

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

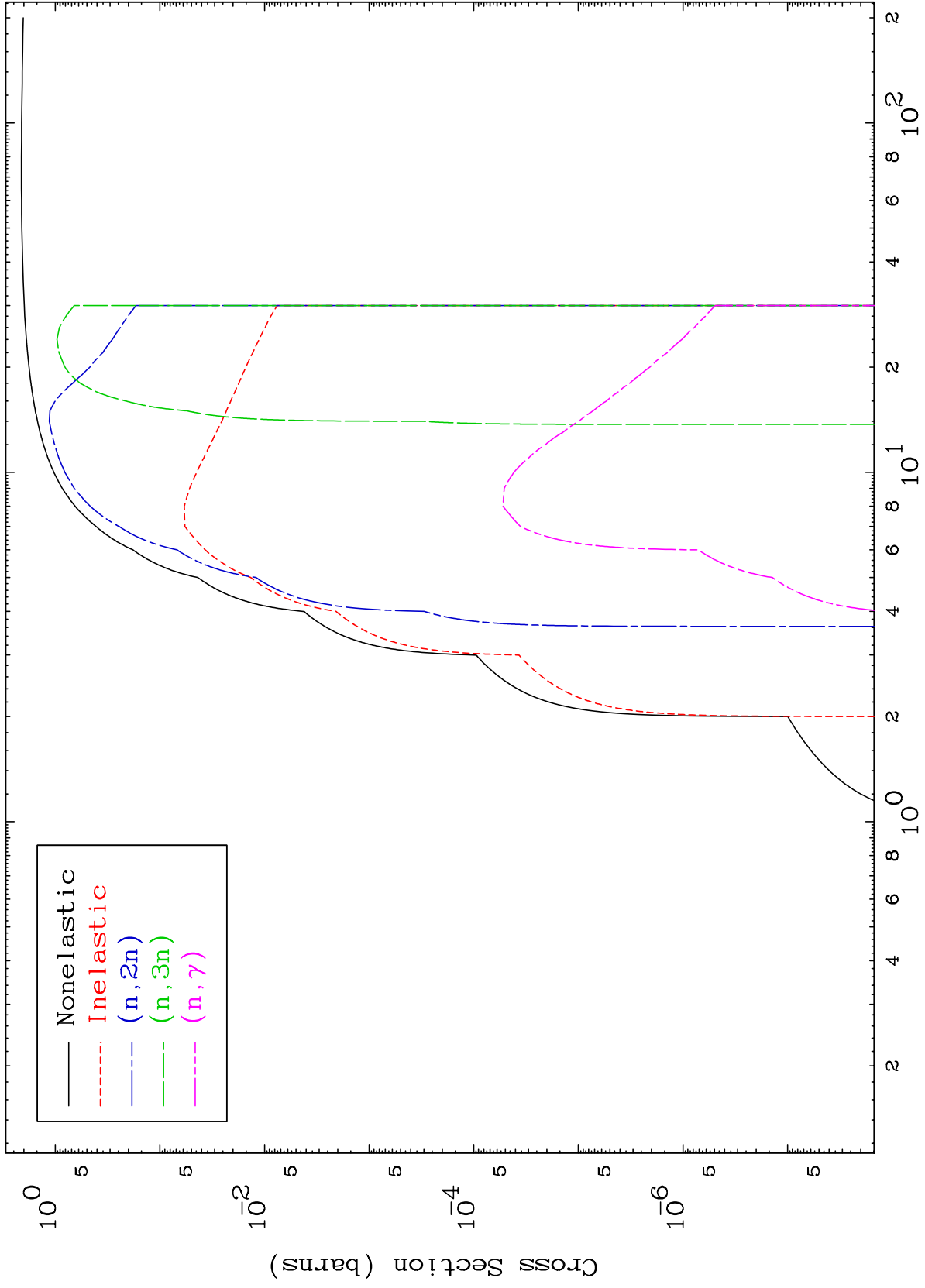
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Web:redcullen1.net/HOMEPAGE.NEW

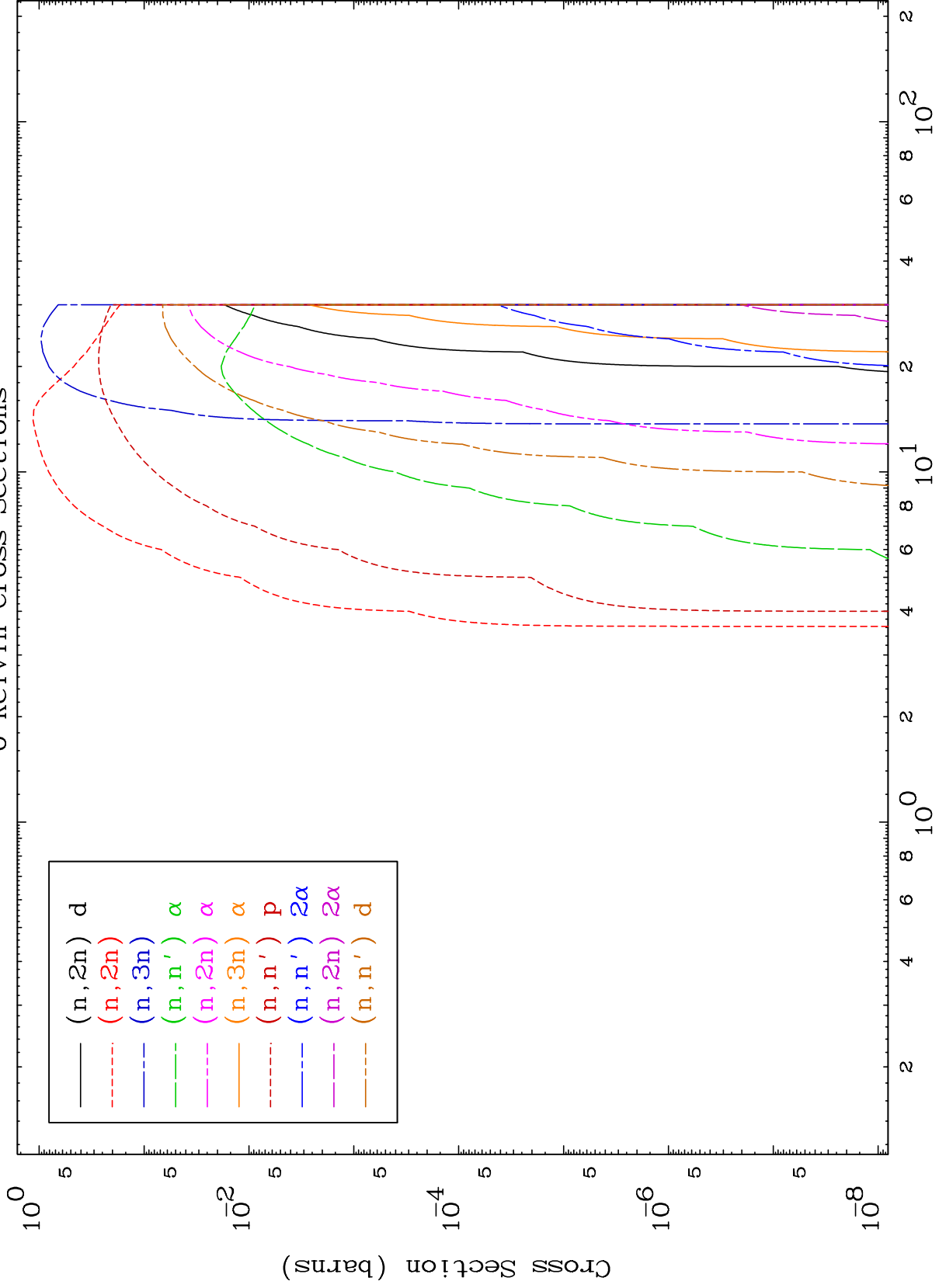
Press Mouse Button to Start



MAT 4440

Deuteron Neutron Absorption
0 Kelvin Cross Sections

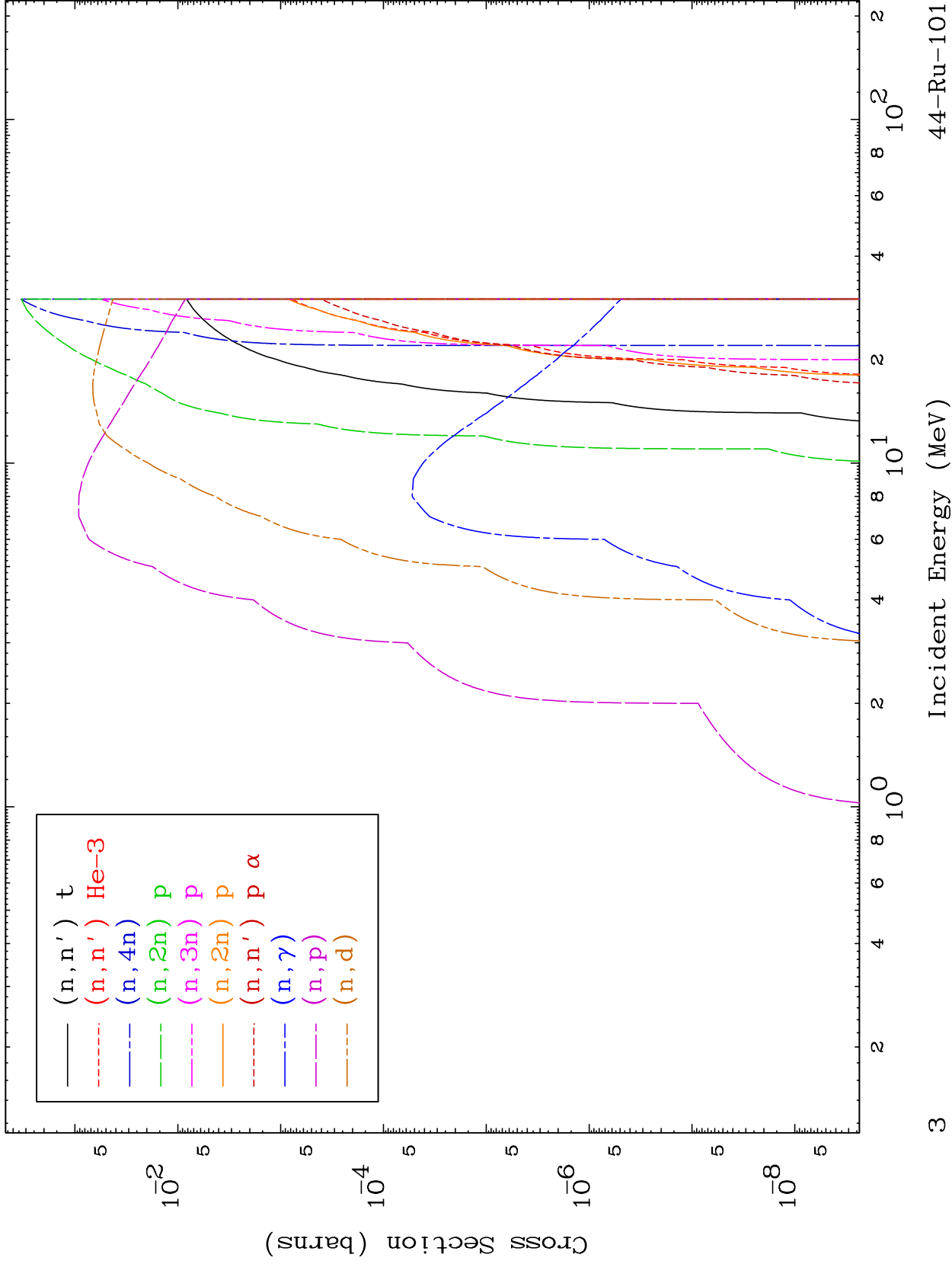
44-Ru-101



MAT 4440

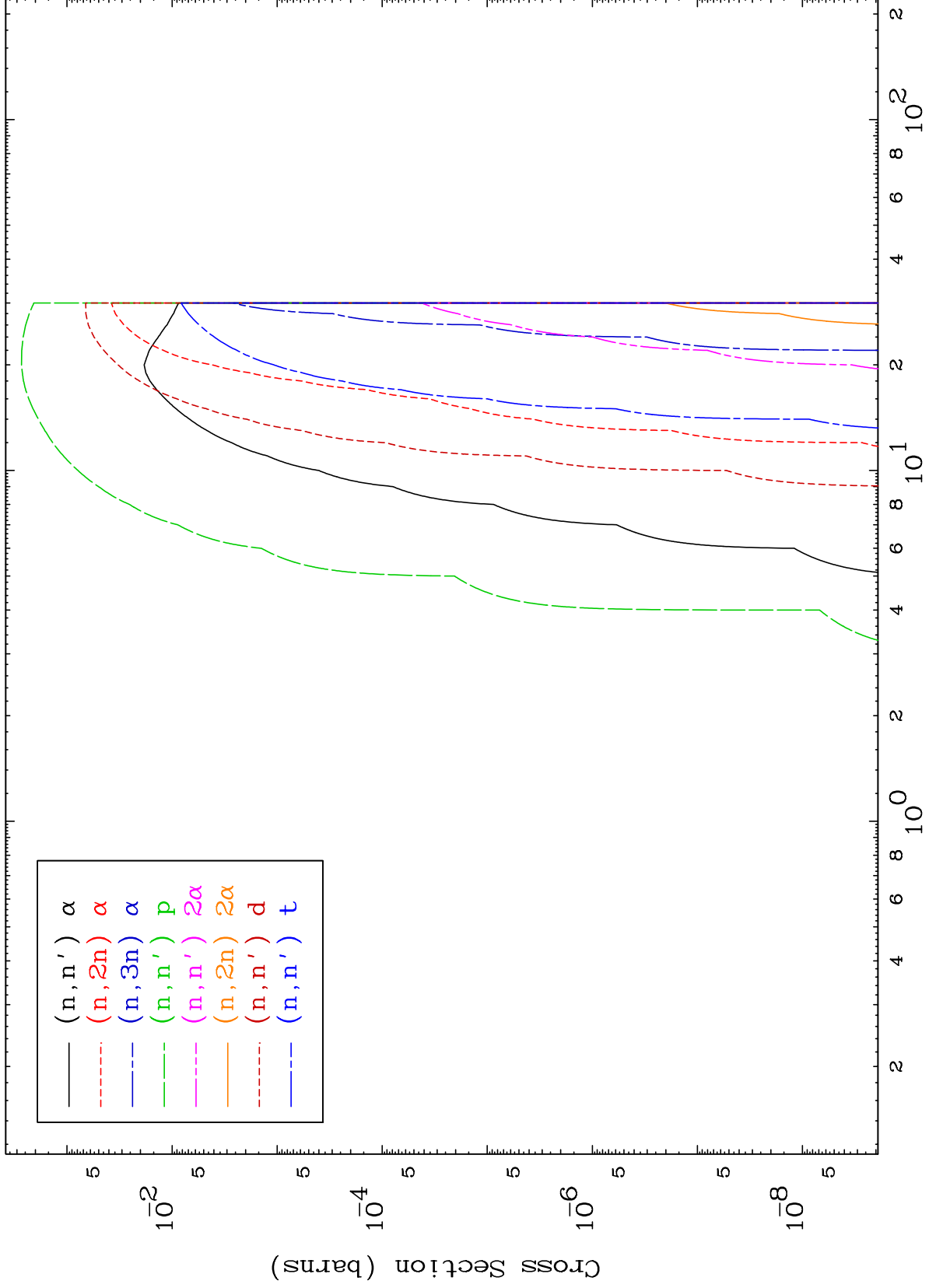
Deuteron Neutron Absorption
0 Kelvin Cross Sections

44-Ru-101



44-Ru-101

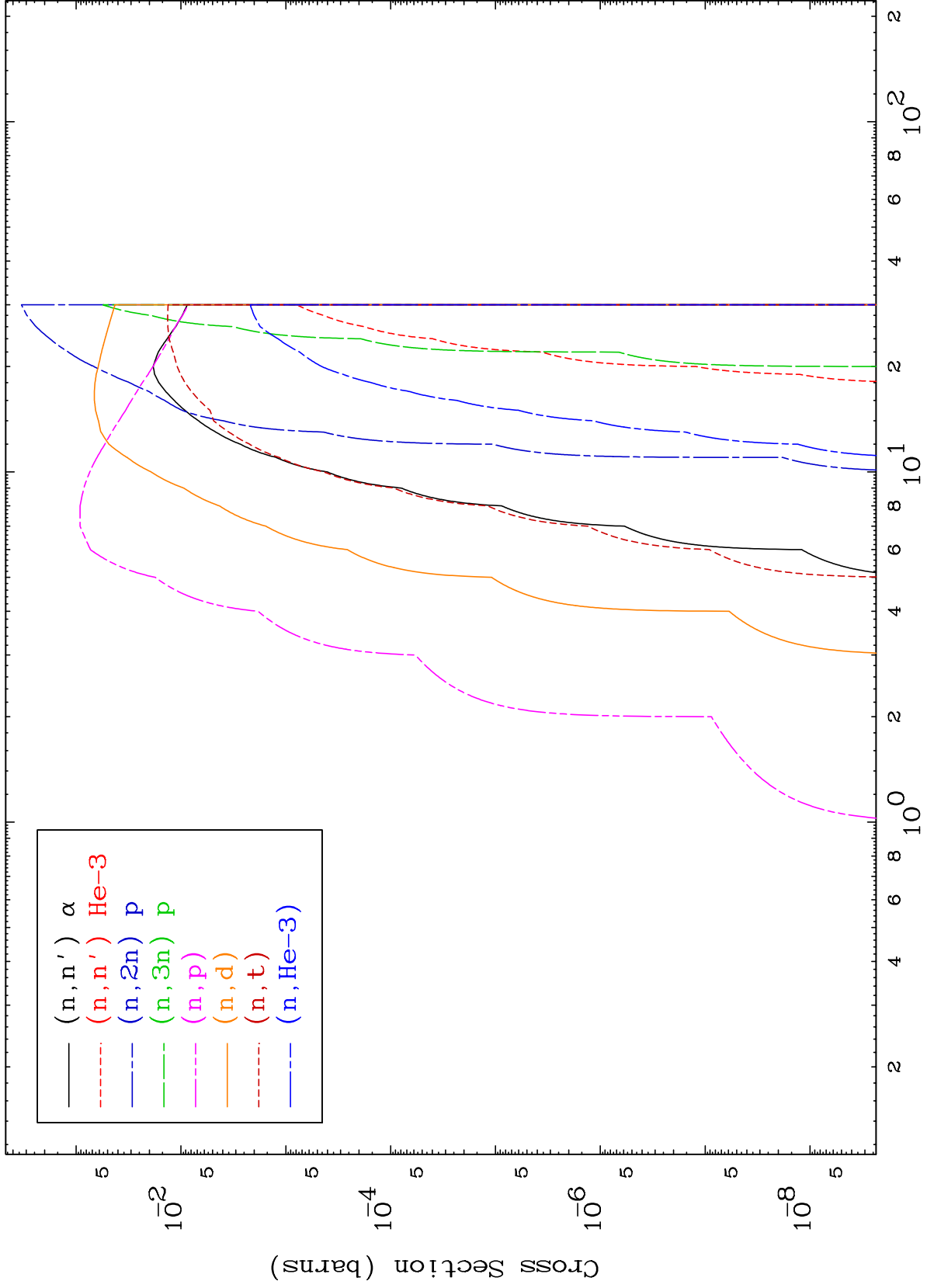
Incident Energy (MeV)

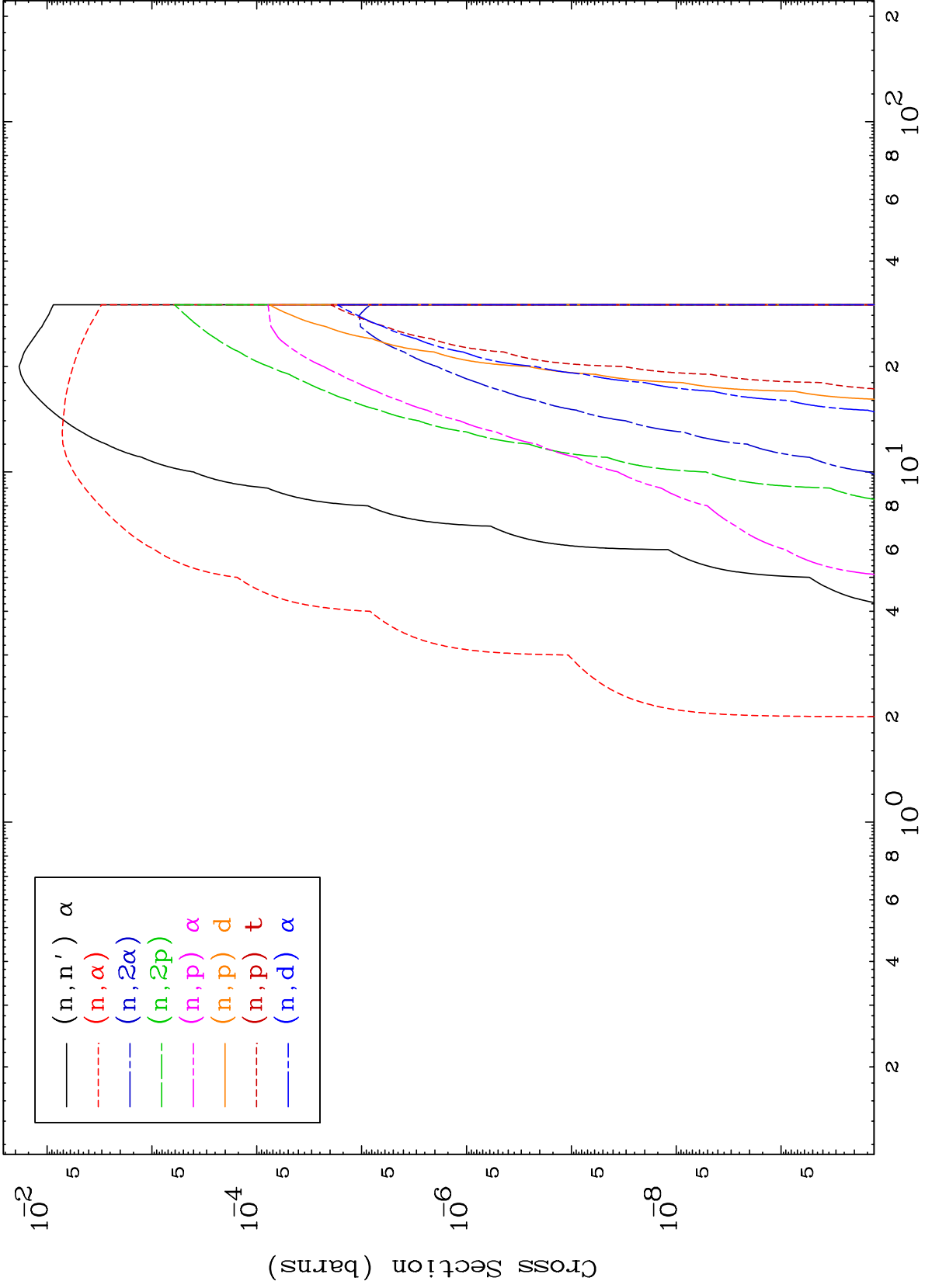


MAT 4440

Deuteron Charged Particle
0 Kelvin Cross Sections

44-Ru-101

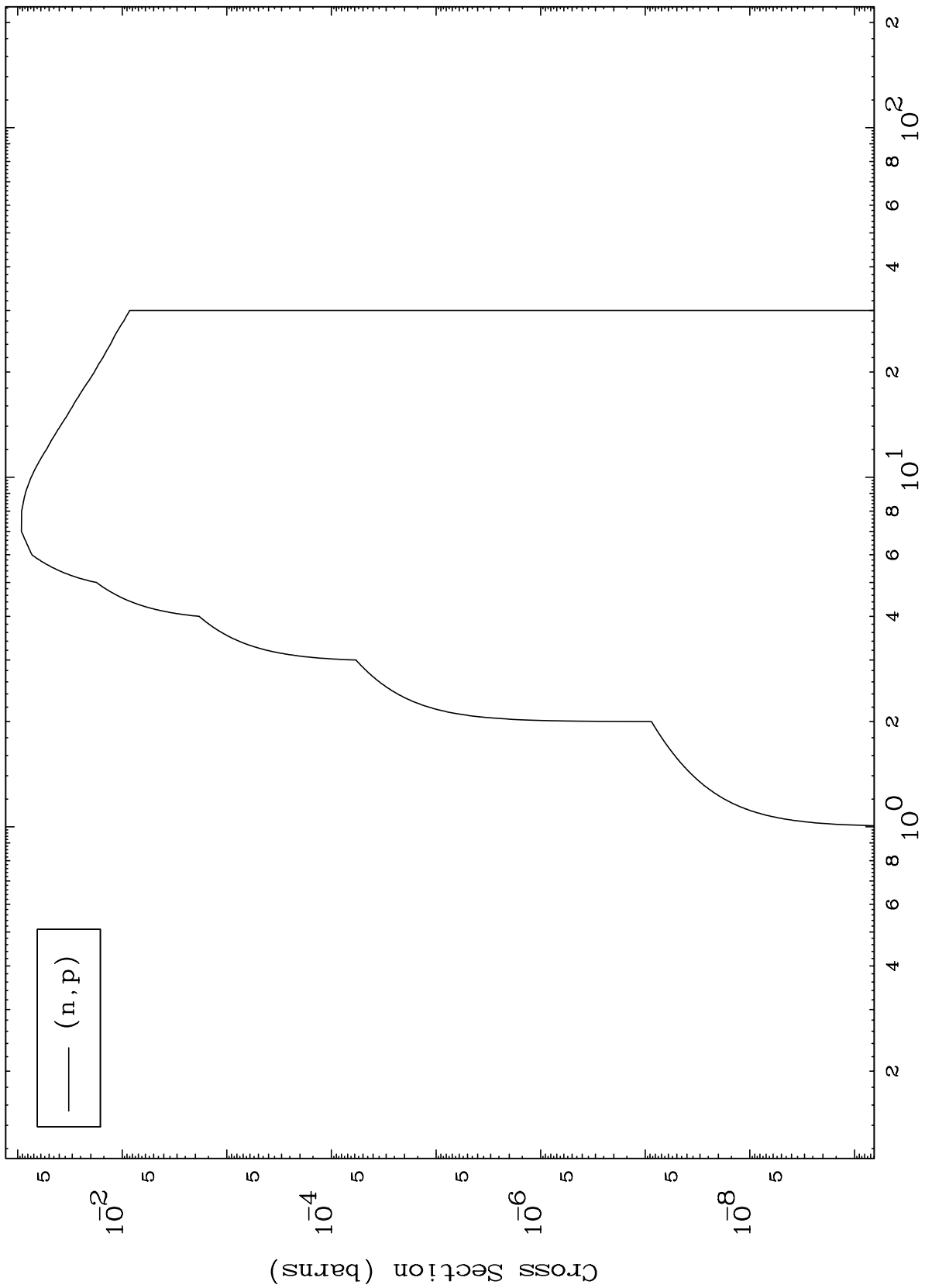




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44-Ru-101

(d,p) Levels
0 Kelvin Cross Sections

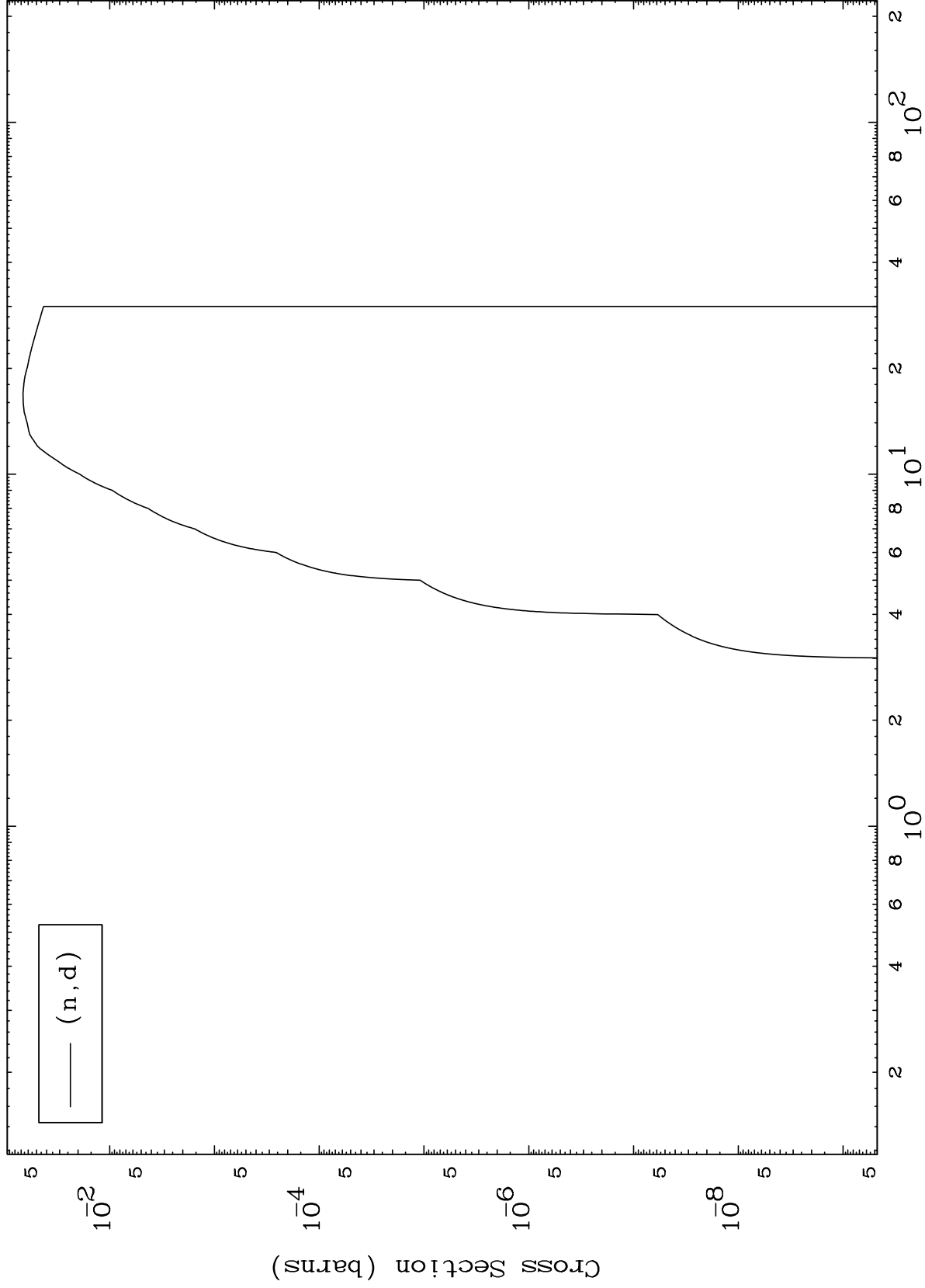


MAT 4440

(d,d) Levels

44-Ru-101

0 Kelvin Cross Sections

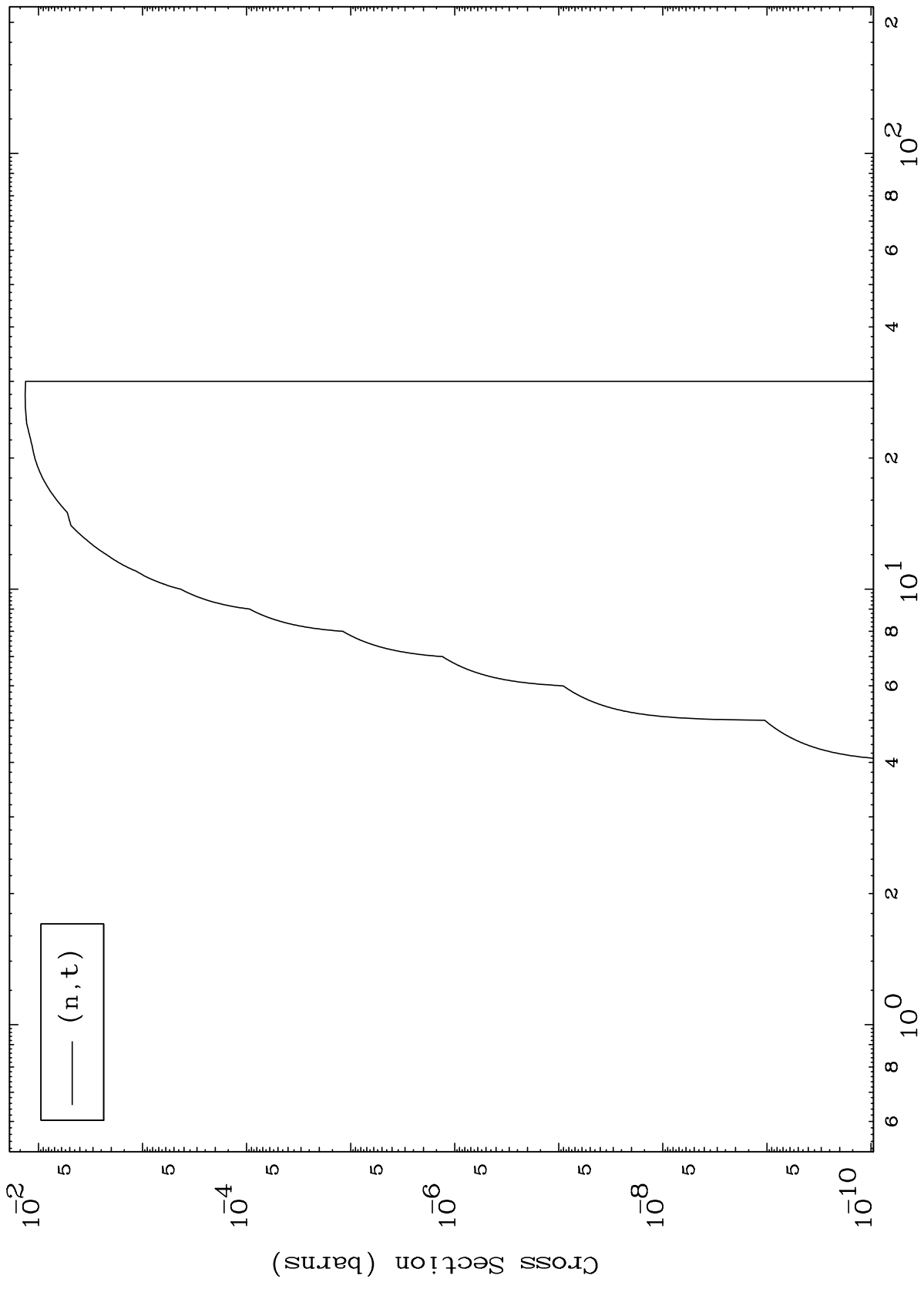


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(d, t) Levels

44-Ru-101

0 Kelvin Cross Sections

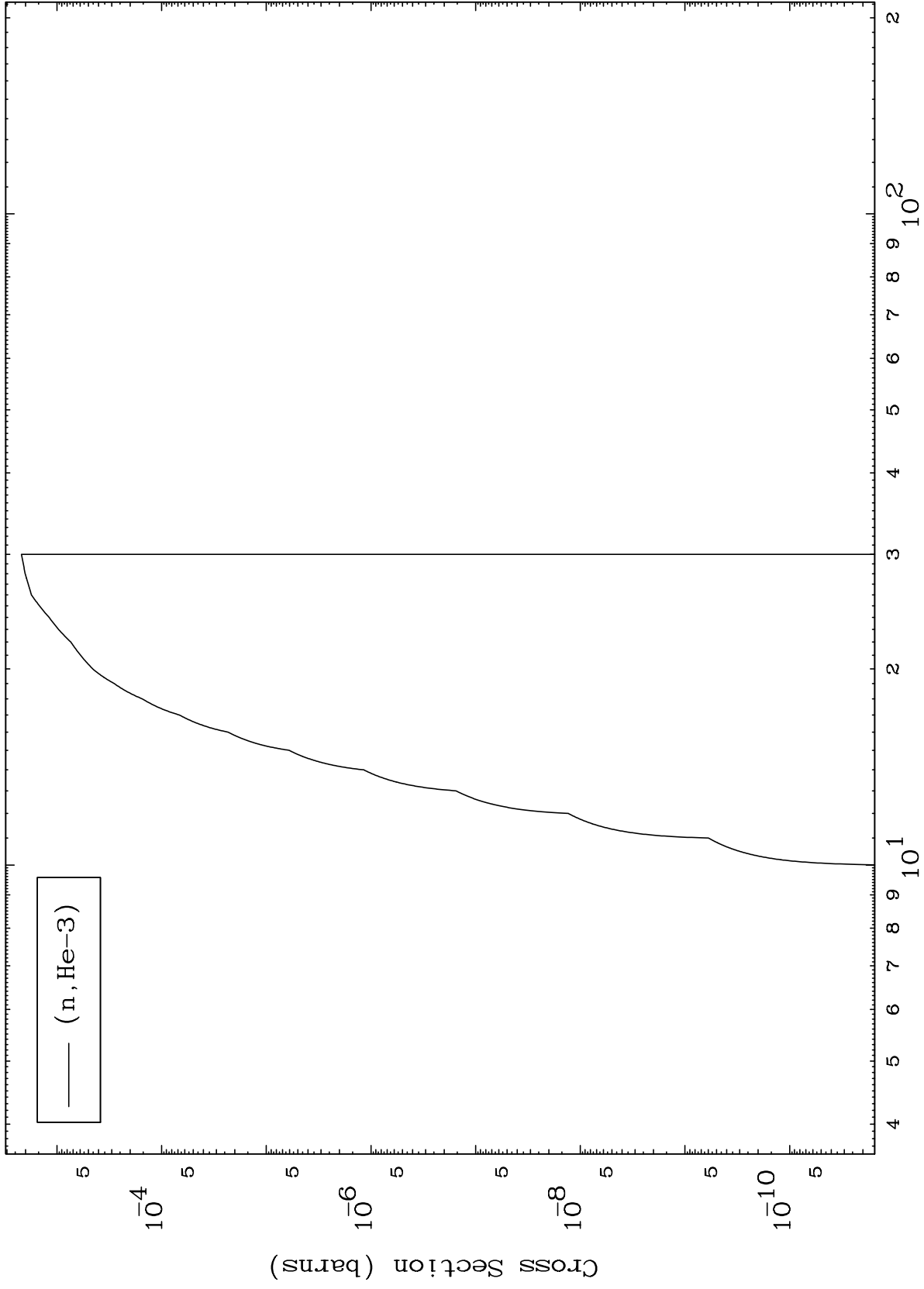


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Incident Energy (MeV)

44-Ru-101

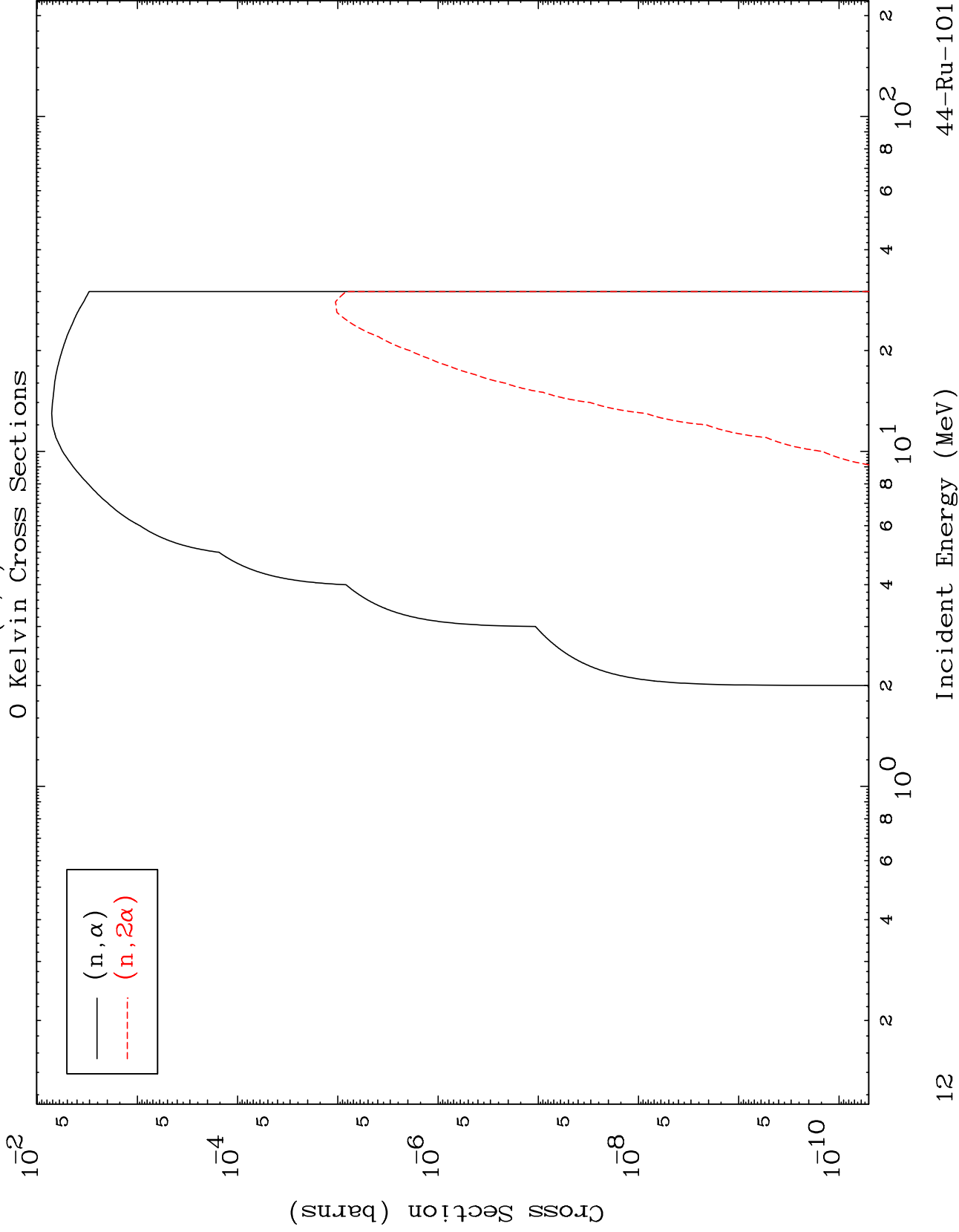
(d,He3) Levels
0 Kelvin Cross Sections



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(d, α) Levels

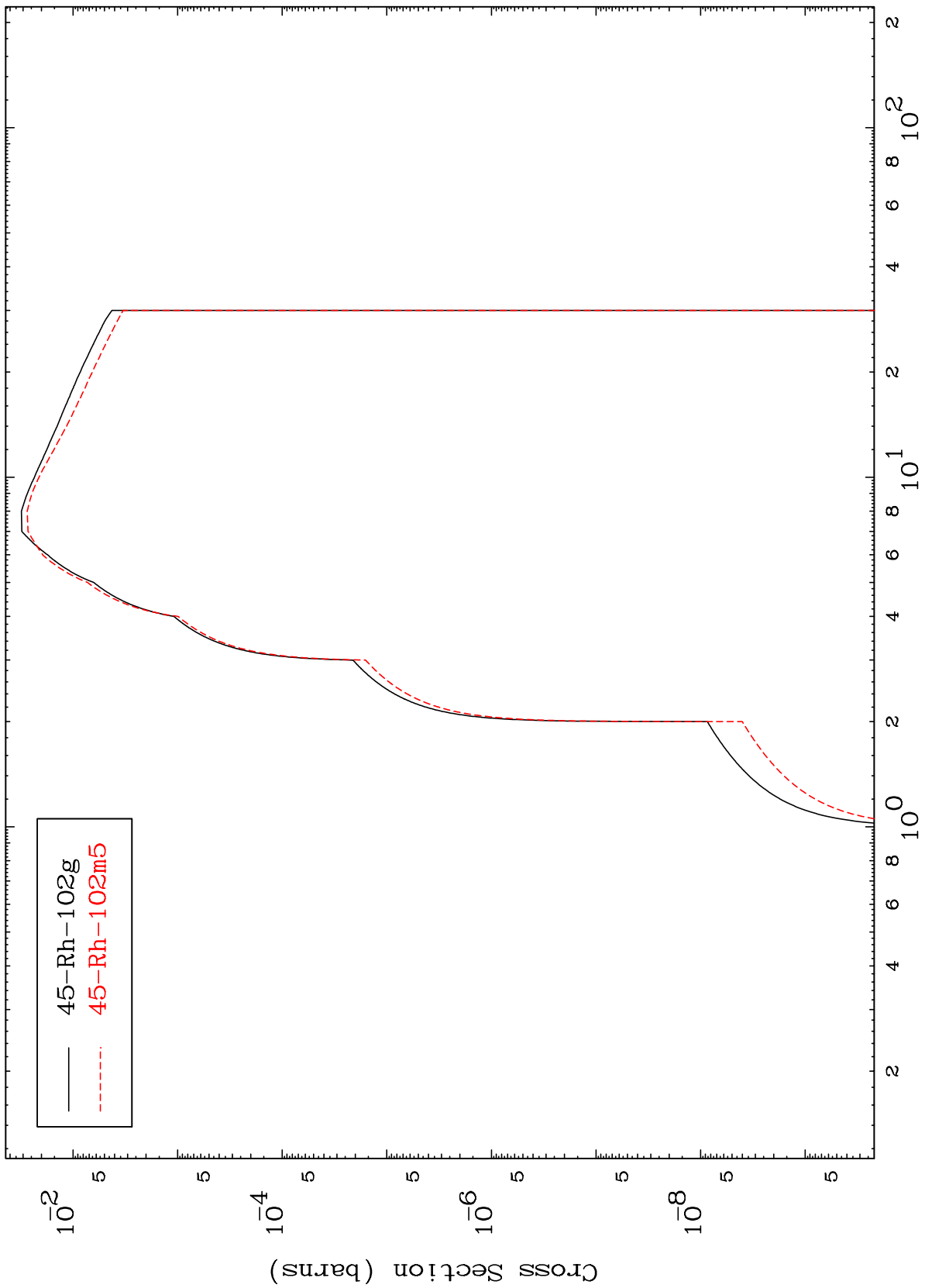
44-Ru-101



MAT 4440

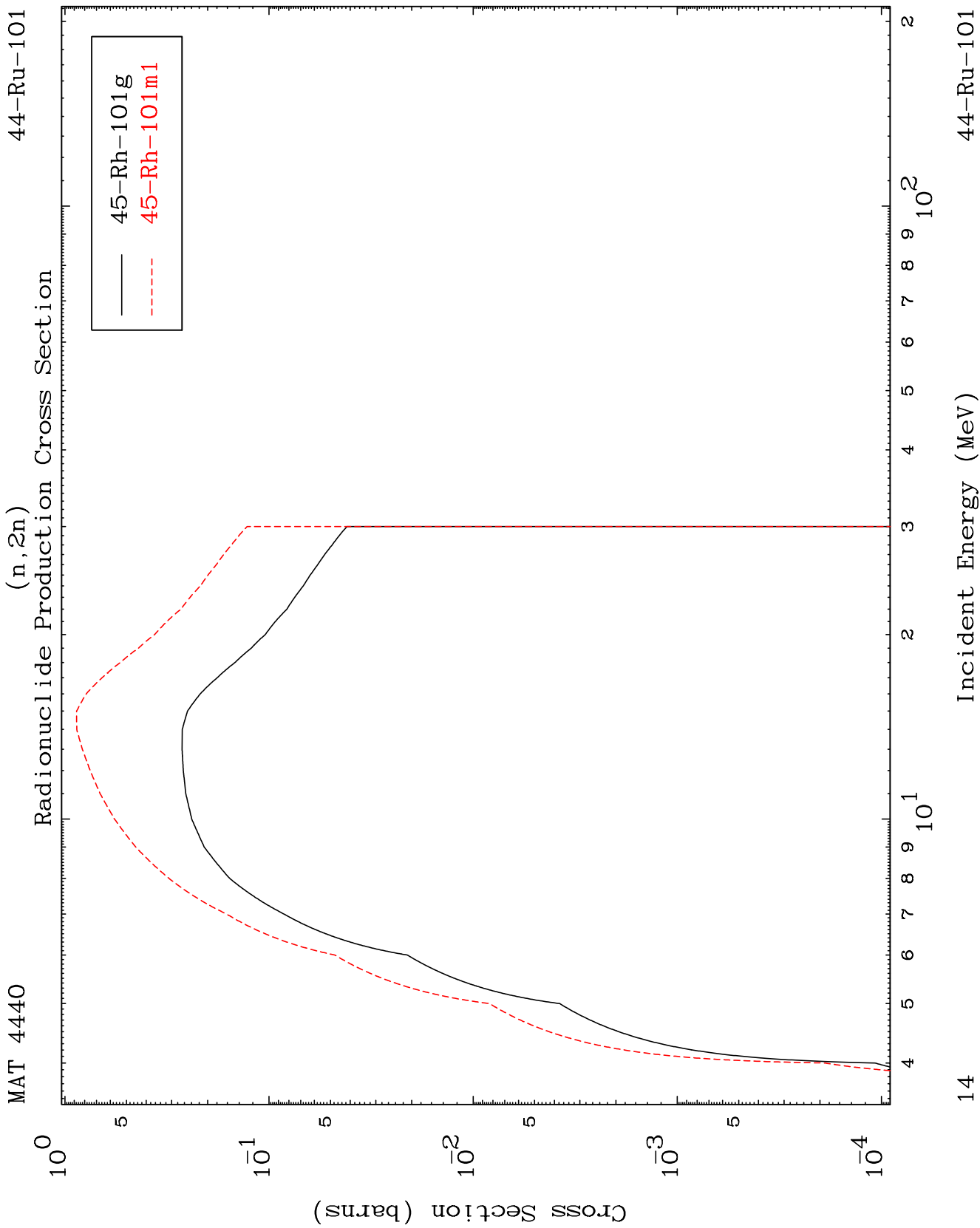
44-Ru-101

Inelastic
Radionuclide Production Cross Section



44-Ru-101

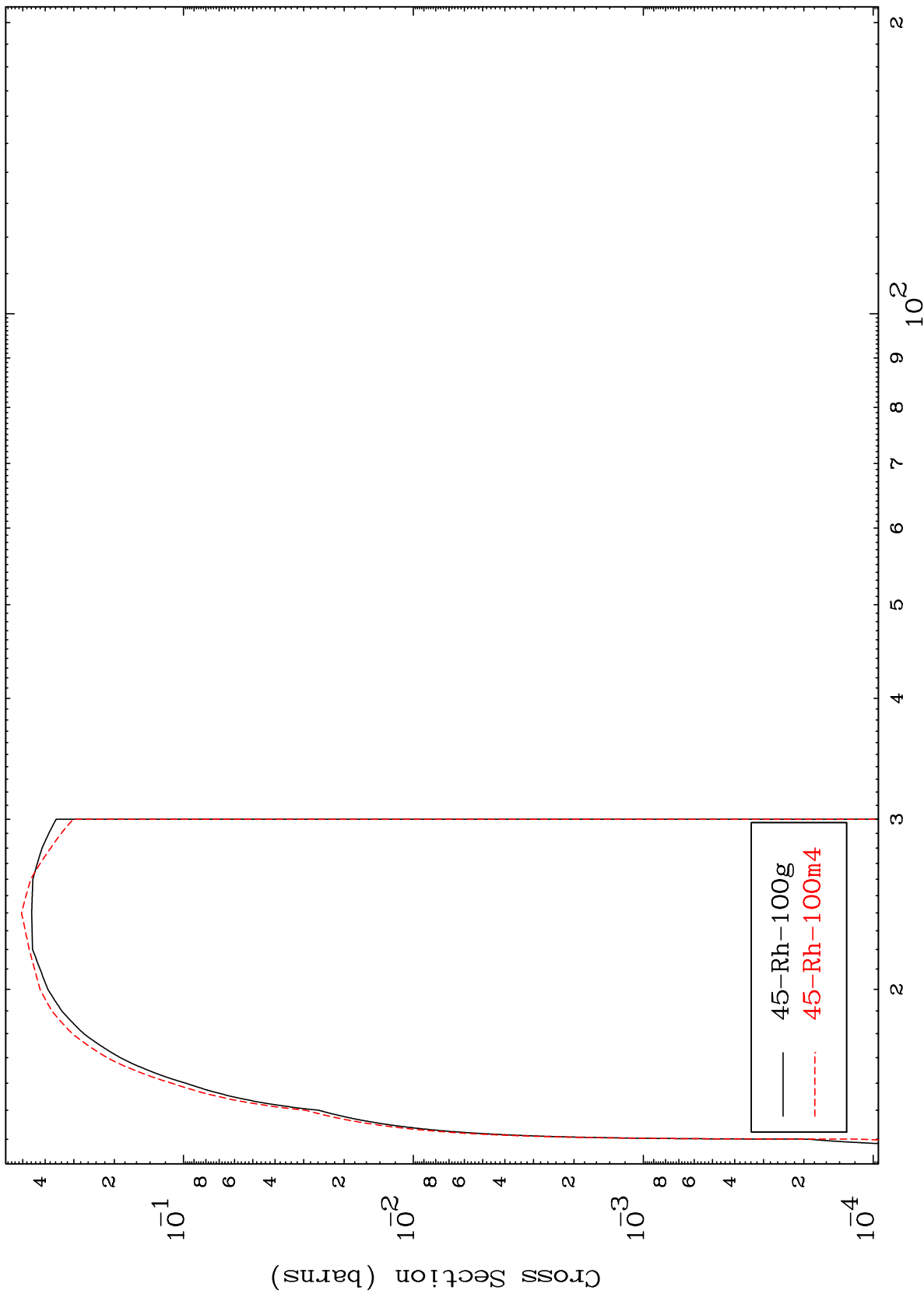
Incident Energy (MeV)



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44-Ru-101

(n,3n)
Radionuclide Production Cross Section



15

44-Ru-101

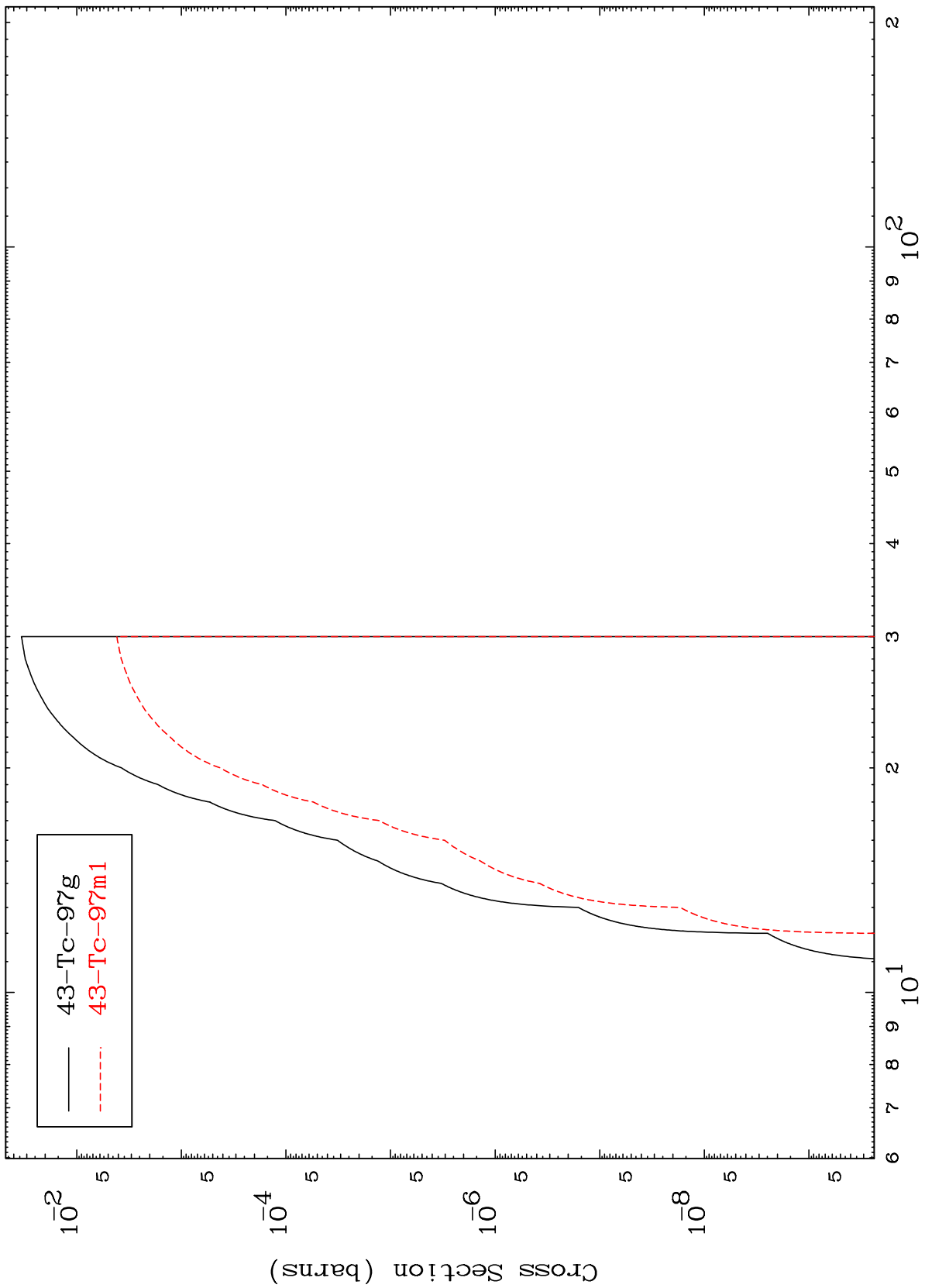
Incident Energy (MeV)

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(n,2n) α

44-Ru-101

Radionuclide Production Cross Section

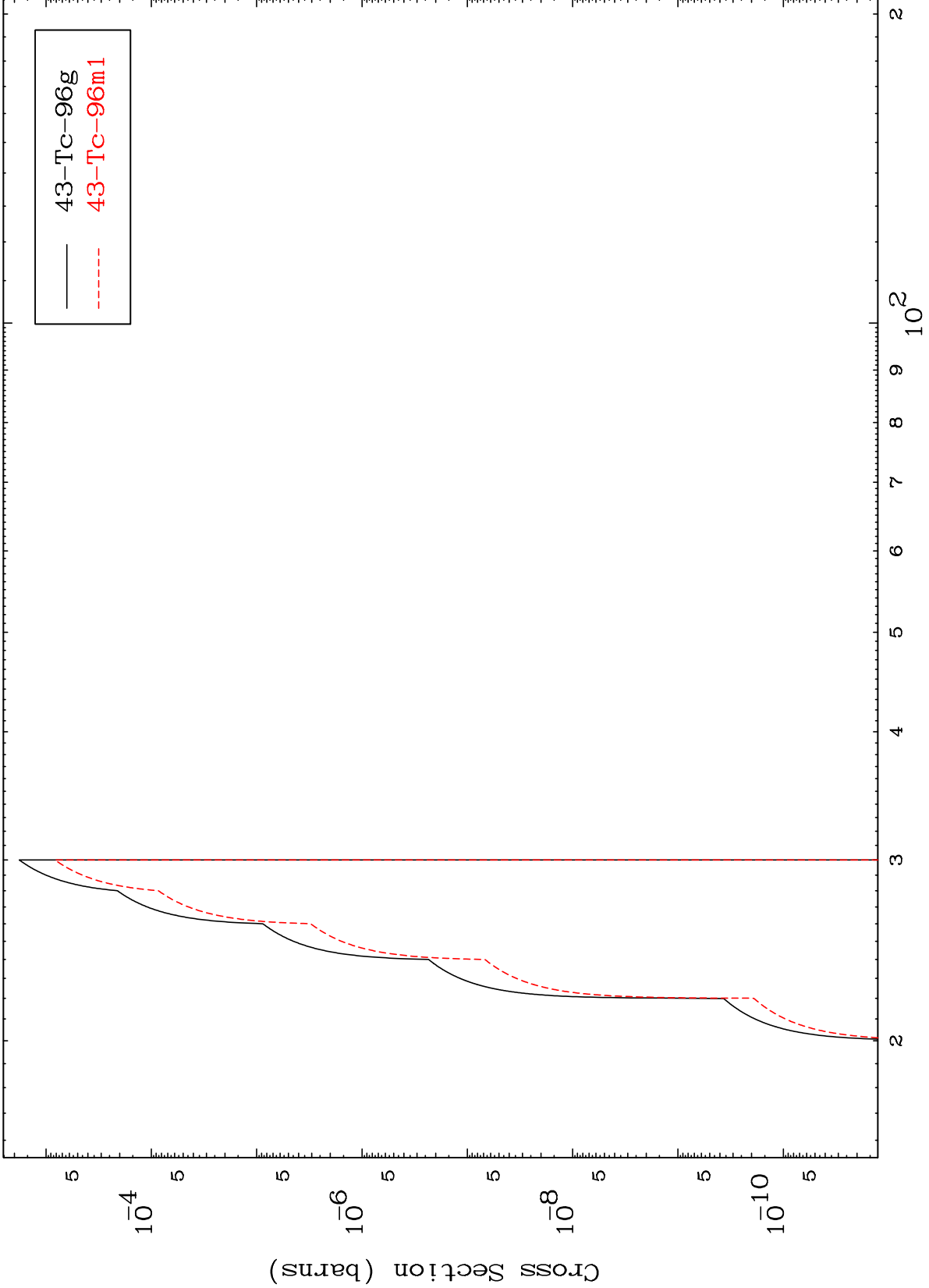


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Incident Energy (MeV)

44-Ru-101

Radionuclide Production Cross Section

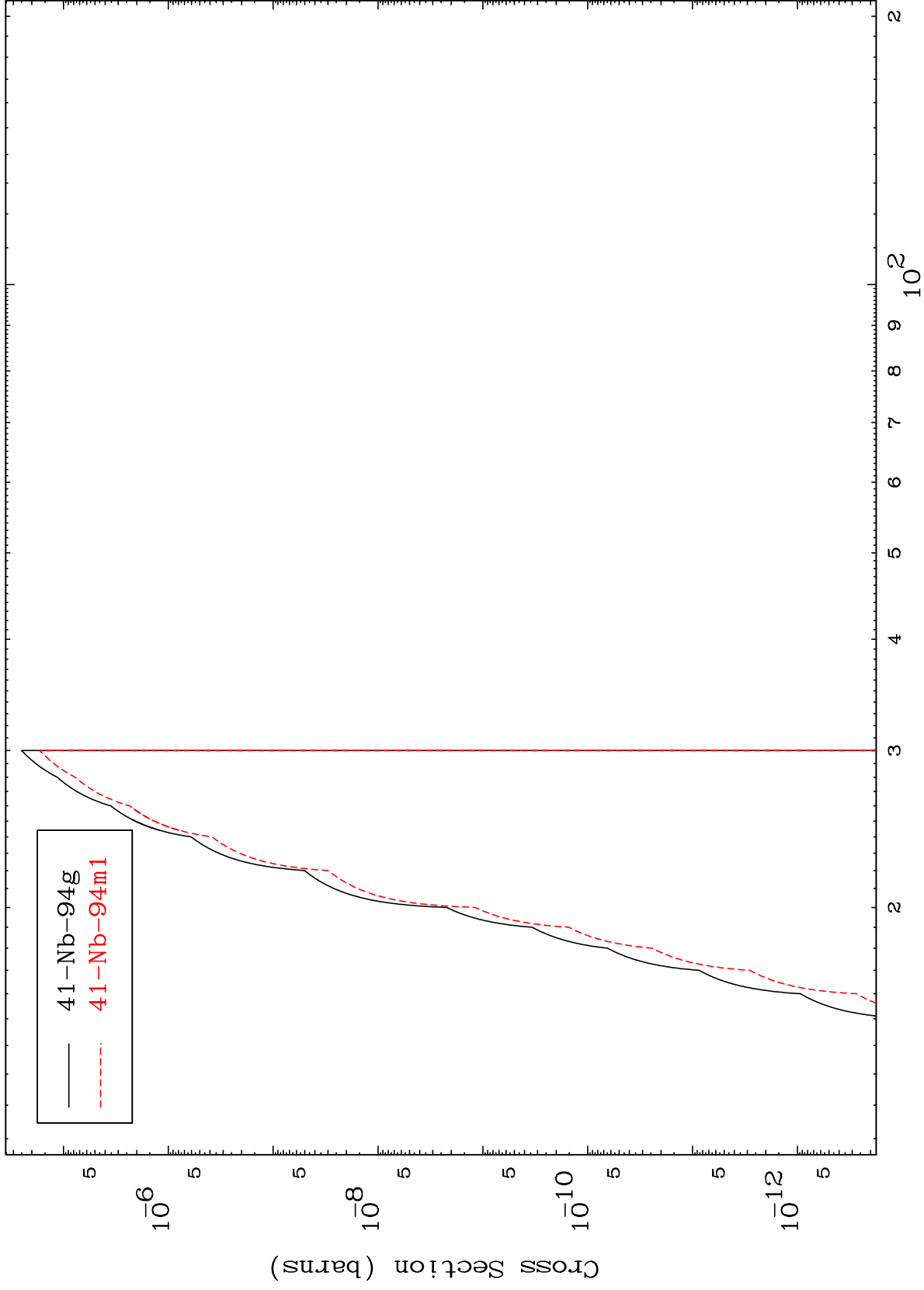


MAT 4440

(n,n') 2 α

44-Ru-101

Radionuclide Production Cross Section



18

Incident Energy (MeV)

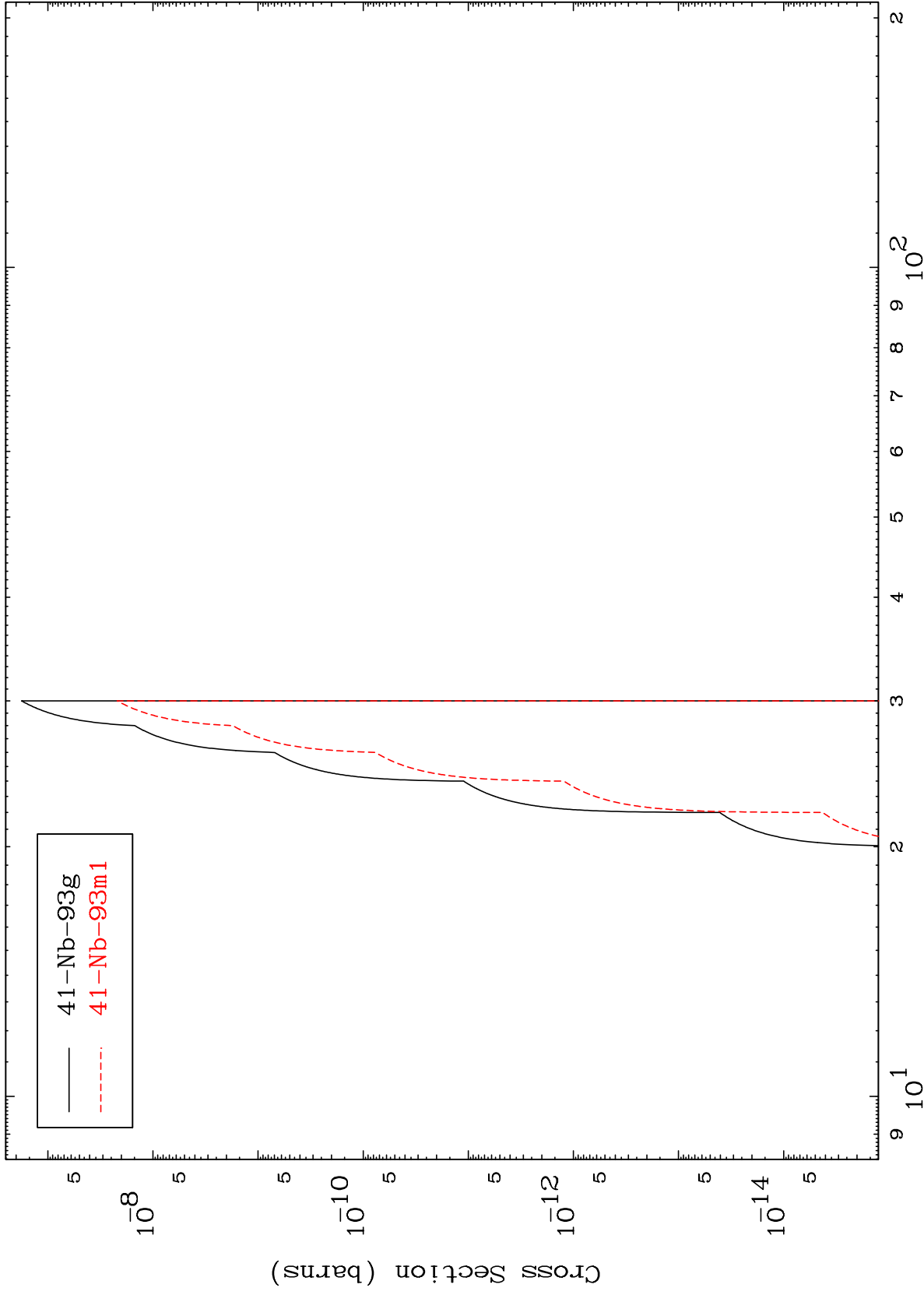
44-Ru-101

MAT 4440

(n,2n) 2 α

44-Ru-101

Radionuclide Production Cross Section



19

Incident Energy (MeV)

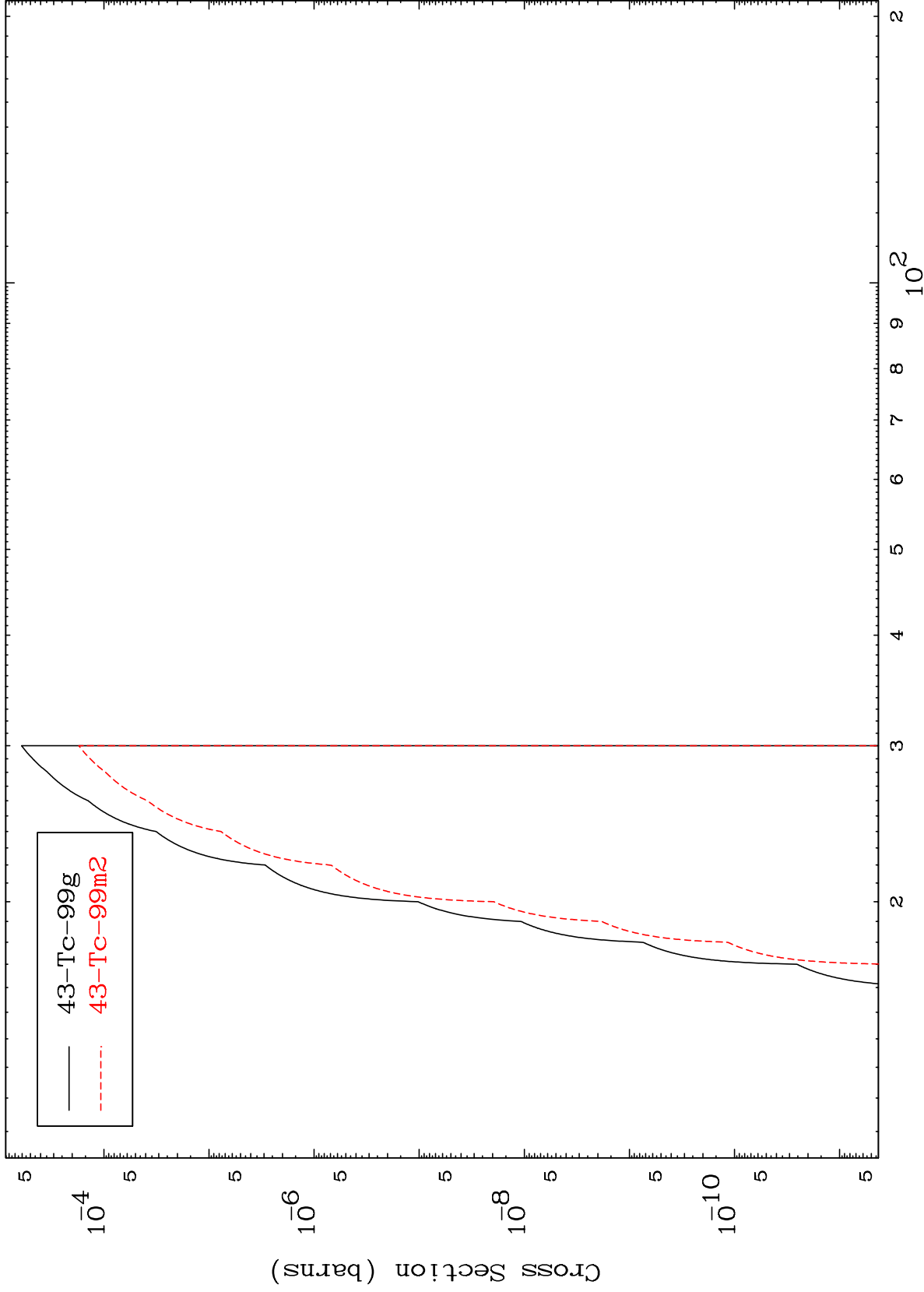
44-Ru-101

MAT 4440

(n,n') He-3

44-Ru-101

Radionuclide Production Cross Section



20

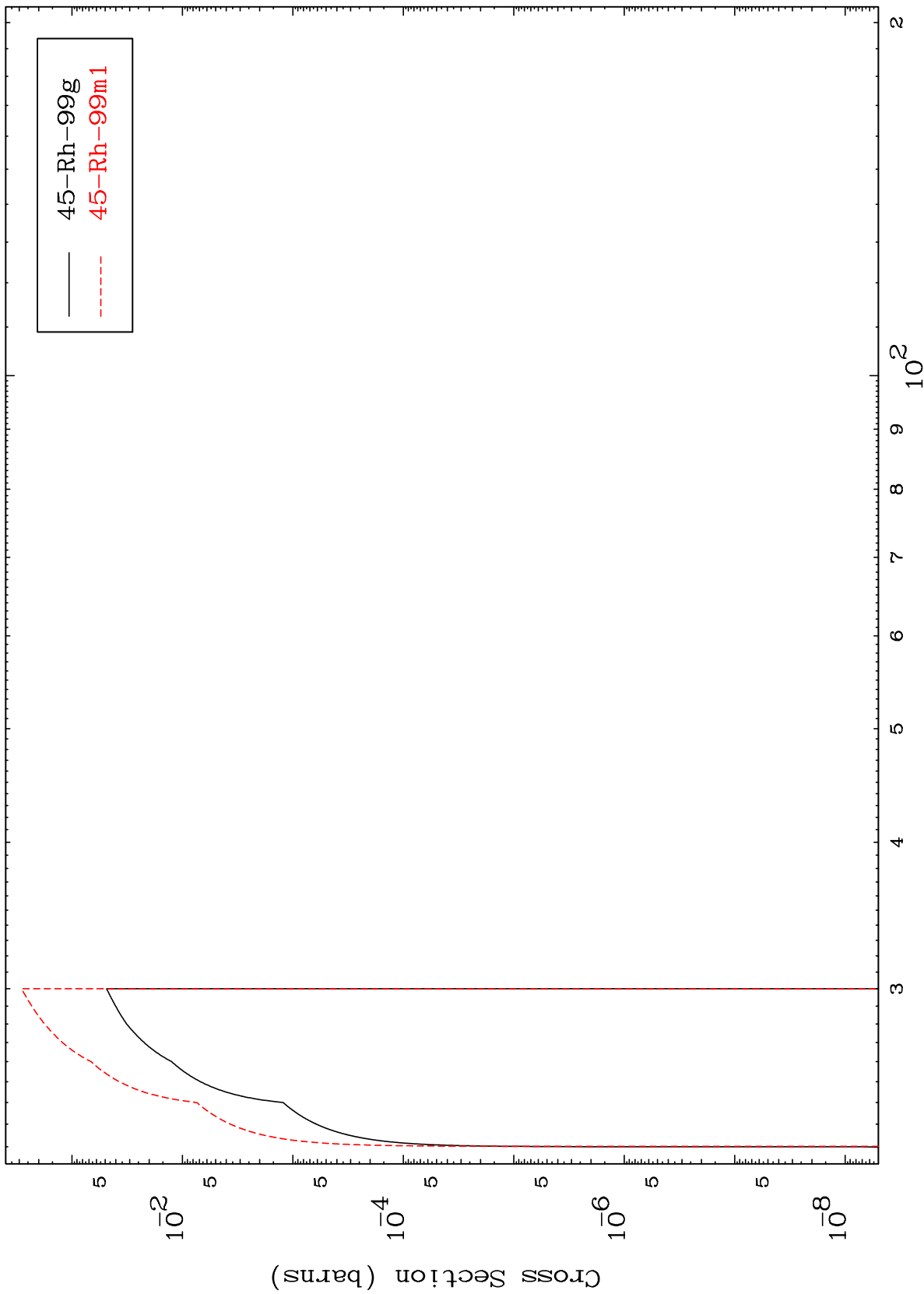
Incident Energy (MeV)

44-Ru-101

MAT 4440

44-Ru-101

(n,4n)
Radionuclide Production Cross Section



21

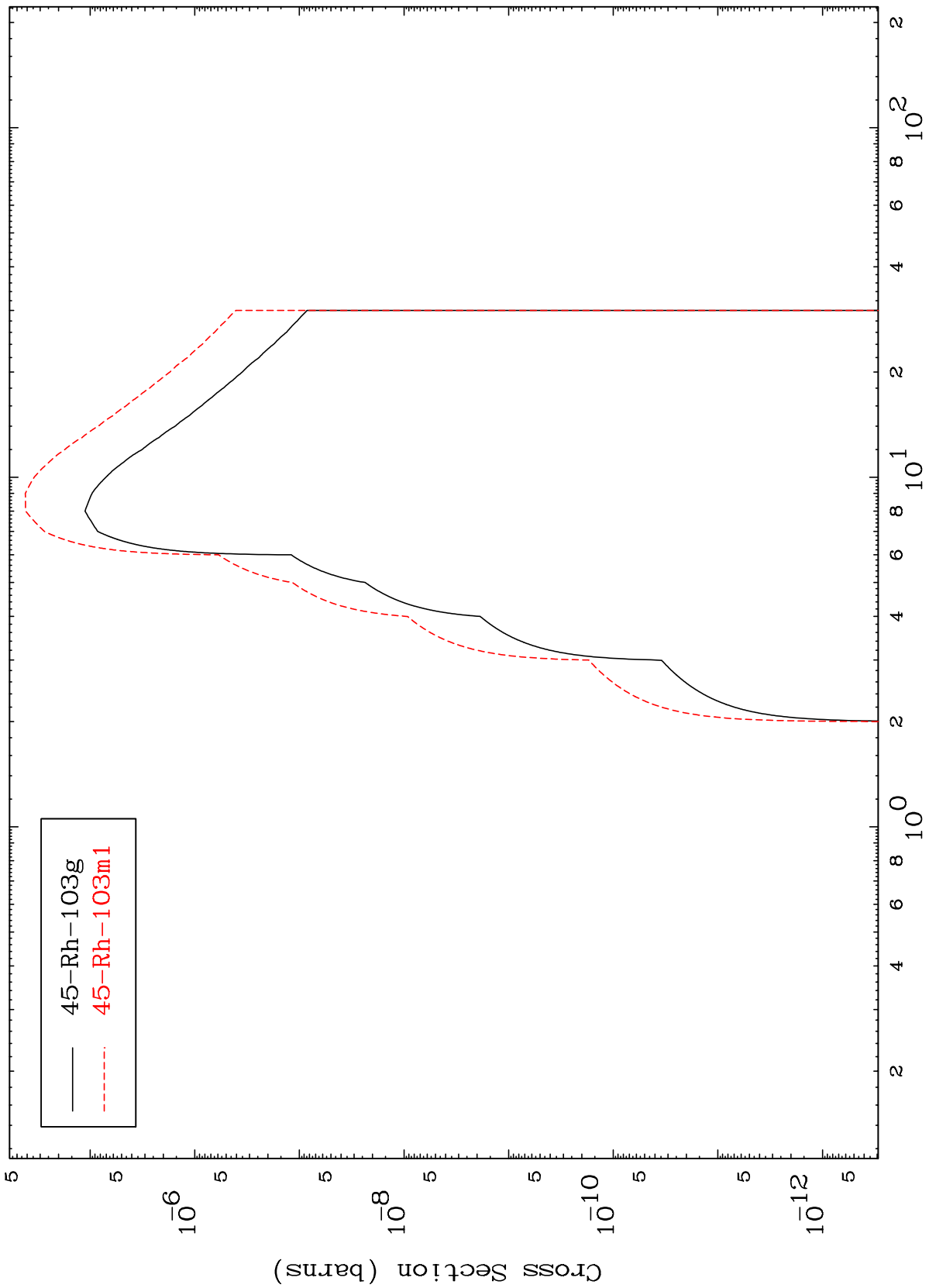
44-Ru-101

Incident Energy (MeV)

MAT 4440

44-Ru-101

(n, γ)
Radionuclide Production Cross Section

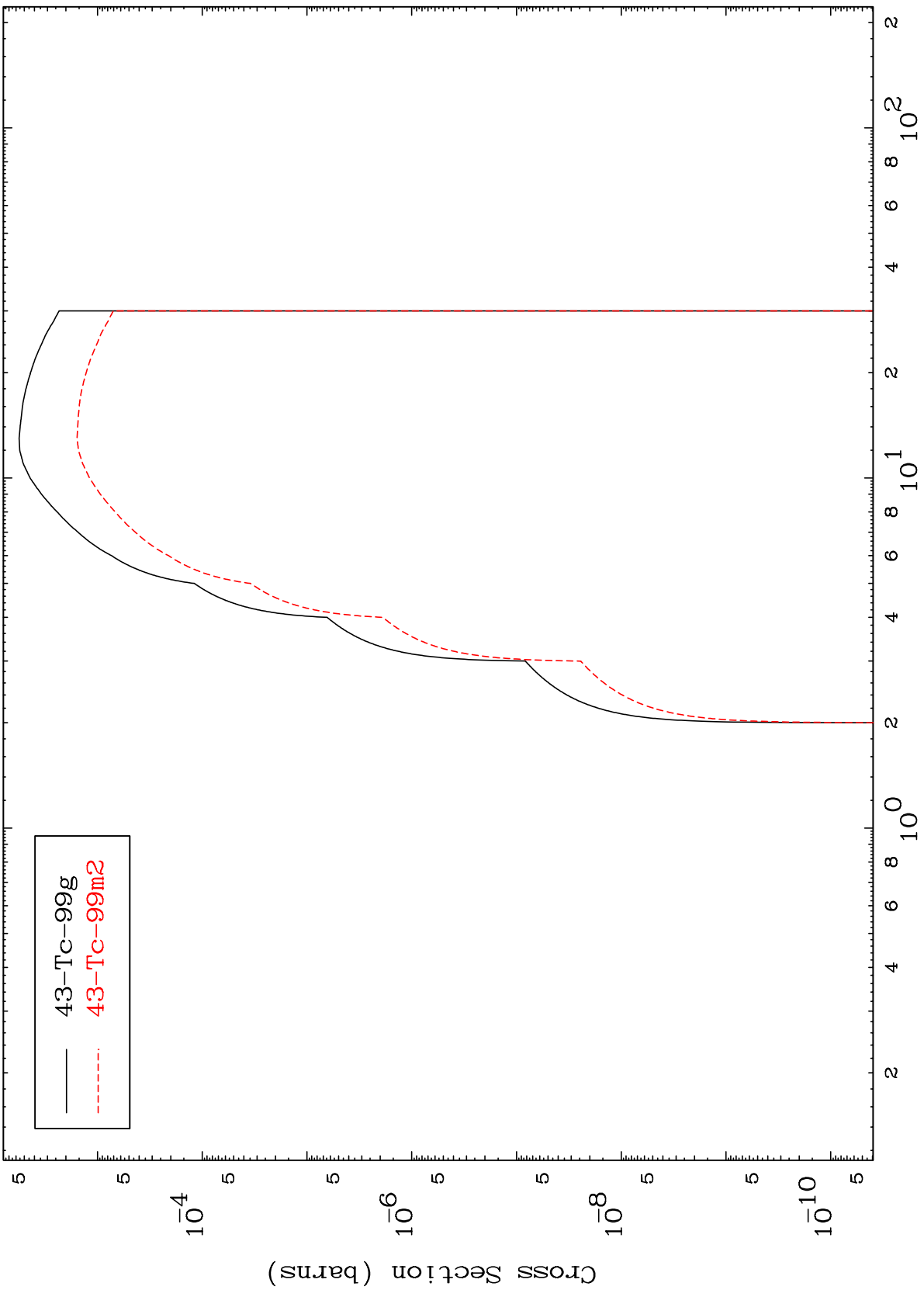


— 45-Rh-103g
- - - 45-Rh-103m1

MAT 4440

44-Ru-101

(n, α)
Radionuclide Production Cross Section



44-Ru-101

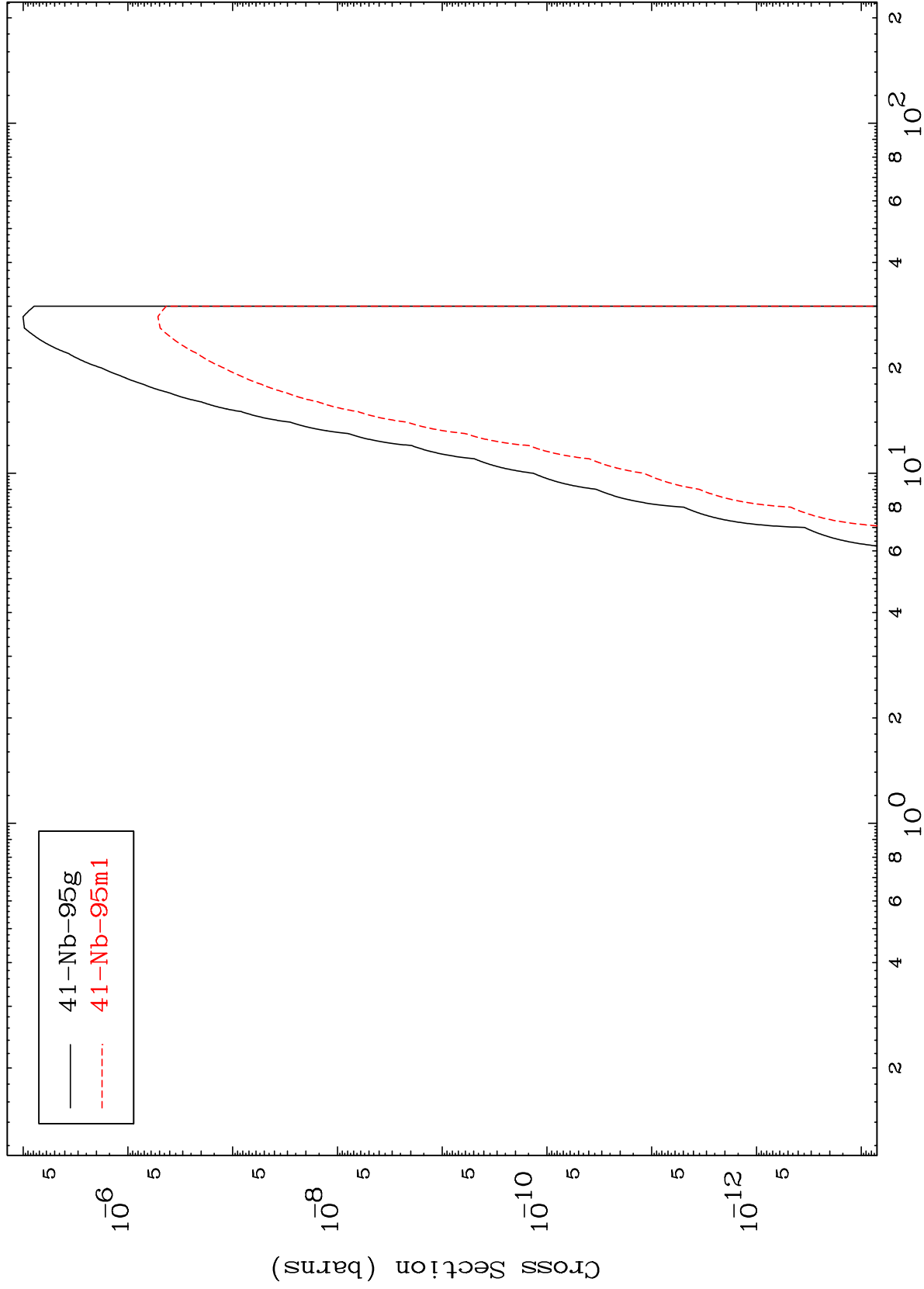
Incident Energy (MeV)

23

MAT 4440

44-Ru-101

Radionuclide Production Cross Section
(n,2 α)



24

44-Ru-101

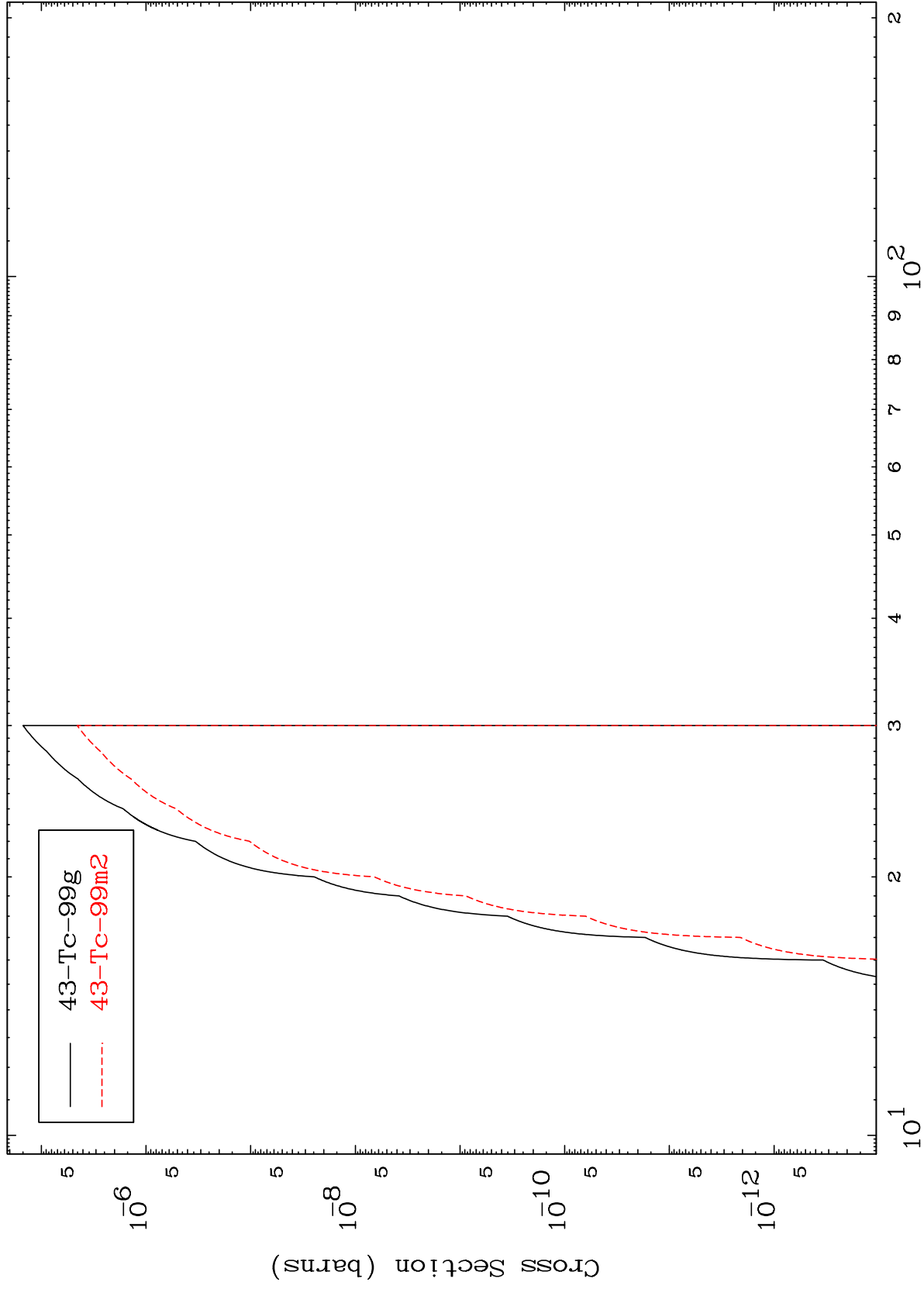
Incident Energy (MeV)

MAT 4440

(n,p) t

44-Ru-101

Radionuclide Production Cross Section



Incident Energy (MeV)

44-Ru-101

25