

Program EVALPLOT  
(Version 2021-1)

by

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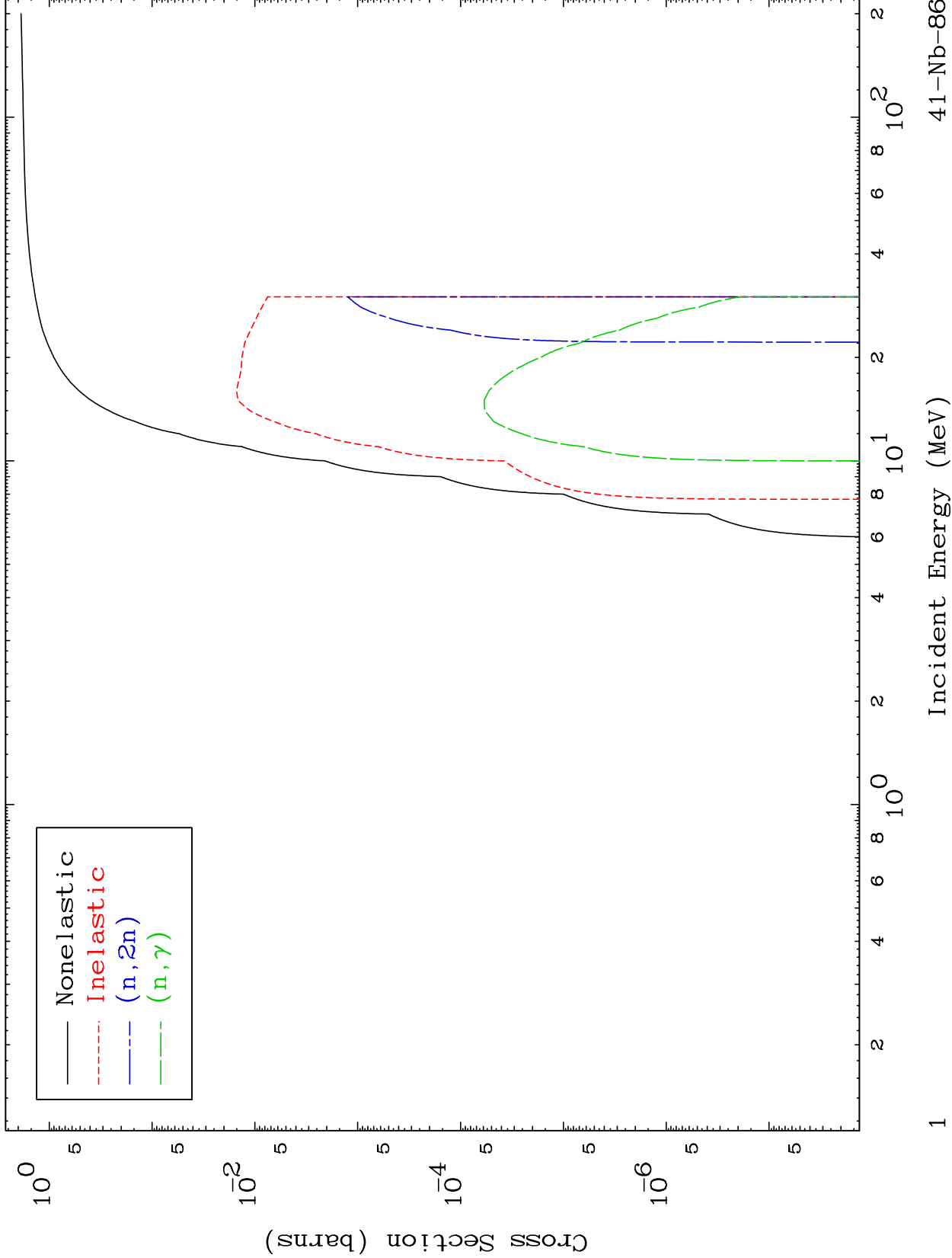
Web:redcullen1.net/HOMEPAGE.NEW

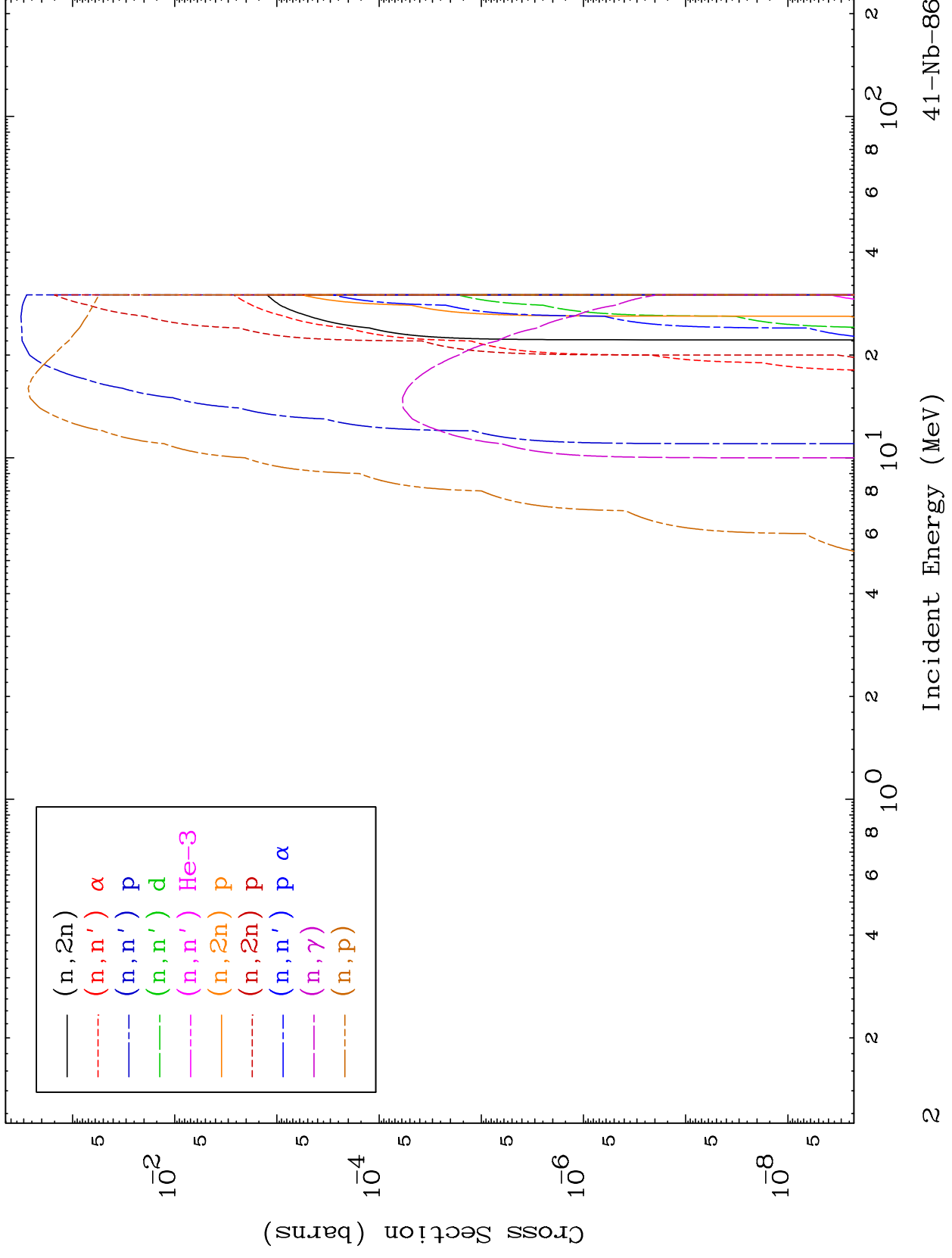
Press Mouse Button to Start

MAT 4104

0 Kelvin  $\alpha$  Major Cross Sections

41-Nb-86

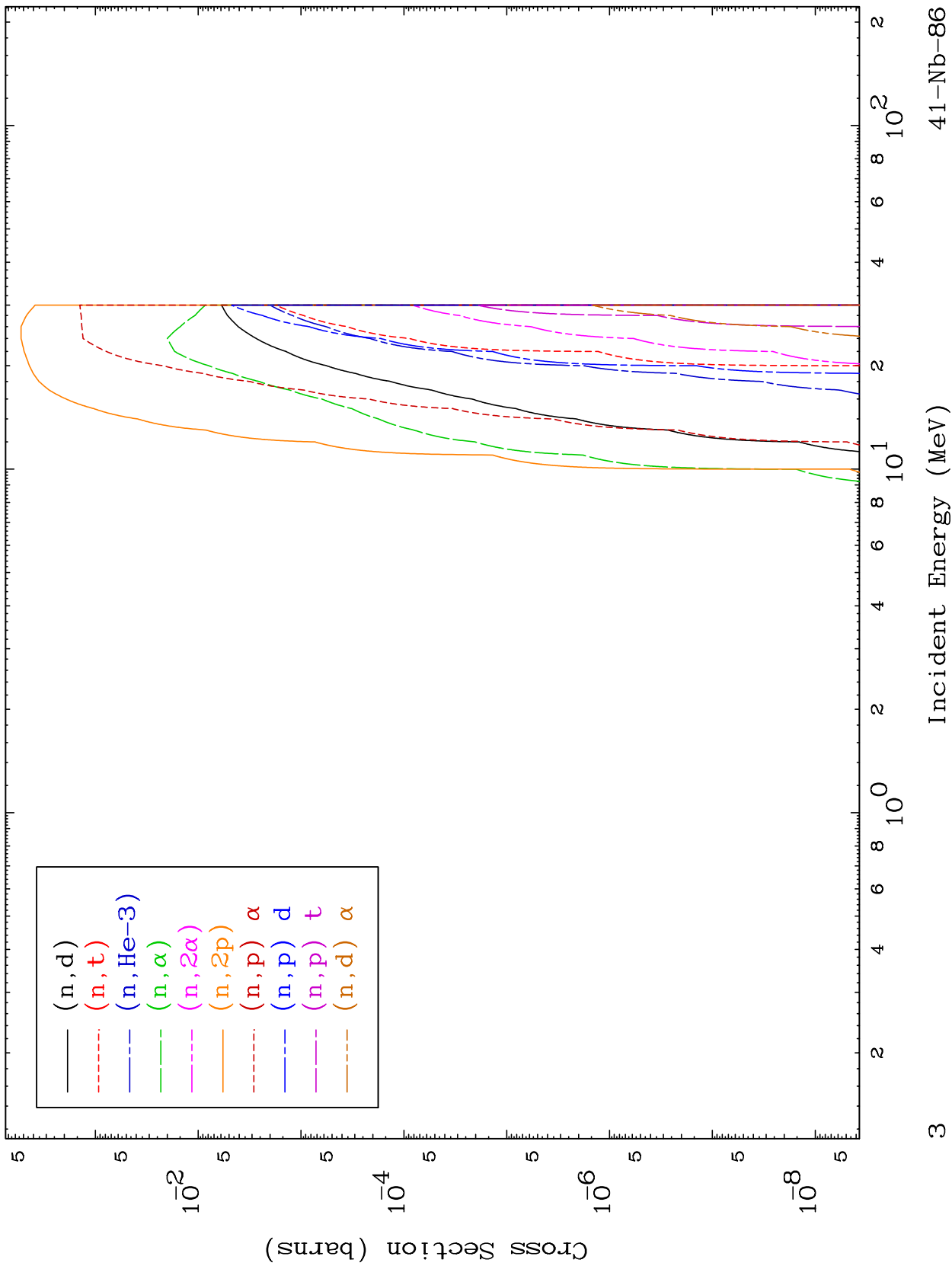


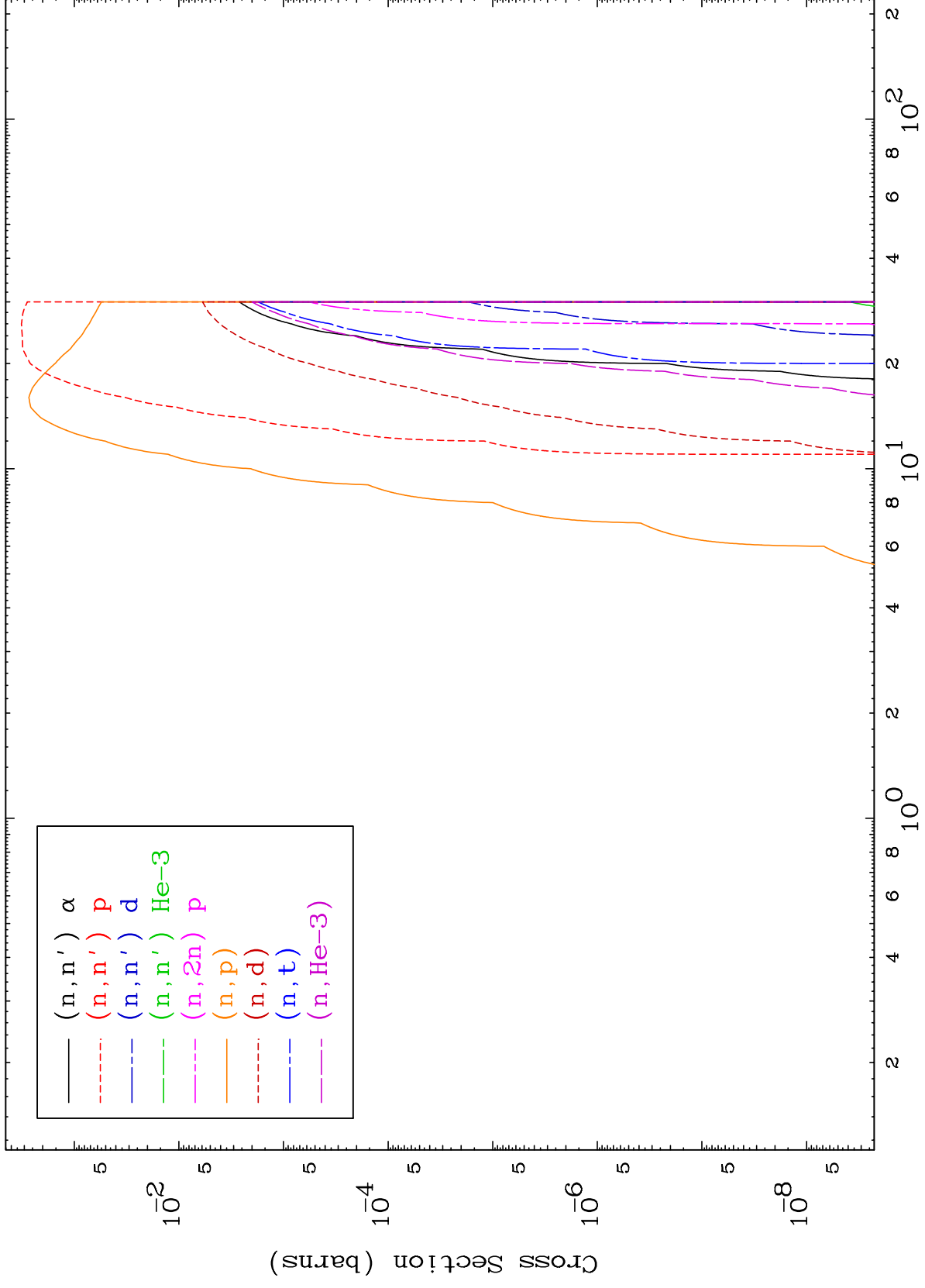


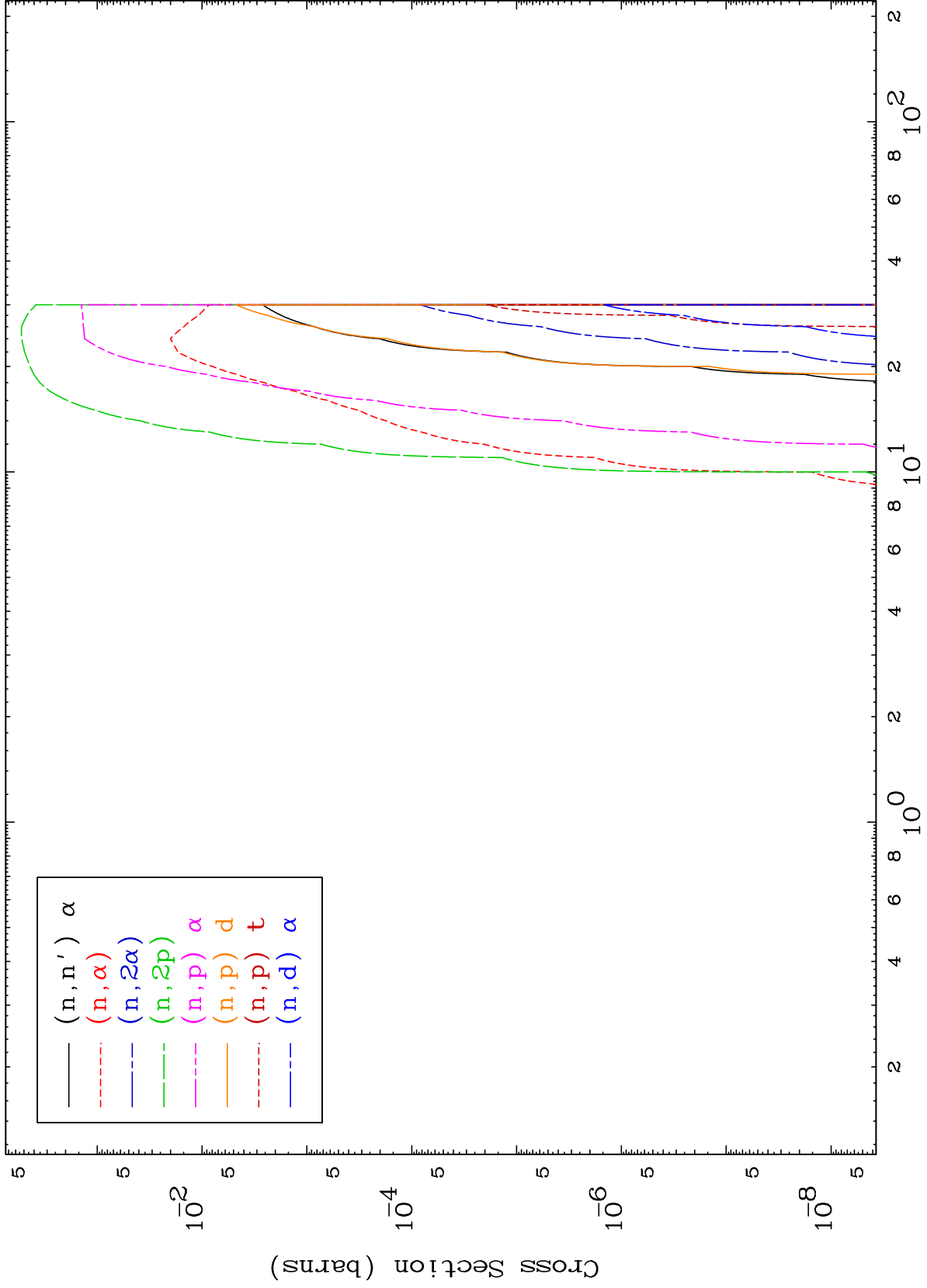
MAT 4104

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

41-Nb-86





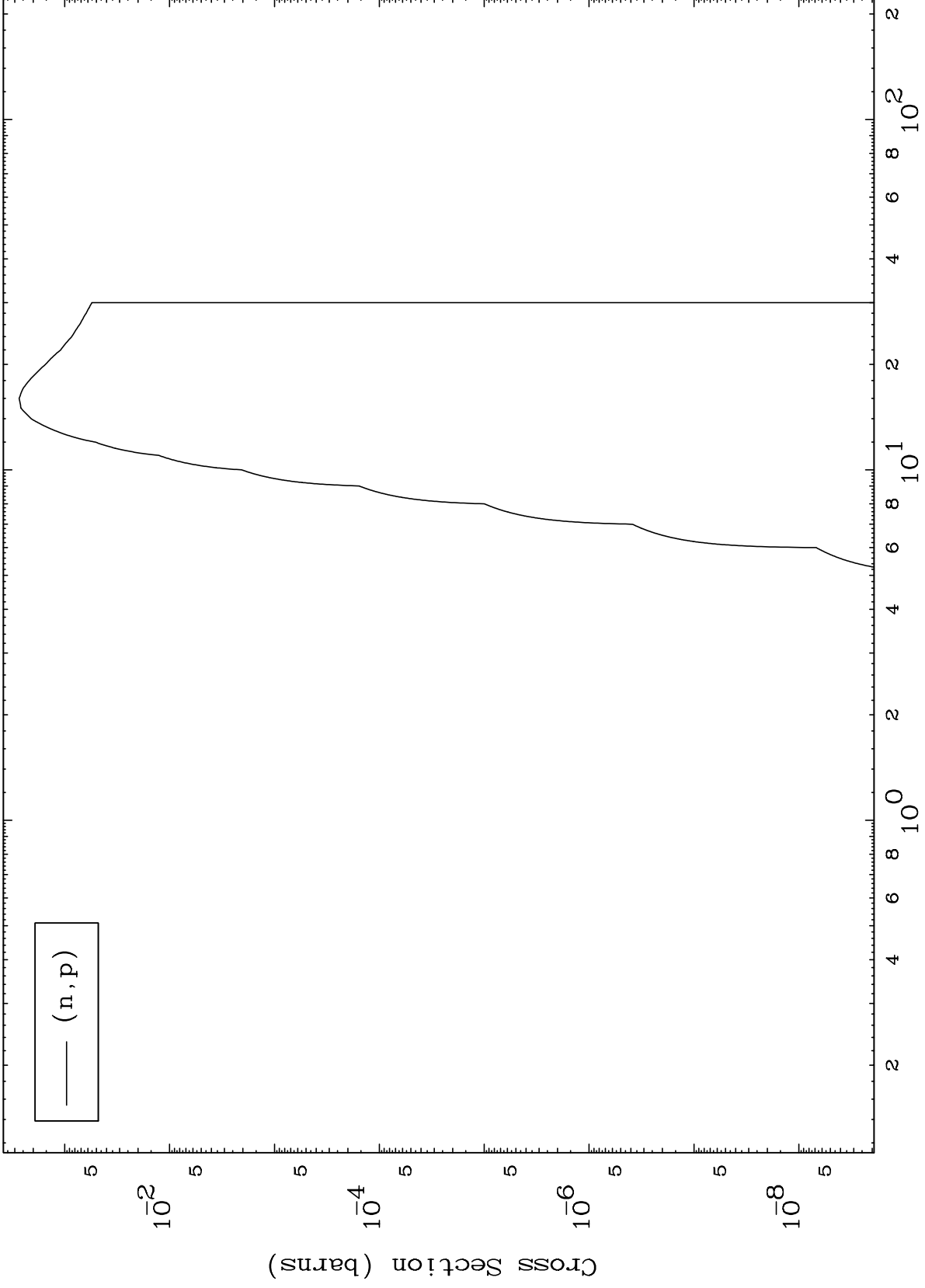


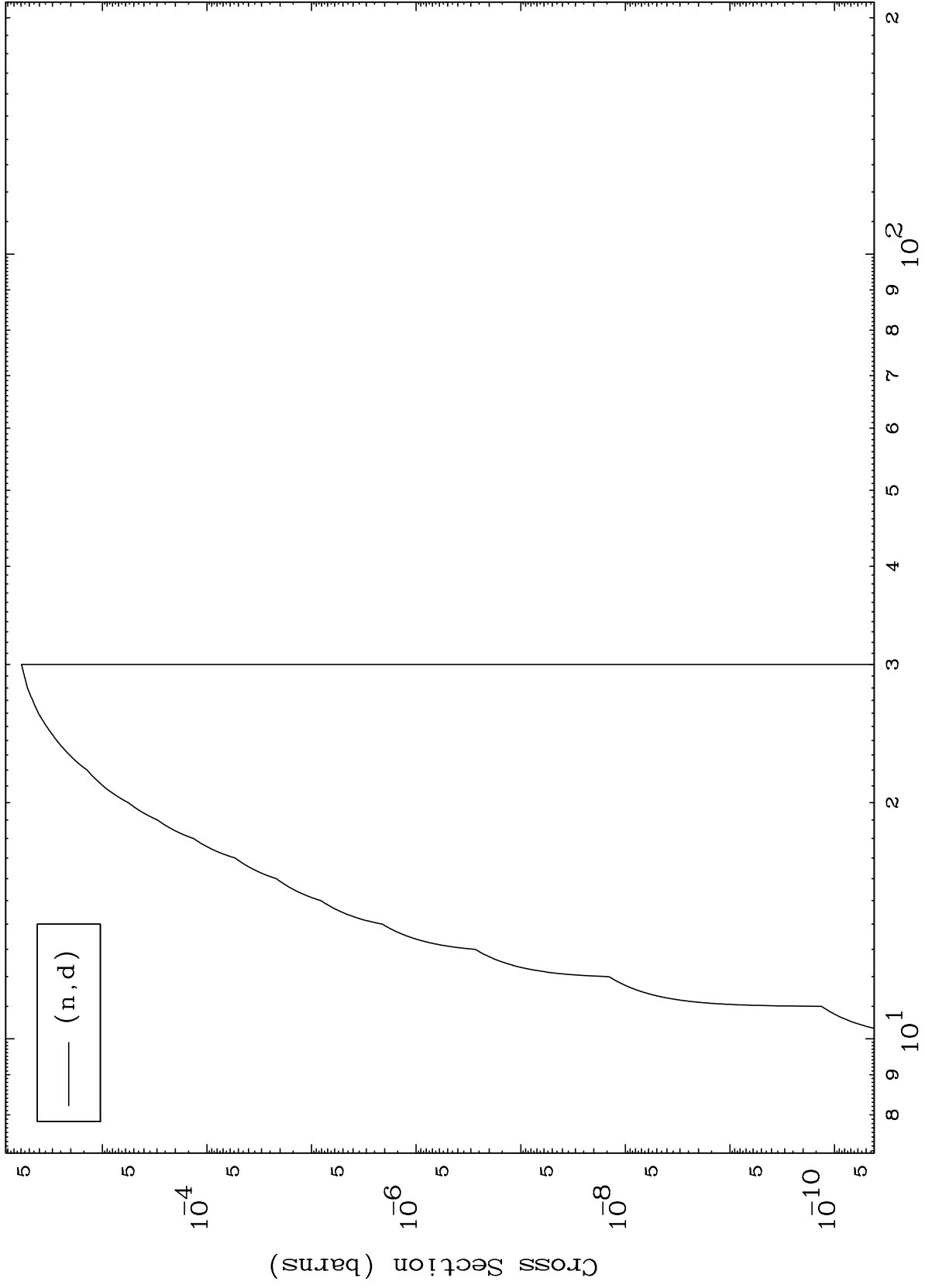
MAT 4104

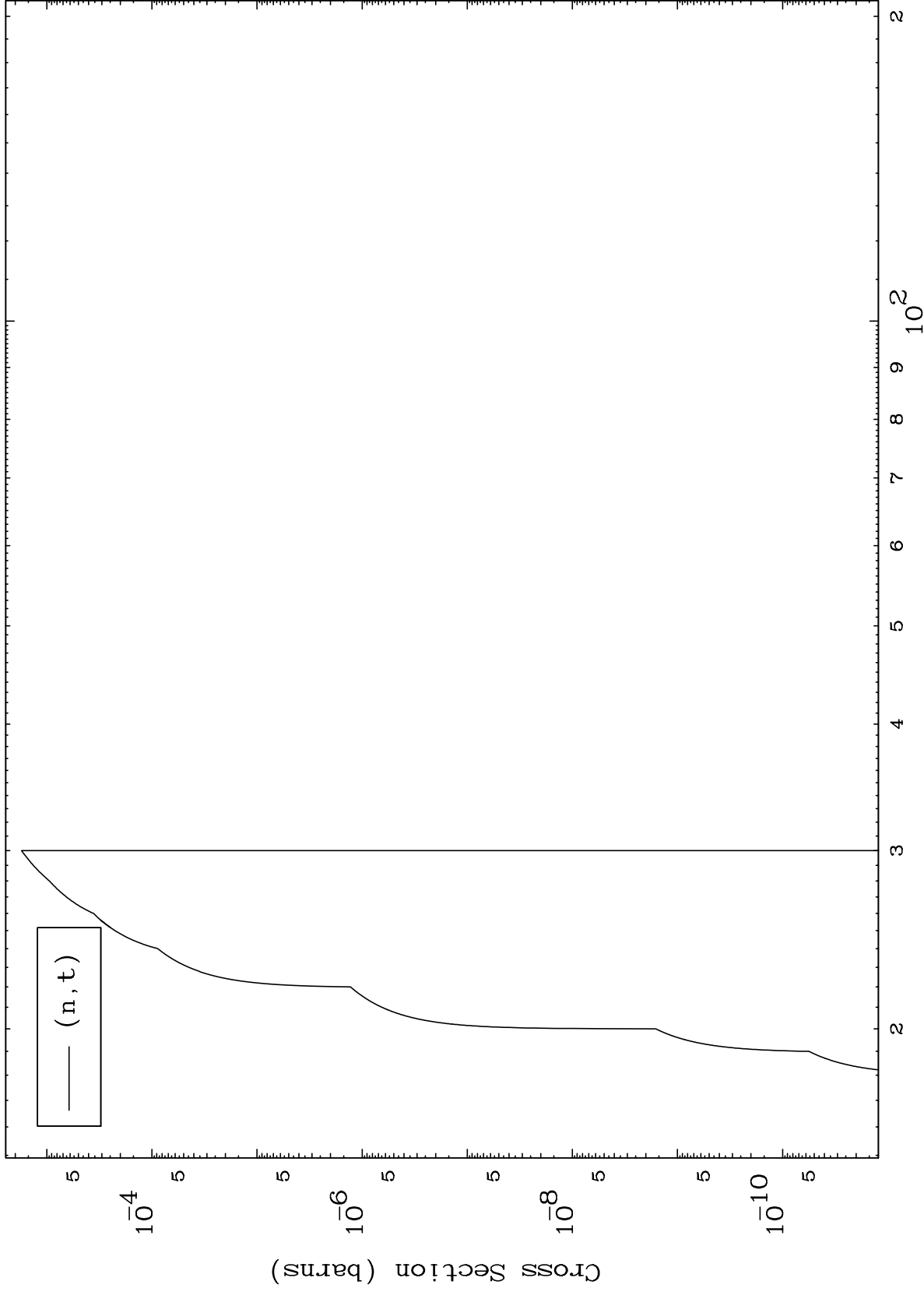
( $\alpha, p$ ) Levels

41-Nb-86

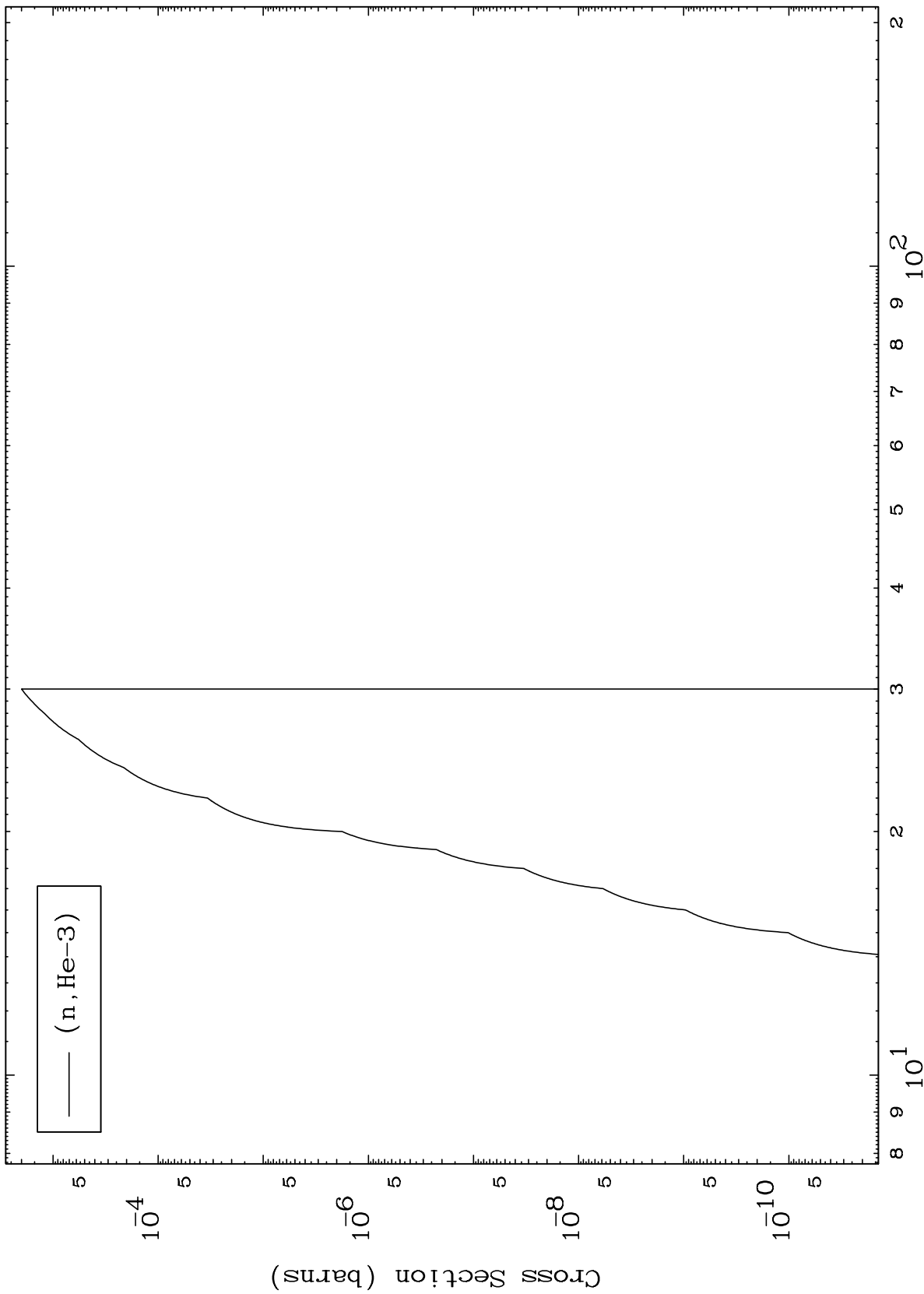
0 Kelvin Cross Sections







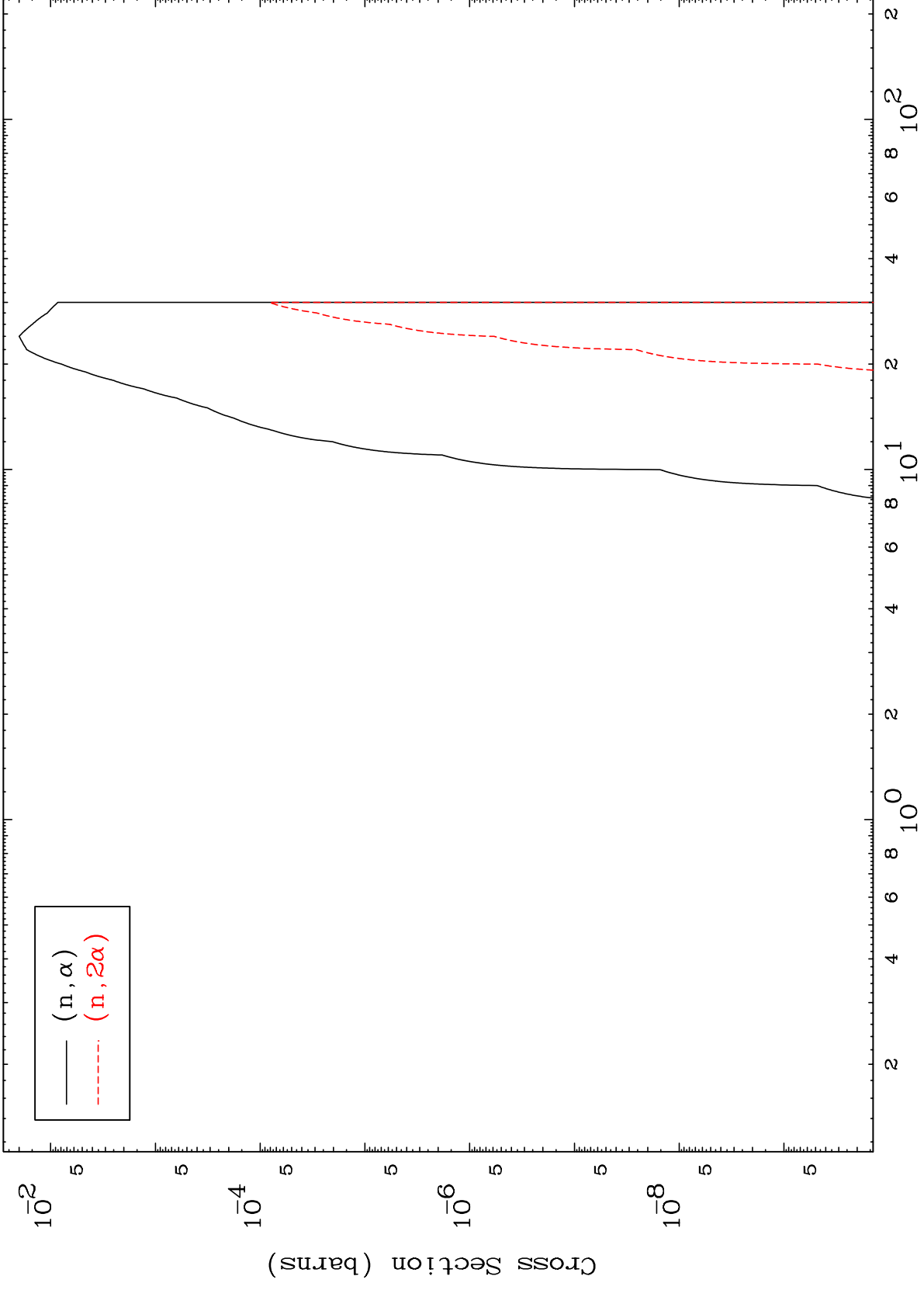
( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



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( $\alpha, \alpha$ ) Levels  
0 Kelvin Cross Sections

41-Nb-86

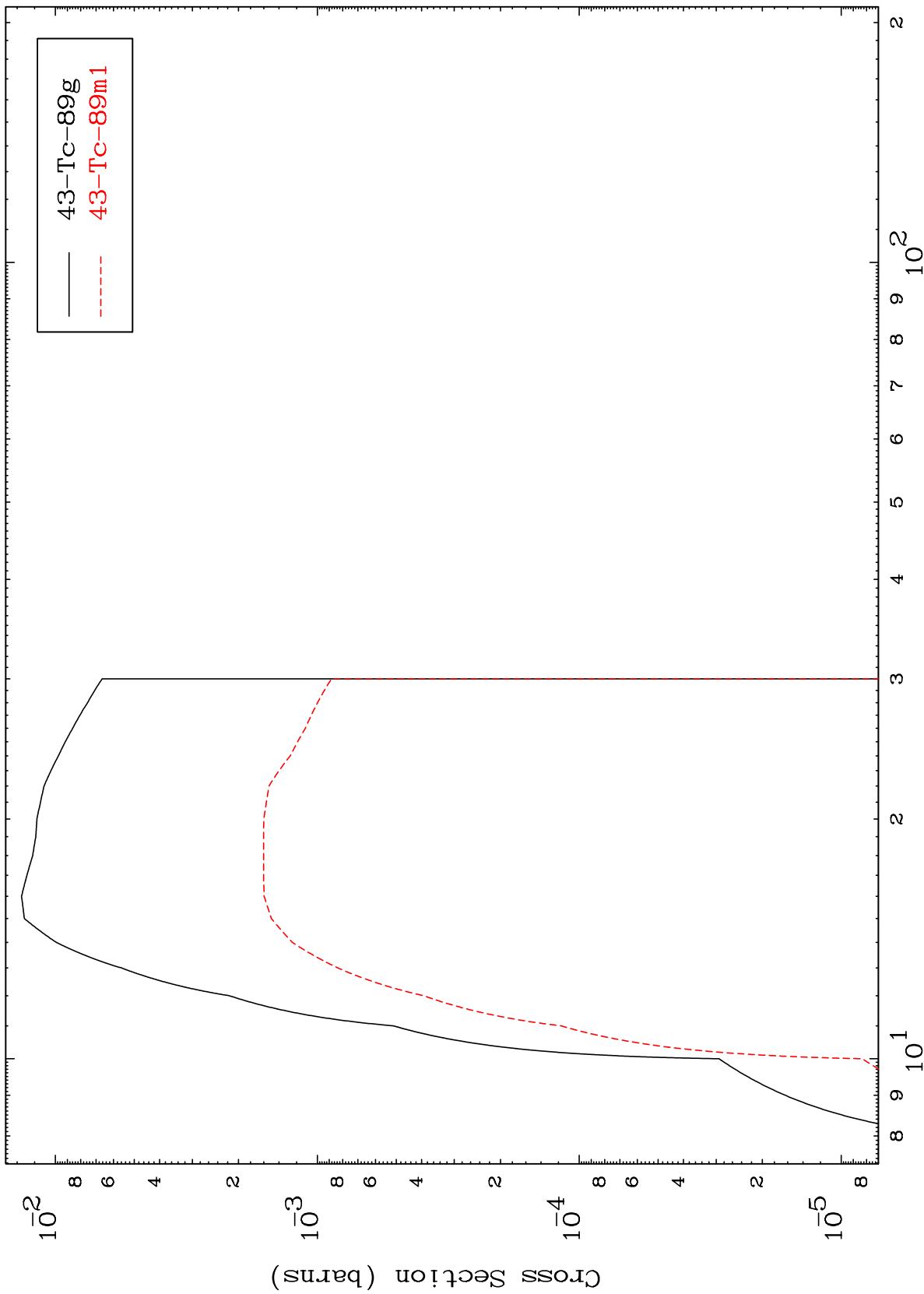


10

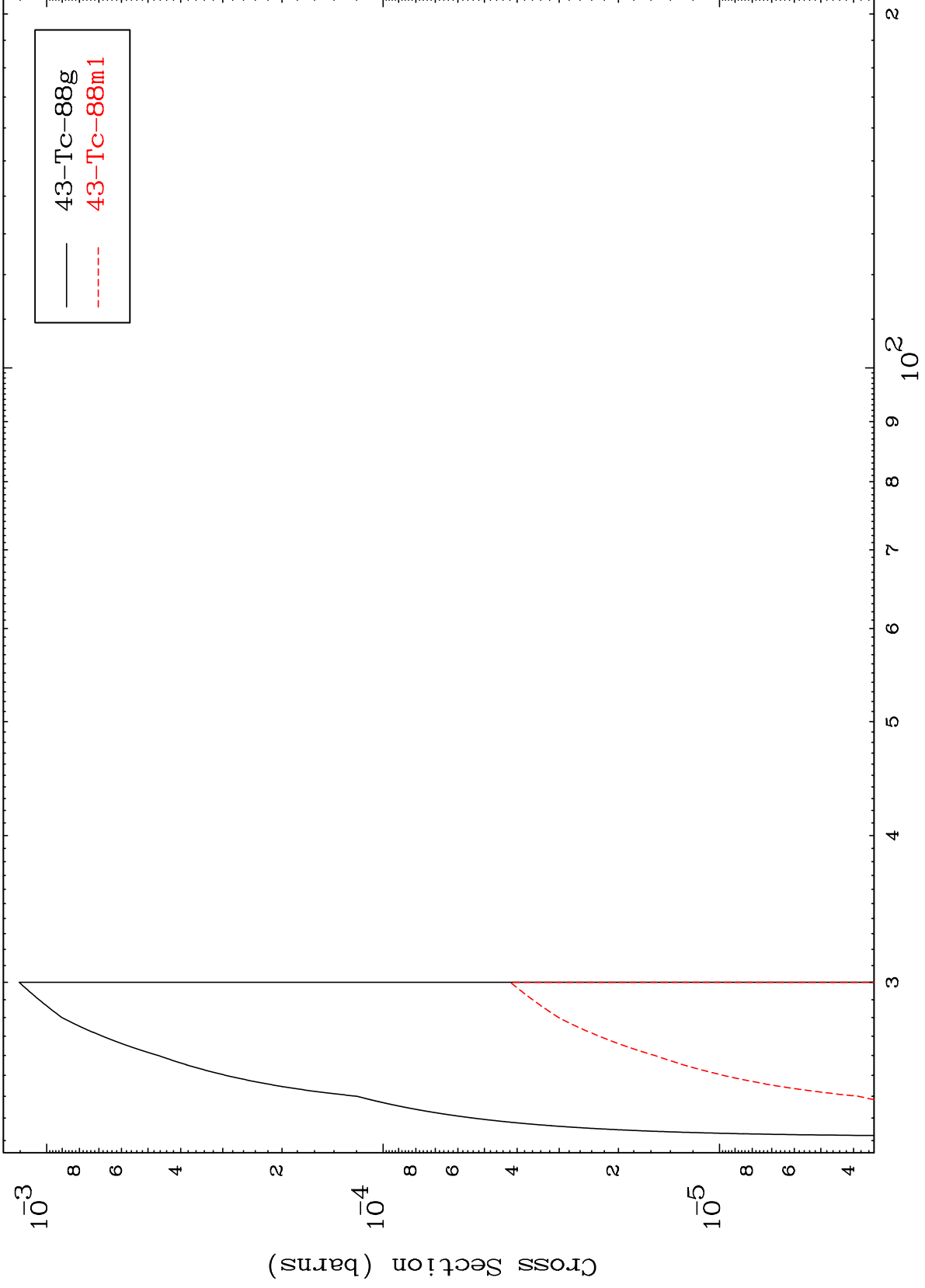
Incident Energy (MeV)

41-Nb-86

Inelastic  
Radionuclide Production Cross Section



(n,2n)  
Radionuclide Production Cross Section

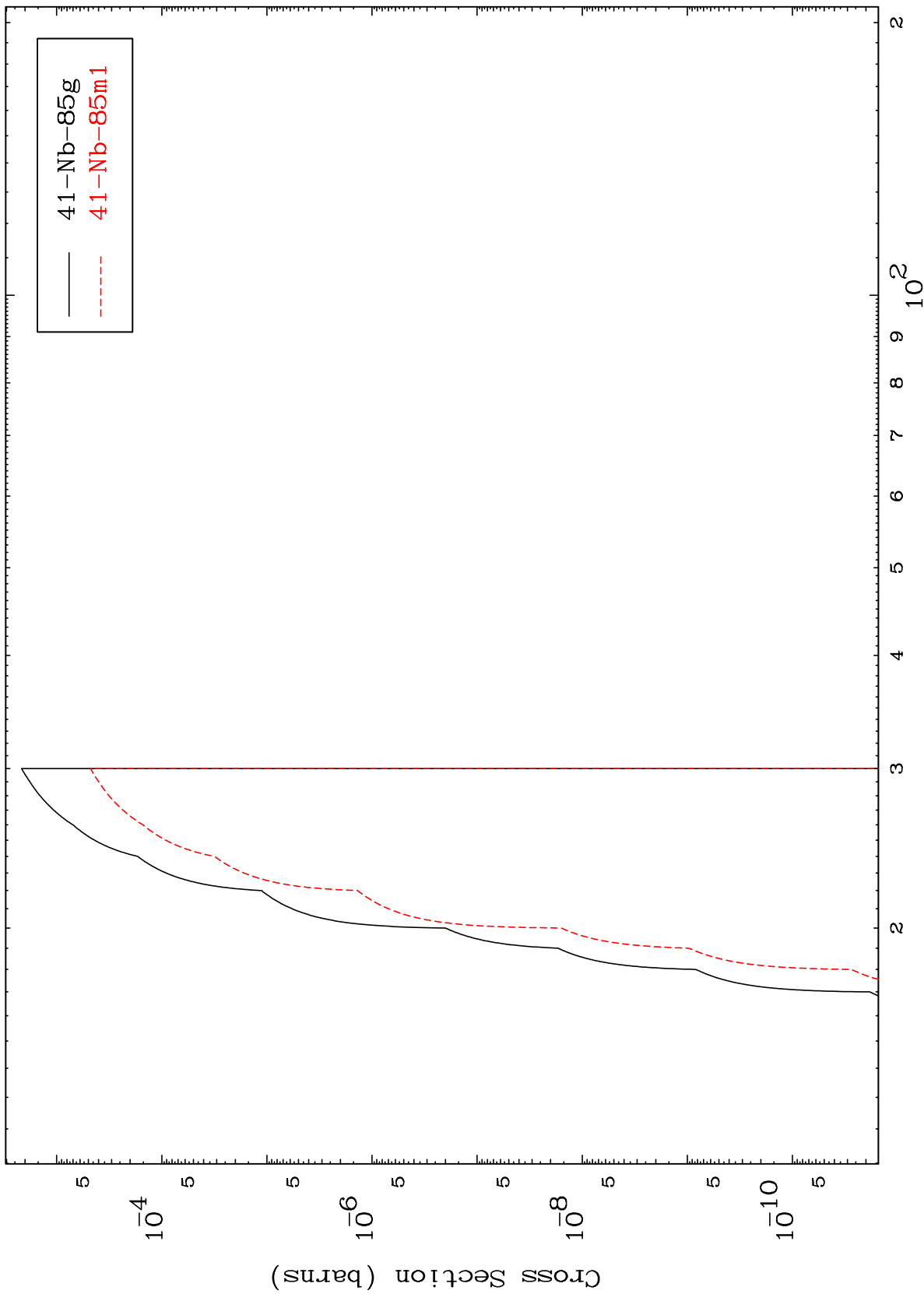


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$(n, n') \alpha$

41-Nb-86

Radionuclide Production Cross Section



13

Incident Energy (MeV)

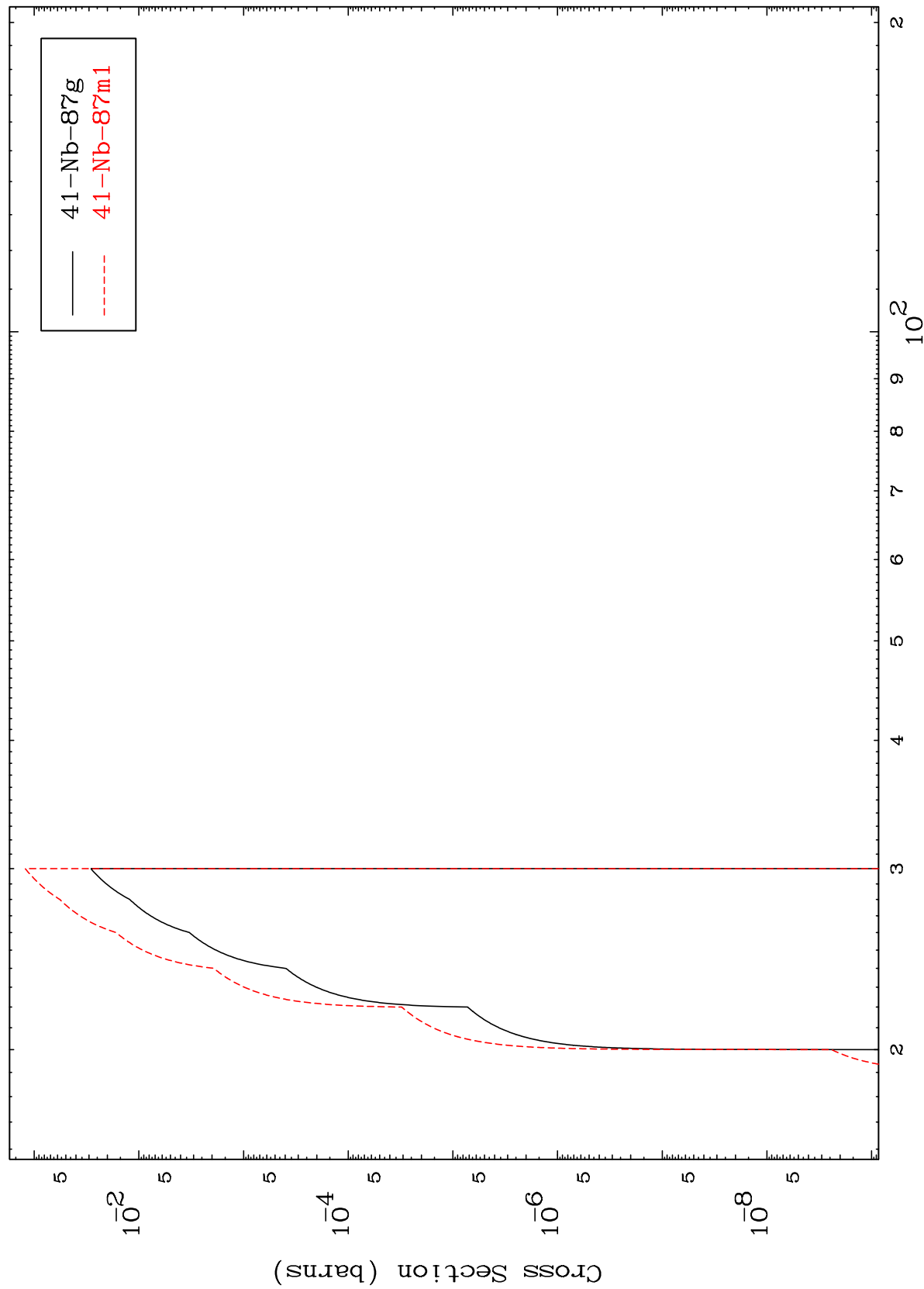
41-Nb-86

MAT 4104

(n,2n) p

41-Nb-86

Radionuclide Production Cross Section



14

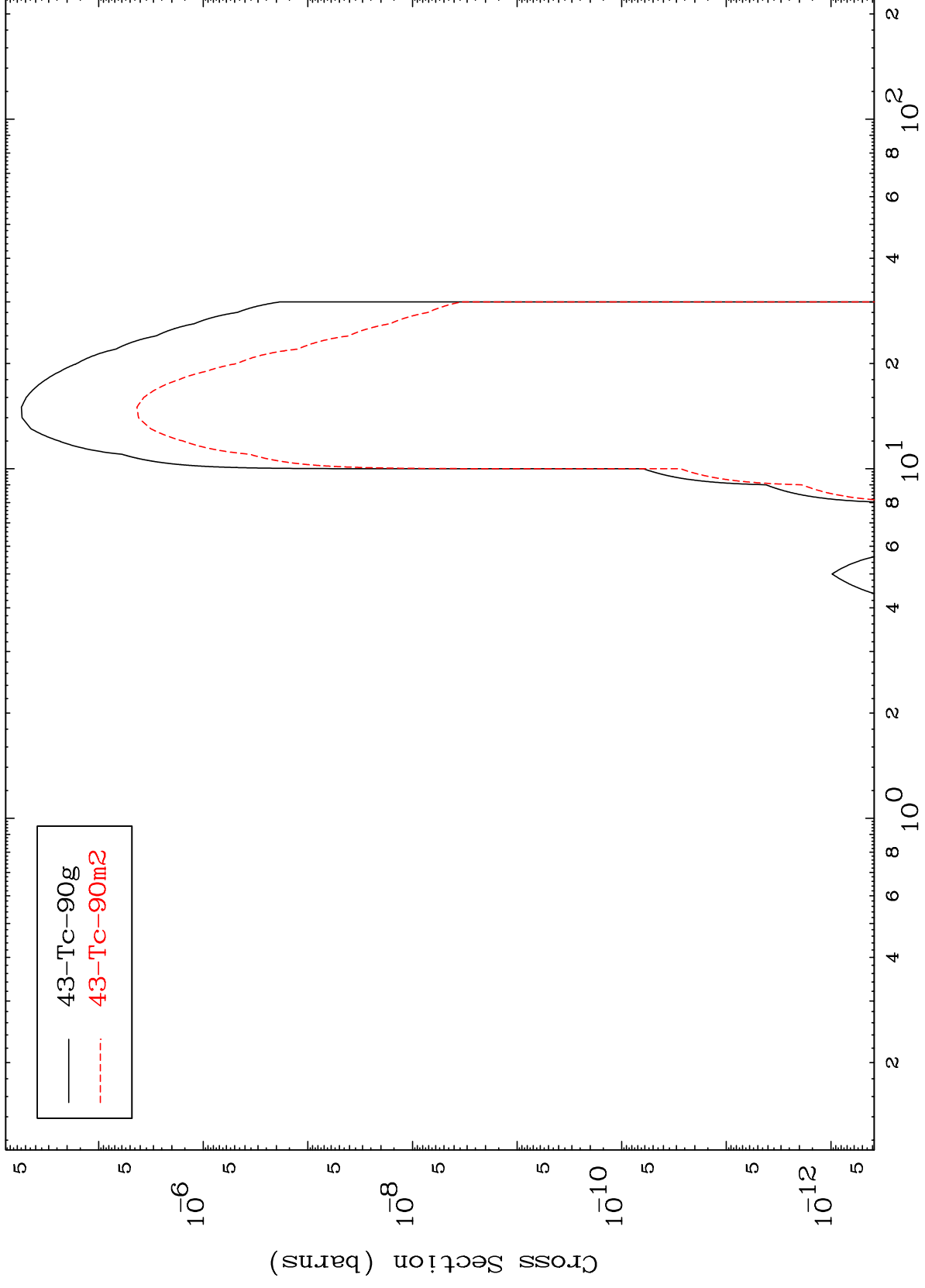
Incident Energy (MeV)

41-Nb-86

MAT 4104

41-Nb-86

(n,  $\gamma$ )  
Radionuclide Production Cross Section



15

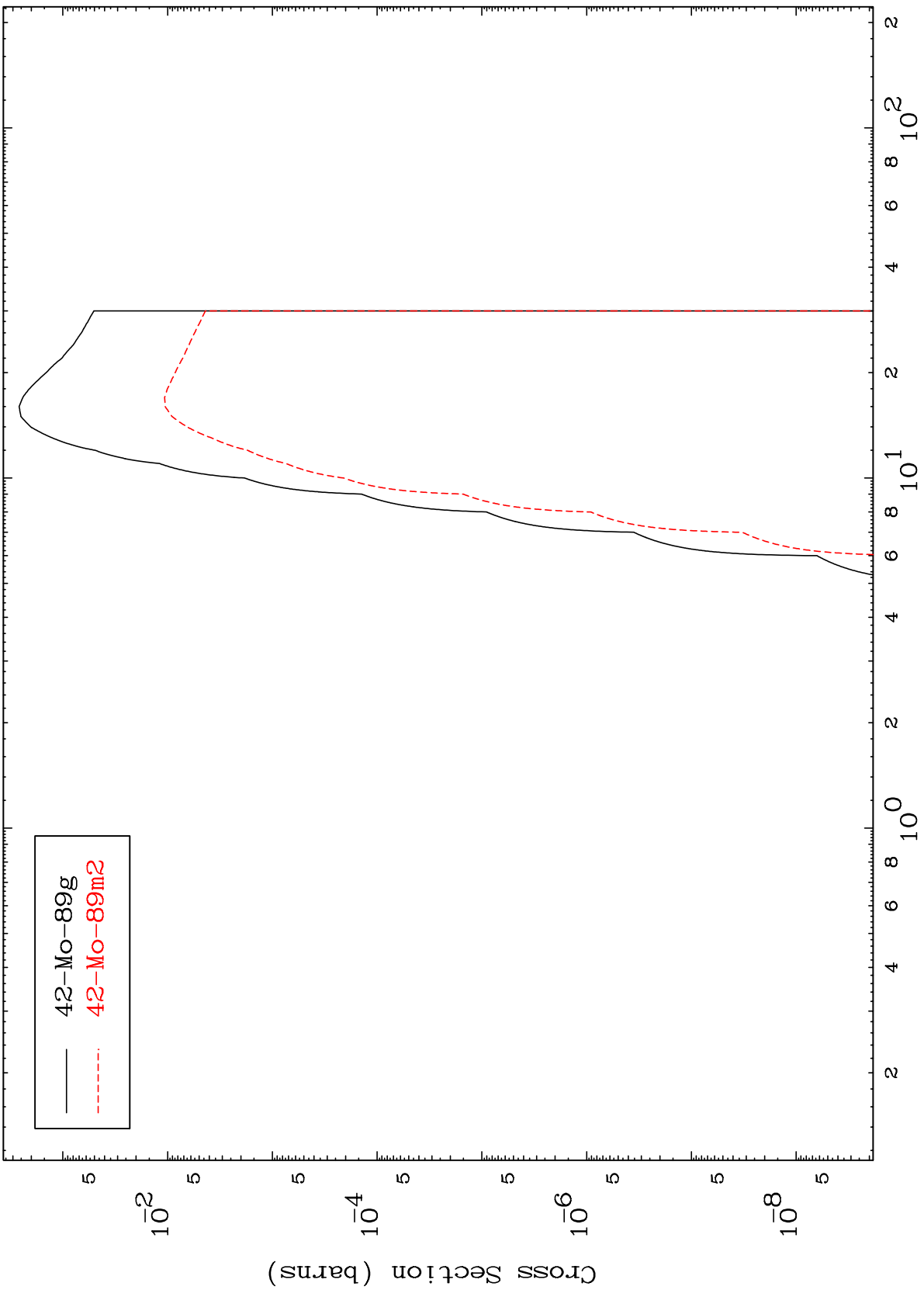
41-Nb-86

Incident Energy (MeV)

MAT 4104

41-Nb-86

Radionuclide Production Cross Section  
(n,p)



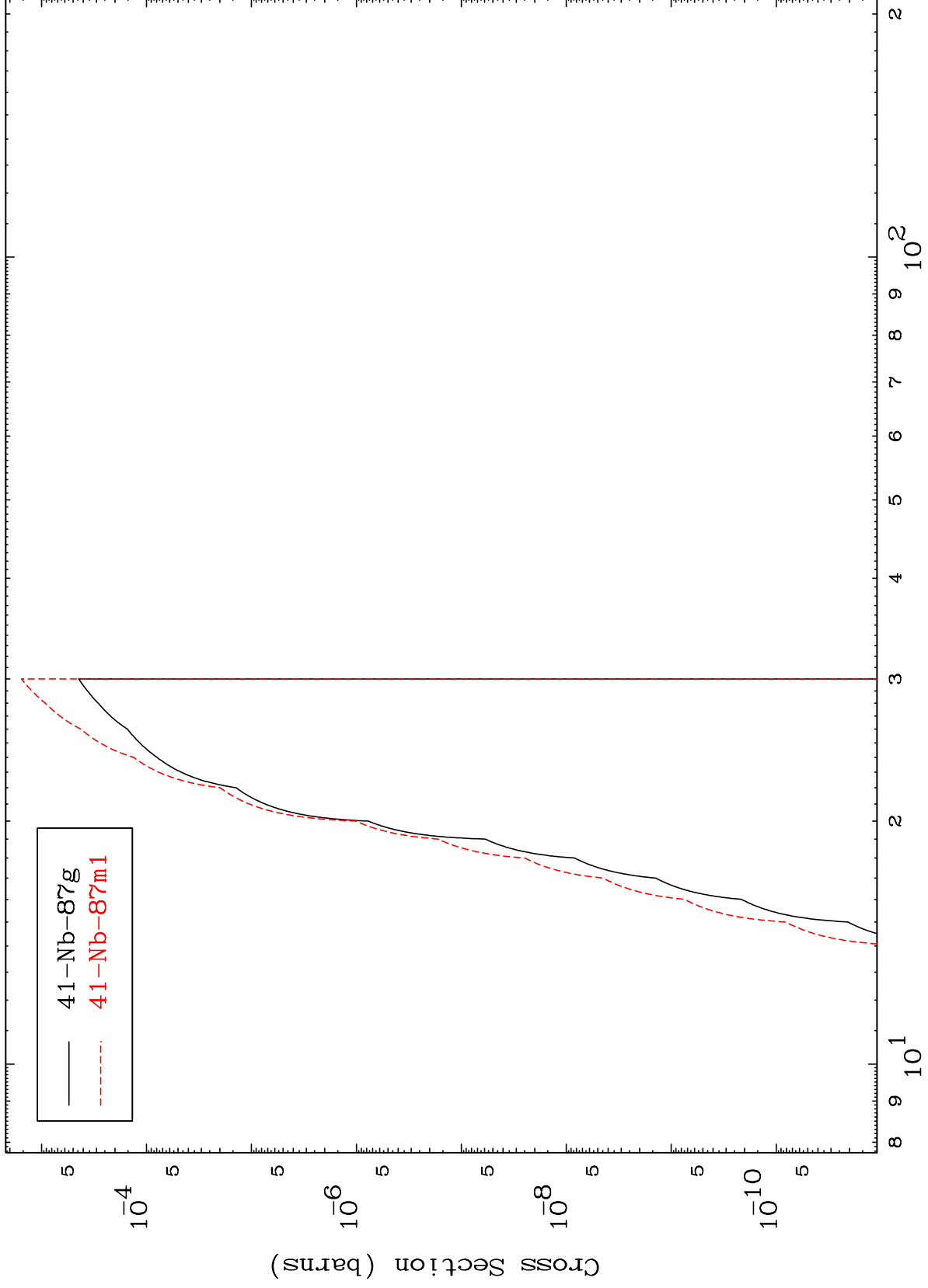
— 42-Mo-89g  
- - - 42-Mo-89m2

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(n,He-3)

41-Nb-86

Radionuclide Production Cross Section



41-Nb-87g  
41-Nb-87m1

17

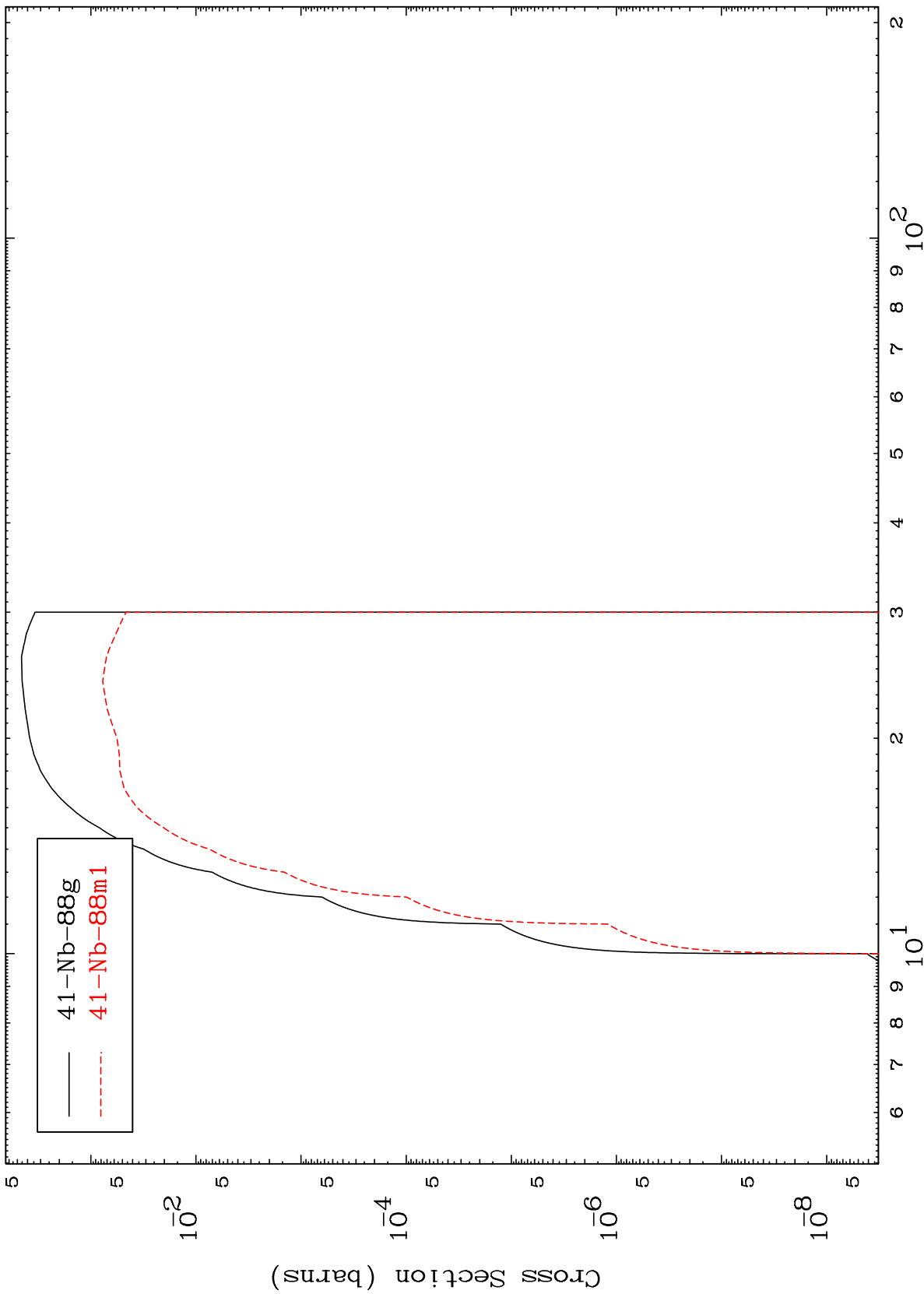
Incident Energy (MeV)

41-Nb-86

MAT 4104

41-Nb-86

(n,2p)  
Radionuclide Production Cross Section



— 41-Nb-88g  
- - - 41-Nb-88m1

18

Incident Energy (MeV)

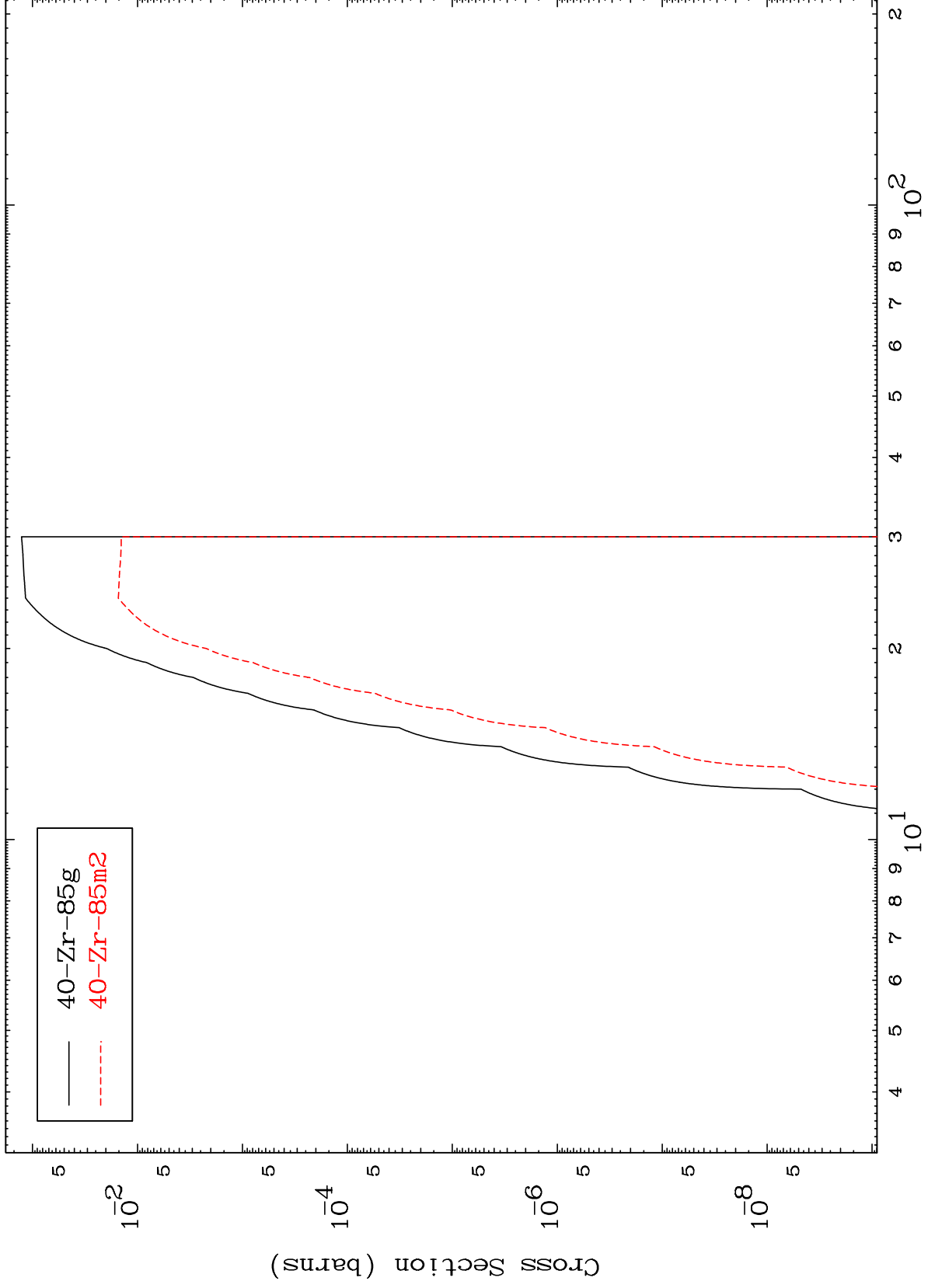
41-Nb-86

MAT 4104

(n,p)  $\alpha$

41-Nb-86

Radionuclide Production Cross Section



19

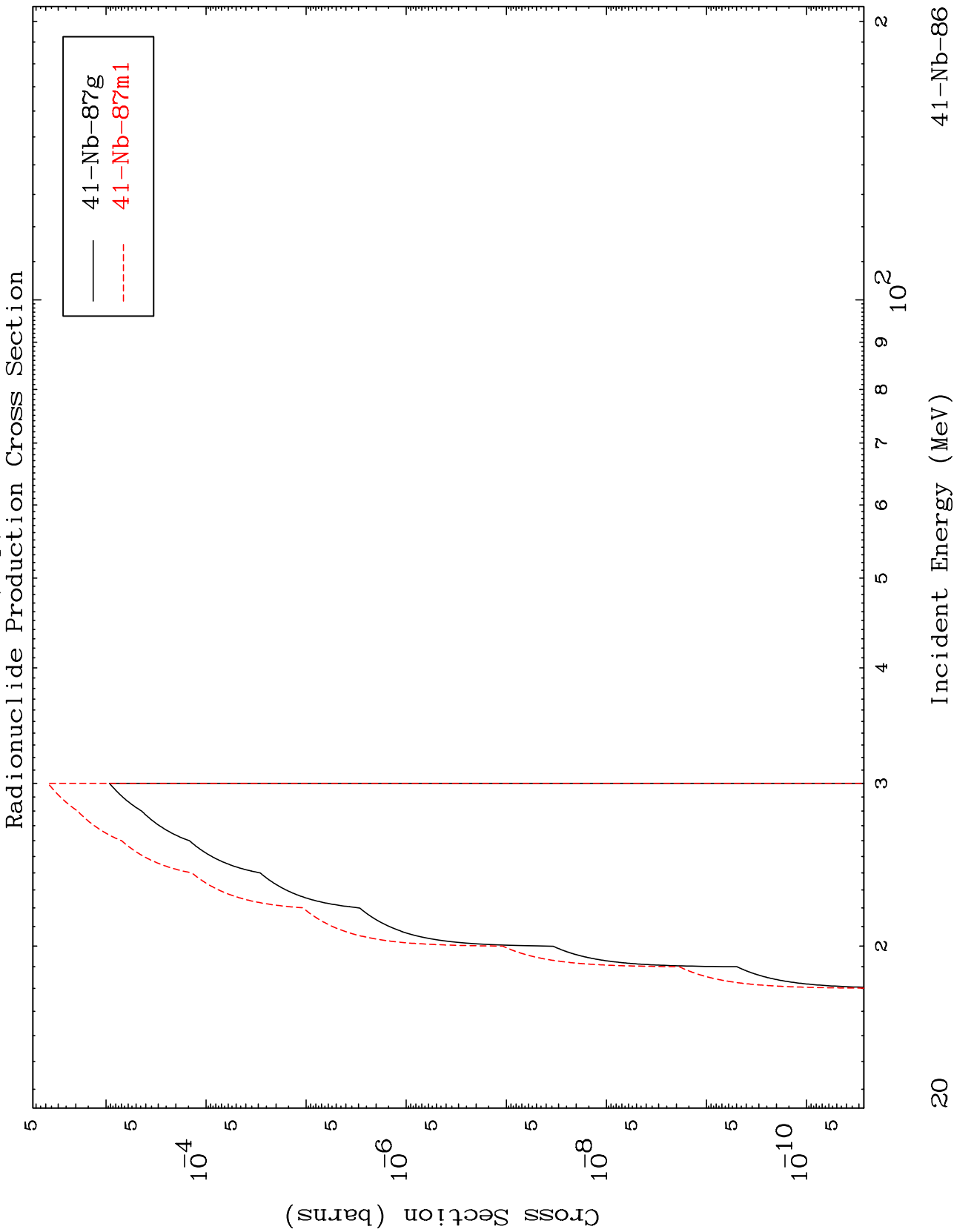
Incident Energy (MeV)

41-Nb-86

MAT 4104

(n,p) d

41-Nb-86



20

Incident Energy (MeV)

41-Nb-86