

Program EVALPLOT  
(Version 2021-1)

by

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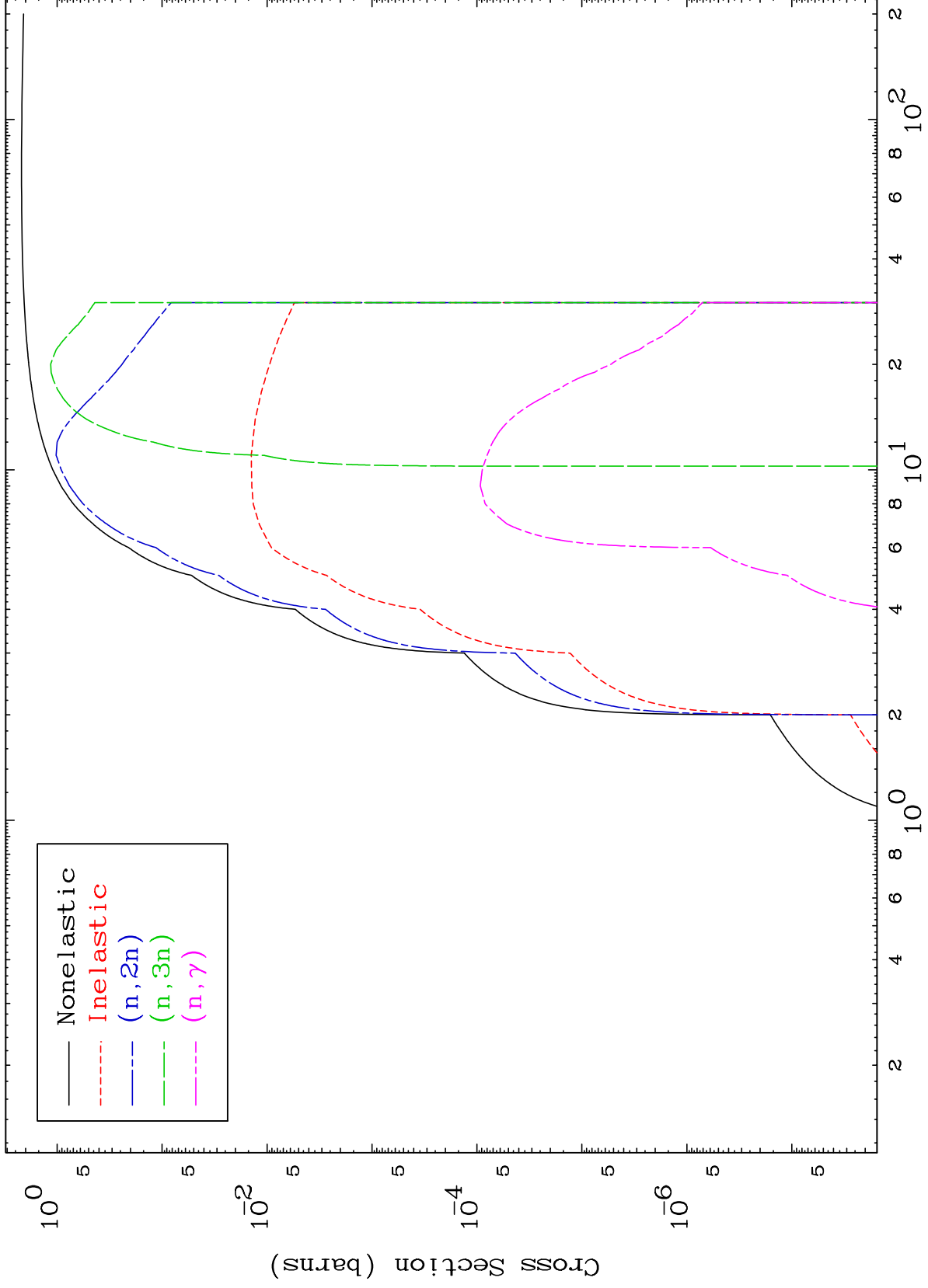
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4452

Deuteron Major  
0 Kelvin Cross Sections

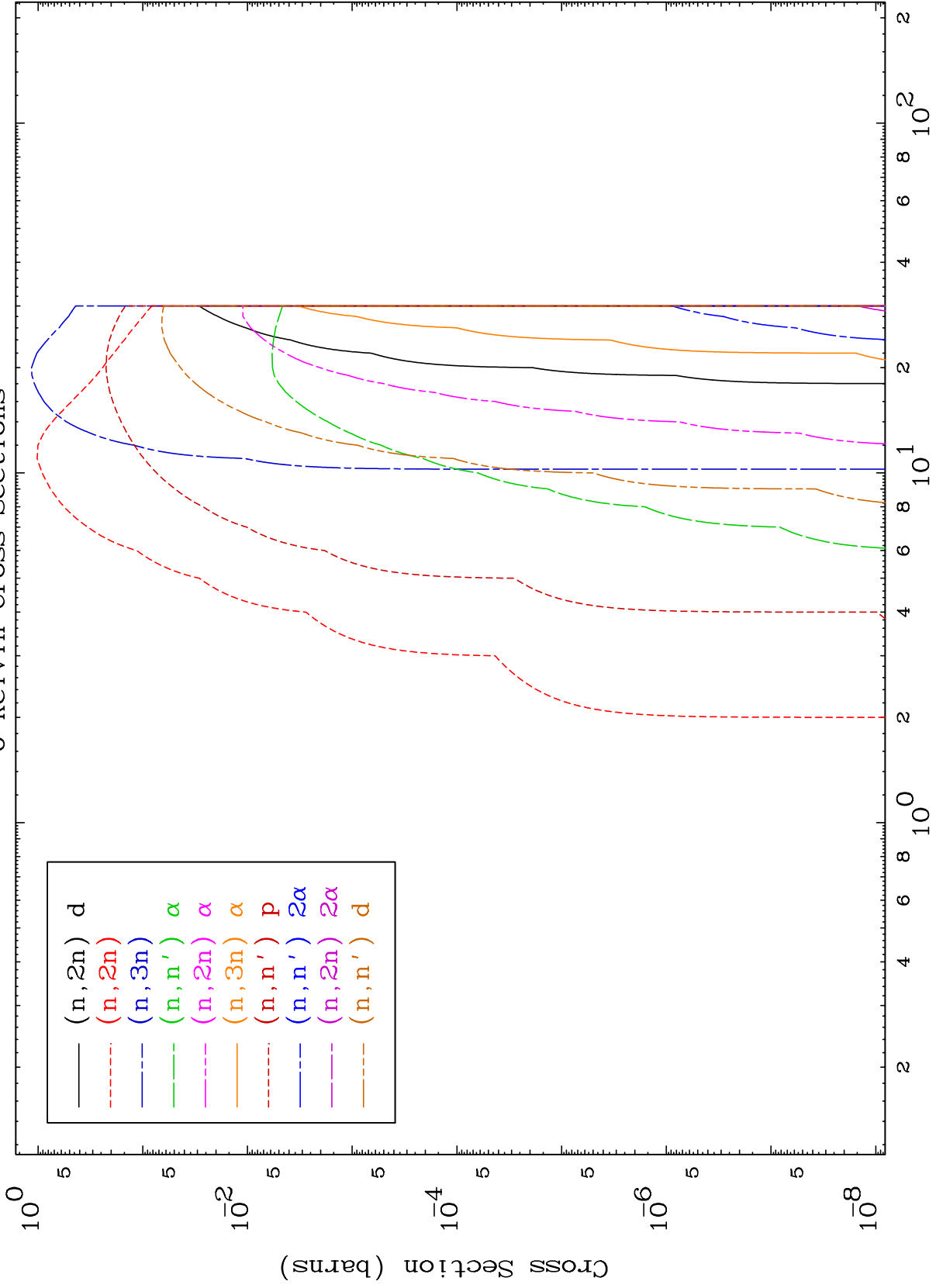
44-Ru-105



MAT 4452

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

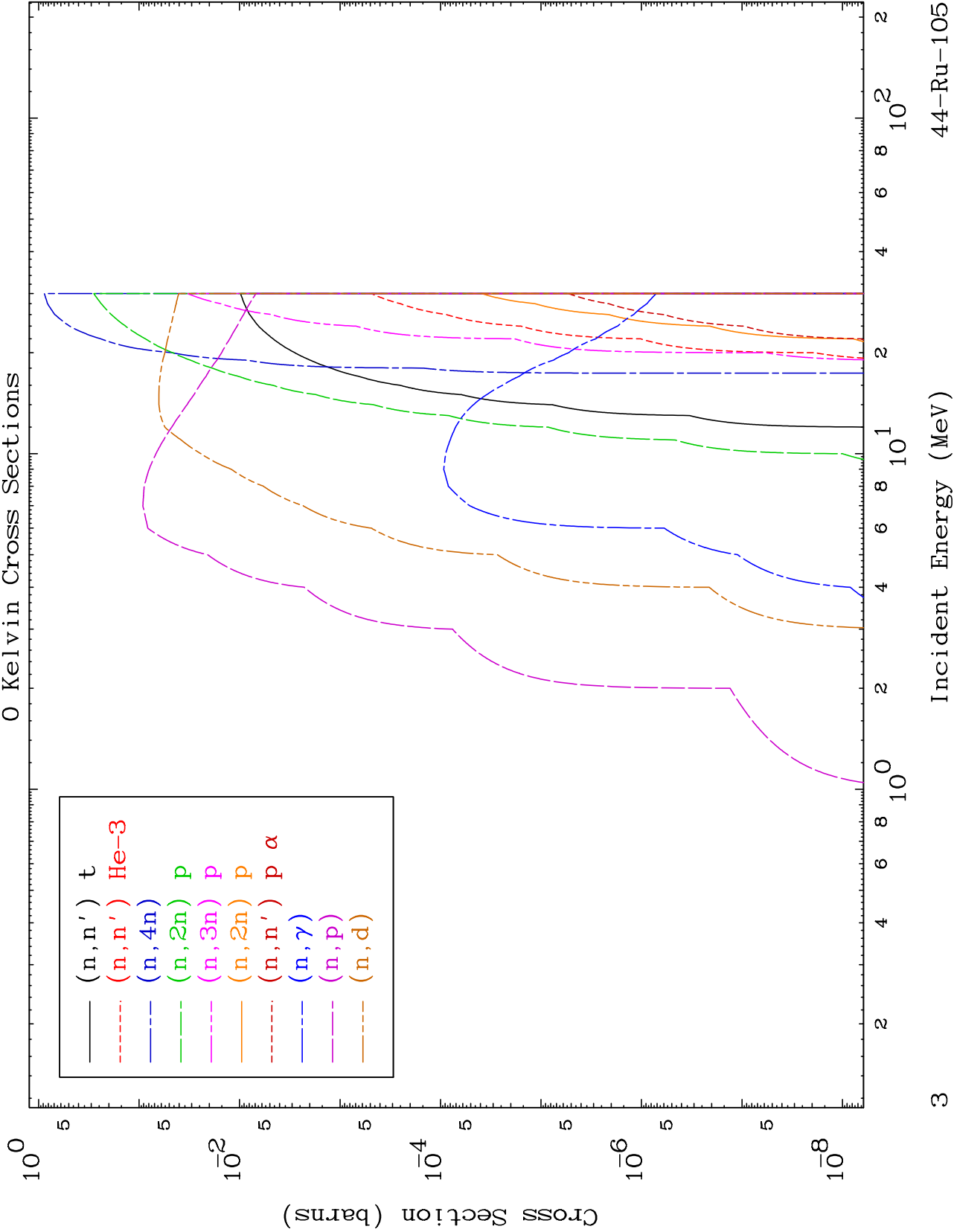
44-Ru-105



MAT 4452

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

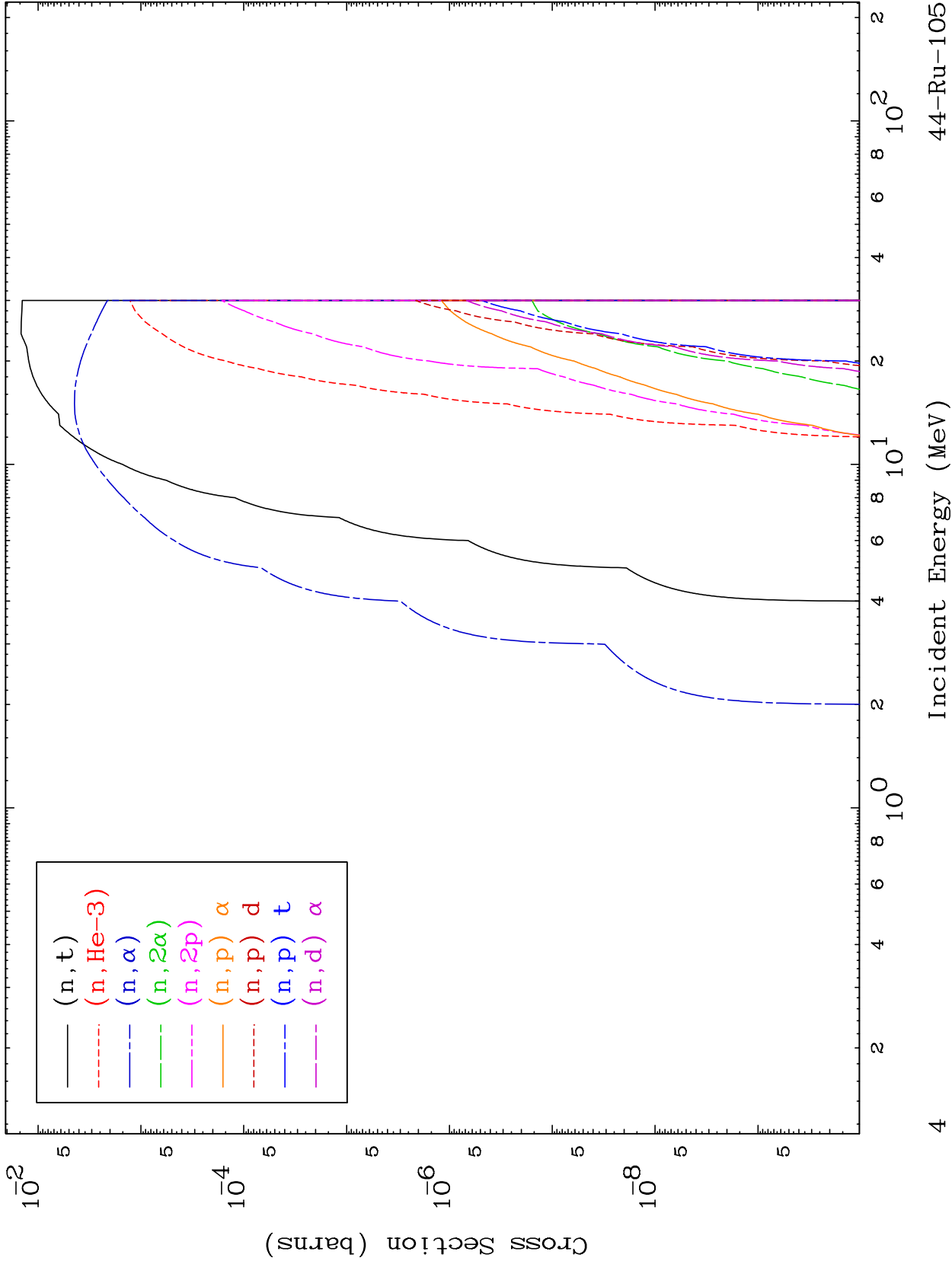
44-Ru-105



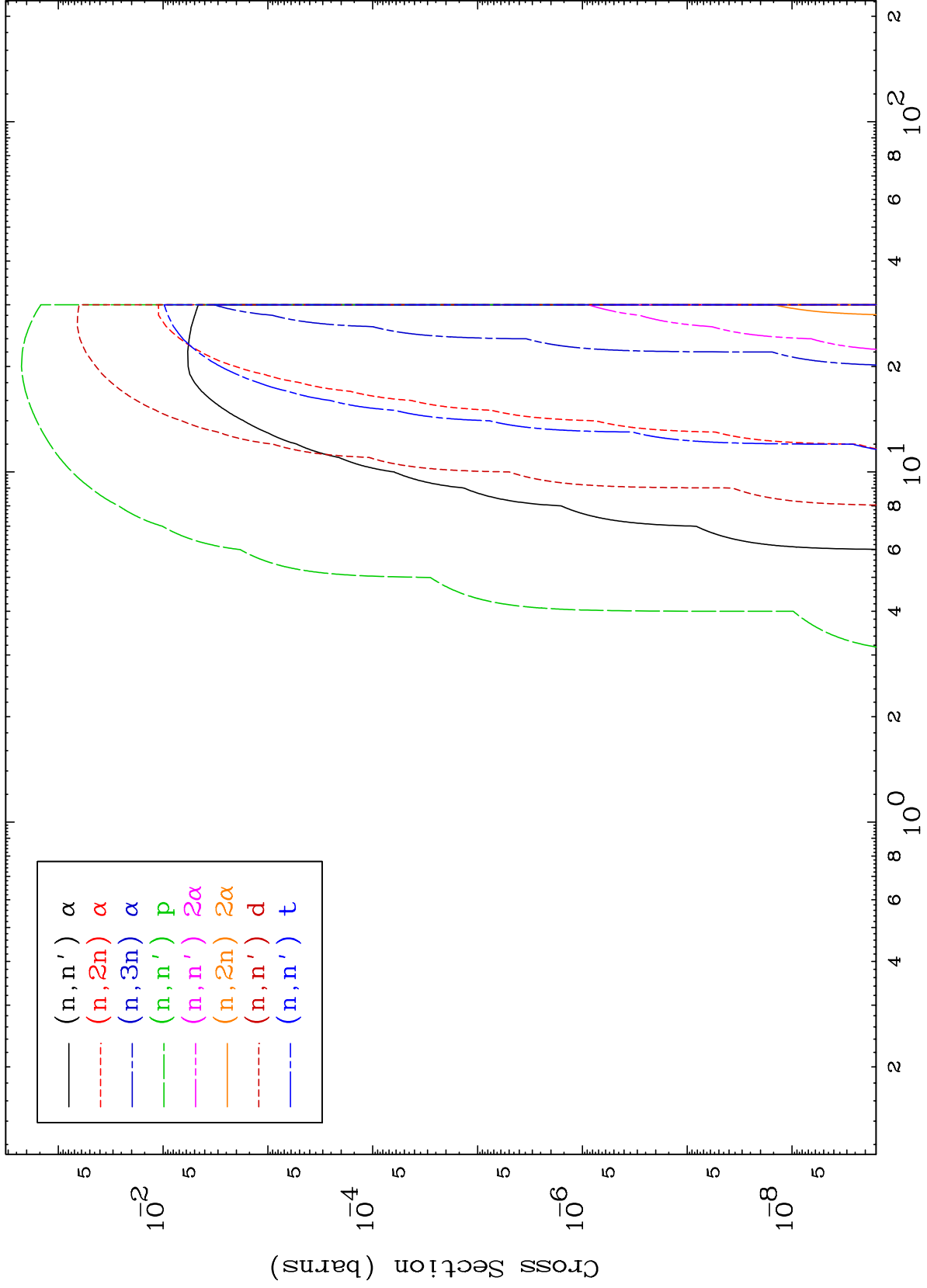
MAT 4452

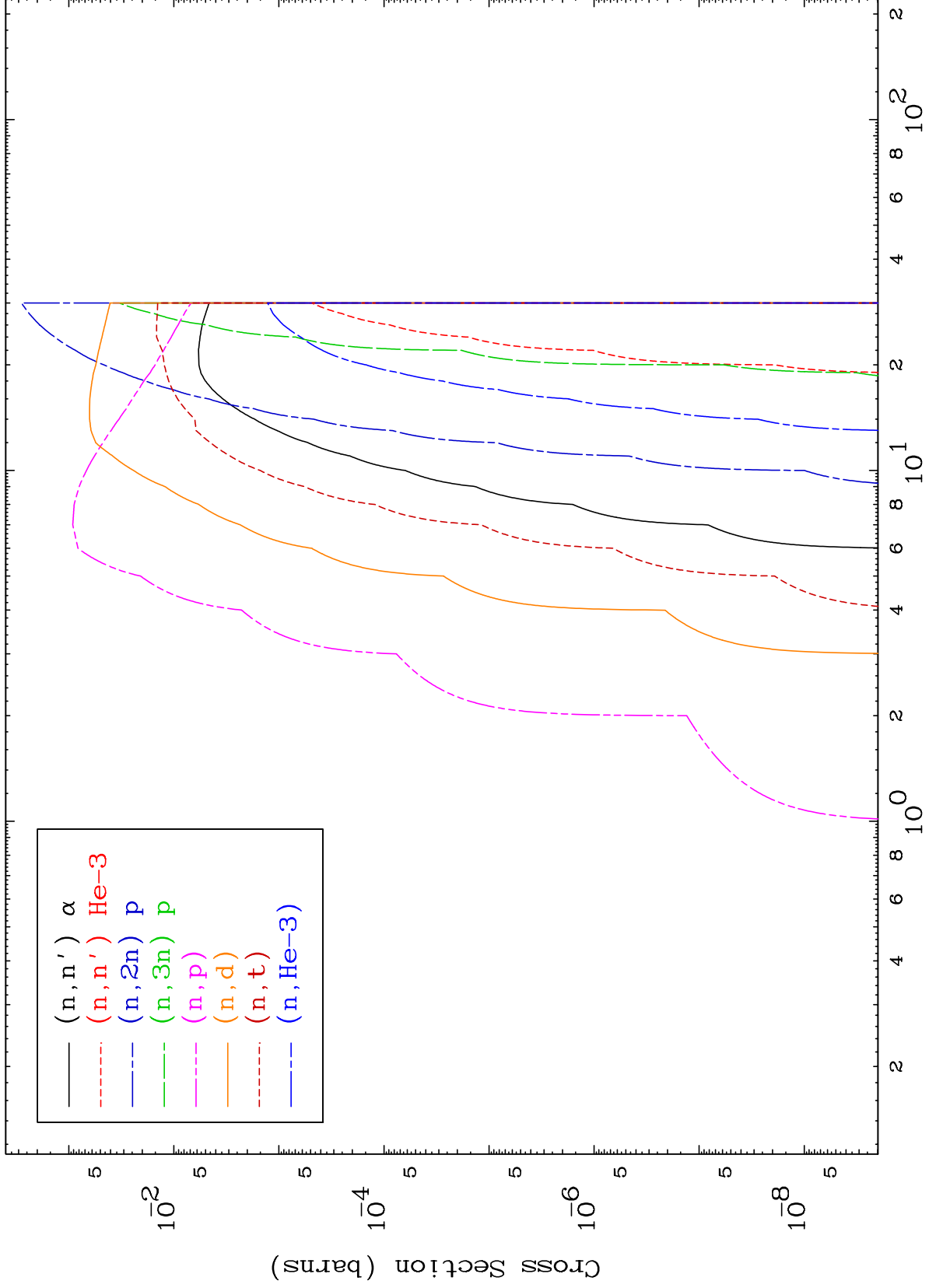
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

44-Ru-105



44-Ru-105

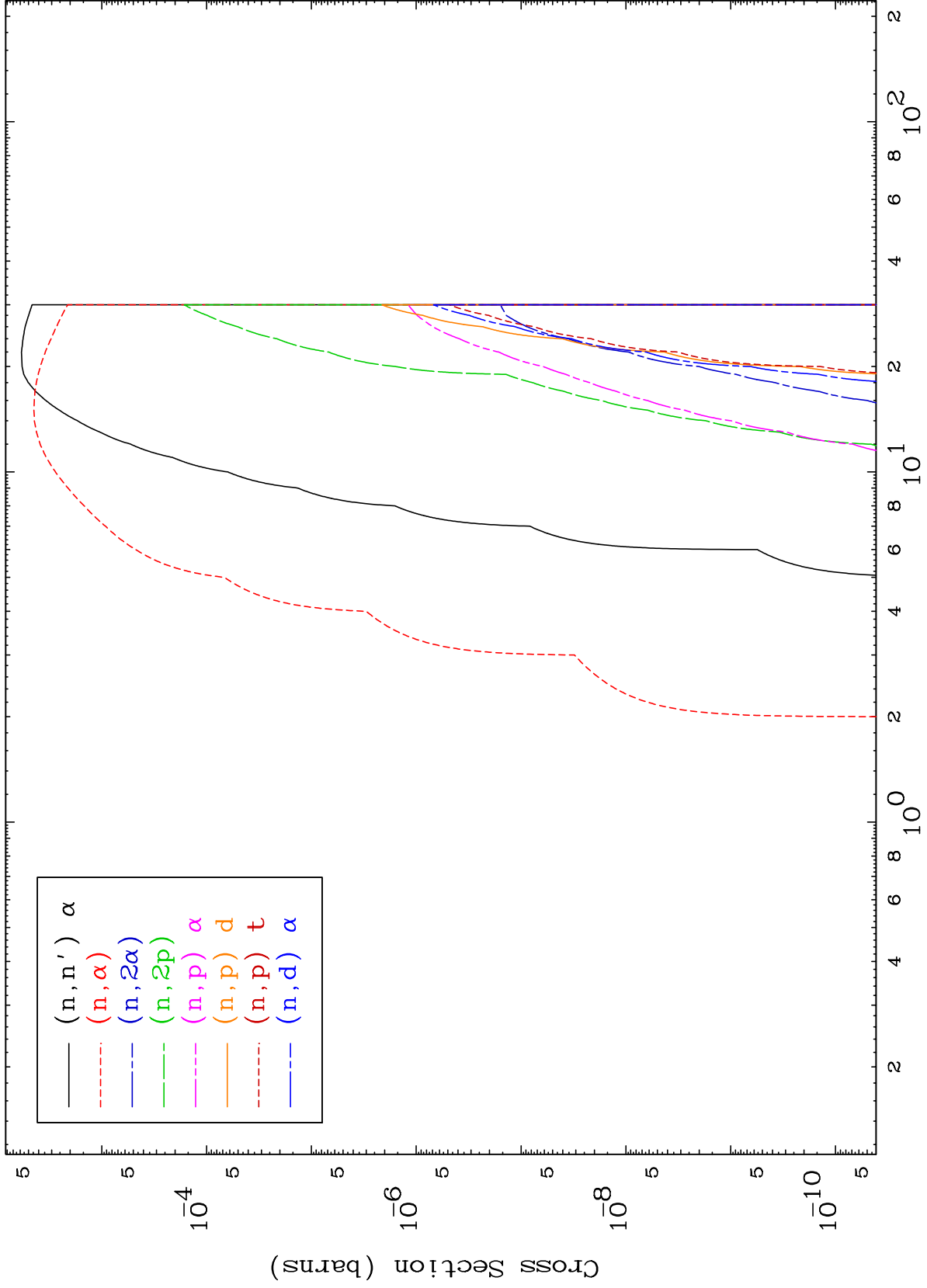




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Deuteron Charged Particle  
0 Kelvin Cross Sections

44-Ru-105



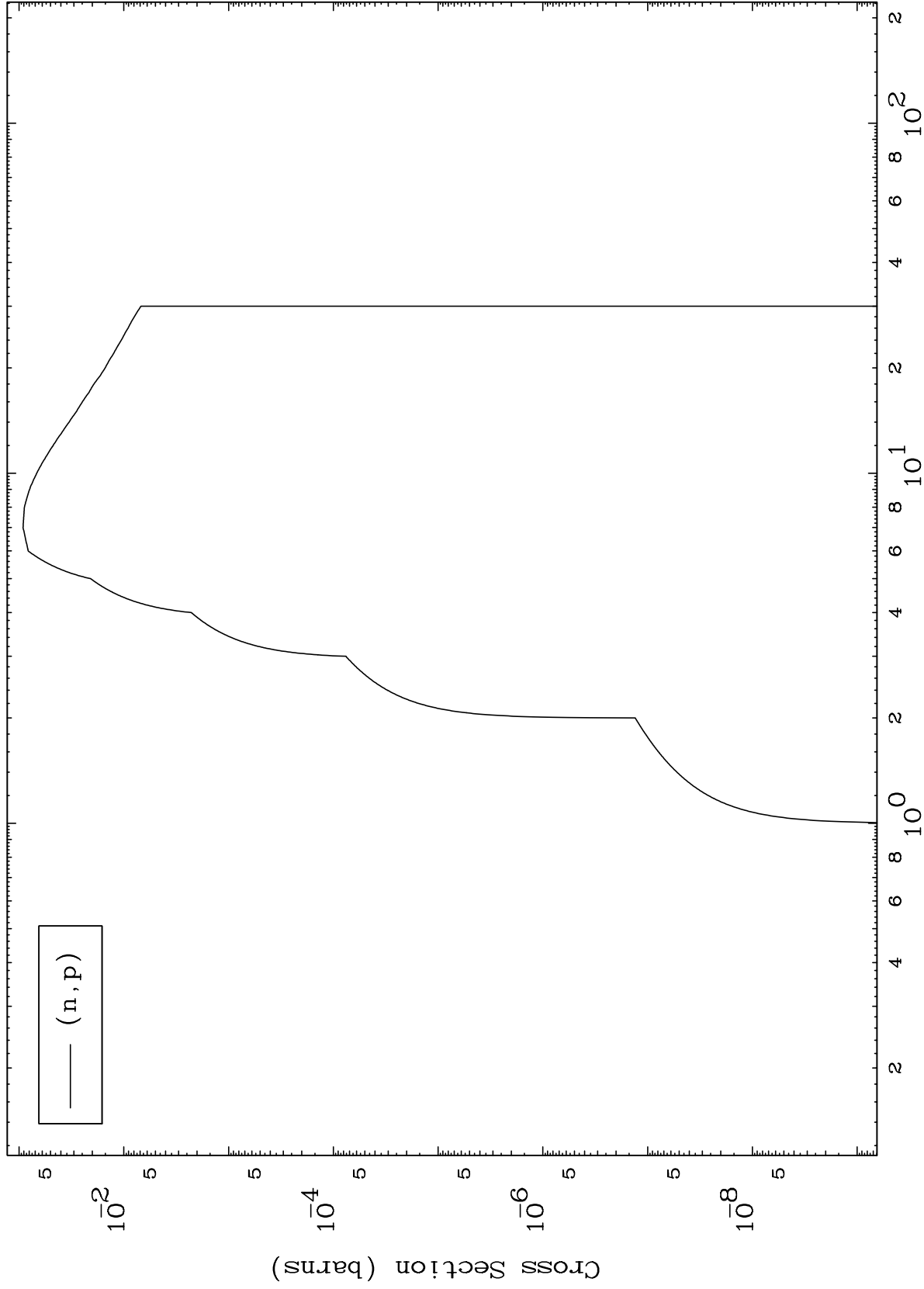


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(d,p) Levels

44-Ru-105

0 Kelvin Cross Sections

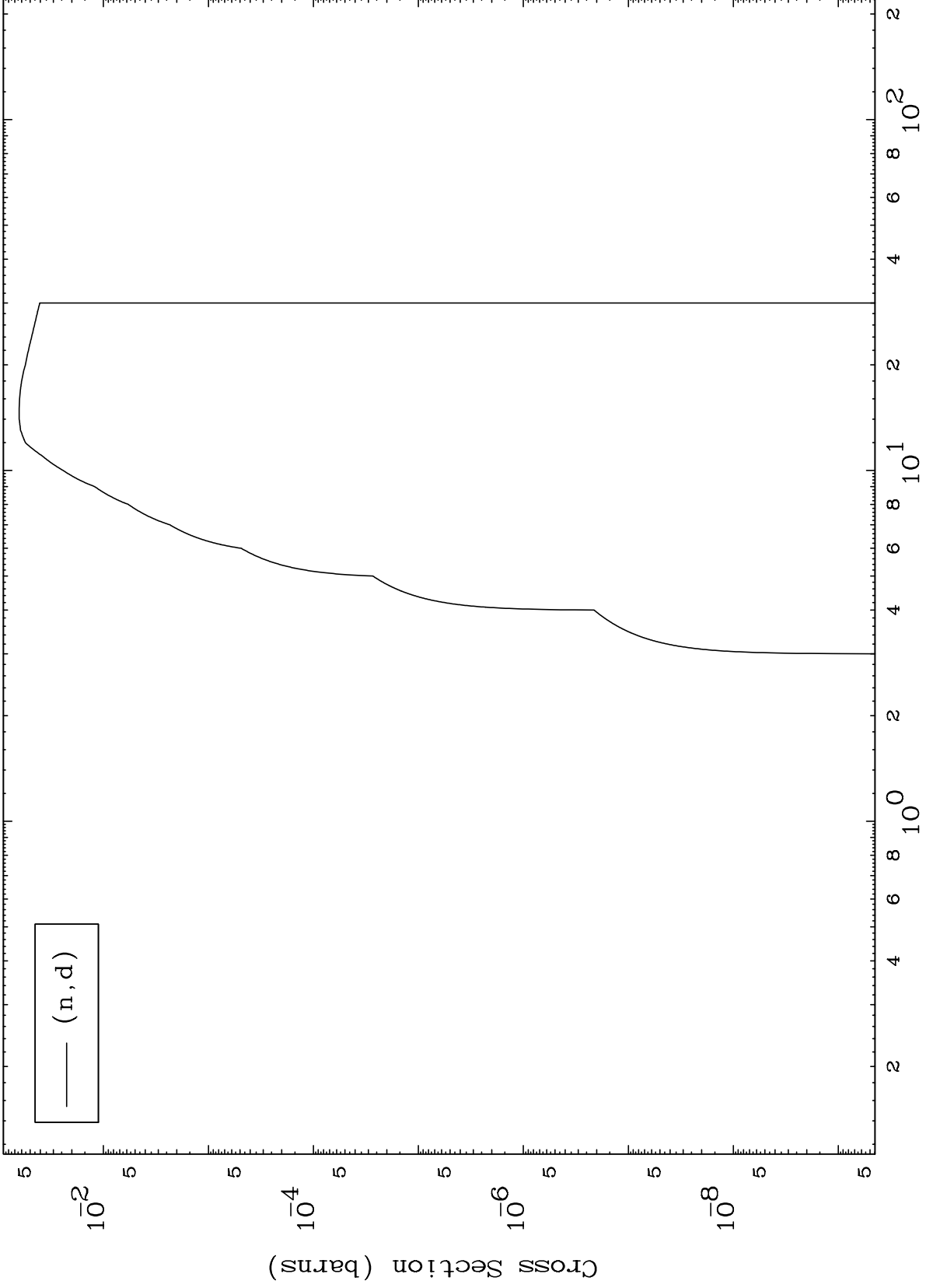


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(d,d) Levels

44-Ru-105

0 Kelvin Cross Sections

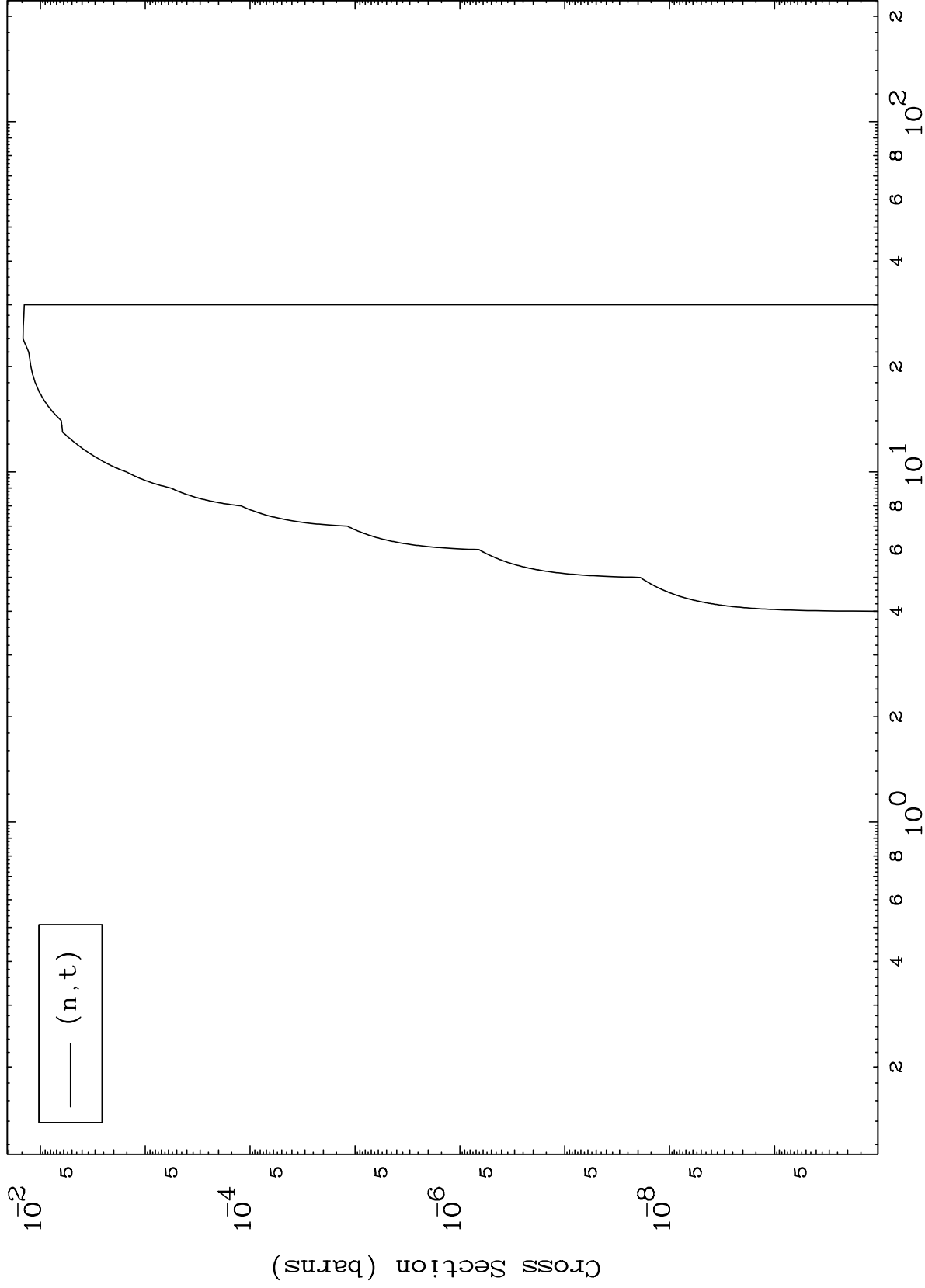


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(d, t) Levels

44-Ru-105

0 Kelvin Cross Sections



10

Incident Energy (MeV)

44-Ru-105

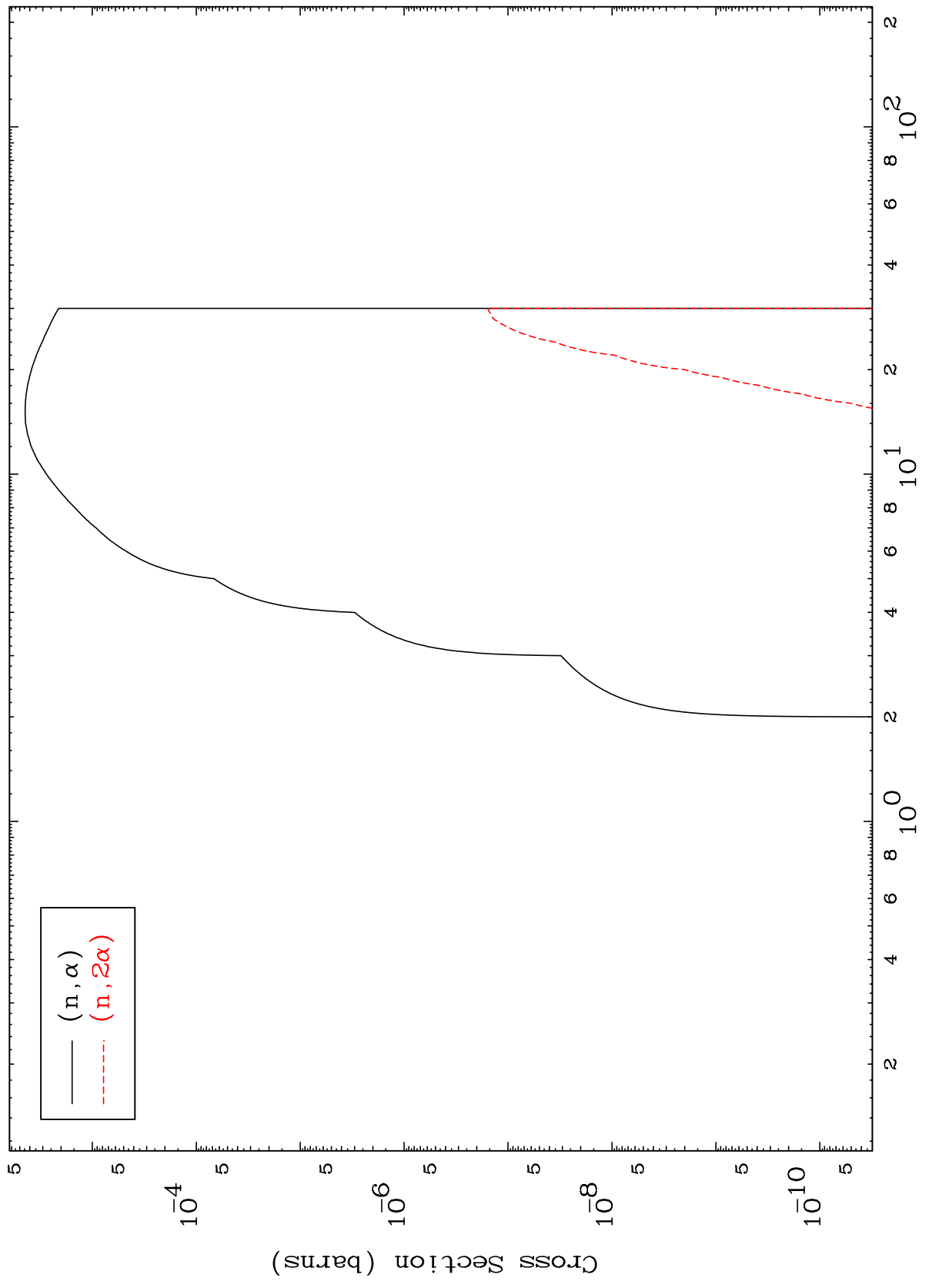


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(d,  $\alpha$ ) Levels

44-Ru-105

0 Kelvin Cross Sections

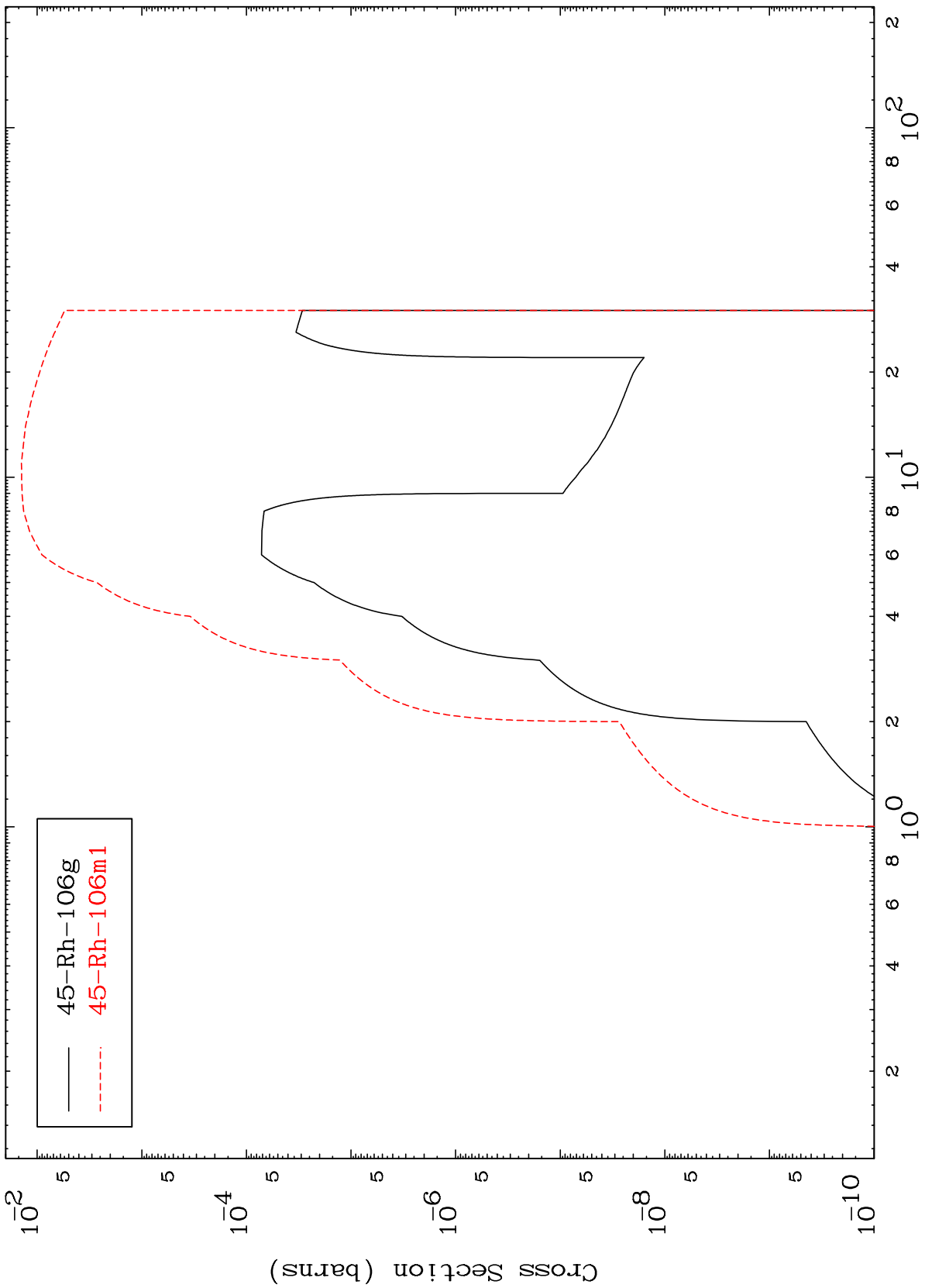


— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

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44-Ru-105

Inelastic  
Radionuclide Production Cross Section



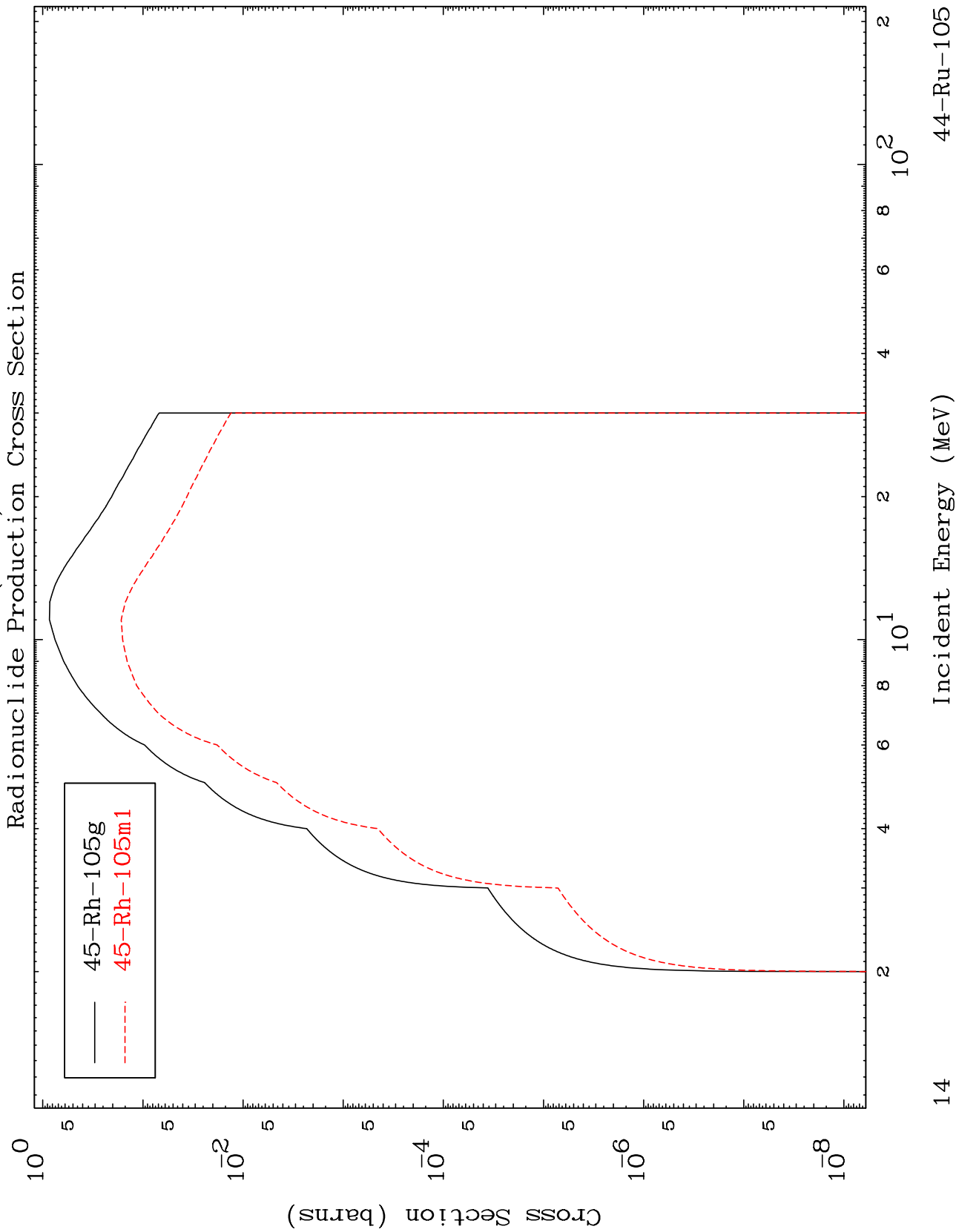
44-Ru-105

Incident Energy (MeV)

13

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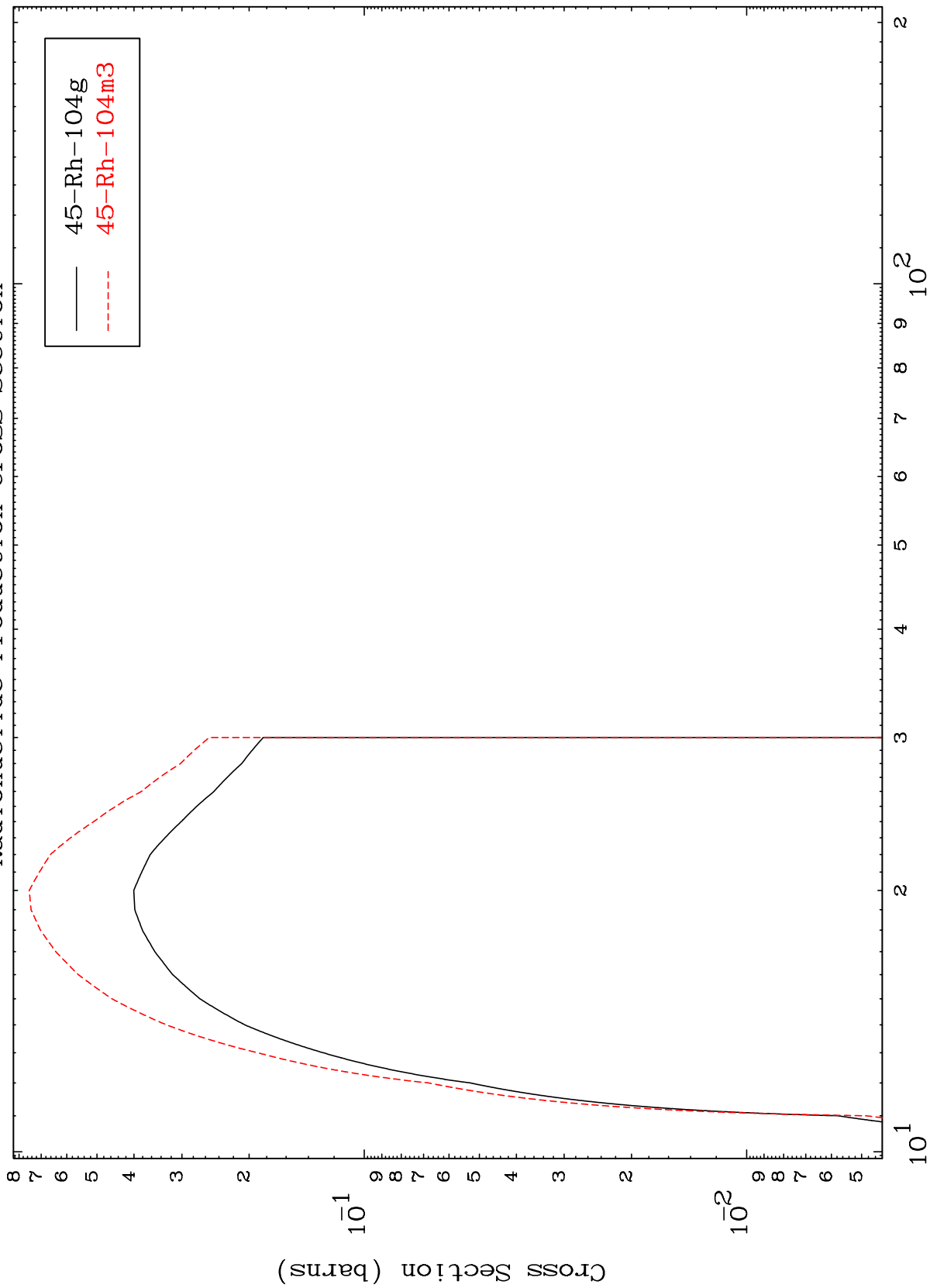
44-Ru-105



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44-Ru-105

(n,3n)  
Radionuclide Production Cross Section



44-Ru-105

Incident Energy (MeV)

15

10<sup>2</sup>

2

10<sup>1</sup>

10<sup>-2</sup>

10<sup>-1</sup>

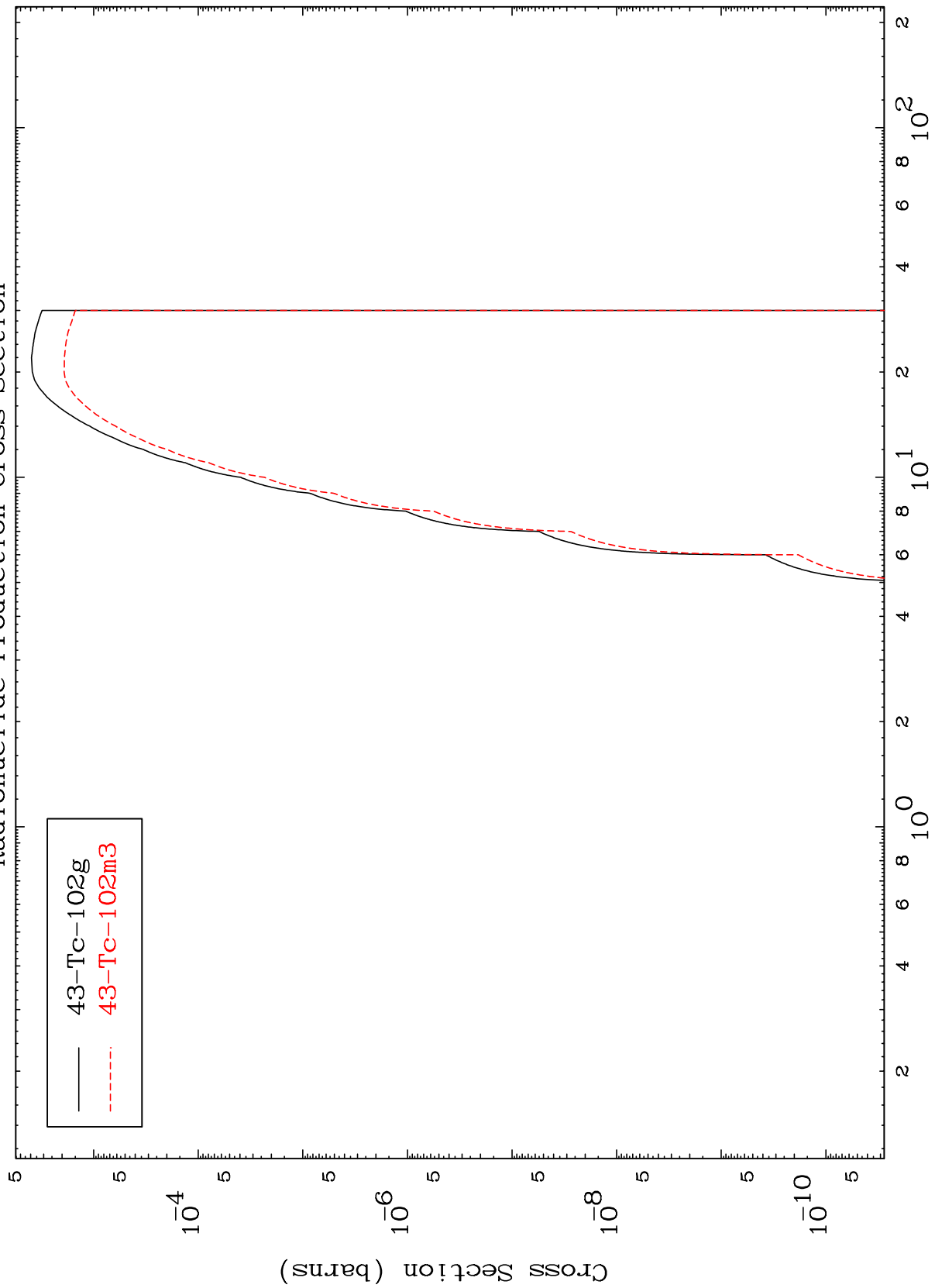


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(n,n')  $\alpha$

44-Ru-105

Radionuclide Production Cross Section



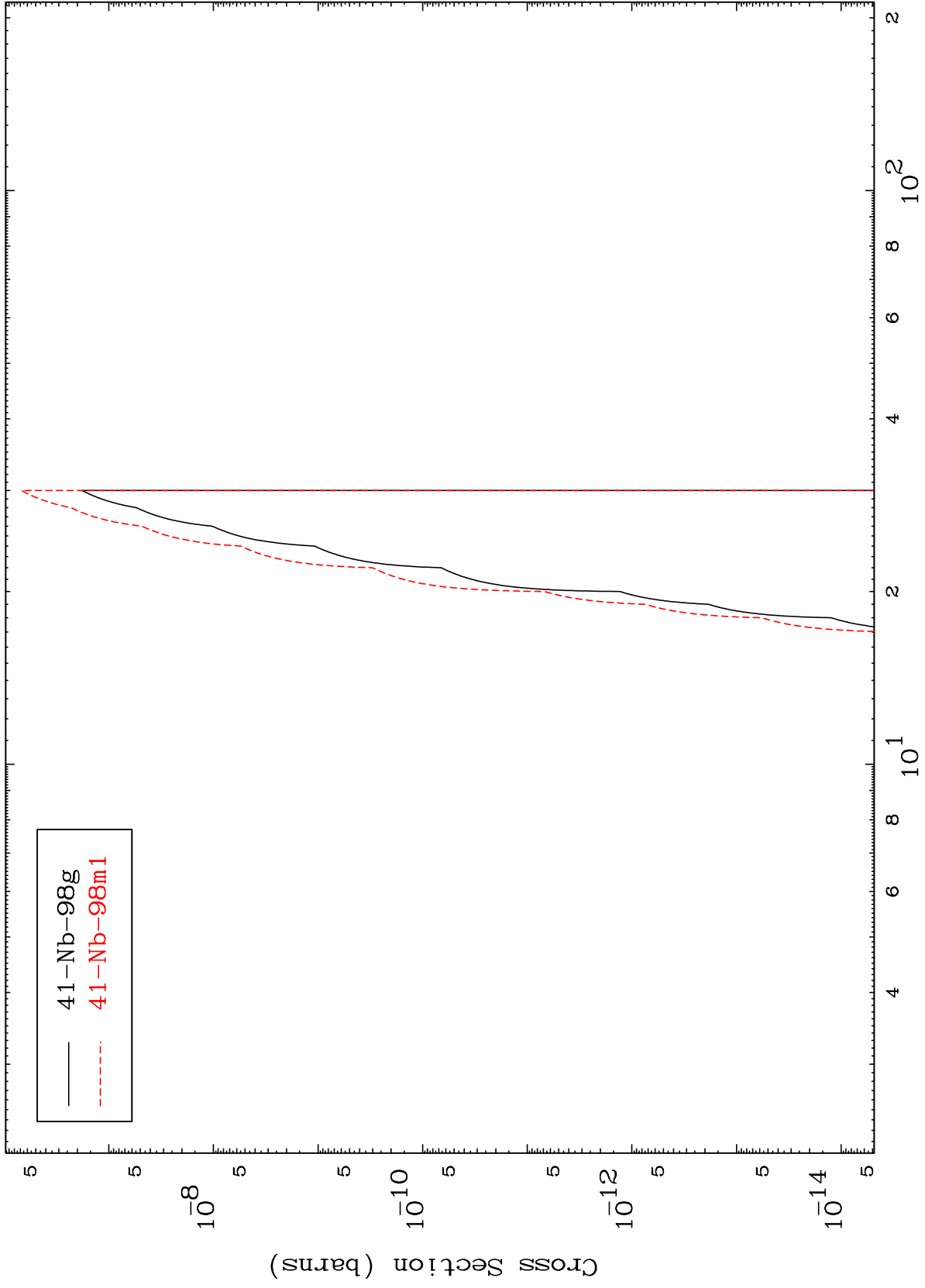
— 43-Tc-102g  
- - - 43-Tc-102m3

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(n, n') 2α

44-Ru-105

Radionuclide Production Cross Section

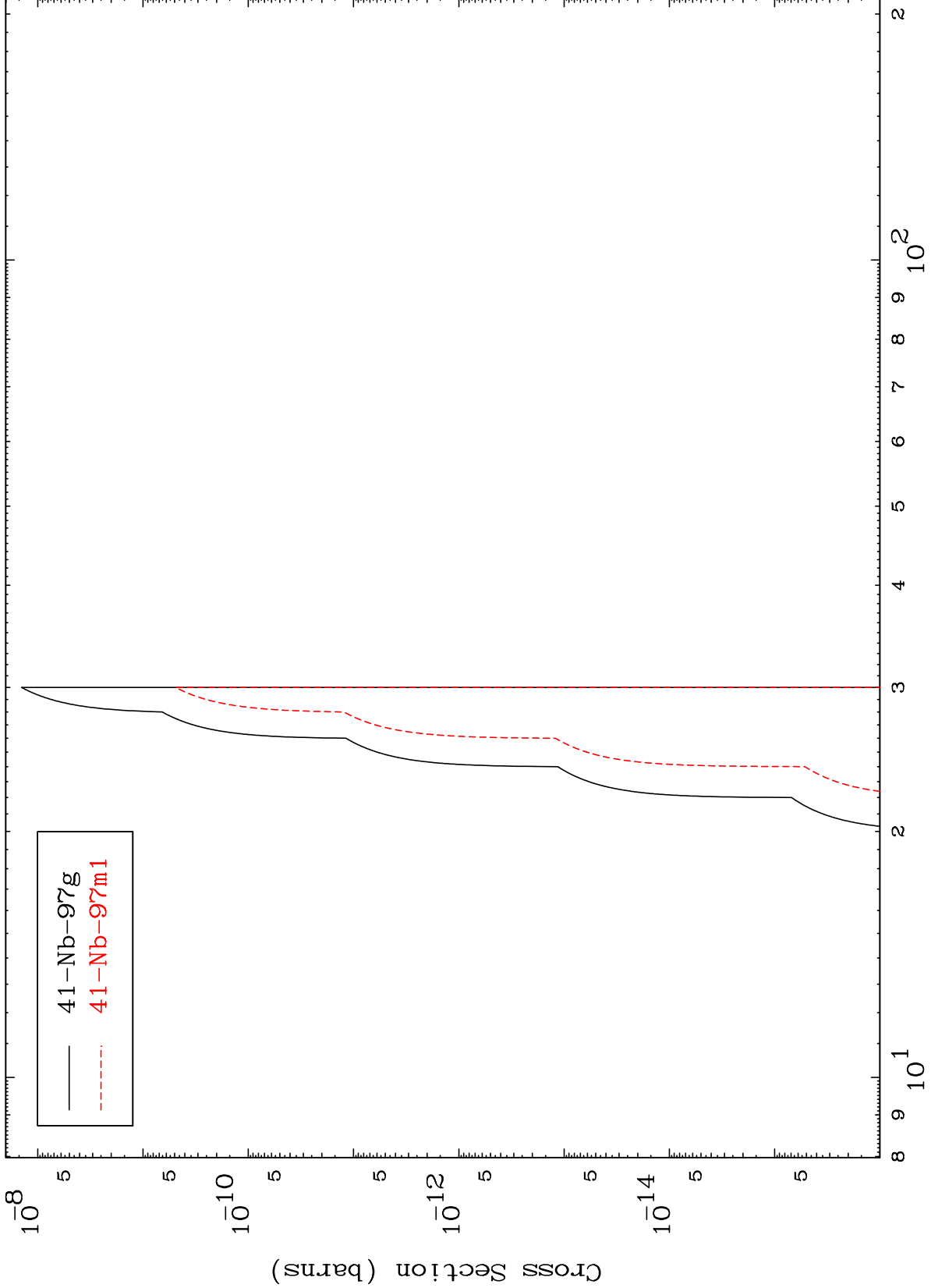


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(n,2n) 2 $\alpha$

44-Ru-105

Radionuclide Production Cross Section



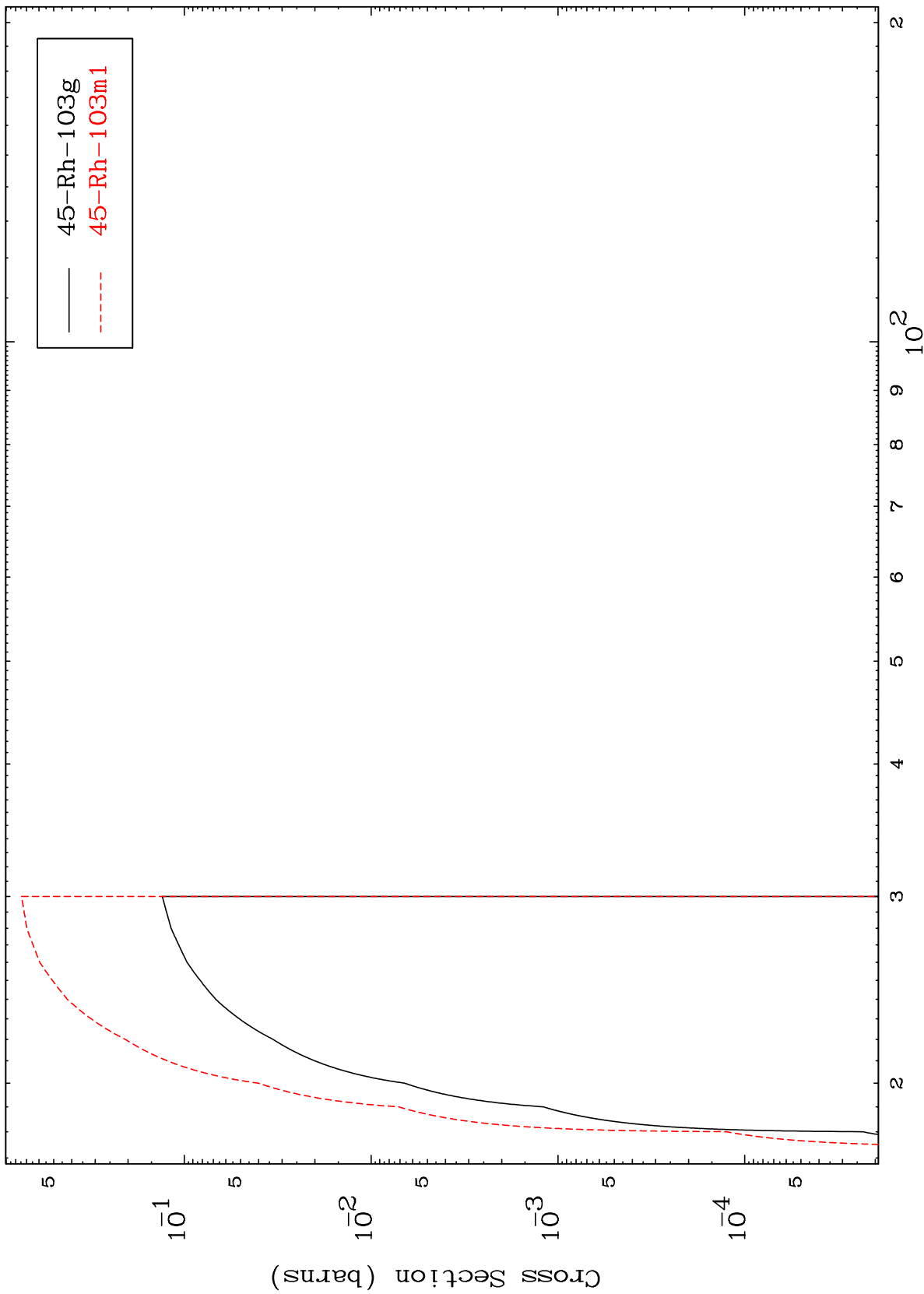
— 41-Nb-97g  
- - - 41-Nb-97m1

18

Incident Energy (MeV)

44-Ru-105

(n,4n)  
Radionuclide Production Cross Section

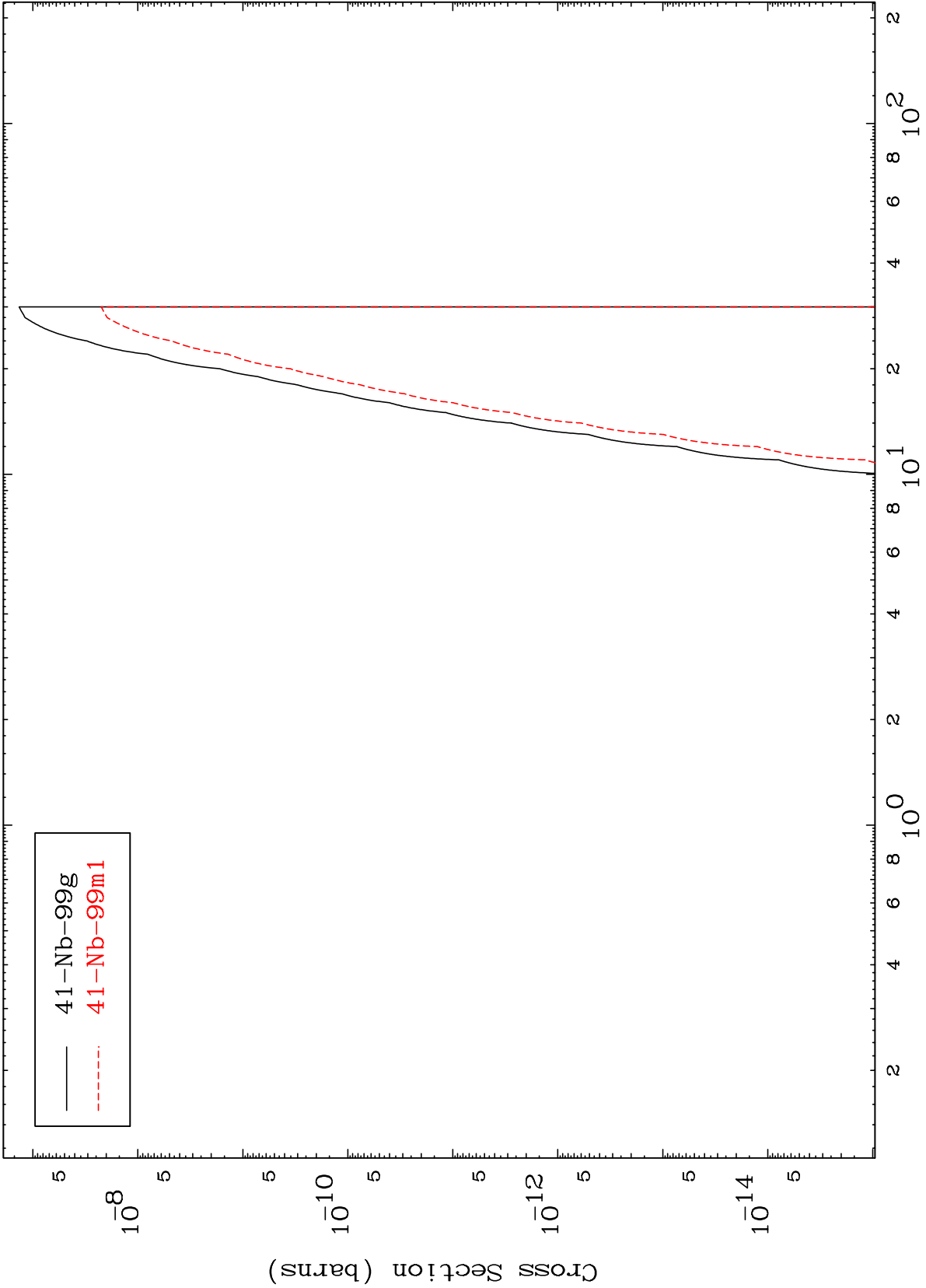


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(n,2α)

44-Ru-105

Radionuclide Production Cross Section



20

Incident Energy (MeV)

44-Ru-105