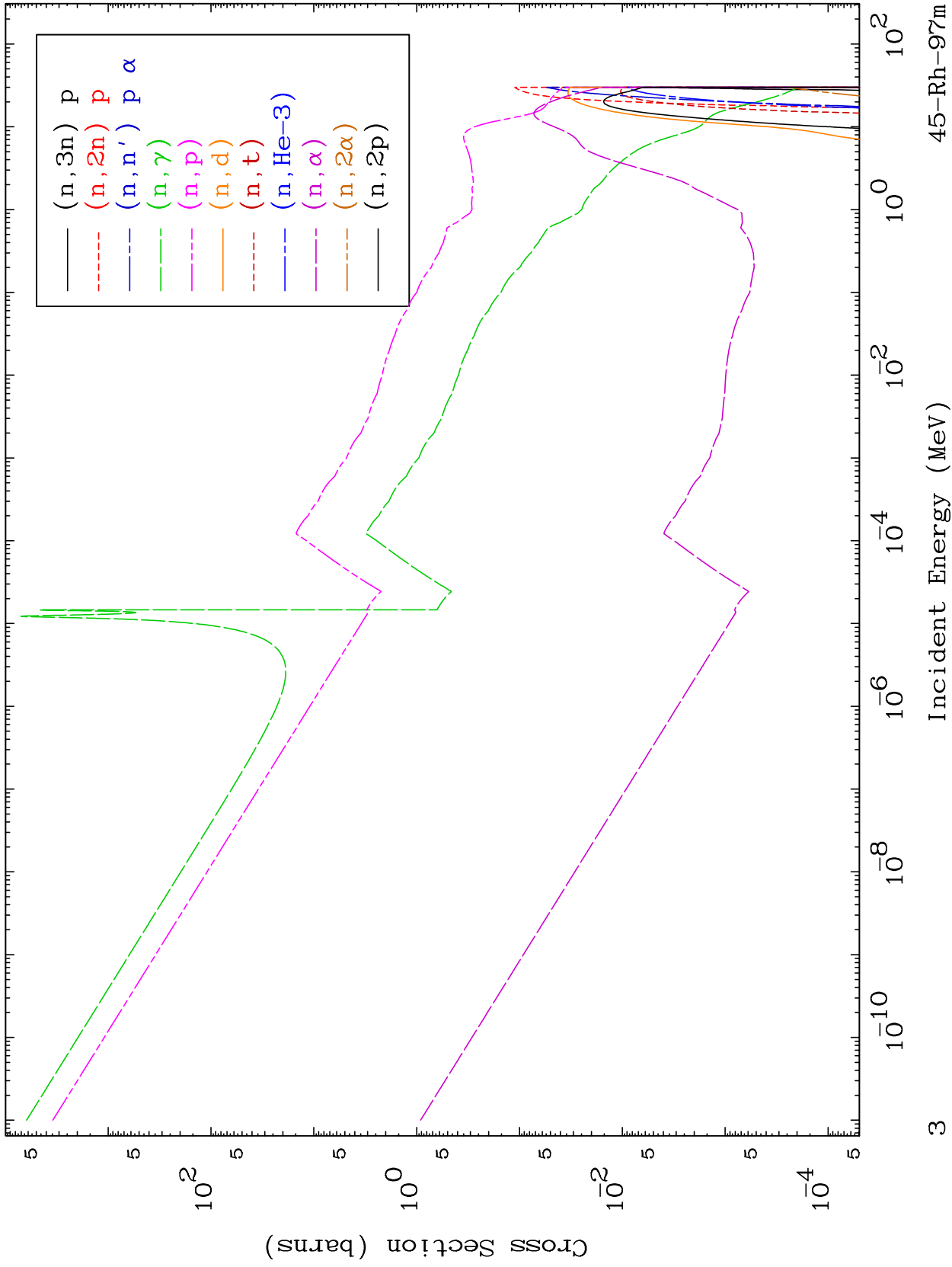
45-Rh-97m



MAT 4508

Neutron Absorption
293 Kelvin Cross Sections

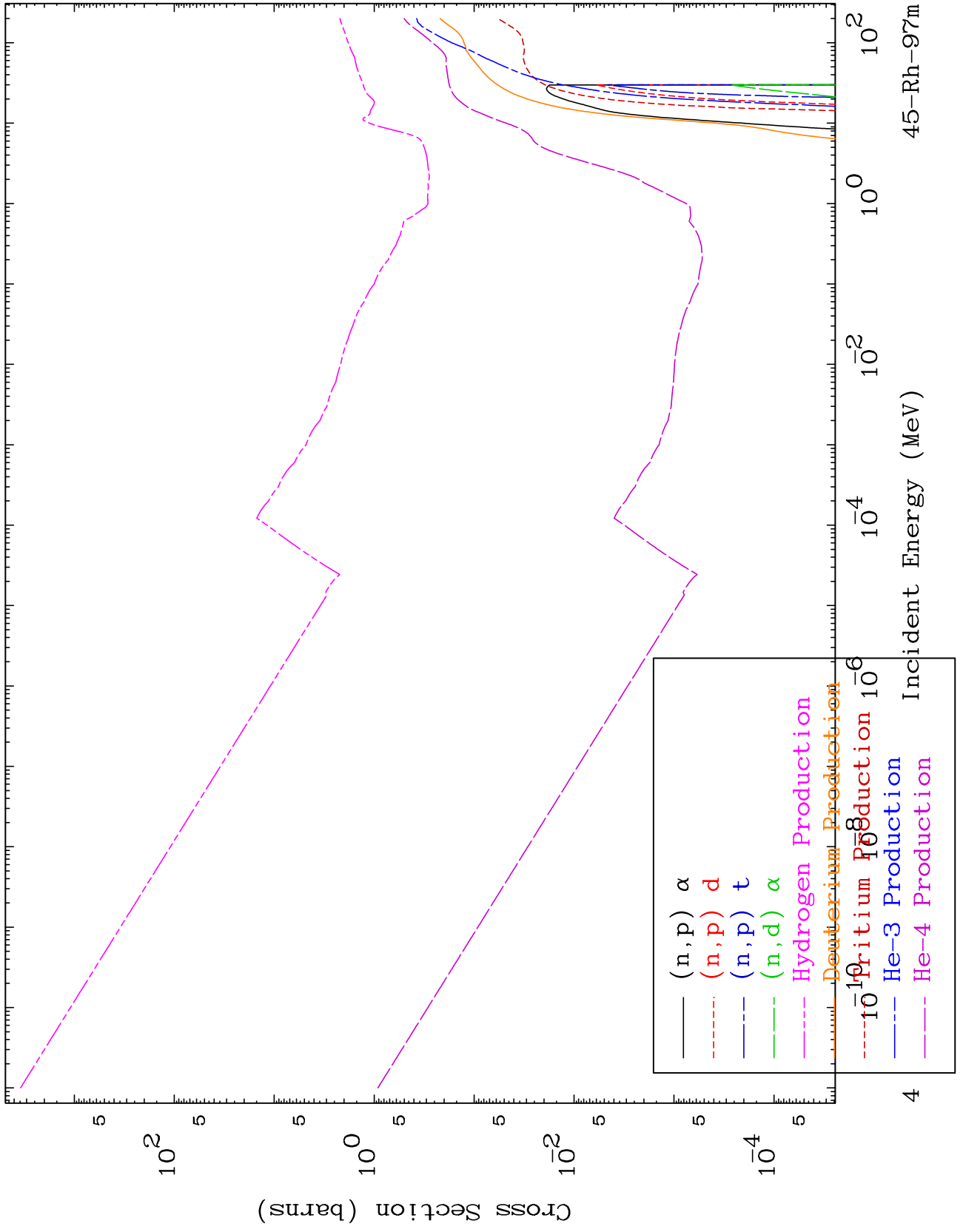
45-Rh-97m



MAT 4508

Neutron Absorption
293 Kelvin Cross Sections

45-Rh-97m



45-Rh-97m

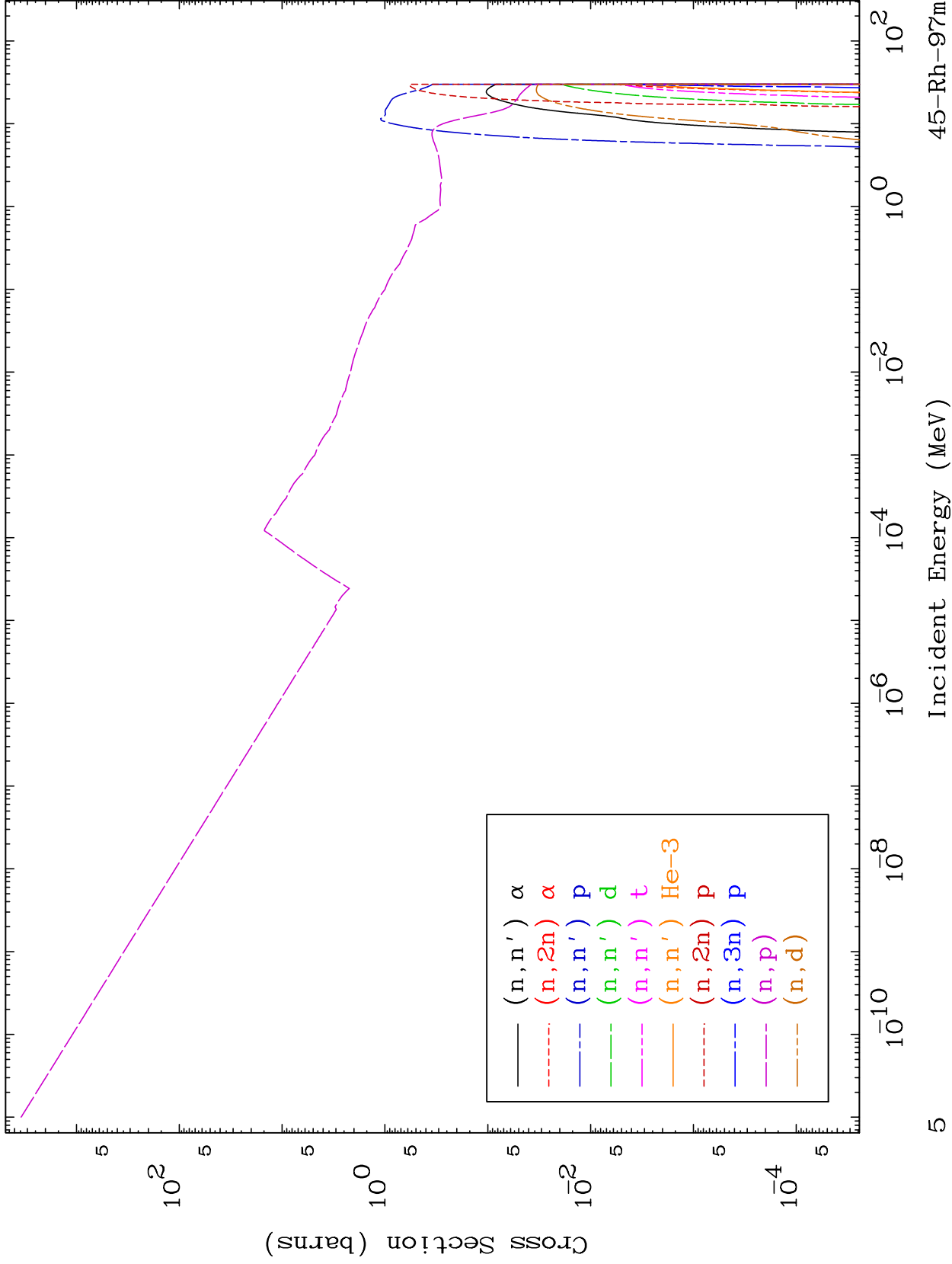
Incident Energy (MeV)

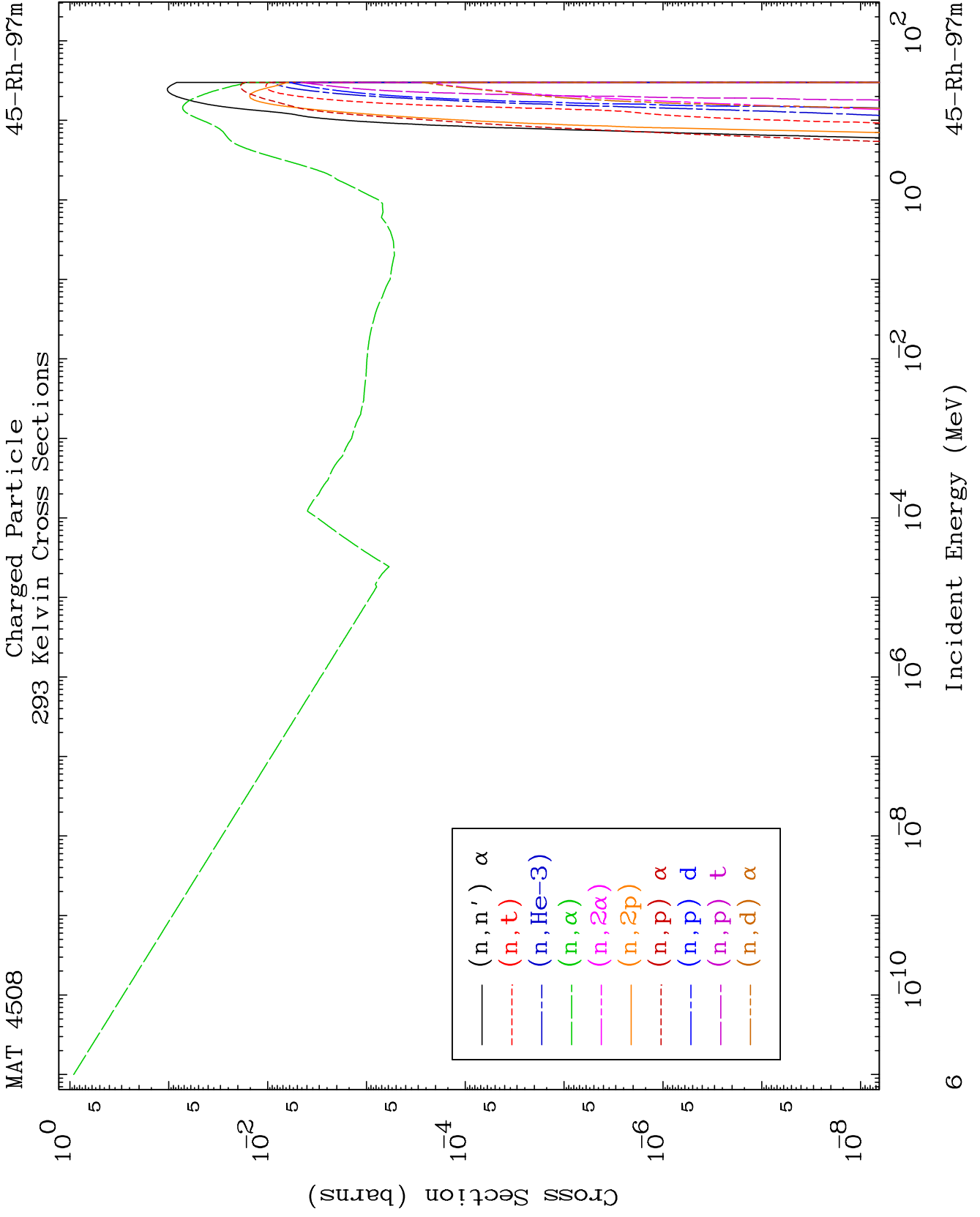
4

MAT 4508

Charged Particle
293 Kelvin Cross Sections

45-Rh-97m

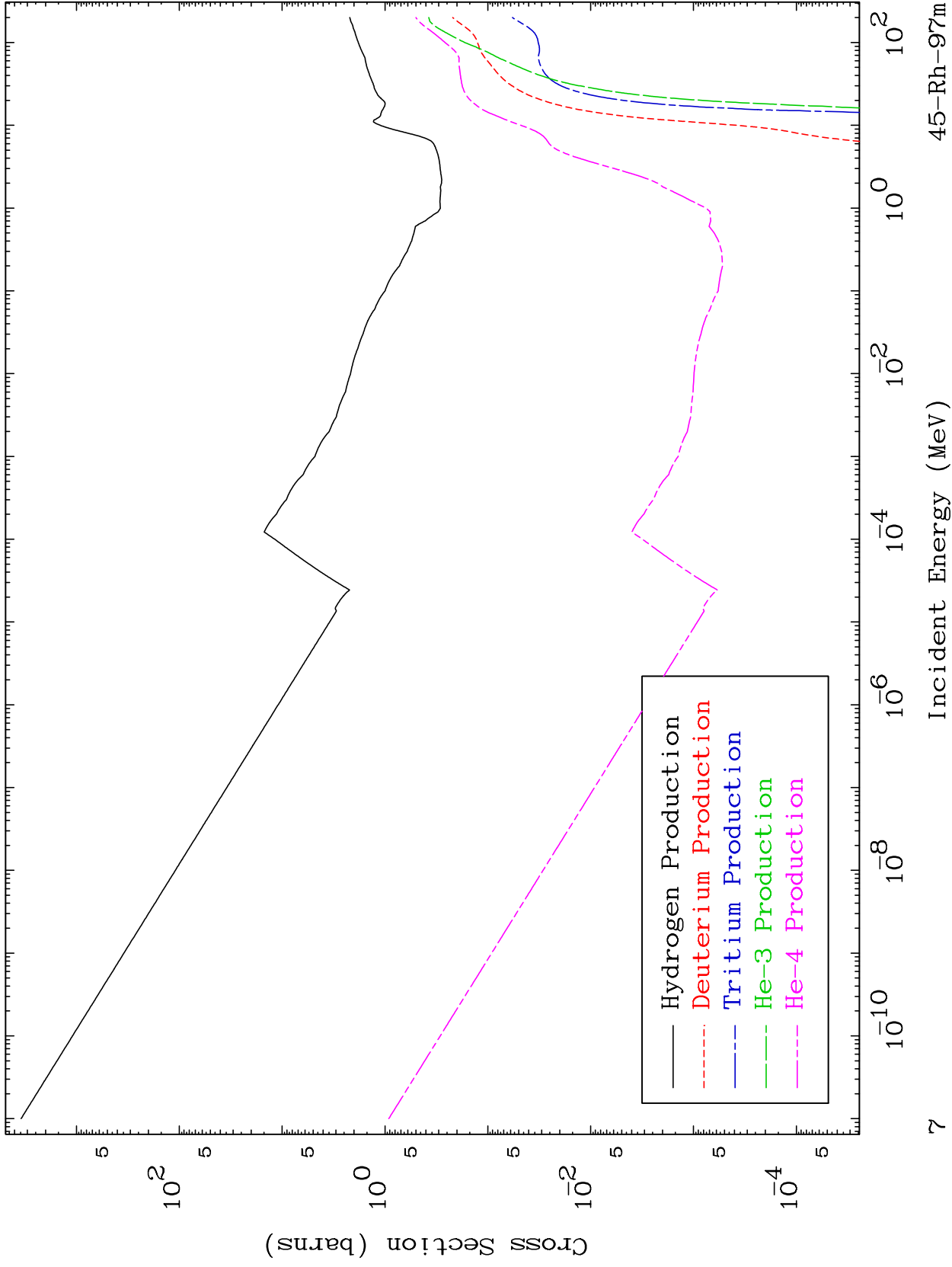




MAT 4508

Particle Production
293 Kelvin Cross Sections

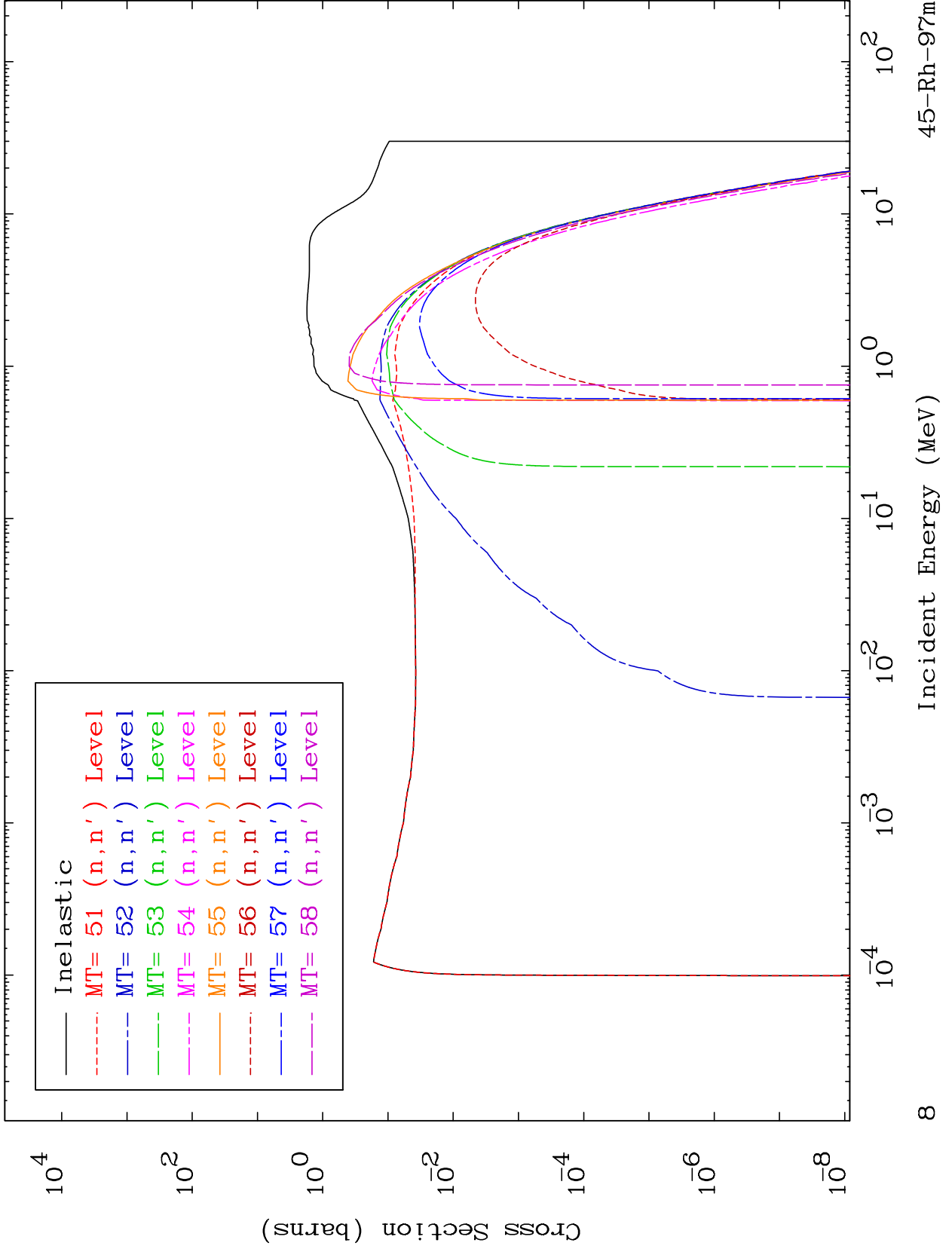
45-Rh-97m



MAT 4508

(n,n') Levels
293 Kelvin Cross Sections

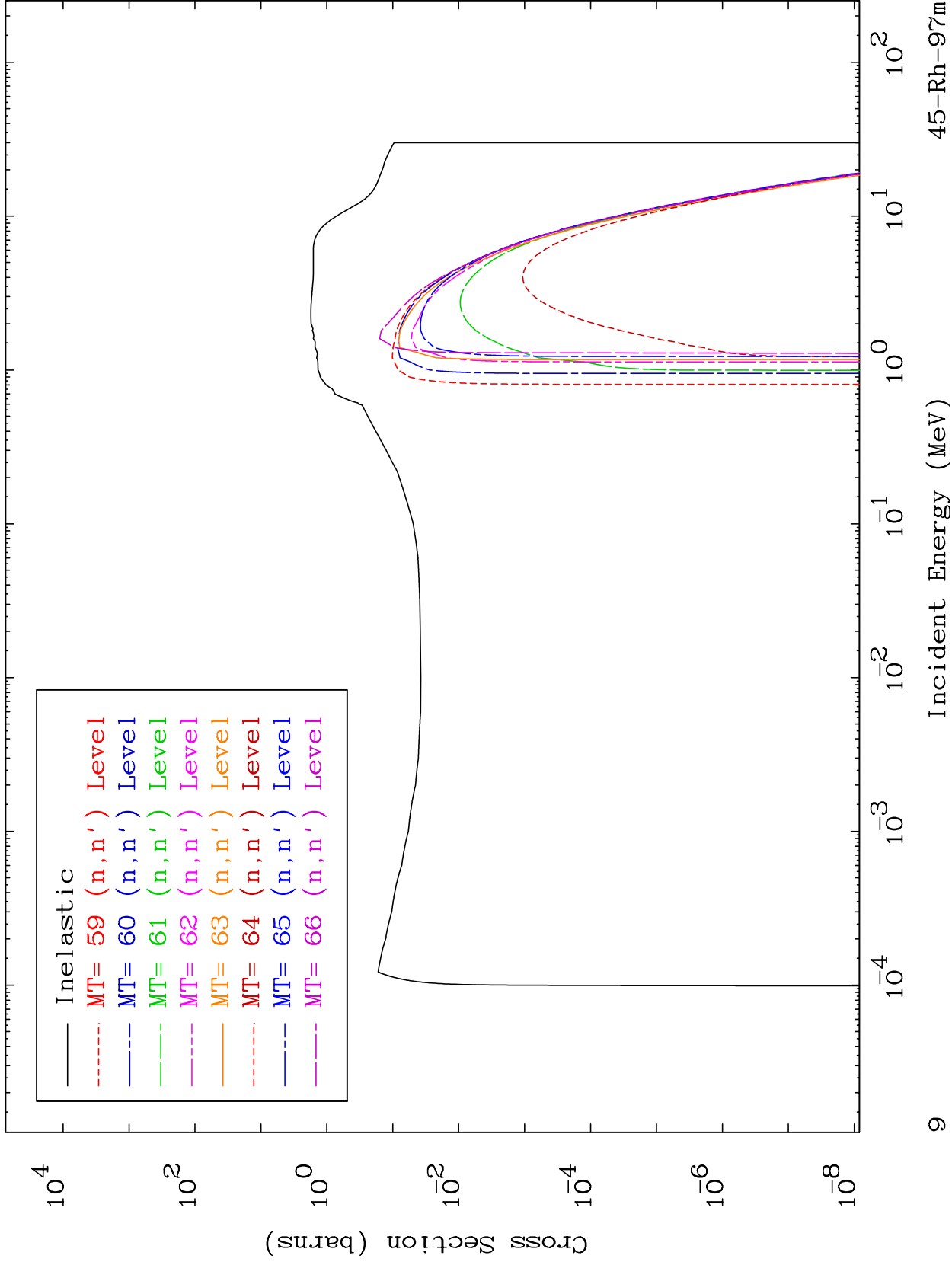
45-Rh-97m



MAT 4508

(n,n') Levels
293 Kelvin Cross Sections

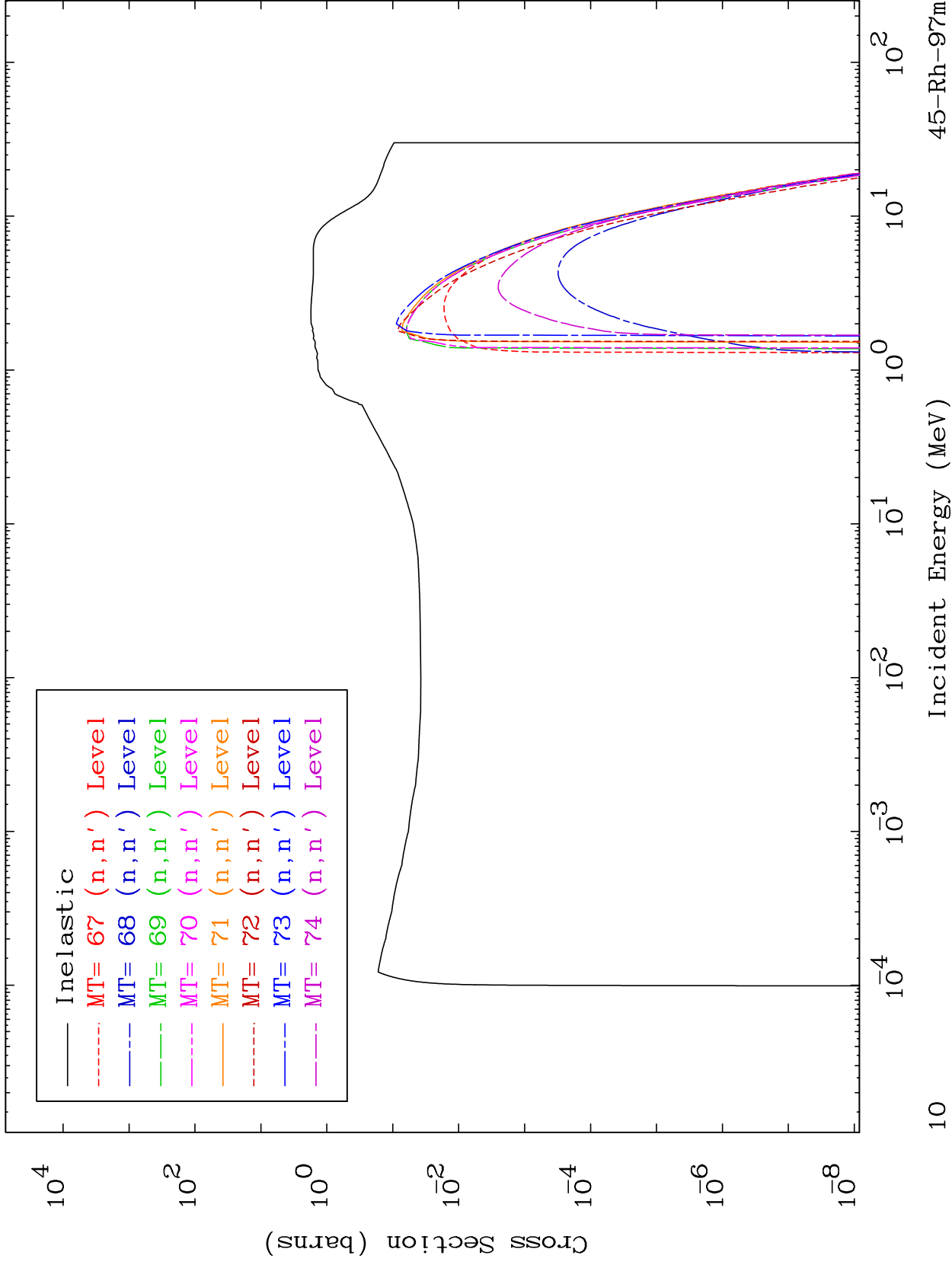
45-Rh-97m



MAT 4508

(n,n') Levels
293 Kelvin Cross Sections

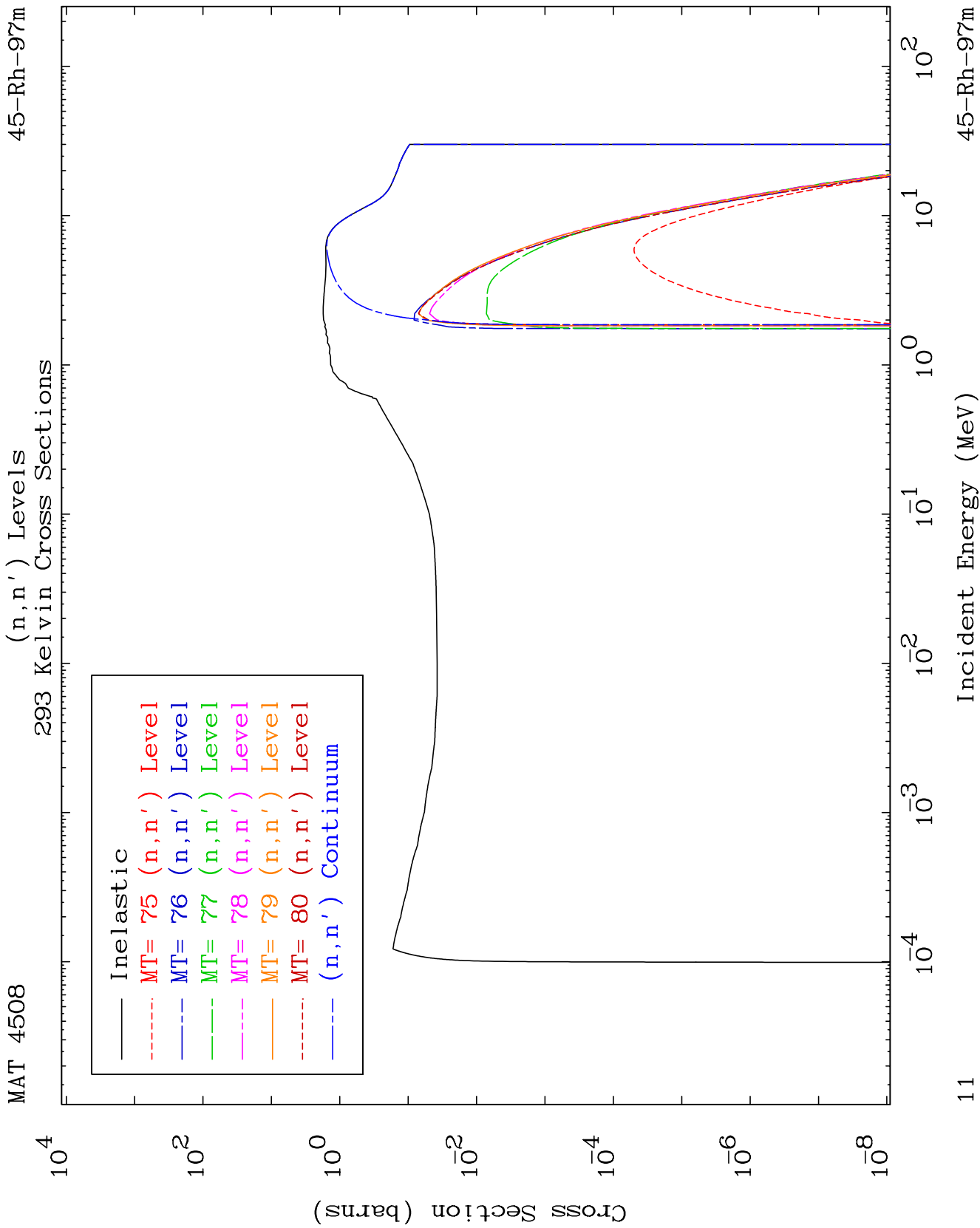
45-Rh-97m



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Incident Energy (MeV)

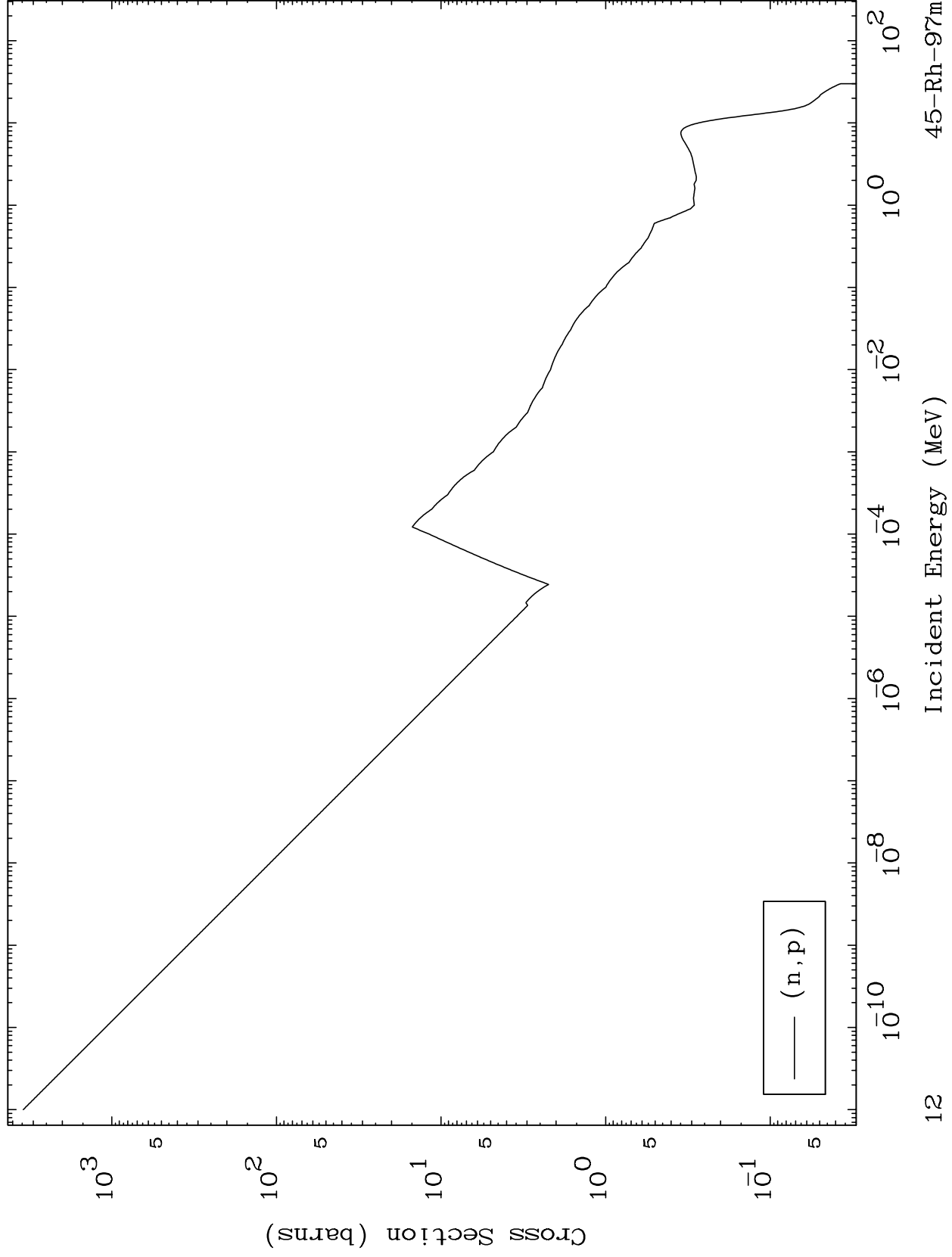
45-Rh-97m



MAT 4508

(n,p) Levels
293 Kelvin Cross Sections

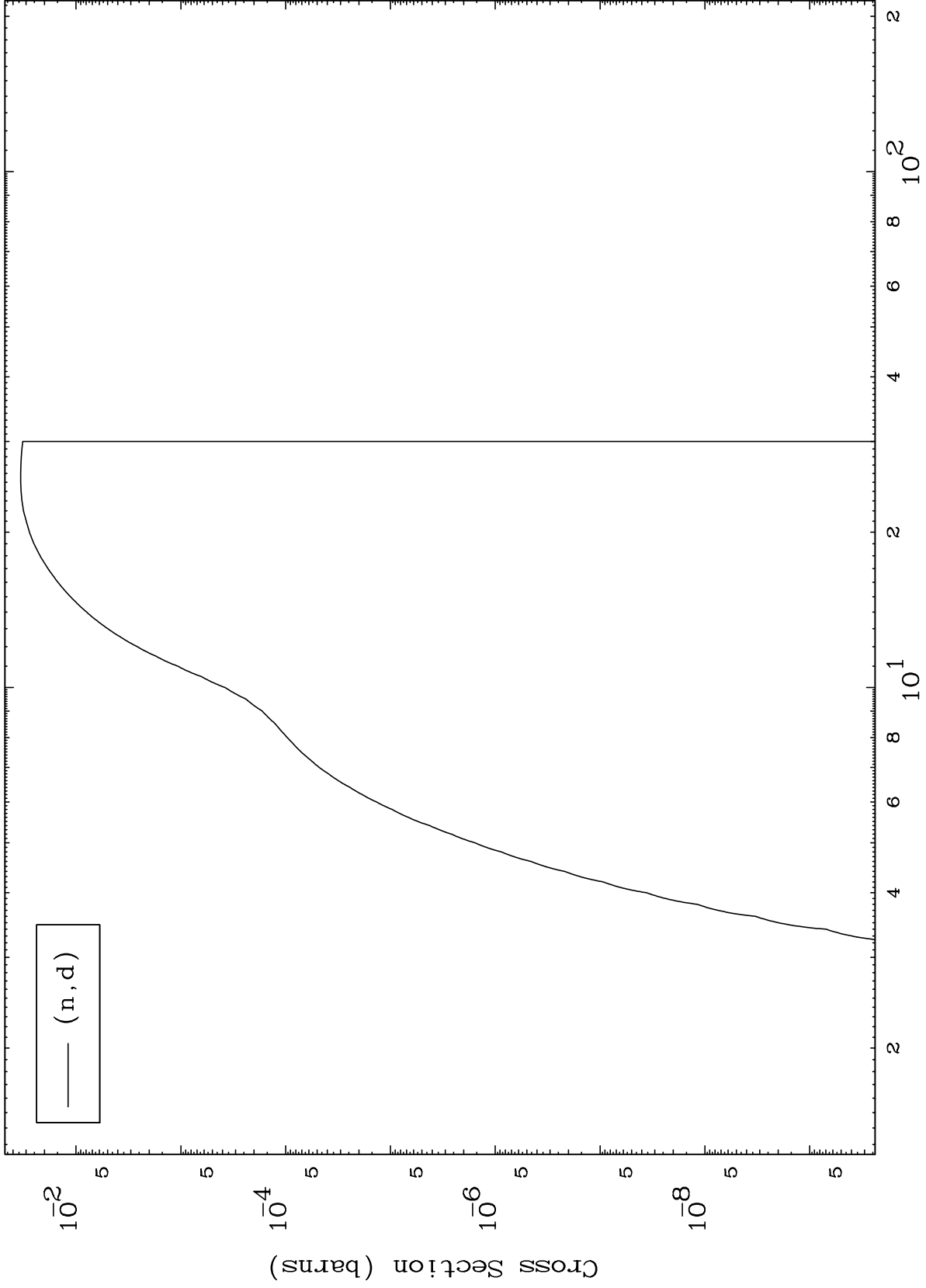
45-Rh-97m



MAT 4508

(n,d) Levels
293 Kelvin Cross Sections

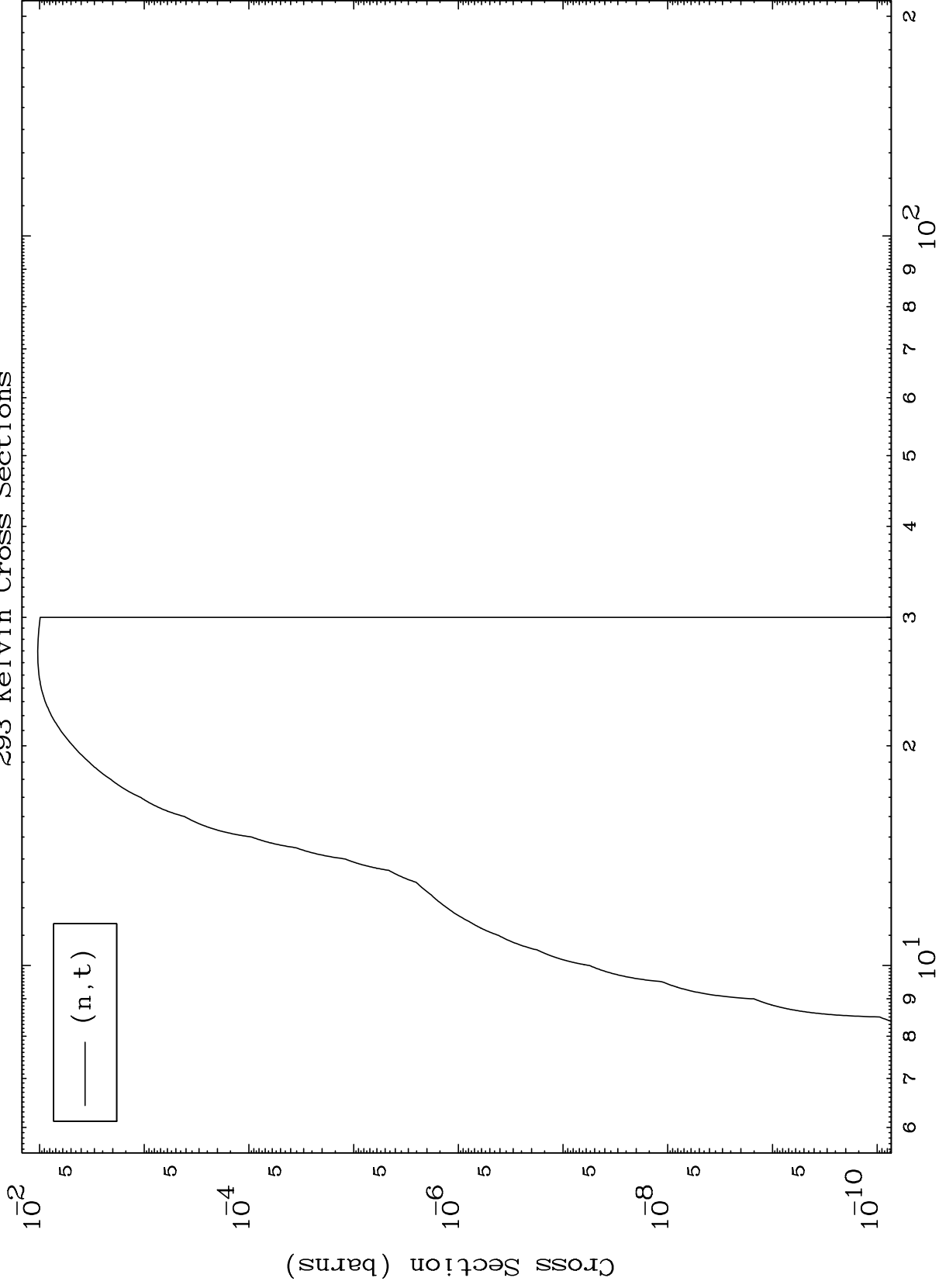
45-Rh-97m



MAT 4508

(n, t) Levels
293 Kelvin Cross Sections

45-Rh-97m



14

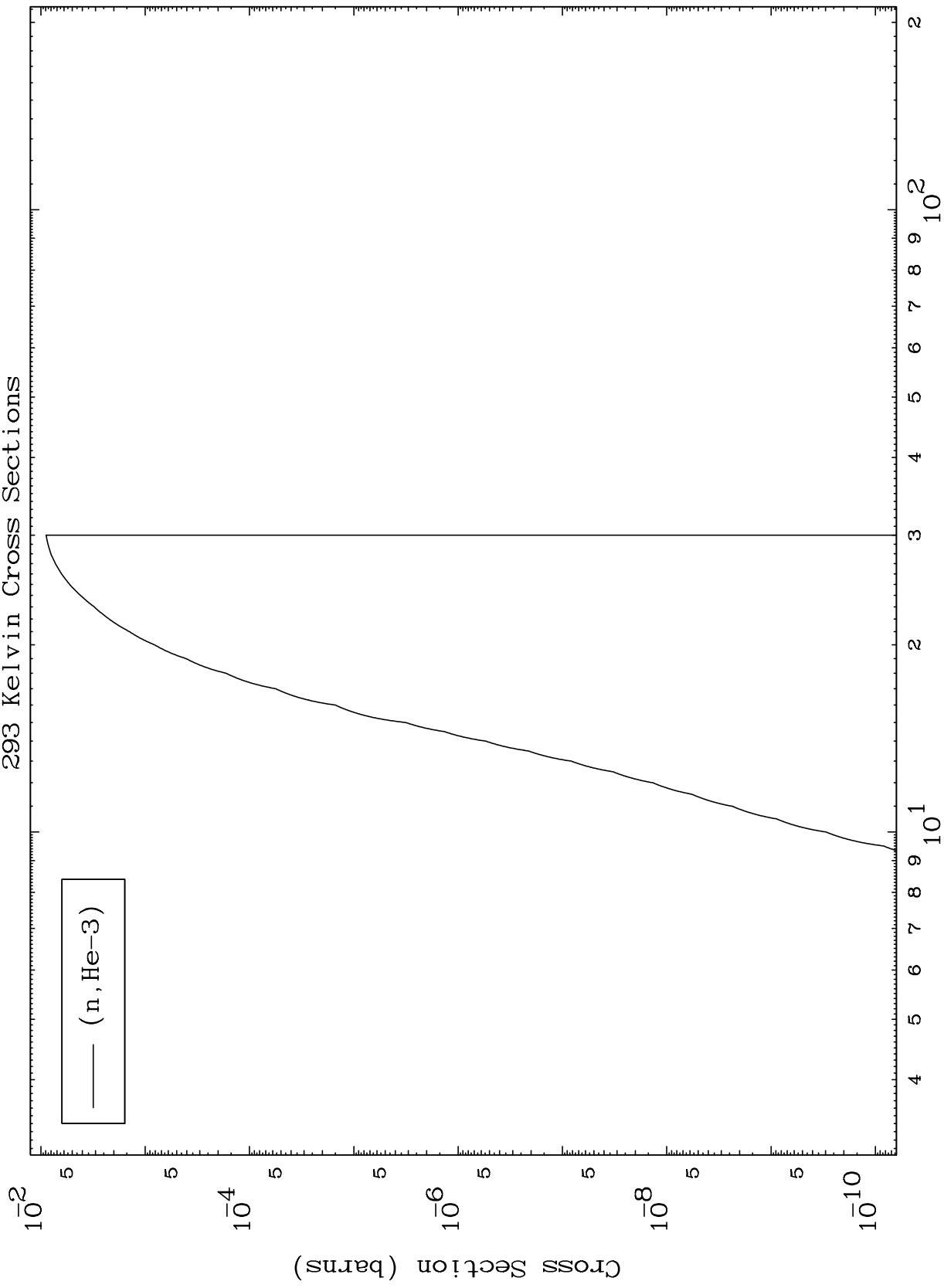
Incident Energy (MeV)

45-Rh-97m

MAT 4508

(n,He3) Levels
293 Kelvin Cross Sections

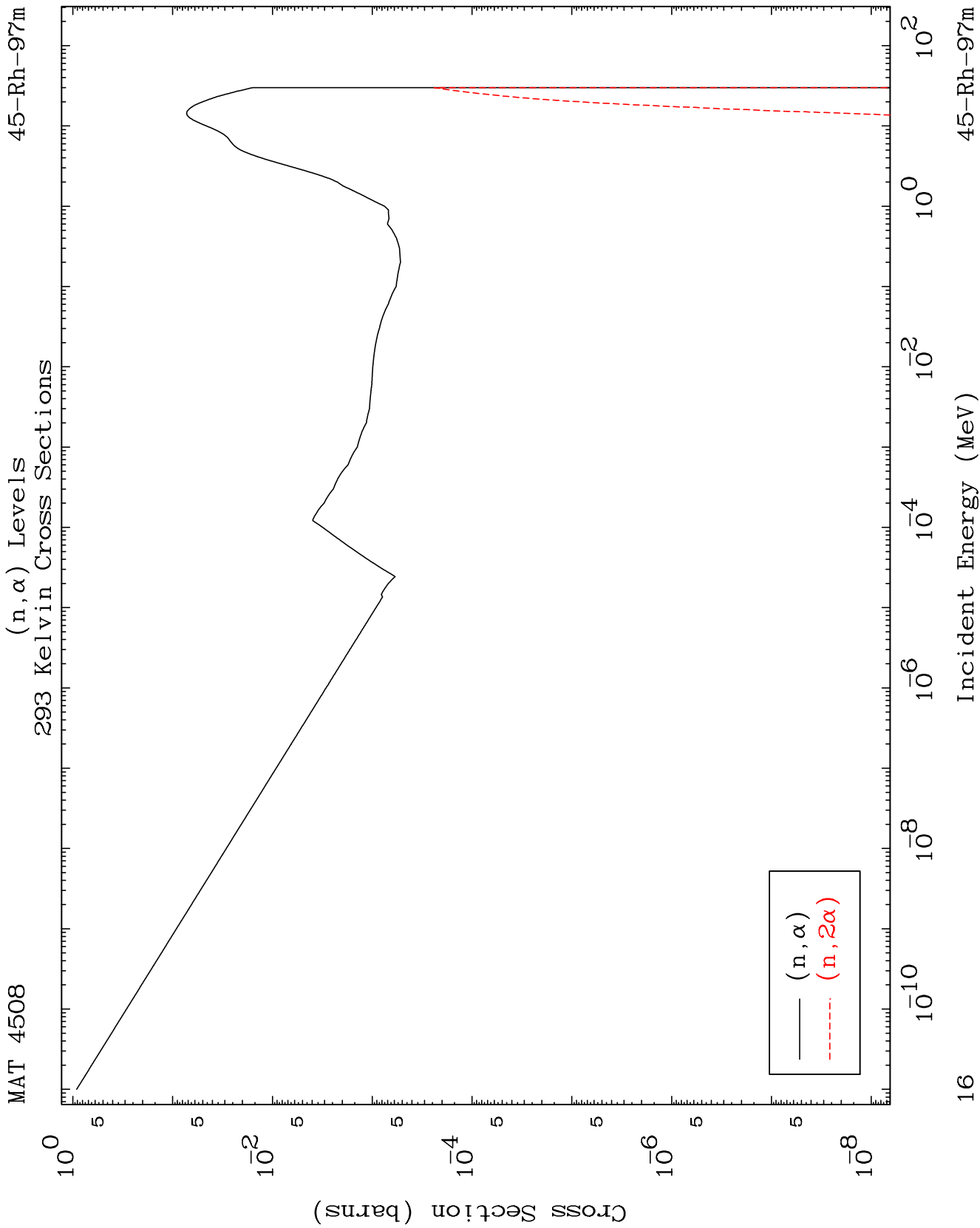
45-Rh-97m



15

Incident Energy (MeV)

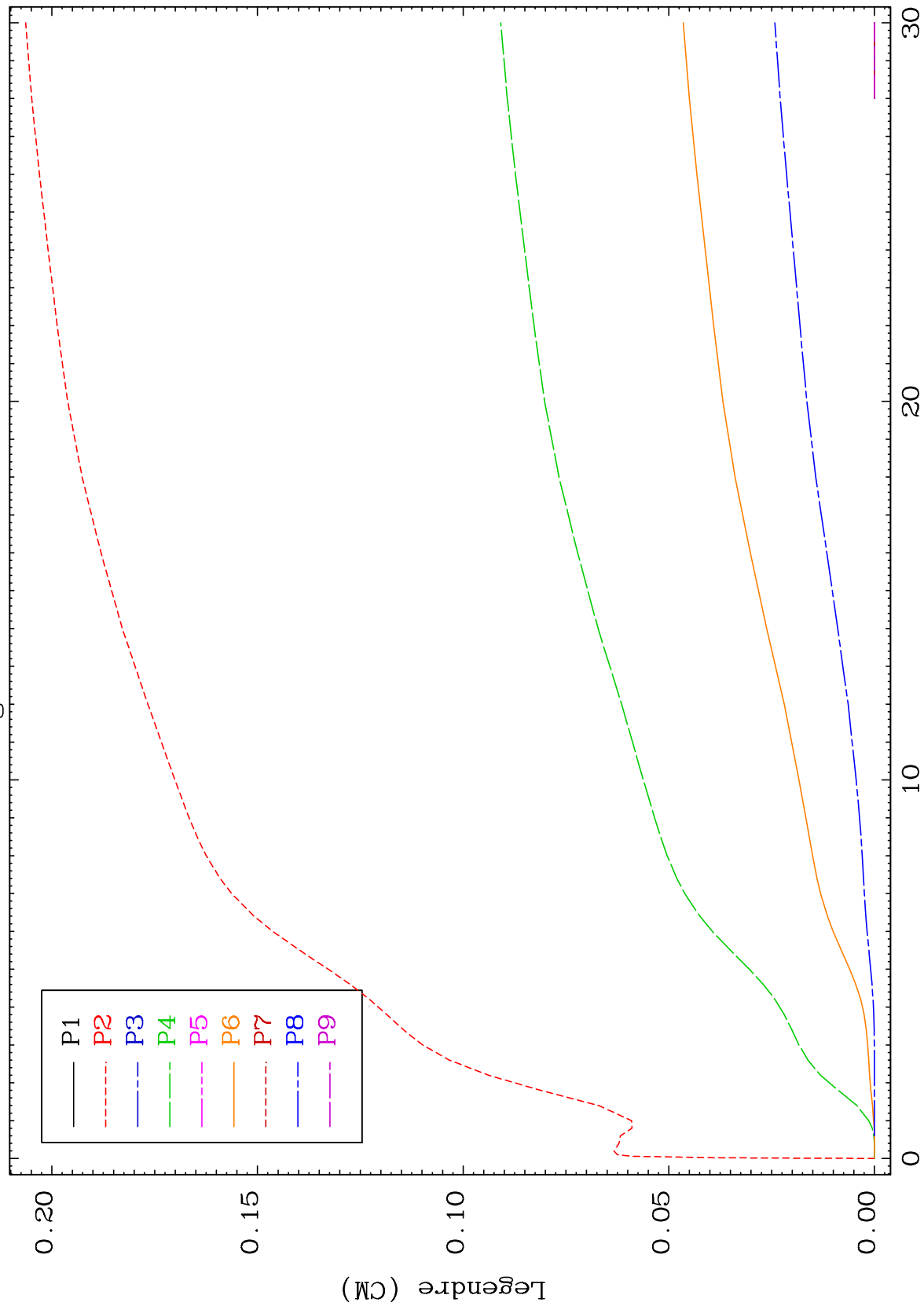
45-Rh-97m



MAT 4508

Elastic Legendre Coefficients

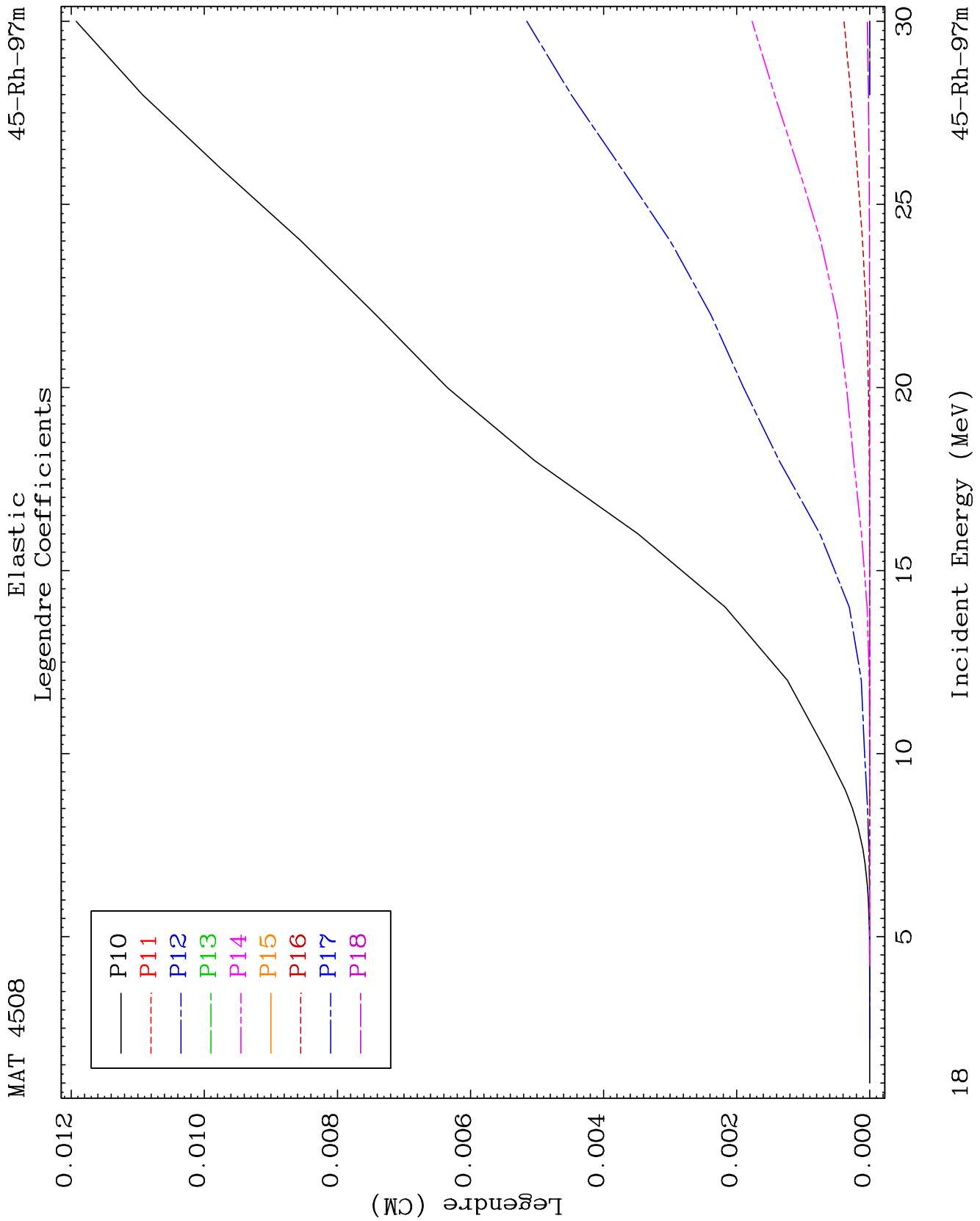
45-Rh-97m



17

Incident Energy (MeV)

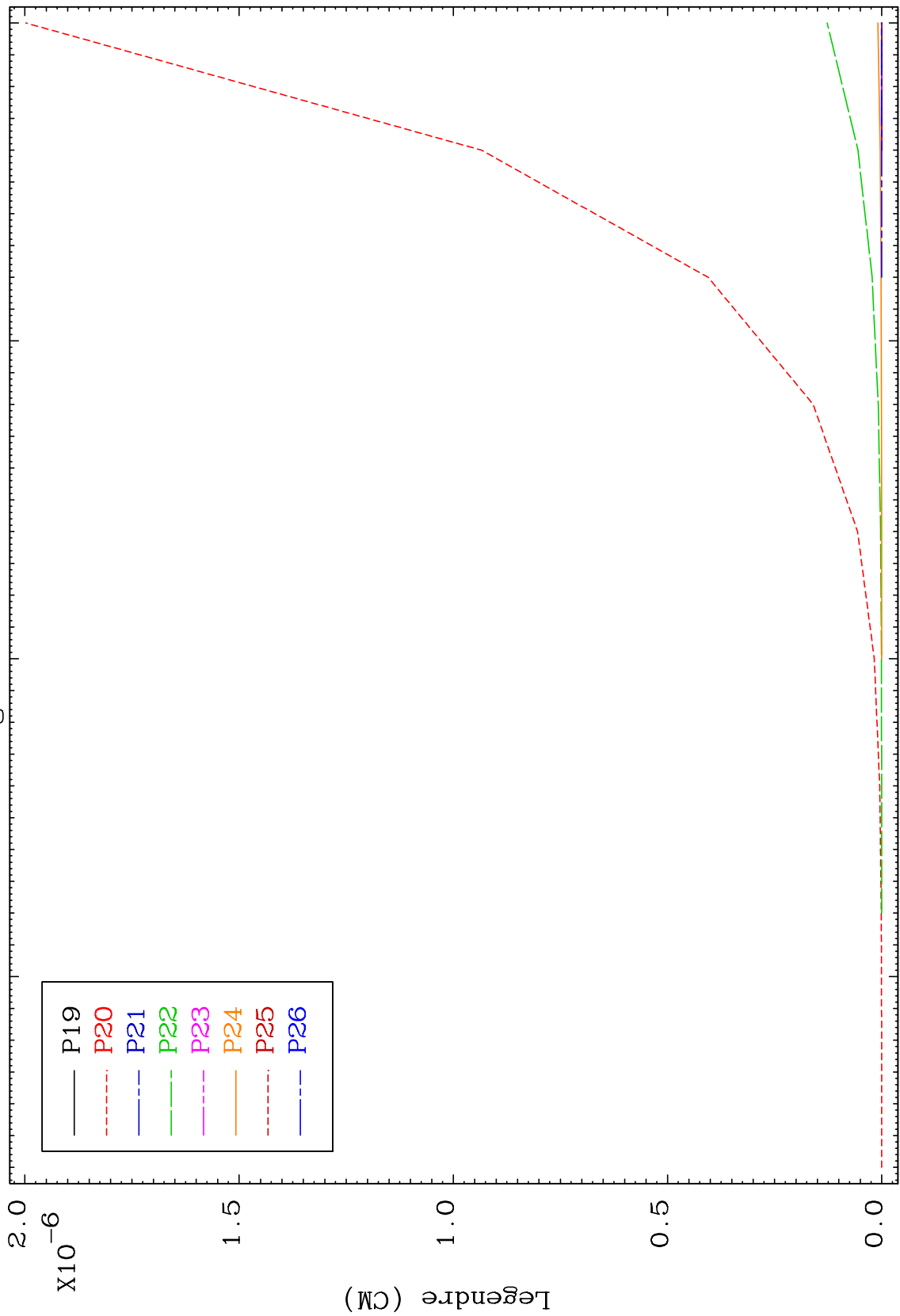
45-Rh-97m



MAT 4508

Elastic
Legendre Coefficients

45-Rh-97m



19

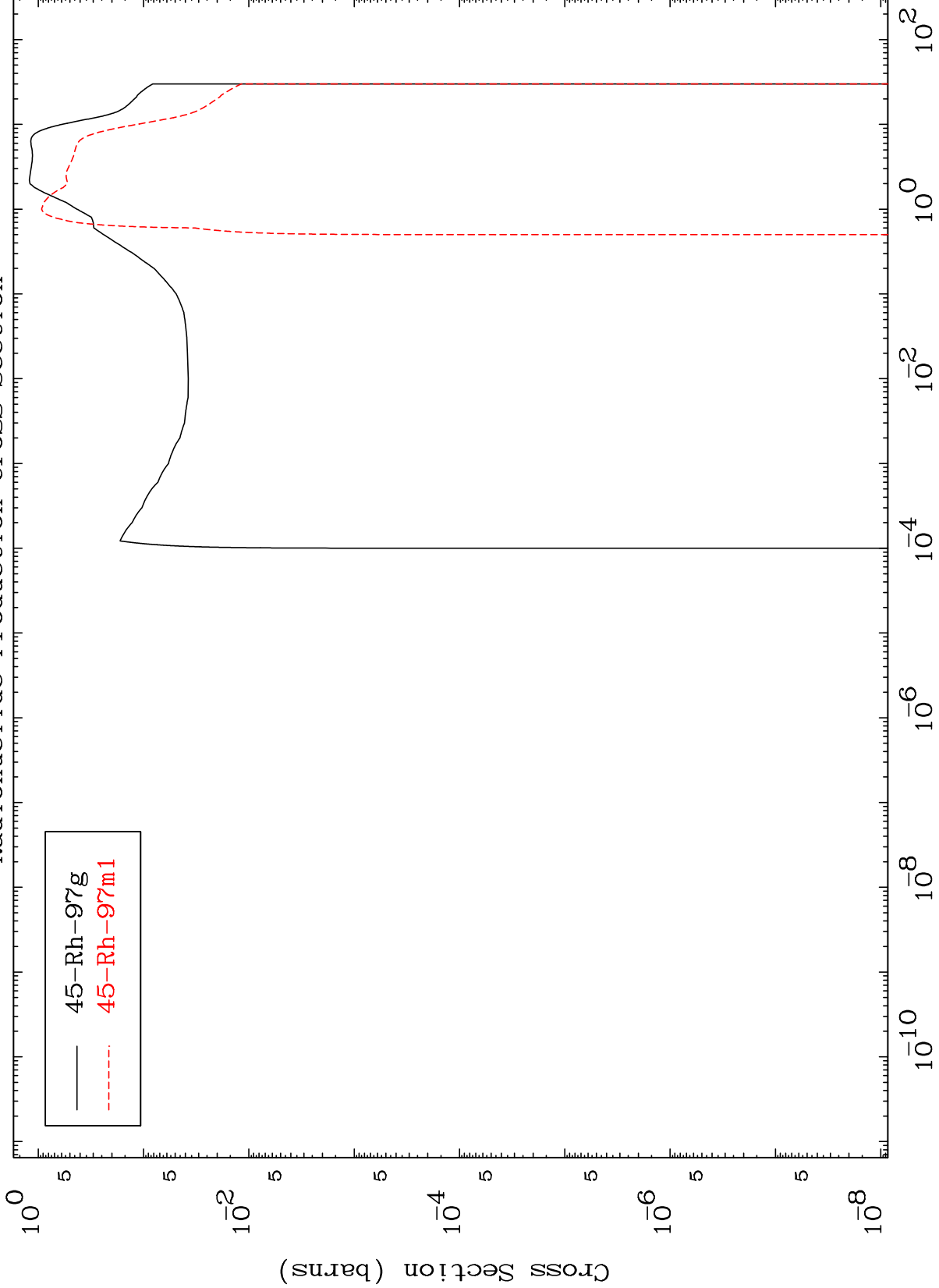
Incident Energy (MeV)

45-Rh-97m

MAT 4508

Inelastic
Radionuclide Production Cross Section

45-Rh-97m



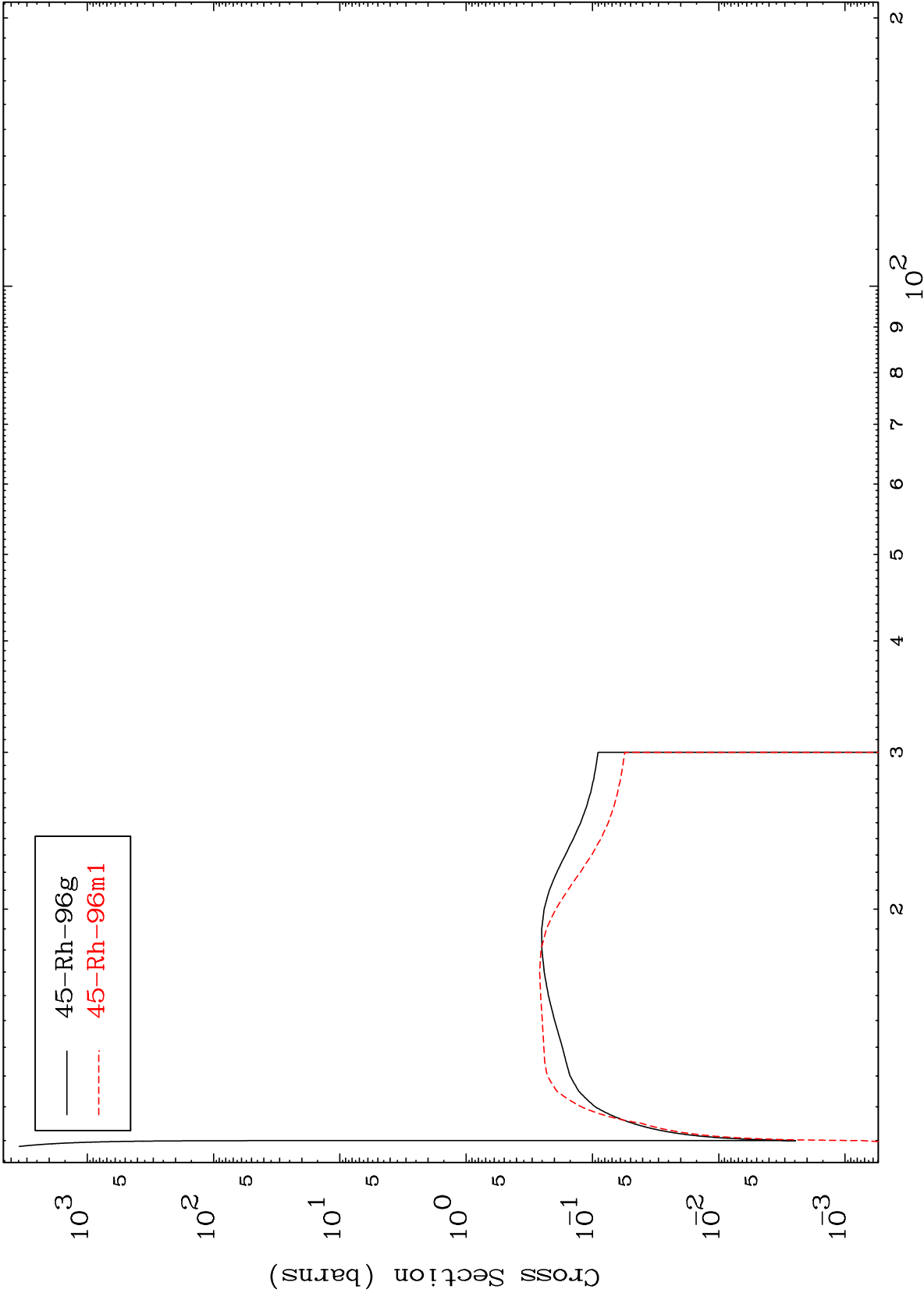
45-Rh-97m

MAT 4508

(n,2n)

45-Rh-97m

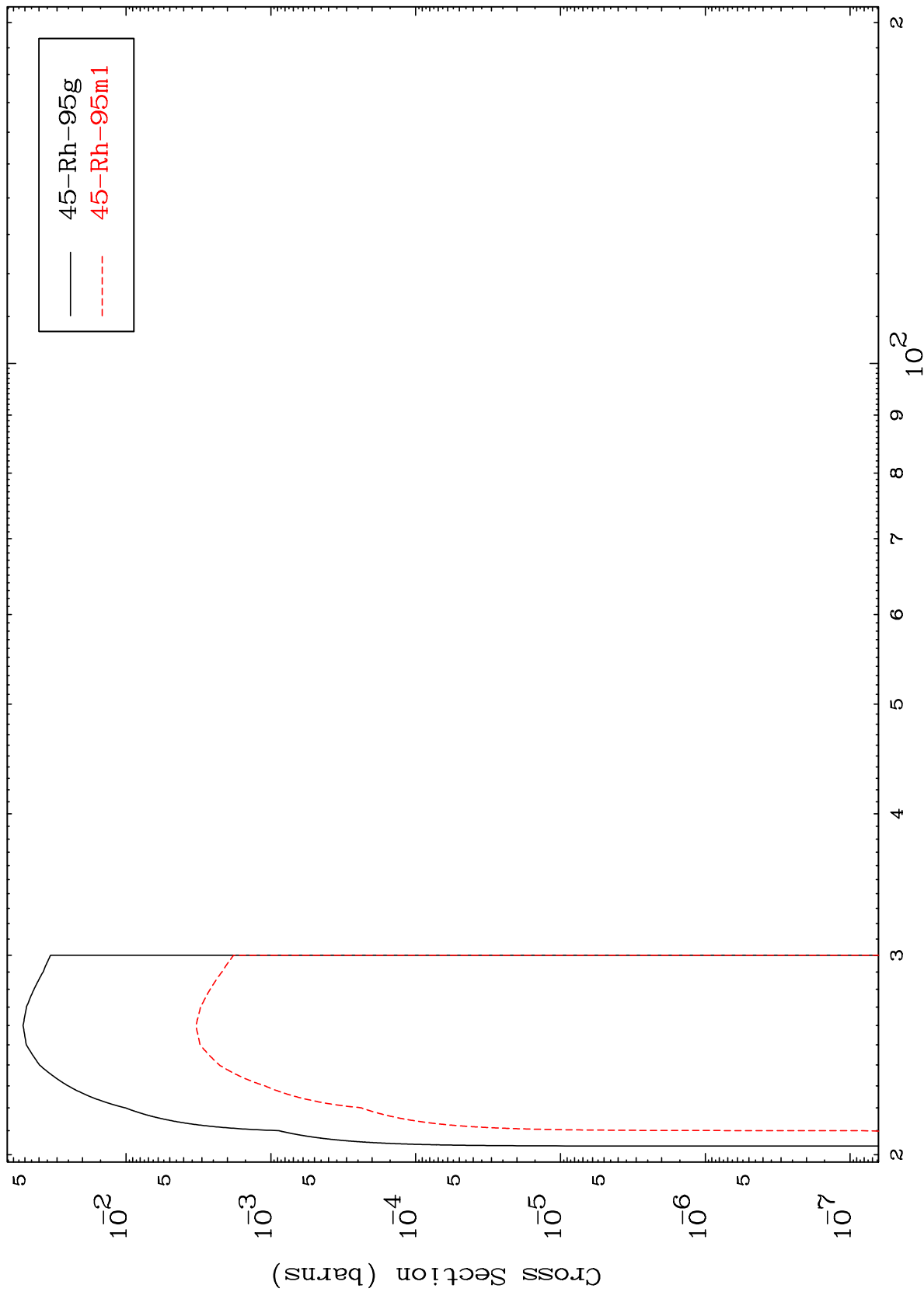
Radionuclide Production Cross Section



MAT 4508

45-Rh-97m

(n,3n)
Radionuclide Production Cross Section



45-Rh-97m

Incident Energy (MeV)

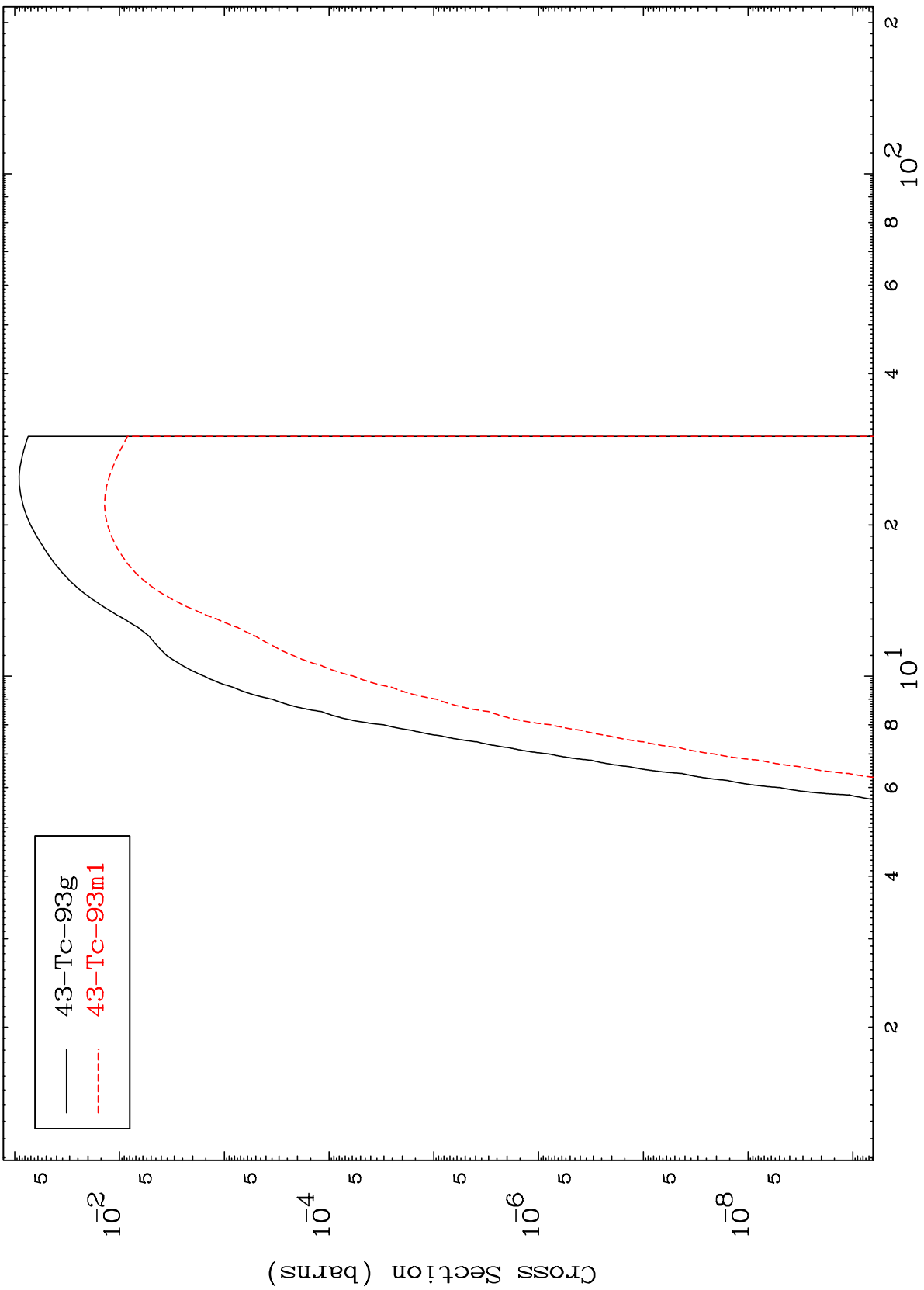
22

MAT 4508

(n,n') α

45-Rh-97m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

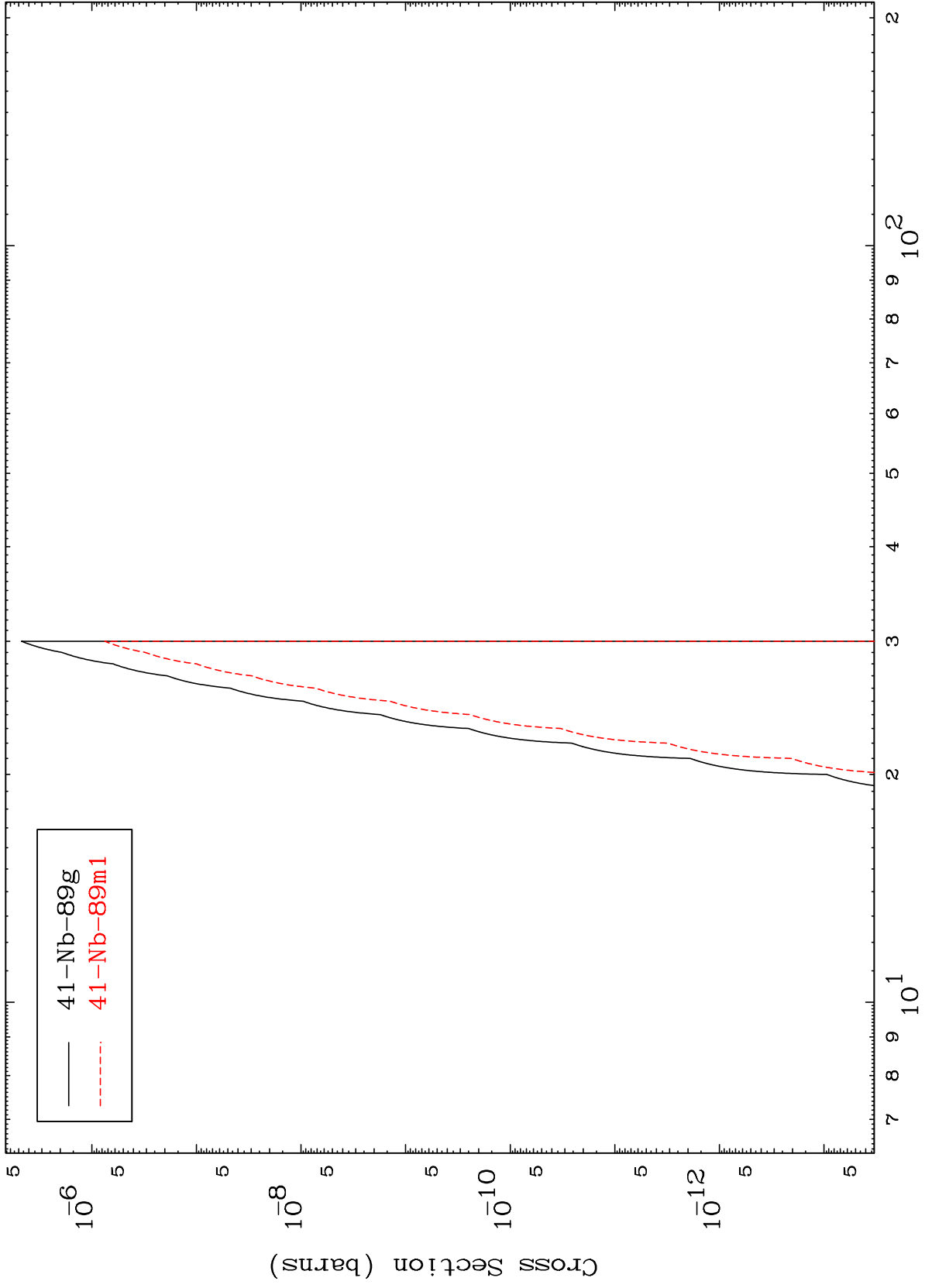
45-Rh-97m

MAT 4508

(n,n') 2α

45-Rh-97m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

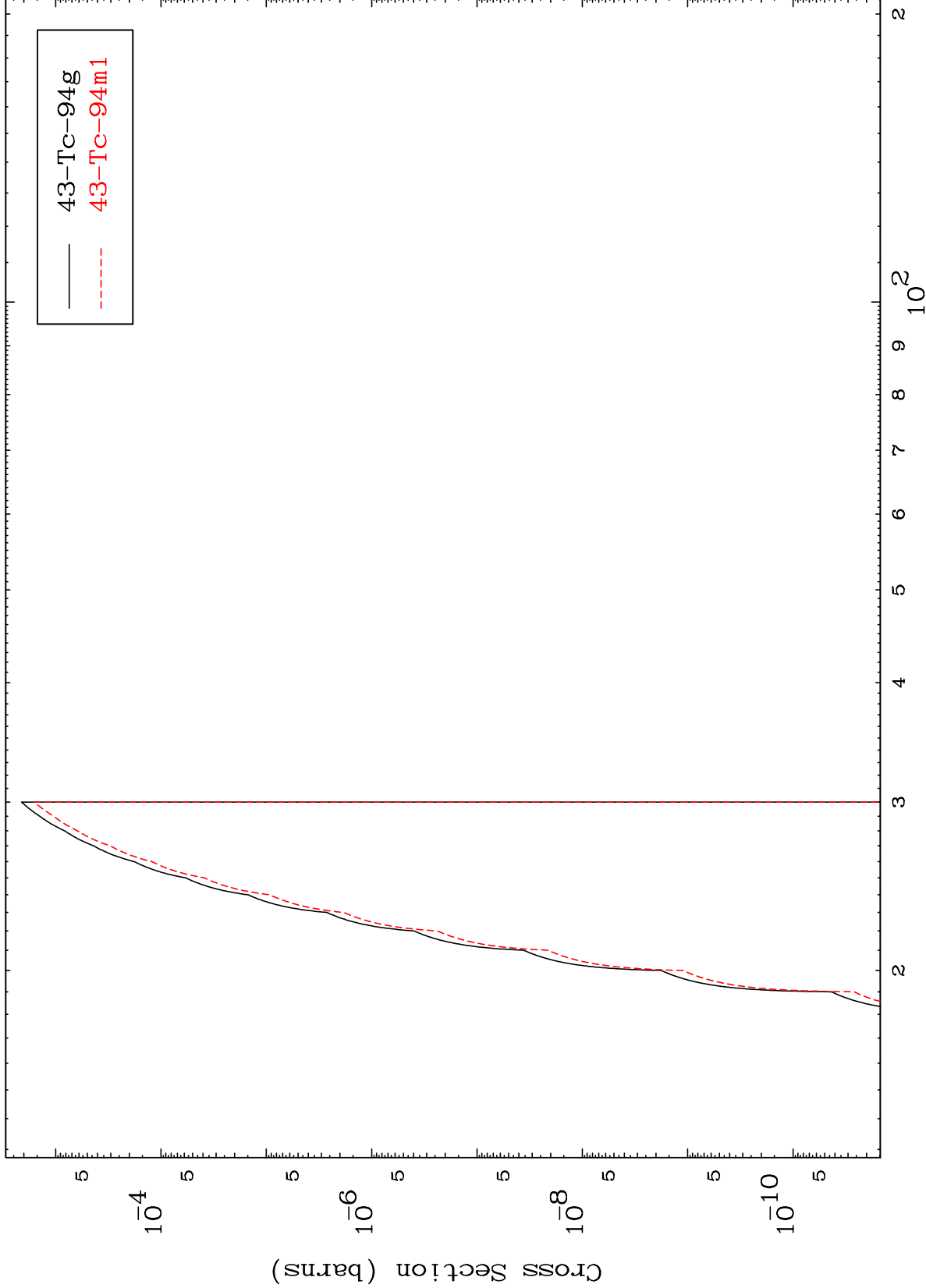
45-Rh-97m

MAT 4508

(n,n') He-3

45-Rh-97m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

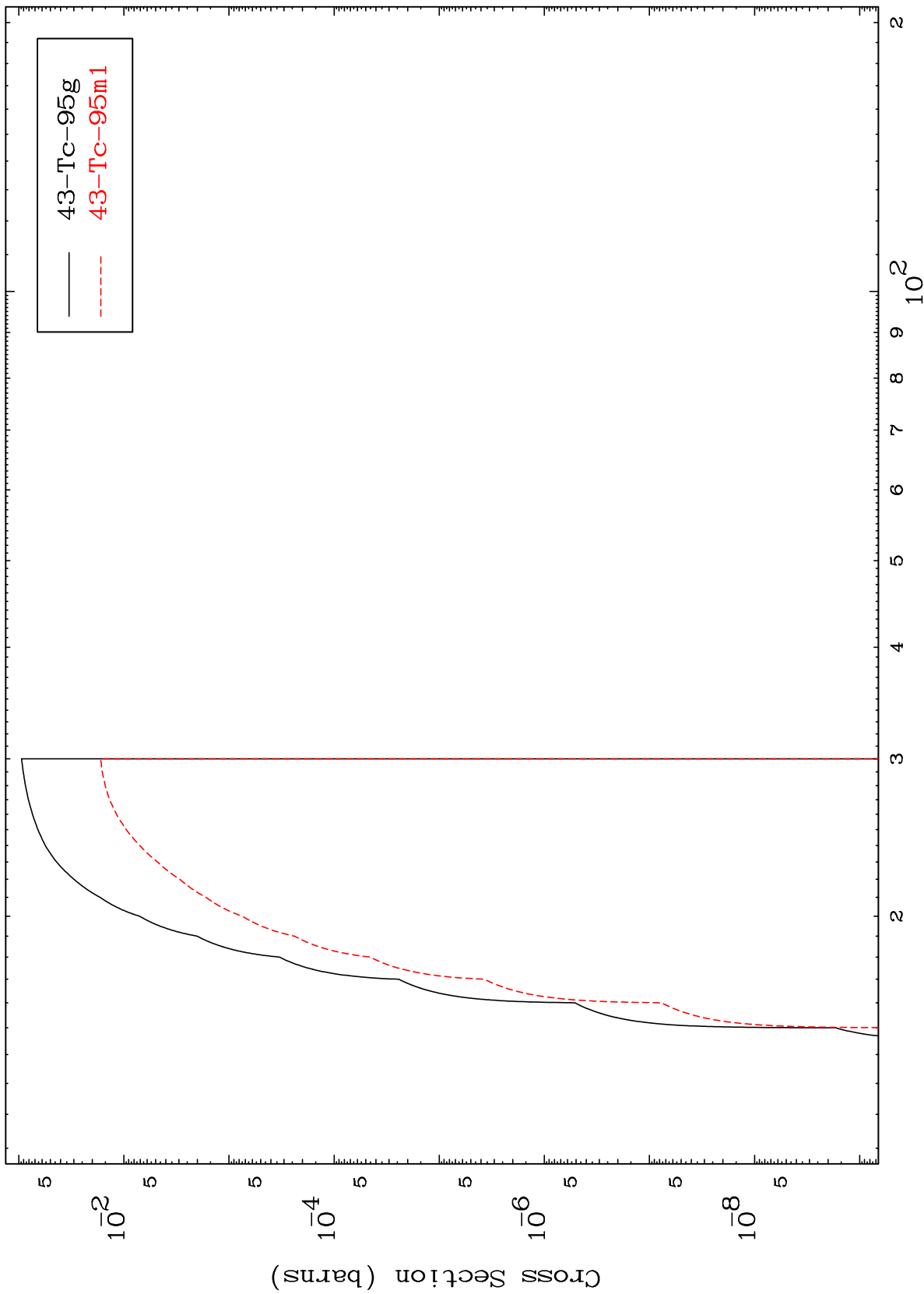
45-Rh-97m

MAT 4508

(n,2n) p

45-Rh-97m

Radionuclide Production Cross Section



26

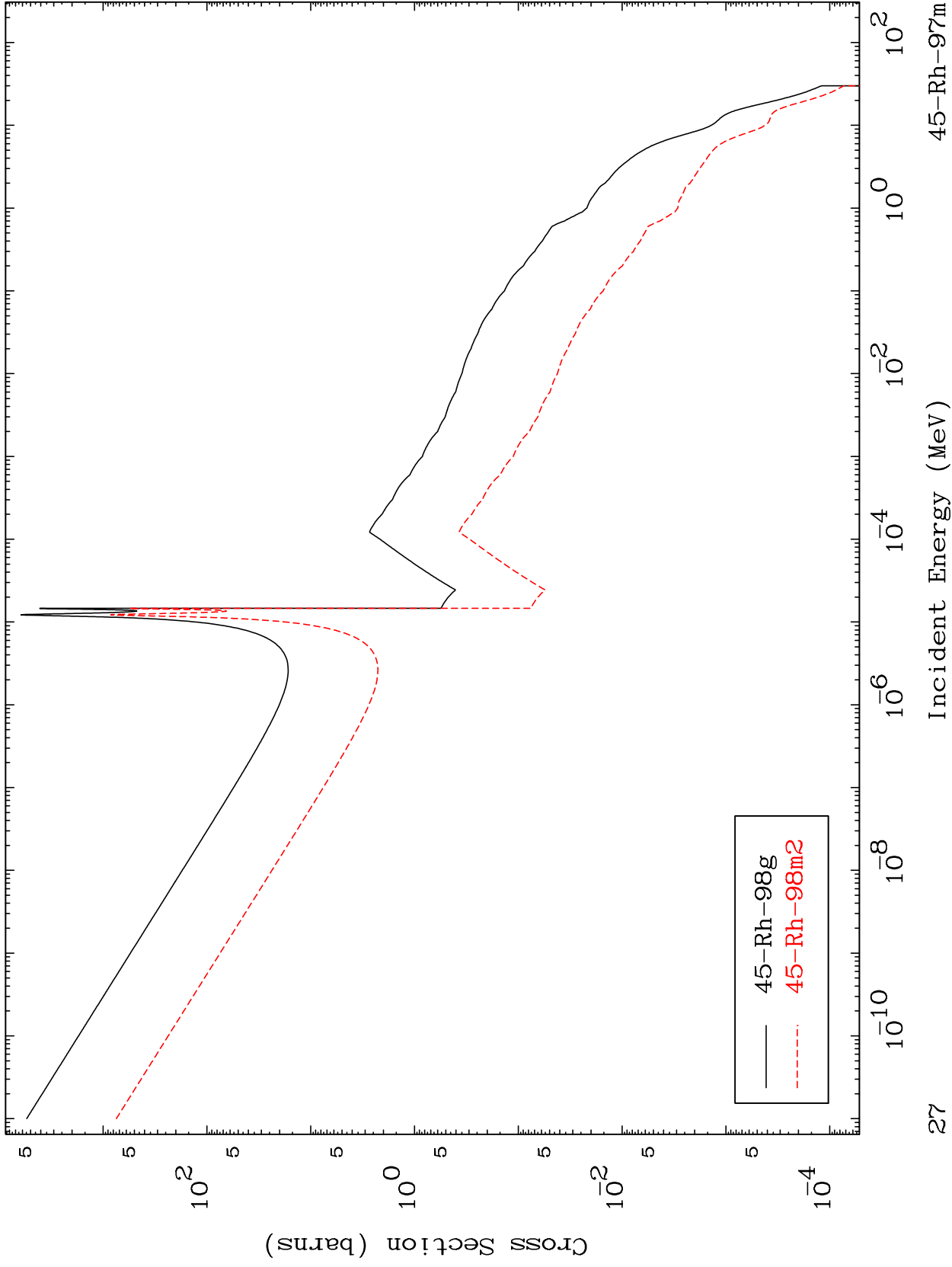
Incident Energy (MeV)

45-Rh-97m

MAT 4508

45-Rh-97m

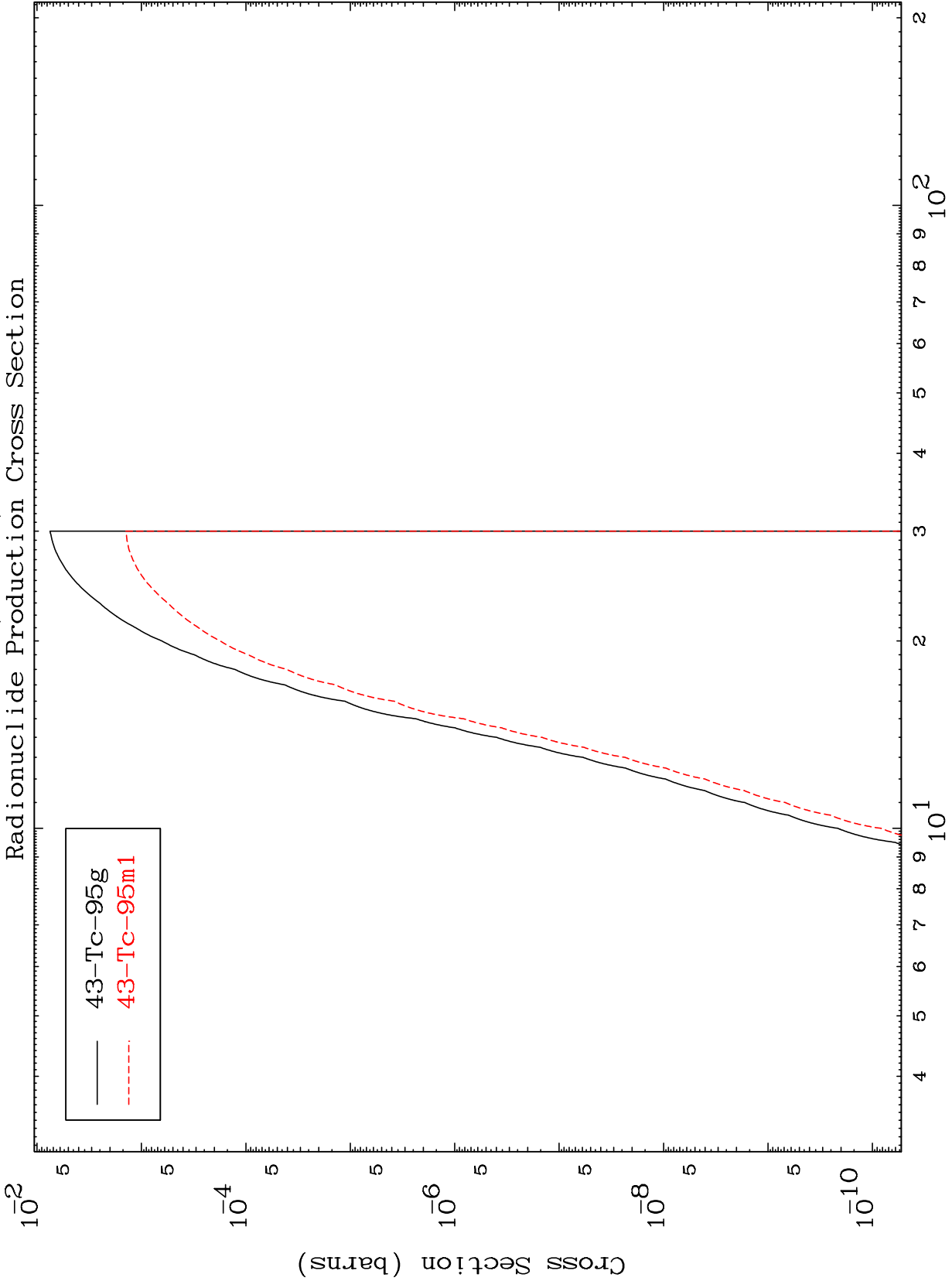
(n, γ)
Radionuclide Production Cross Section



MAT 4508

(n,He-3)

45-Rh-97m



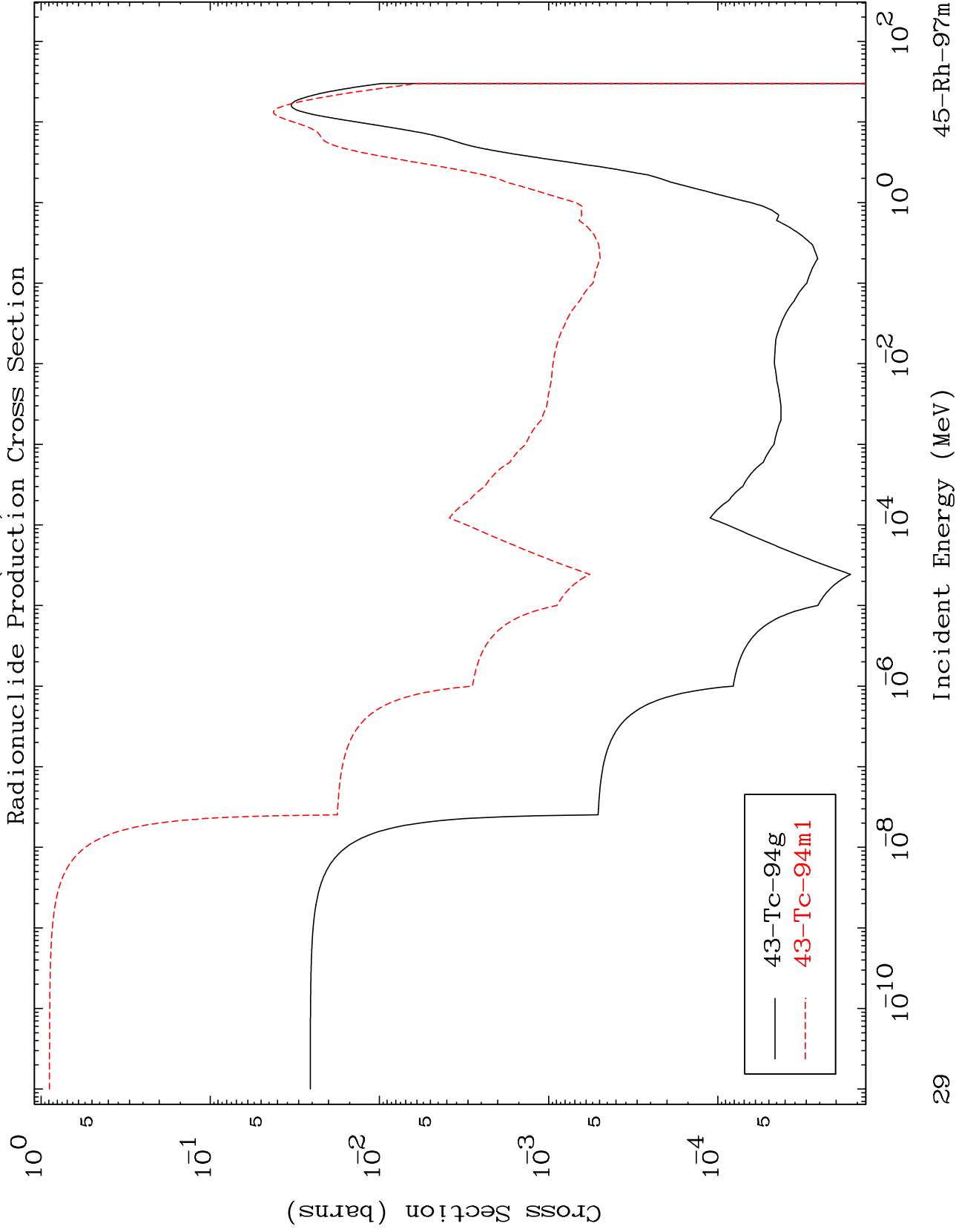
28

Incident Energy (MeV)

45-Rh-97m

MAT 4508

45-Rh-97m

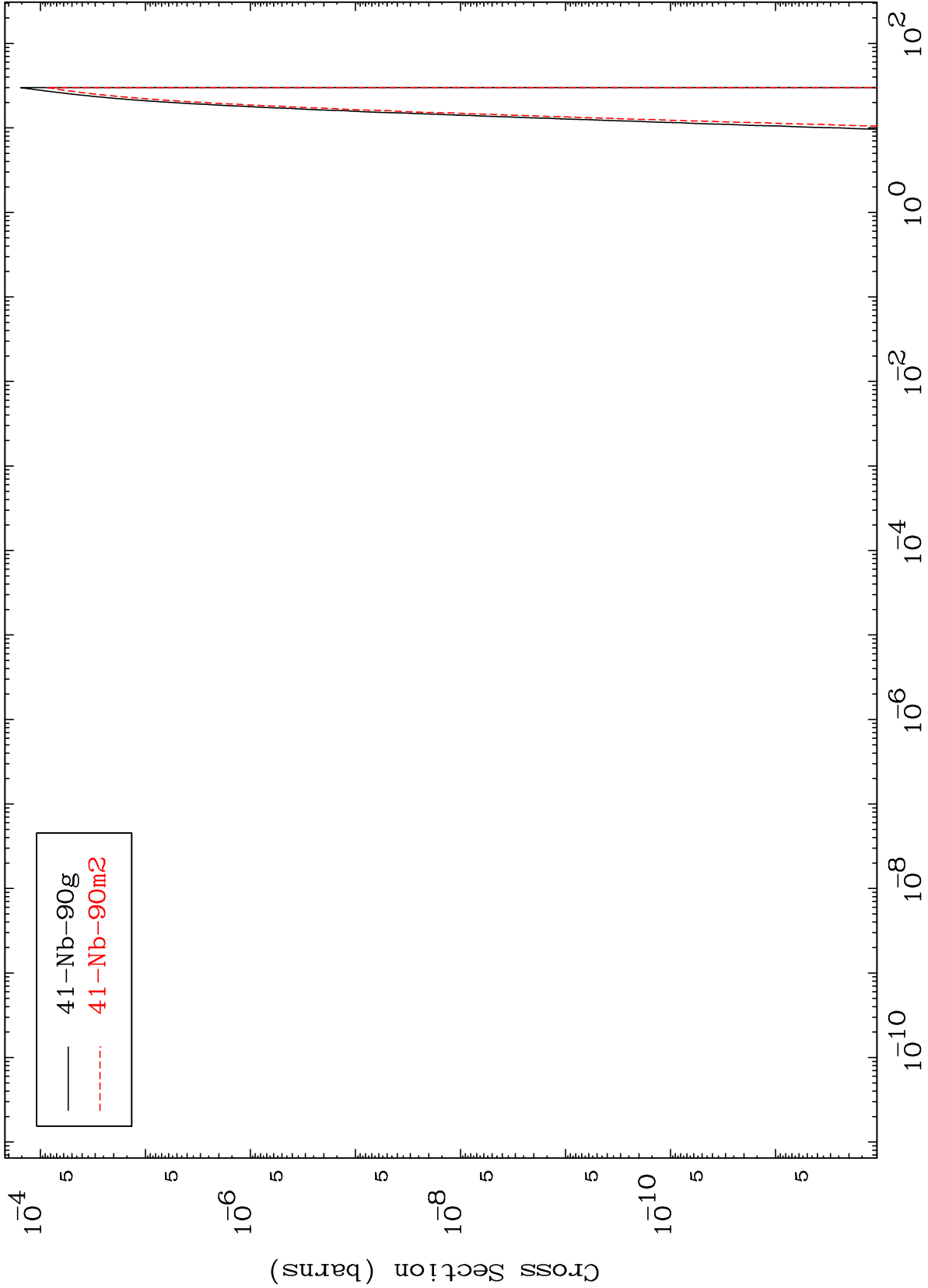


MAT 4508

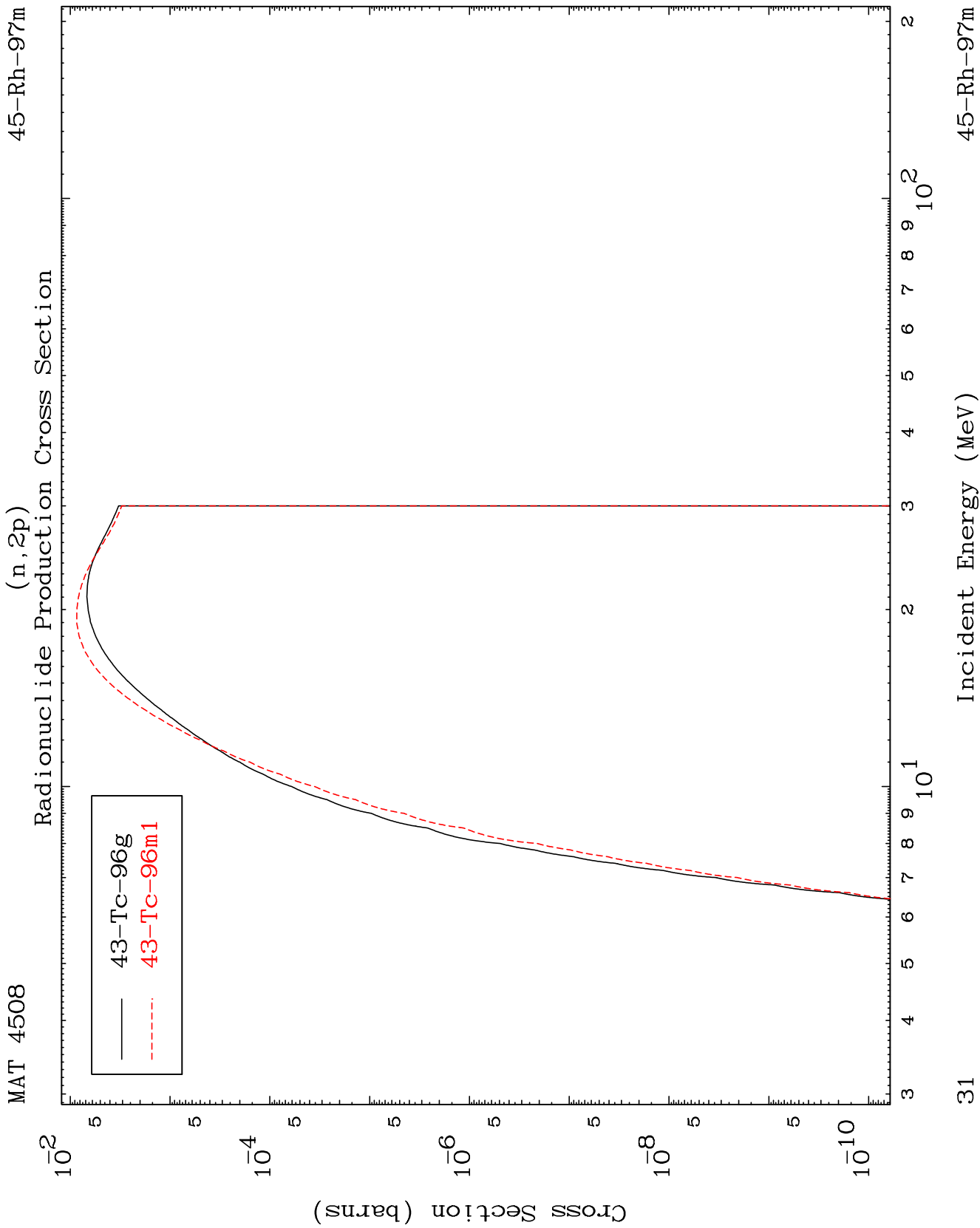
(n,2α)

45-Rh-97m

Radionuclide Production Cross Section



41-Nb-90g
41-Nb-90m2

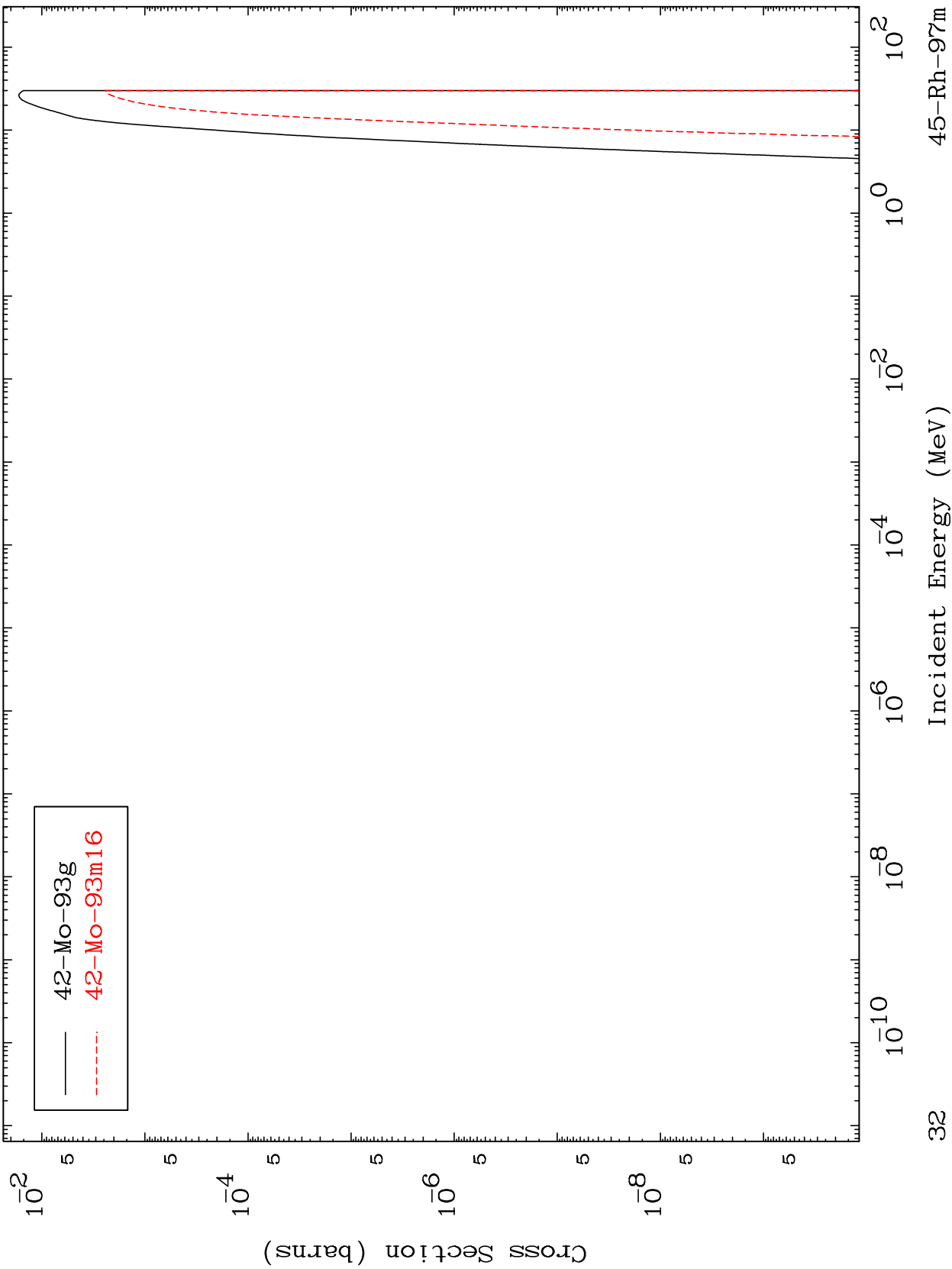


MAT 4508

(n,p) α

45-Rh-97m

Radionuclide Production Cross Section



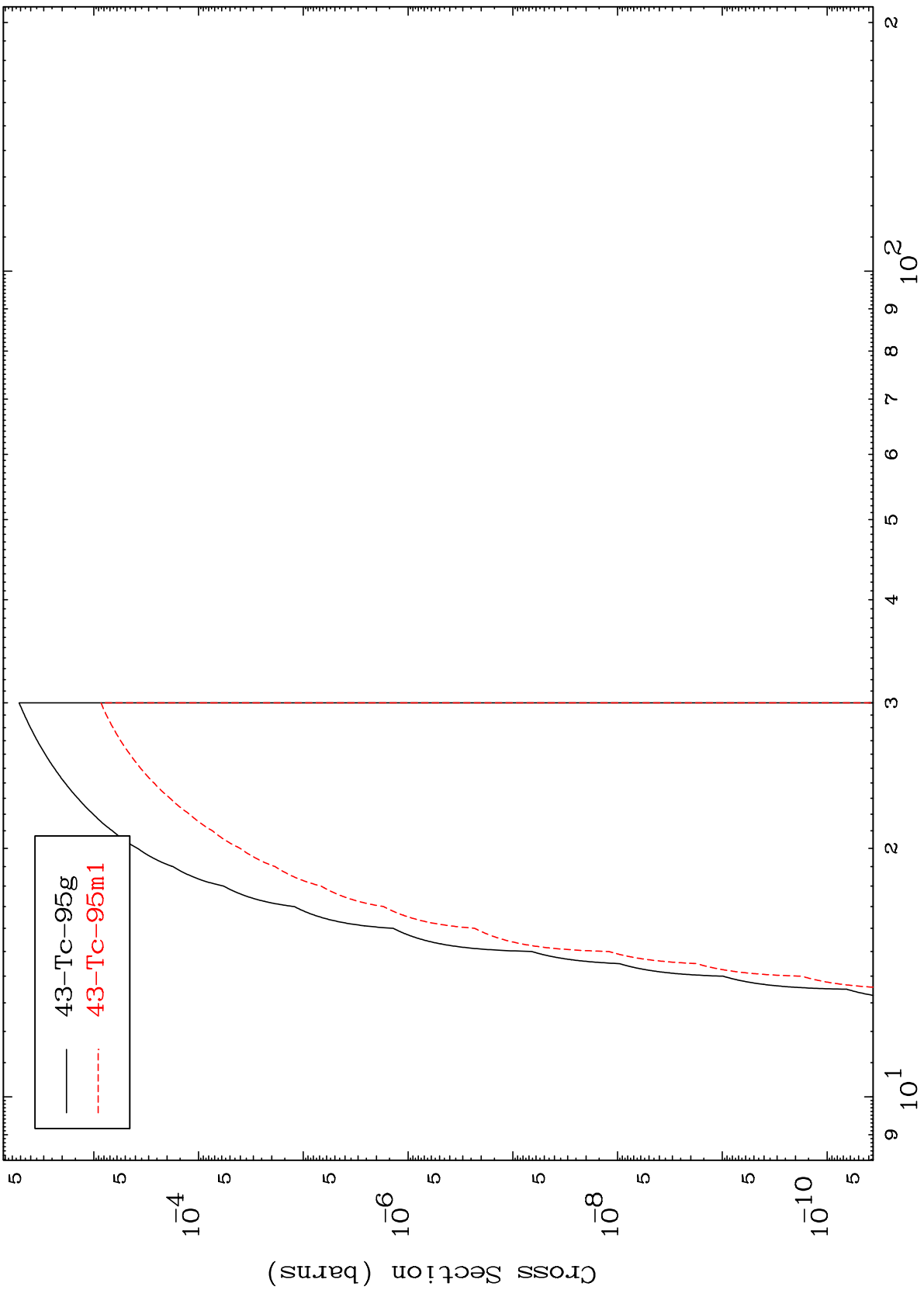
— 42-Mo-93g
- - - 42-Mo-93m16

MAT 4508

(n,p) d

45-Rh-97m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

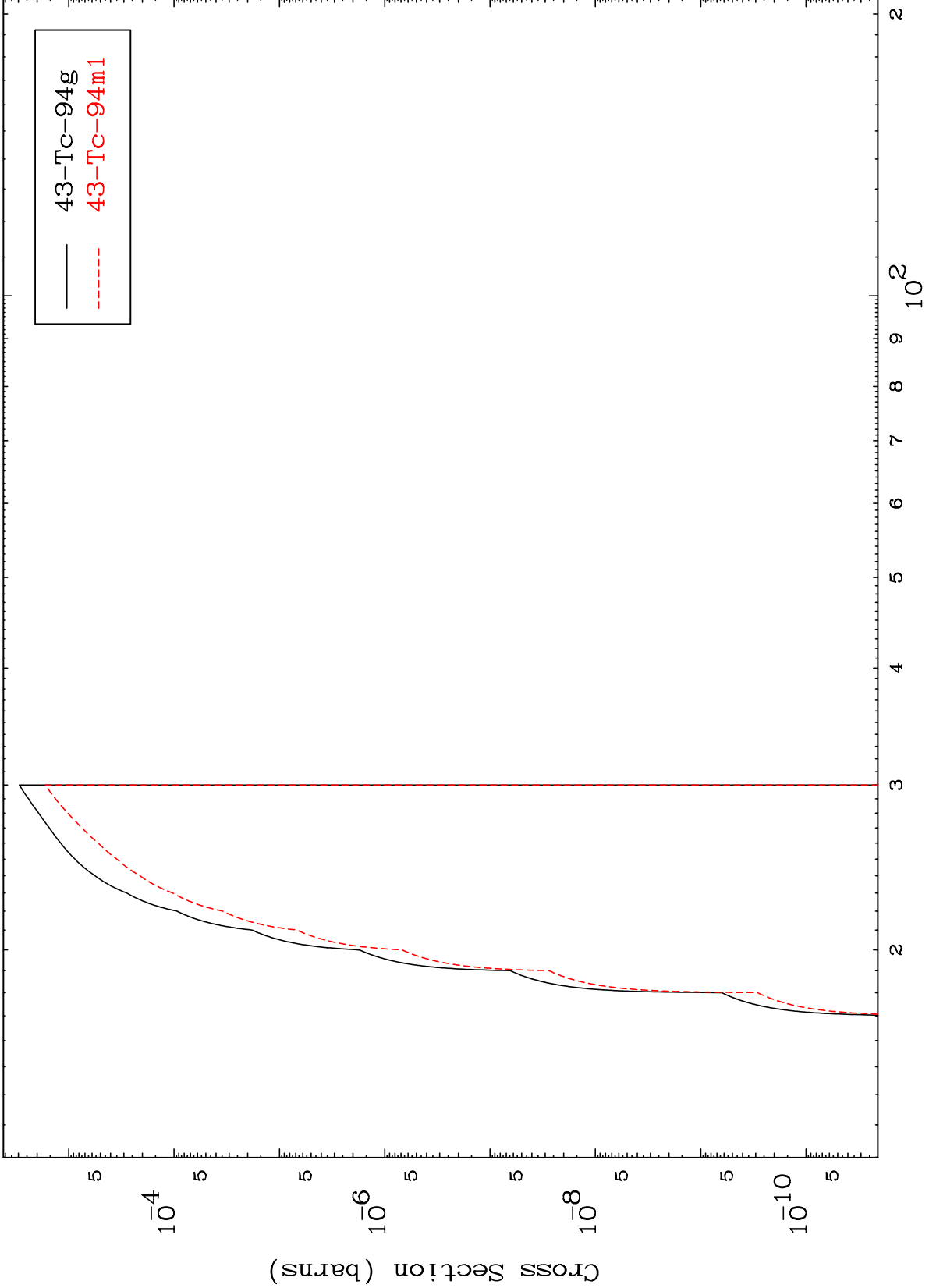
45-Rh-97m

MAT 4508

(n,p) t

45-Rh-97m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

45-Rh-97m