

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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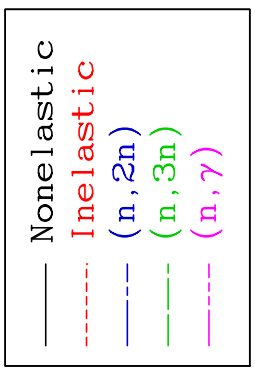
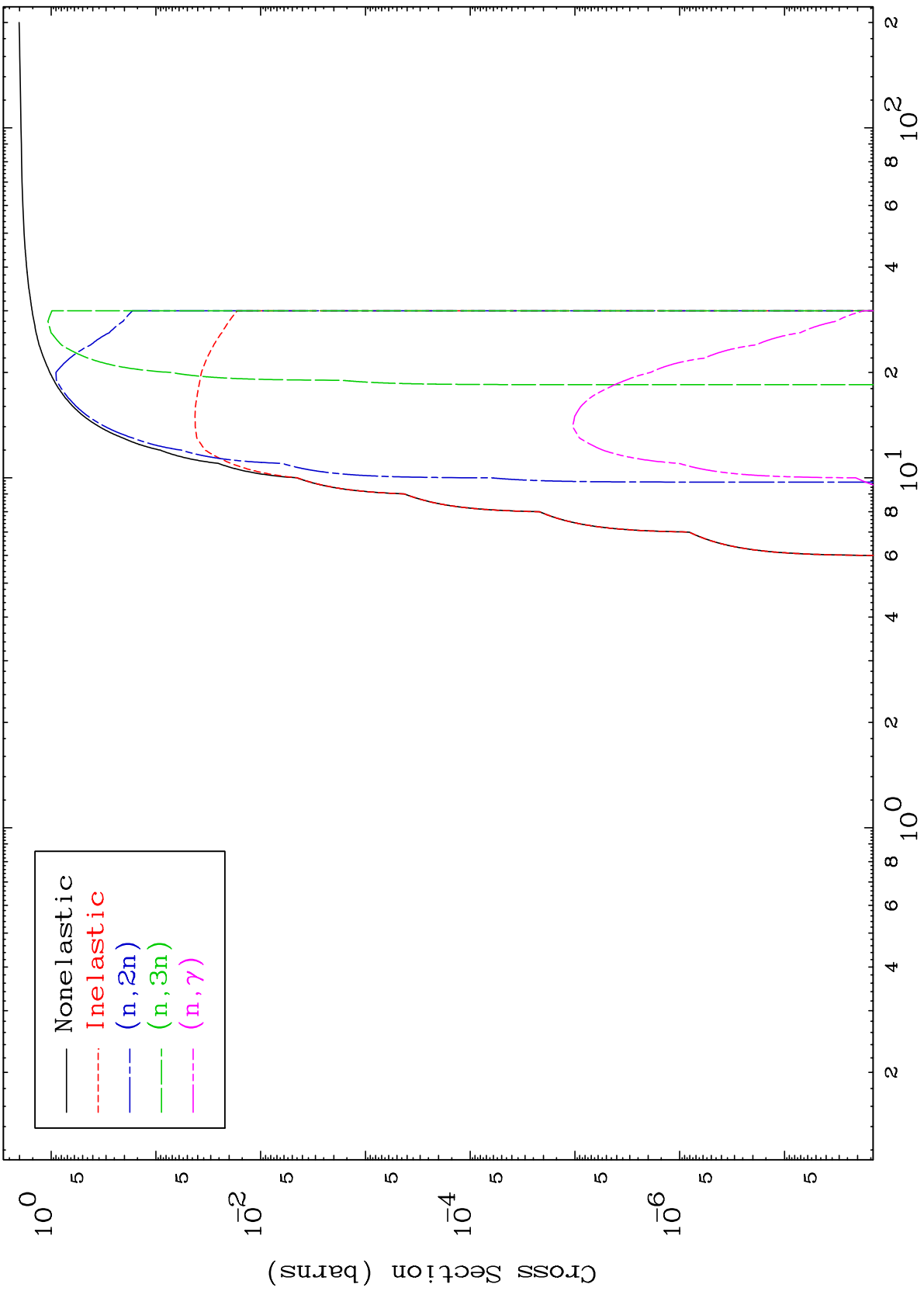
Press Mouse Button to Start

MAT 4144

$\alpha$  Major

41-Nb-99m

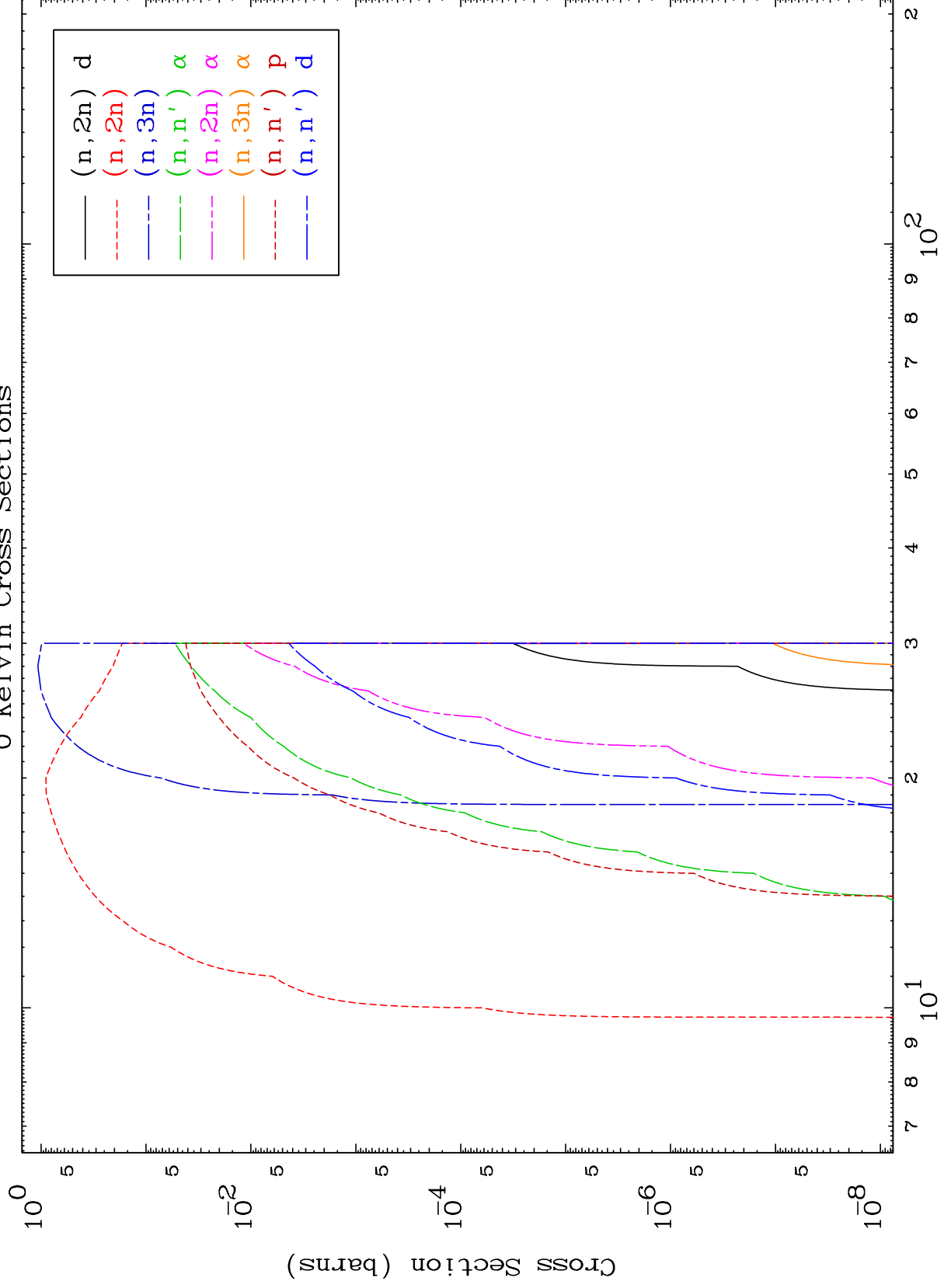
0 Kelvin Cross Sections



MAT 4144

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

41-Nb-99m



2

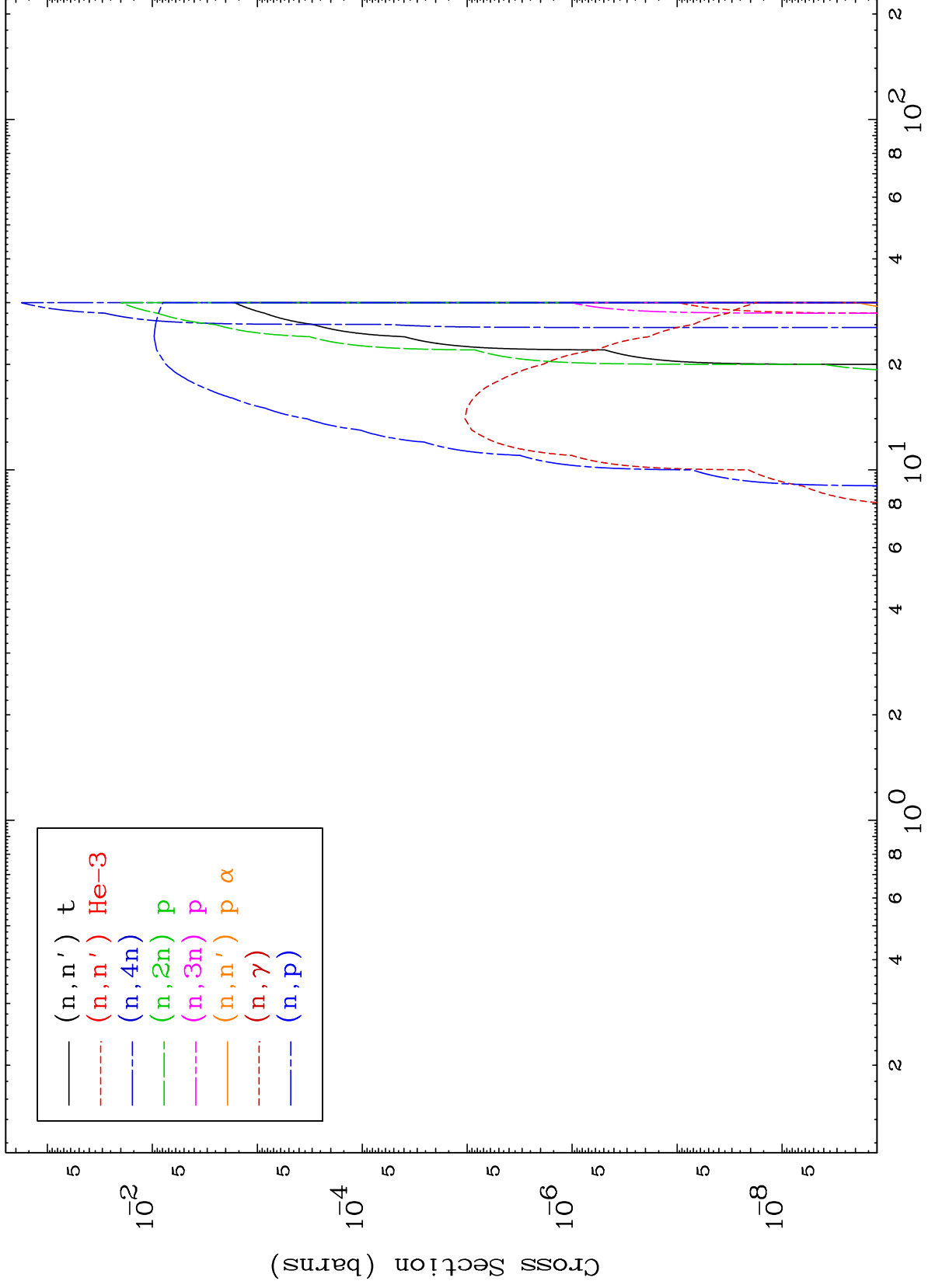
Incident Energy (MeV)

41-Nb-99m

MAT 4144

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

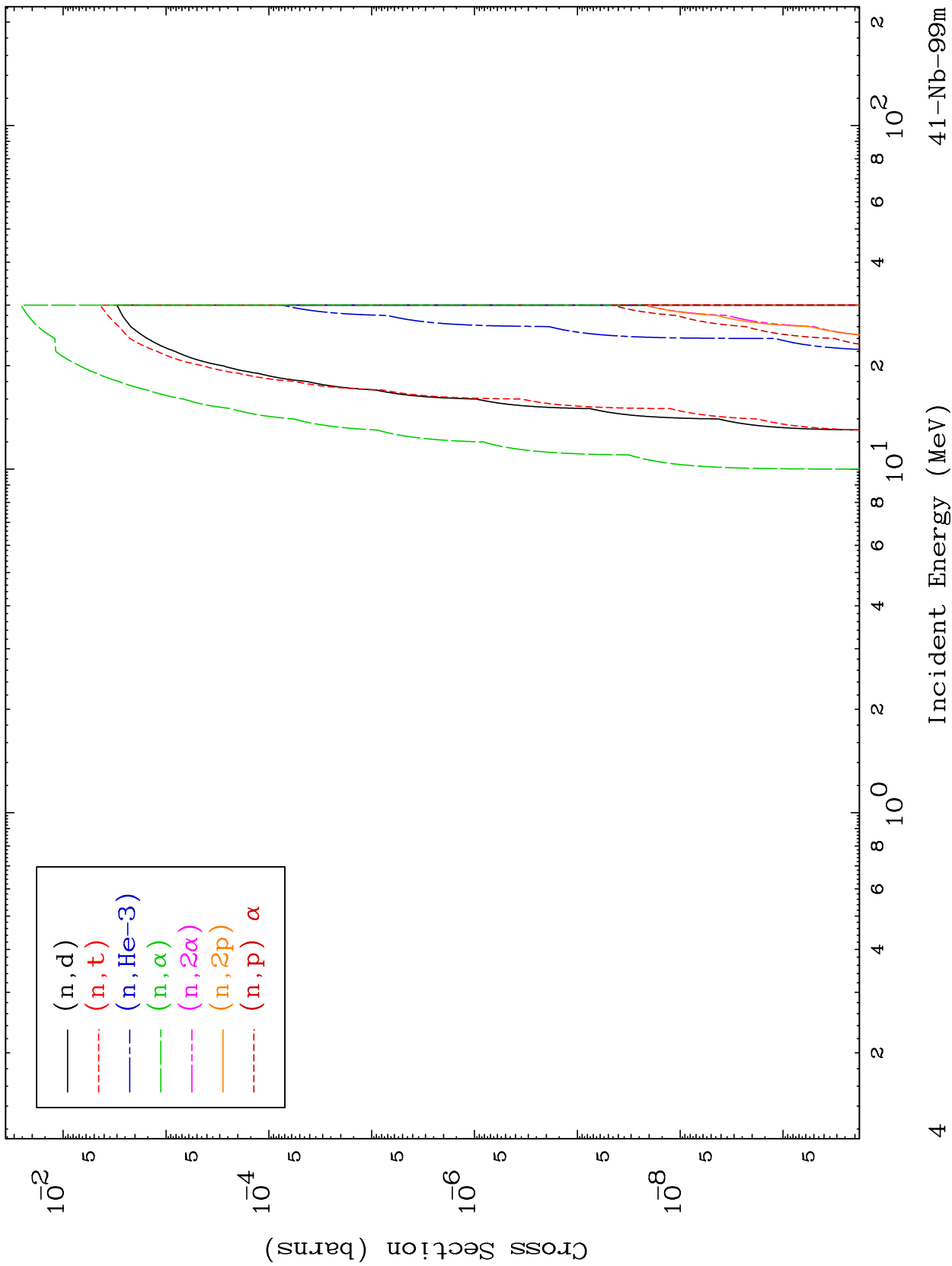
41-Nb-99m



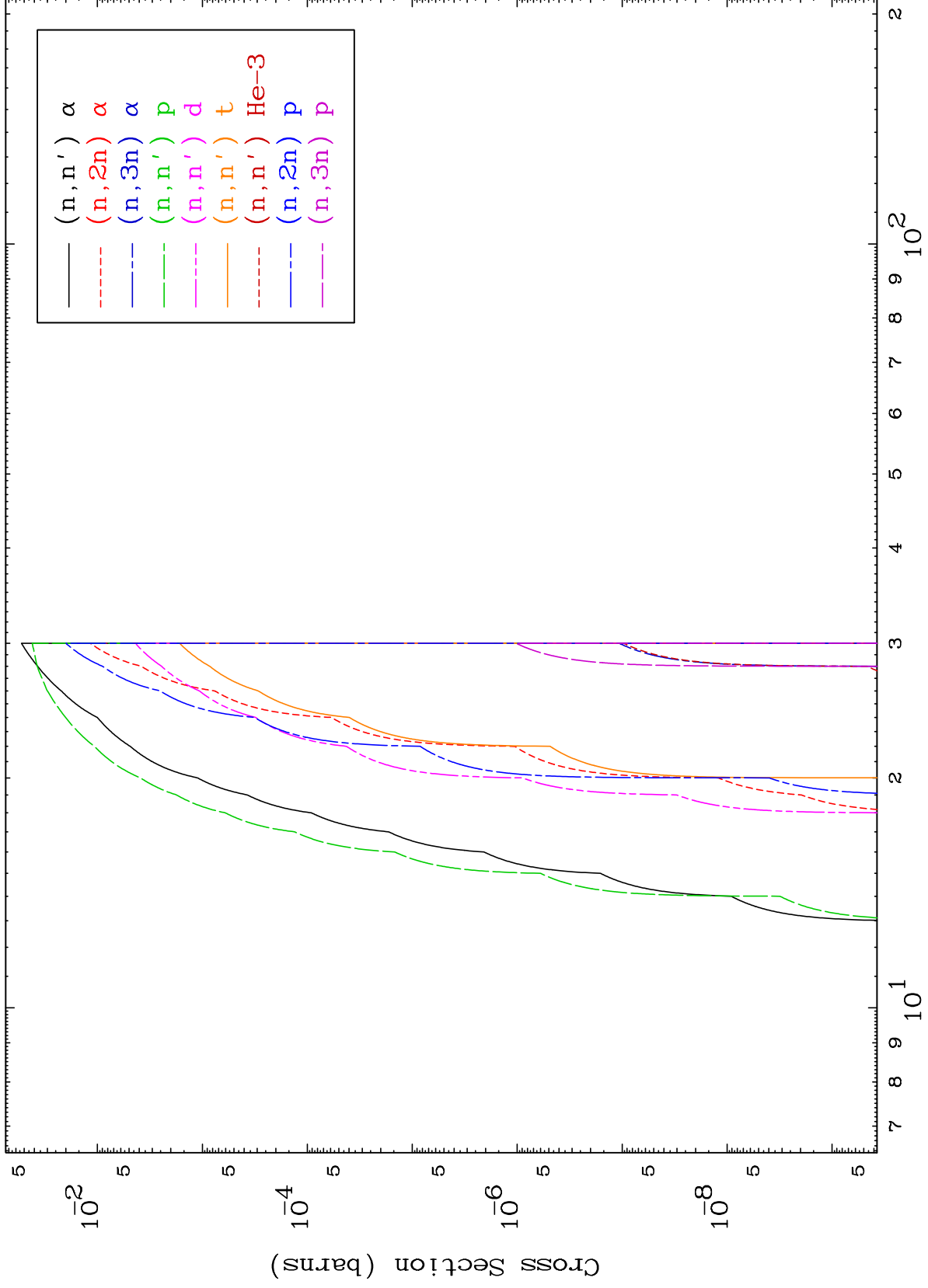
MAT 4144

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

41-Nb-99m



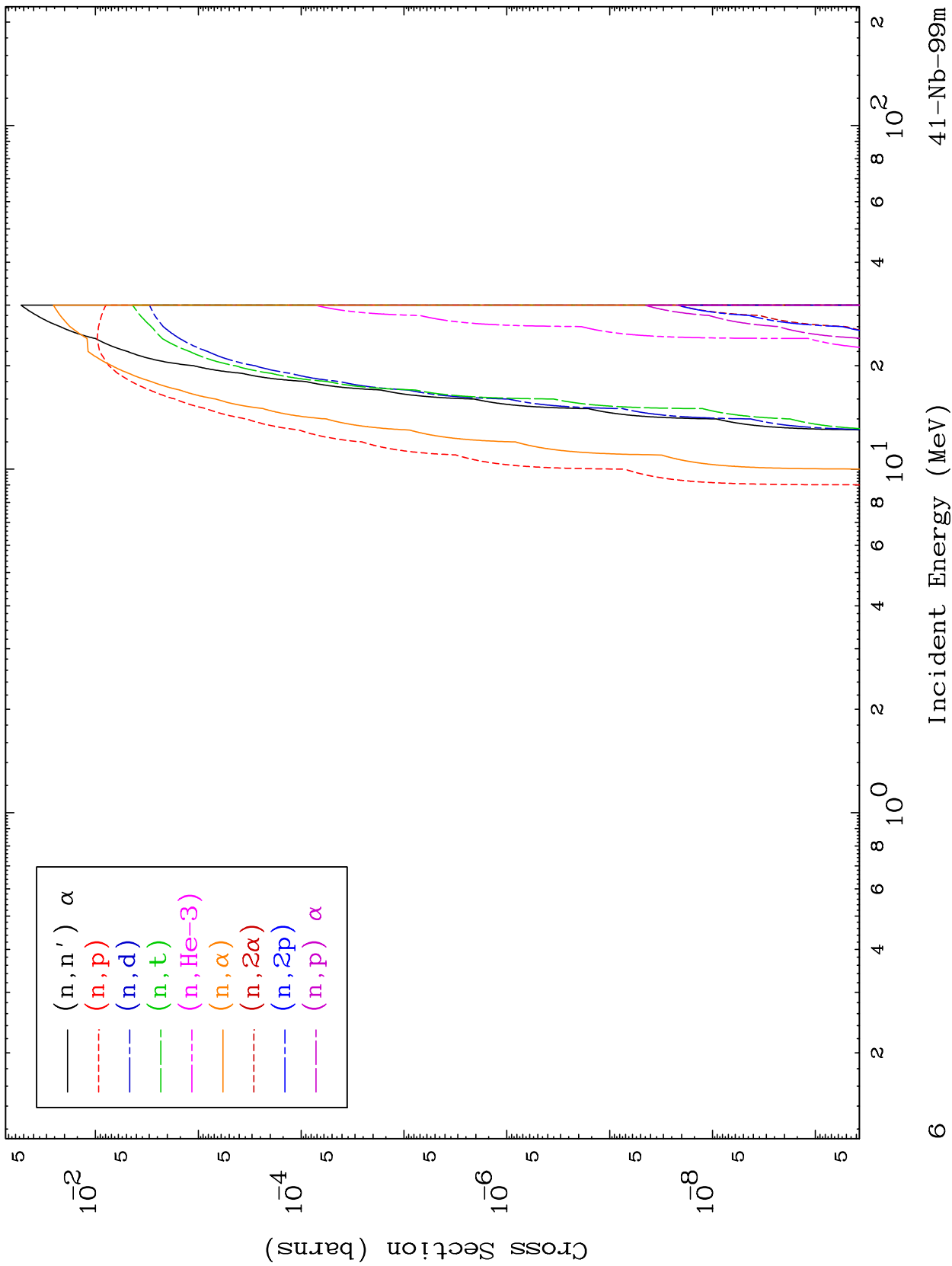
41-Nb-99m



MAT 4144

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

41-Nb-99m

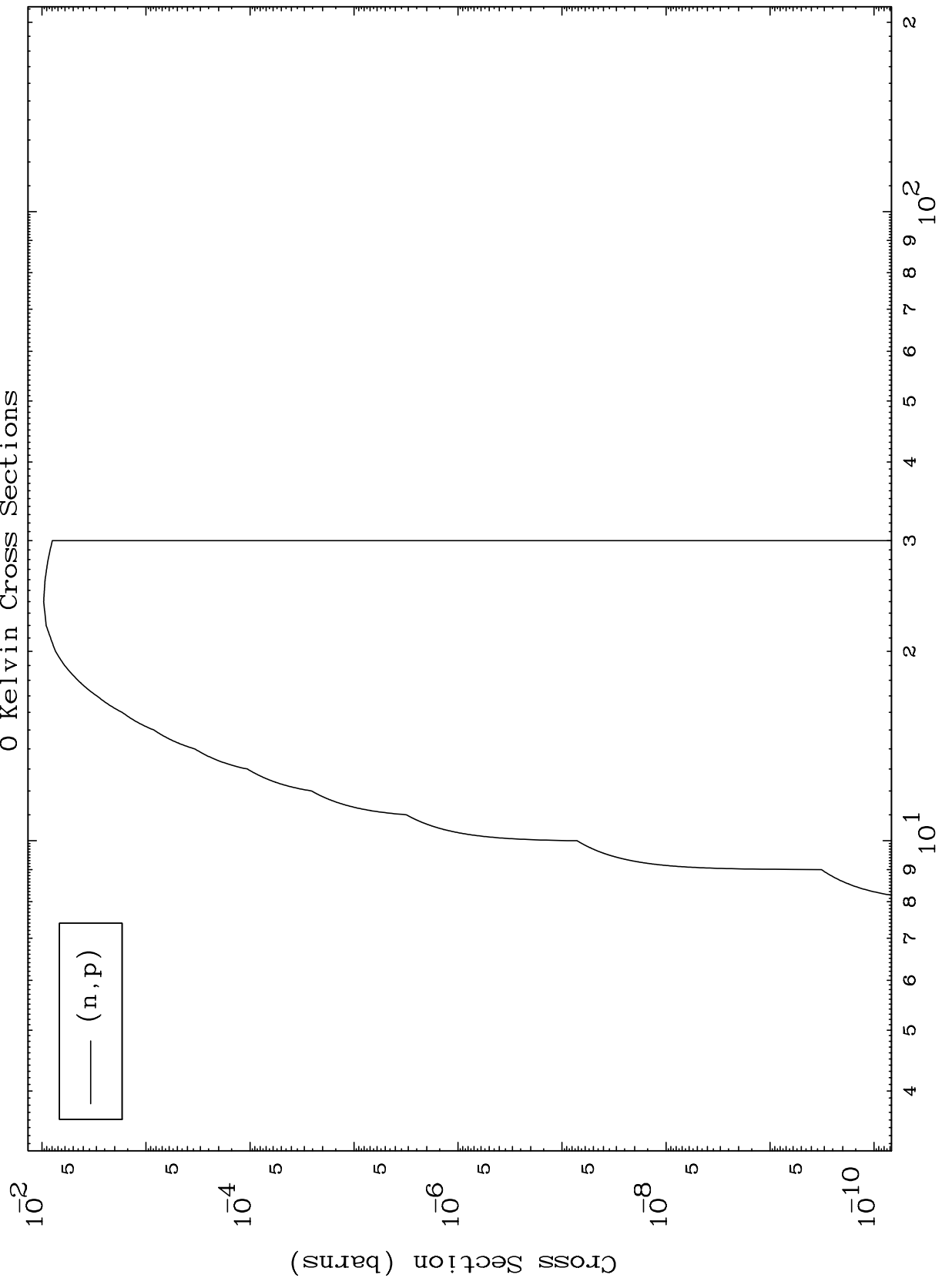


MAT 4144

( $\alpha, p$ ) Levels

41-Nb-99m

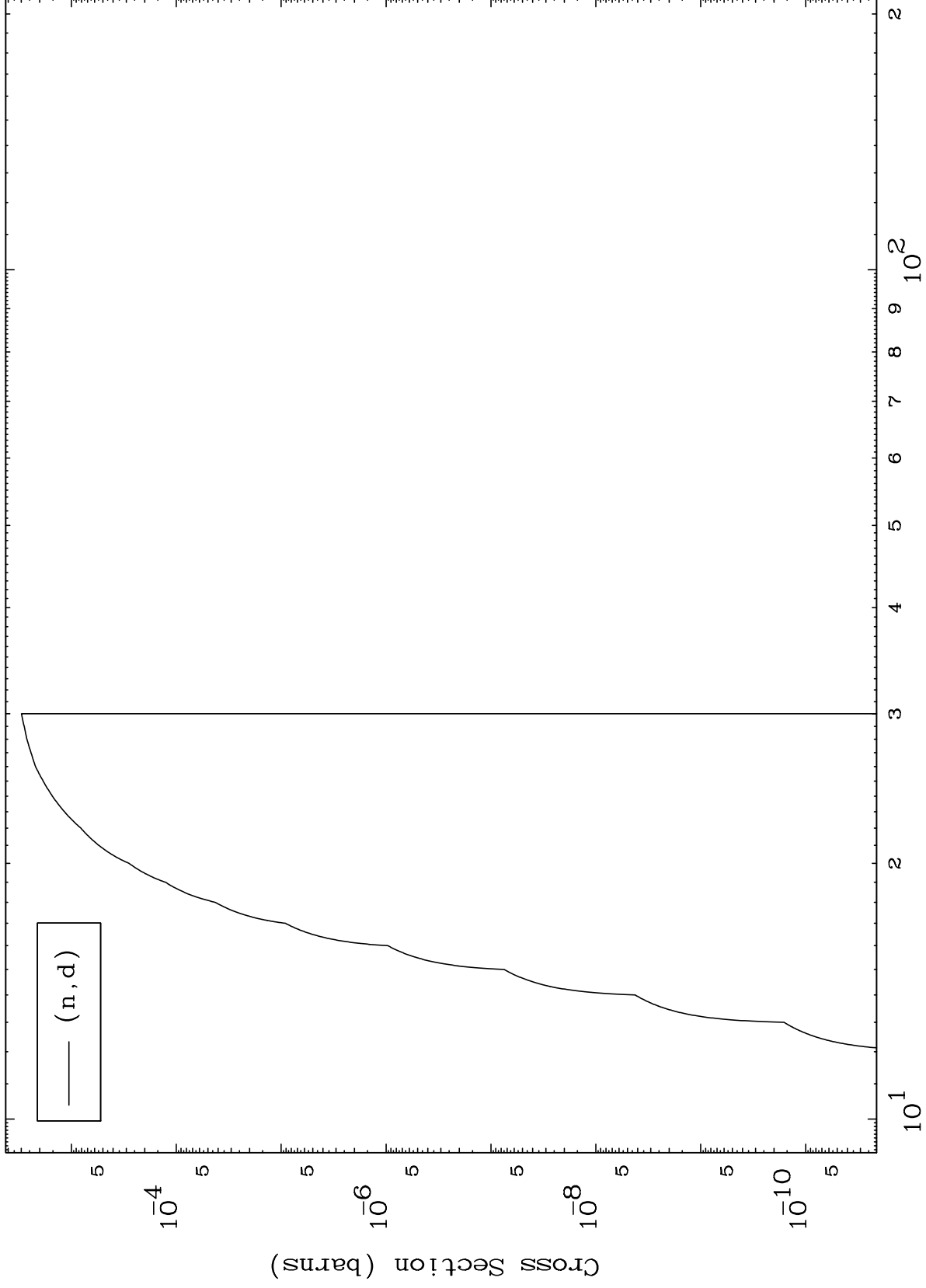
0 Kelvin Cross Sections



MAT 4144

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

41-Nb-99m



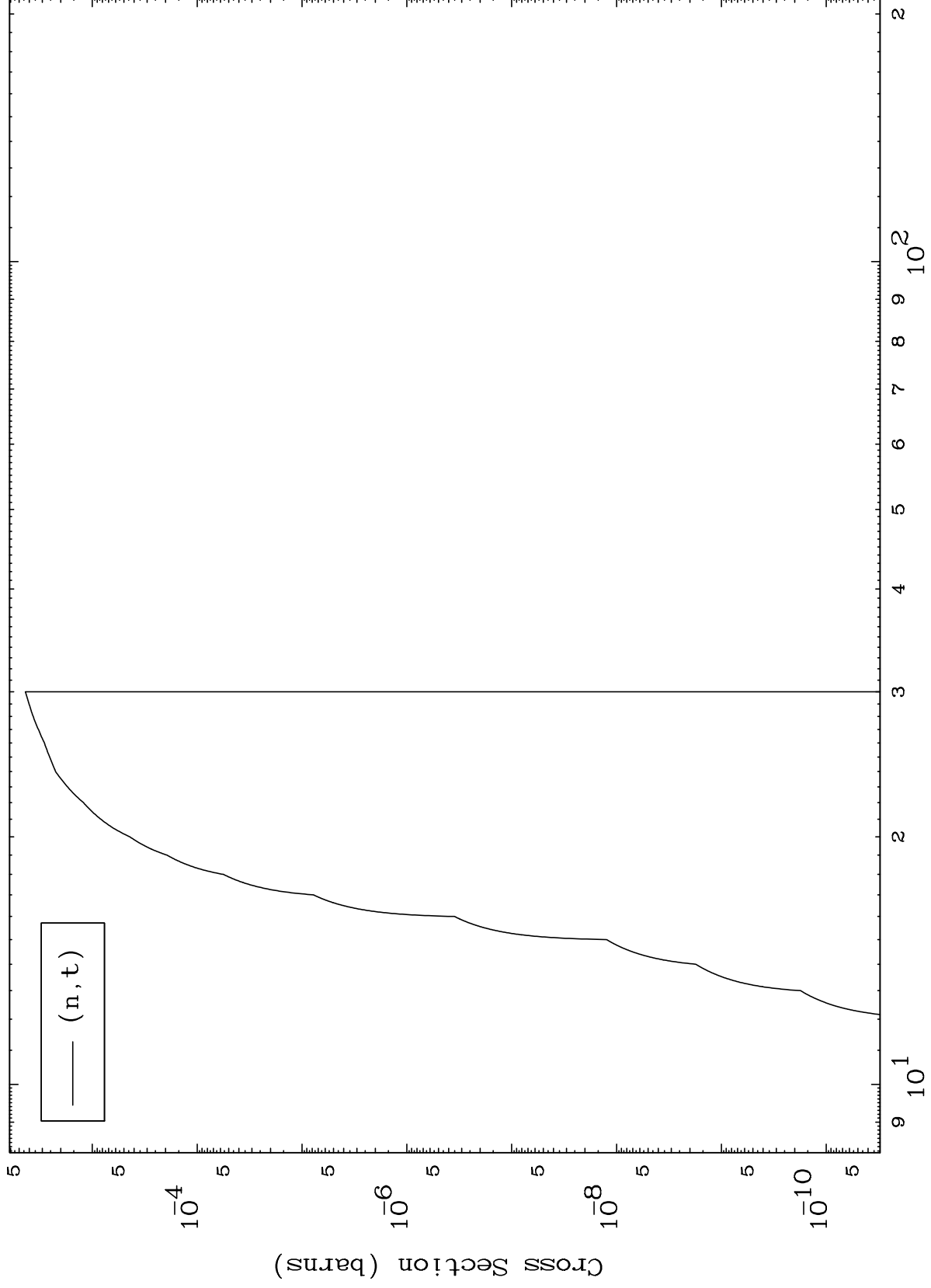
Incident Energy (MeV)

41-Nb-99m

MAT 4144

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

41-Nb-99m



9

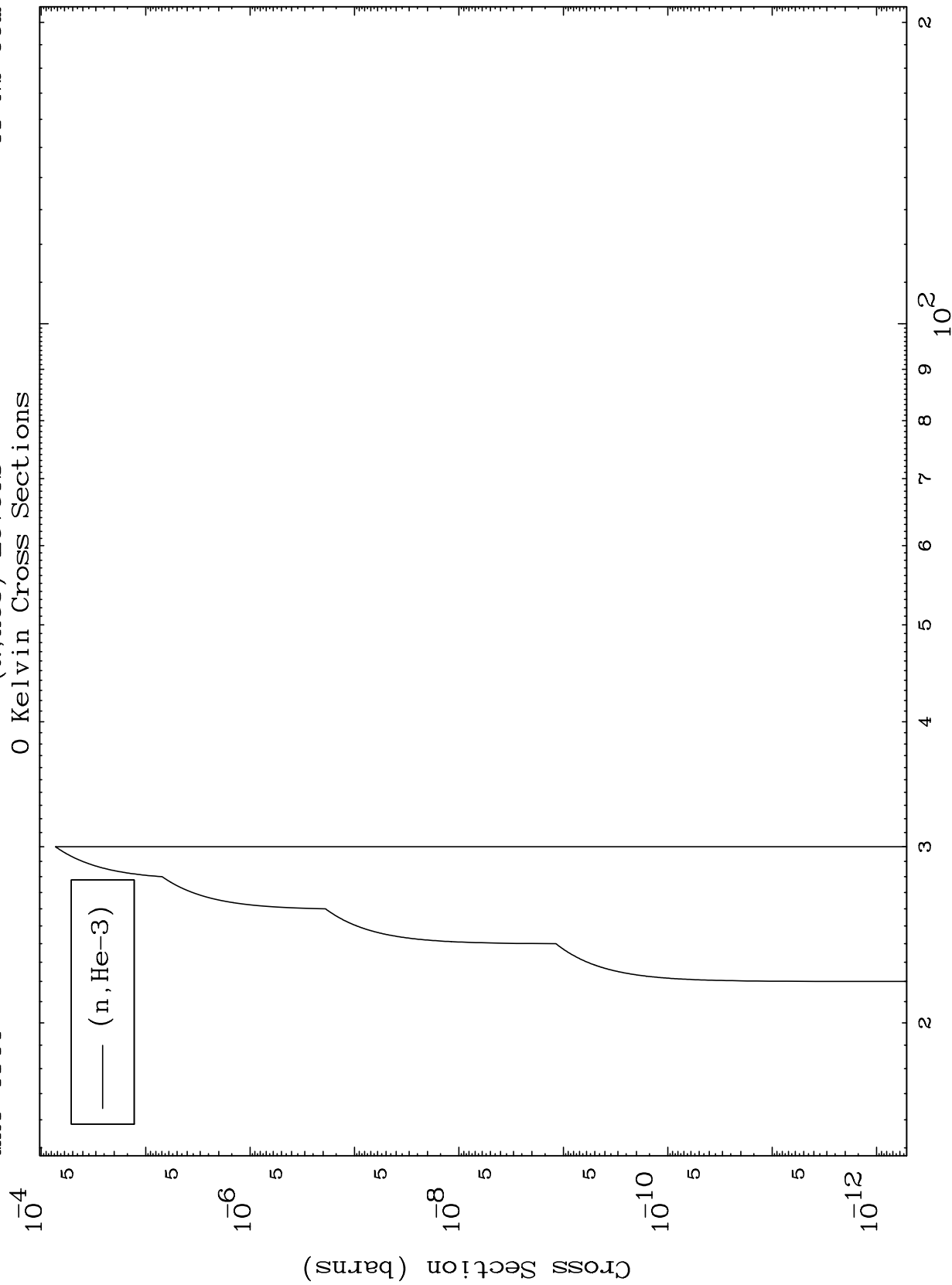
Incident Energy (MeV)

41-Nb-99m

MAT 4144

41-Nb-99m

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



10

Incident Energy (MeV)

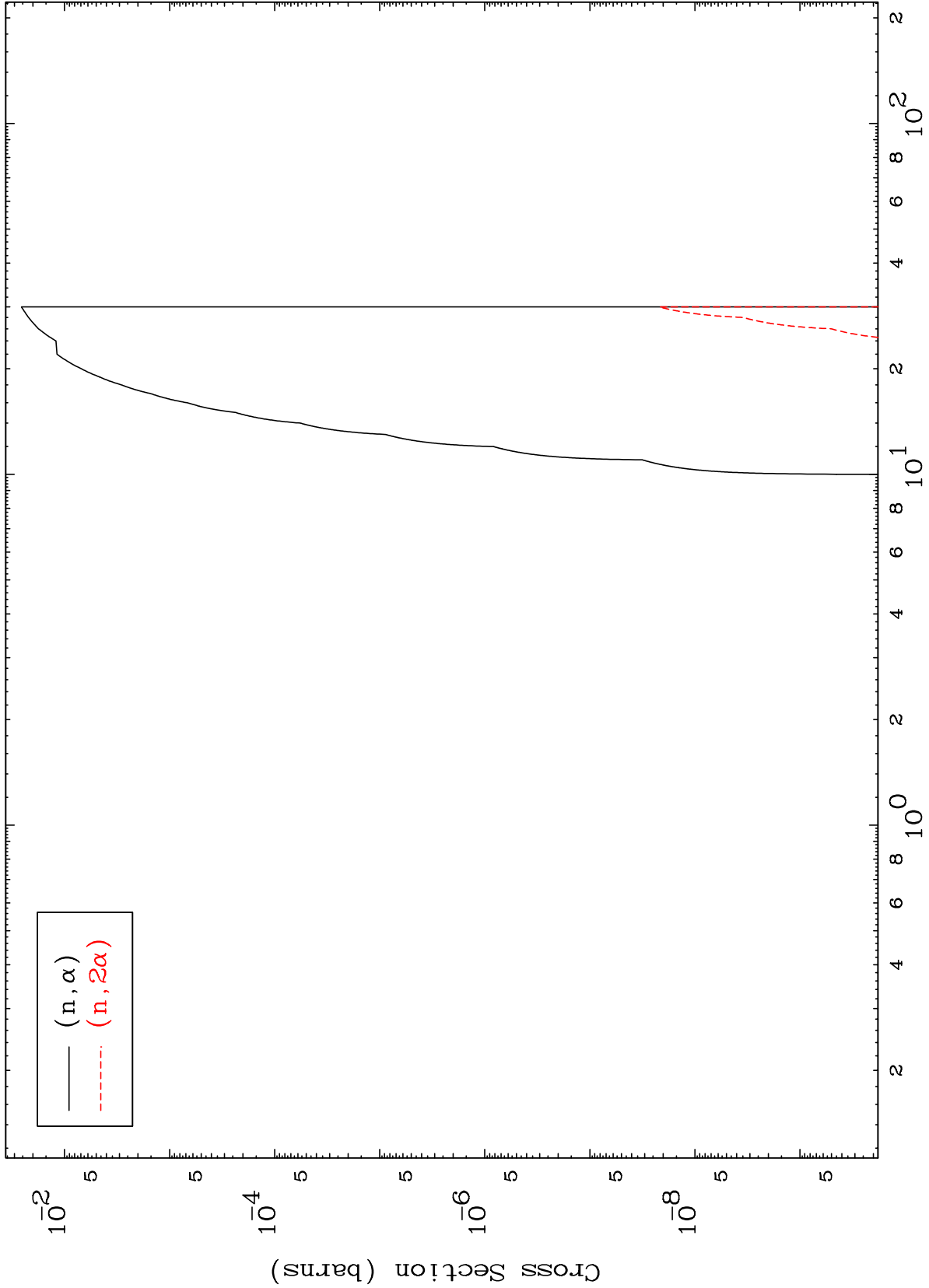
41-Nb-99m

MAT 4144

( $\alpha, \alpha$ ) Levels

41-Nb-99m

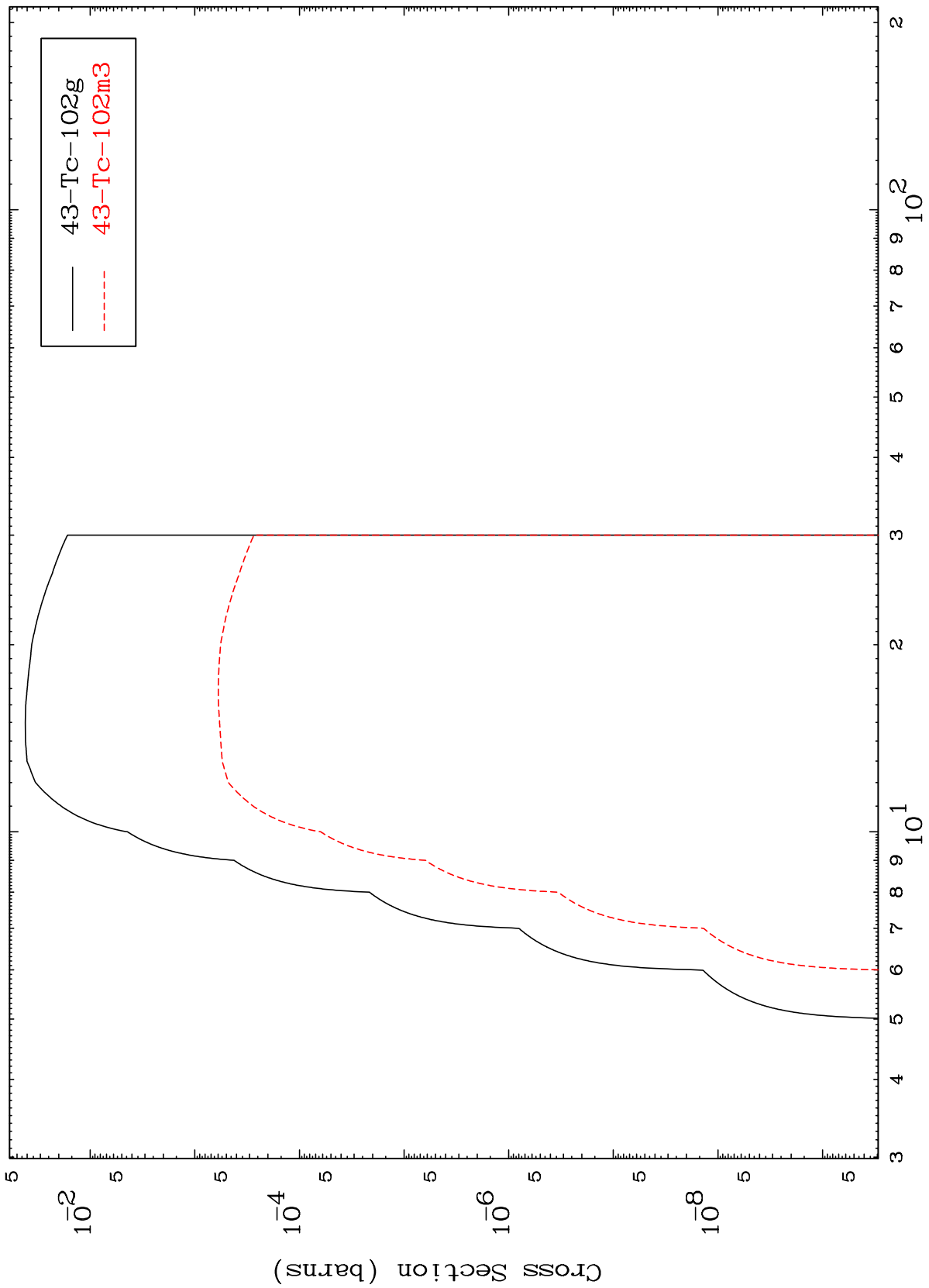
0 Kelvin Cross Sections



MAT 4144

Inelastic  
Radionuclide Production Cross Section

41-Nb-99m



12

Incident Energy (MeV)

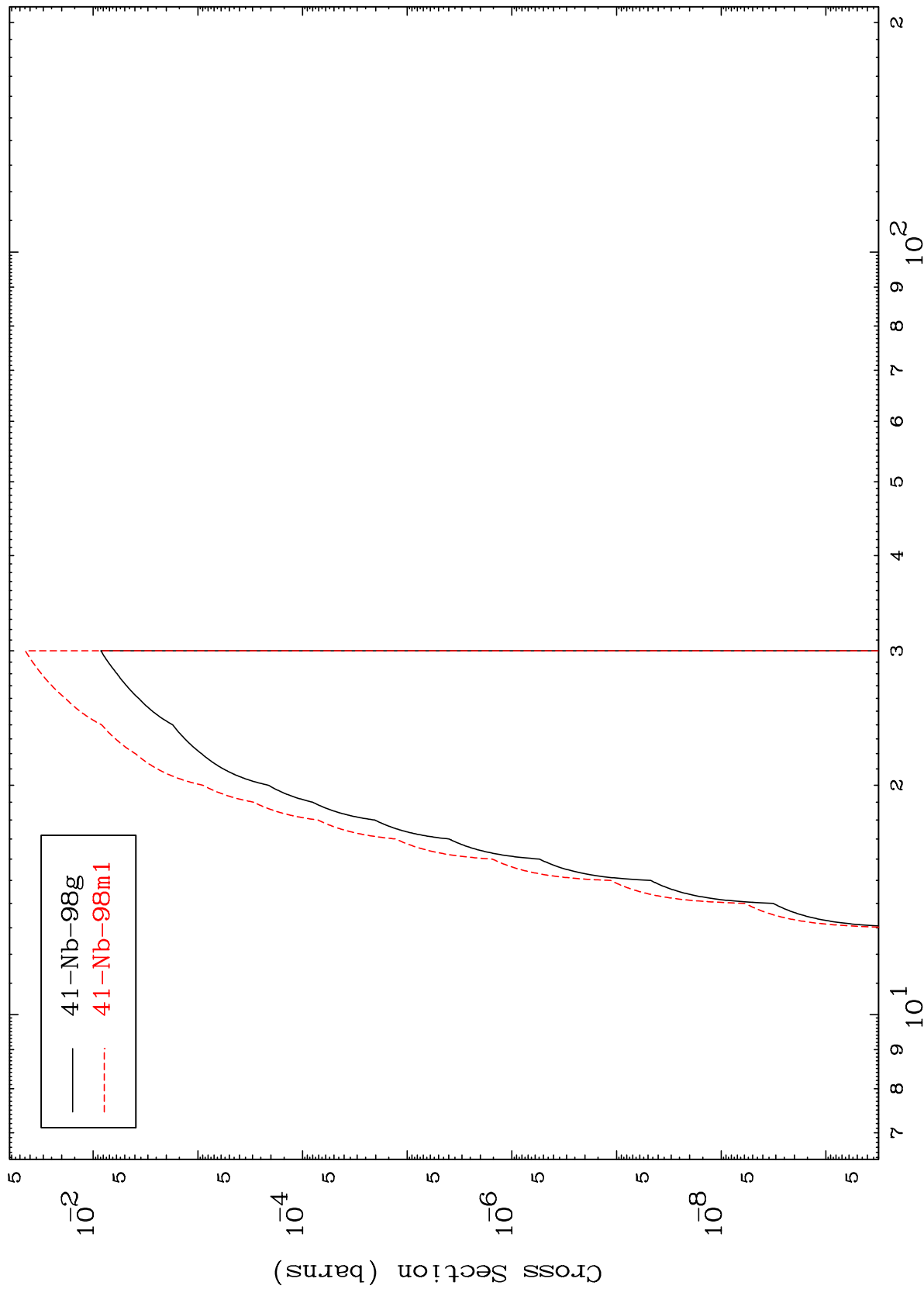
41-Nb-99m

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$(n, n') \alpha$

41-Nb-99m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

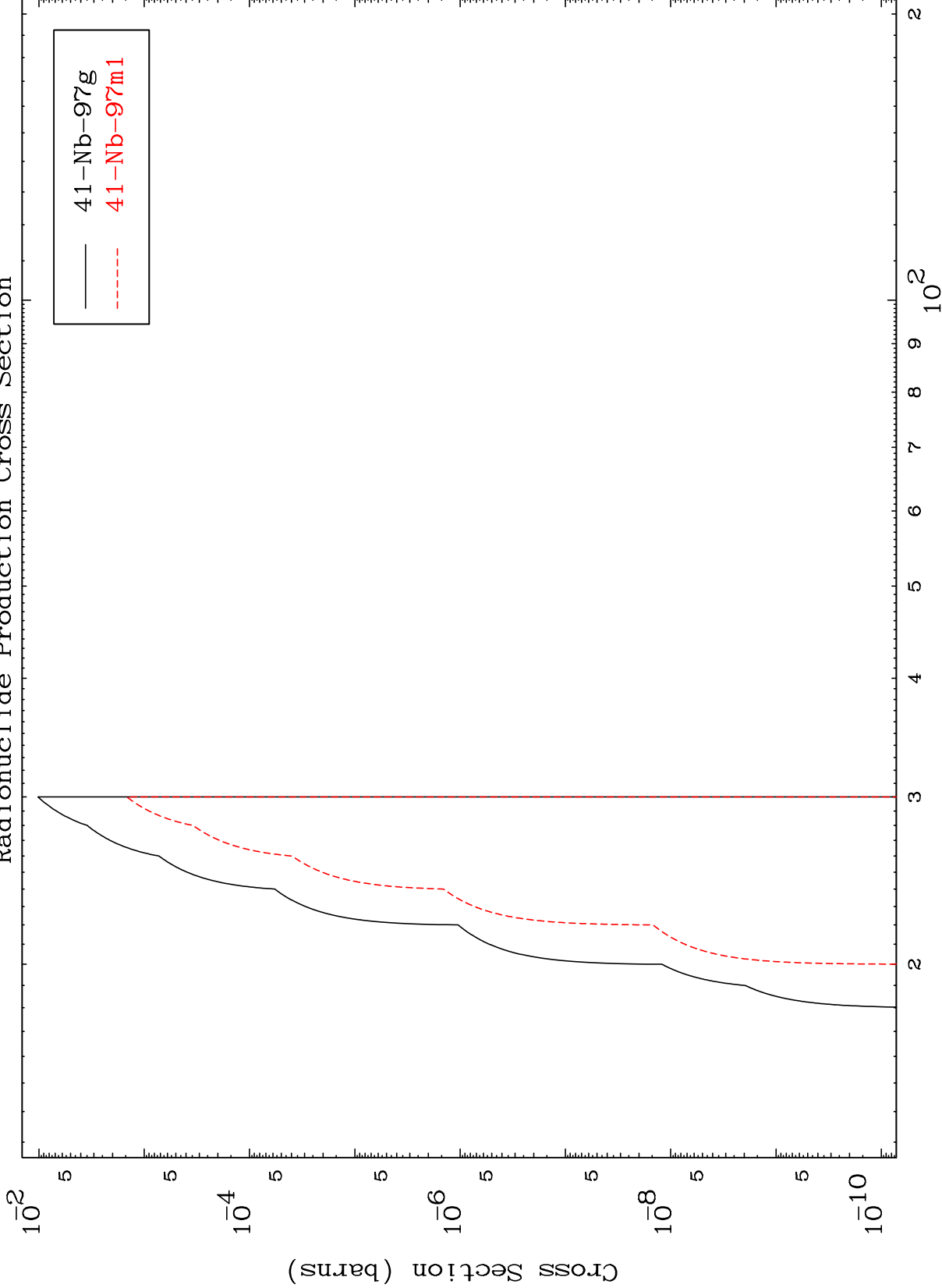
41-Nb-99m

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(n,2n)  $\alpha$

41-Nb-99m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

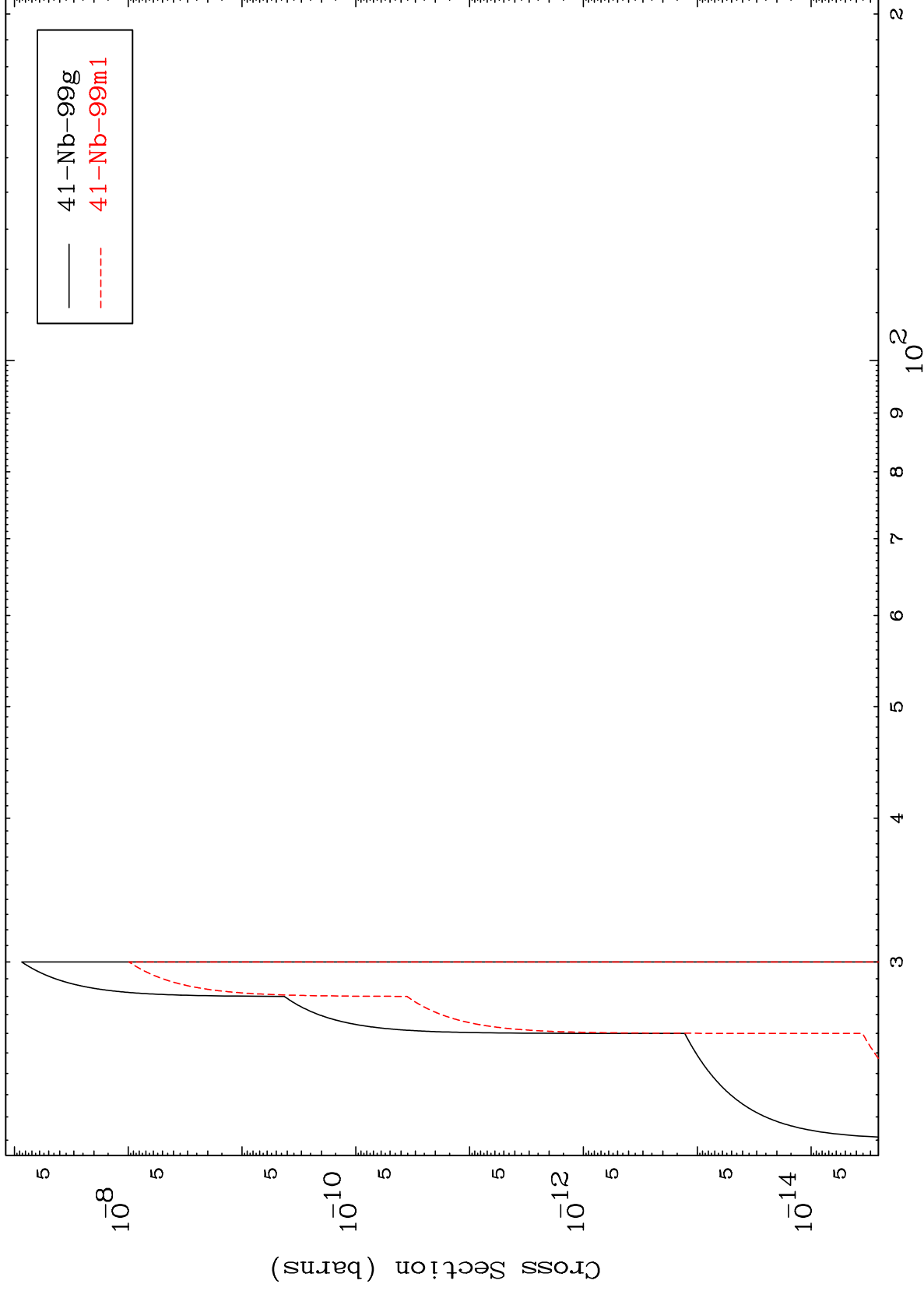
41-Nb-99m

MAT 4144

(n,n') He-3

41-Nb-99m

Radionuclide Production Cross Section

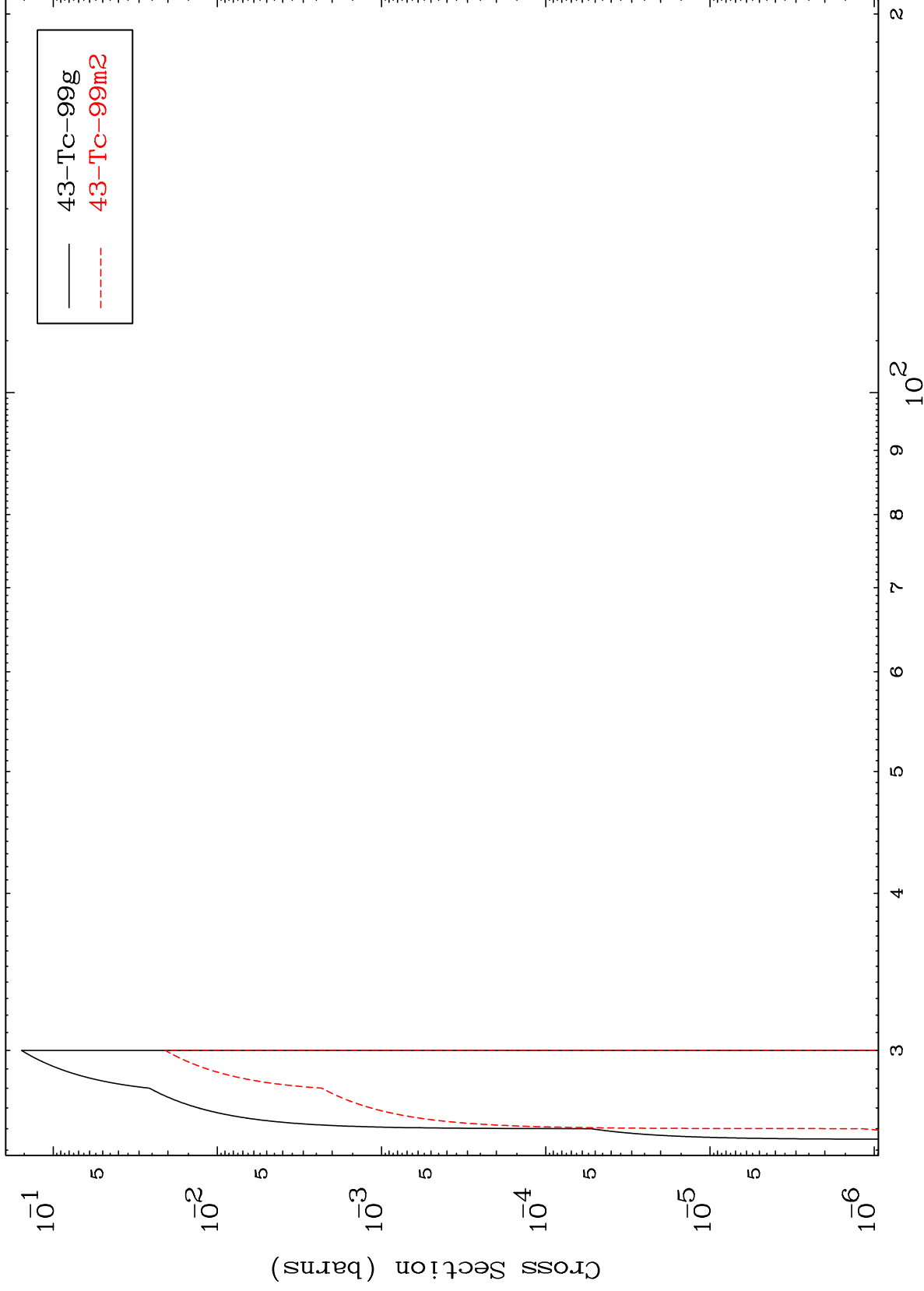


15

Incident Energy (MeV)

41-Nb-99m

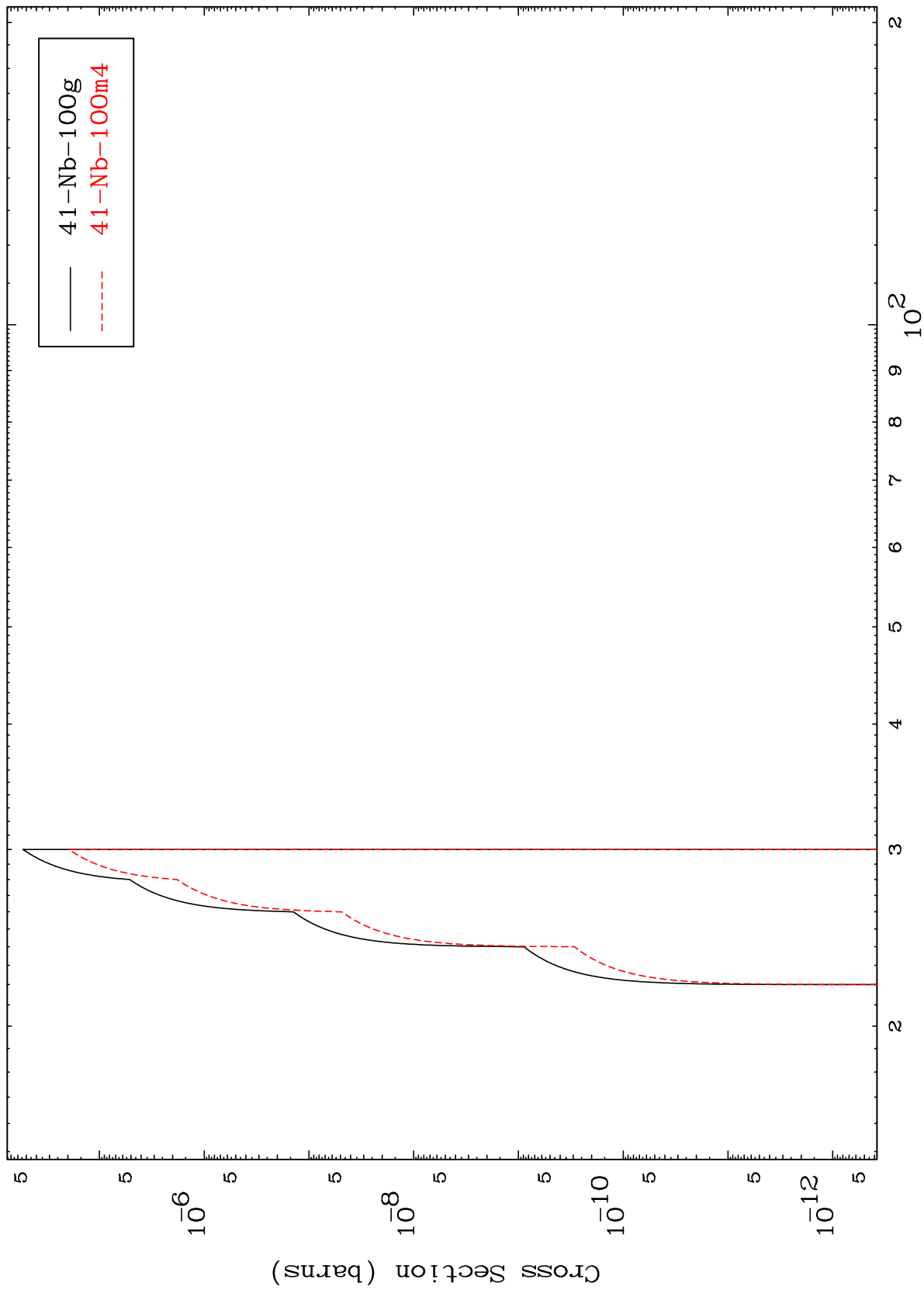
(n,4n)  
Radionuclide Production Cross Section



MAT 4144

41-Nb-99m

(n,He-3)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

41-Nb-99m

MAT 4144

41-Nb-99m

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

