

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

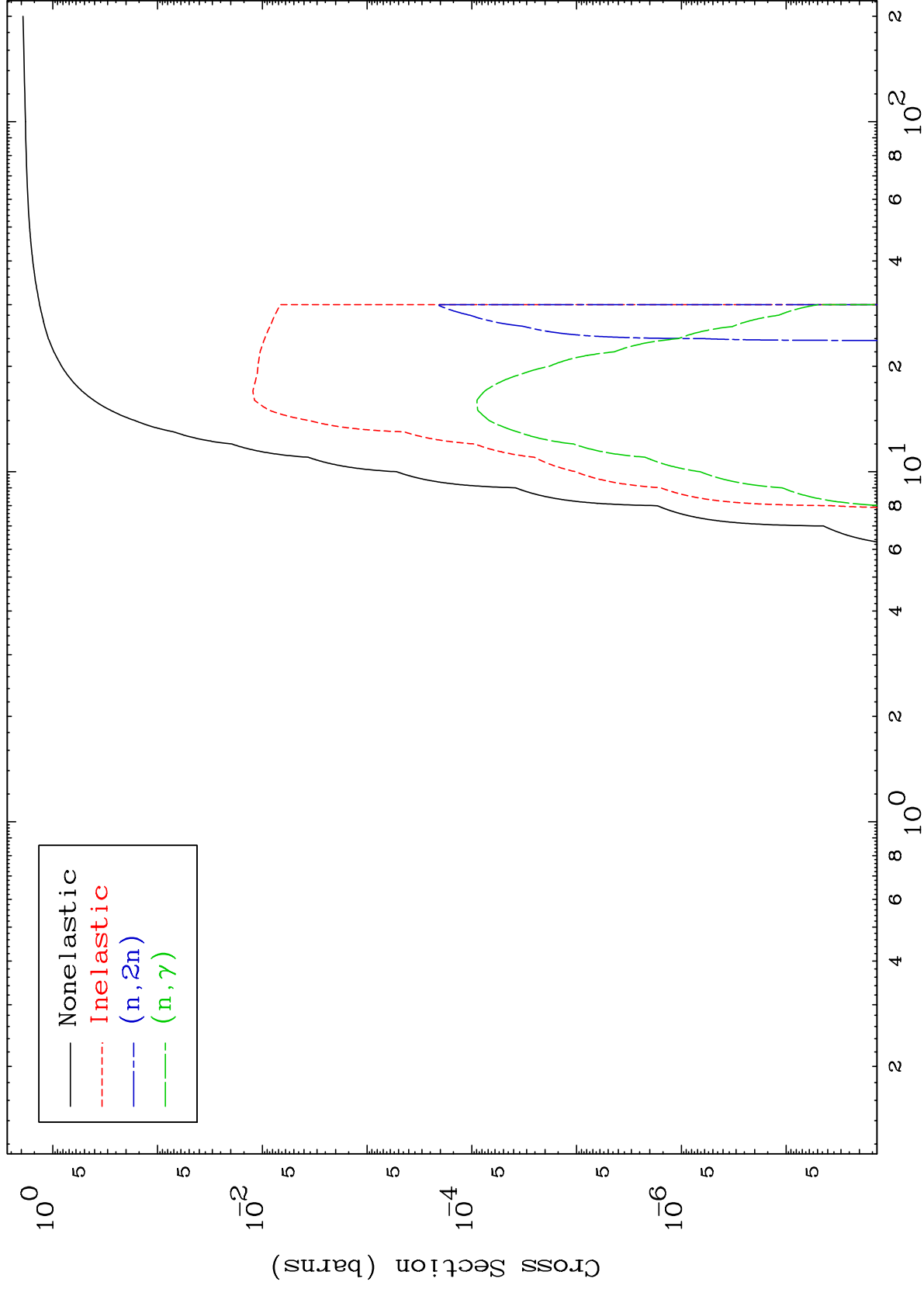
Press Mouse Button to Start

MAT 4411

0 Kelvin

α Major Cross Sections

44-Ru-91m



1

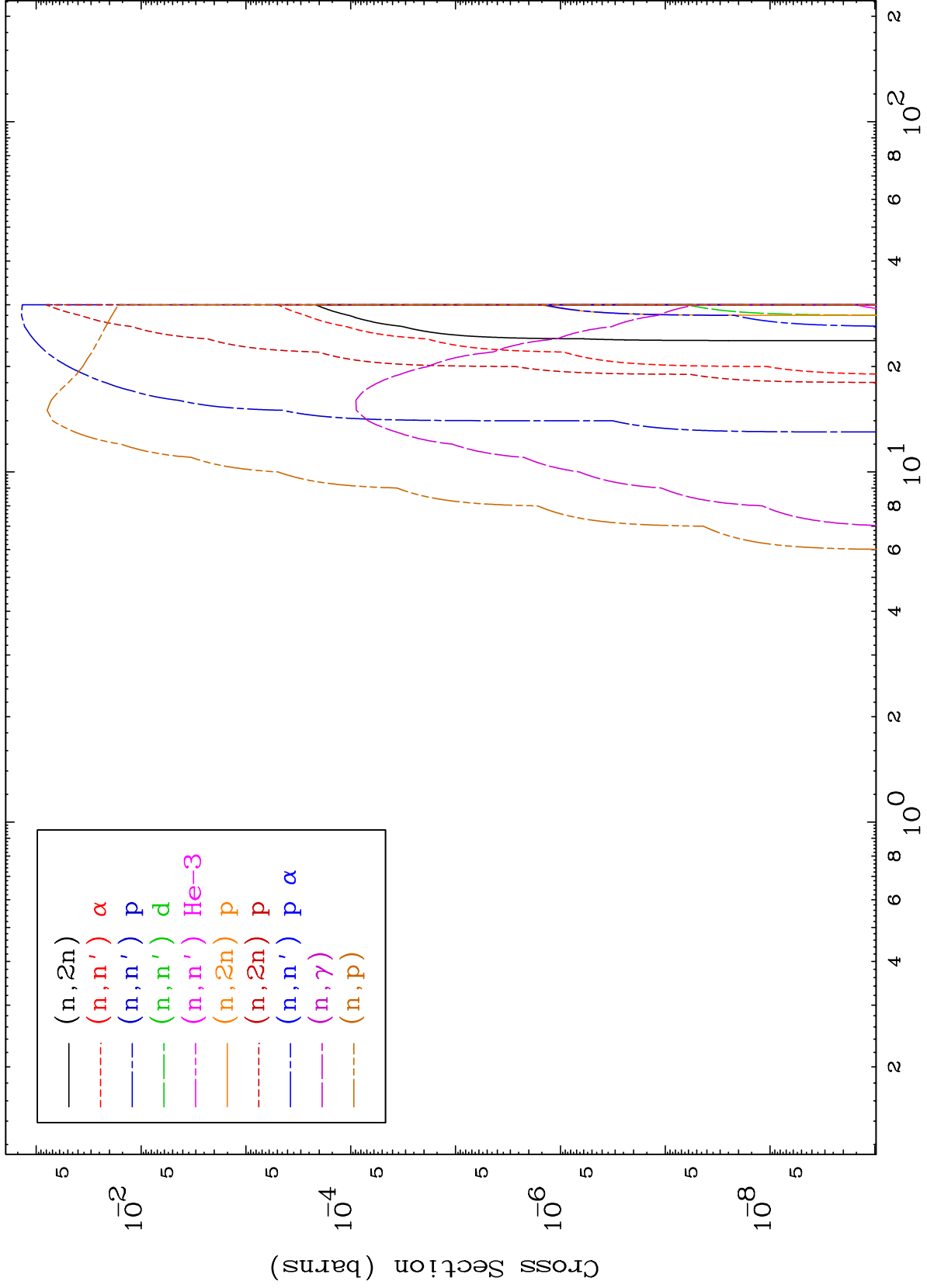
Incident Energy (MeV)

44-Ru-91m

MAT 4411

α Neutron Absorption
0 Kelvin Cross Sections

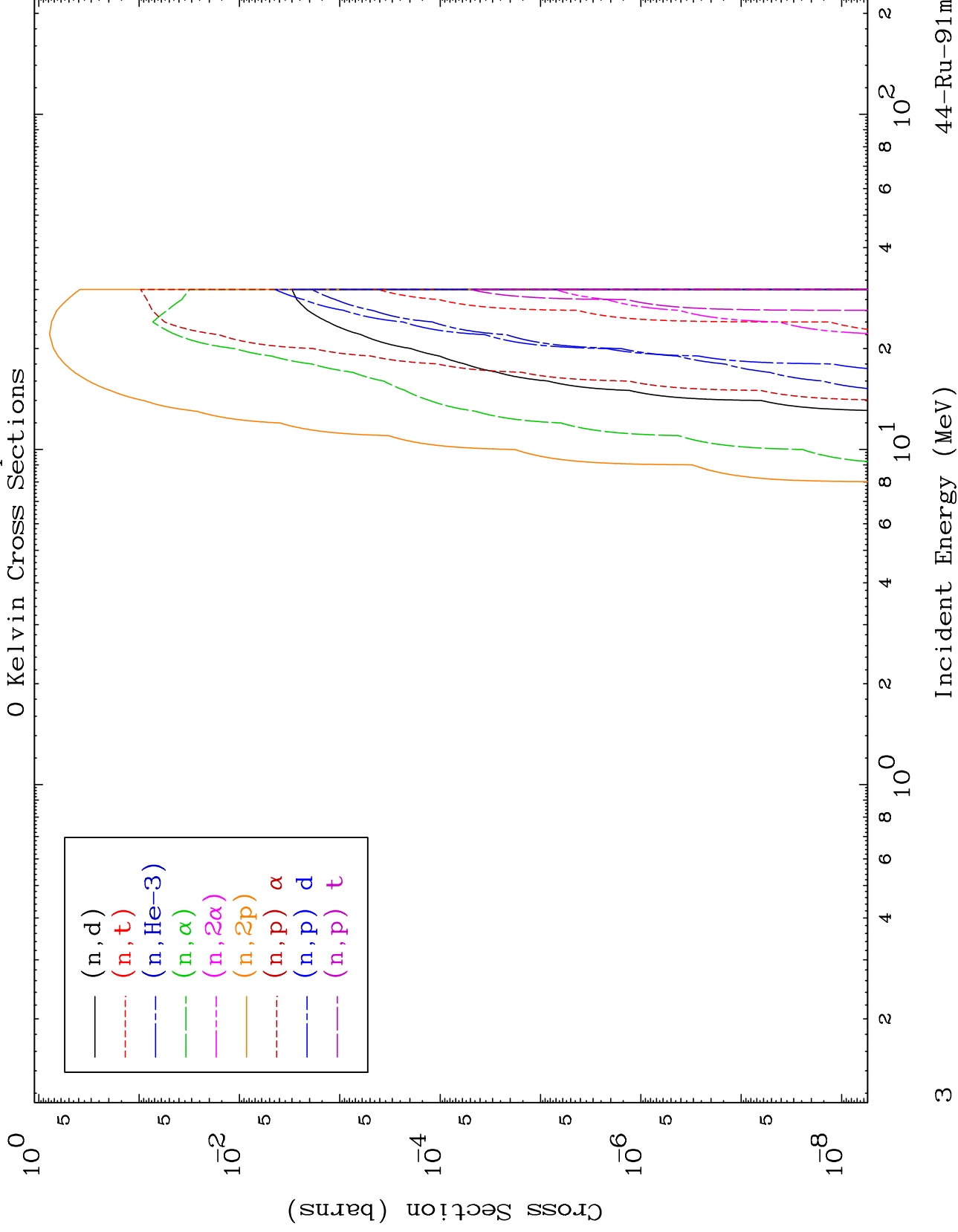
44-Ru-91m



MAT 4411

α Neutron Absorption

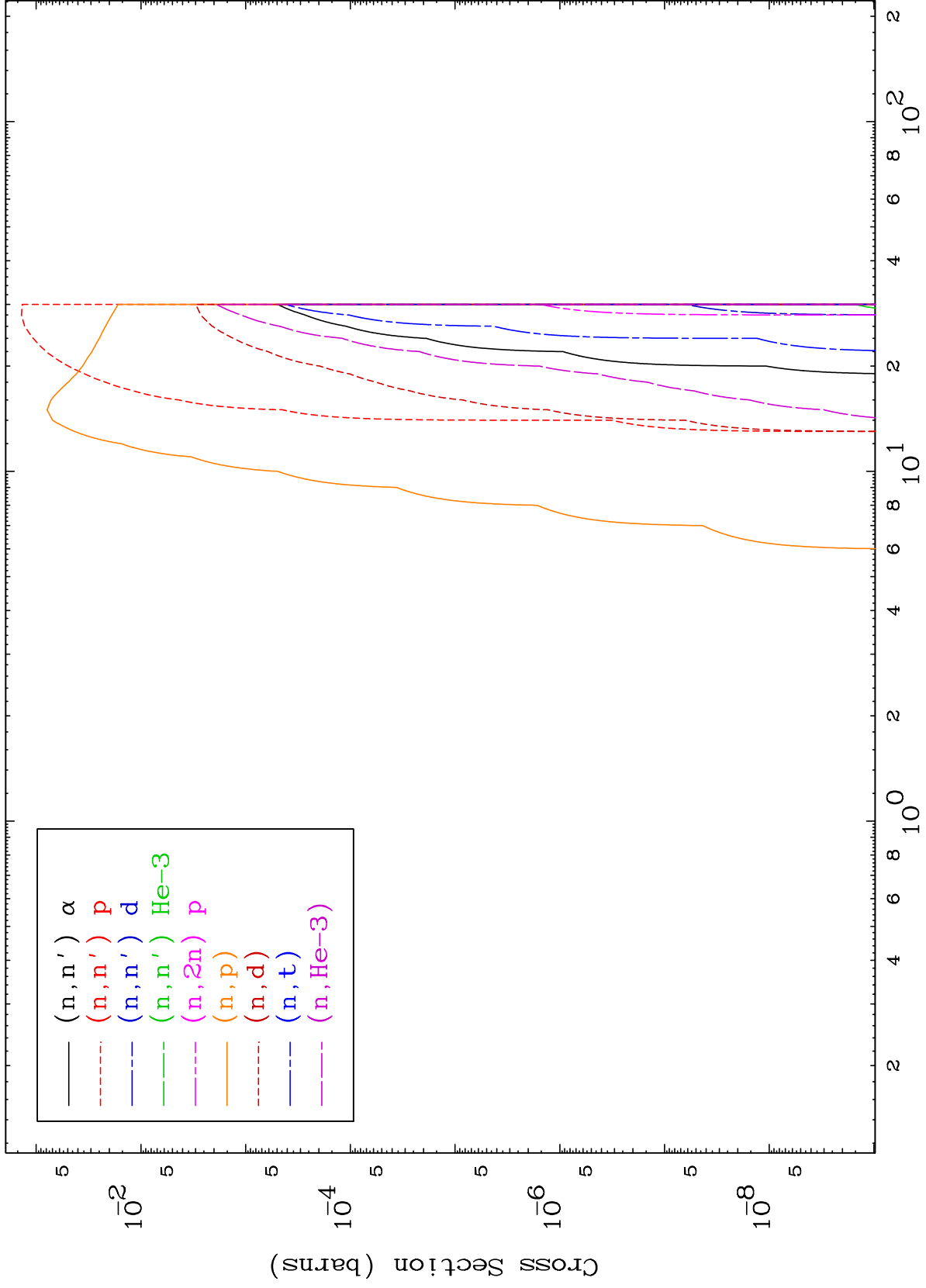
44-Ru-91m



MAT 4411

α Charged Particle
0 Kelvin Cross Sections

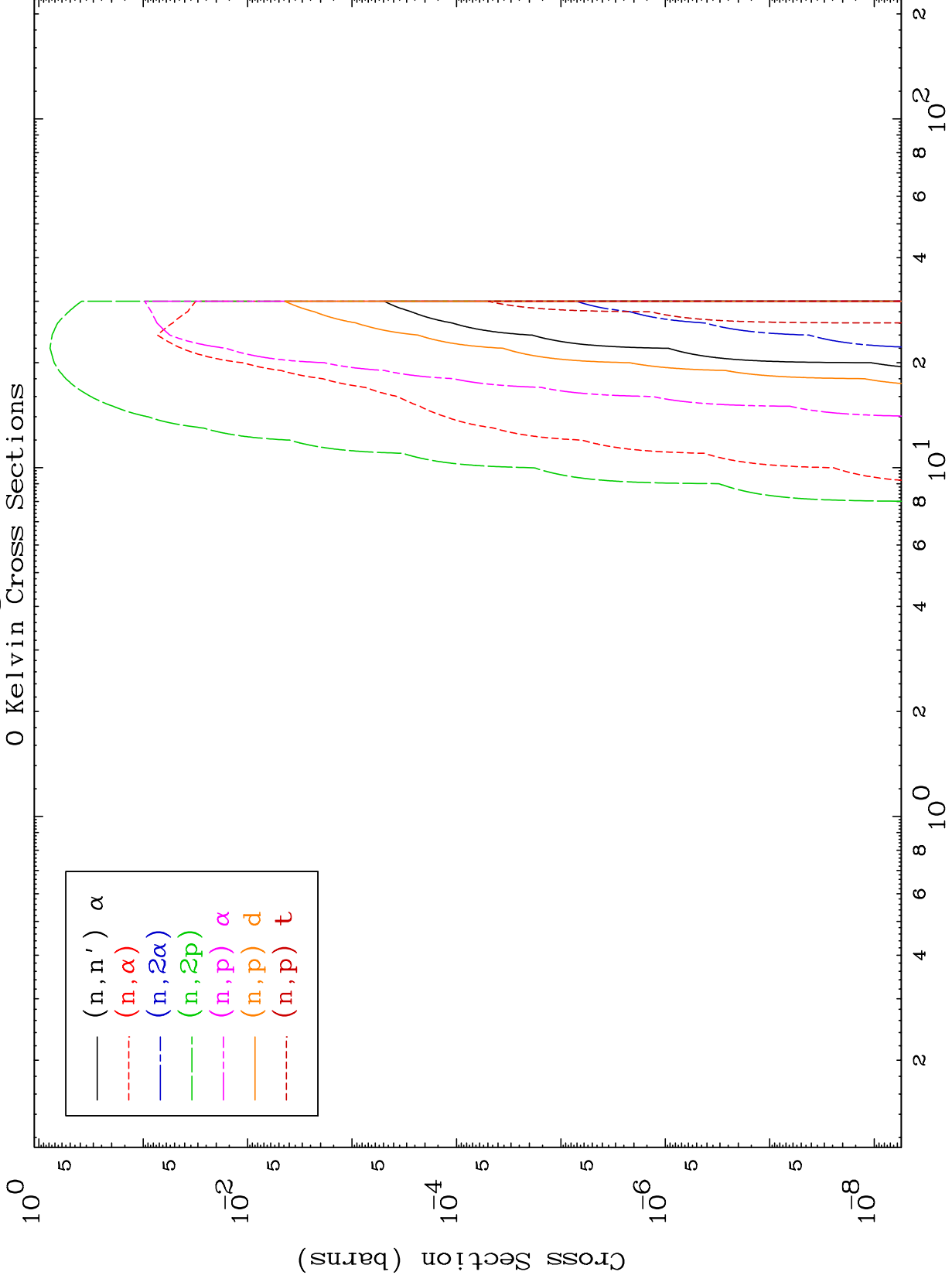
44-Ru-91m



MAT 4411

α Charged Particle
0 Kelvin Cross Sections

44-Ru-91m



5

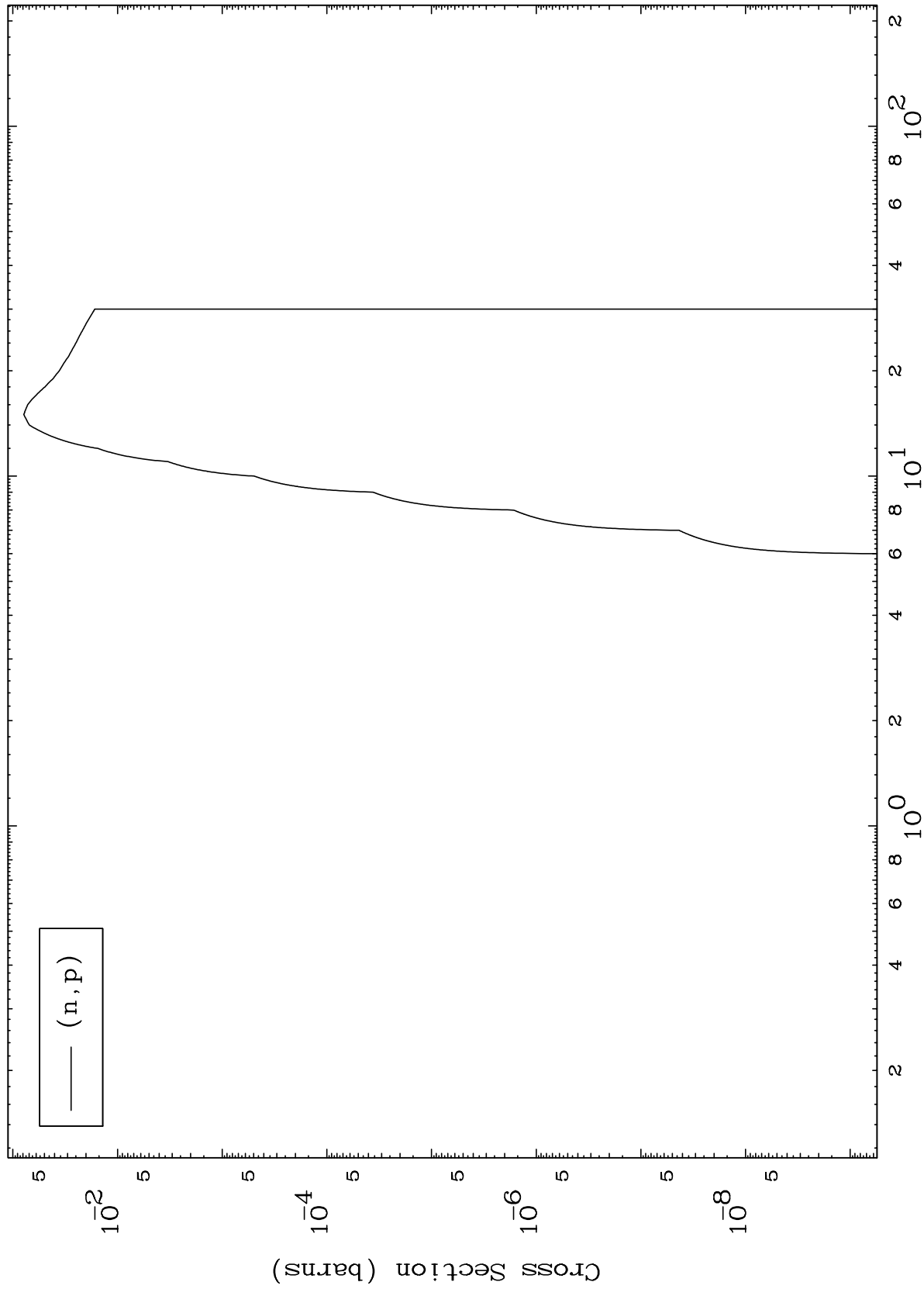
Incident Energy (MeV)

44-Ru-91m

MAT 4411

44-Ru-91m

(α, p) Levels
0 Kelvin Cross Sections



44-Ru-91m

Incident Energy (MeV)

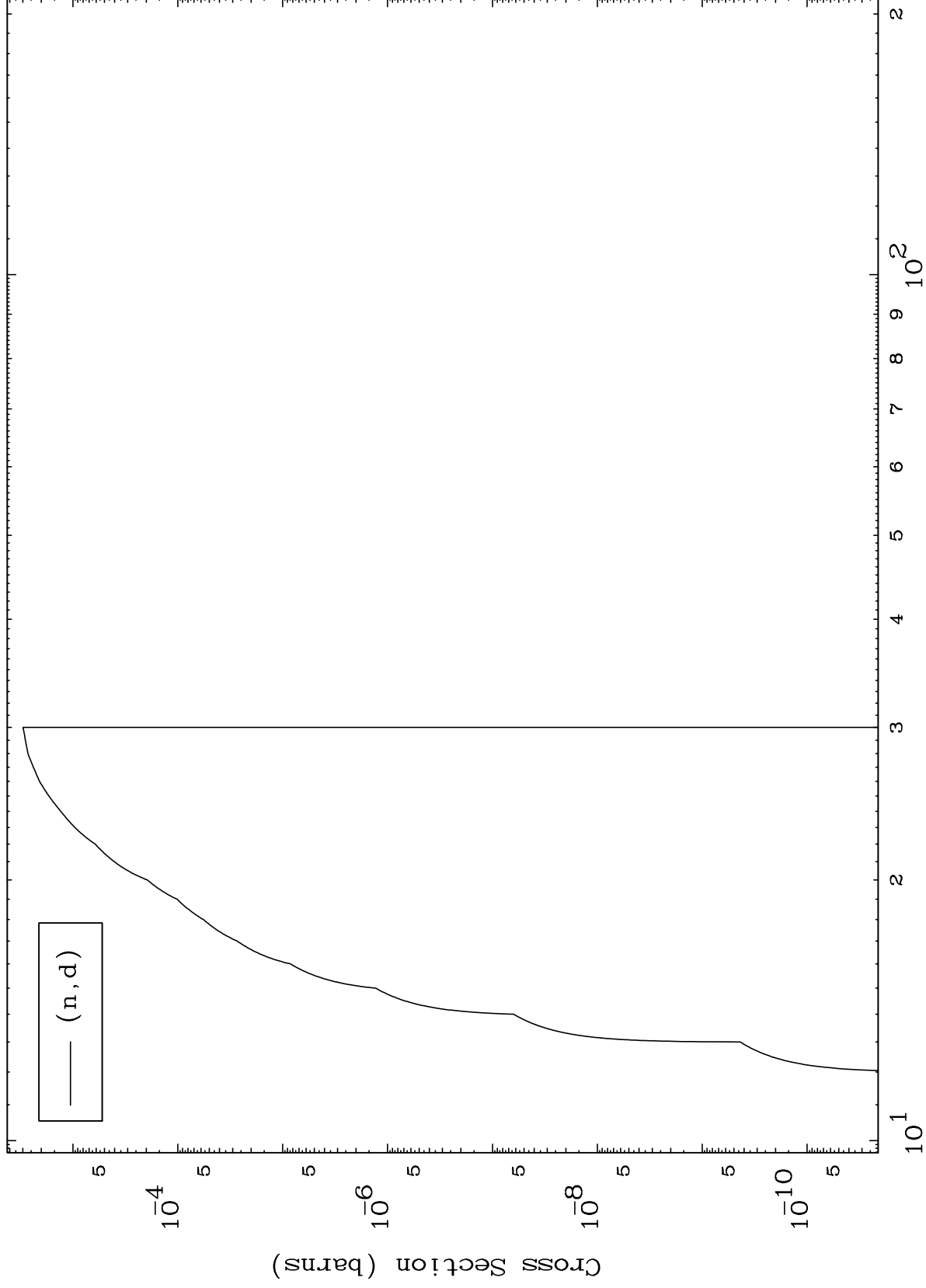
6

MAT 4411

(α, d) Levels

44-Ru-91m

0 Kelvin Cross Sections



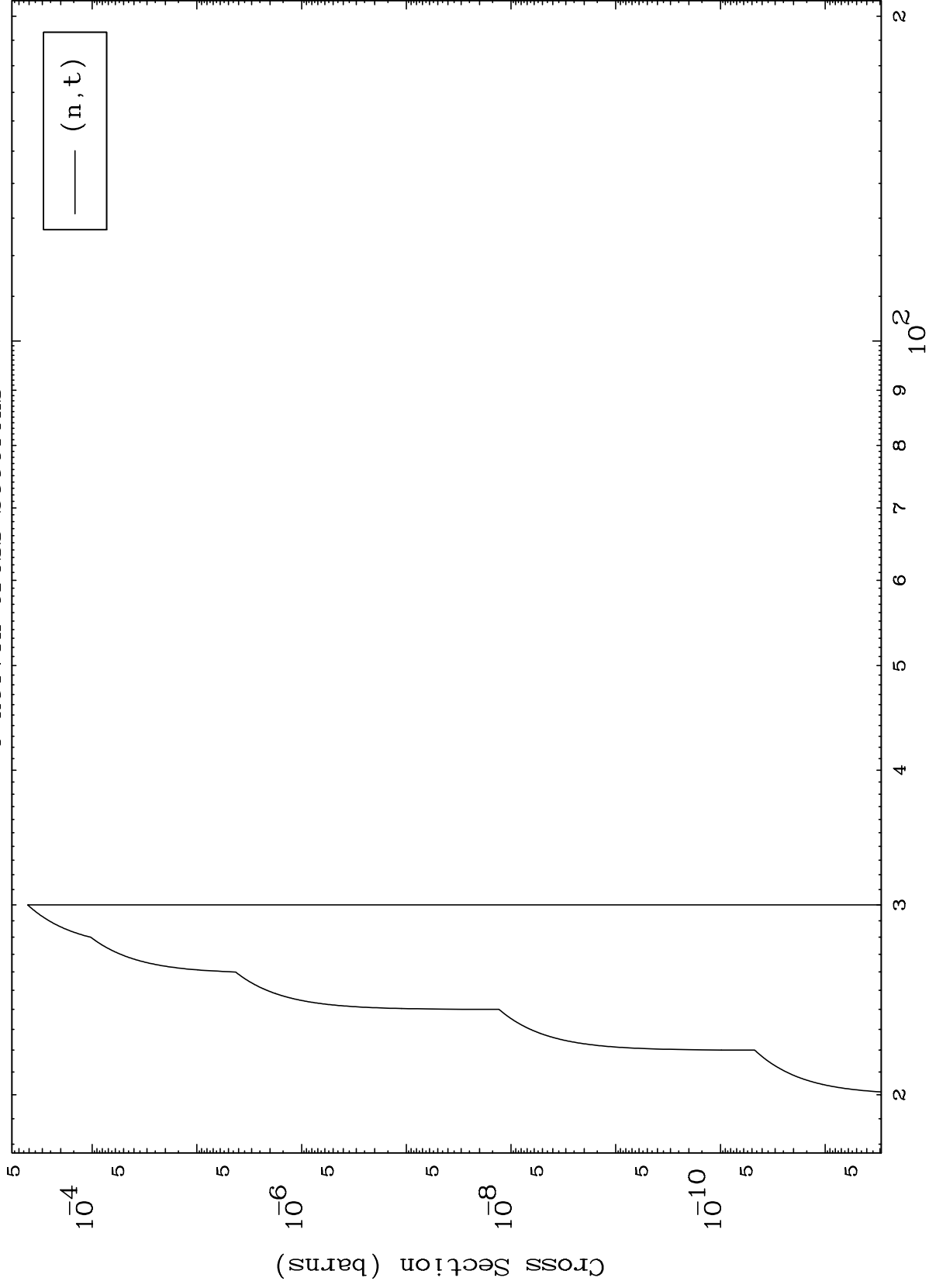
Incident Energy (MeV)

44-Ru-91m

MAT 4411

(α, t) Levels
0 Kelvin Cross Sections

44-Ru-91m



8

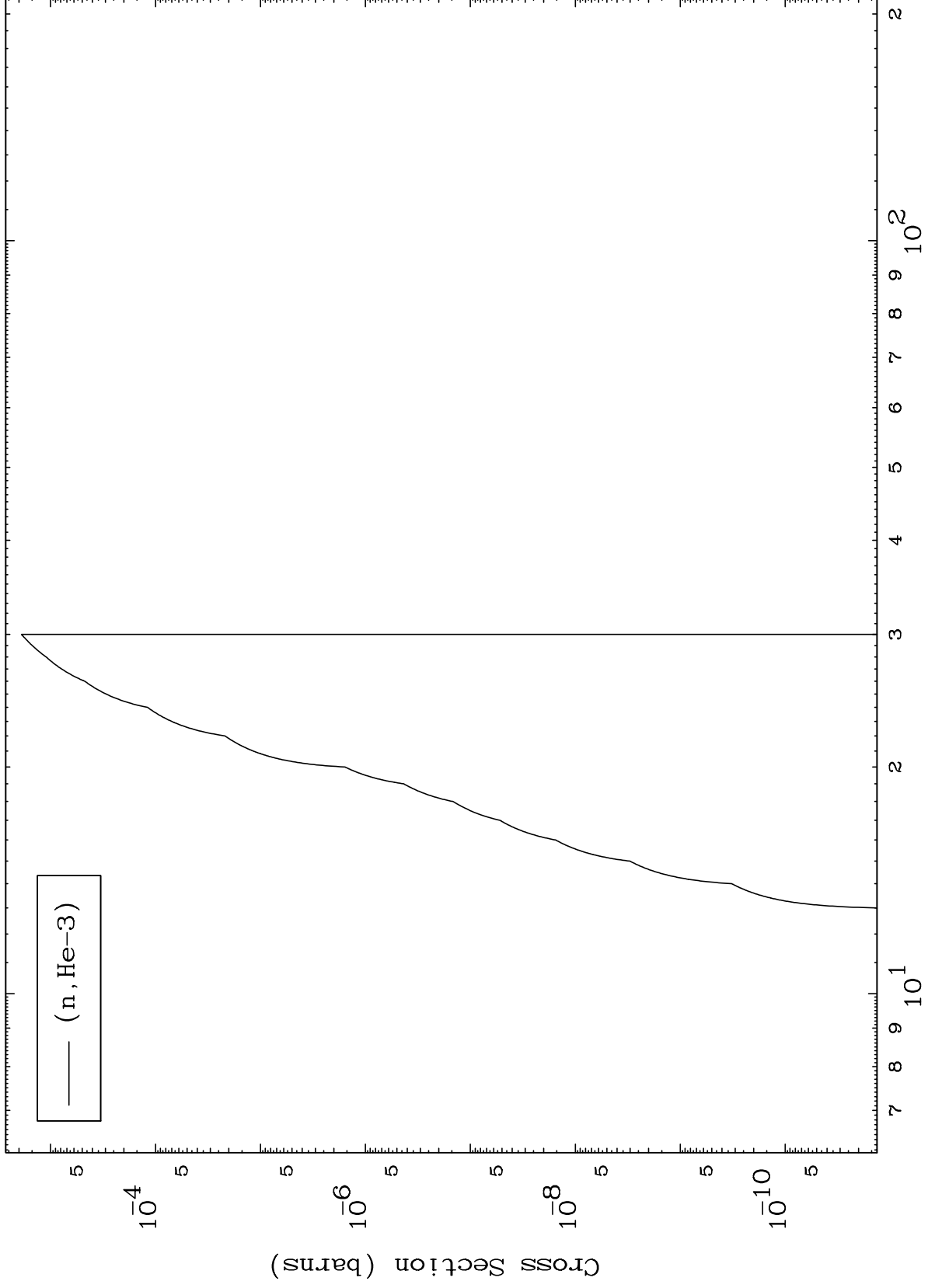
Incident Energy (MeV)

44-Ru-91m

MAT 4411

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

44-Ru-91m



9

Incident Energy (MeV)

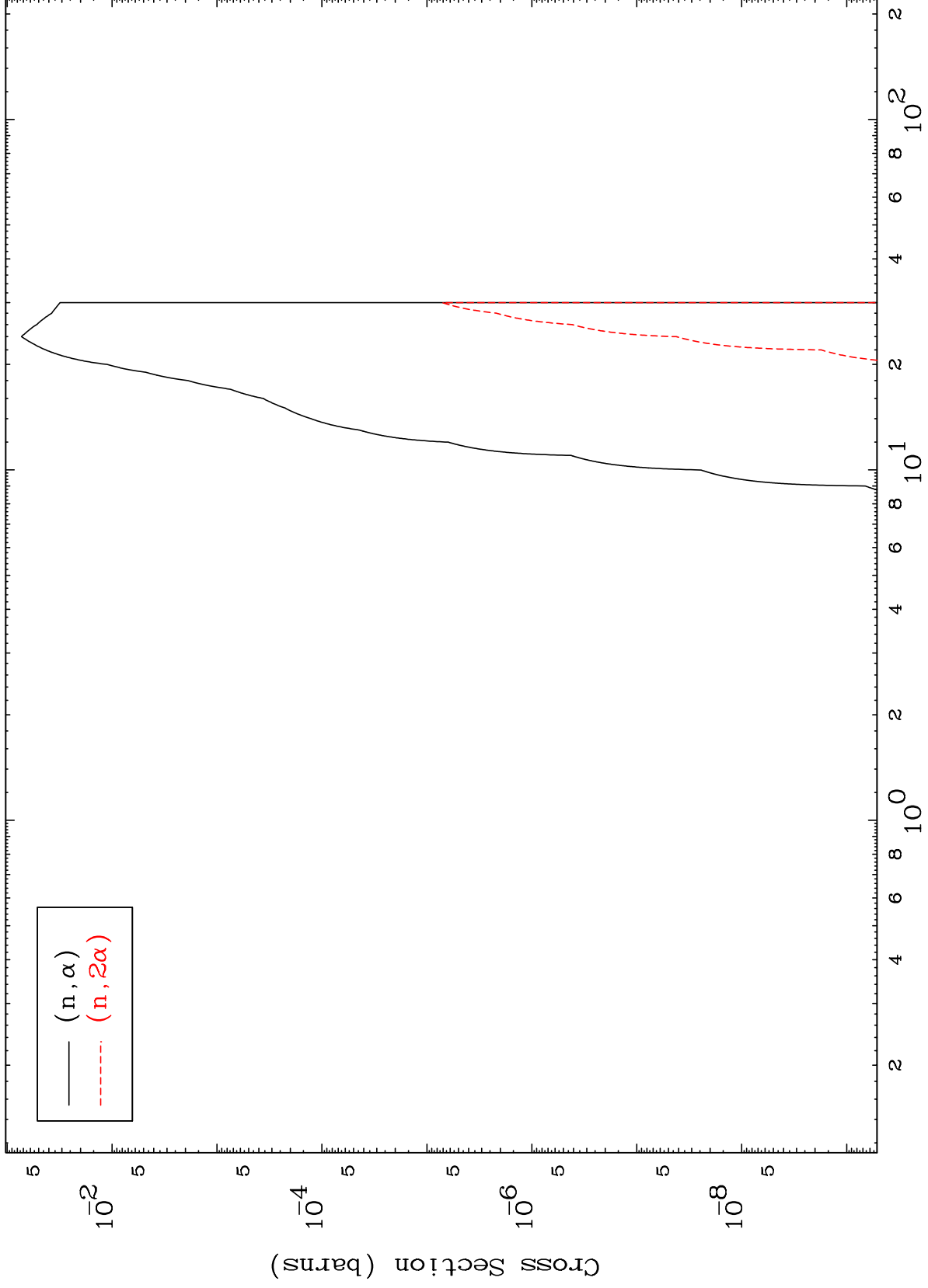
44-Ru-91m

MAT 4411

(α, α) Levels

44-Ru-91m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

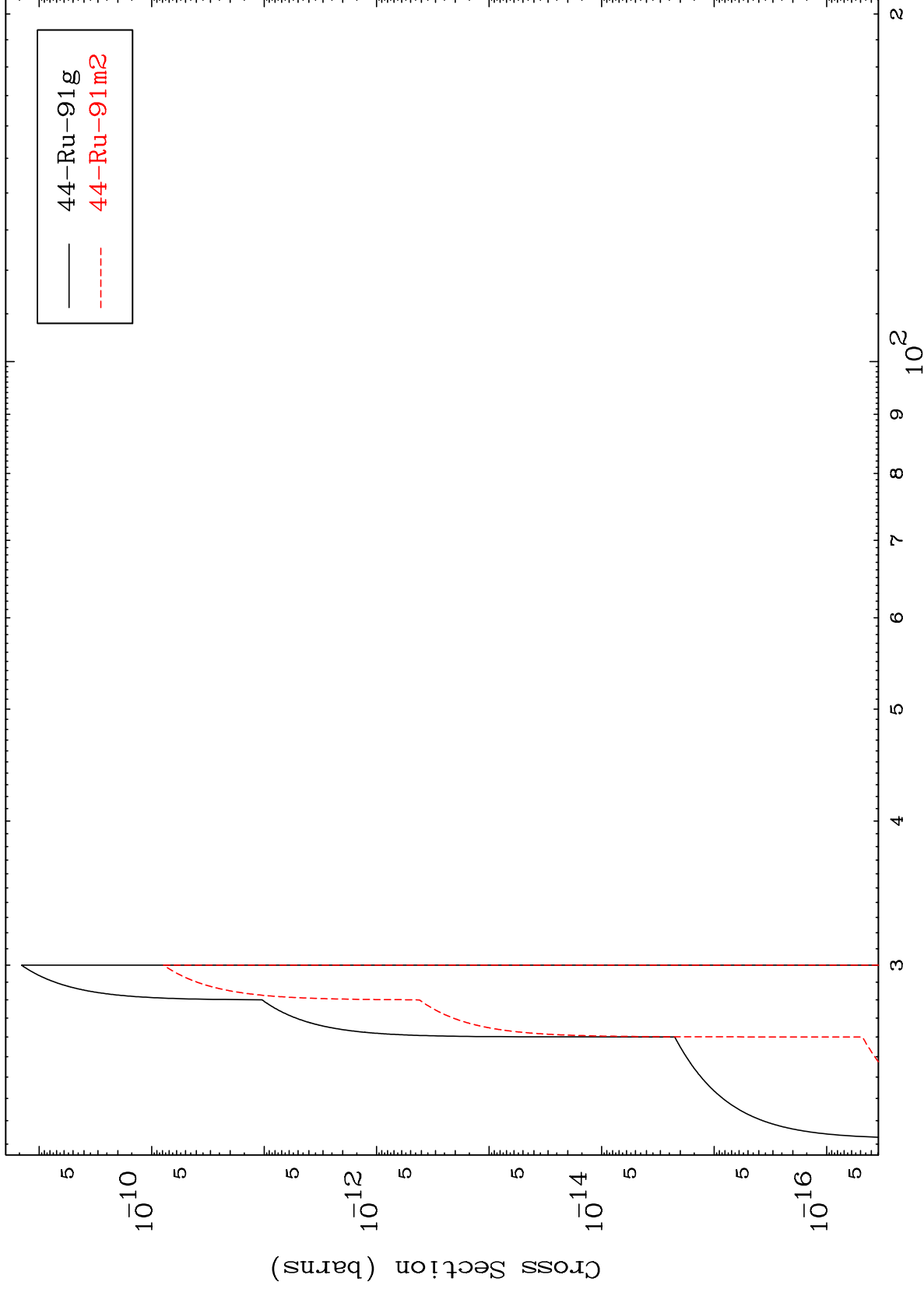
44-Ru-91m

MAT 4411

(n,n') He-3

44-Ru-91m

Radionuclide Production Cross Section



11

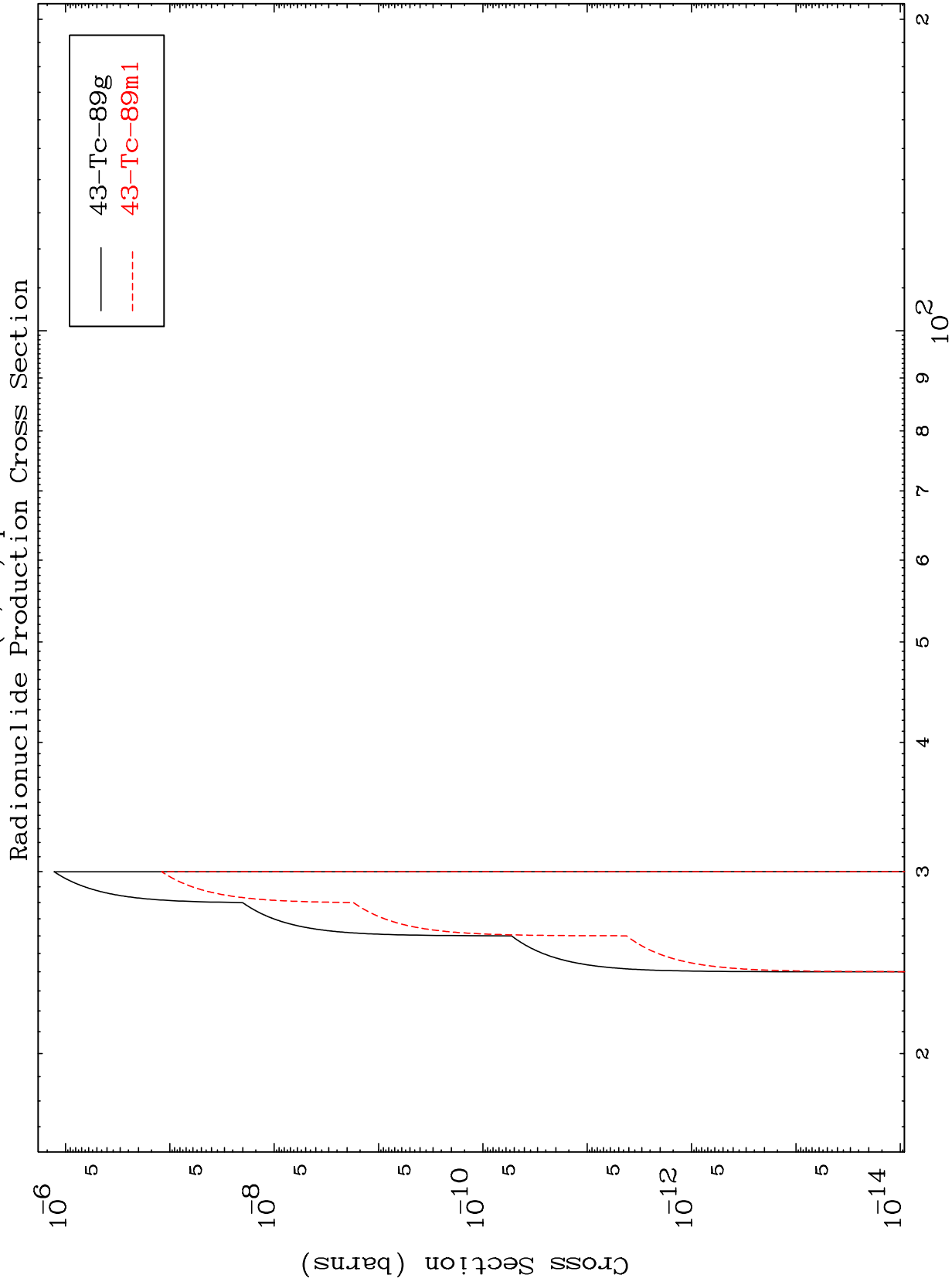
Incident Energy (MeV)

44-Ru-91m

MAT 4411

(n,n') p α

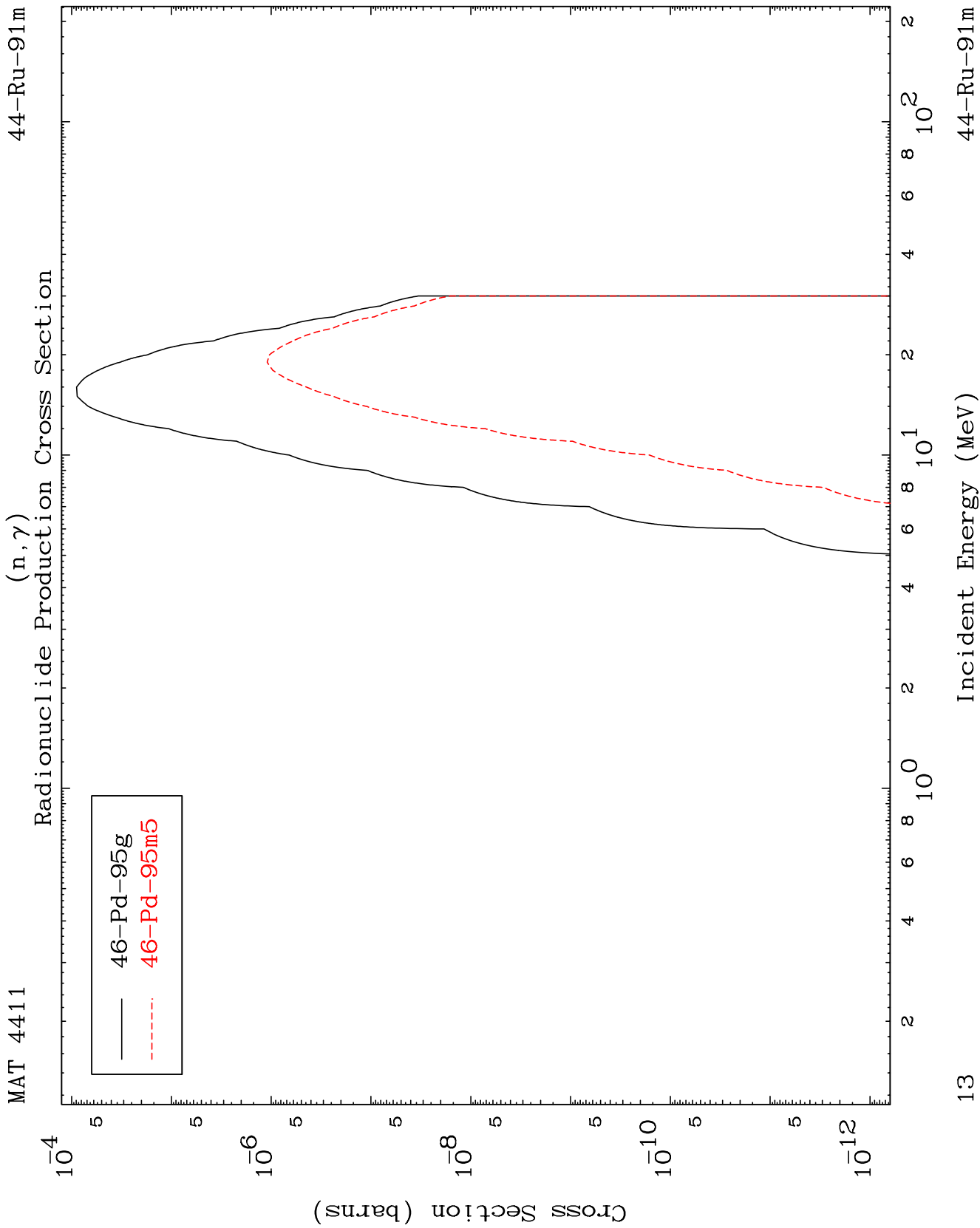
44-Ru-91m



12

Incident Energy (MeV)

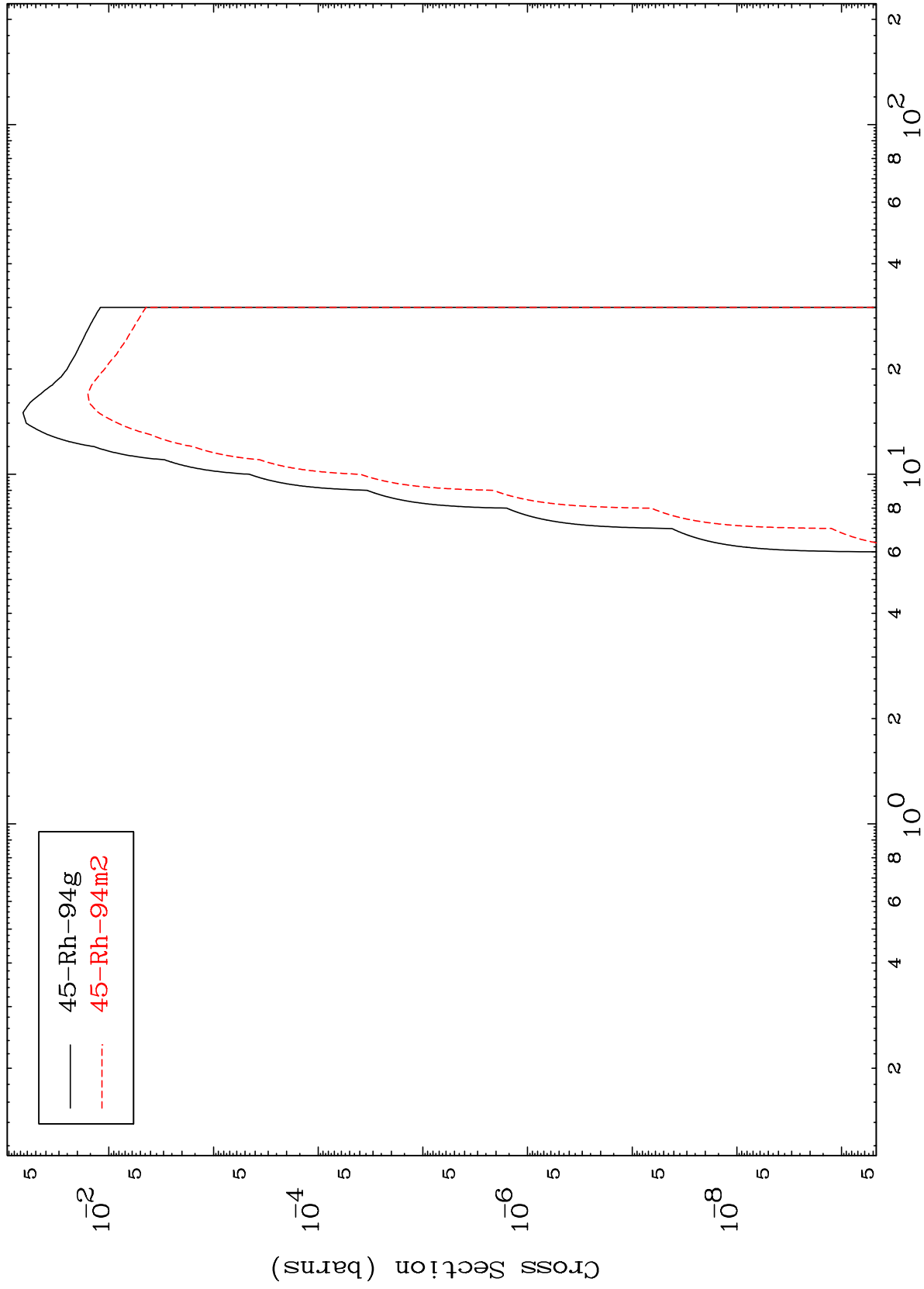
44-Ru-91m



MAT 4411

44-Ru-91m

Radionuclide Production Cross Section
(n,p)



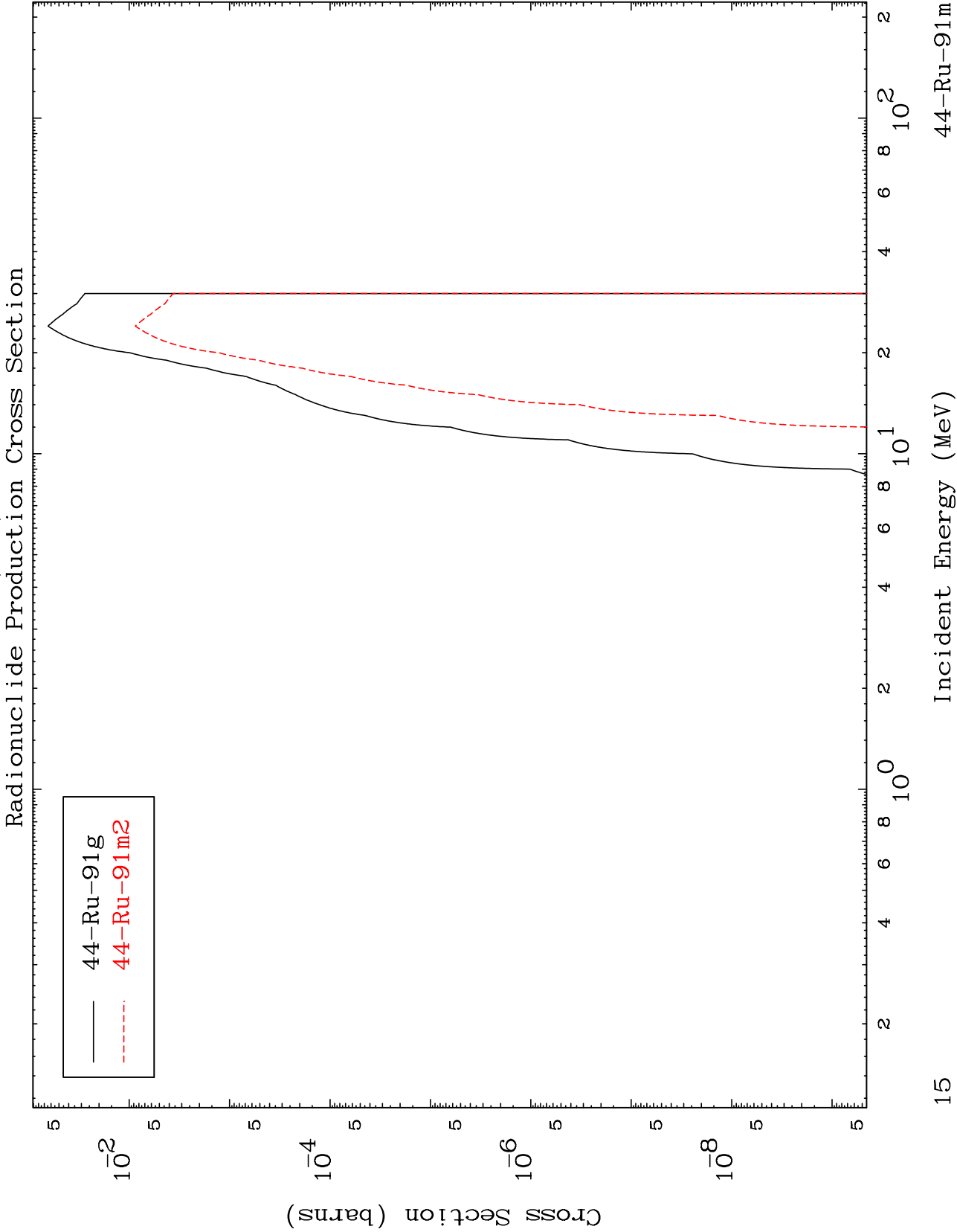
14

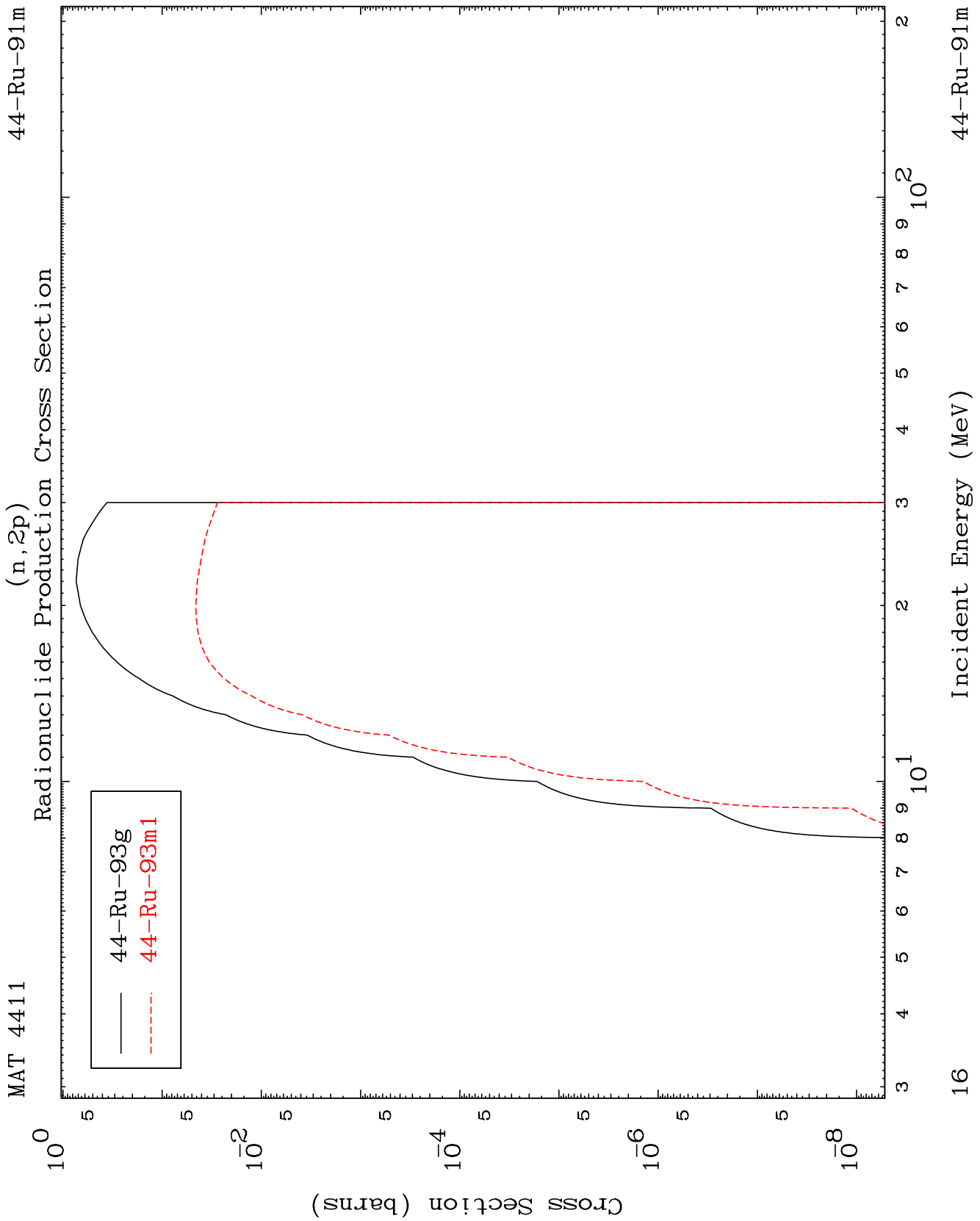
44-Ru-91m

Incident Energy (MeV)

MAT 4411

44-Ru-91m



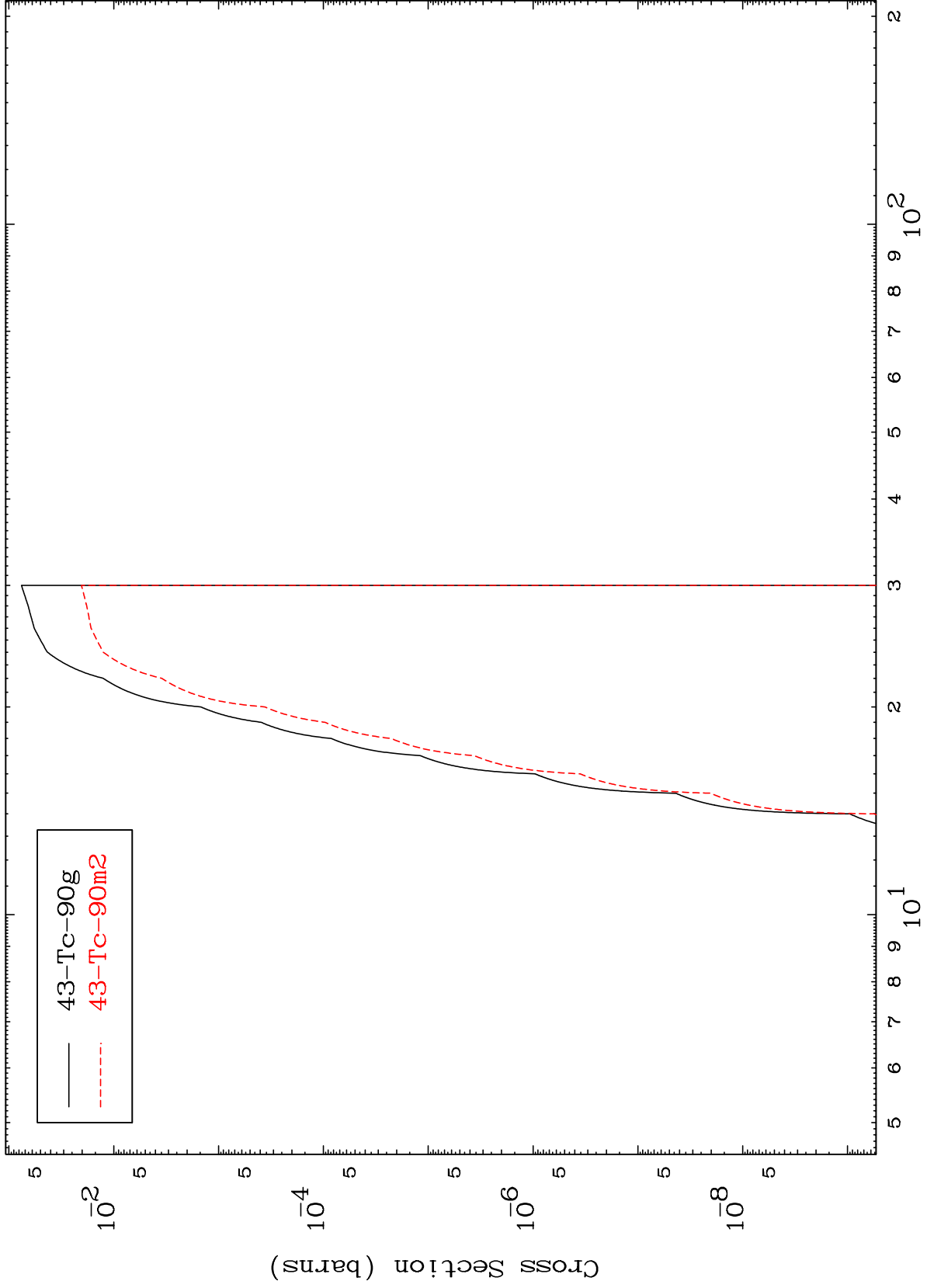


MAT 4411

(n,p) α

44-Ru-91m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

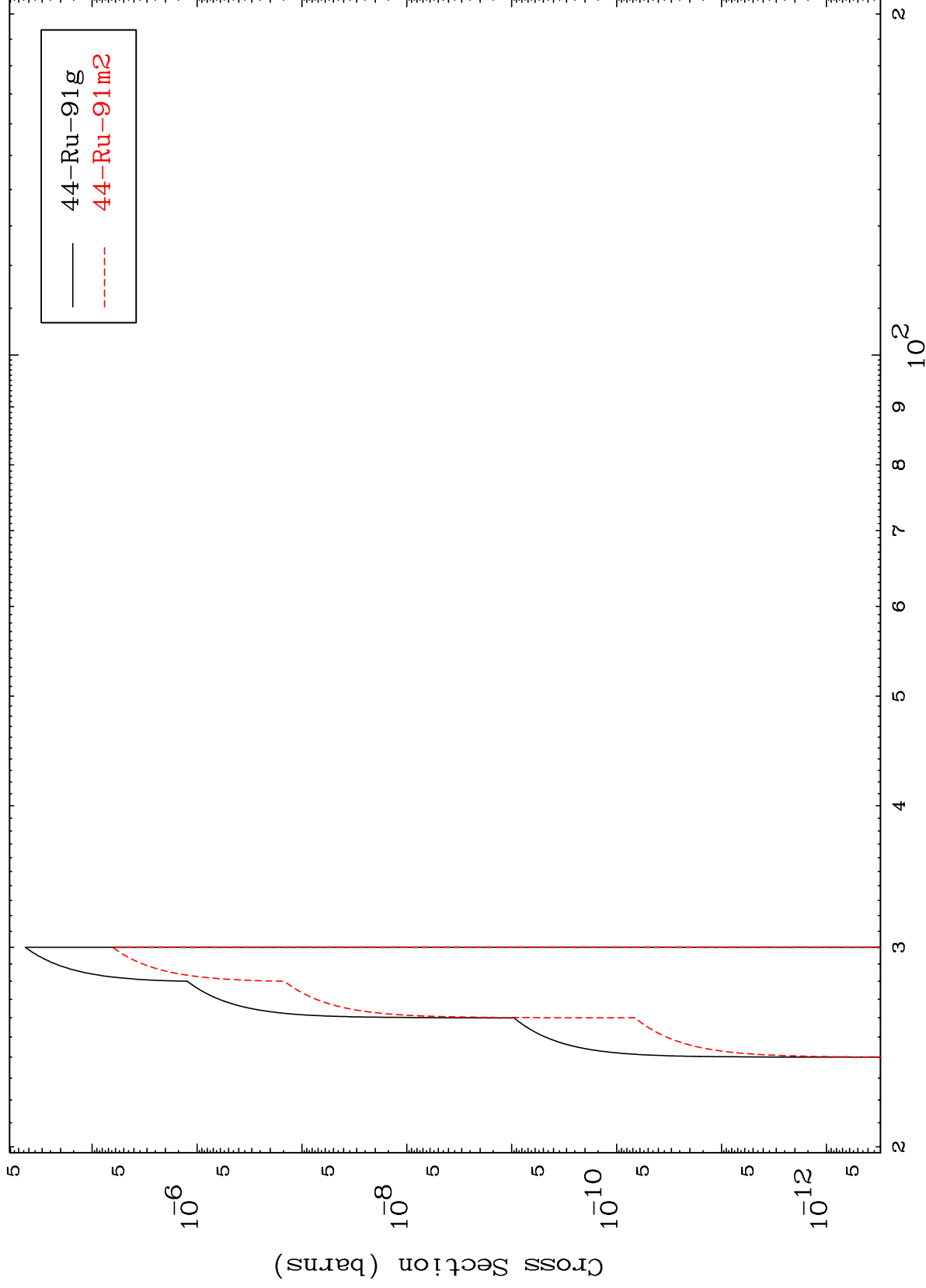
44-Ru-91m

MAT 4411

(n,p) t

44-Ru-91m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

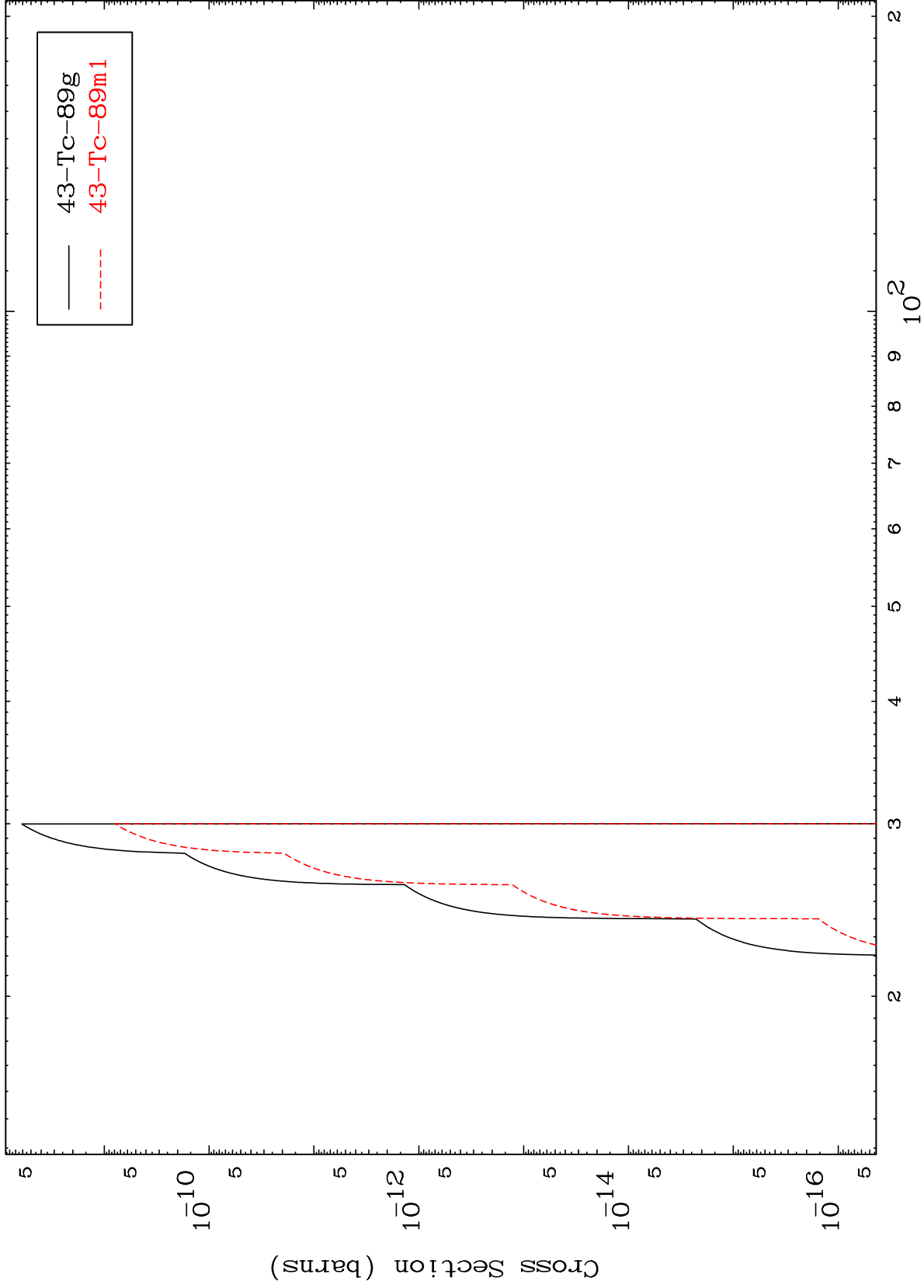
44-Ru-91m

MAT 4411

(n,d) α

44-Ru-91m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

44-Ru-91m