

Program EVALPLOT  
(Version 2021-1)

by

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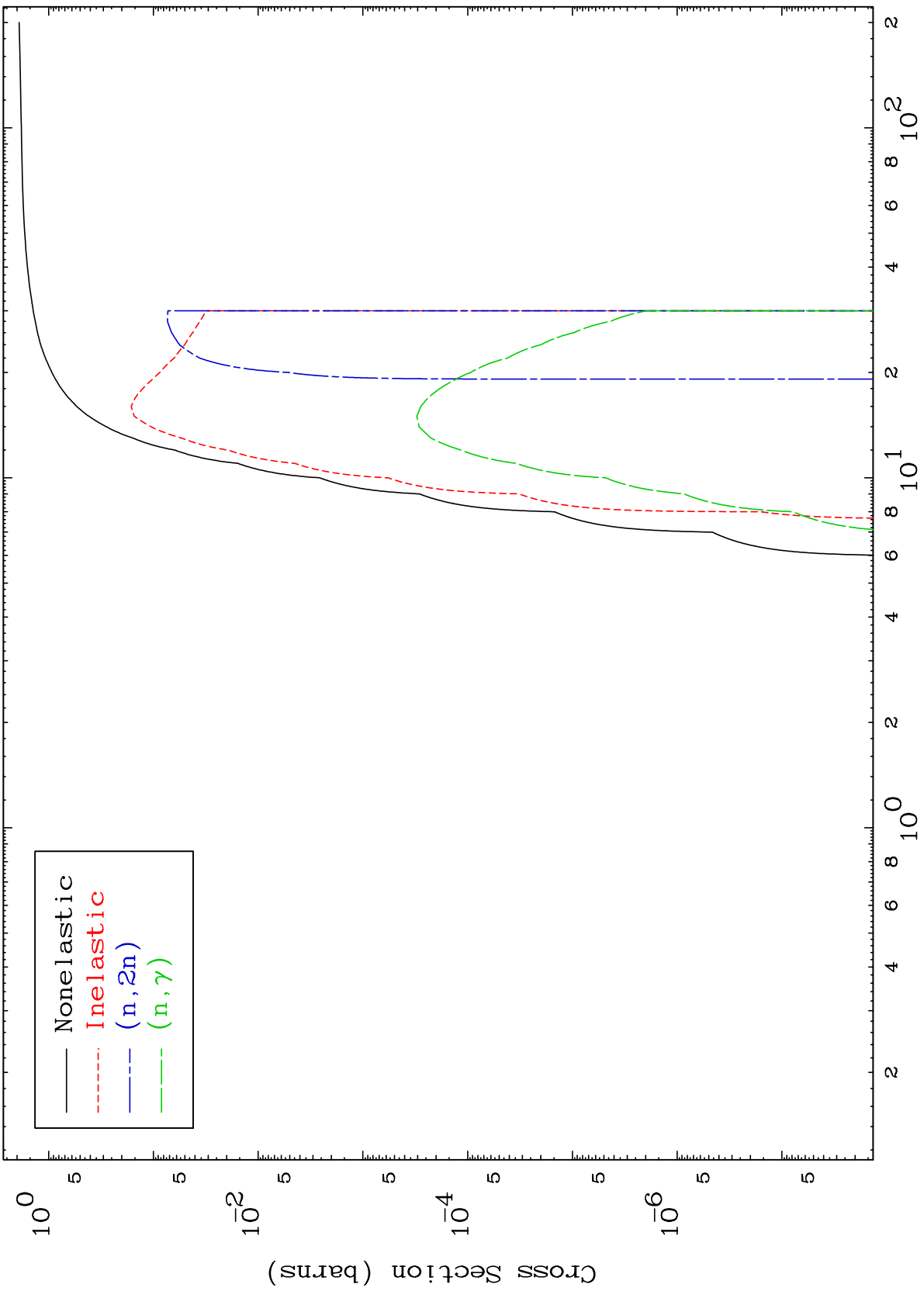
Press Mouse Button to Start

MAT 4114

$\alpha$  Major

41-Nb-89m

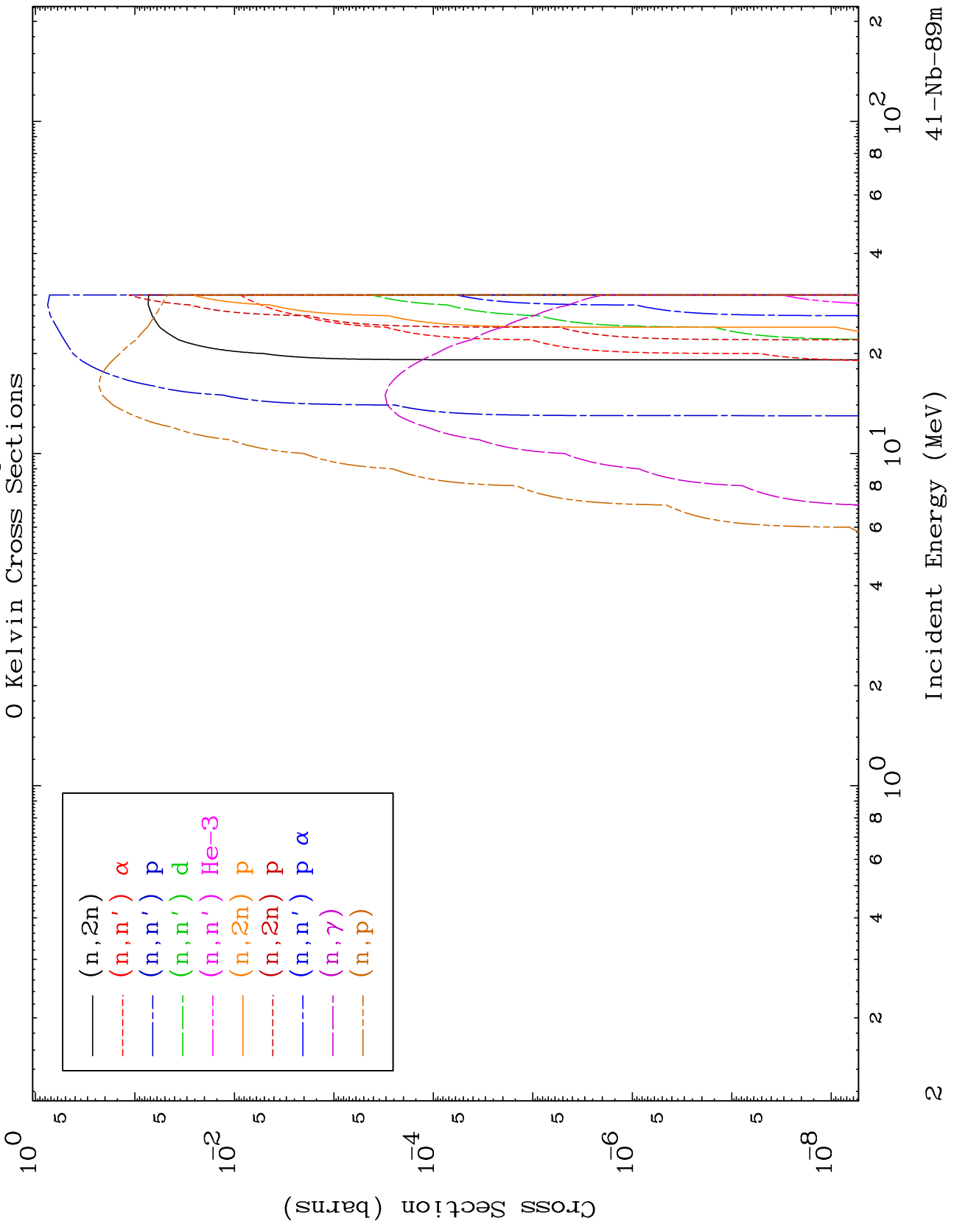
0 Kelvin Cross Sections



MAT 4114

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

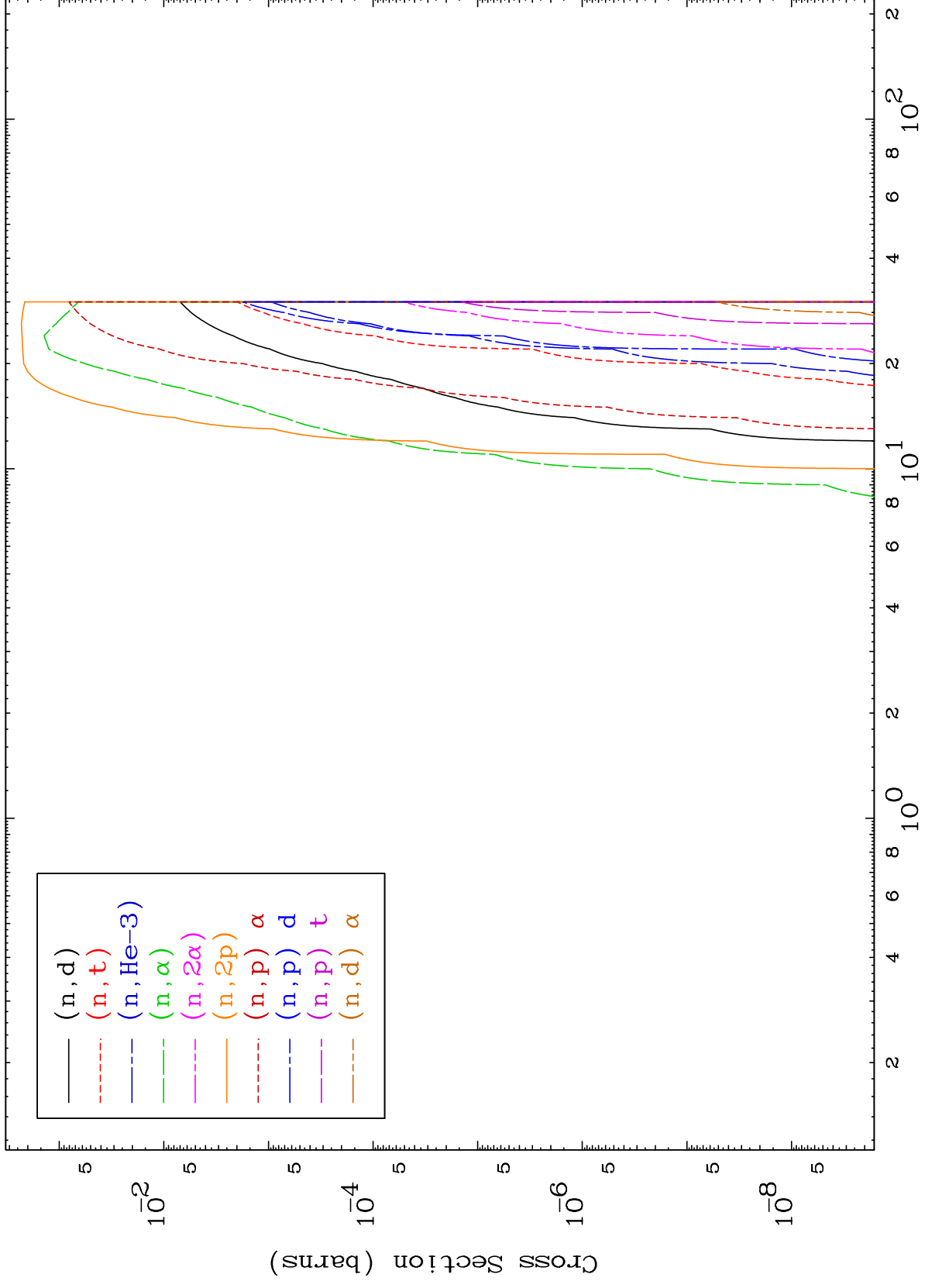
41-Nb-89m



MAT 4114

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

41-Nb-89m



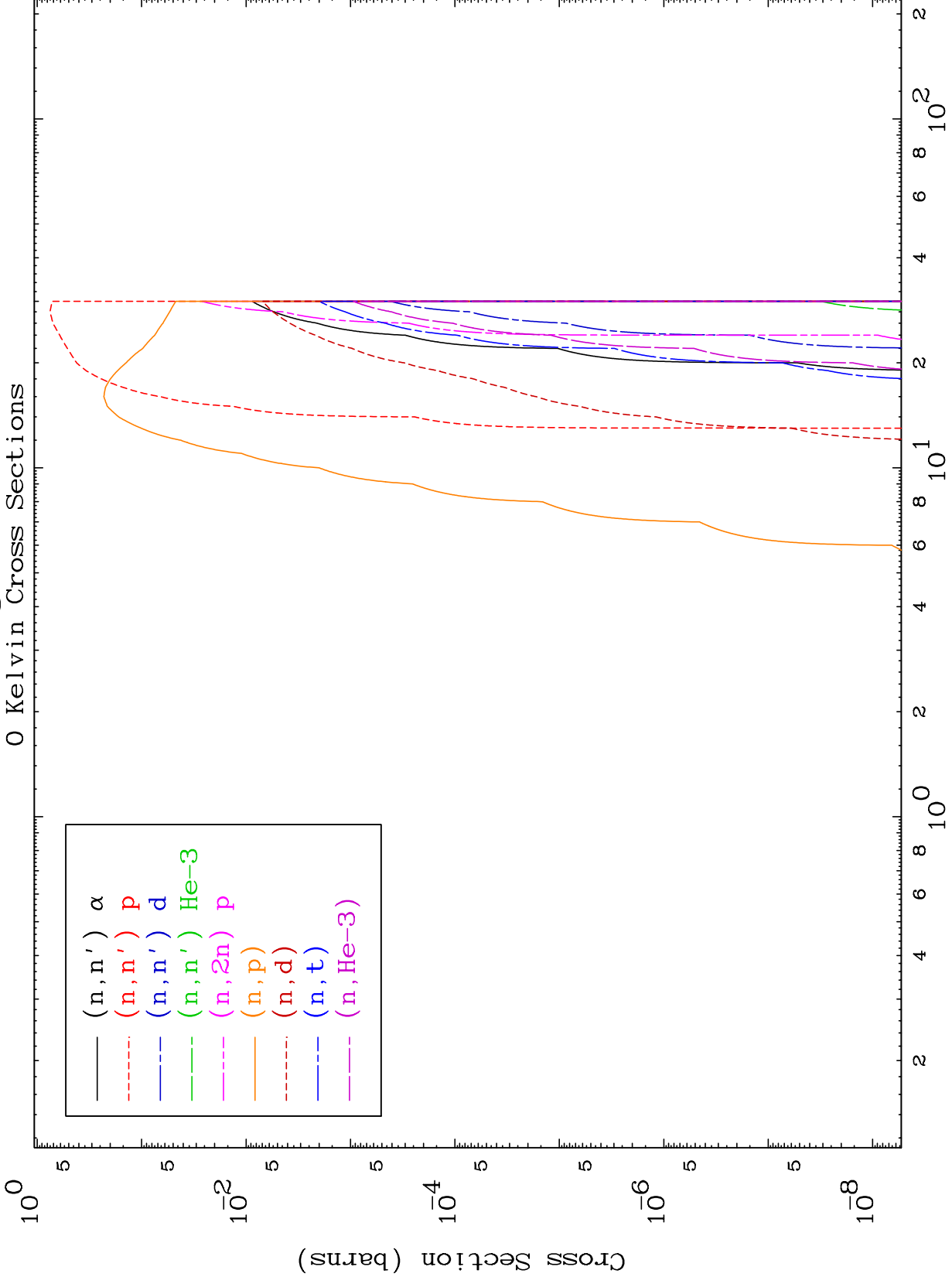
Incident Energy (MeV)

41-Nb-89m

MAT 4114

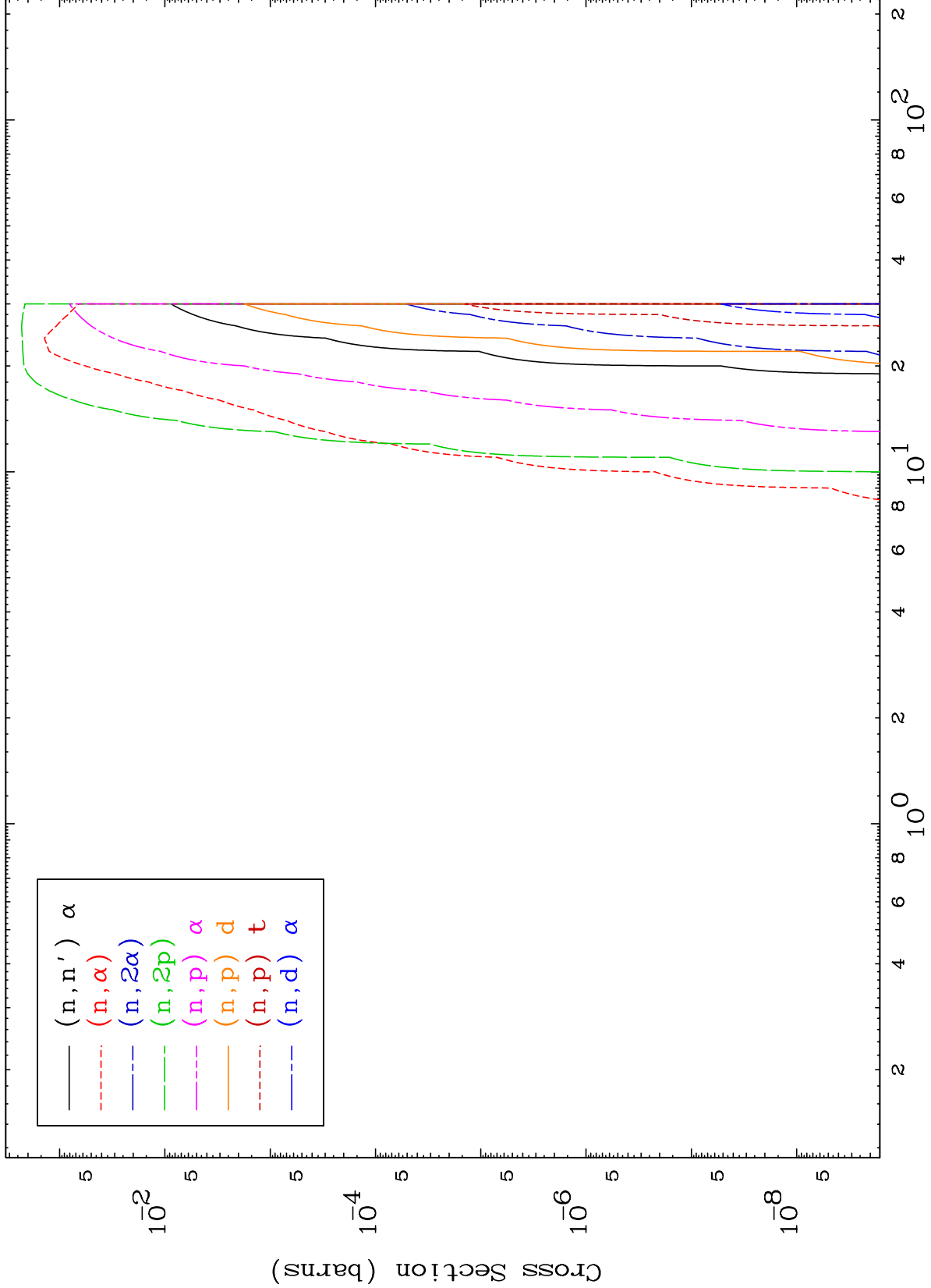
$\alpha$  Charged Particle  
0 Kelvin Cross Sections

41-Nb-89m



Incident Energy (MeV)

41-Nb-89m

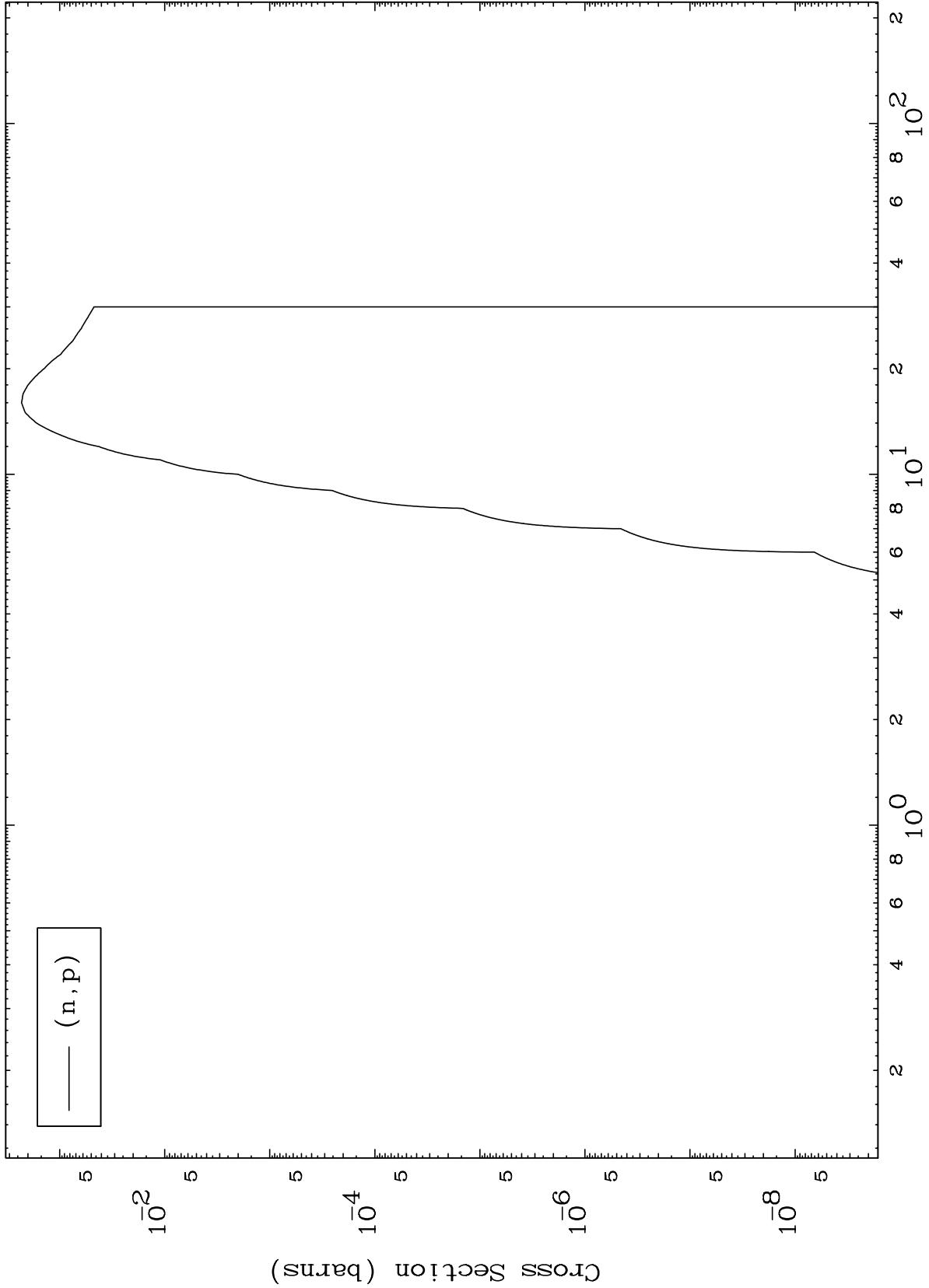


MAT 4114

( $\alpha, p$ ) Levels

41-Nb-89m

0 Kelvin Cross Sections

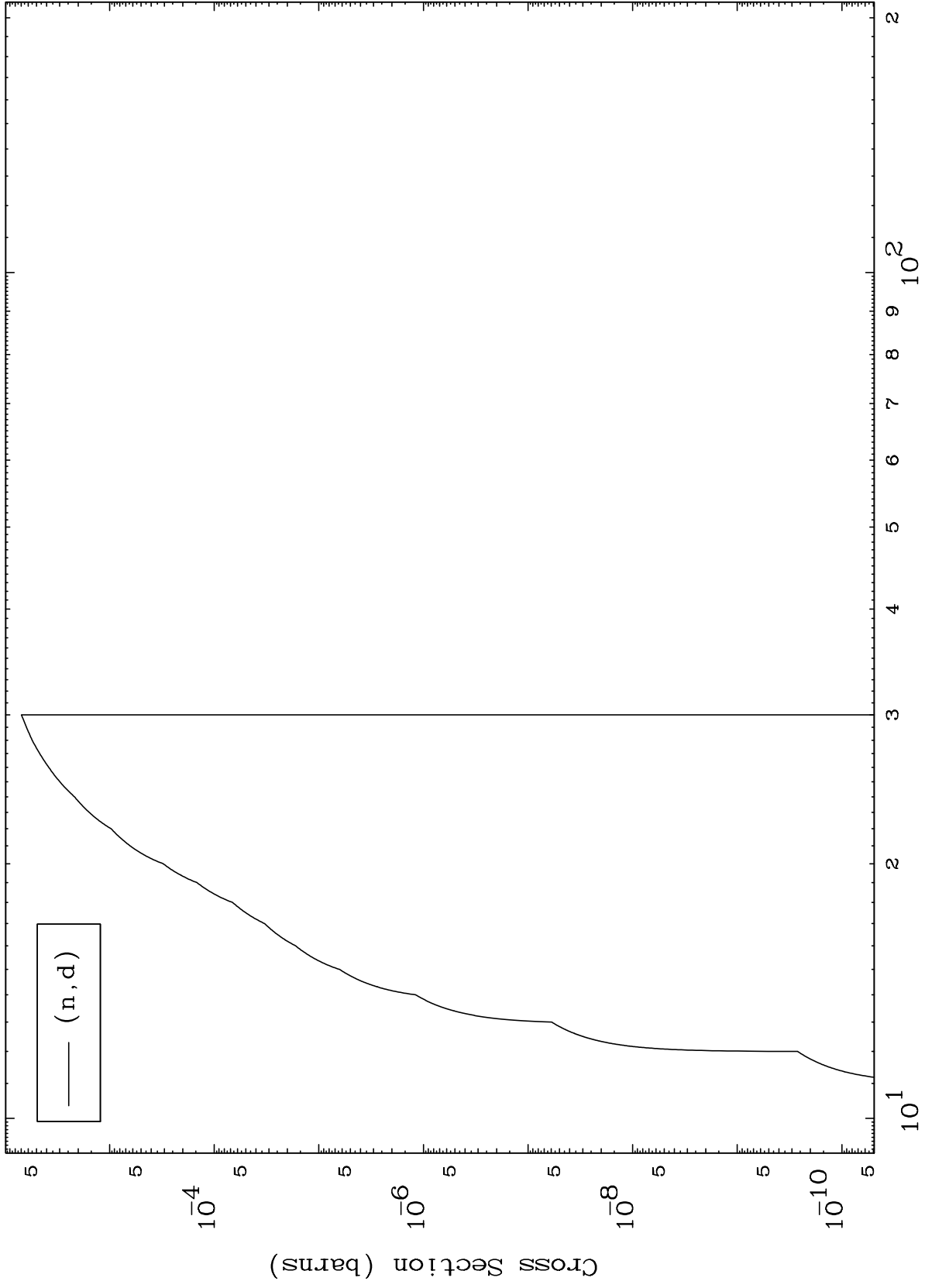


(n, p)

MAT 4114

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

41-Nb-89m



Incident Energy (MeV)

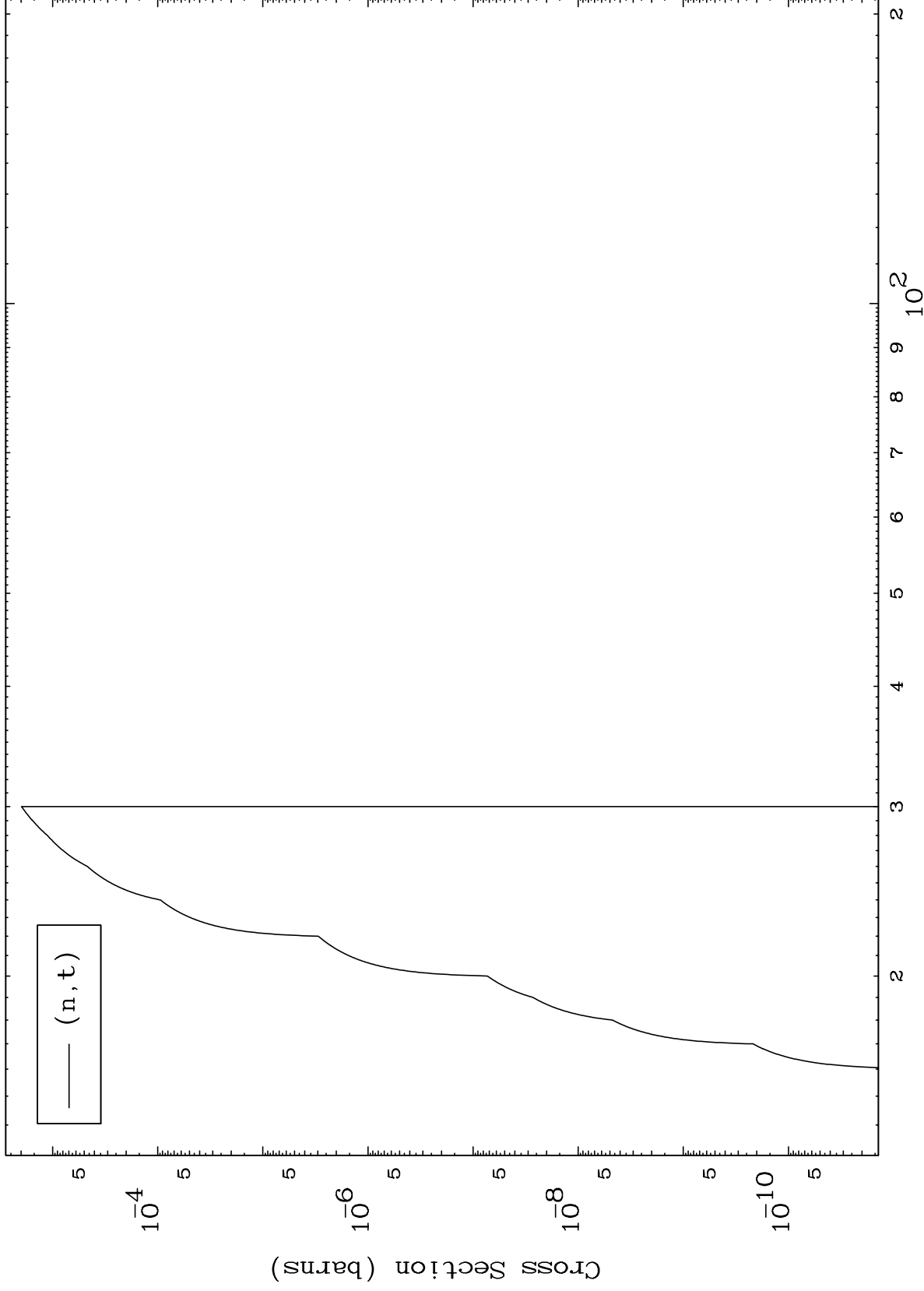
41-Nb-89m



MAT 4114

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

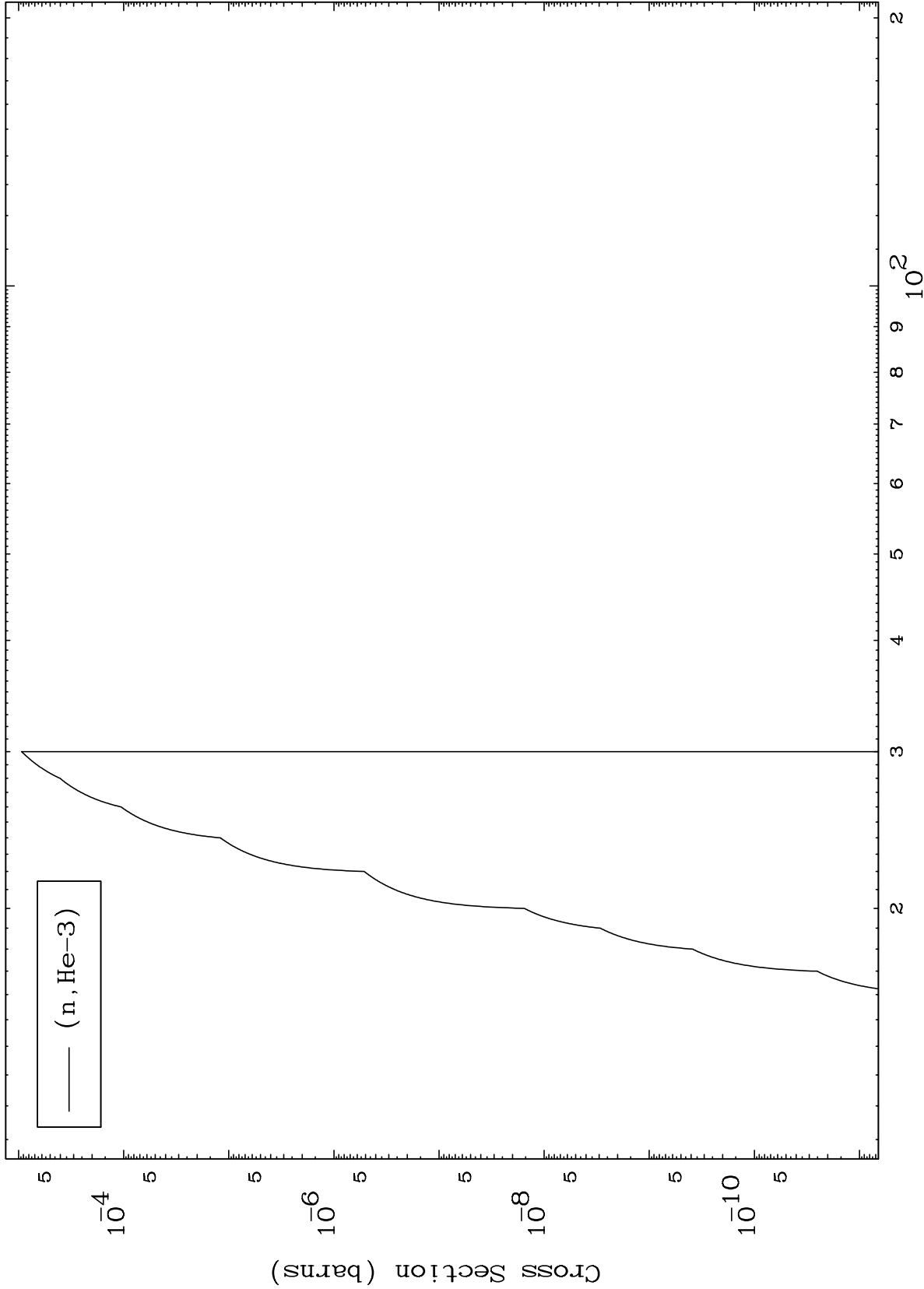
41-Nb-89m



MAT 4114

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

41-Nb-89m



9

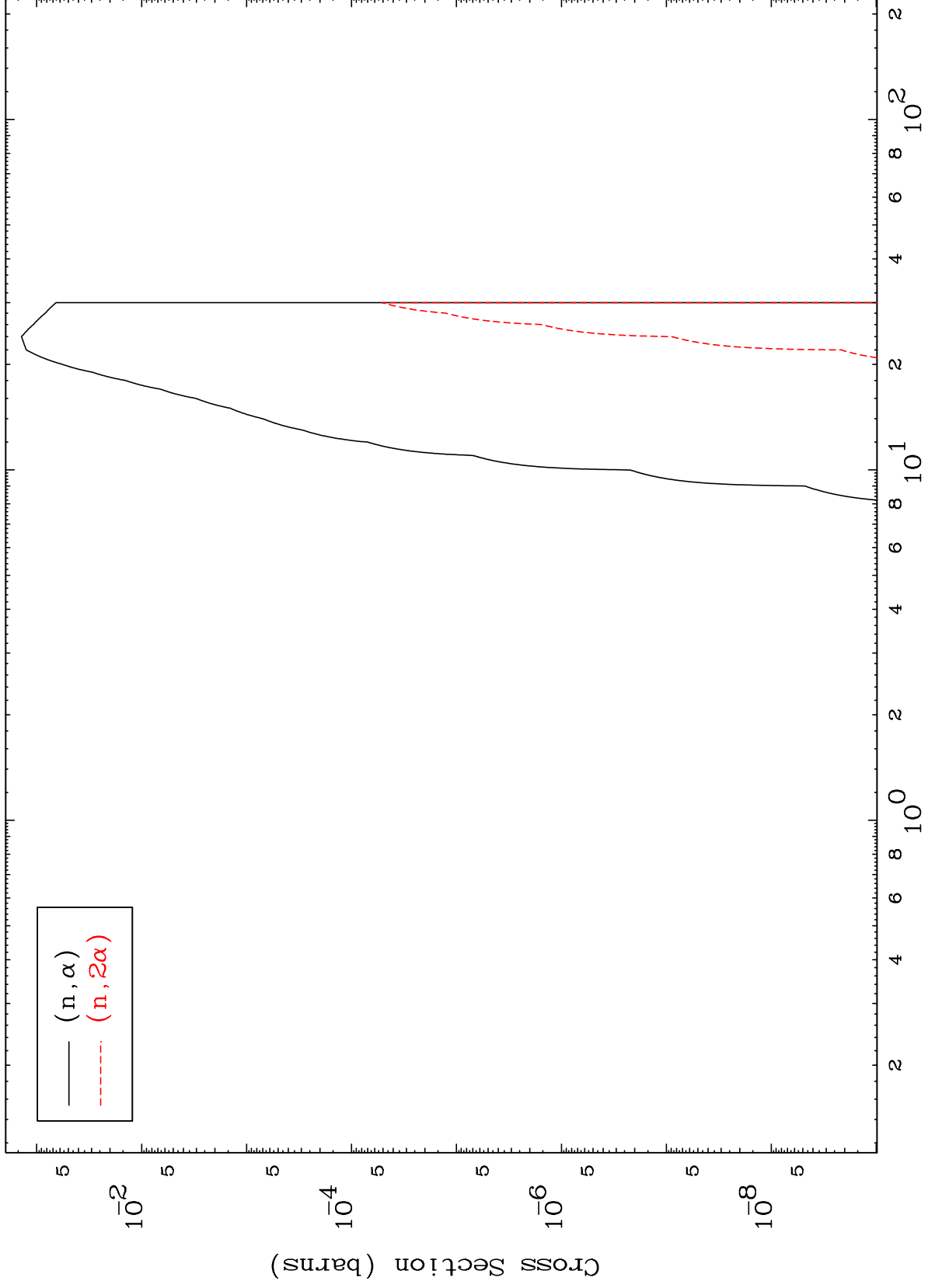
Incident Energy (MeV)

41-Nb-89m

MAT 4114

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

41-Nb-89m



10

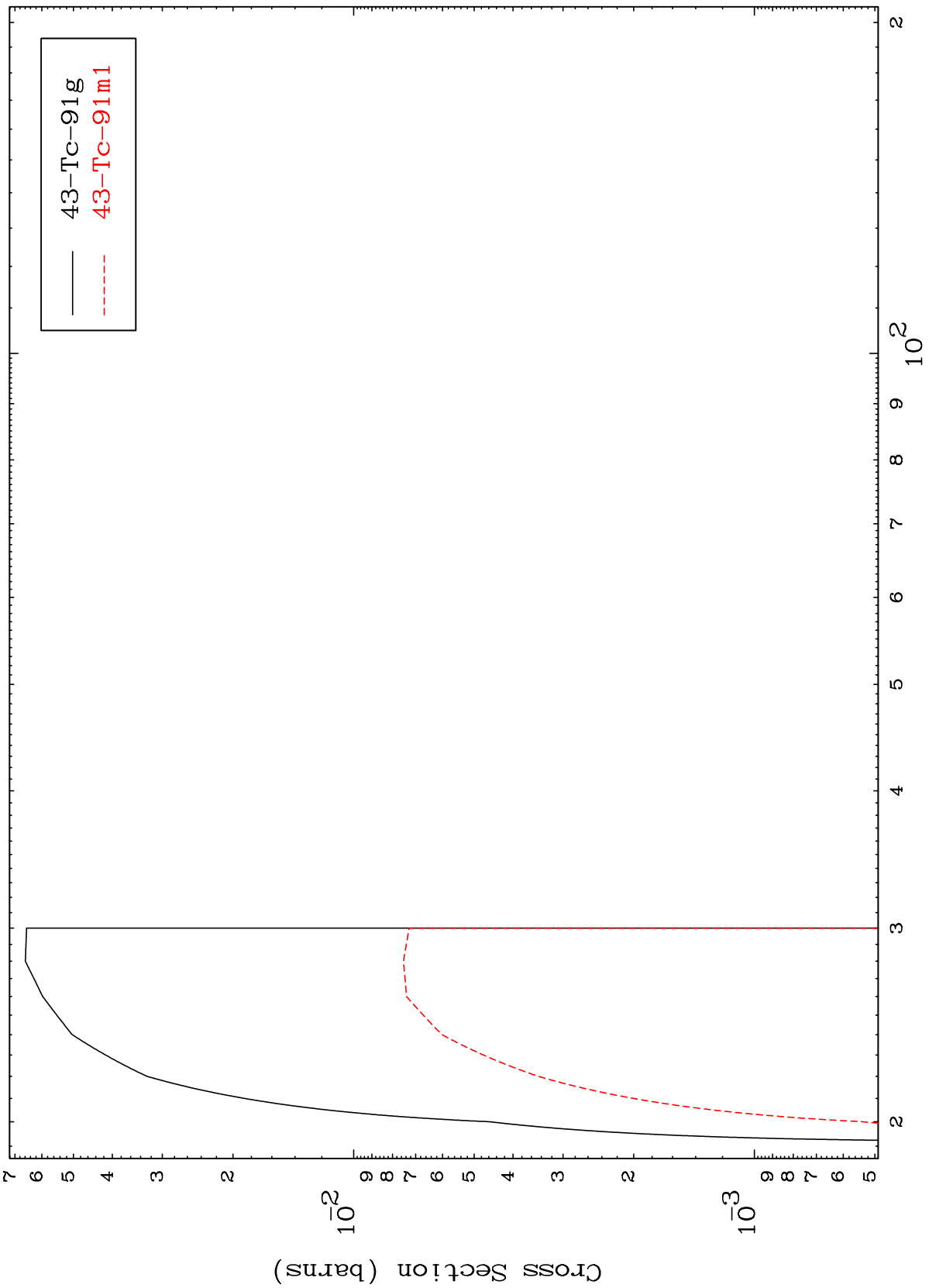
Incident Energy (MeV)

41-Nb-89m

MAT 4114

41-Nb-89m

(n,2n)  
Radionuclide Production Cross Section

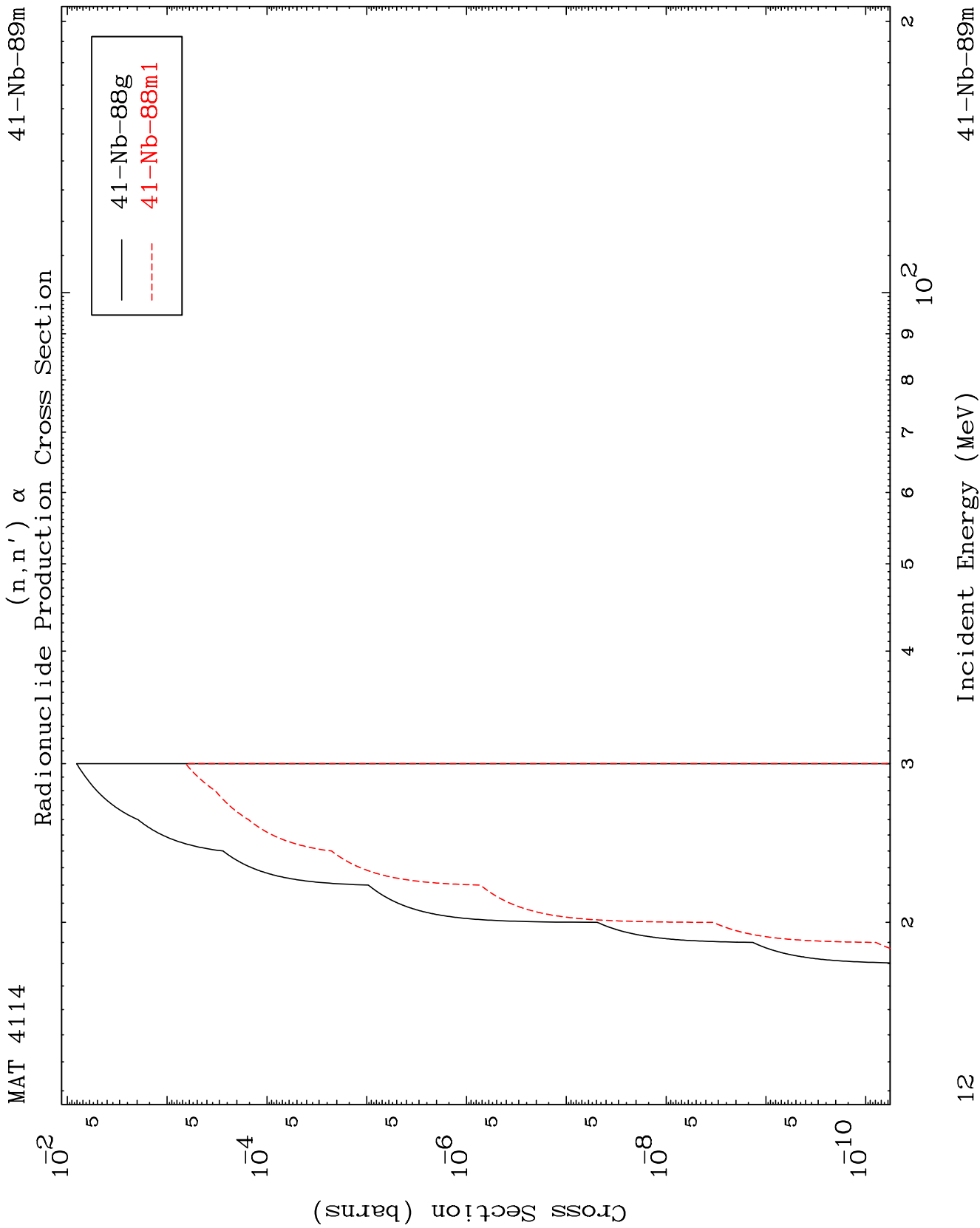


43-Tc-91g  
43-Tc-91m1

11

Incident Energy (MeV)

41-Nb-89m

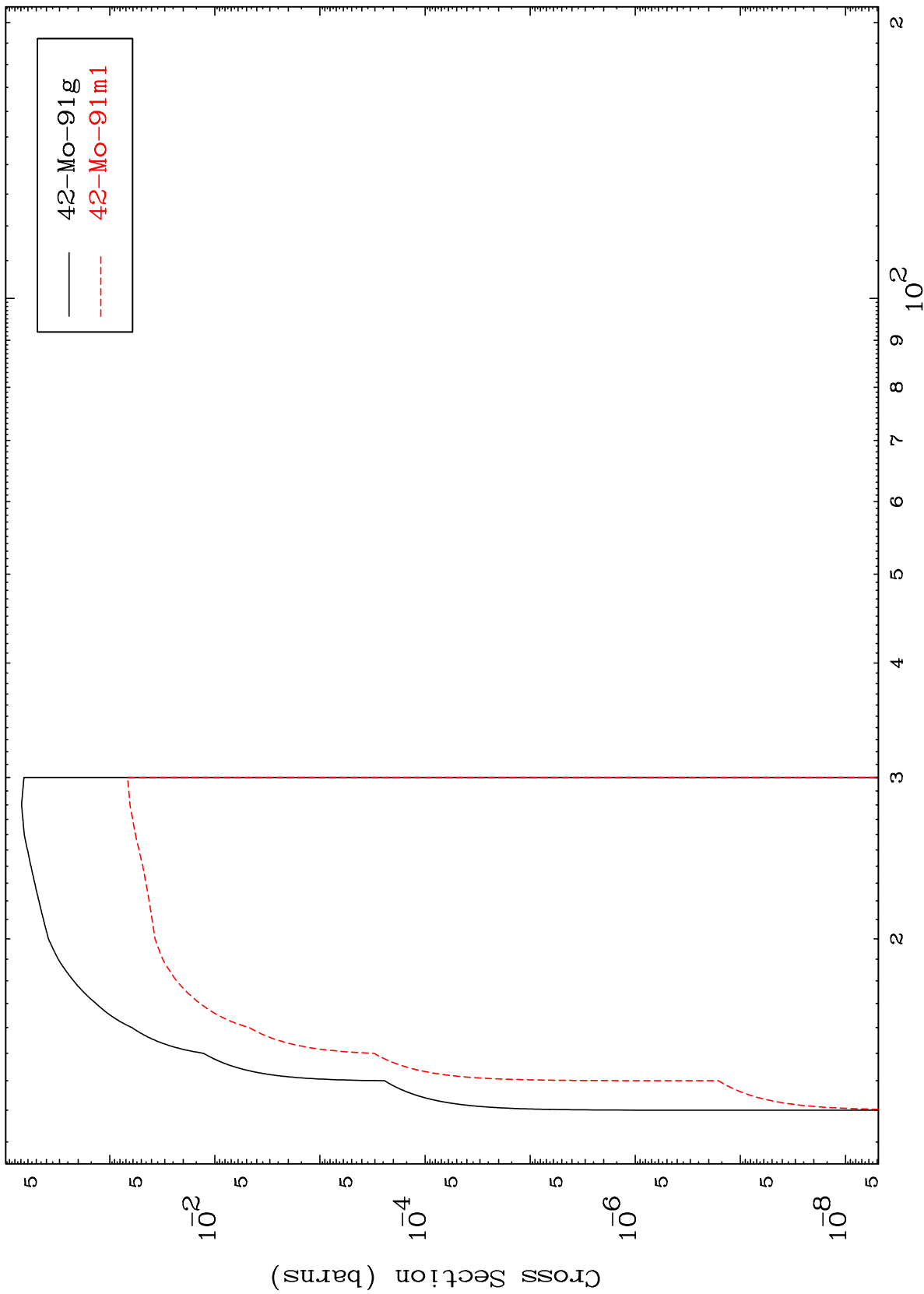


MAT 4114

(n,n') p

41-Nb-89m

Radionuclide Production Cross Section



42-Mo-91g  
42-Mo-91m1

13

Incident Energy (MeV)

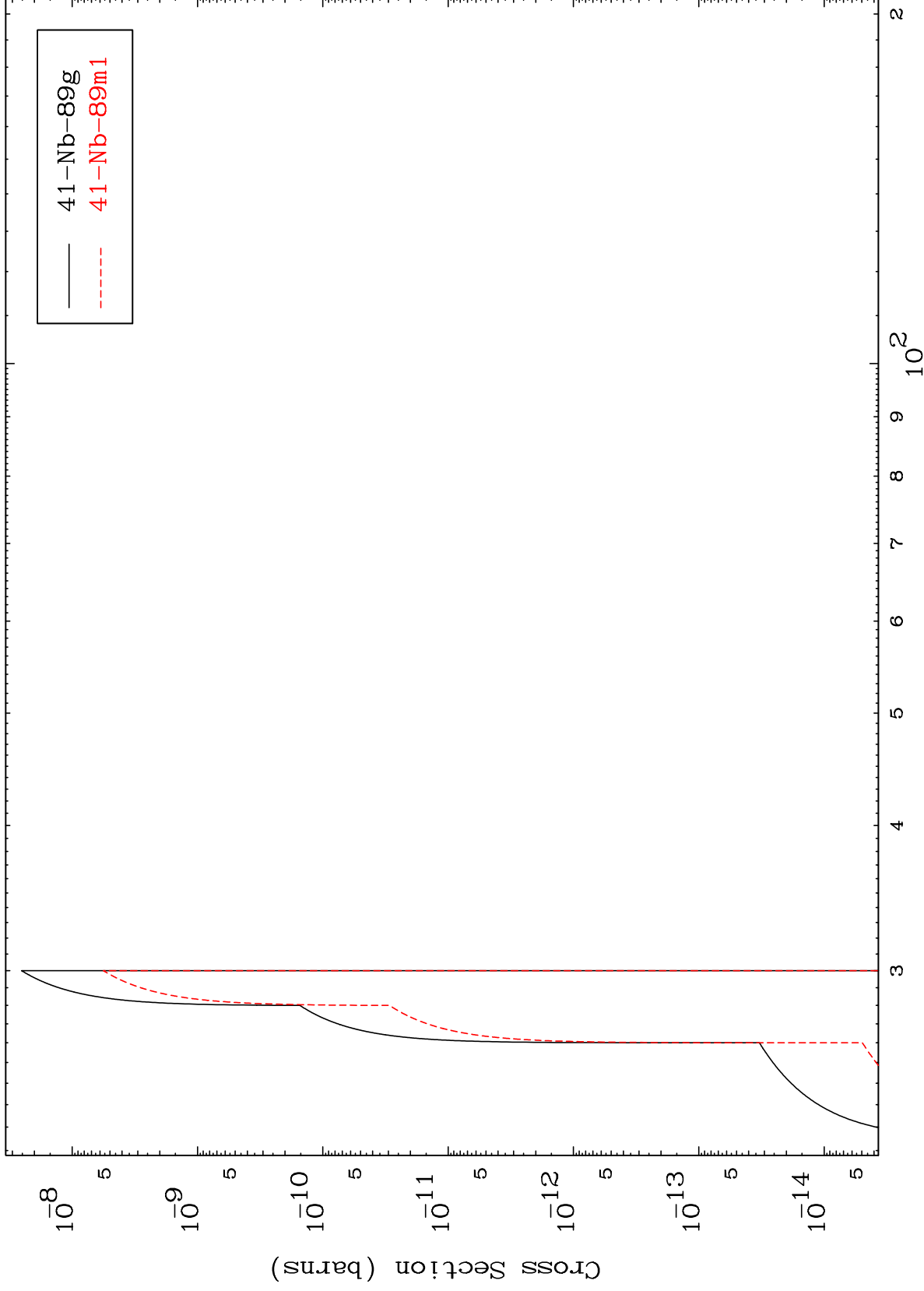
41-Nb-89m

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(n,n') He-3

41-Nb-89m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

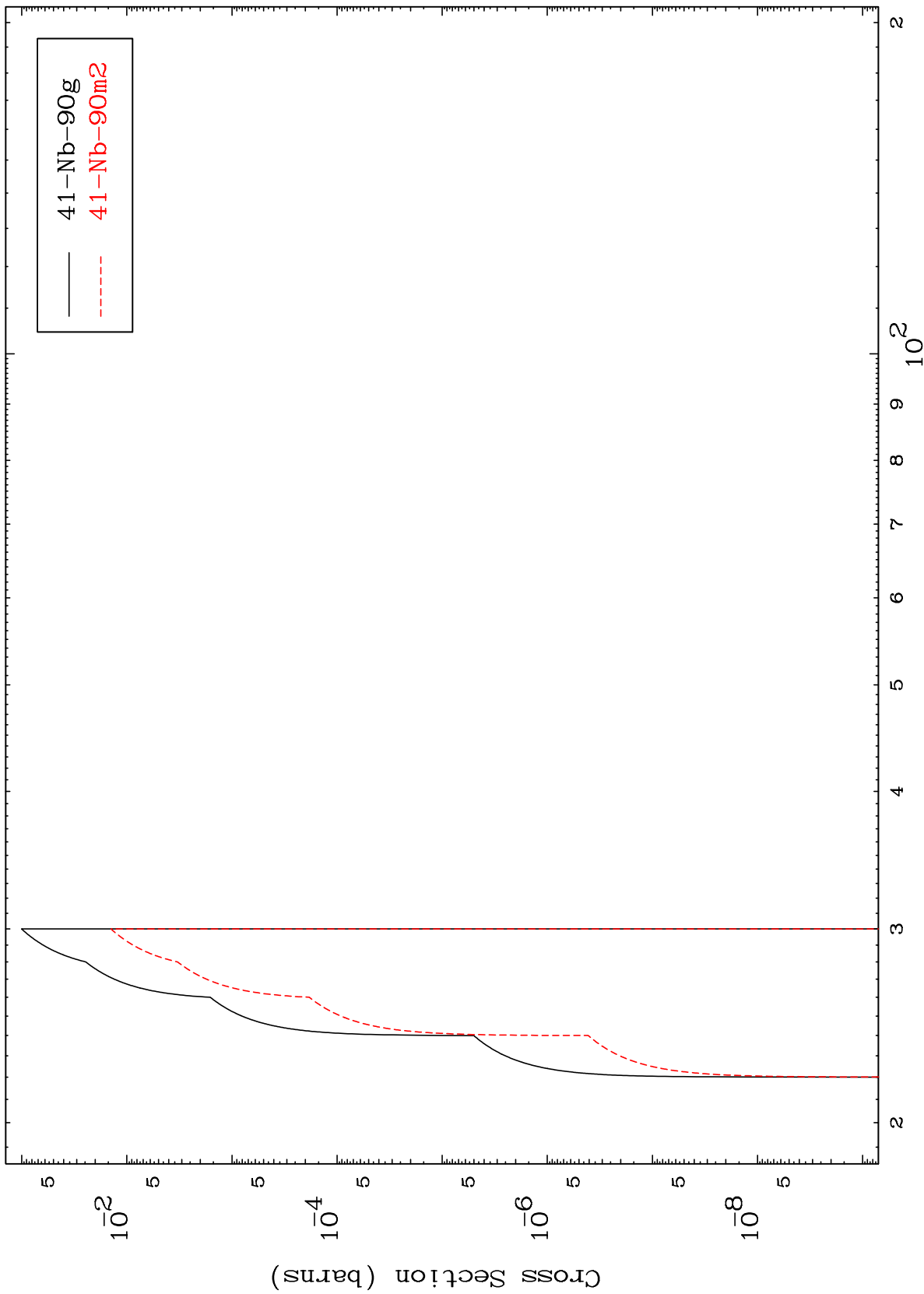
41-Nb-89m

MAT 4114

(n,2n) p

41-Nb-89m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

41-Nb-89m

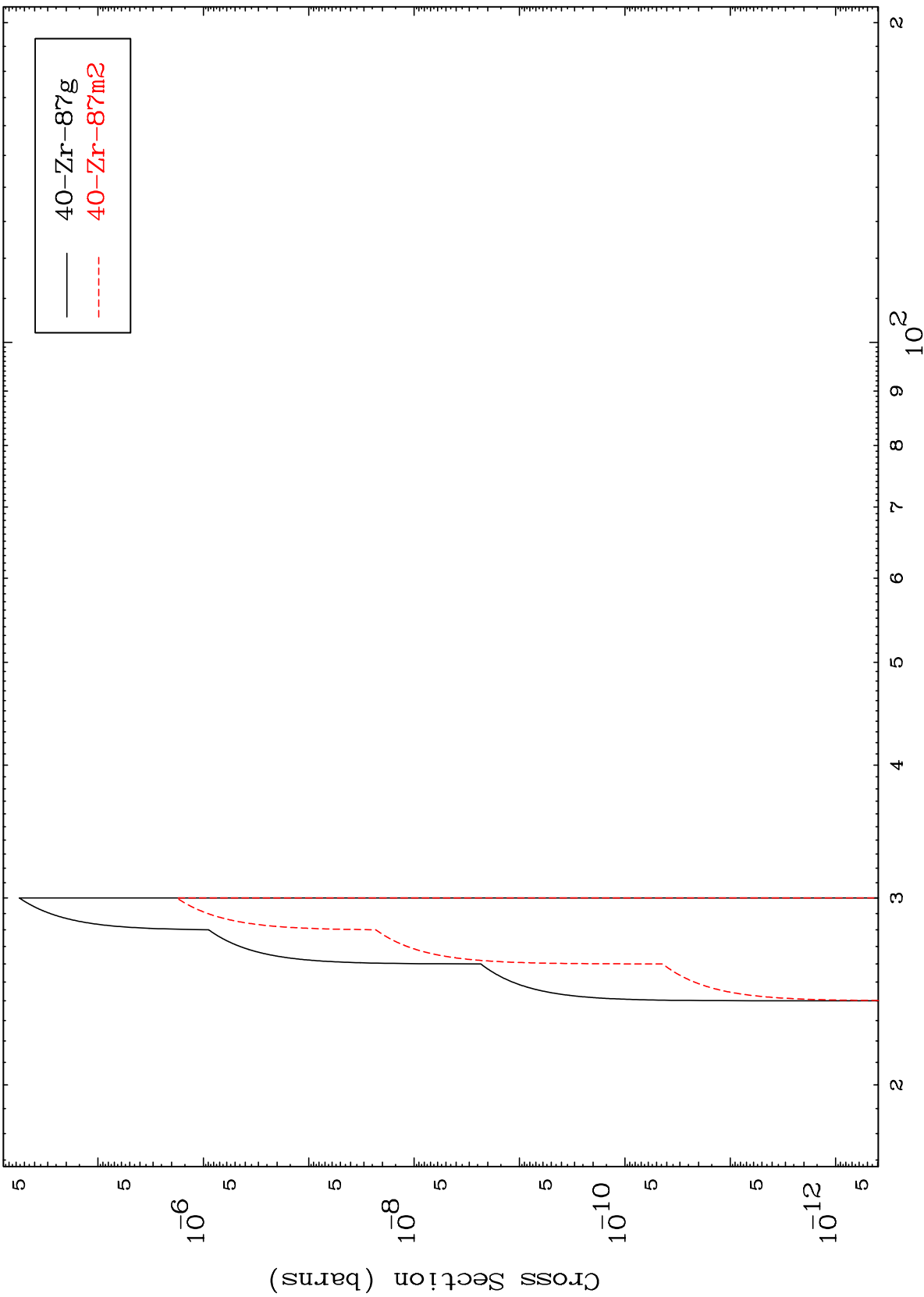


MAT 4114

(n,n') p  $\alpha$

41-Nb-89m

Radionuclide Production Cross Section



16

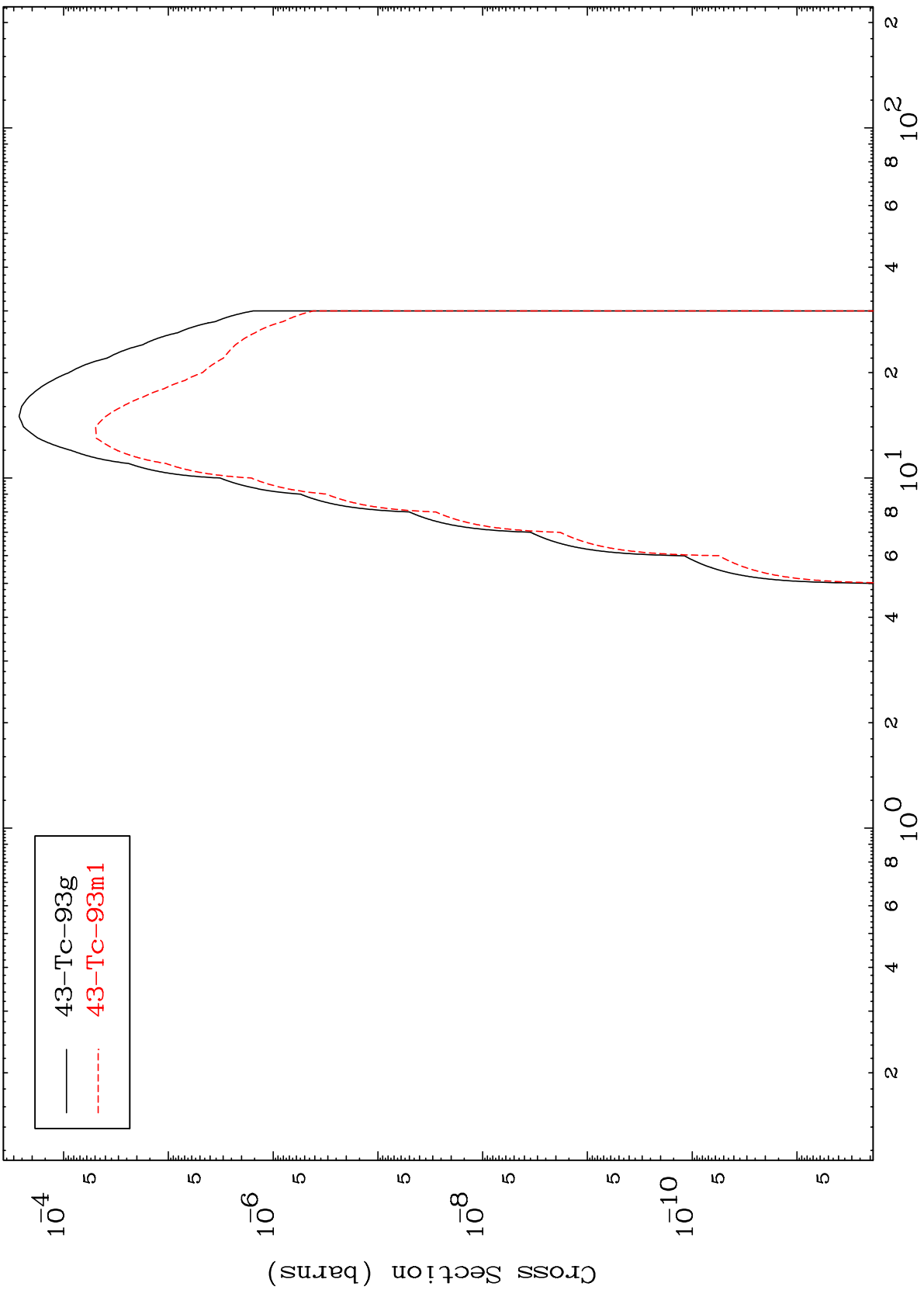
Incident Energy (MeV)

41-Nb-89m

MAT 4114

41-Nb-89m

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



41-Nb-89m

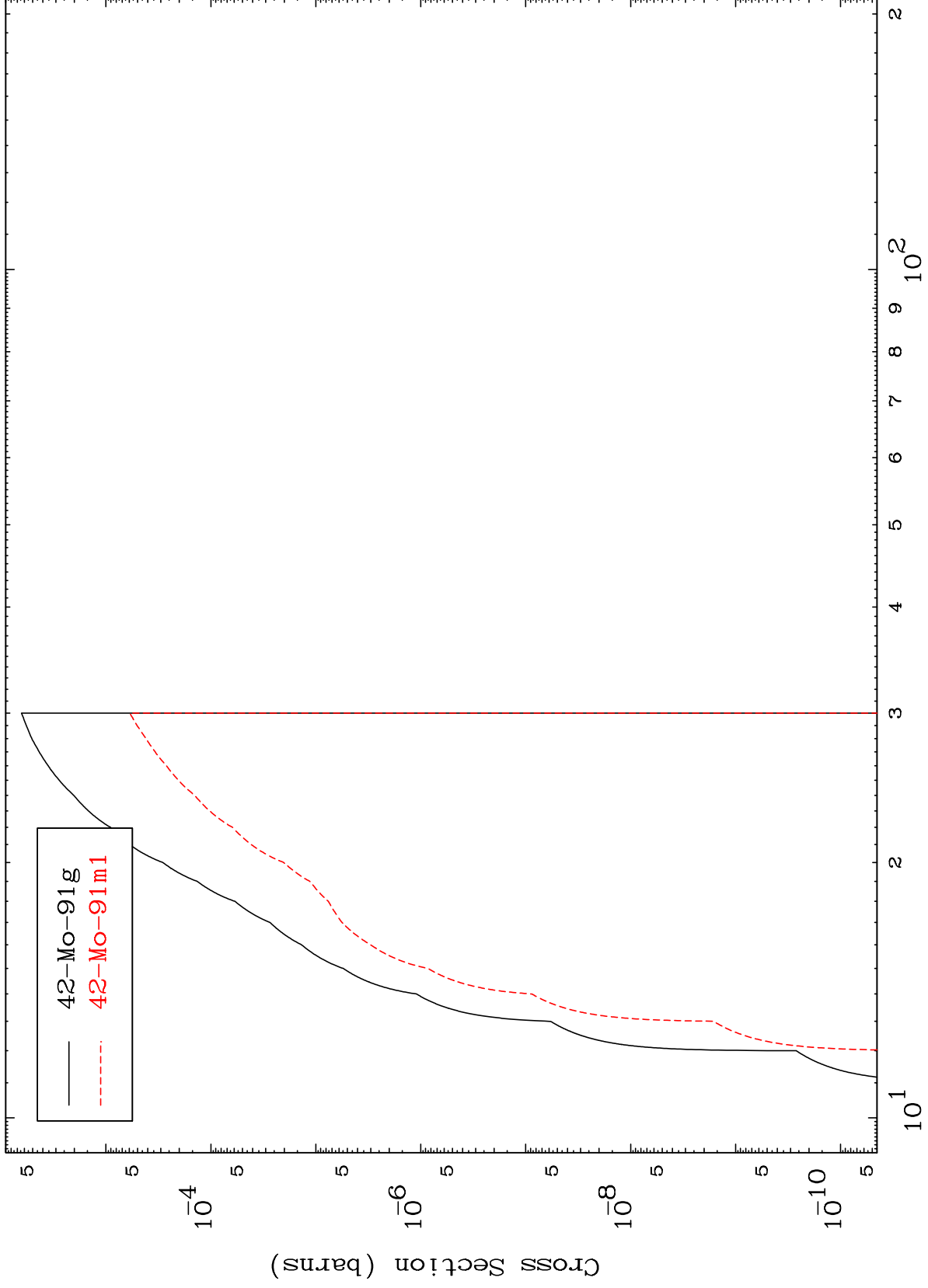
Incident Energy (MeV)

MAT 4114

(n,d)

41-Nb-89m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

10<sup>2</sup>

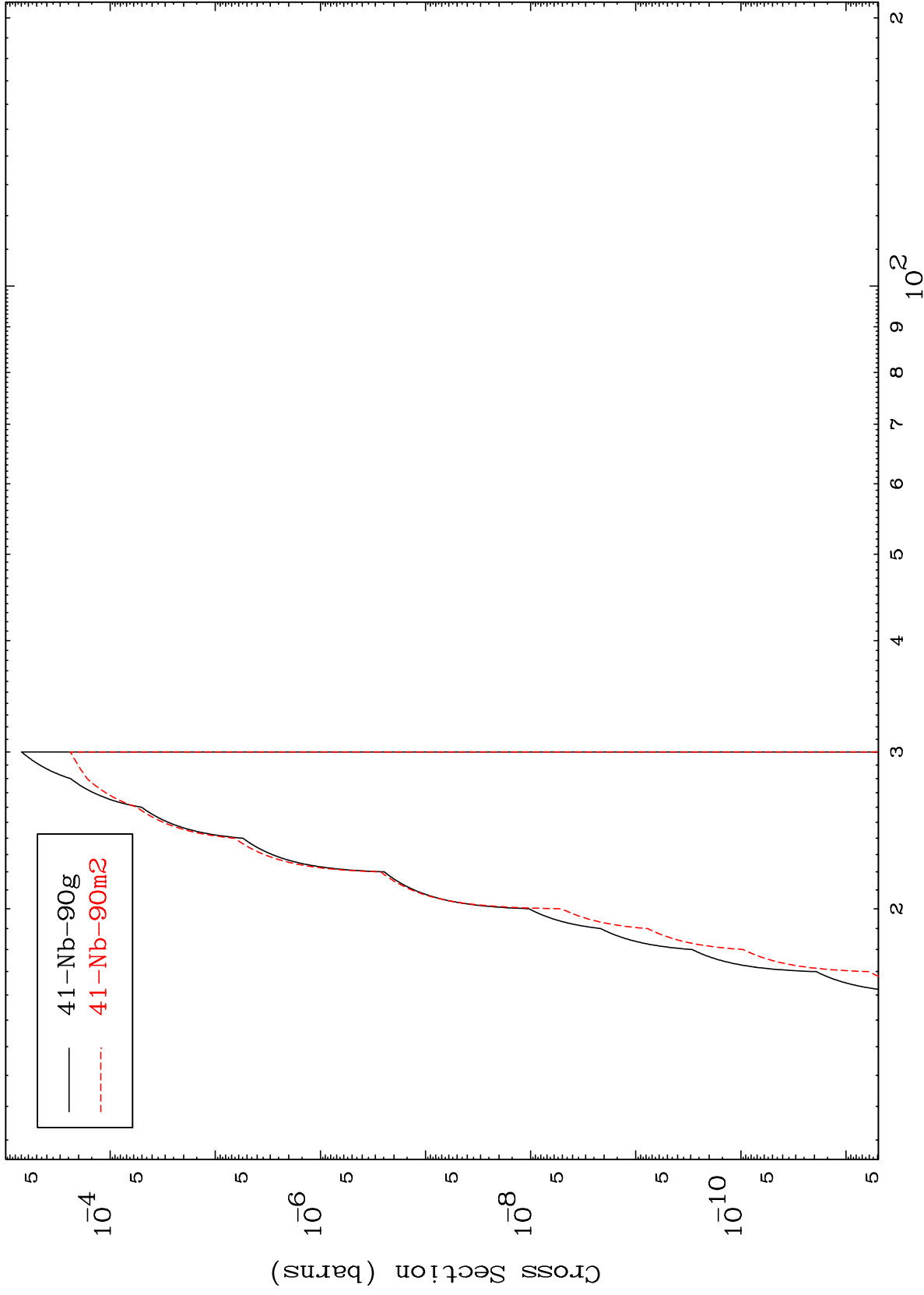
41-Nb-89m

MAT 4114

(n,He-3)

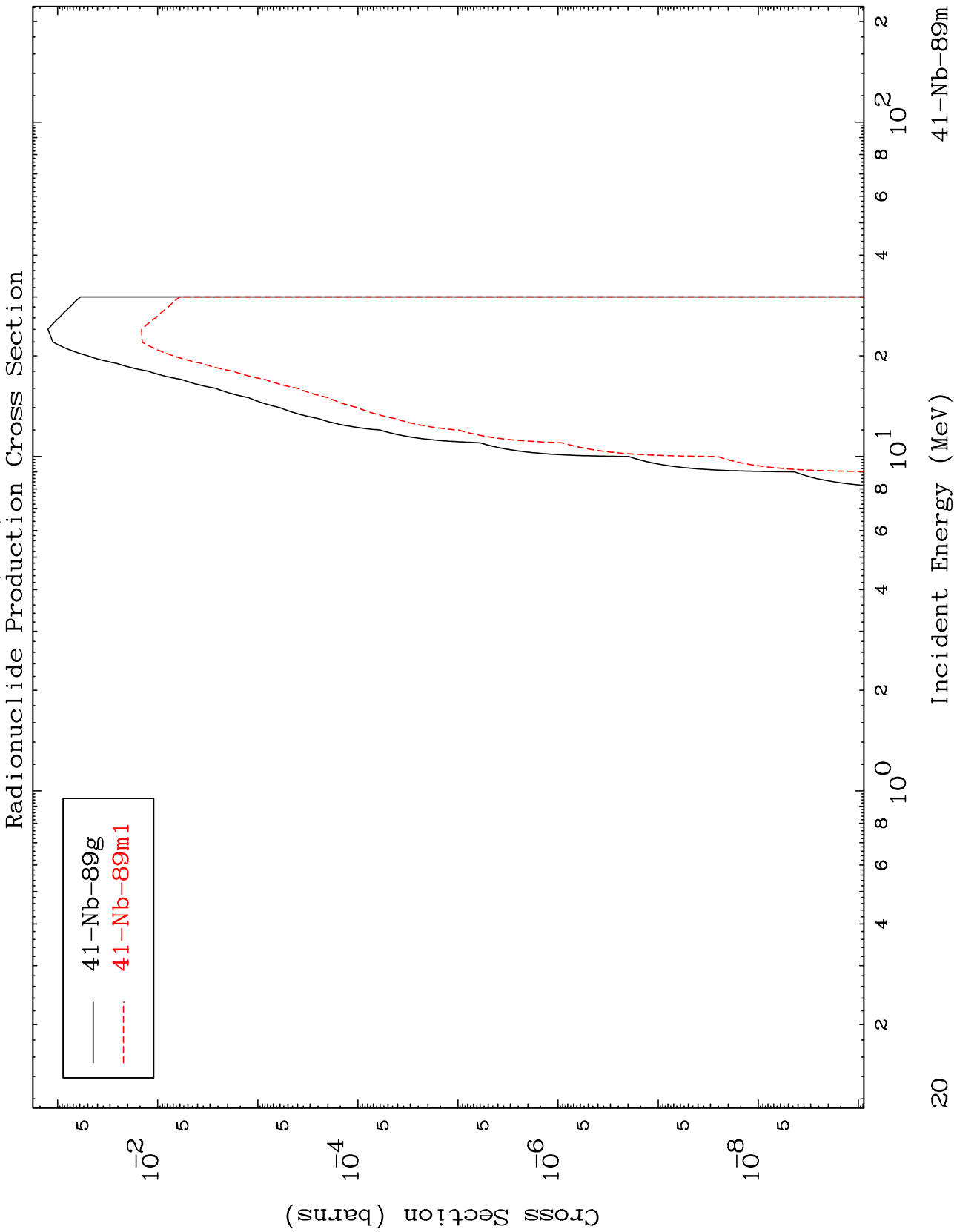
41-Nb-89m

Radionuclide Production Cross Section



MAT 4114

41-Nb-89m

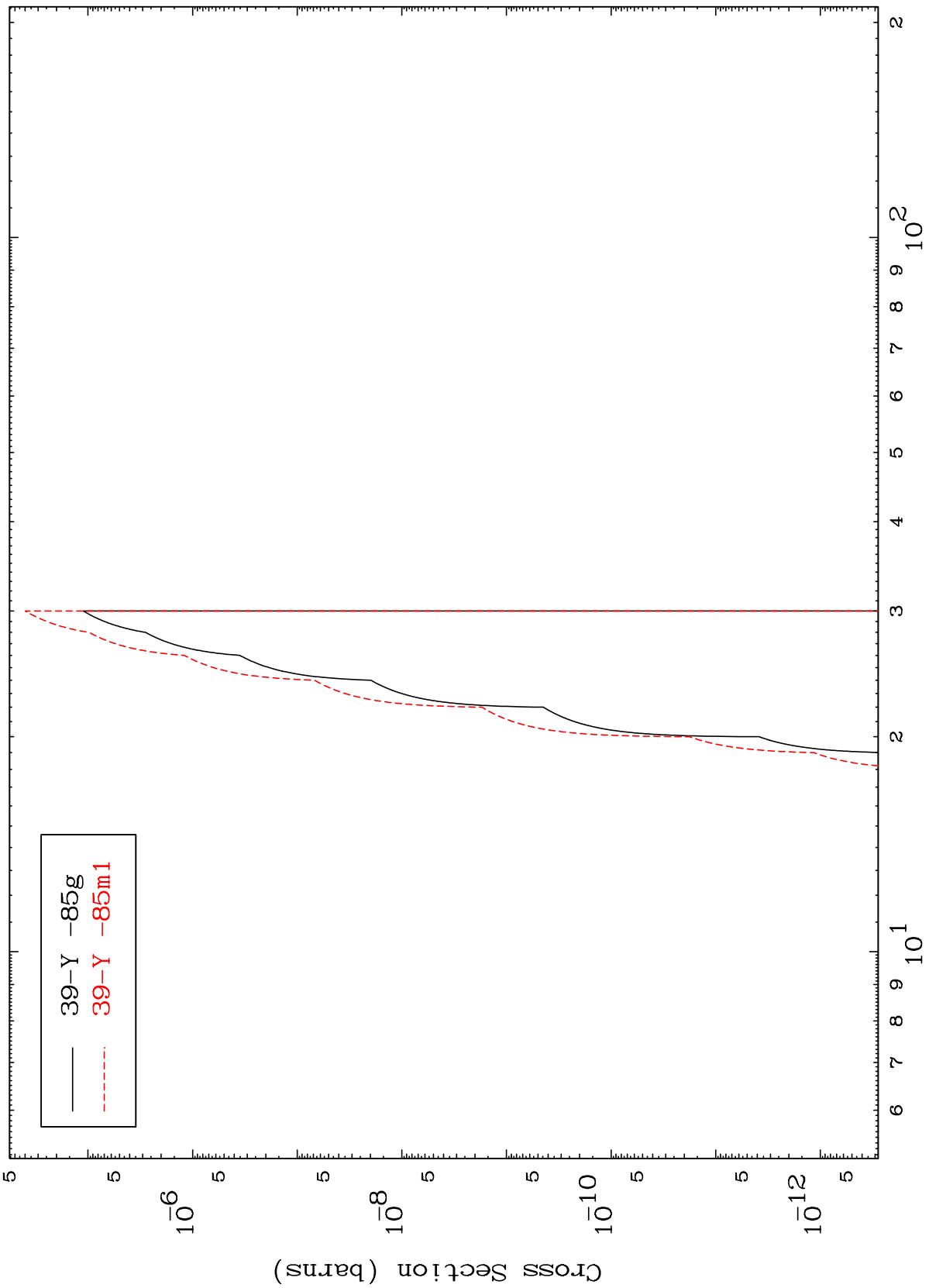


— 41-Nb-89g  
- - - 41-Nb-89m1

MAT 4114

41-Nb-89m

(n,2α)  
Radionuclide Production Cross Section



21

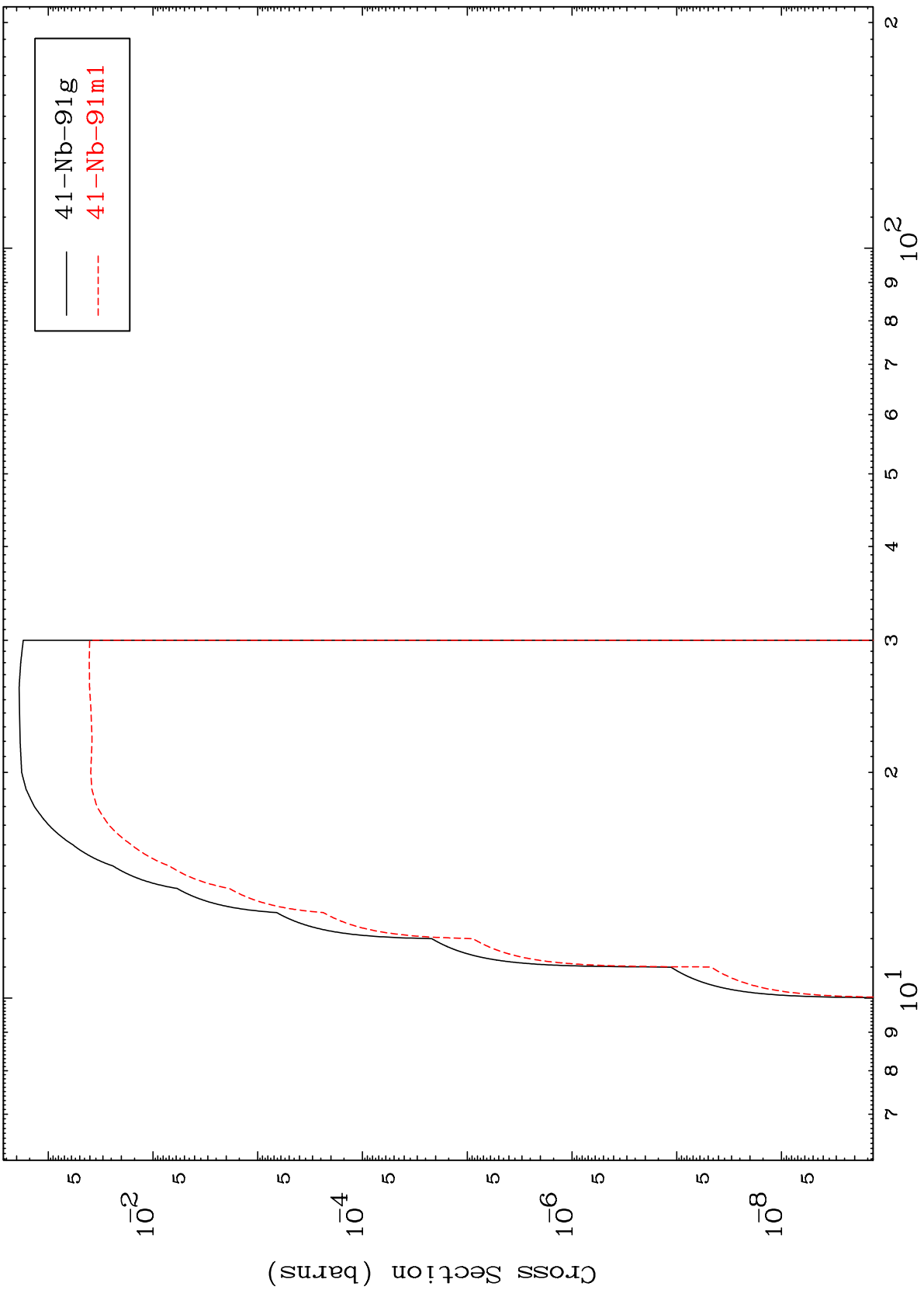
Incident Energy (MeV)

41-Nb-89m

MAT 4114

41-Nb-89m

(n,2p)  
Radionuclide Production Cross Section



22

Incident Energy (MeV)

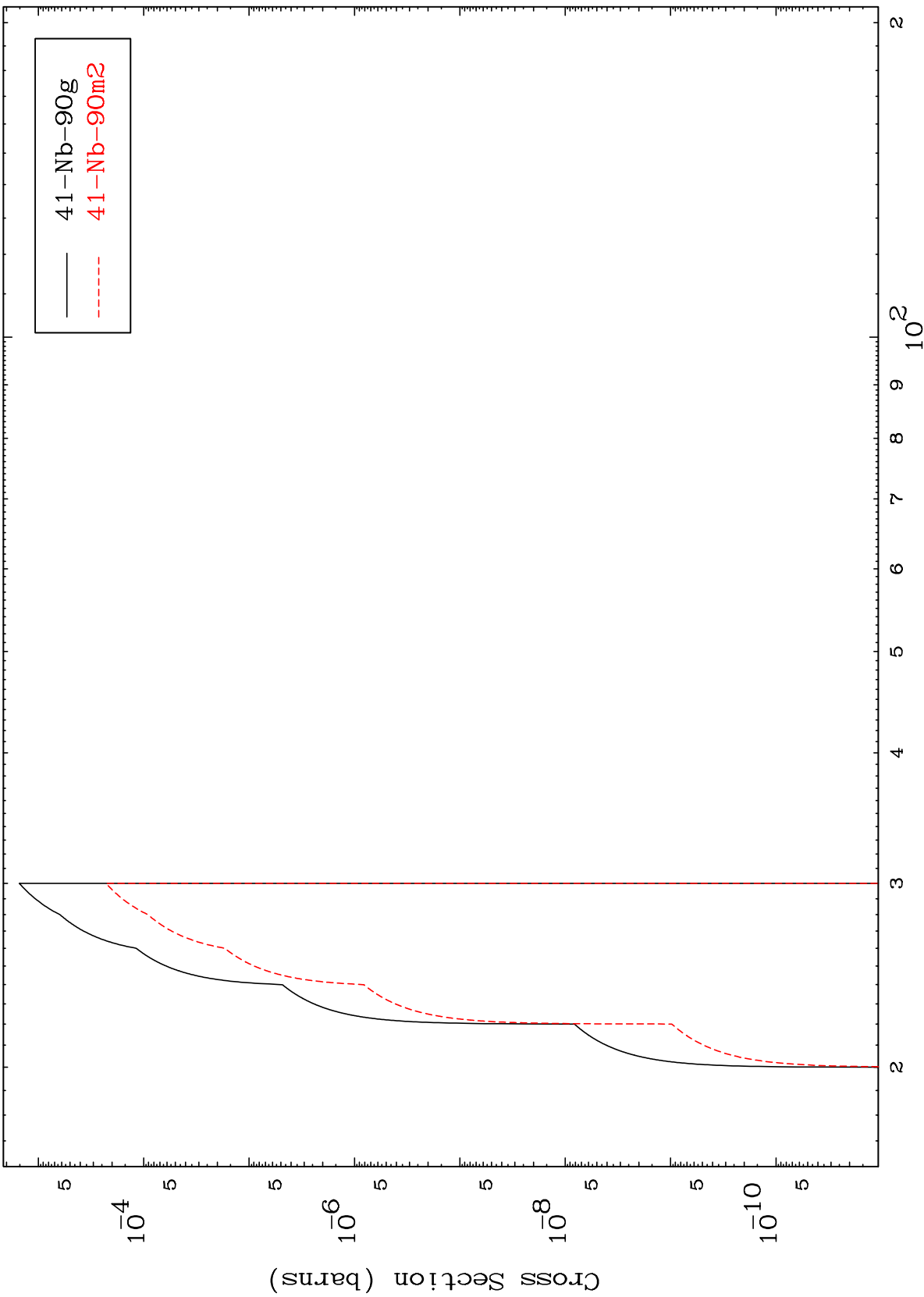
41-Nb-89m

MAT 4114

(n,p) d

41-Nb-89m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

41-Nb-89m

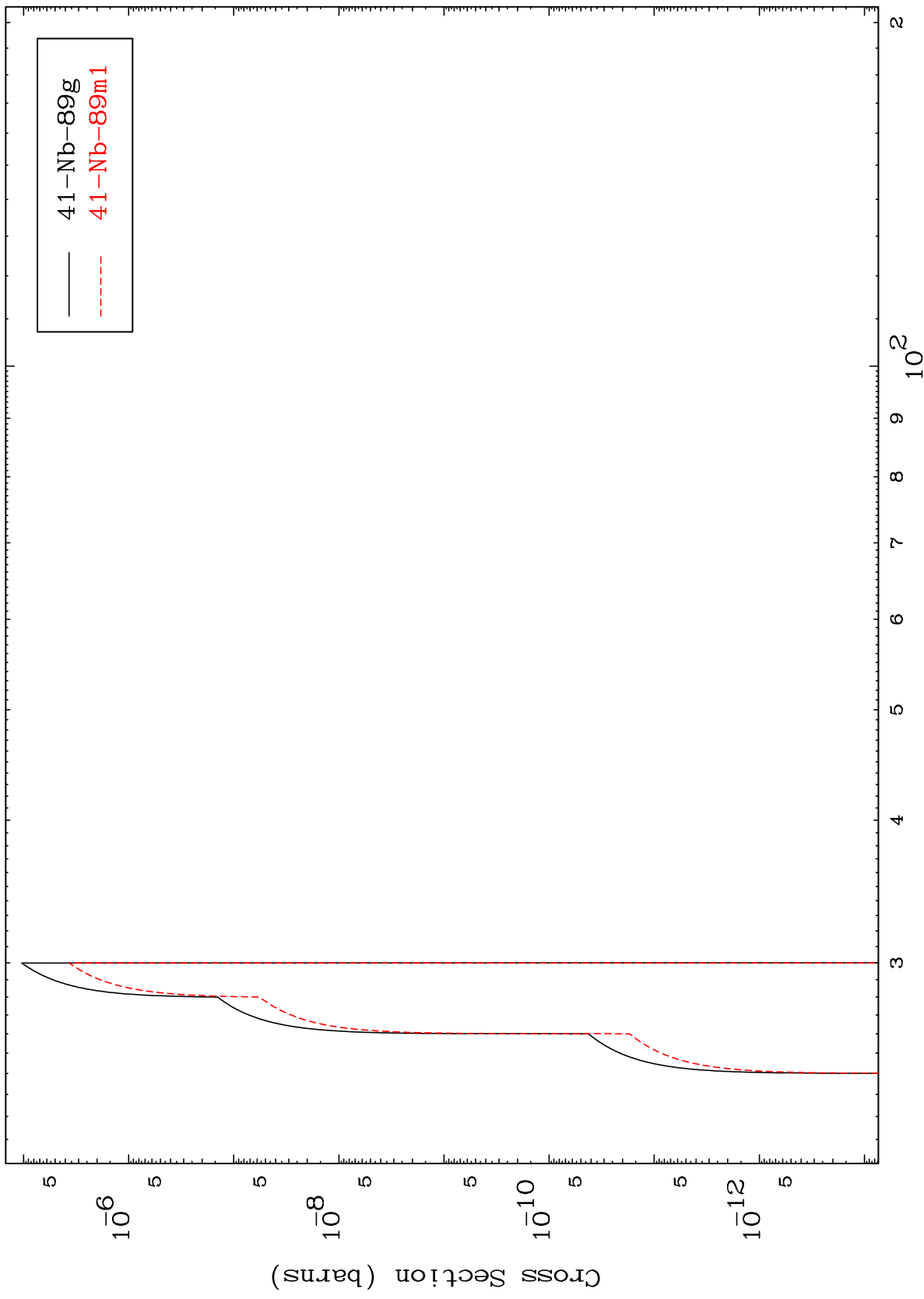


MAT 4114

(n,p) t

41-Nb-89m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

41-Nb-89m

MAT 4114

(n,d)  $\alpha$

41-Nb-89m

