

Program EVALPLOT
(Version 2021-1)

by

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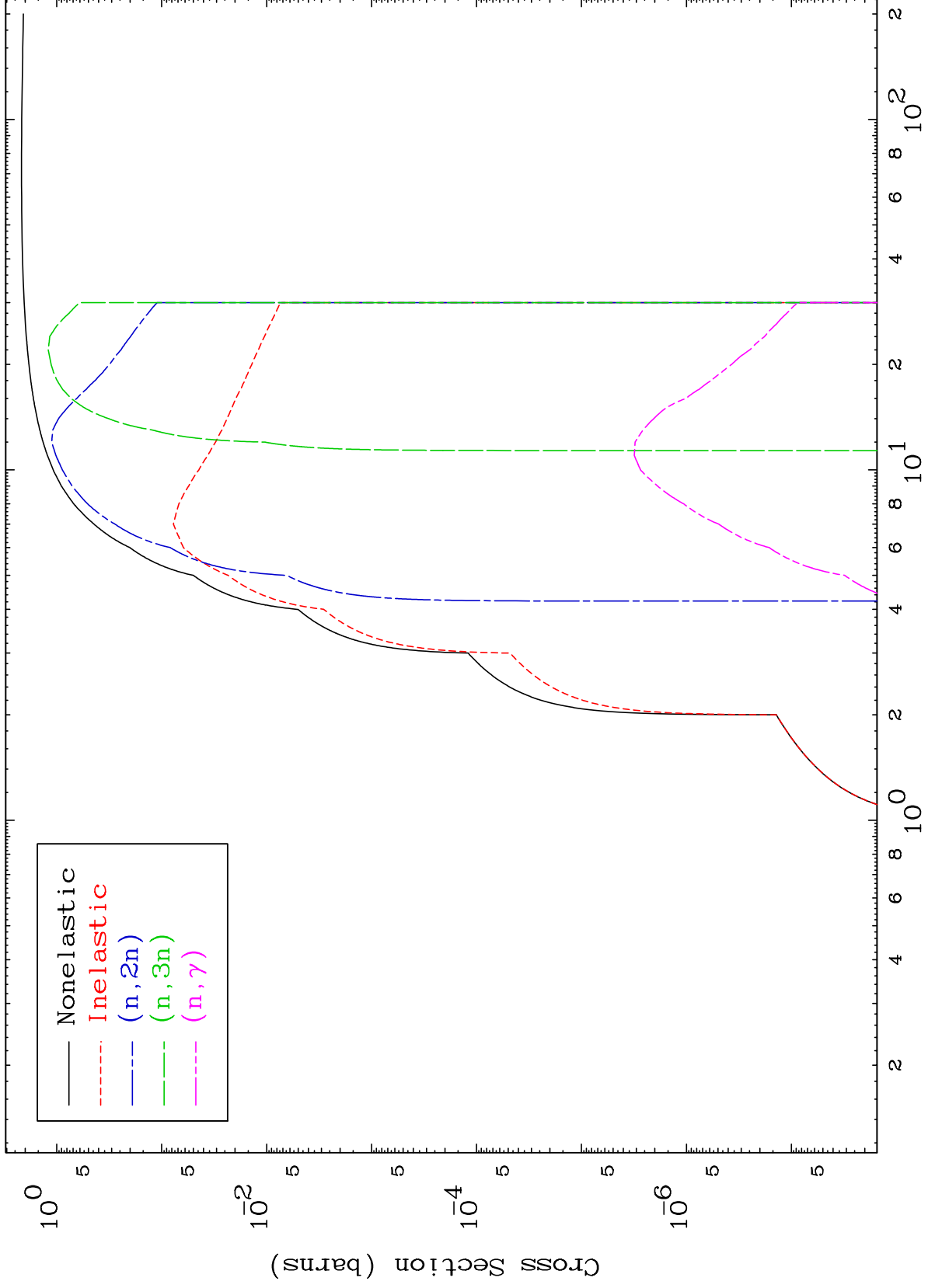
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4449

Deuteron Major
0 Kelvin Cross Sections

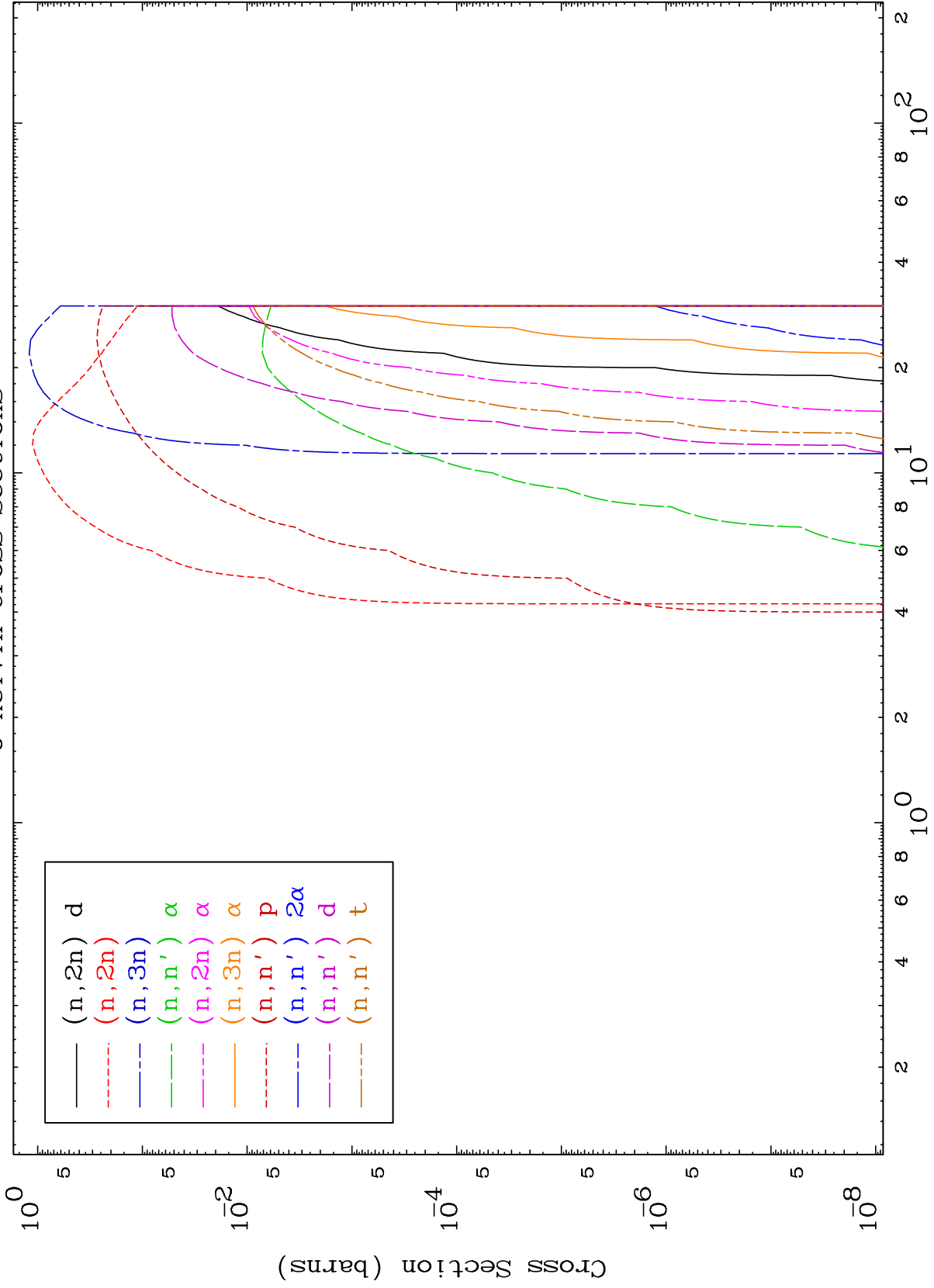
44-Ru-104



MAT 4449

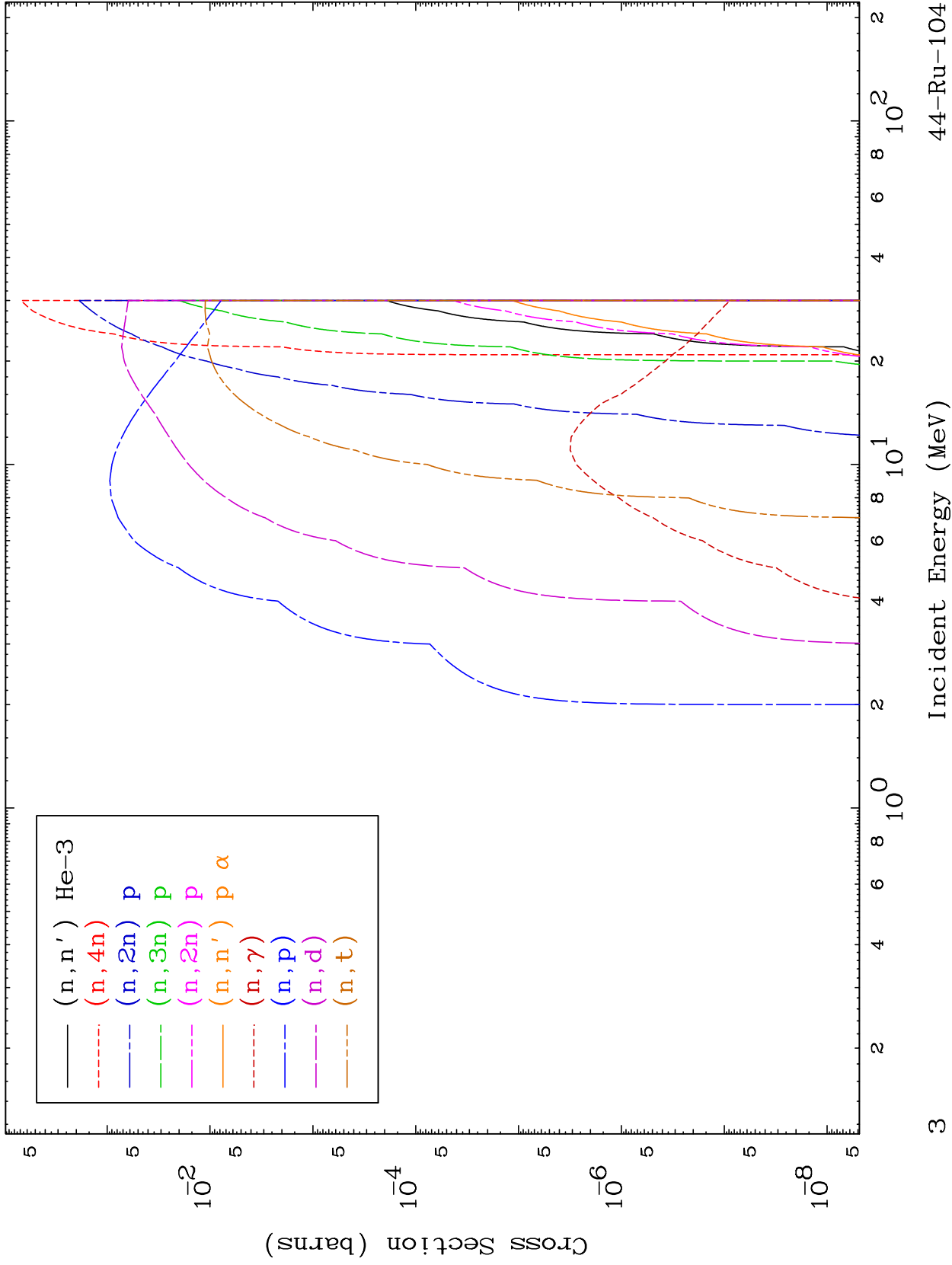
Deuteron Neutron Absorption
0 Kelvin Cross Sections

44-Ru-104



44-Ru-104

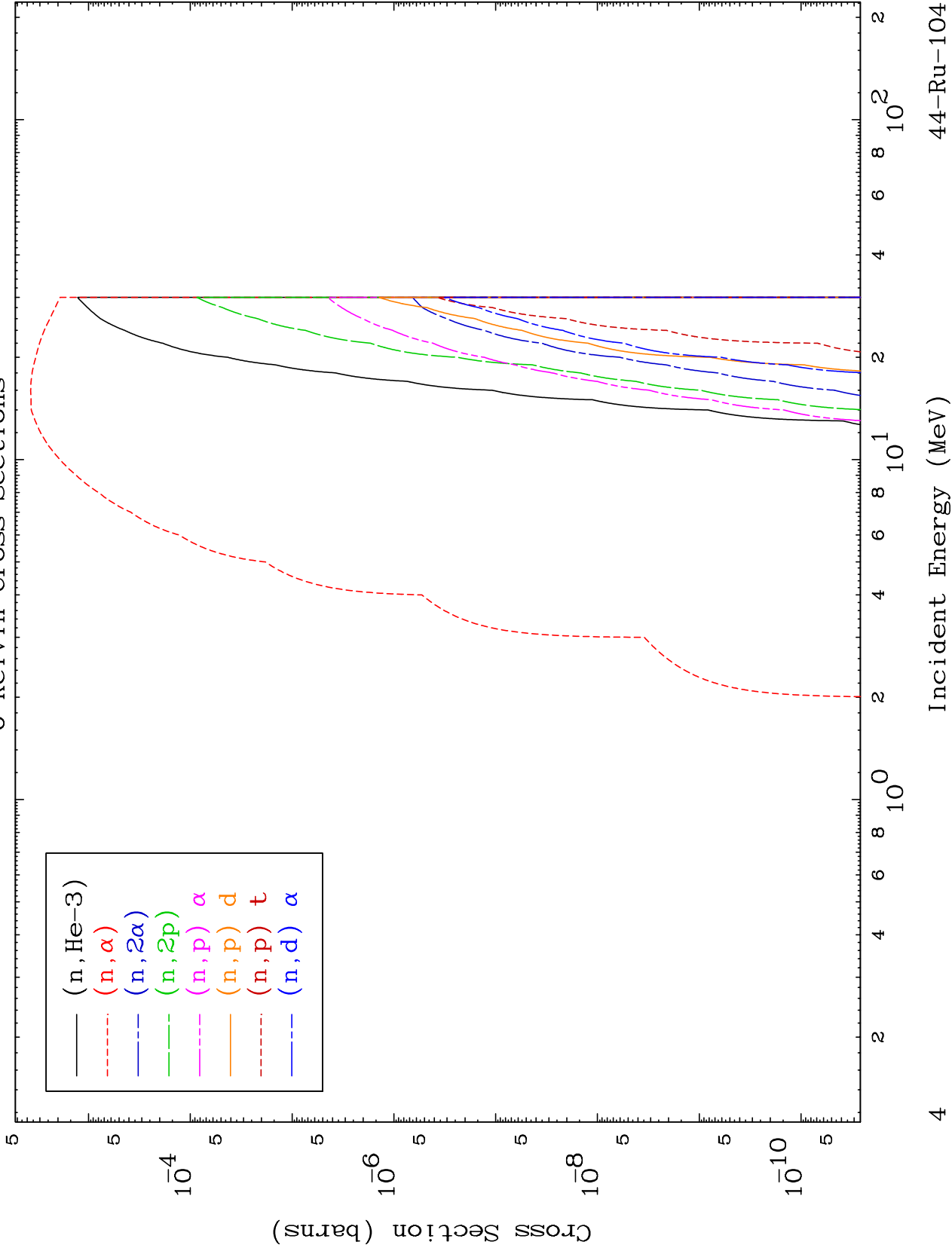
Incident Energy (MeV)

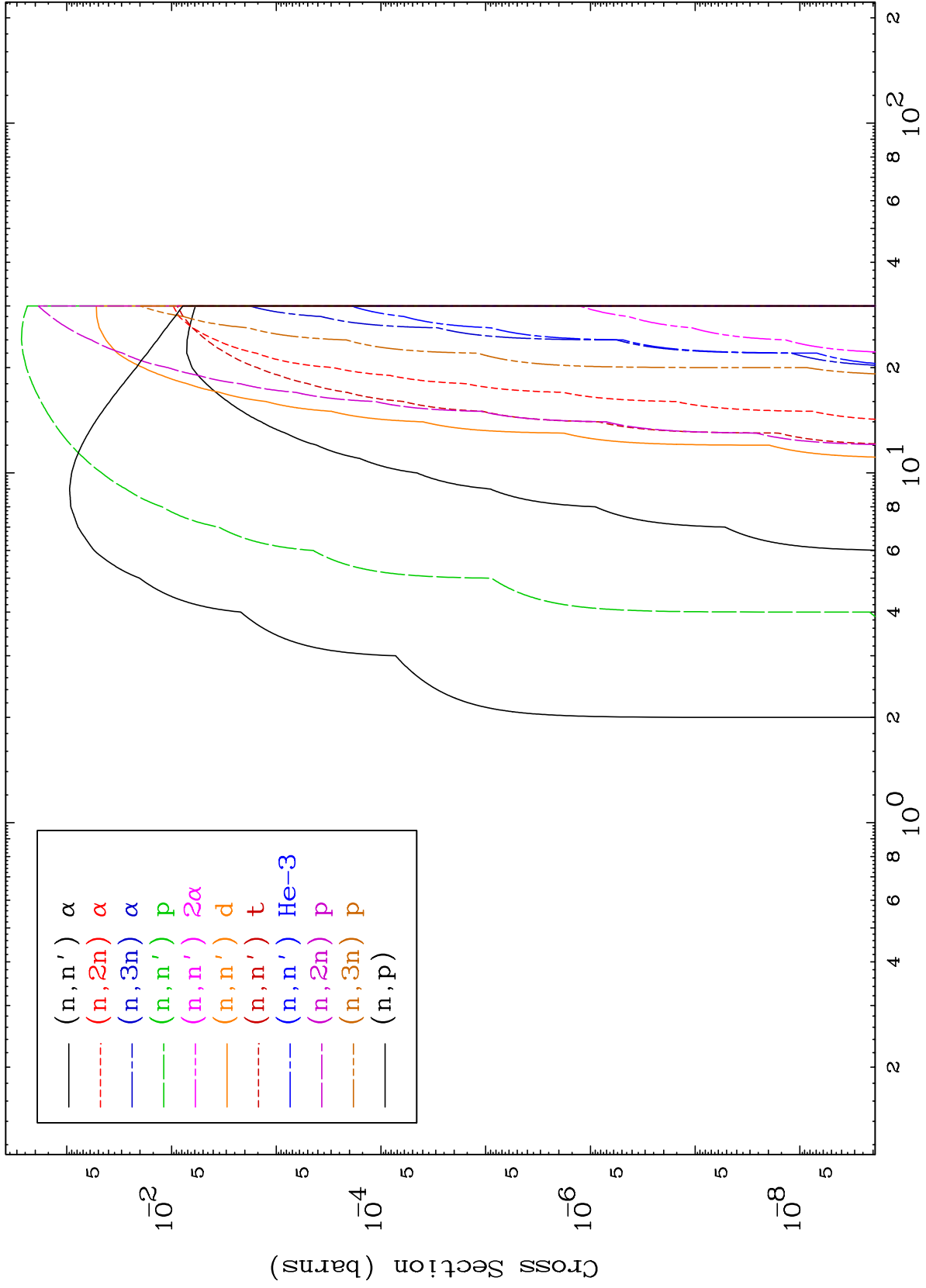


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Deuteron Neutron Absorption
0 Kelvin Cross Sections

44-Ru-104

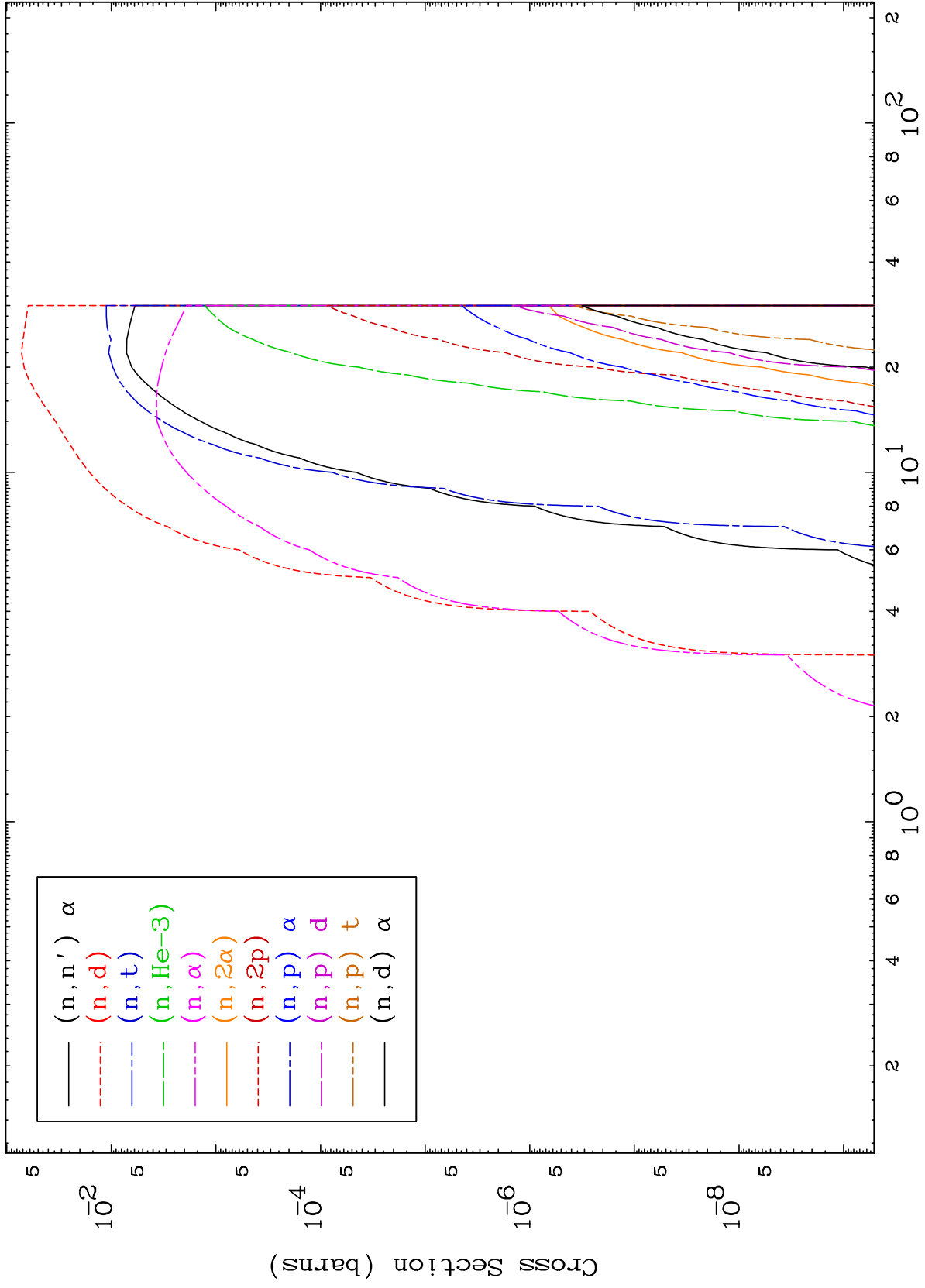




MAT 4449

Deuteron Charged Particle
0 Kelvin Cross Sections

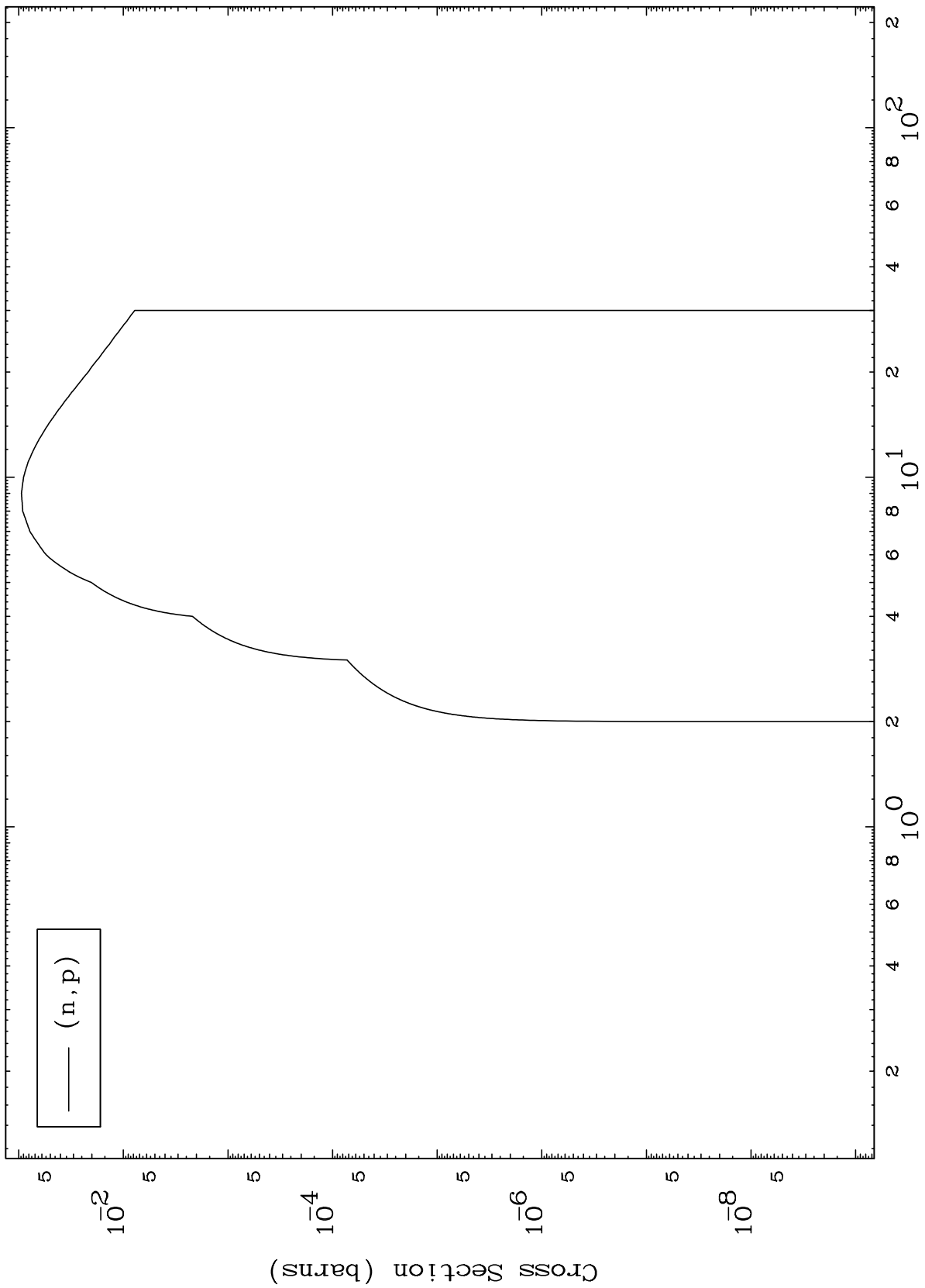
44-Ru-104



MAT 4449

44-Ru-104

(d,p) Levels
0 Kelvin Cross Sections



(n,p)

44-Ru-104

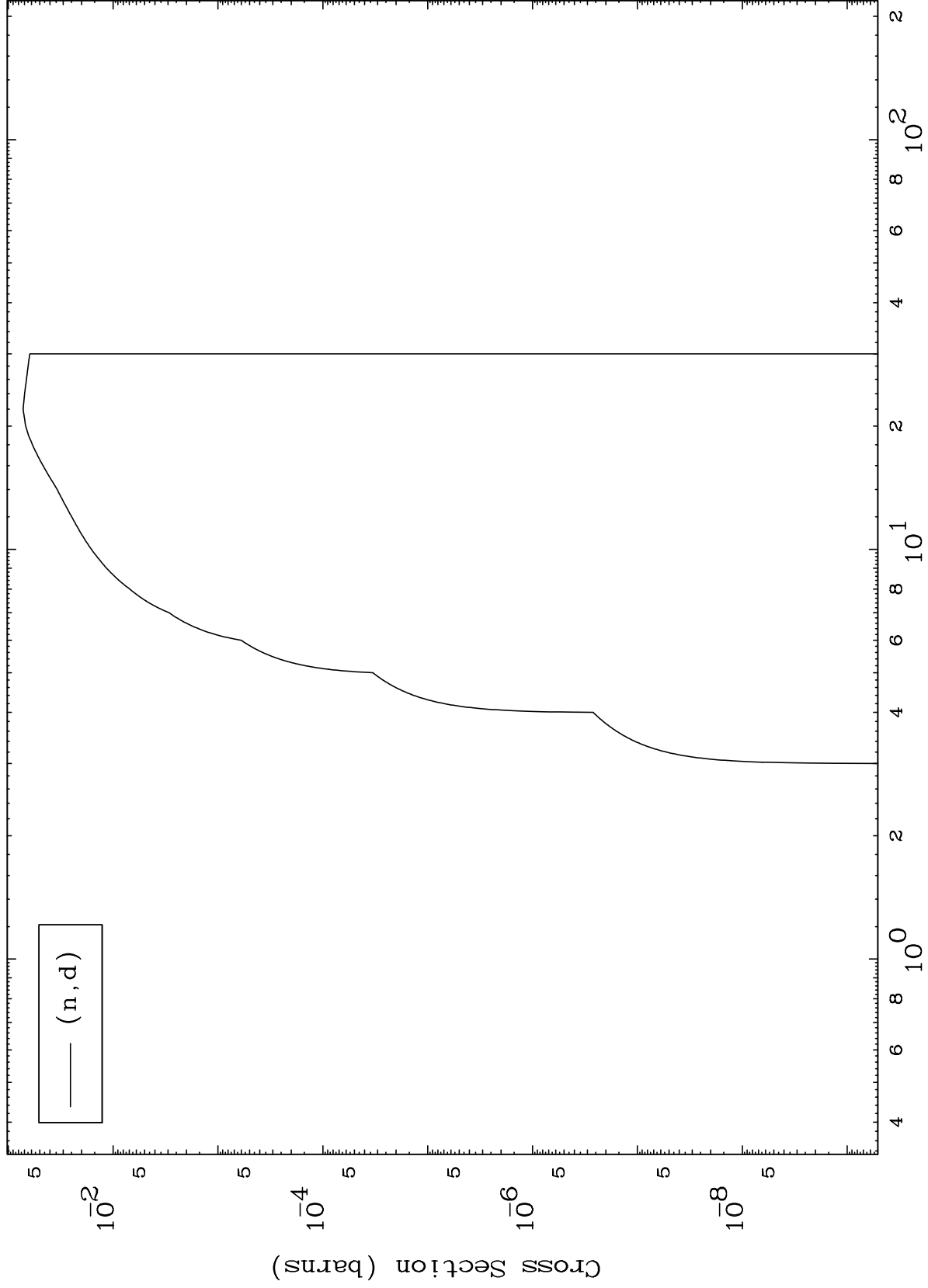
Incident Energy (MeV)

MAT 4449

(d,d) Levels

44-Ru-104

0 Kelvin Cross Sections



8

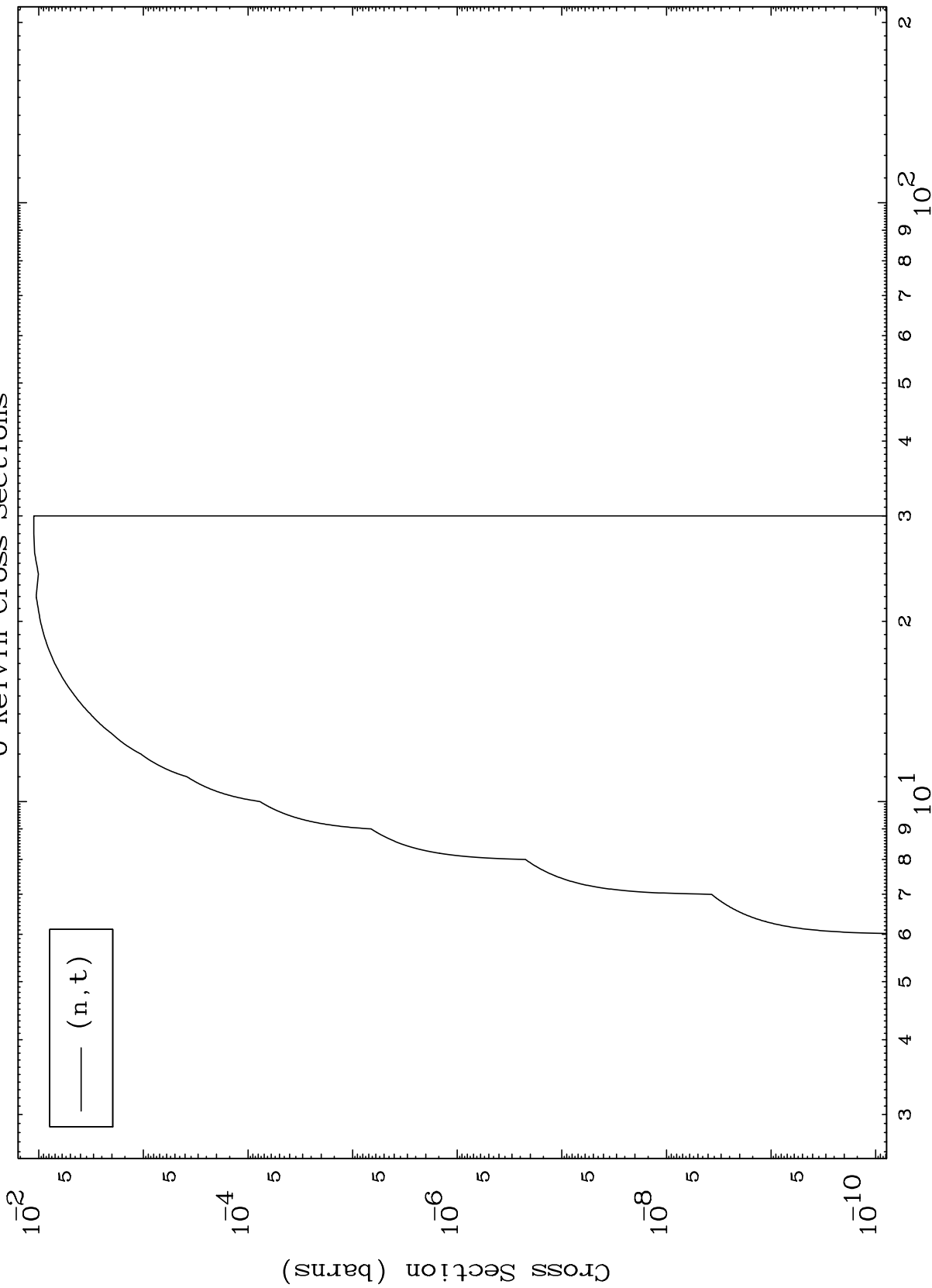
Incident Energy (MeV)

44-Ru-104

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44-Ru-104

(d,t) Levels
0 Kelvin Cross Sections



9

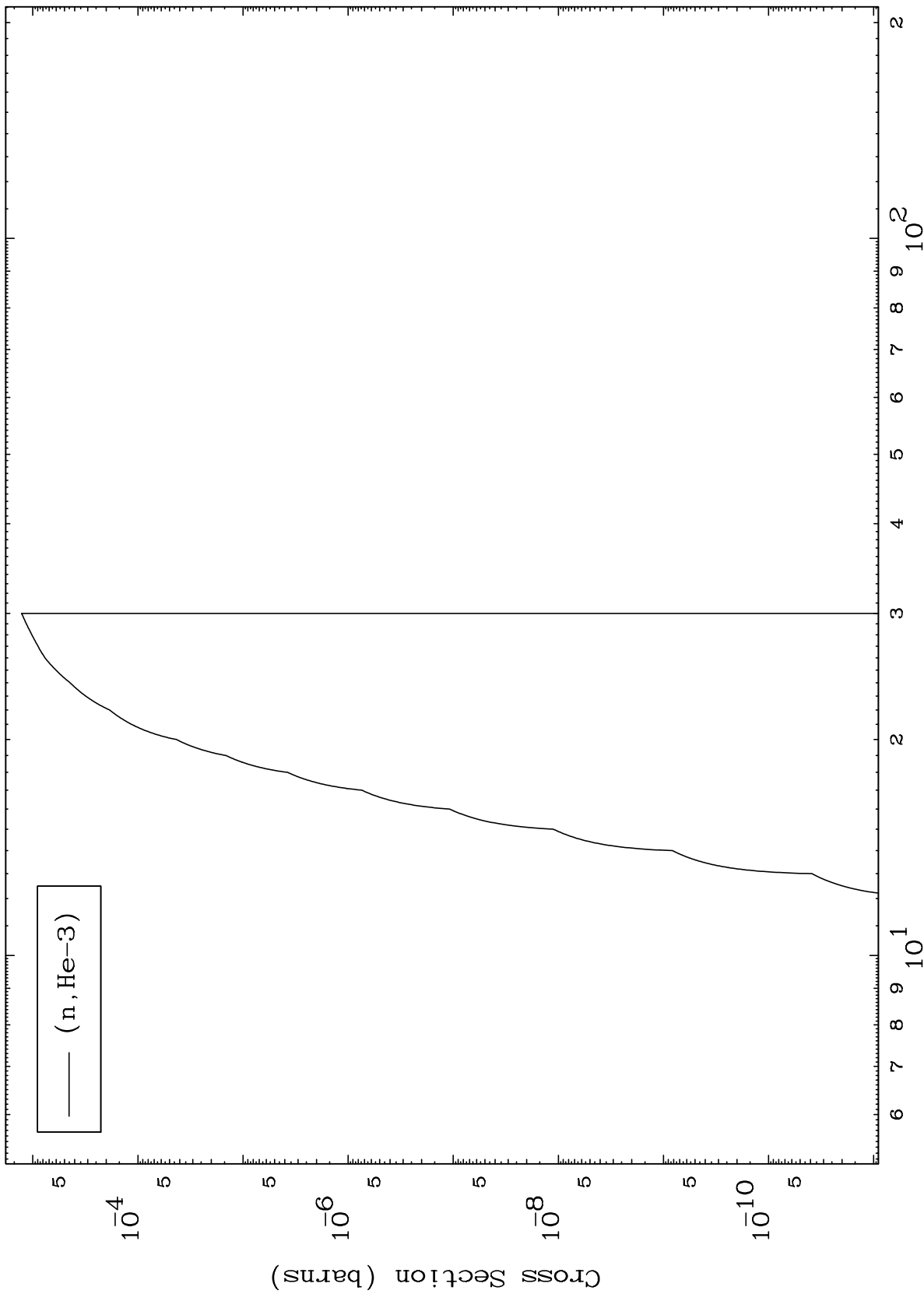
Incident Energy (MeV)

44-Ru-104

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44-Ru-104

(d,He3) Levels
0 Kelvin Cross Sections



44-Ru-104

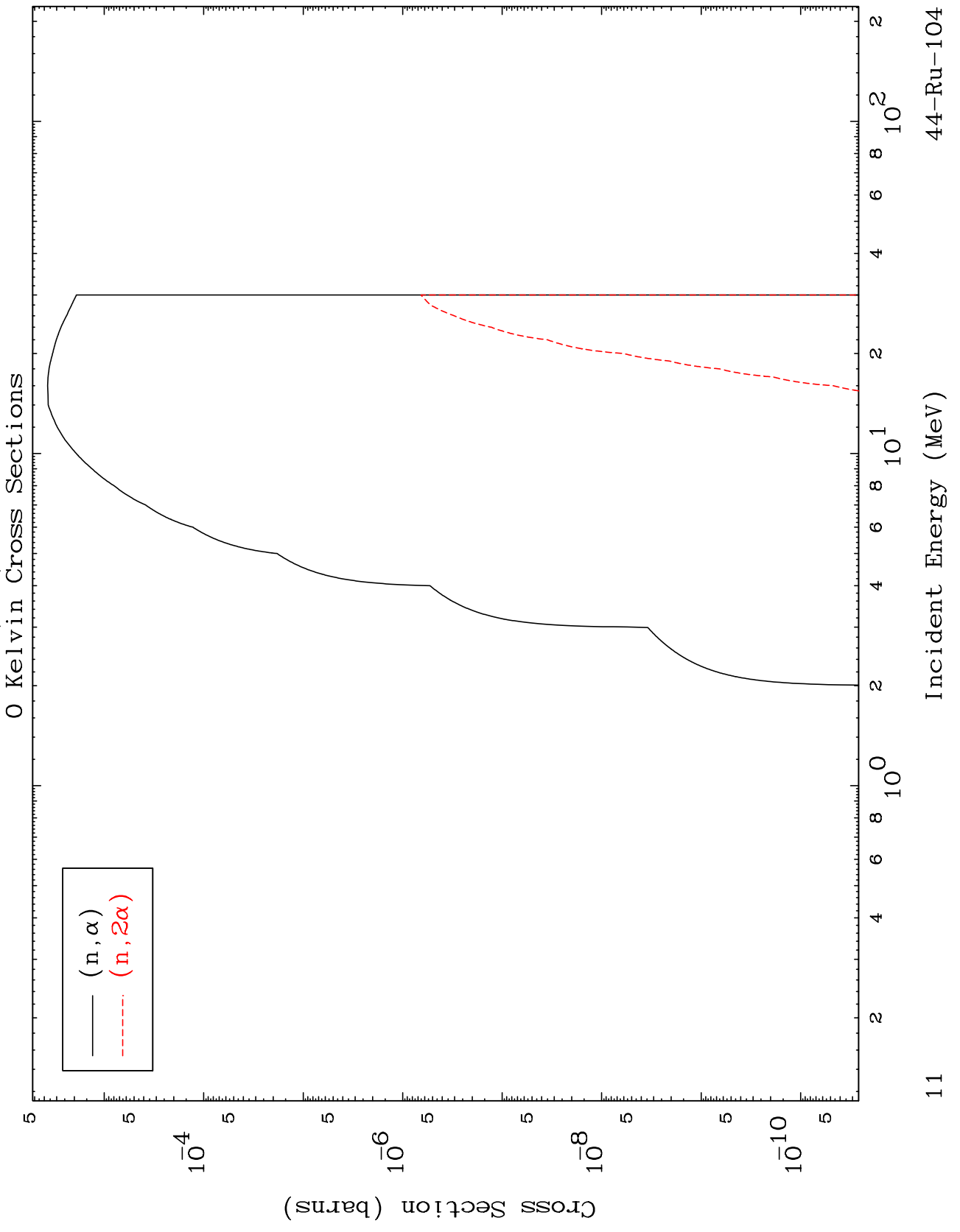
Incident Energy (MeV)

10

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(d, α) Levels

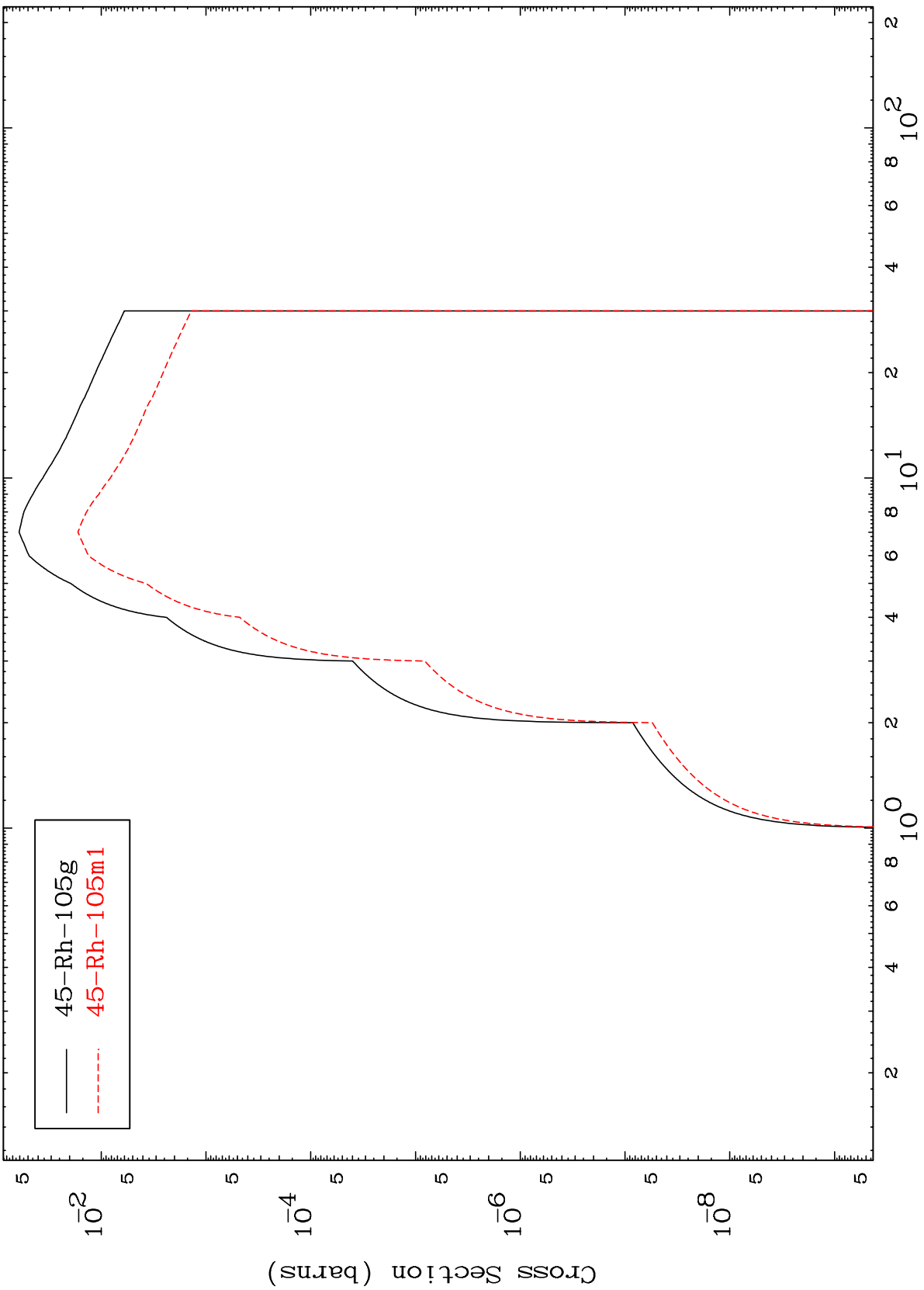
44-Ru-104



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44-Ru-104

Radionuclide Production Cross Section



12

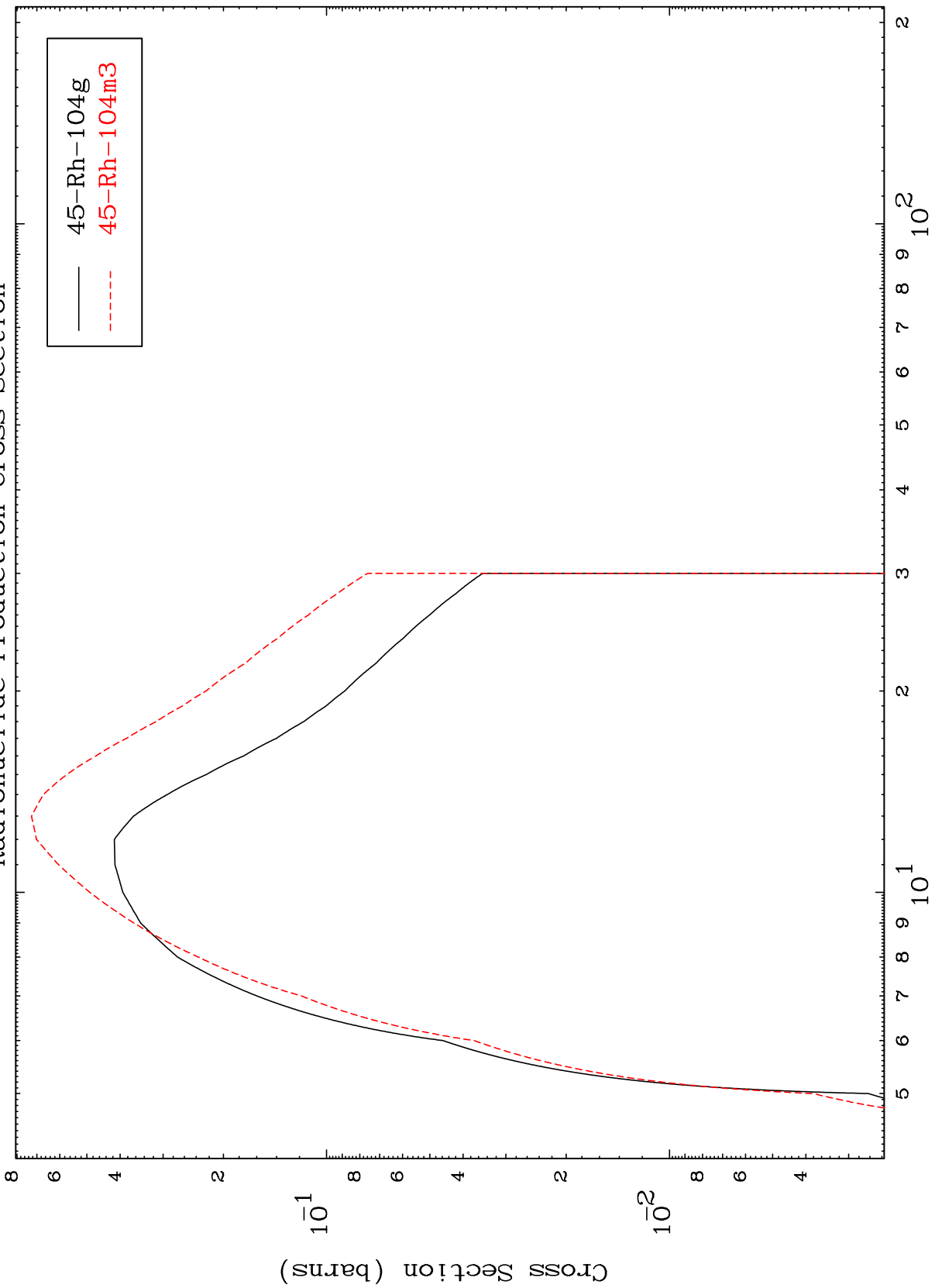
44-Ru-104

Incident Energy (MeV)

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44-Ru-104

(n,2n)
Radionuclide Production Cross Section



13

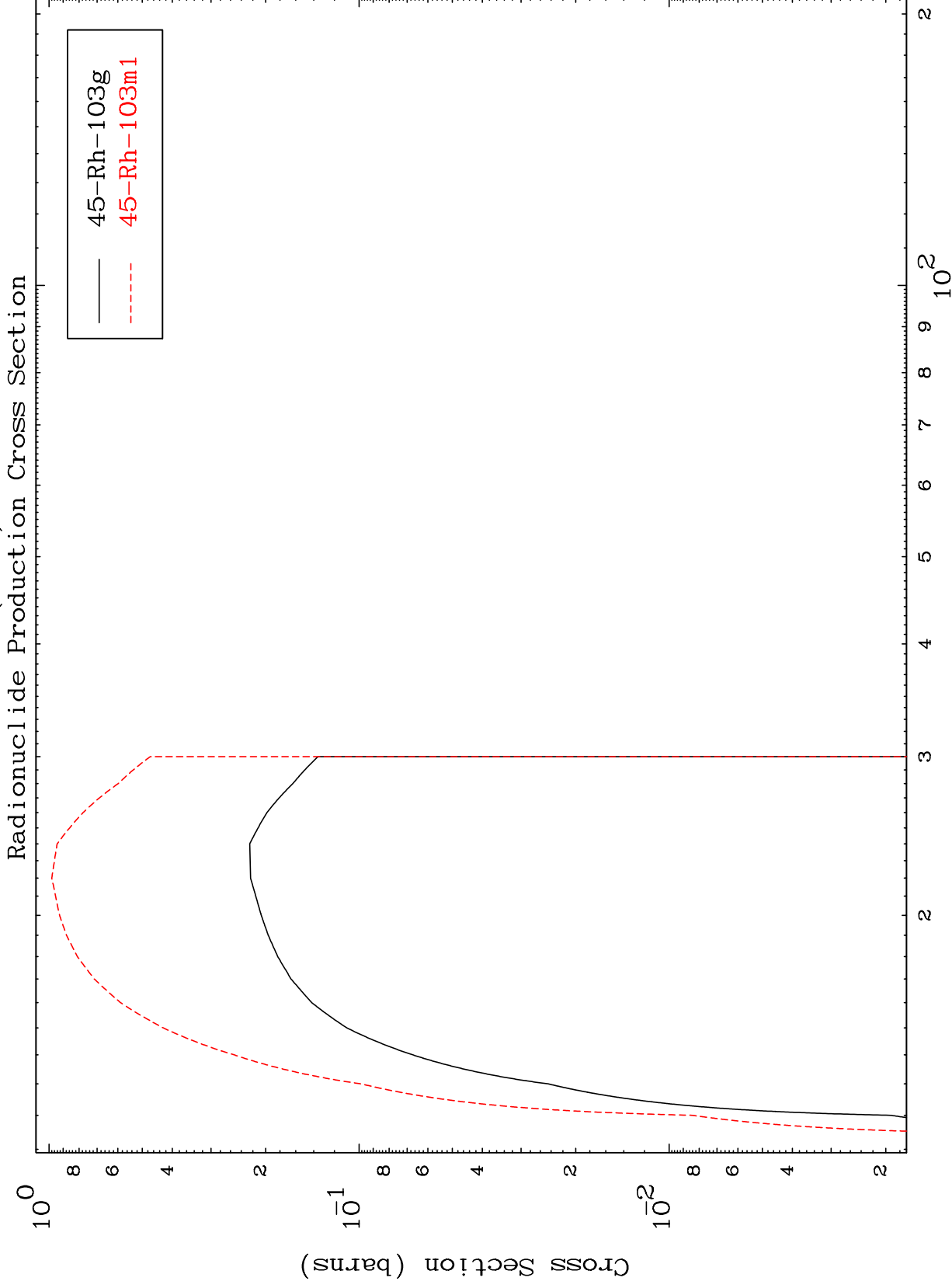
Incident Energy (MeV)

44-Ru-104

MAT 4449

(n,3n)

44-Ru-104



14

Incident Energy (MeV)

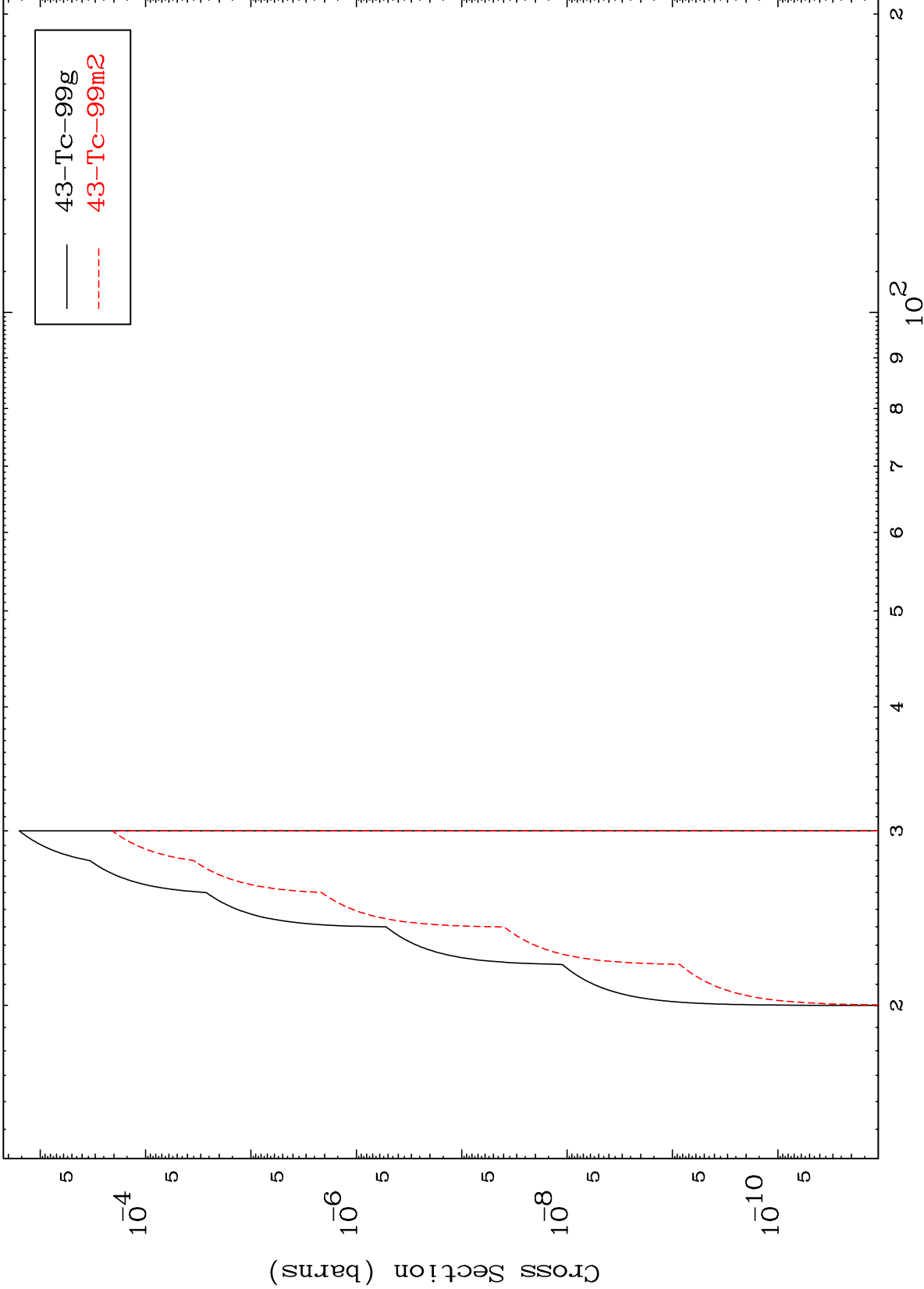
44-Ru-104

MAT 4449

(n,3n) α

44-Ru-104

Radionuclide Production Cross Section



43-Tc-99g
43-Tc-99m2

15

Incident Energy (MeV)

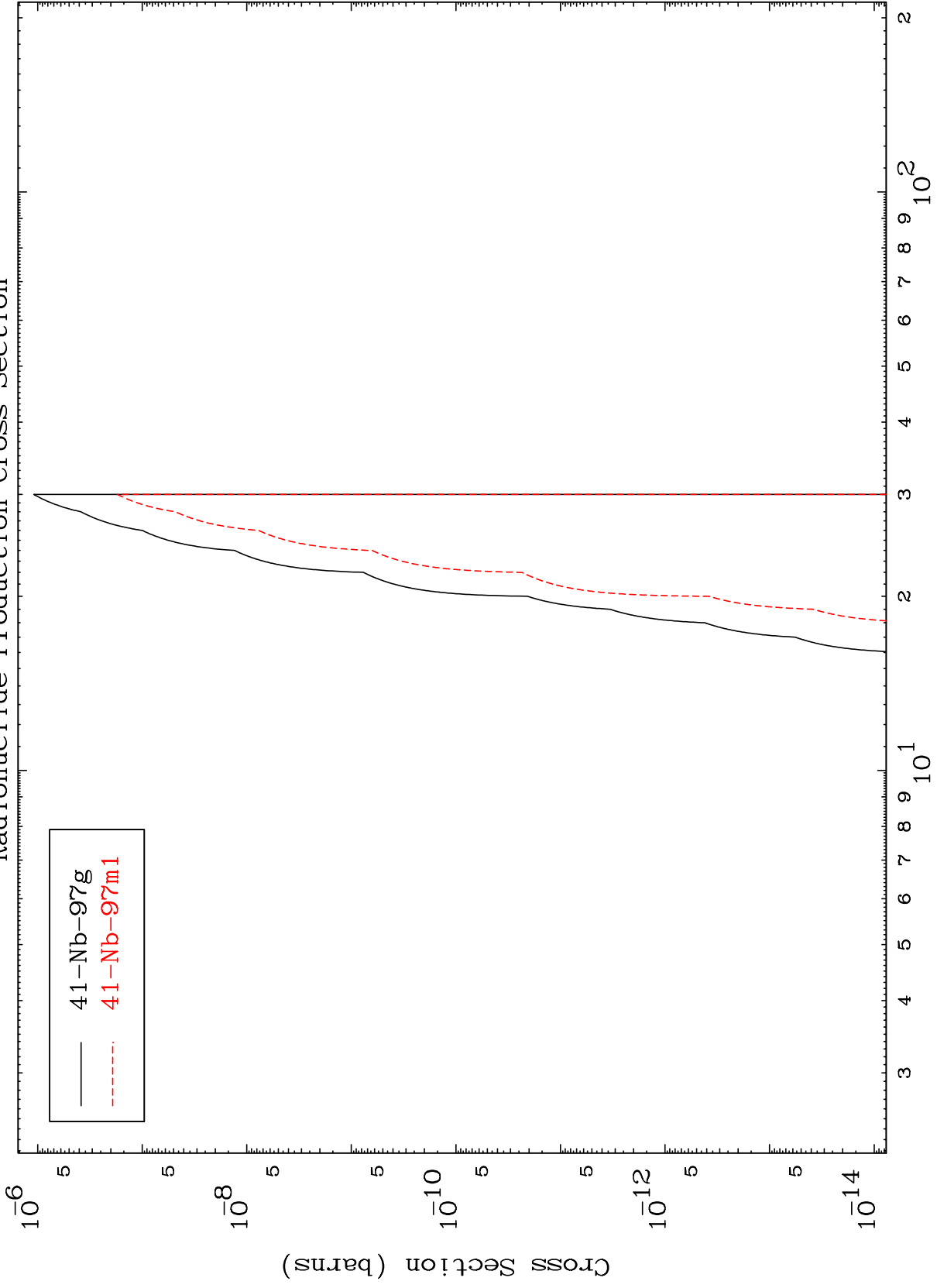
44-Ru-104

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(n,n') 2α

44-Ru-104

Radionuclide Production Cross Section



16

Incident Energy (MeV)

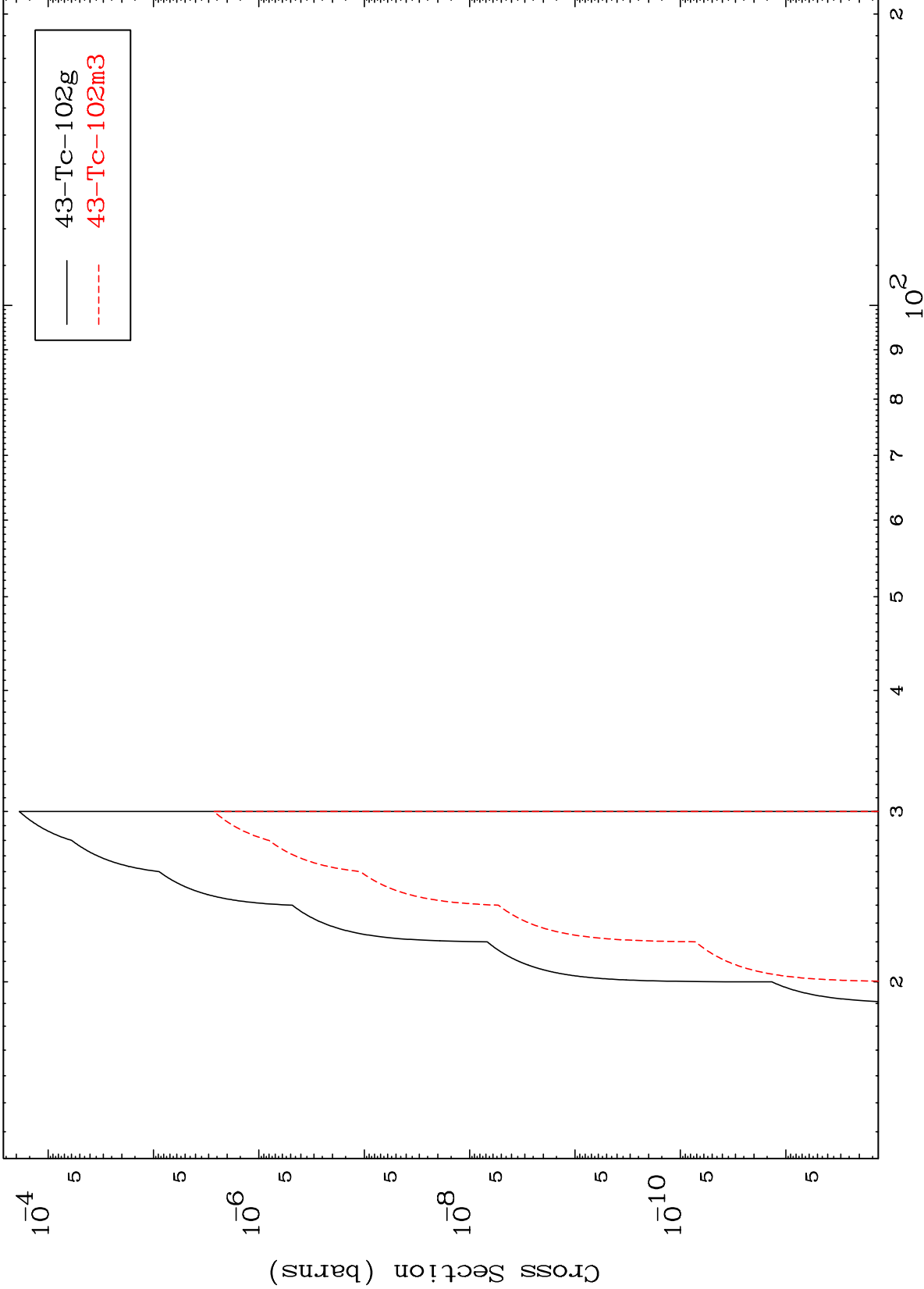
44-Ru-104

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(n,n') He-3

44-Ru-104

Radionuclide Production Cross Section



17

Incident Energy (MeV)

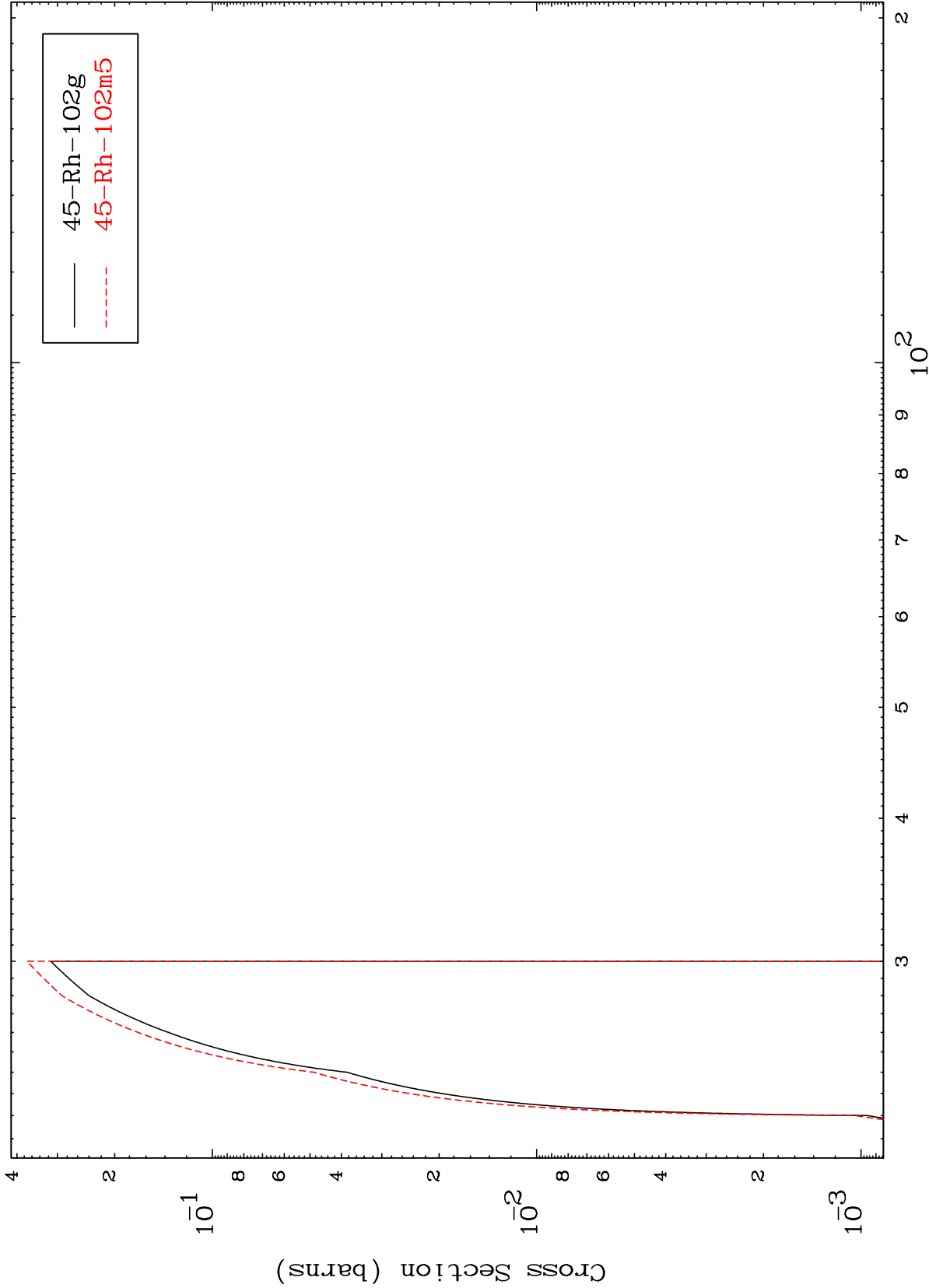
44-Ru-104

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(n,4n)

44-Ru-104

Radionuclide Production Cross Section



18

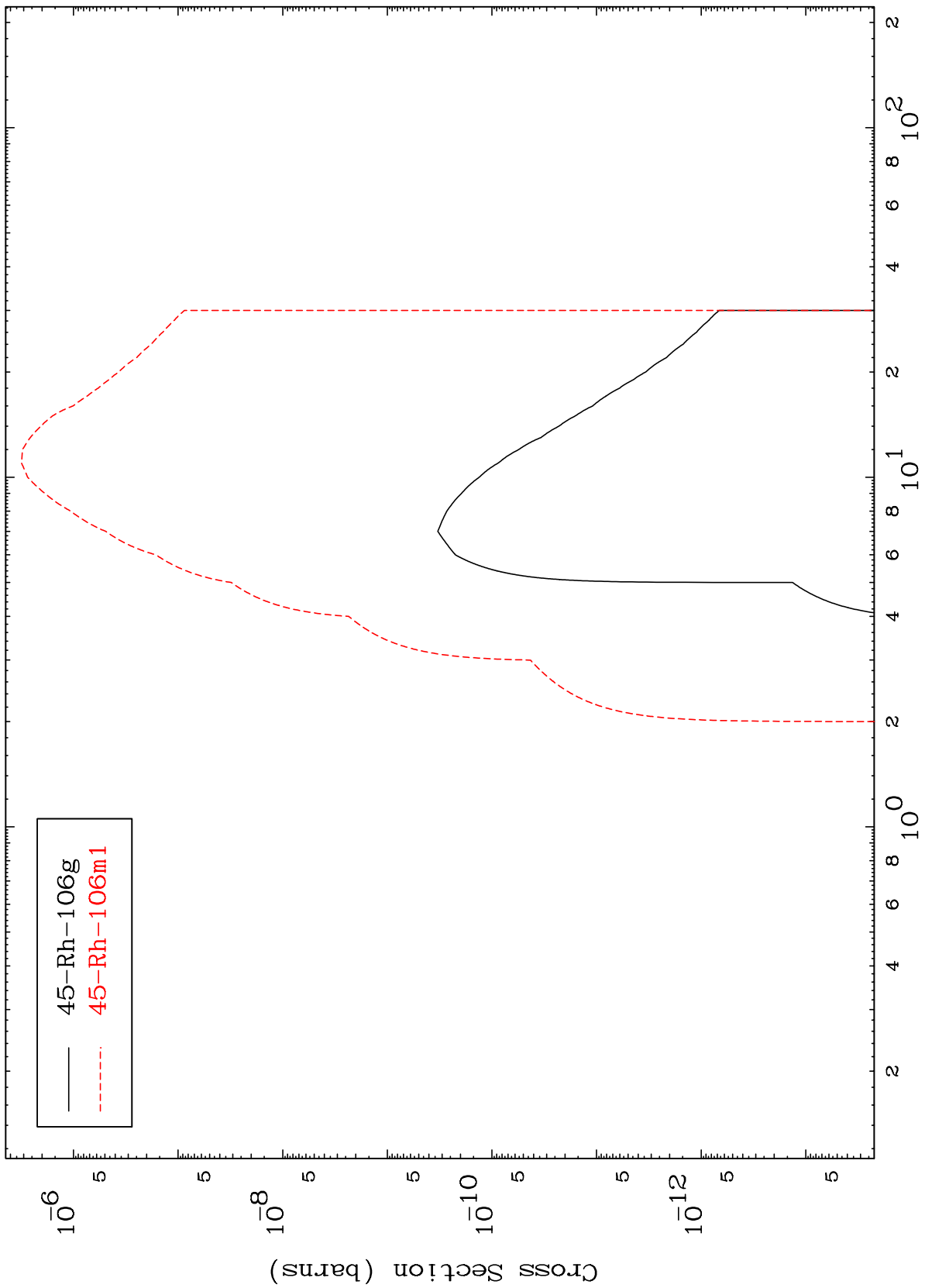
Incident Energy (MeV)

44-Ru-104

MAT 4449

44-Ru-104

(n, γ)
Radionuclide Production Cross Section



19

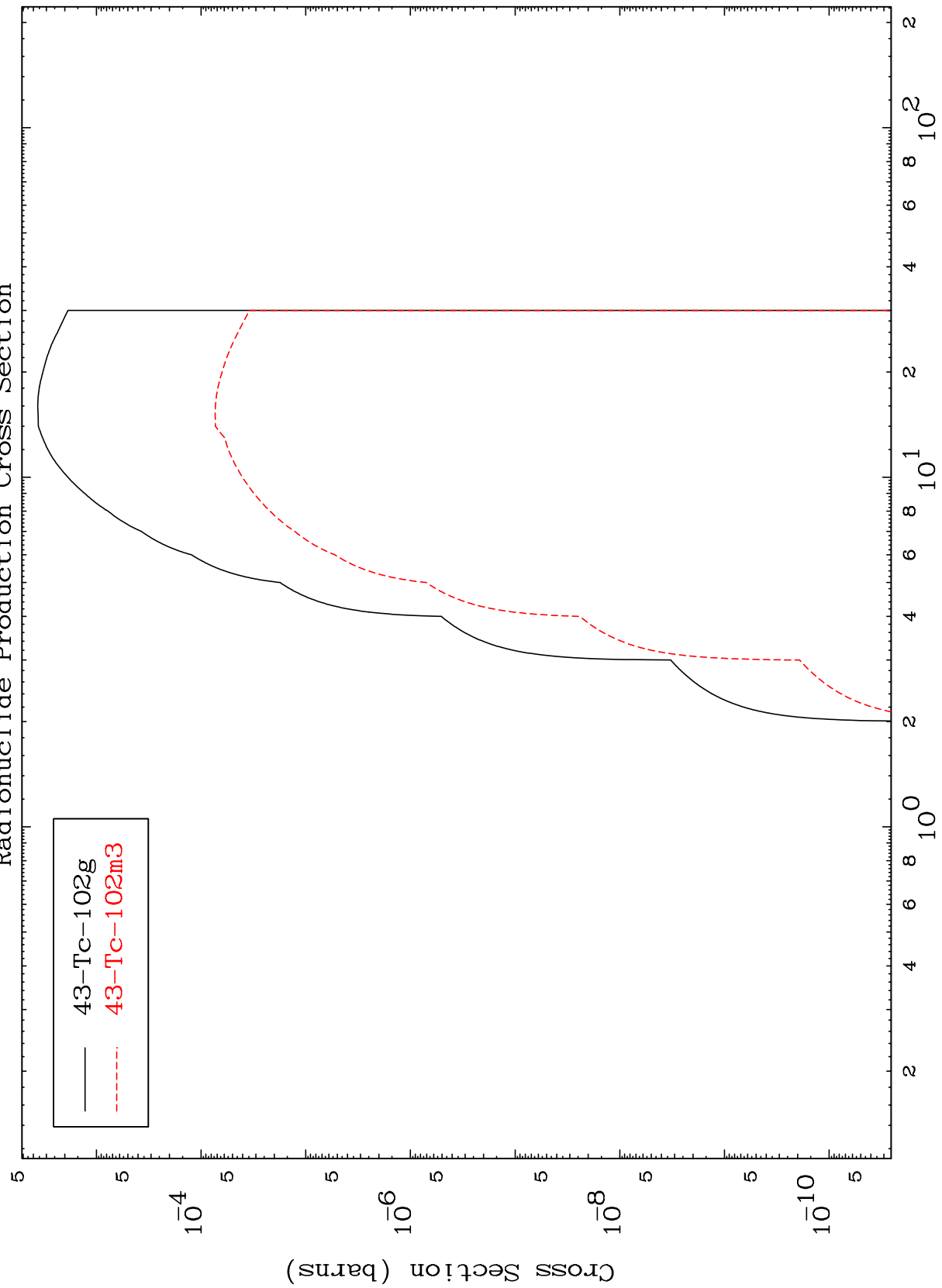
44-Ru-104

Incident Energy (MeV)

MAT 4449

44-Ru-104

(n, α)
Radionuclide Production Cross Section



— 43-Tc-102g
- - - 43-Tc-102m3

44-Ru-104

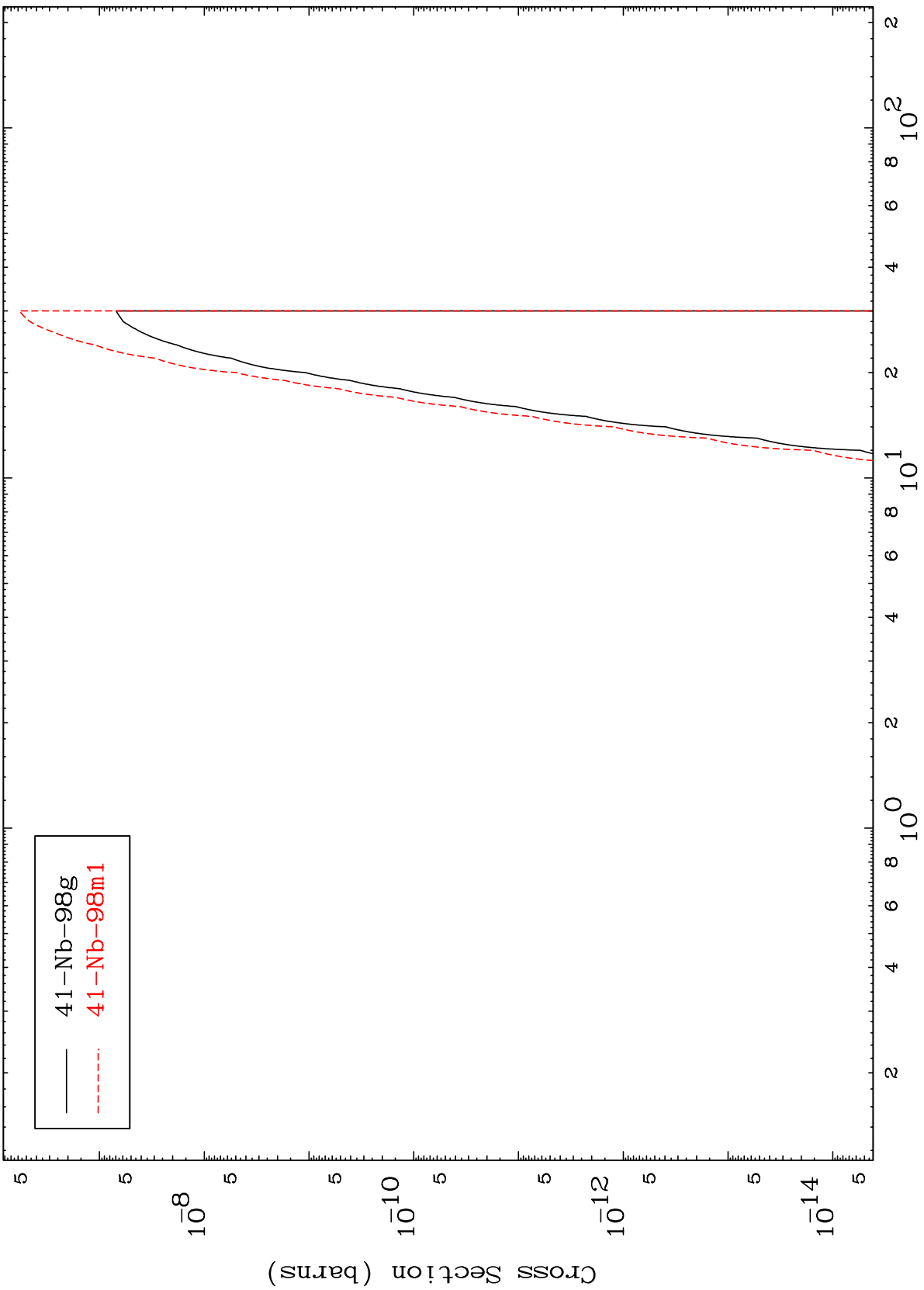
Incident Energy (MeV)

20

MAT 4449

44-Ru-104

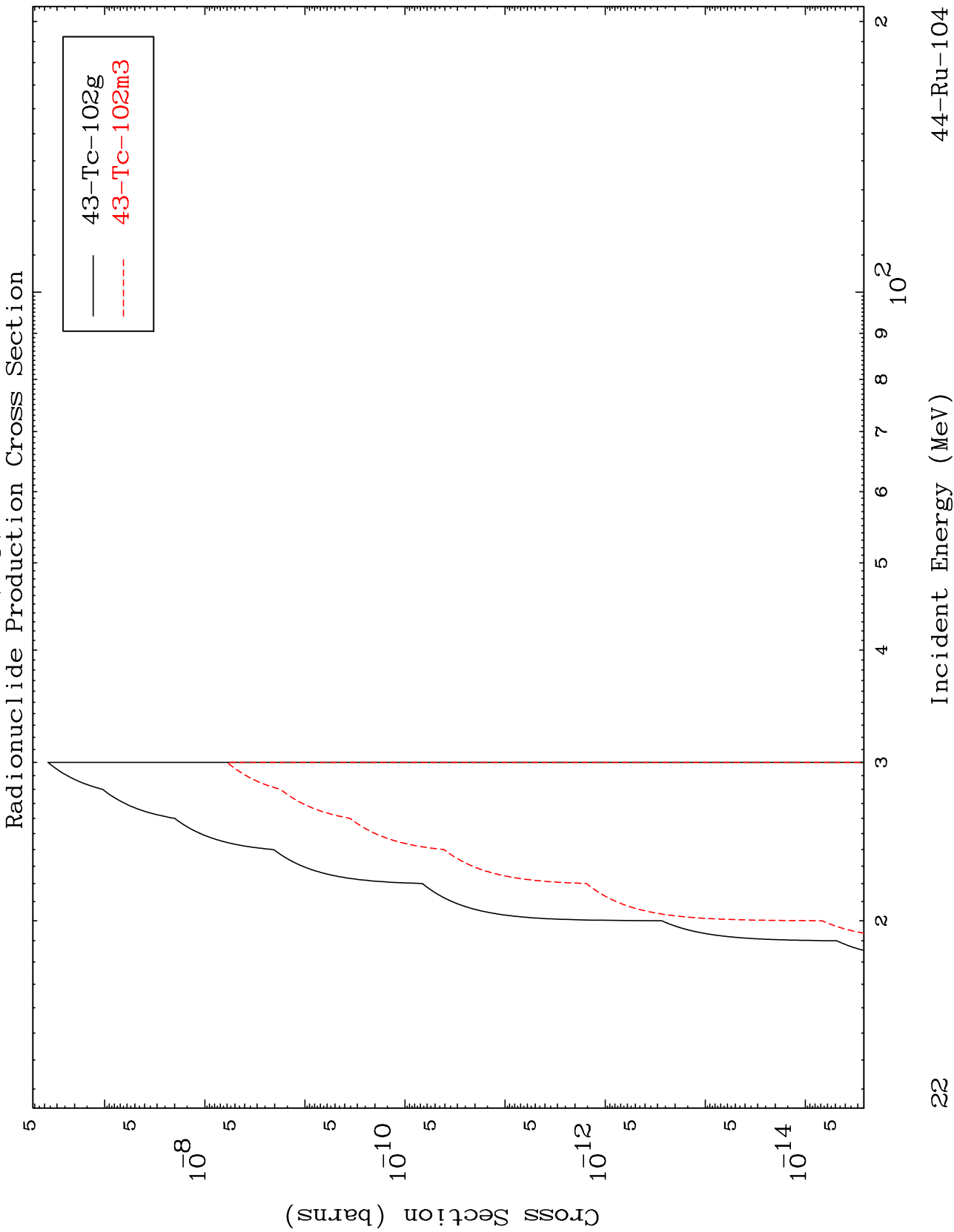
Radionuclide Production Cross Section
(n,2 α)



MAT 4449

(n,p) t

44-Ru-104



22

Incident Energy (MeV)

44-Ru-104