

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

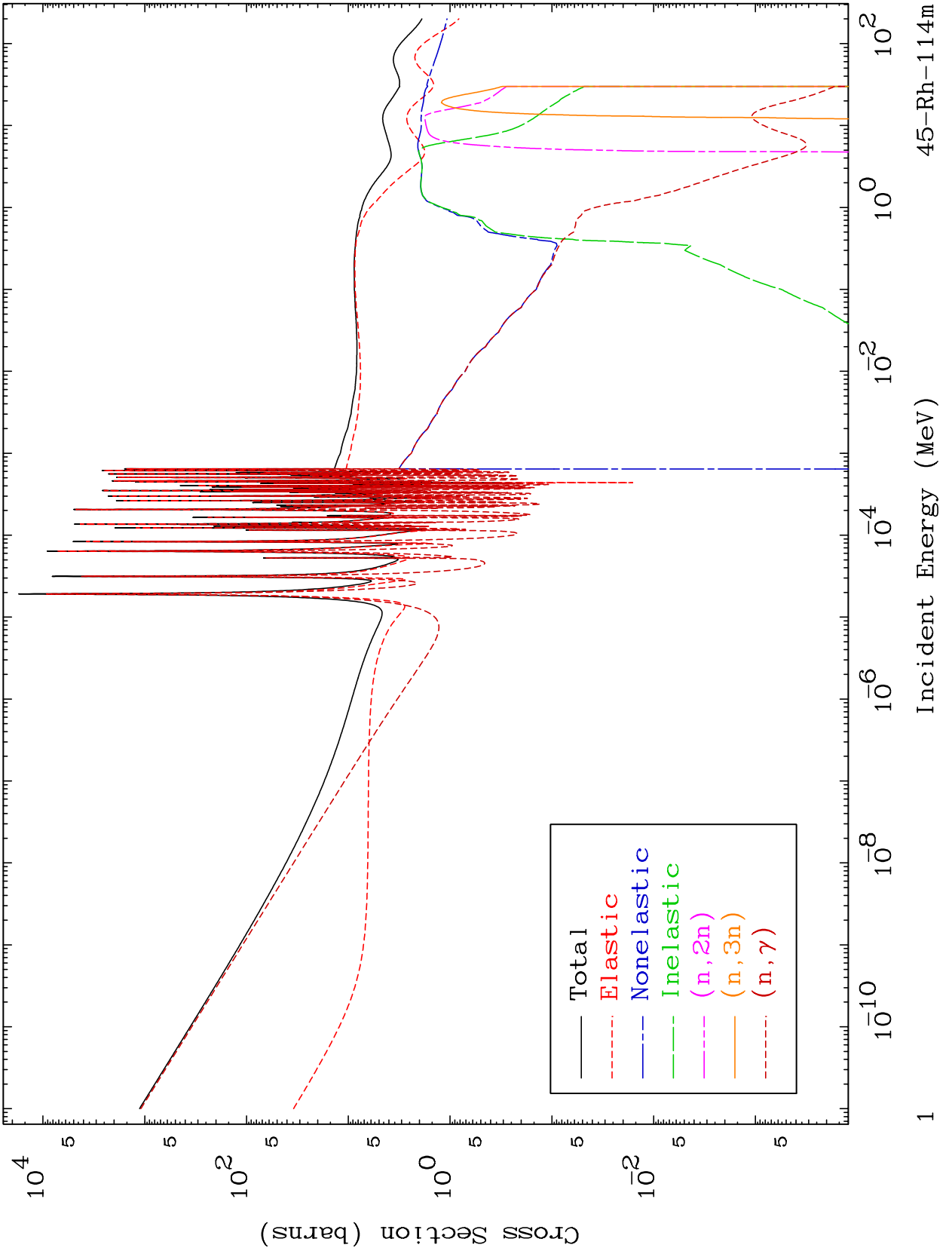
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4559

Neutron Major
293 Kelvin Cross Sections

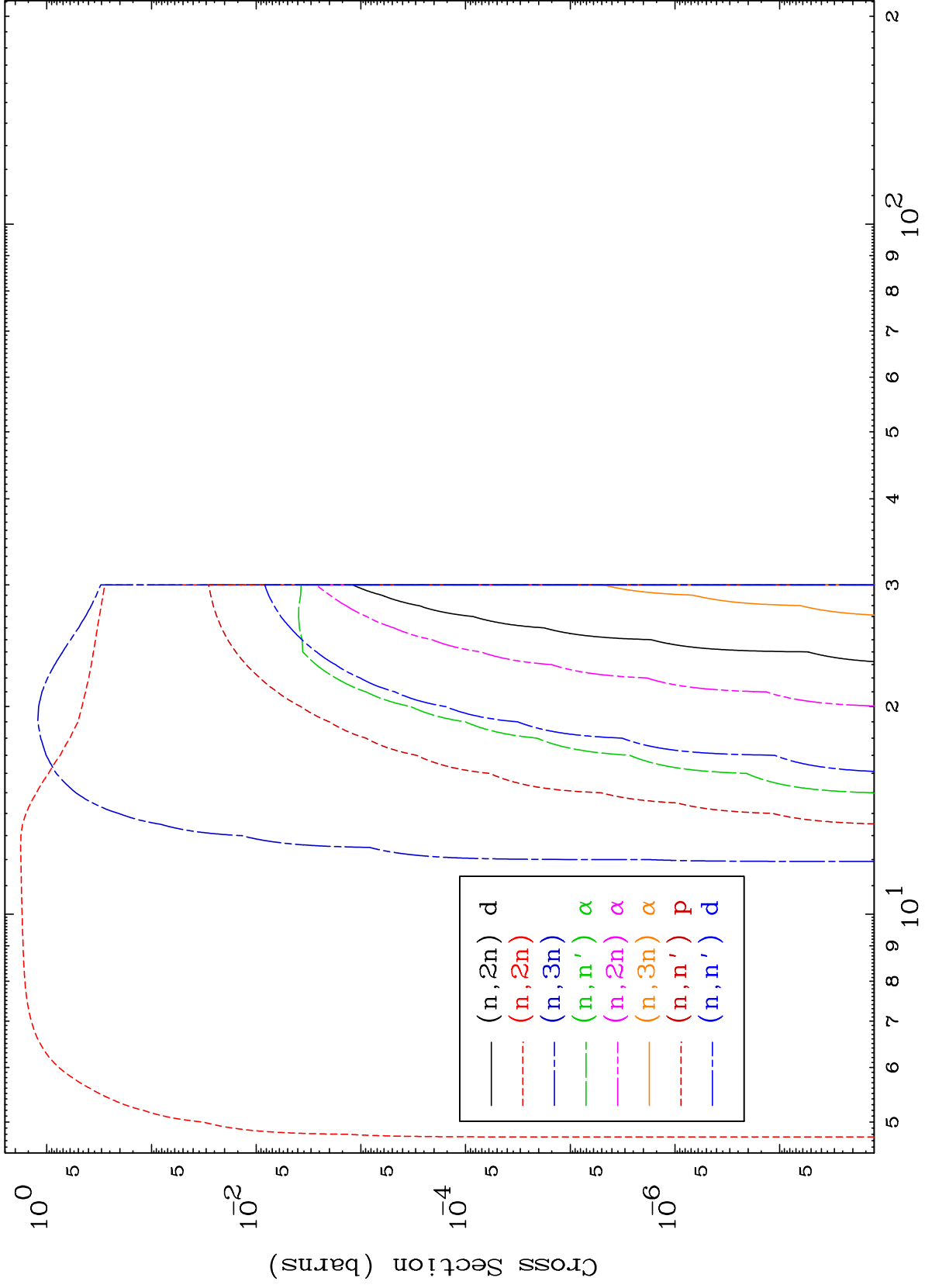
45-Rh-114m



MAT 4559

Neutron Absorption
293 Kelvin Cross Sections

45-Rh-114m



2

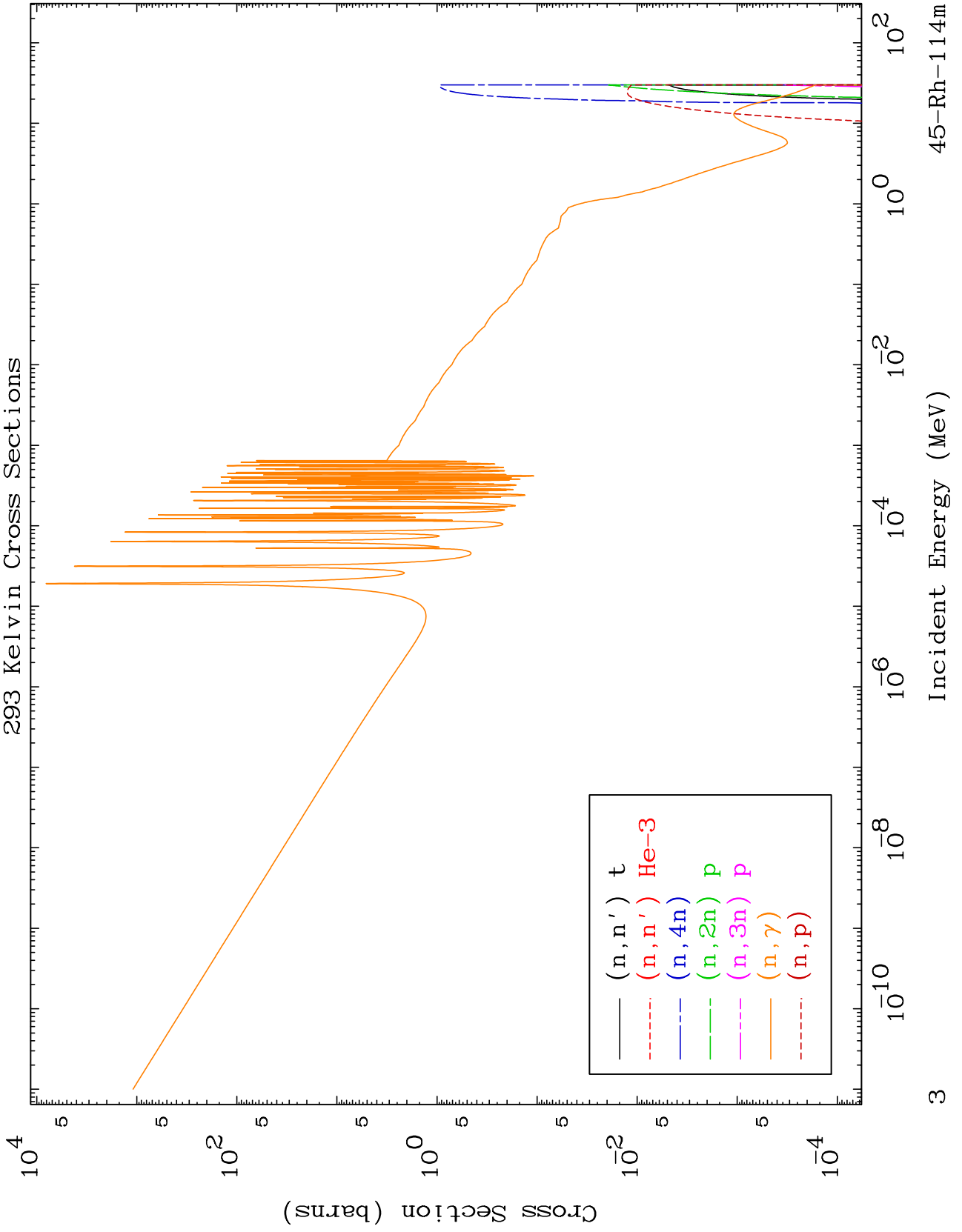
Incident Energy (MeV)

45-Rh-114m

MAT 4559

Neutron Absorption
293 Kelvin Cross Sections

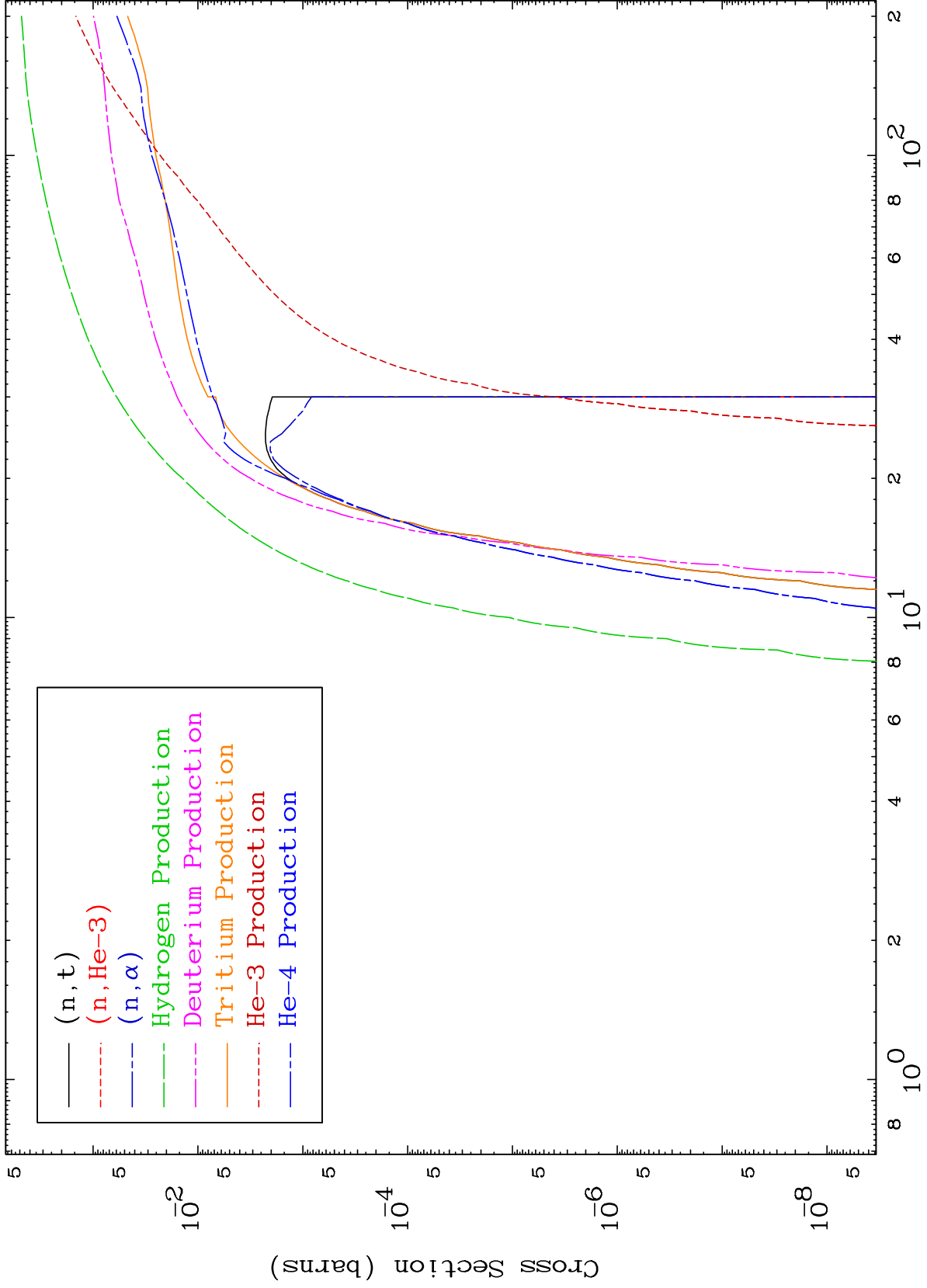
45-Rh-114m



MAT 4559

Neutron Absorption
293 Kelvin Cross Sections

45-Rh-114m



45-Rh-114m

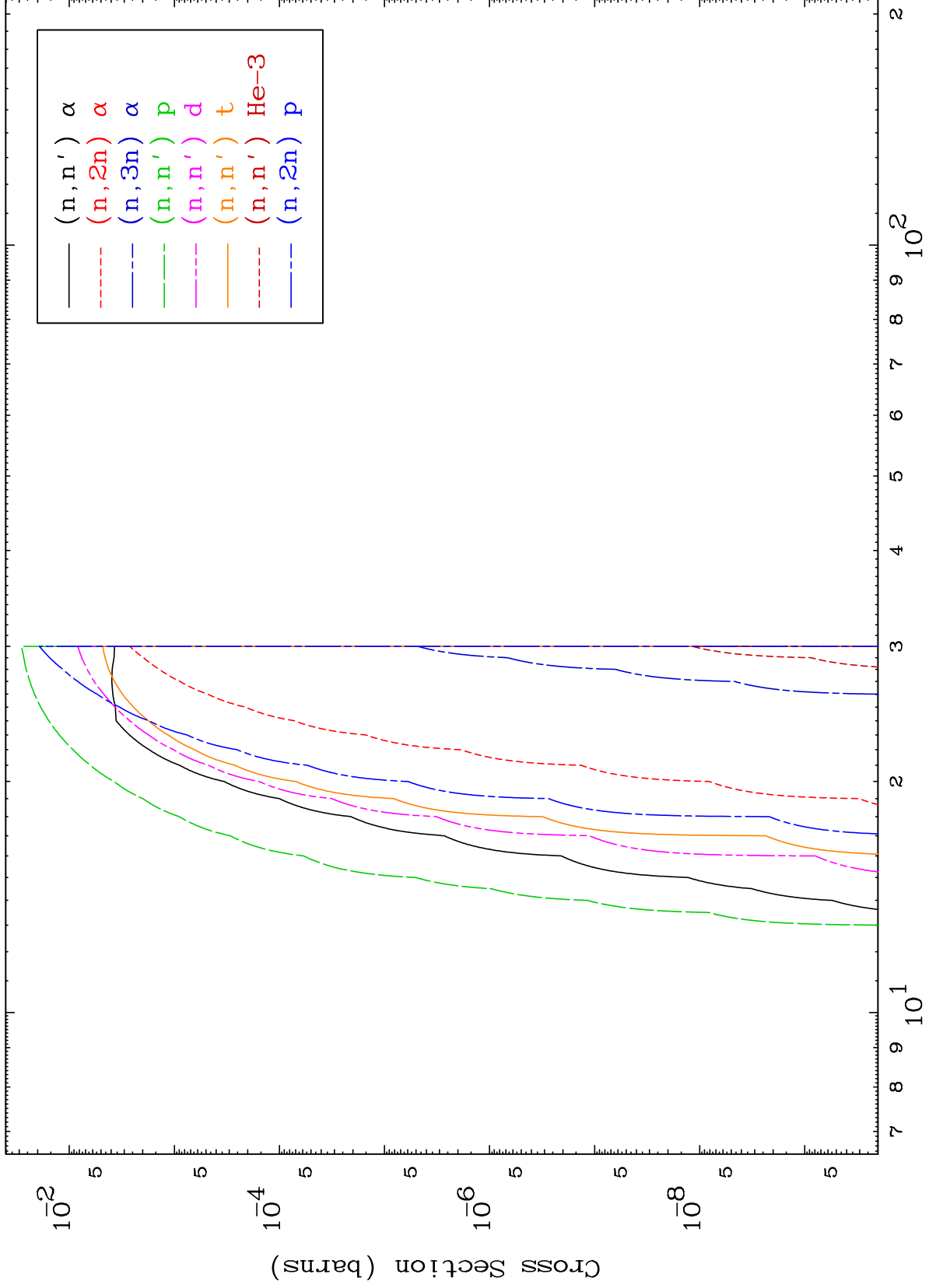
Incident Energy (MeV)

4

MAT 4559

Charged Particle
293 Kelvin Cross Sections

45-Rh-114m



5

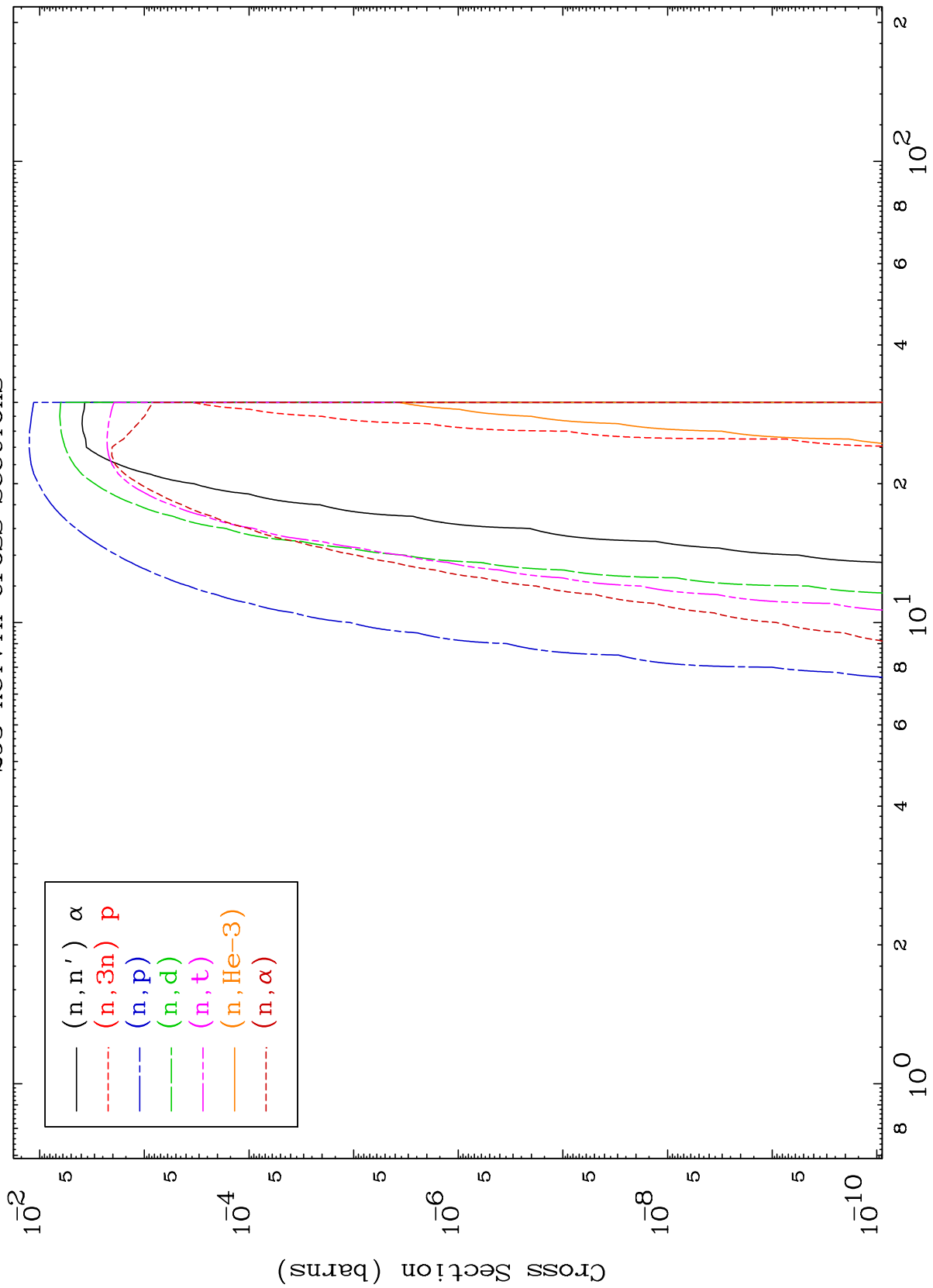
Incident Energy (MeV)

45-Rh-114m

MAT 4559

Charged Particle
293 Kelvin Cross Sections

45-Rh-114m



45-Rh-114m

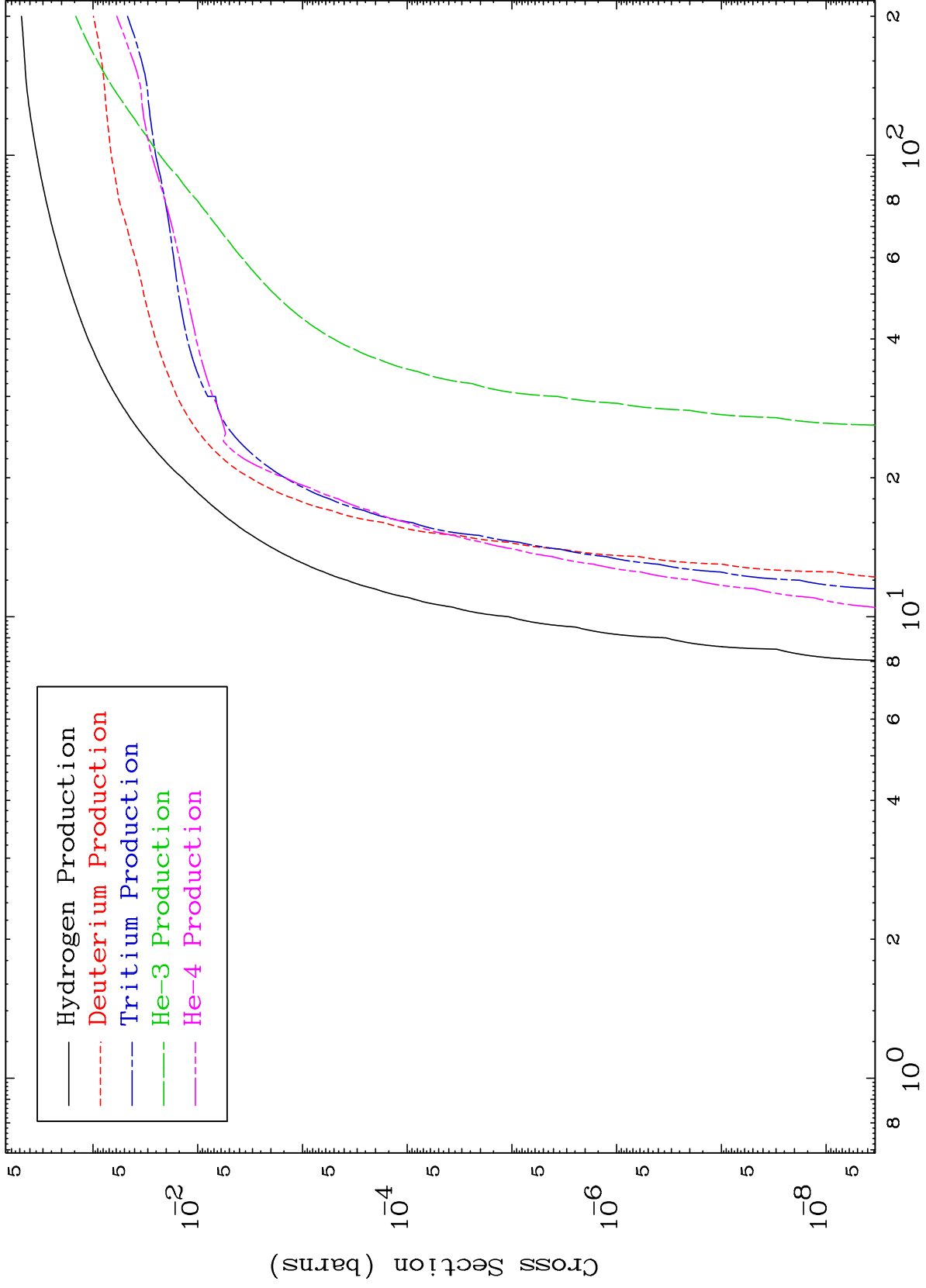
Incident Energy (MeV)

6

MAT 4559

Particle Production
293 Kelvin Cross Sections

45-Rh-114m



7

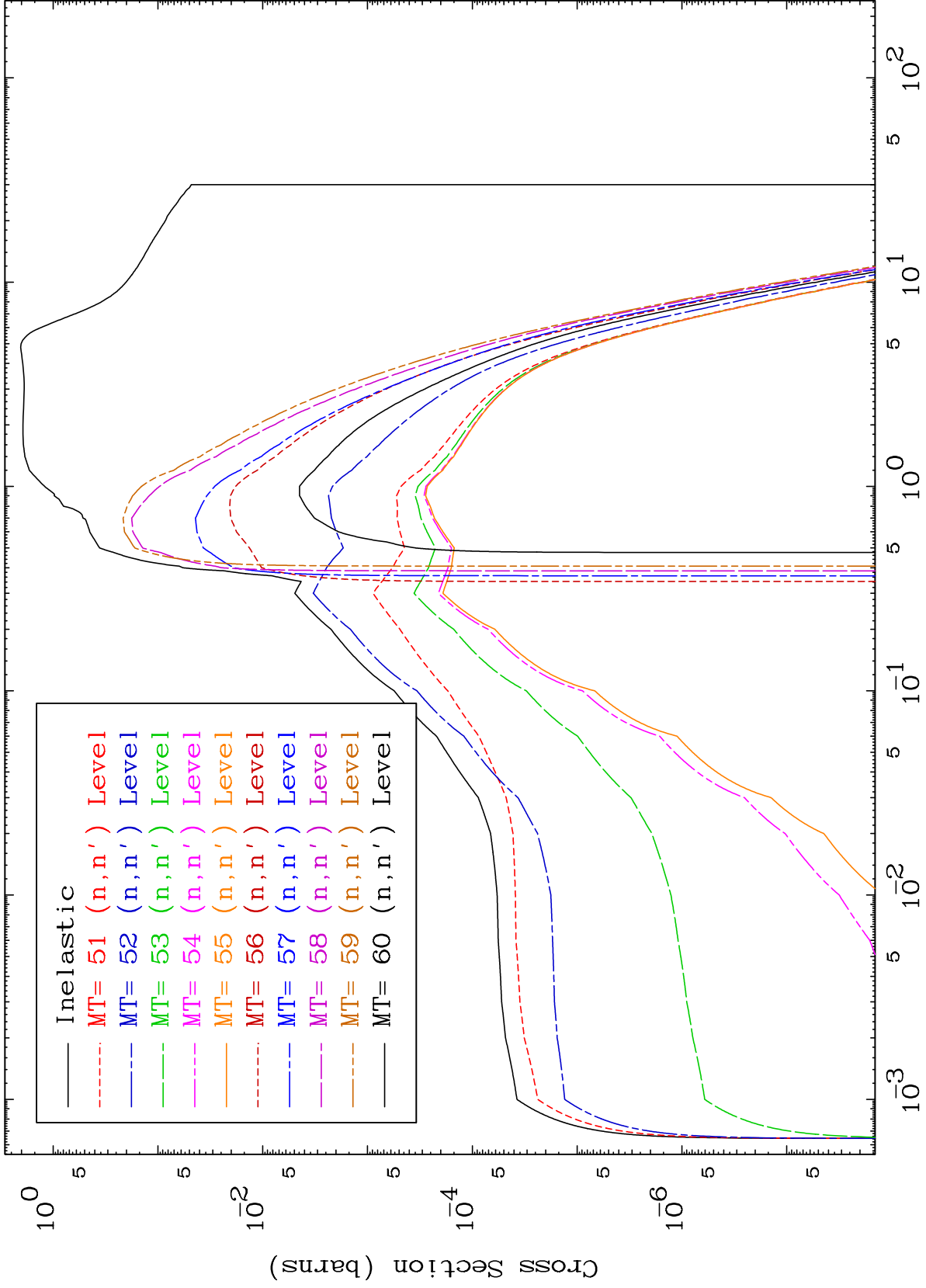
Incident Energy (MeV)

45-Rh-114m

MAT 4559

293 Kelvin Cross Sections
(n,n') Levels

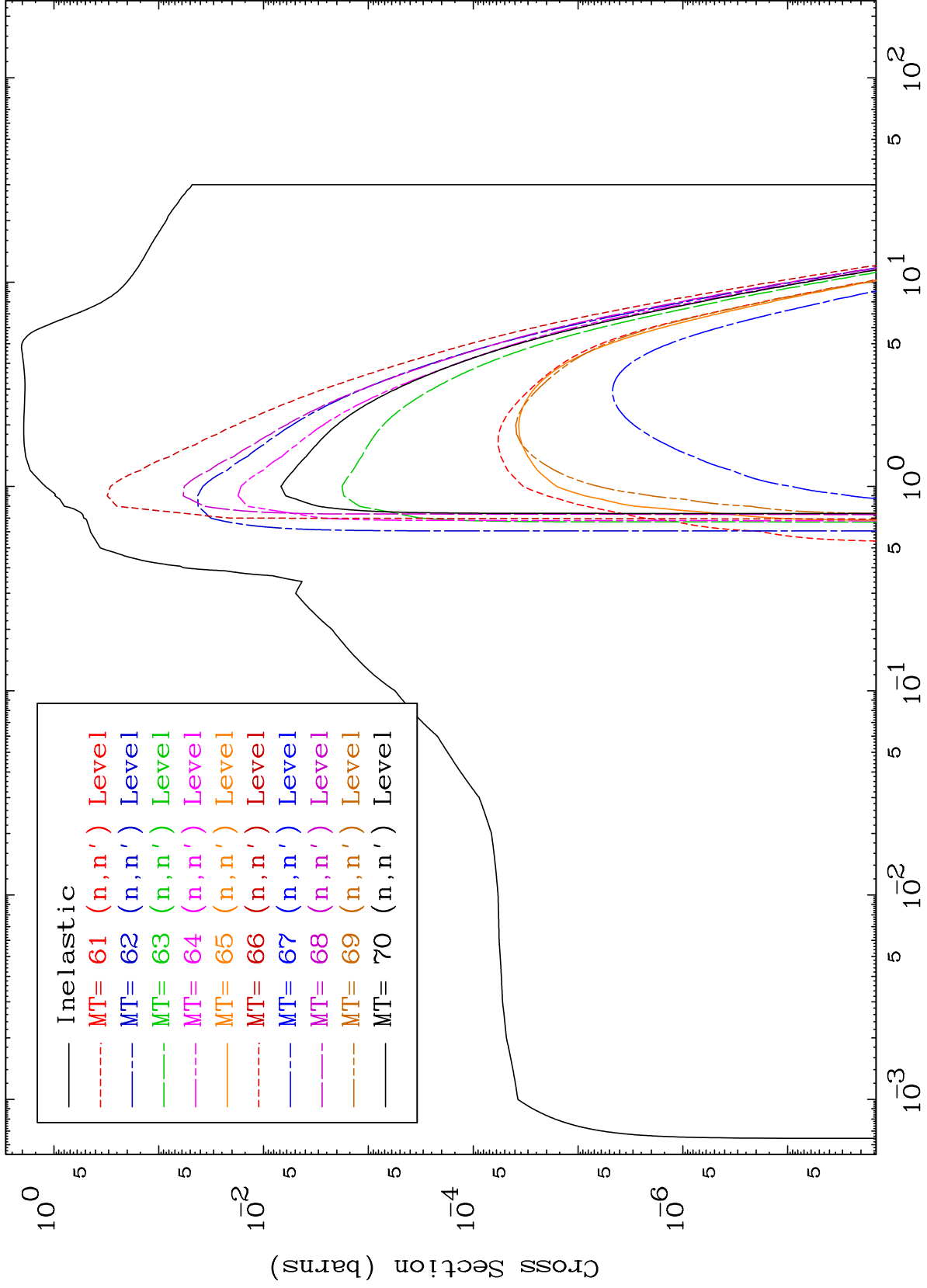
45-Rh-114m



MAT 4559

(n,n') Levels
293 Kelvin Cross Sections

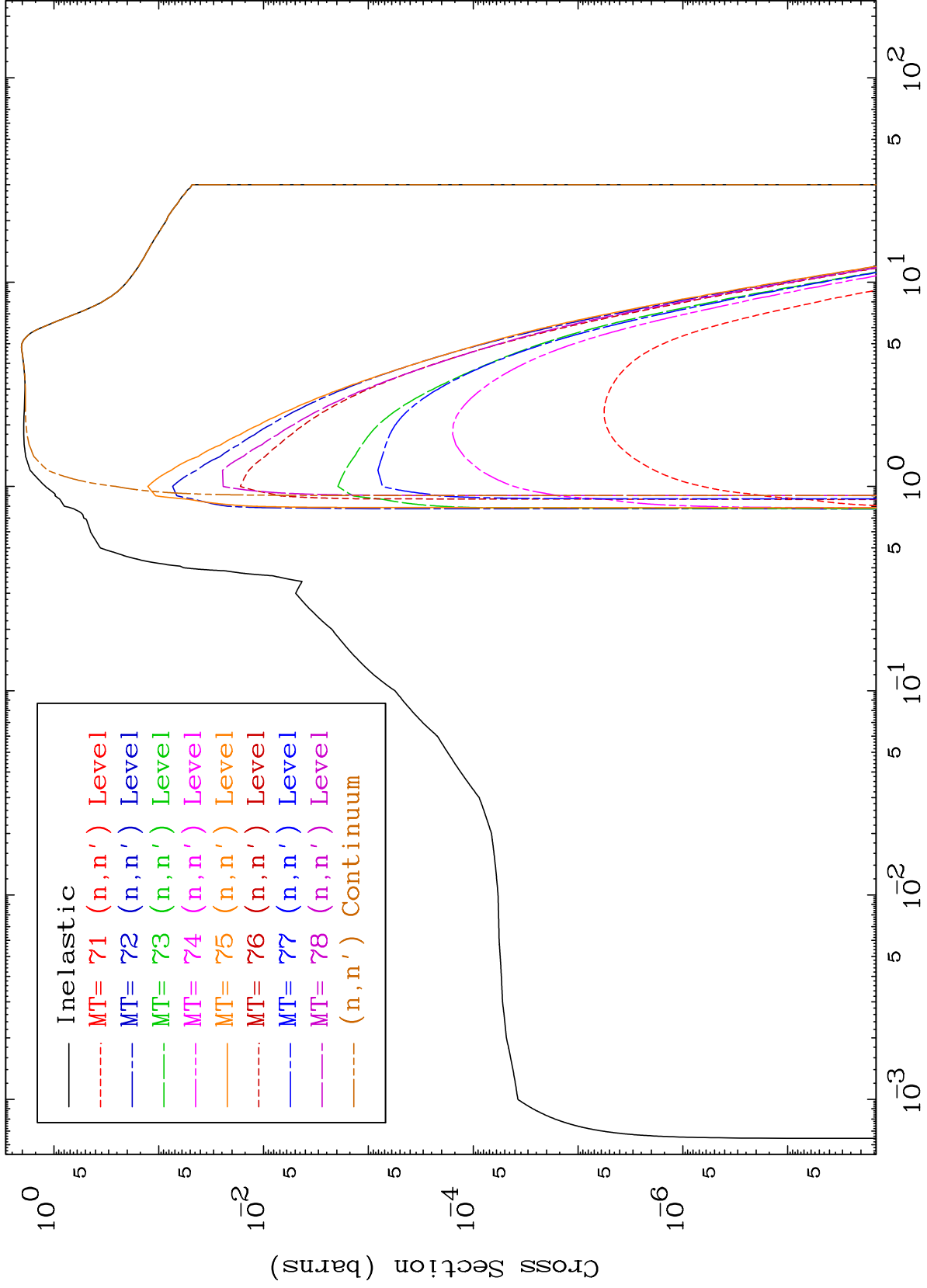
45-Rh-114m



MAT 4559

(n,n') Levels
293 Kelvin Cross Sections

45-Rh-114m



45-Rh-114m

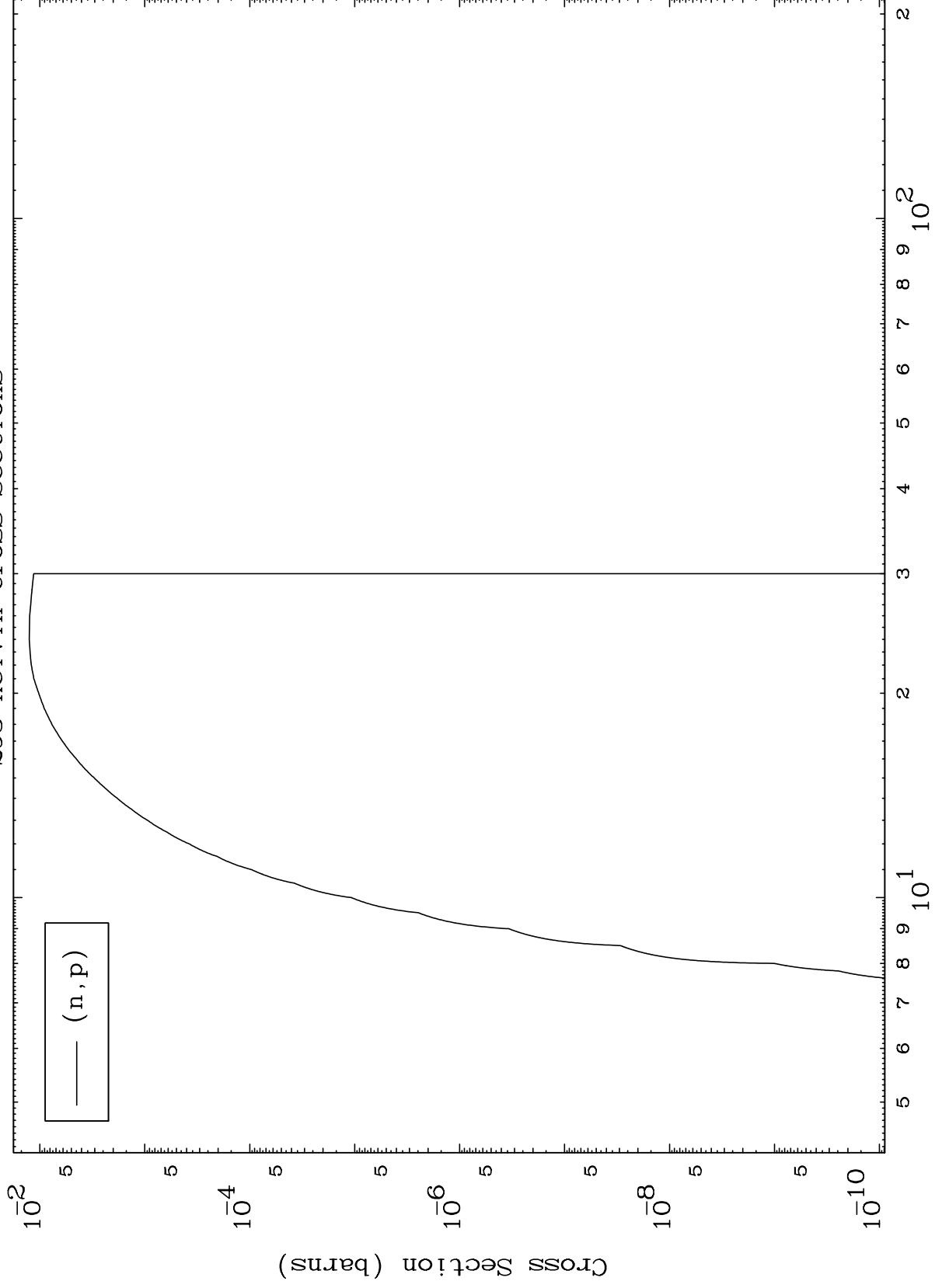
Incident Energy (MeV)

10

MAT 4559

(n,p) Levels
293 Kelvin Cross Sections

45-Rh-114m



11

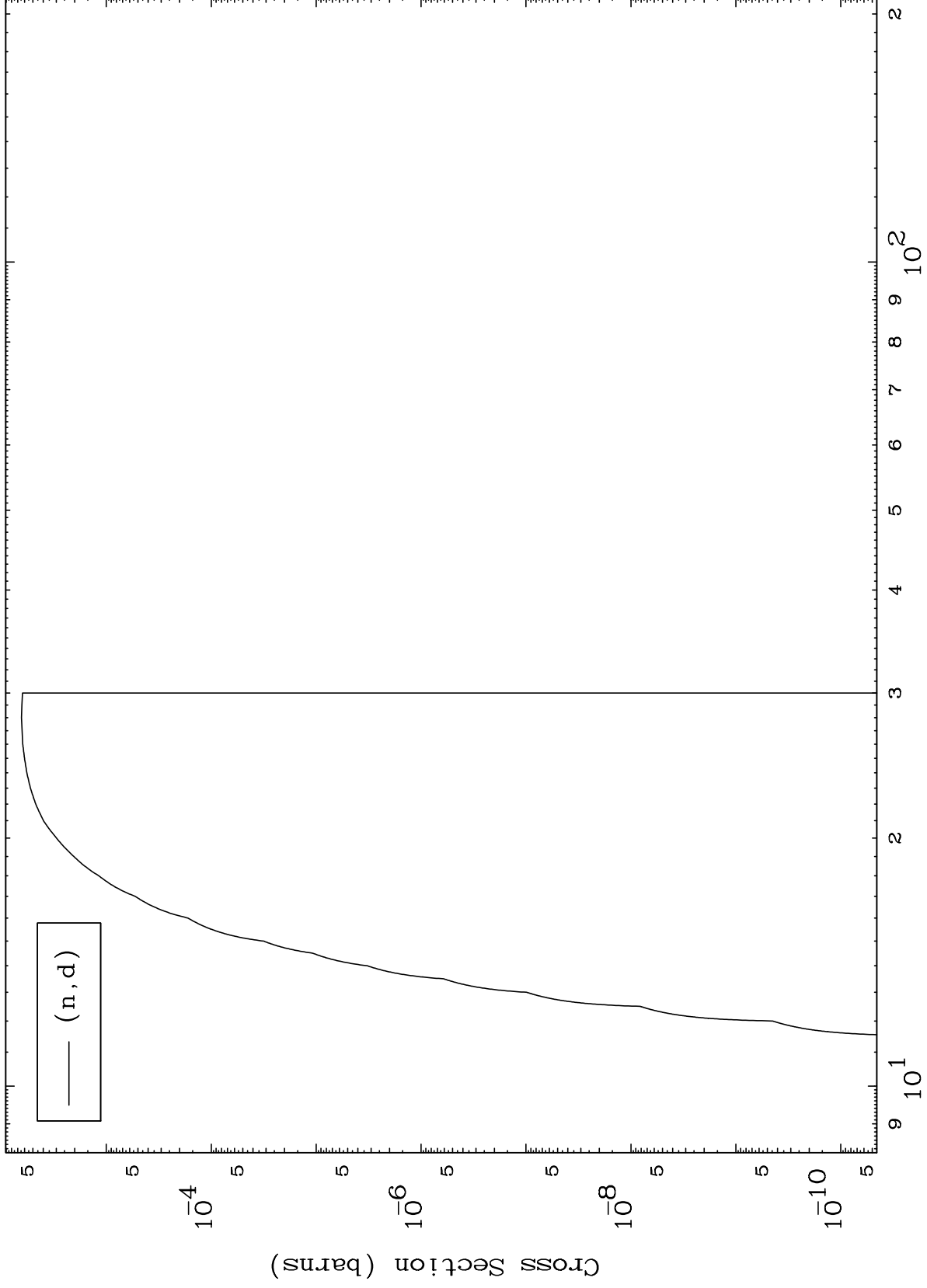
Incident Energy (MeV)

45-Rh-114m

MAT 4559

(n,d) Levels
293 Kelvin Cross Sections

45-Rh-114m



12

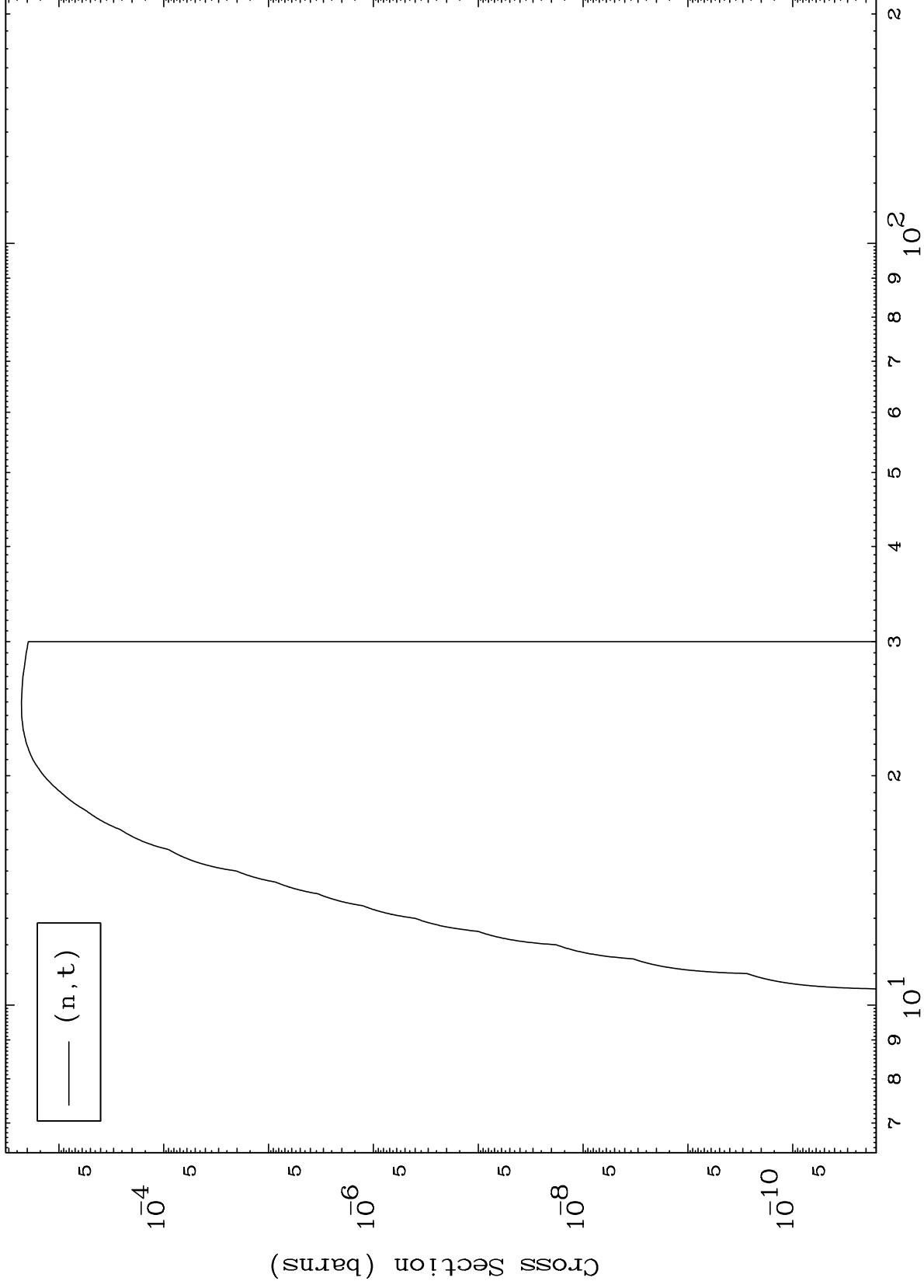
Incident Energy (MeV)

45-Rh-114m

MAT 4559

(n,t) Levels
293 Kelvin Cross Sections

45-Rh-114m



13

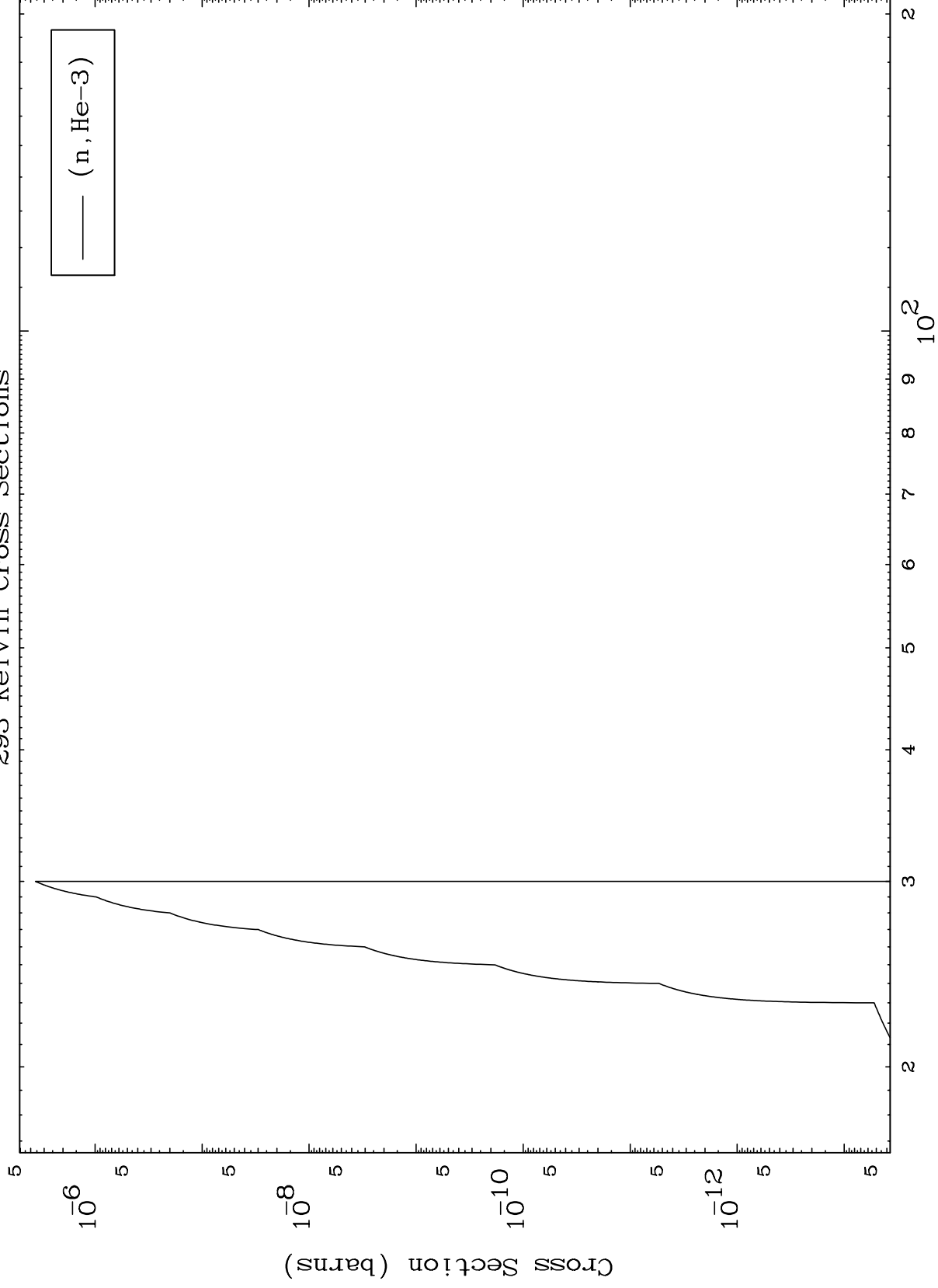
Incident Energy (MeV)

45-Rh-114m

MAT 4559

(n,He3) Levels
293 Kelvin Cross Sections

45-Rh-114m



14

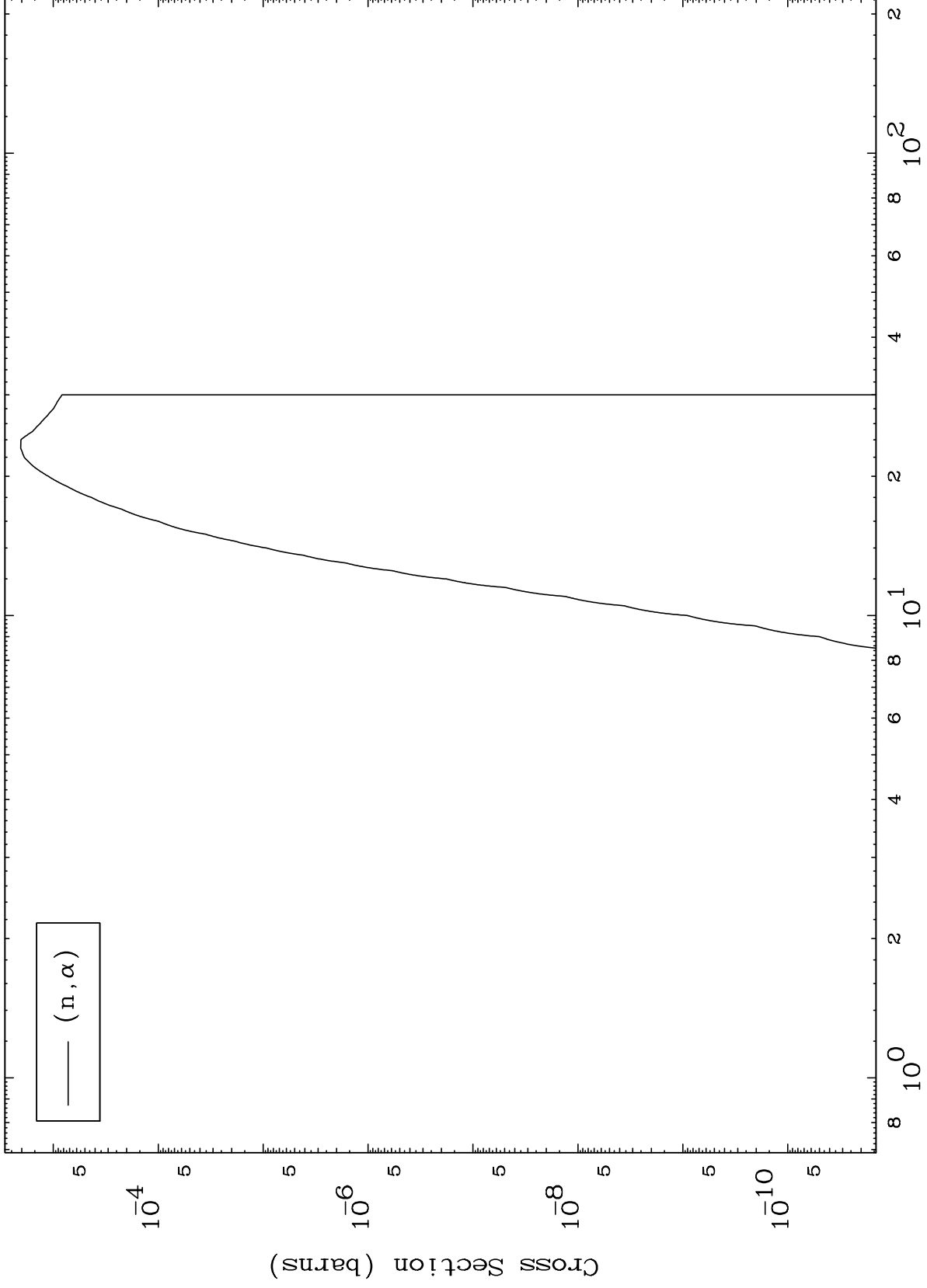
Incident Energy (MeV)

45-Rh-114m

MAT 4559

(n, α) Levels
293 Kelvin Cross Sections

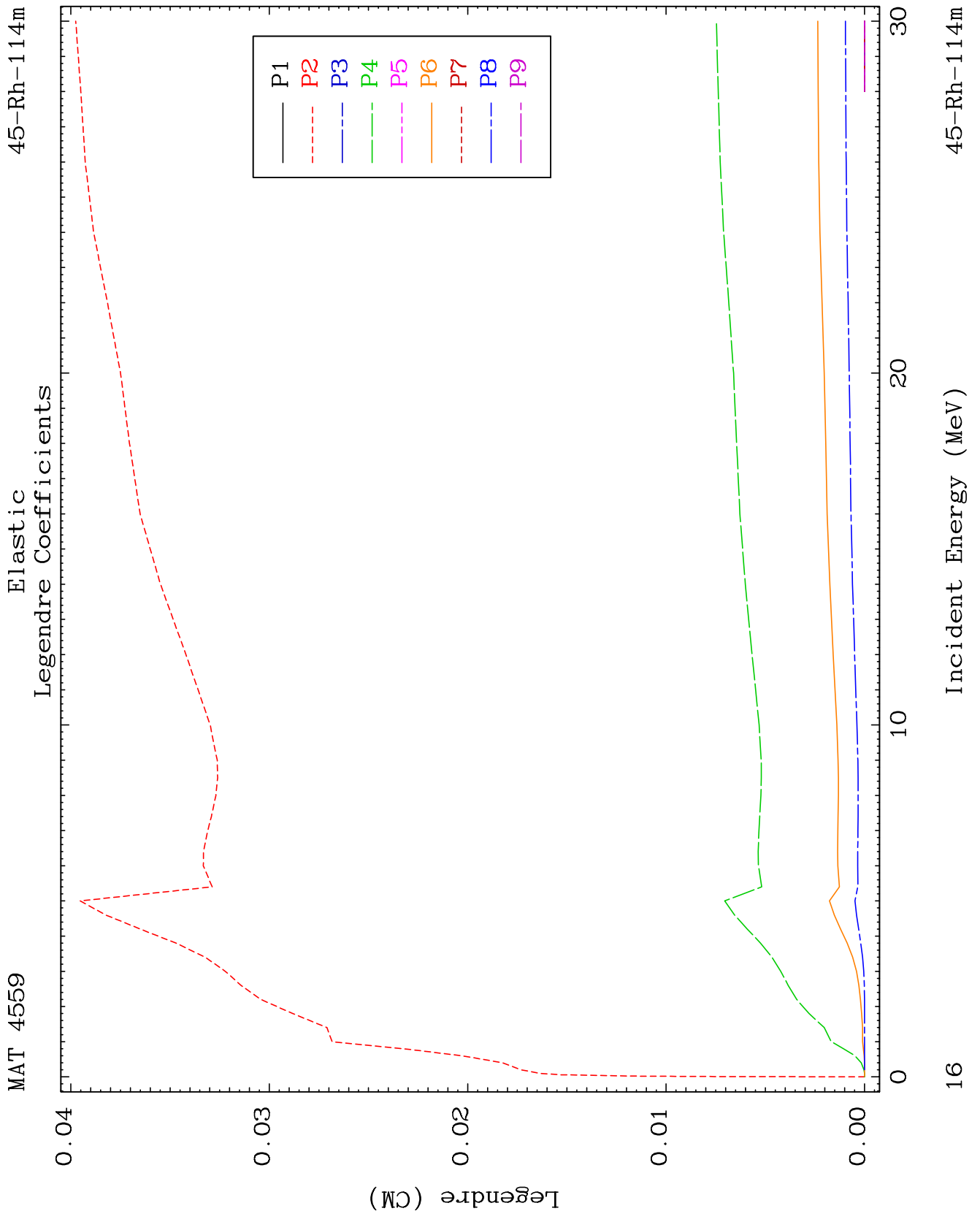
45-Rh-114m



15

Incident Energy (MeV)

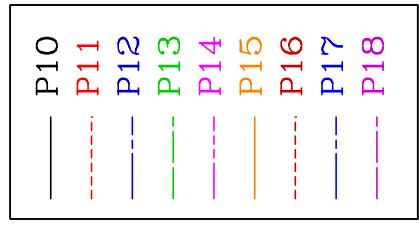
45-Rh-114m



MAT 4559

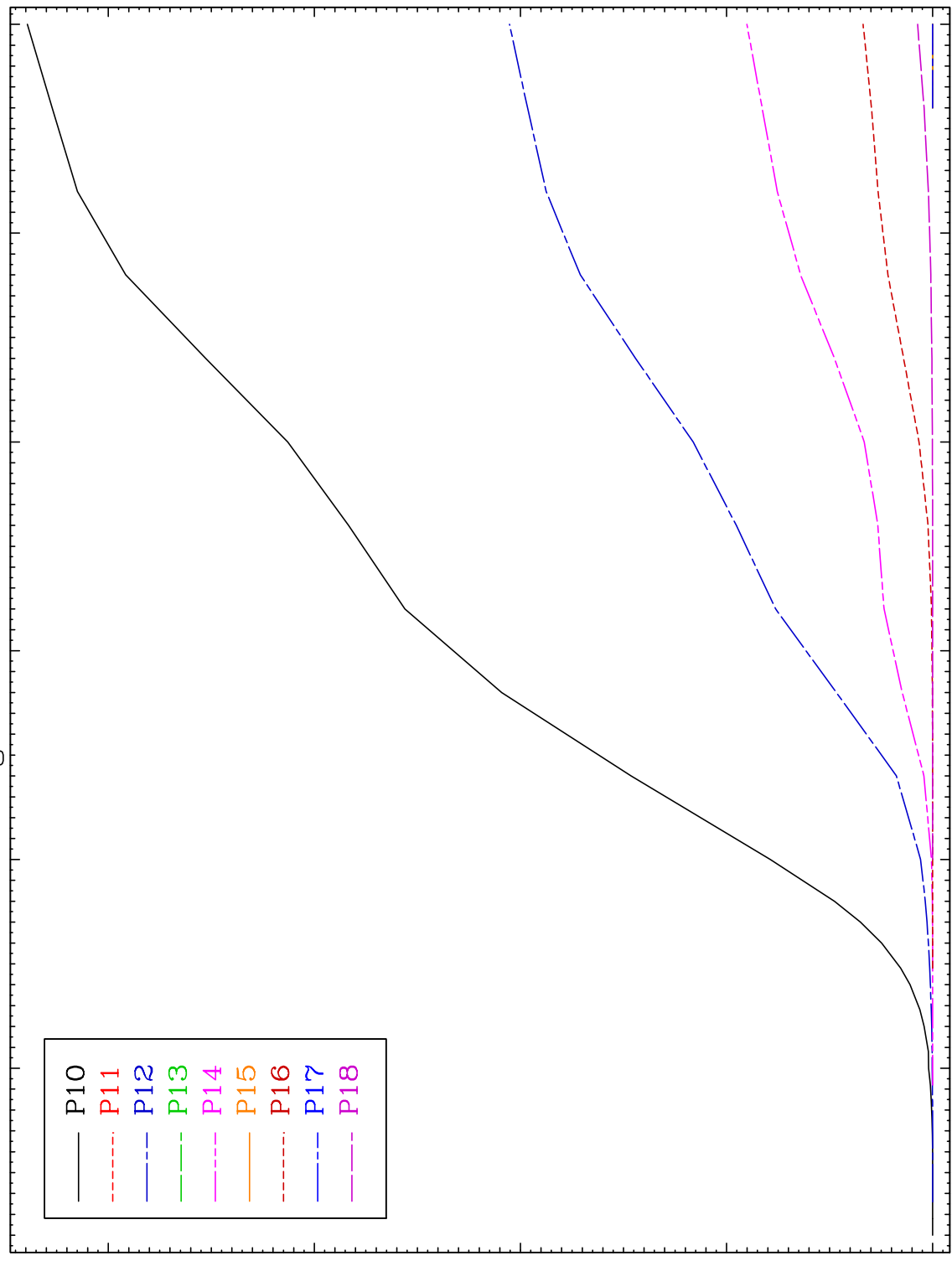
Elastic Legendre Coefficients

45-Rh-114m



$\times 10^{-4}$

Legendre (CM)



17

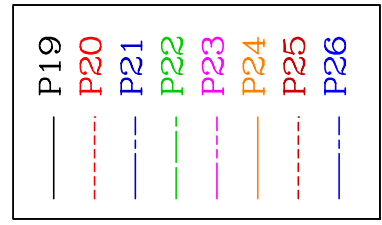
Incident Energy (MeV)

45-Rh-114m

MAT 4559

Elastic
Legendre Coefficients

45-Rh-114m



$\times 10^{-7}$

Legendre (CM)

3

2

1

0

15

20

25

30

18

Incident Energy (MeV)

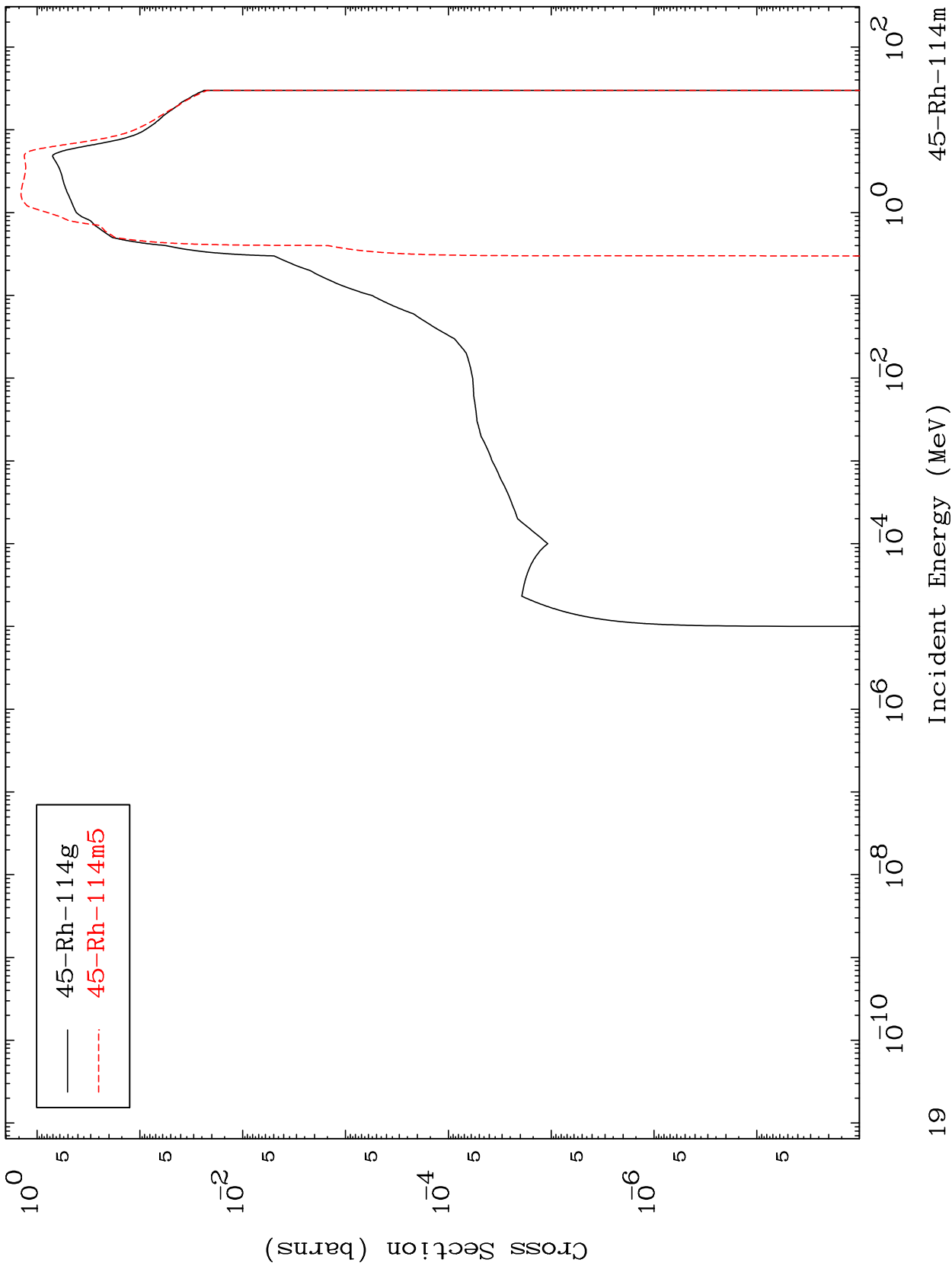
45-Rh-114m

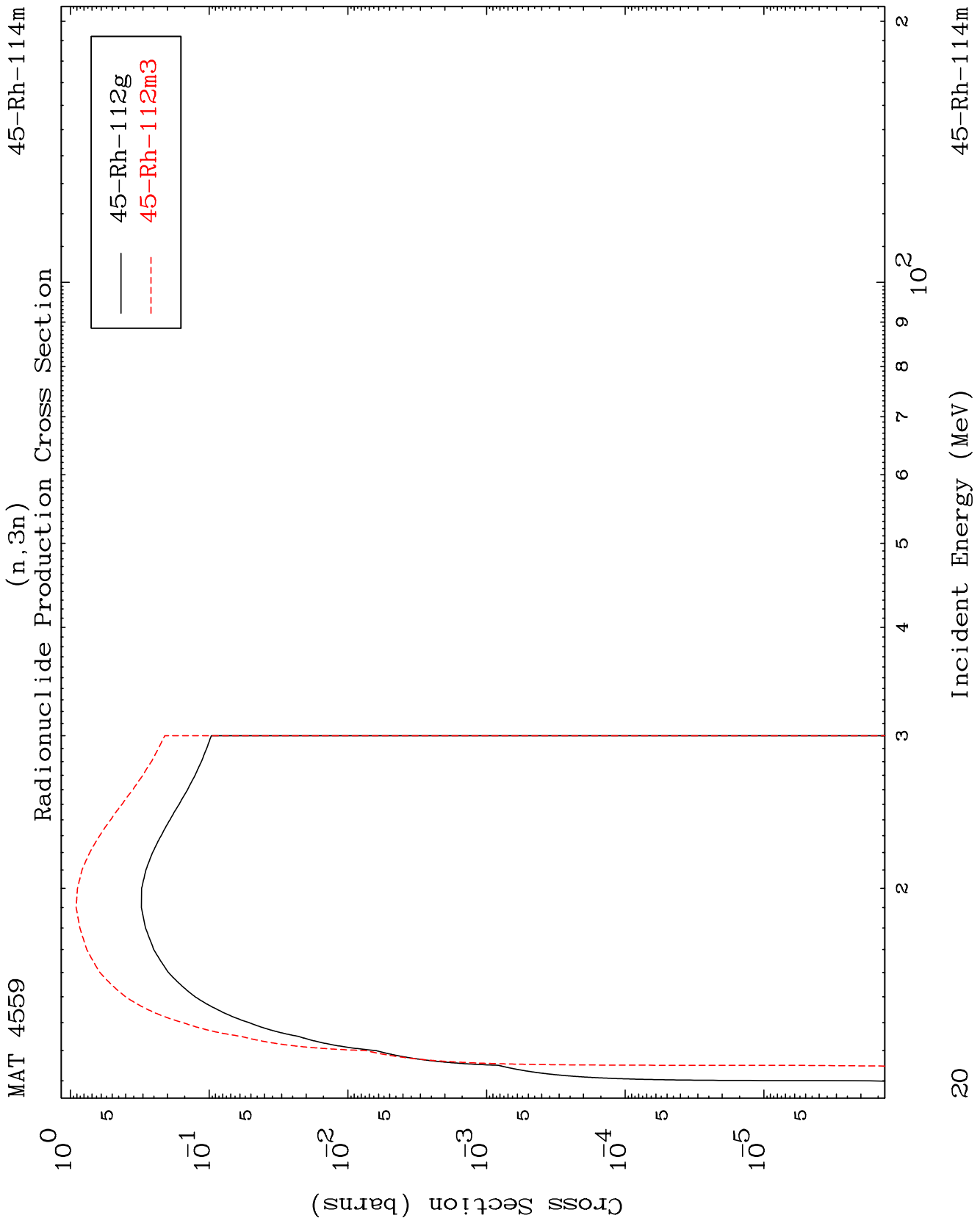


MAT 4559

Inelastic
Radionuclide Production Cross Section

45-Rh-114m





— 45-Rh-112g
 - - - 45-Rh-112m3