

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

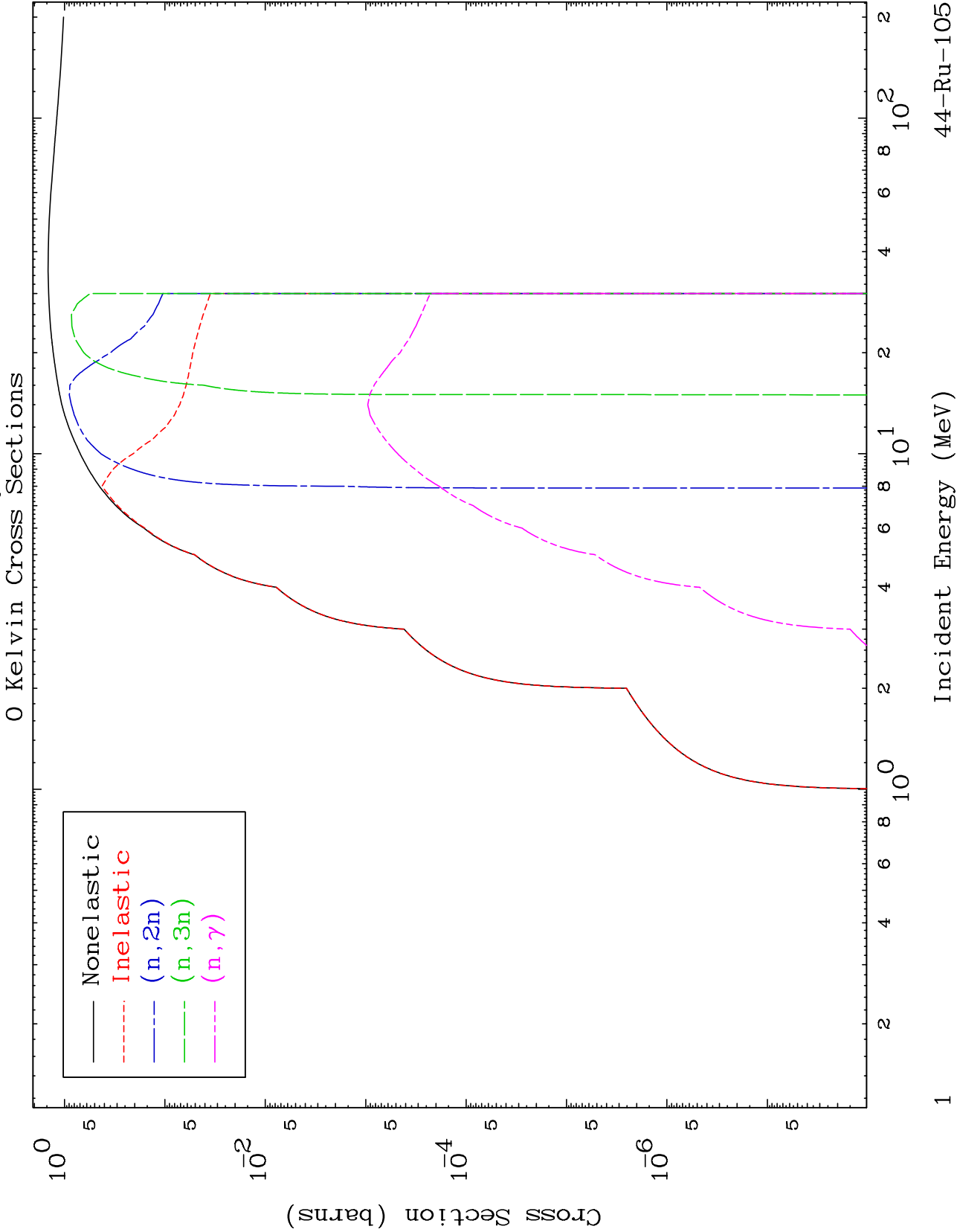
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

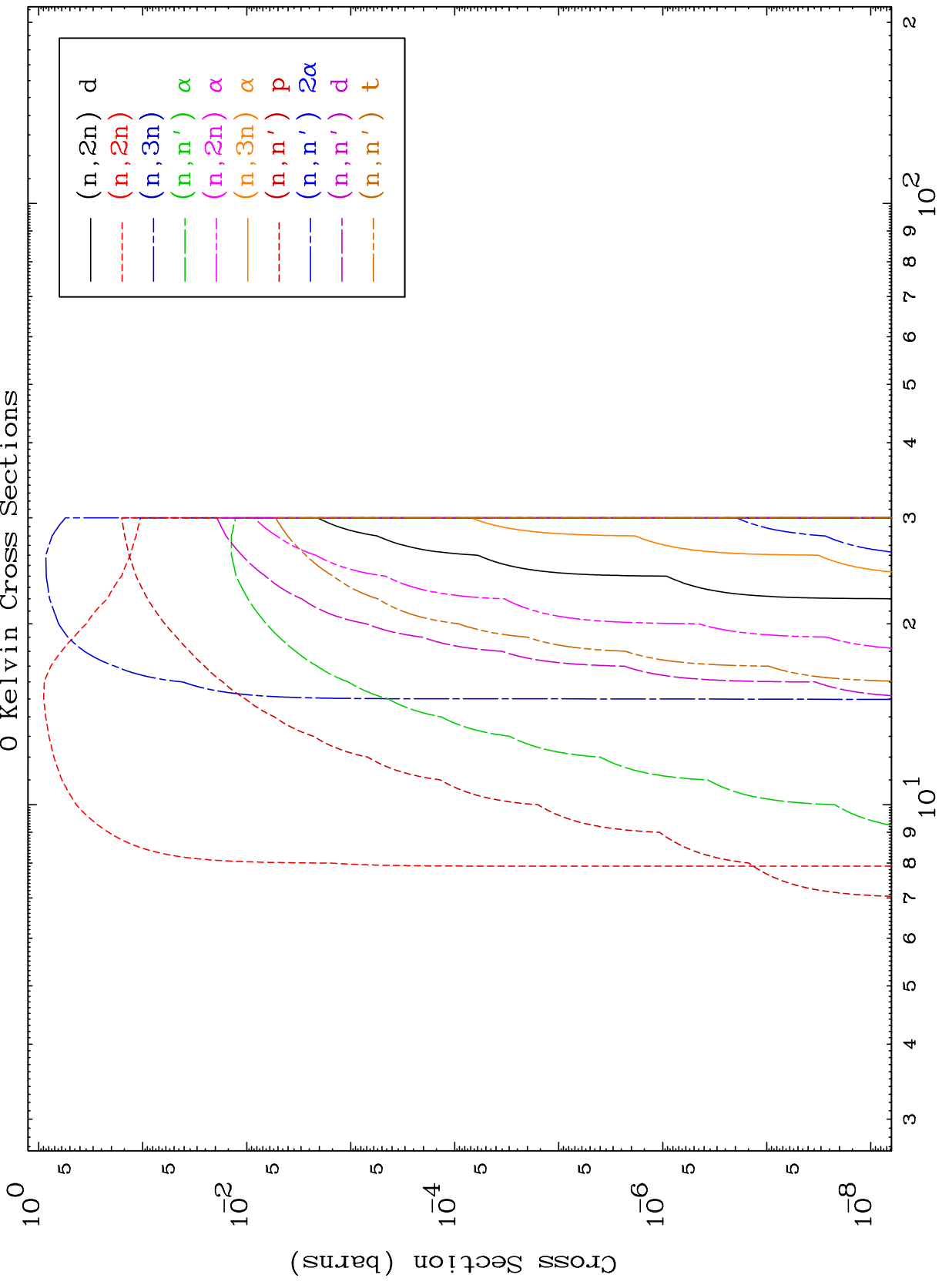
Tele: 925-443-1911

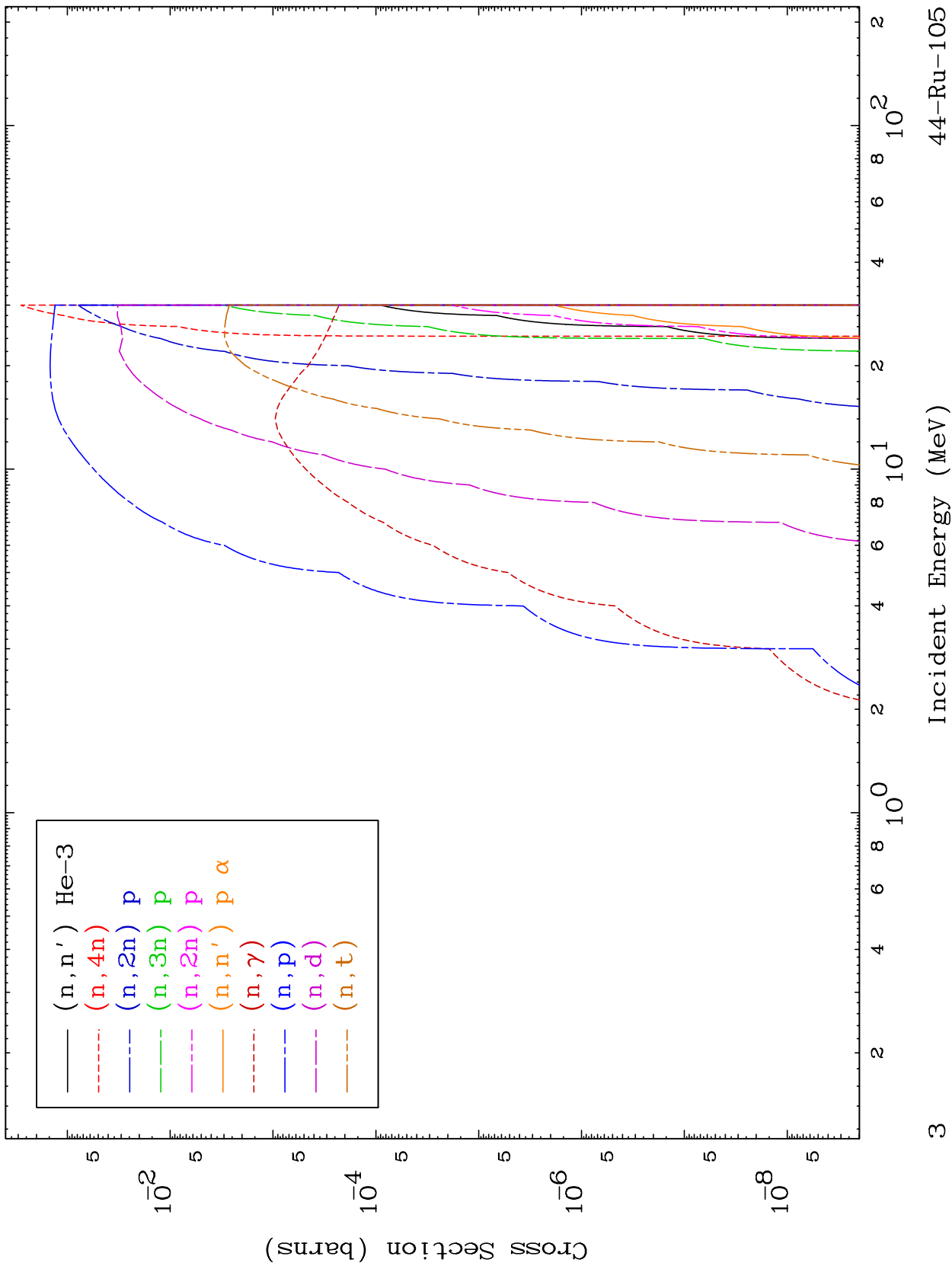
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



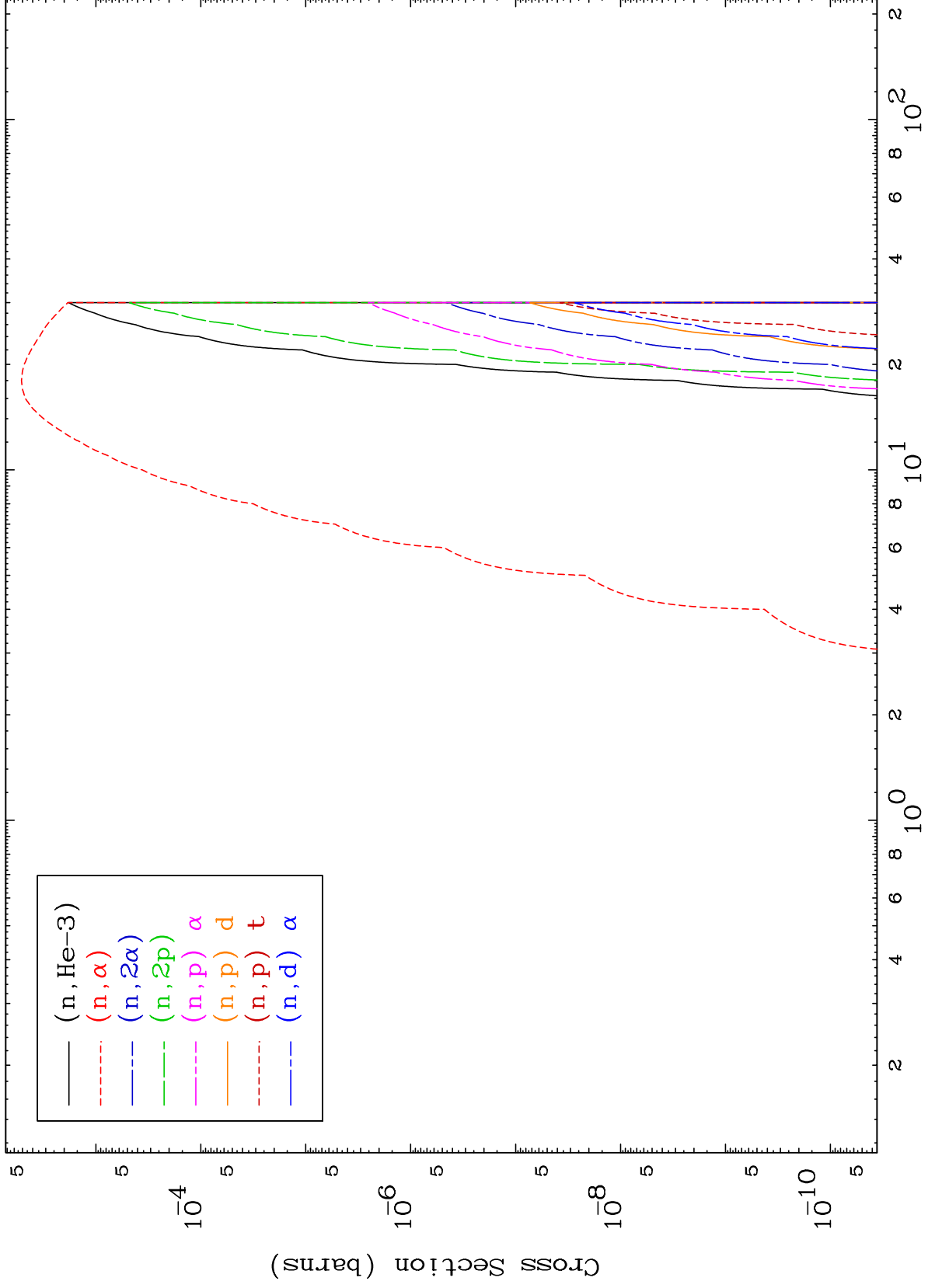




MAT 4452

Proton Neutron Absorption
0 Kelvin Cross Sections

44-Ru-105



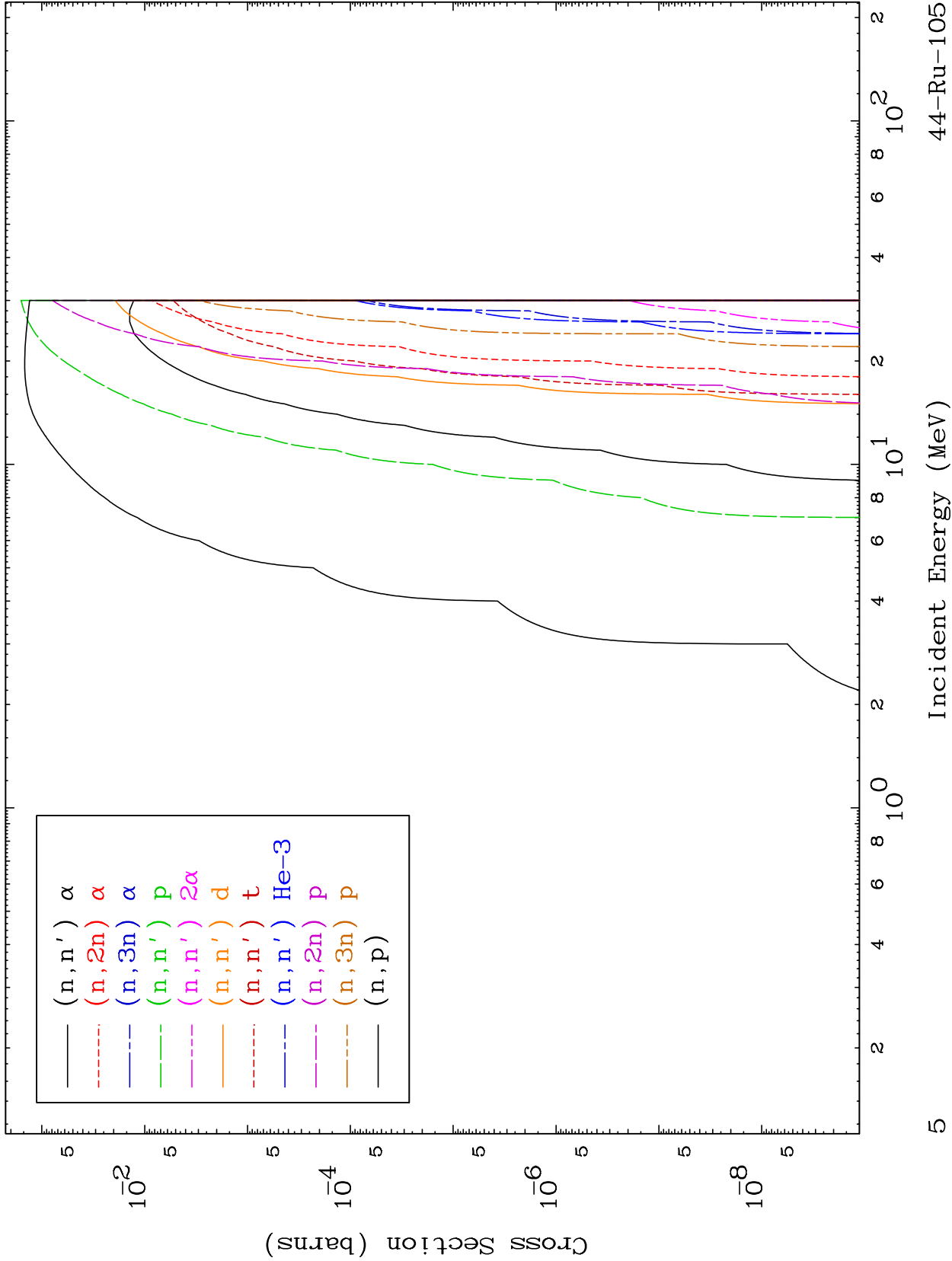
44-Ru-105

Incident Energy (MeV)

MAT 4452

Proton Charged Particle
0 Kelvin Cross Sections

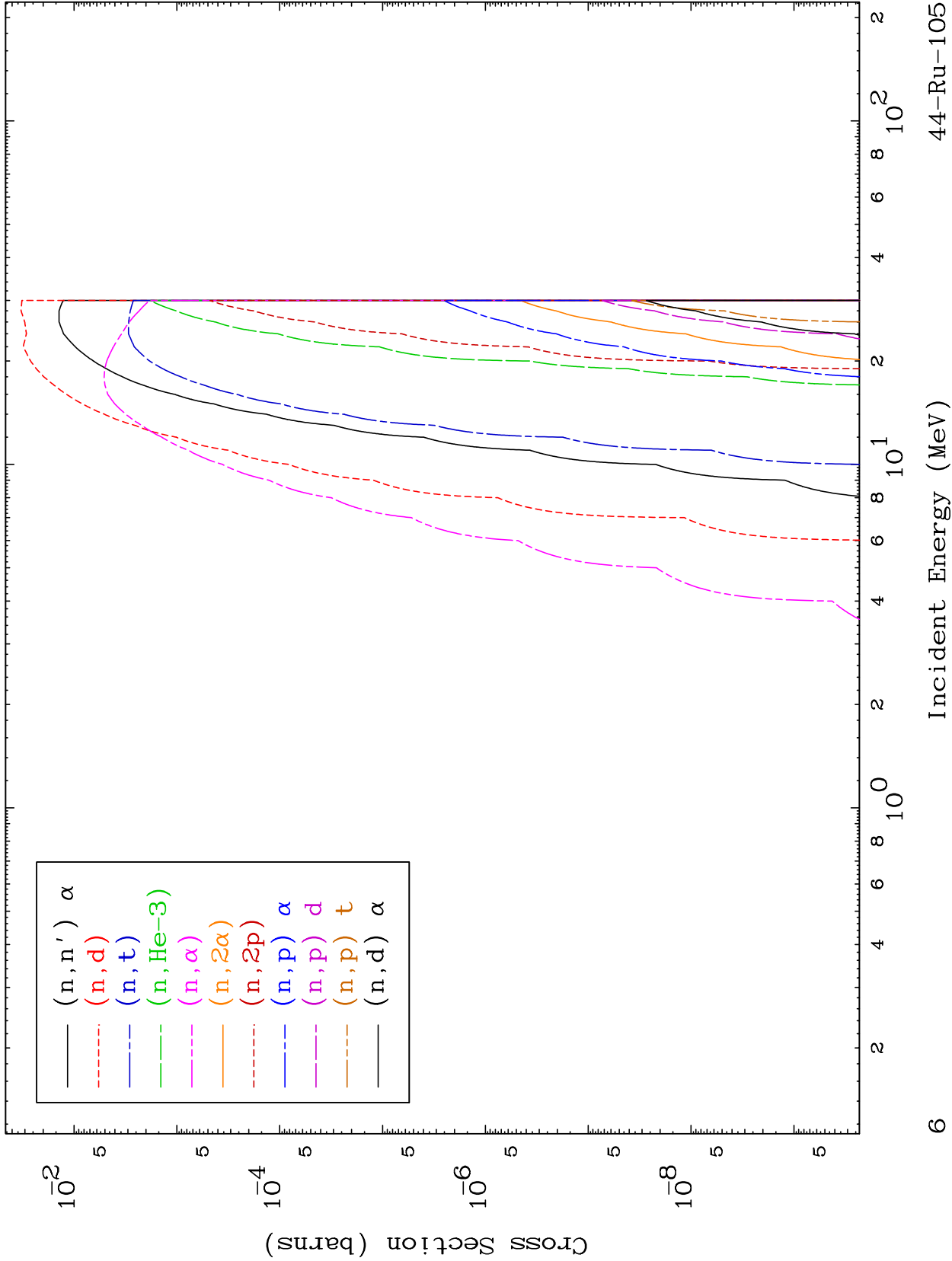
44-Ru-105



MAT 4452

Proton Charged Particle
0 Kelvin Cross Sections

44-Ru-105

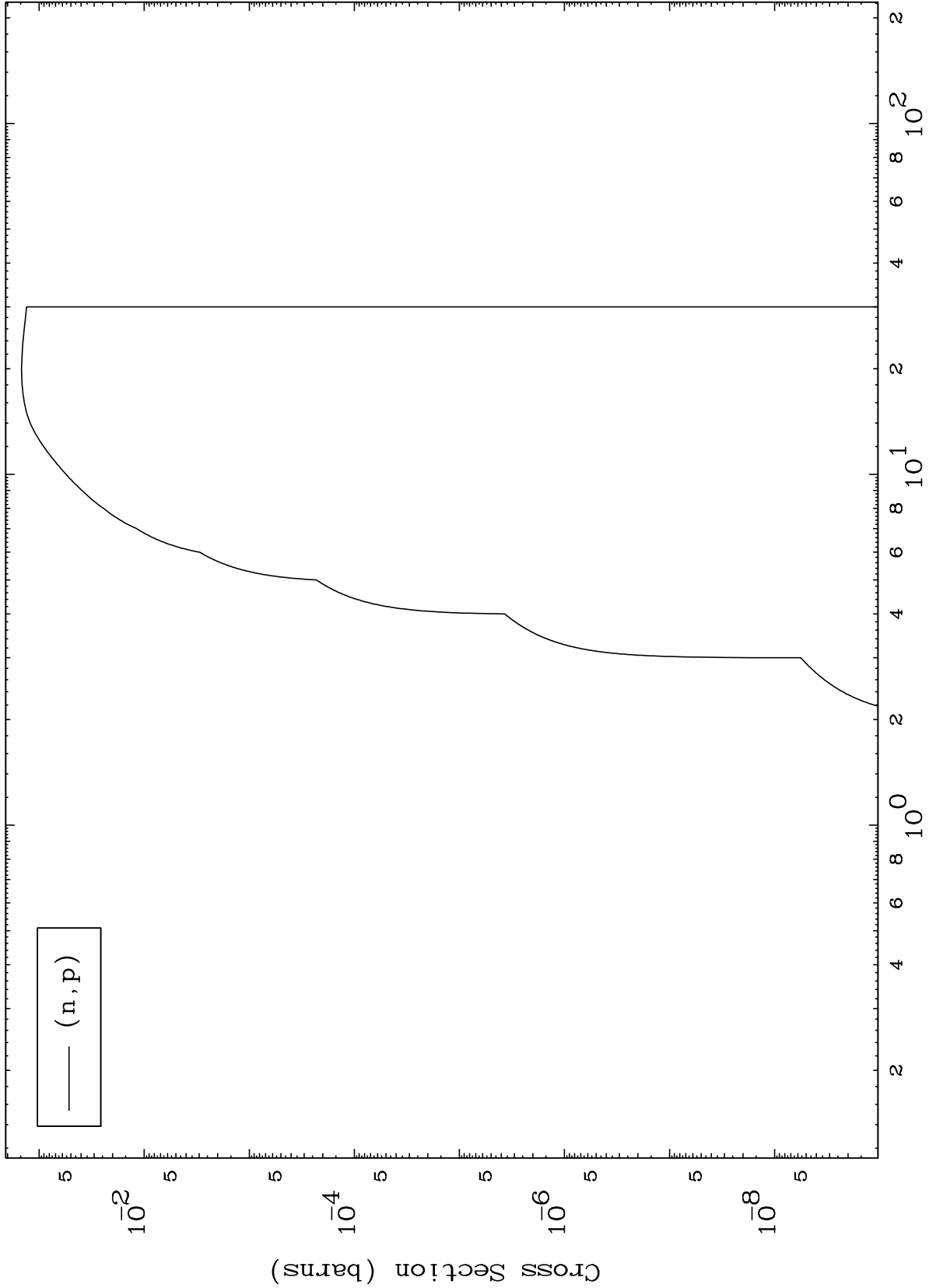


MAT 4452

(p,p) Levels

44-Ru-105

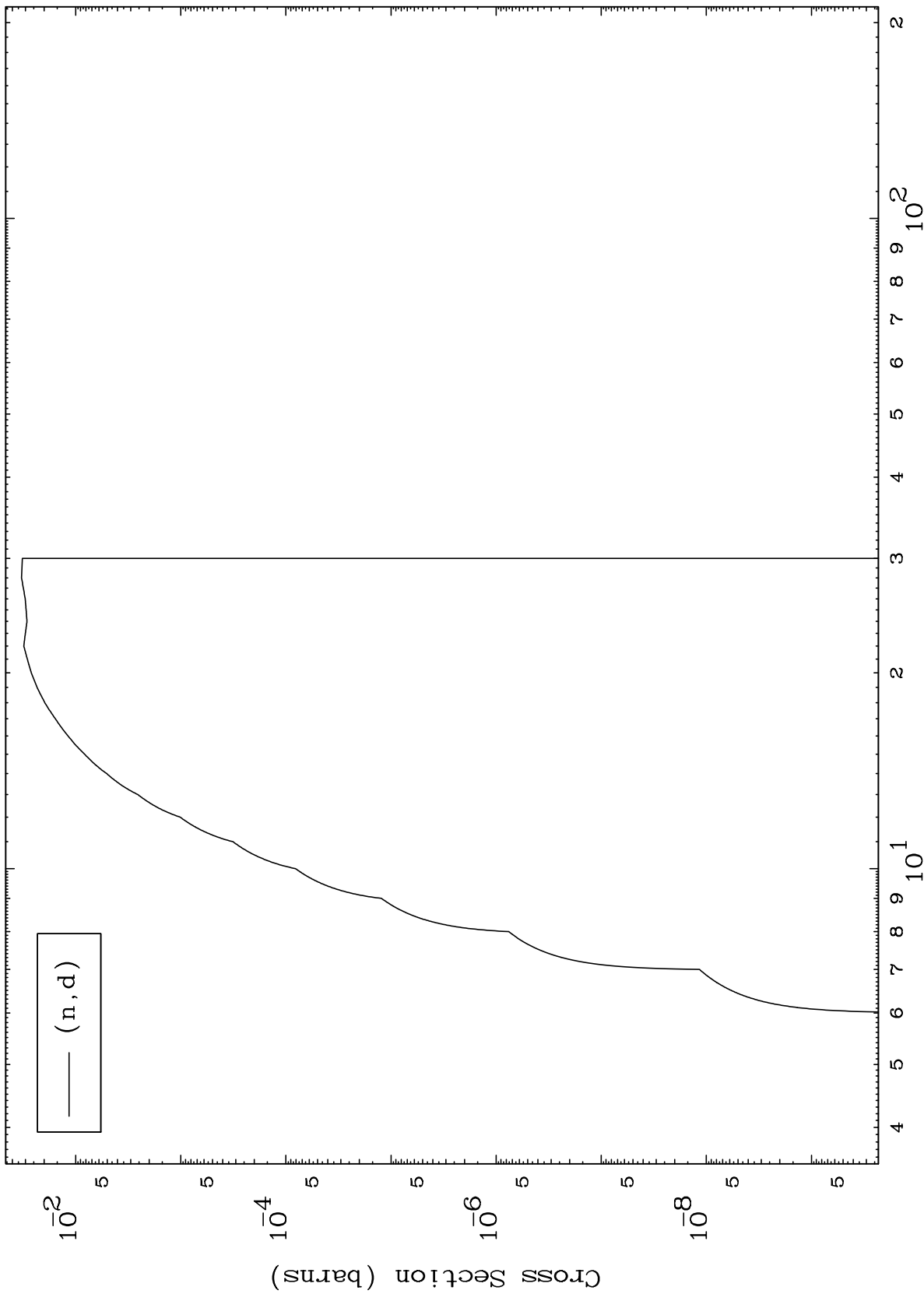
0 Kelvin Cross Sections



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44-Ru-105

(p,d) Levels
0 Kelvin Cross Sections



44-Ru-105

Incident Energy (MeV)

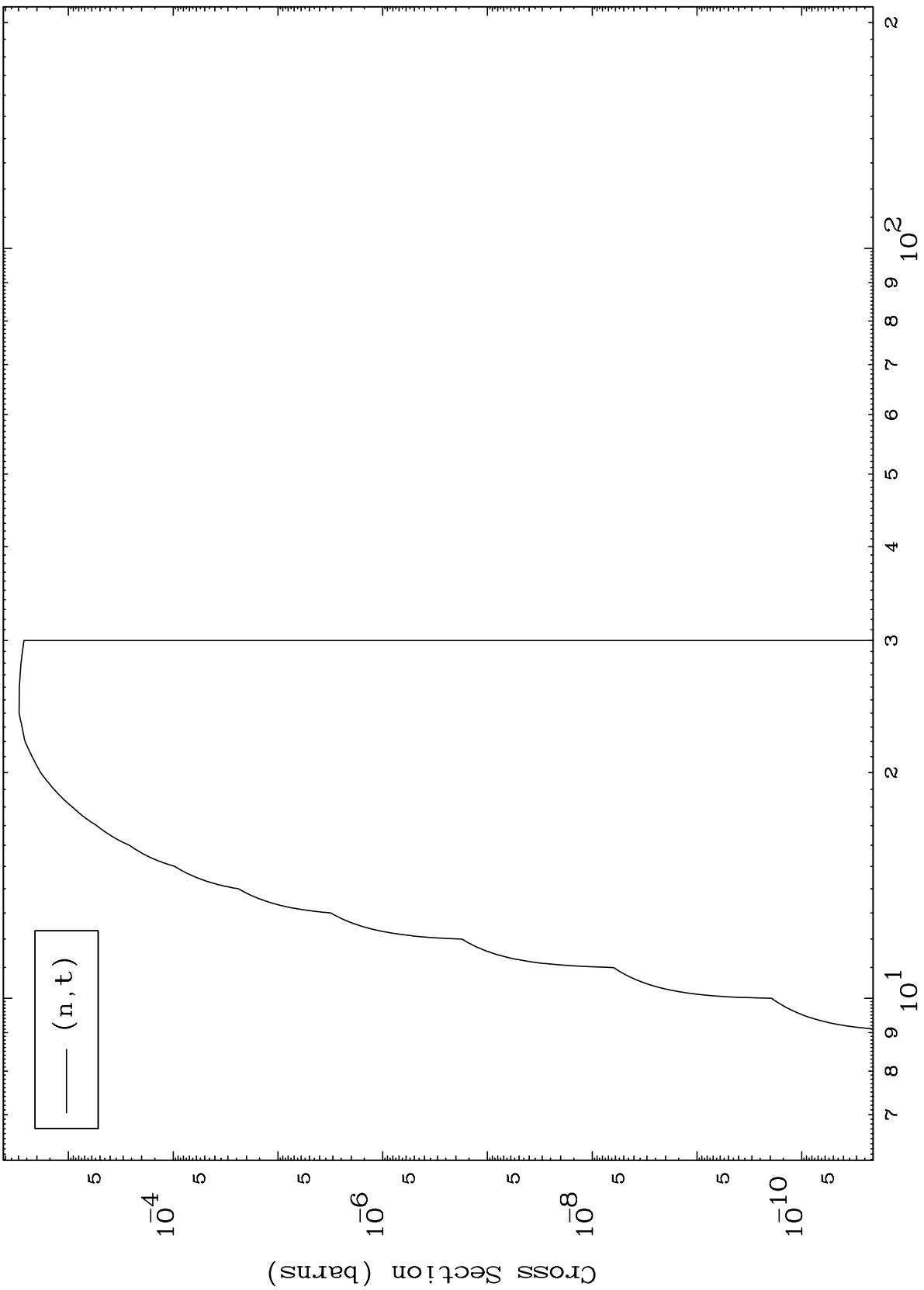
8

MAT 4452

(p, t) Levels

44-Ru-105

0 Kelvin Cross Sections



9

Incident Energy (MeV)

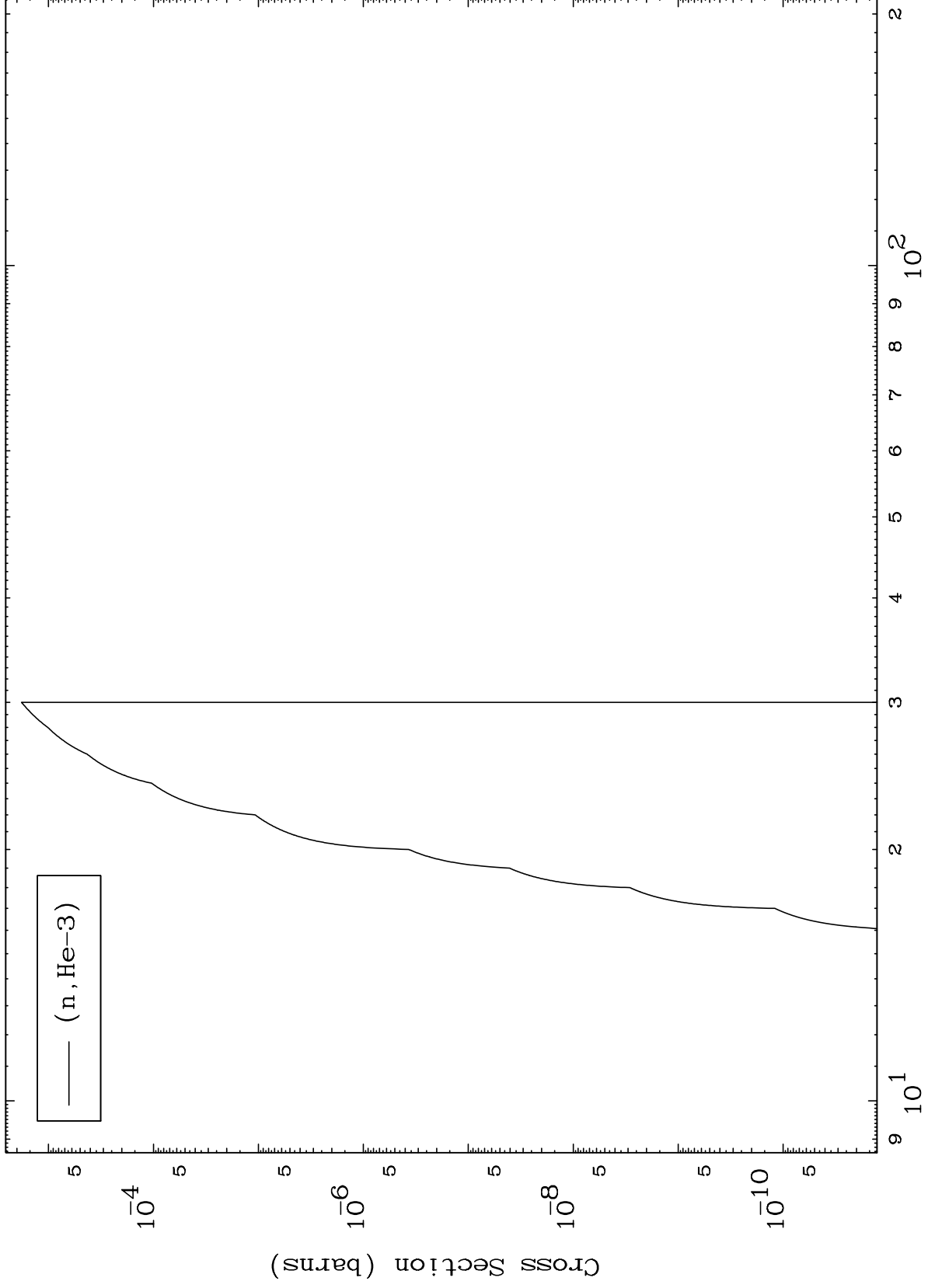
44-Ru-105

MAT 4452

(p,He3) Levels

44-Ru-105

0 Kelvin Cross Sections



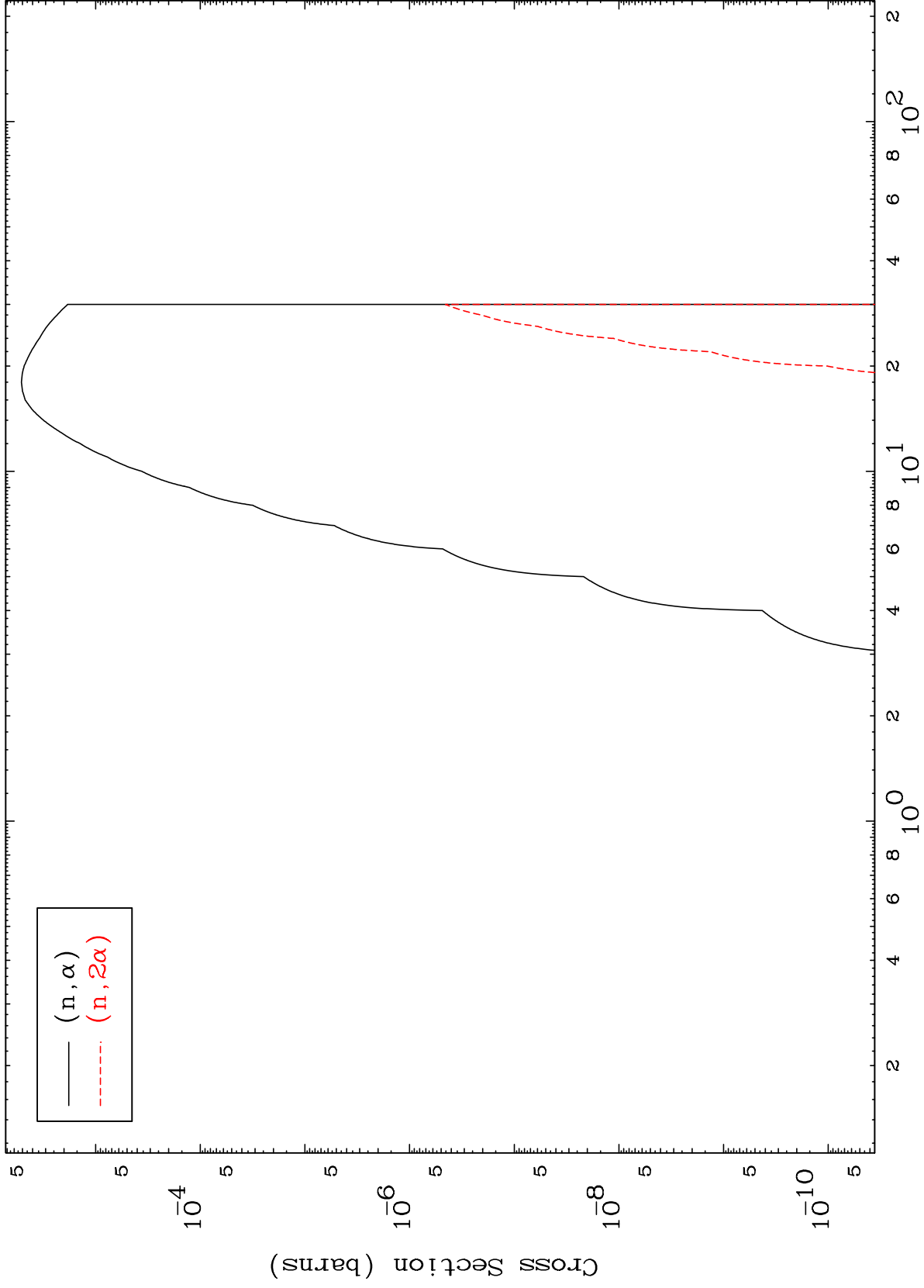
Incident Energy (MeV)

44-Ru-105

MAT 4452

(p, α) Levels
0 Kelvin Cross Sections

44-Ru-105



11

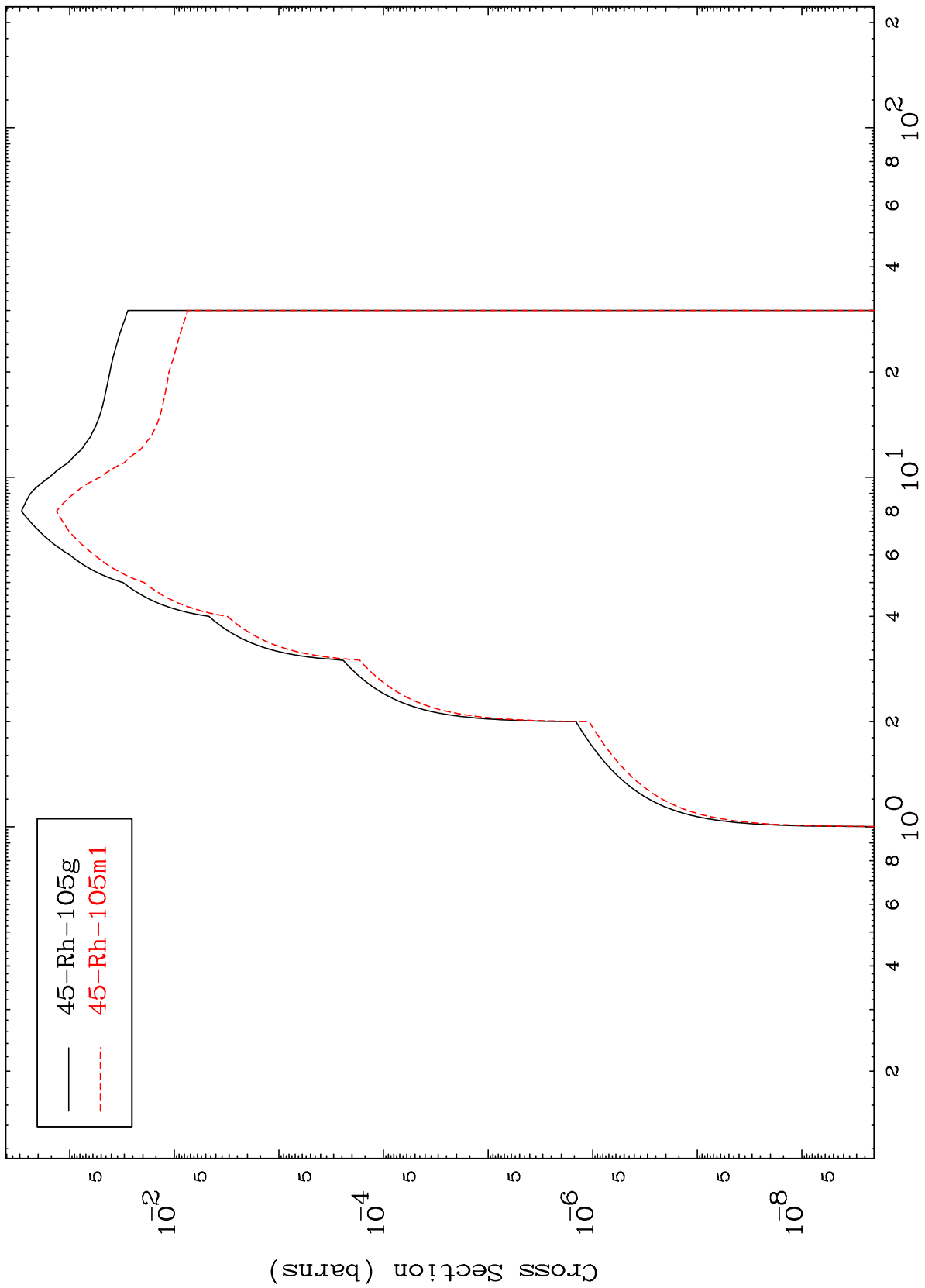
Incident Energy (MeV)

44-Ru-105

MAT 4452

44-Ru-105

Radionuclide Production Cross Section



44-Ru-105

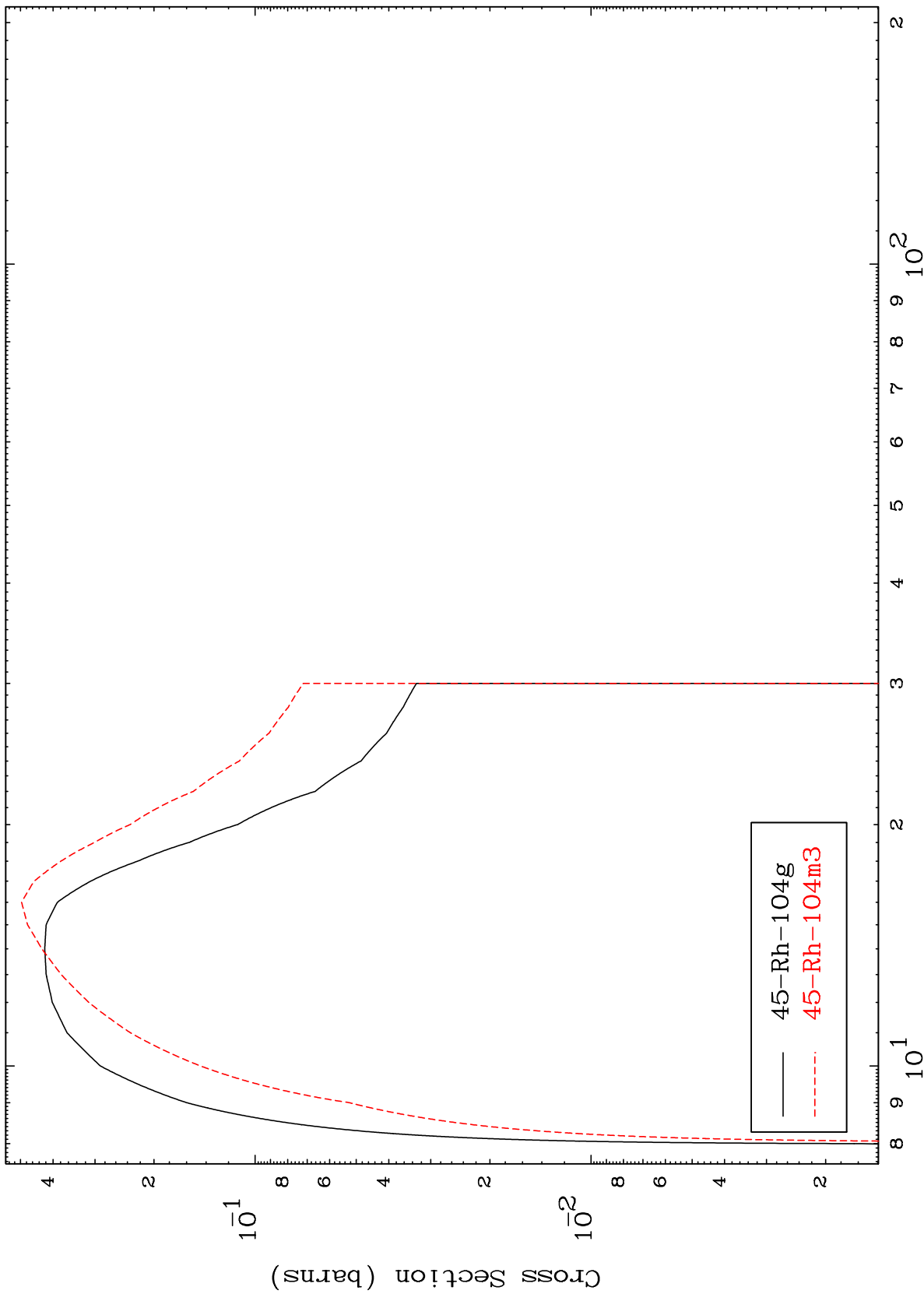
Incident Energy (MeV)

12

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44-Ru-105

(n,2n)
Radionuclide Production Cross Section



44-Ru-105

Incident Energy (MeV)

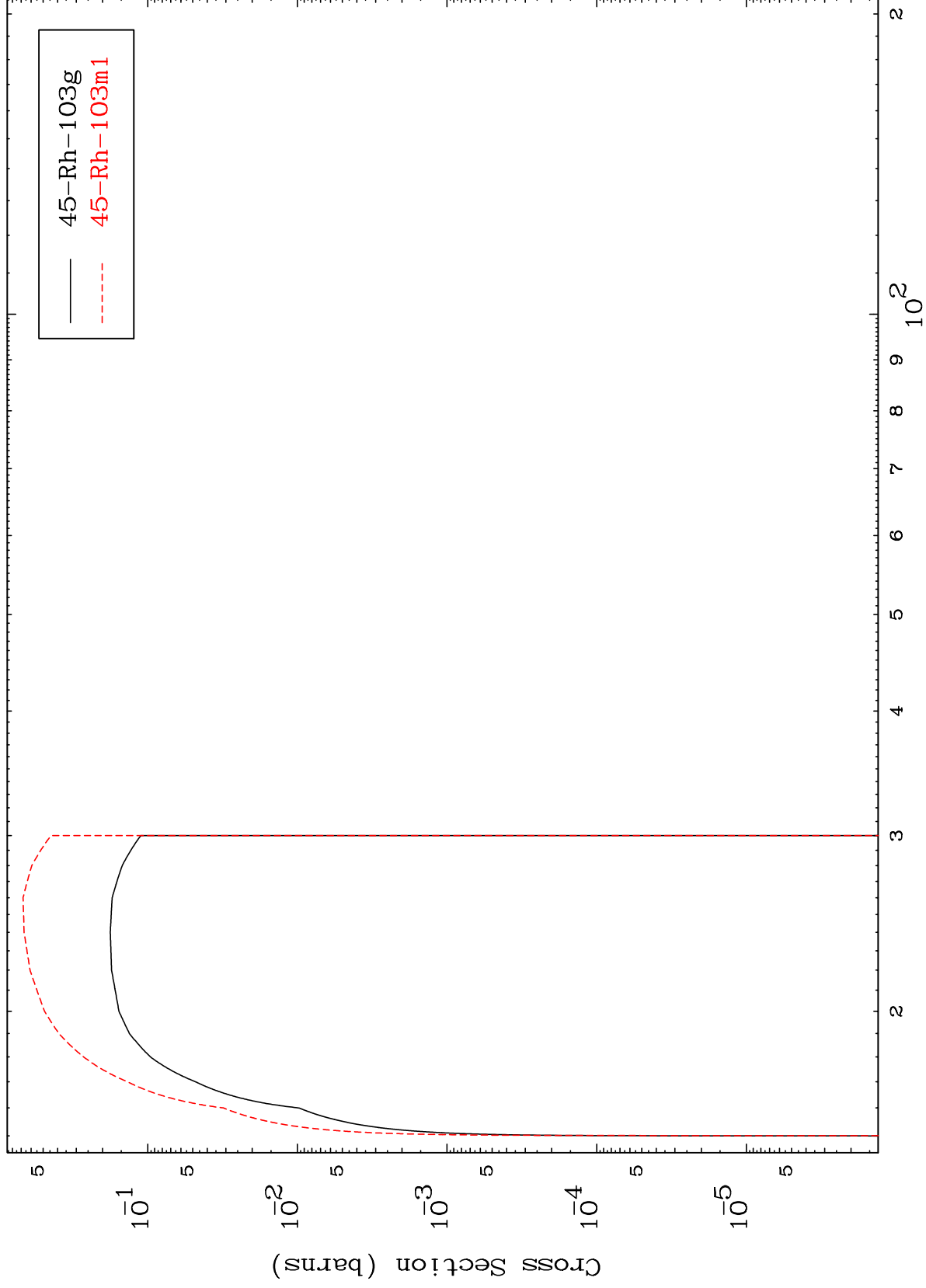
13

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(n,3n)

44-Ru-105

Radionuclide Production Cross Section



14

Incident Energy (MeV)

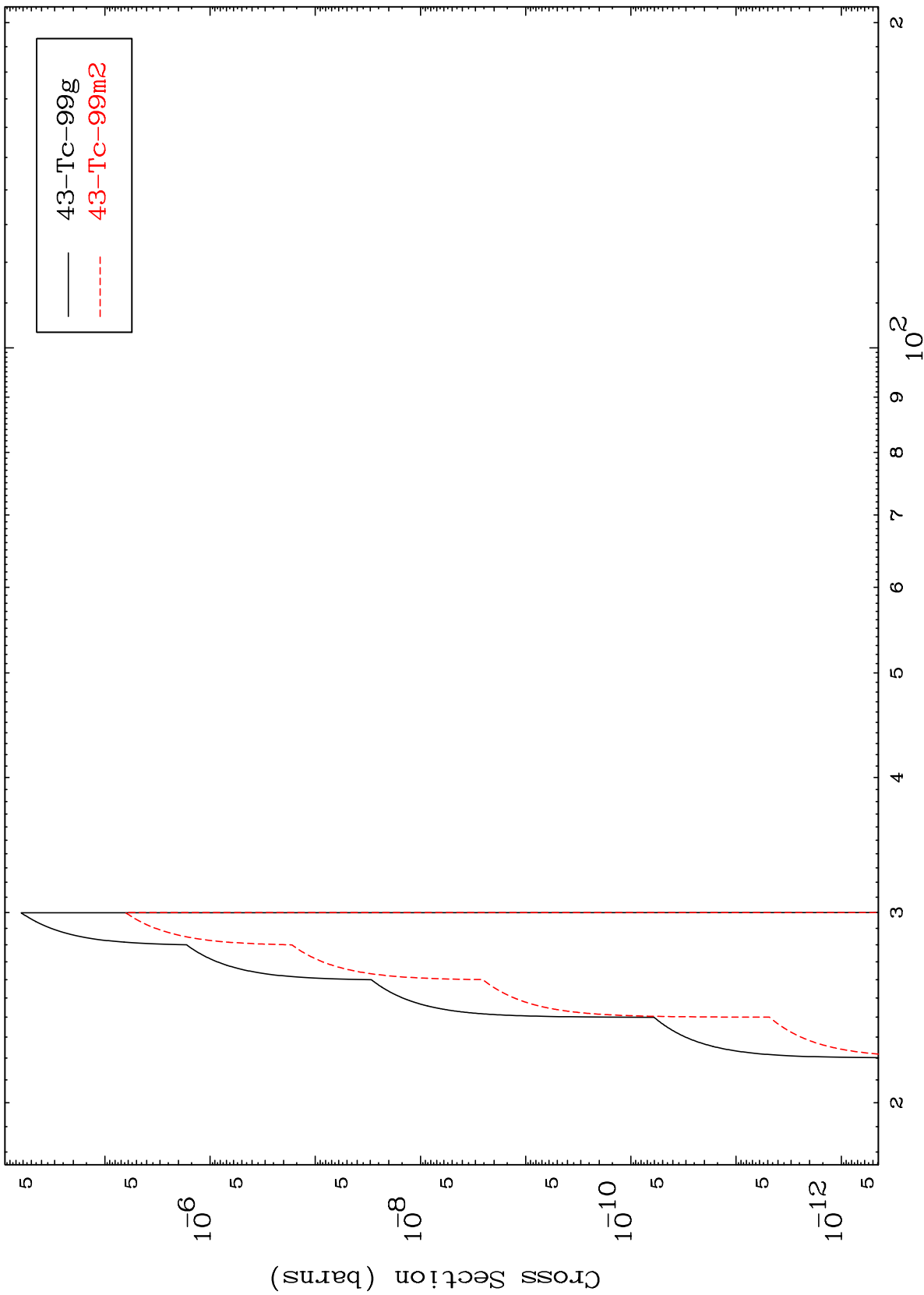
44-Ru-105

MAT 4452

(n,3n) α

44-Ru-105

Radionuclide Production Cross Section



15

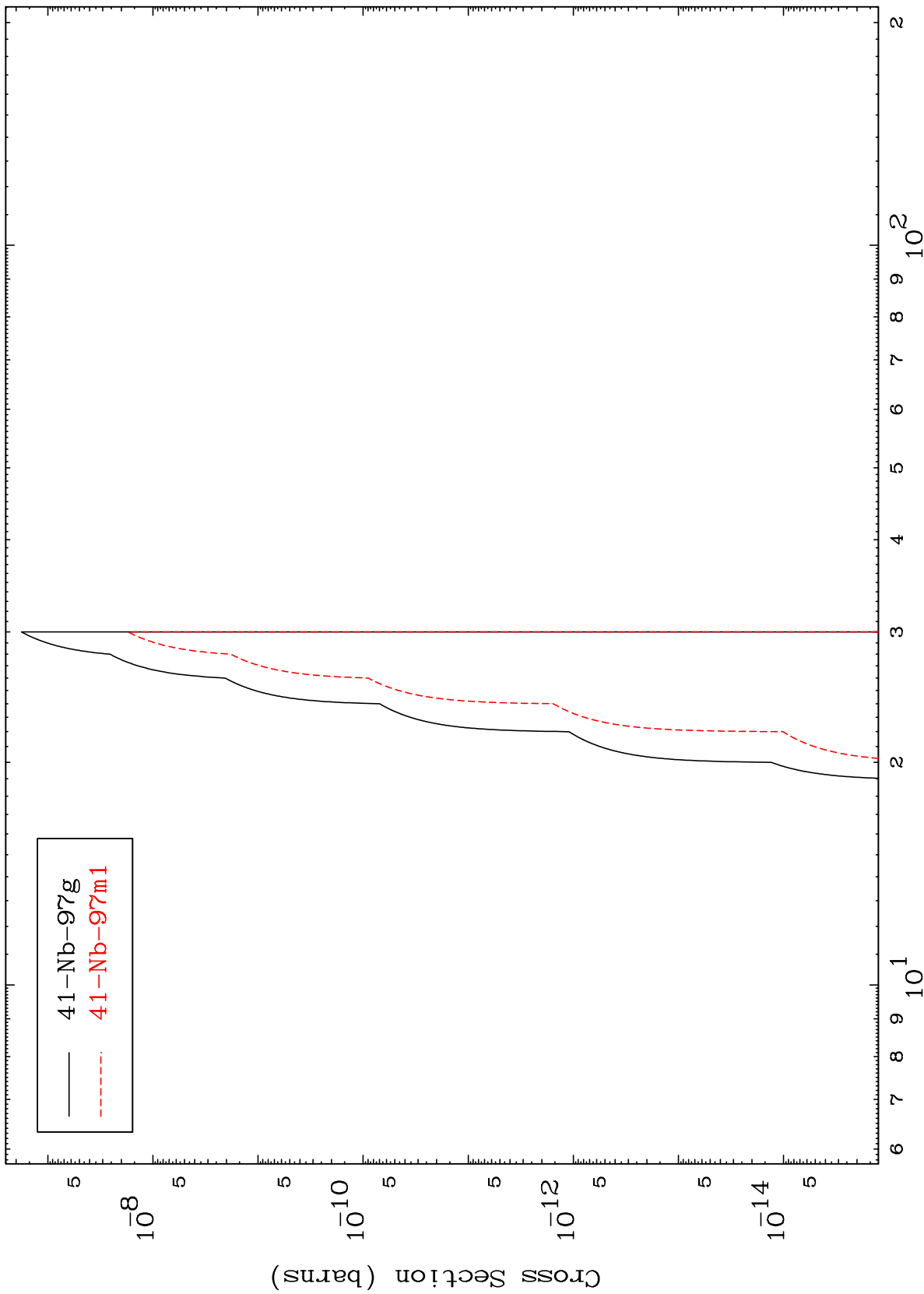
Incident Energy (MeV)

44-Ru-105

MAT 4452

44-Ru-105

(n,n') 2 α
Radionuclide Production Cross Section



16

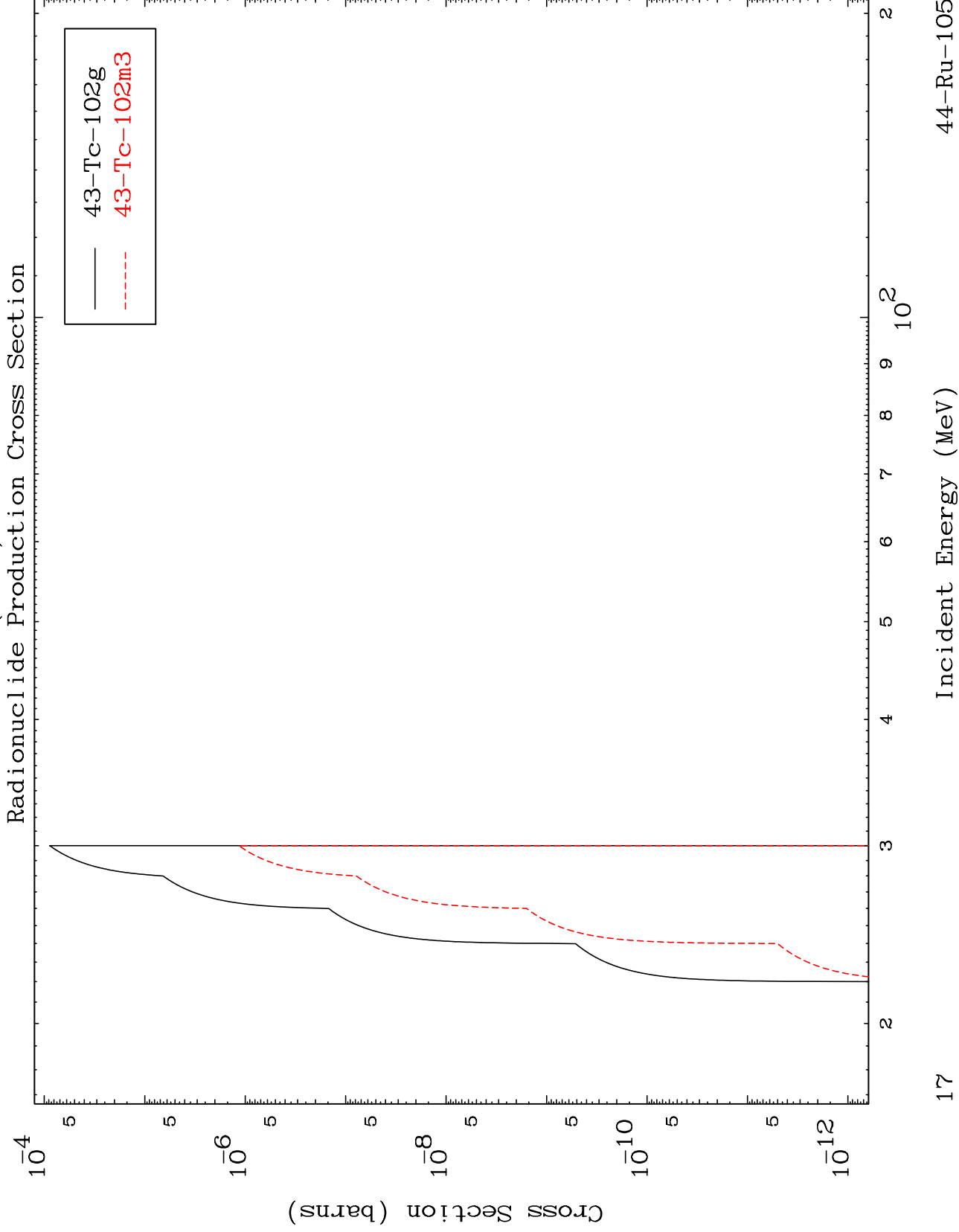
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n,n') He-3

44-Ru-105



17

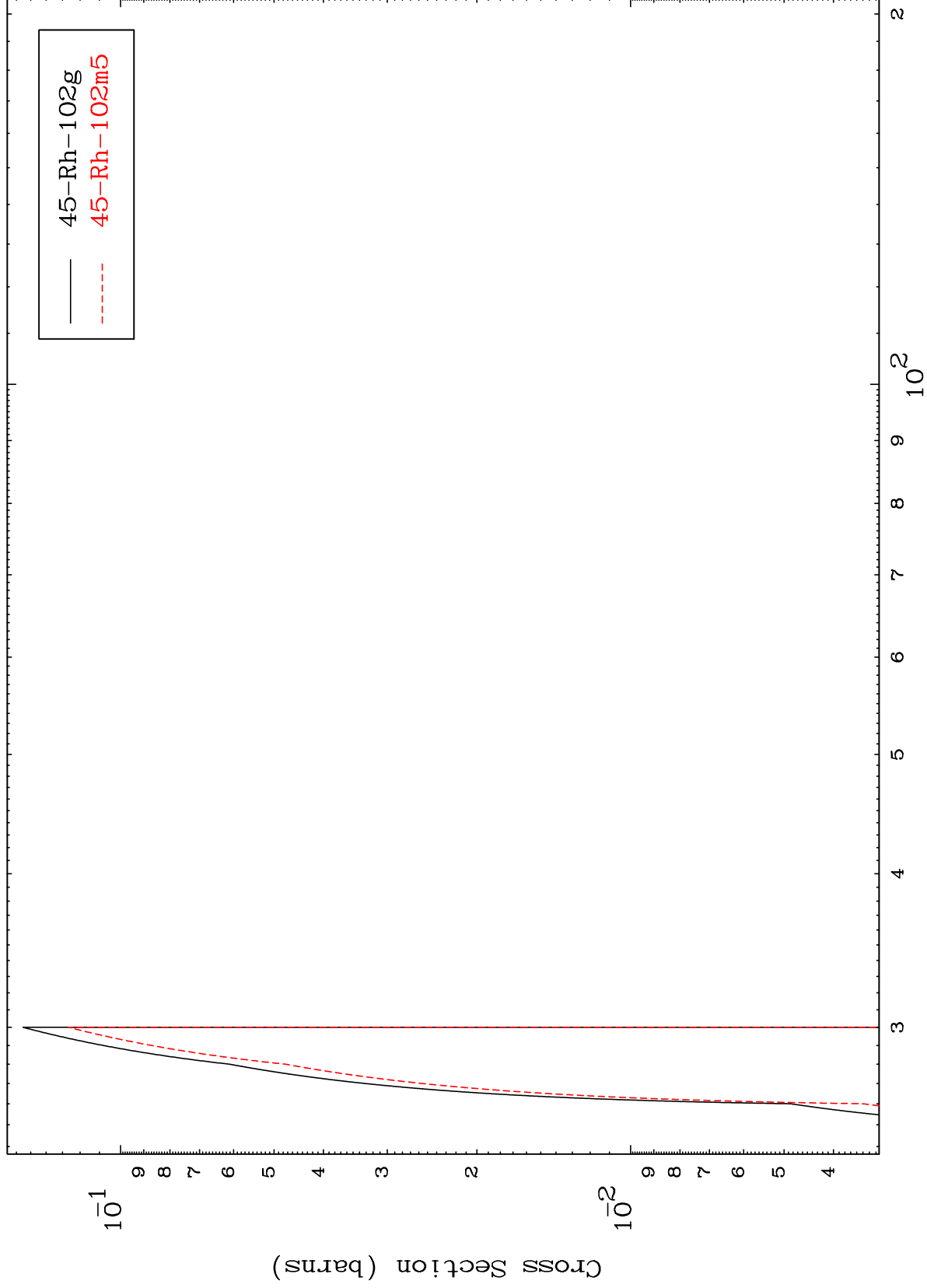
44-Ru-105

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(n,4n)

44-Ru-105

Radionuclide Production Cross Section



18

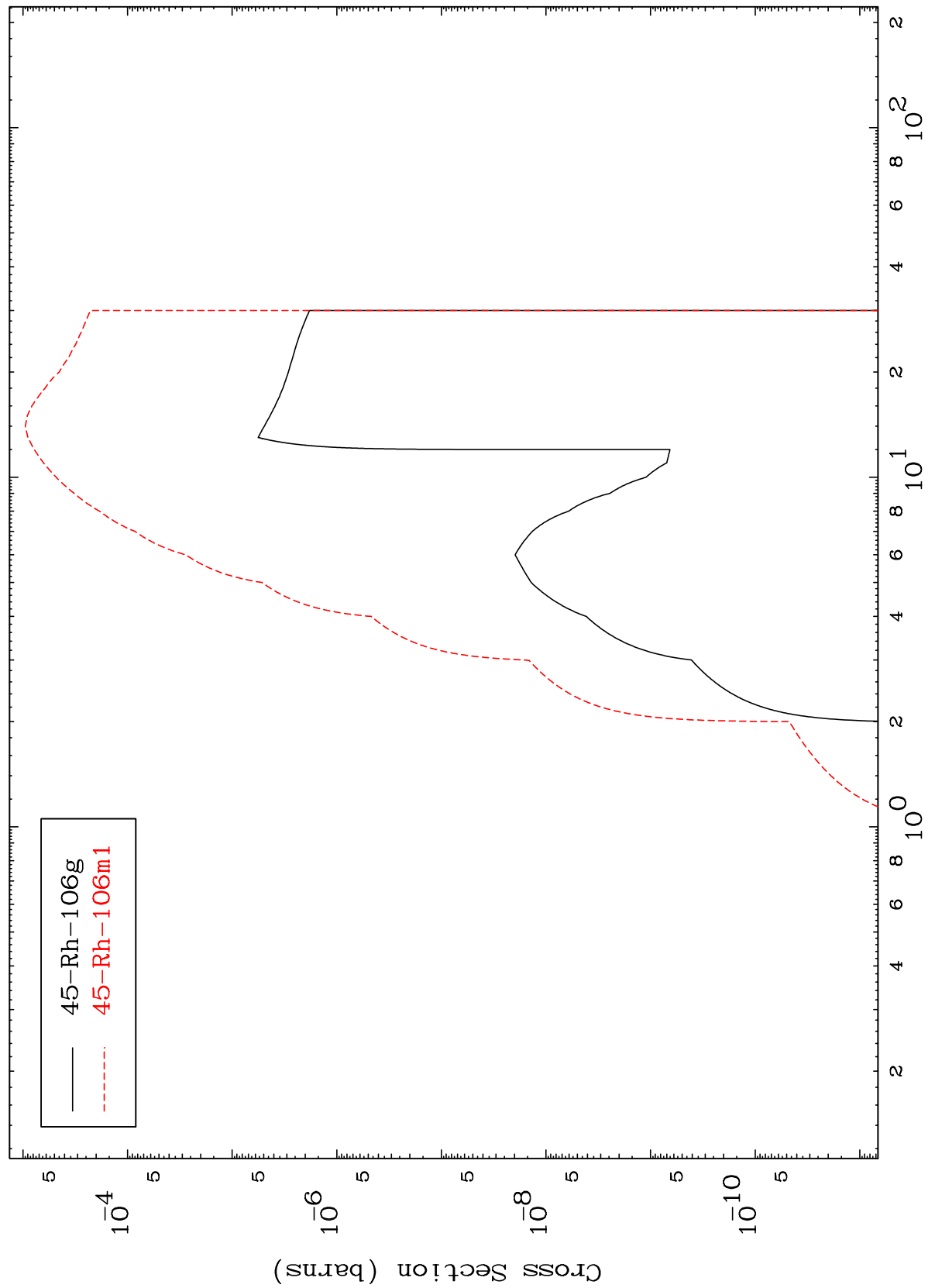
Incident Energy (MeV)

44-Ru-105

MAT 4452

44-Ru-105

(n, γ)
Radionuclide Production Cross Section



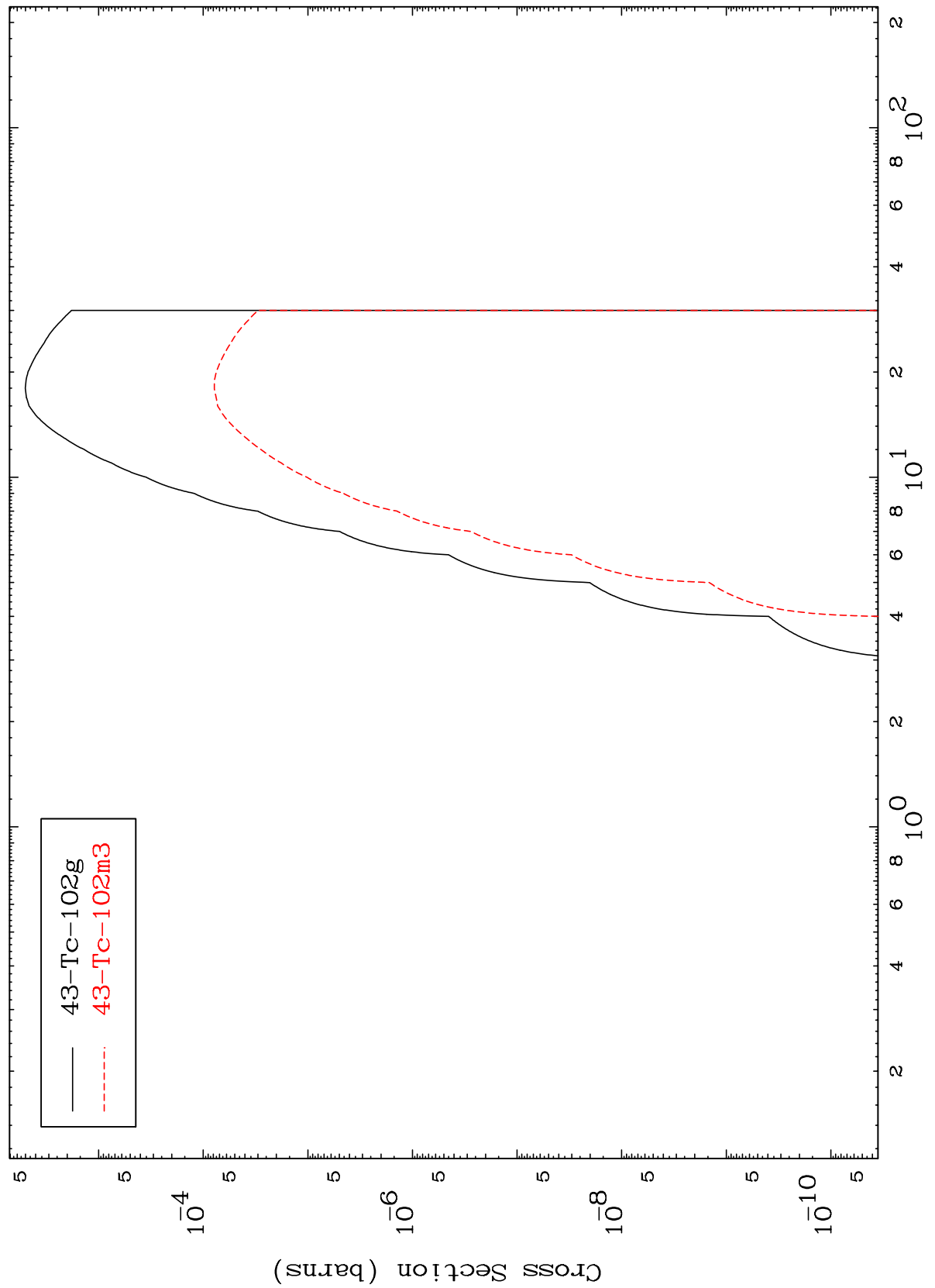
44-Ru-105

Incident Energy (MeV)

MAT 4452

44-Ru-105

(n, α)
Radionuclide Production Cross Section



— 43-Tc-102g
- - - 43-Tc-102m3

20

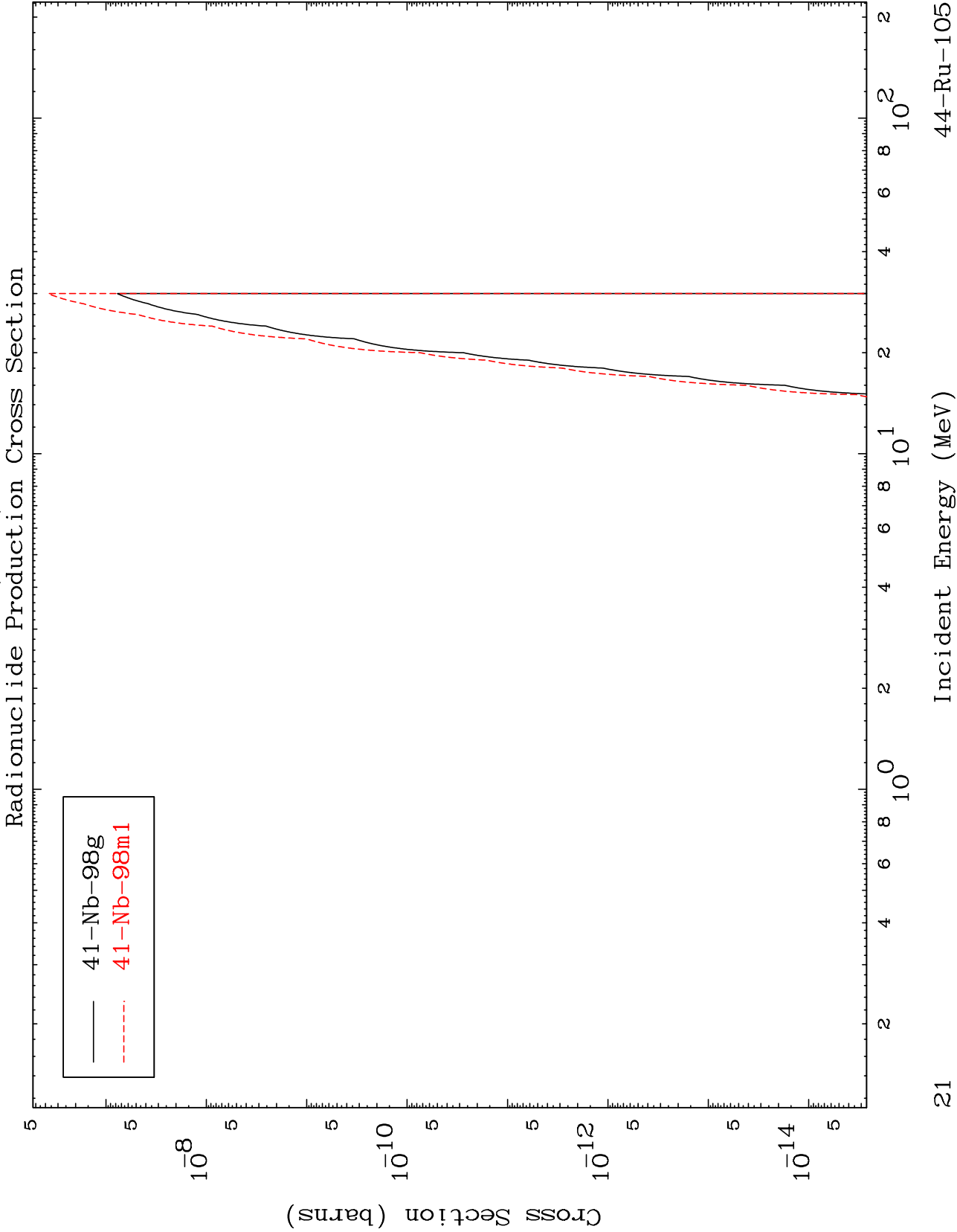
Incident Energy (MeV)

44-Ru-105

MAT 4452

(n,2α)

44-Ru-105

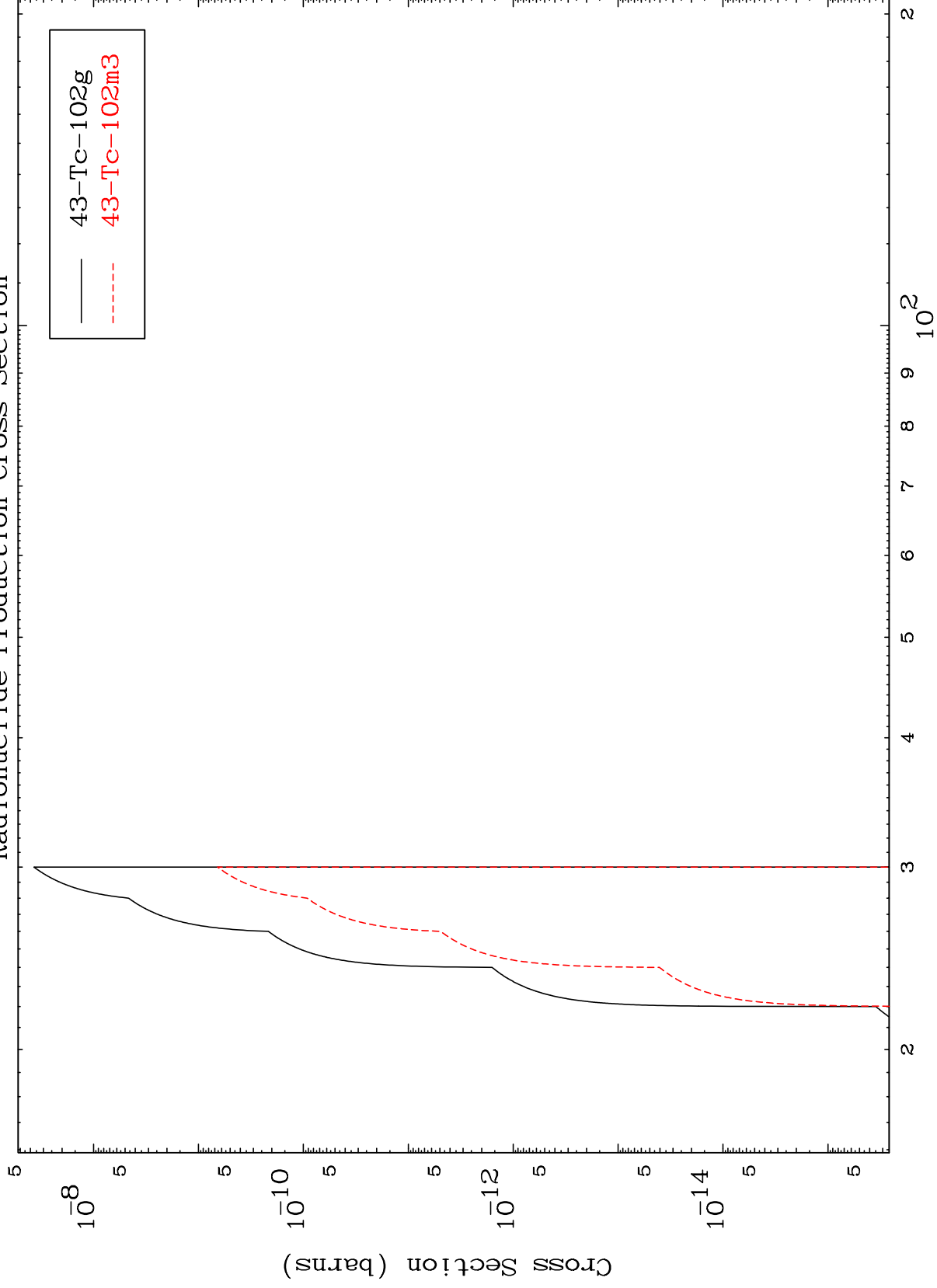


MAT 4452

(n,p) t

44-Ru-105

Radionuclide Production Cross Section



22

Incident Energy (MeV)

44-Ru-105