

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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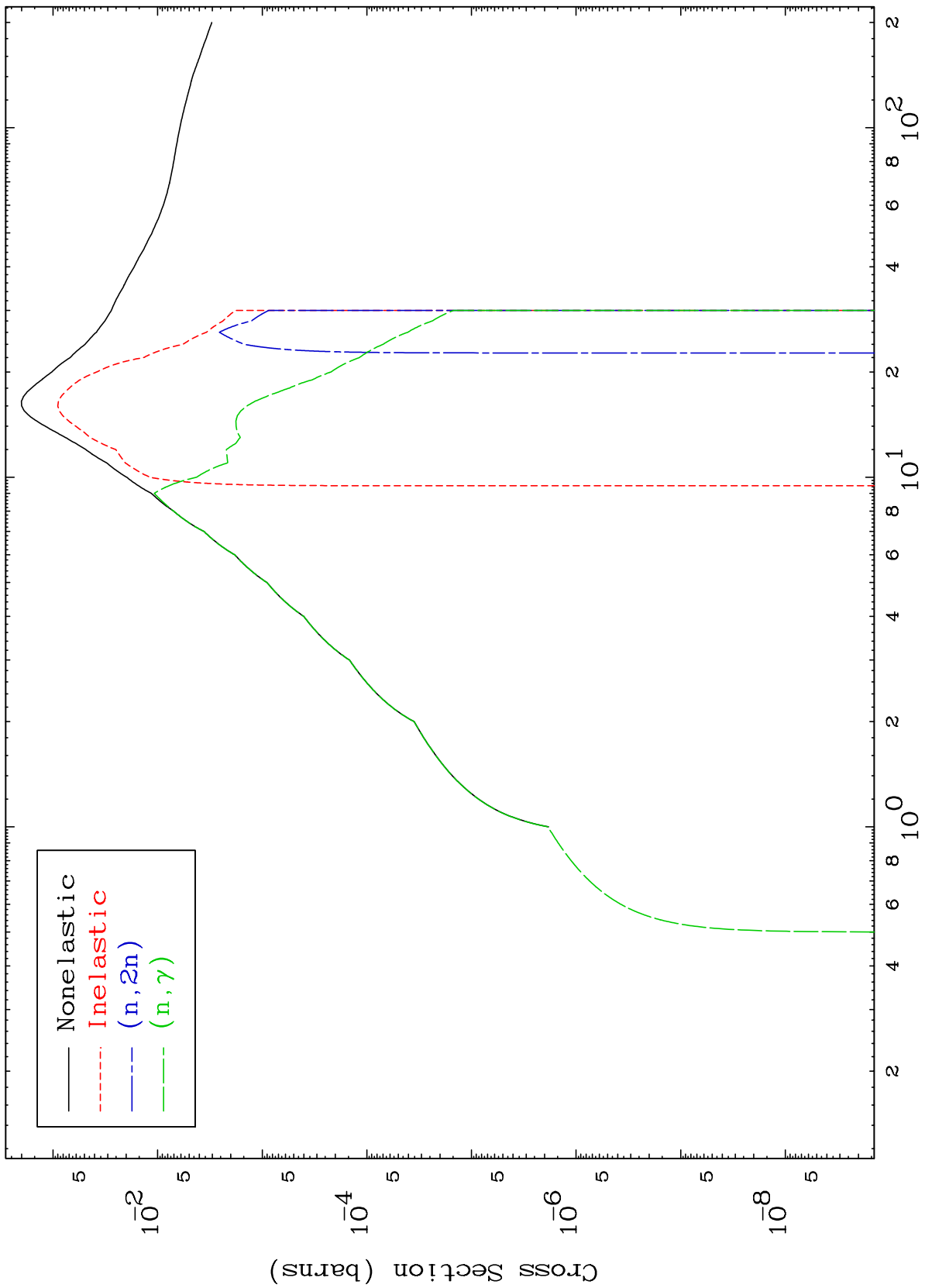
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4223

0 Kelvin Major  
Photon Cross Sections

42-Mo-91m

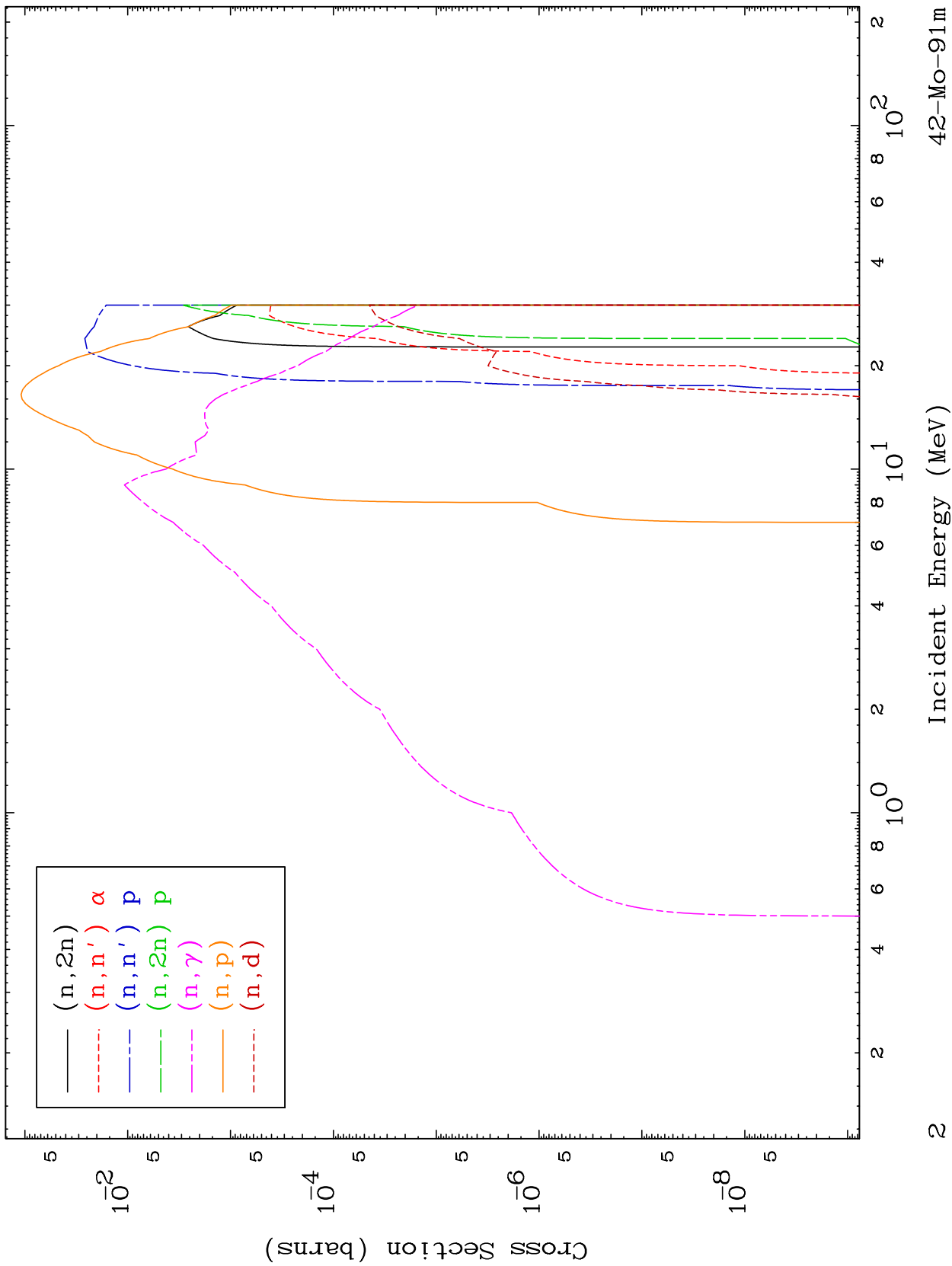


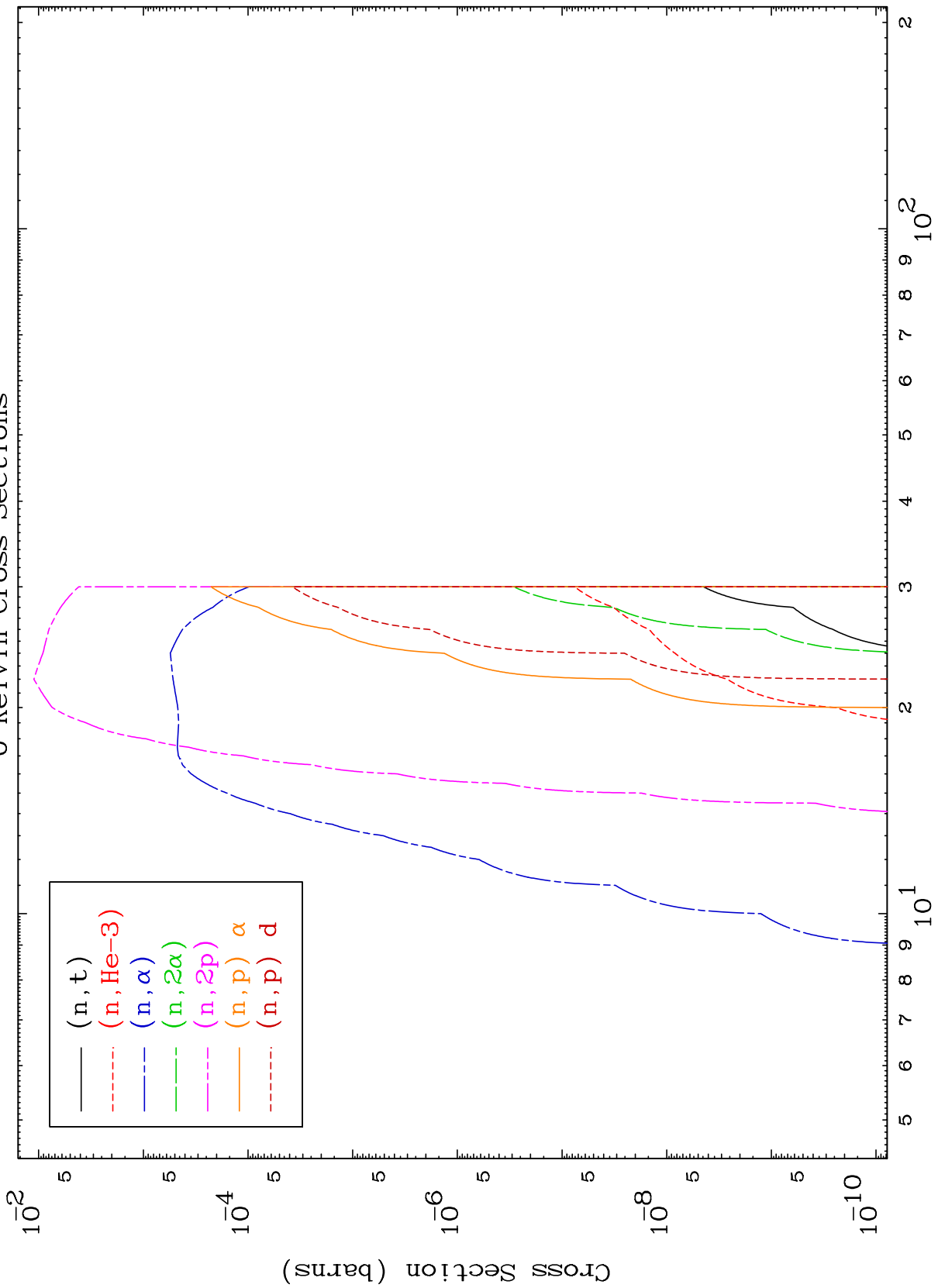
Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n, γ)

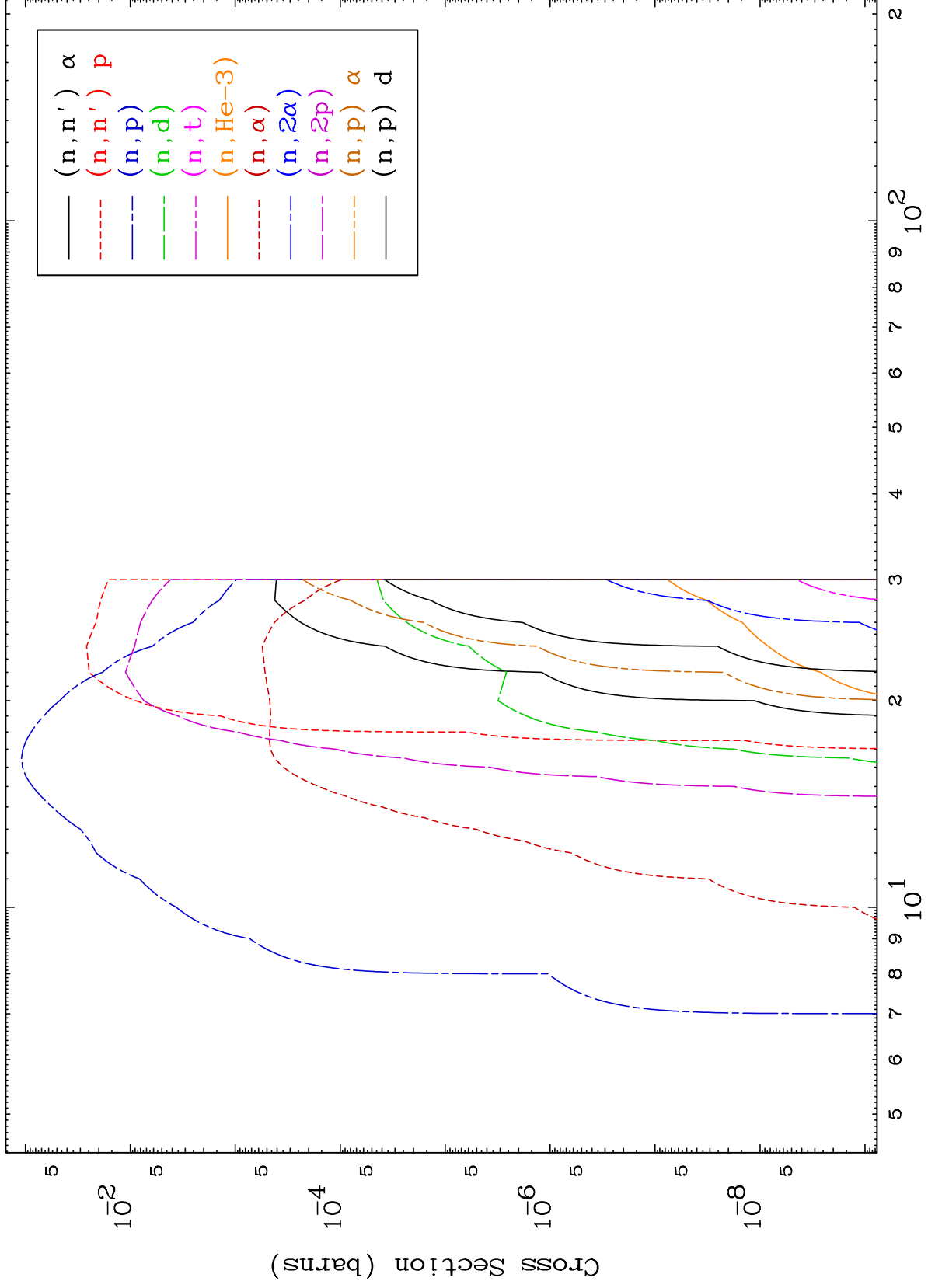
42-Mo-91m

Incident Energy (MeV)

1





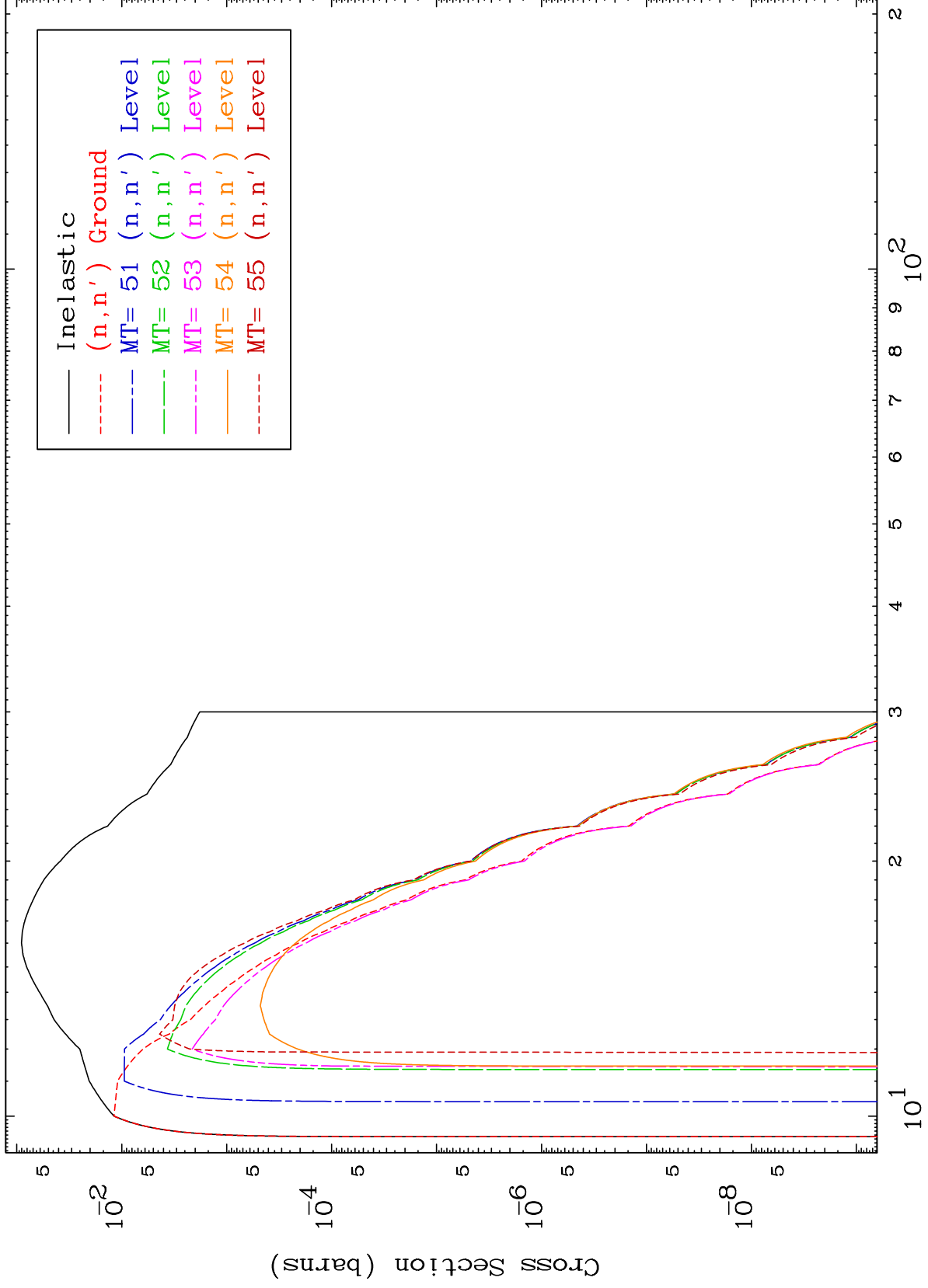


MAT 4223

( $\gamma, n'$ ) Levels

42-Mo-91m

0 Kelvin Cross Sections



Incident Energy (MeV)

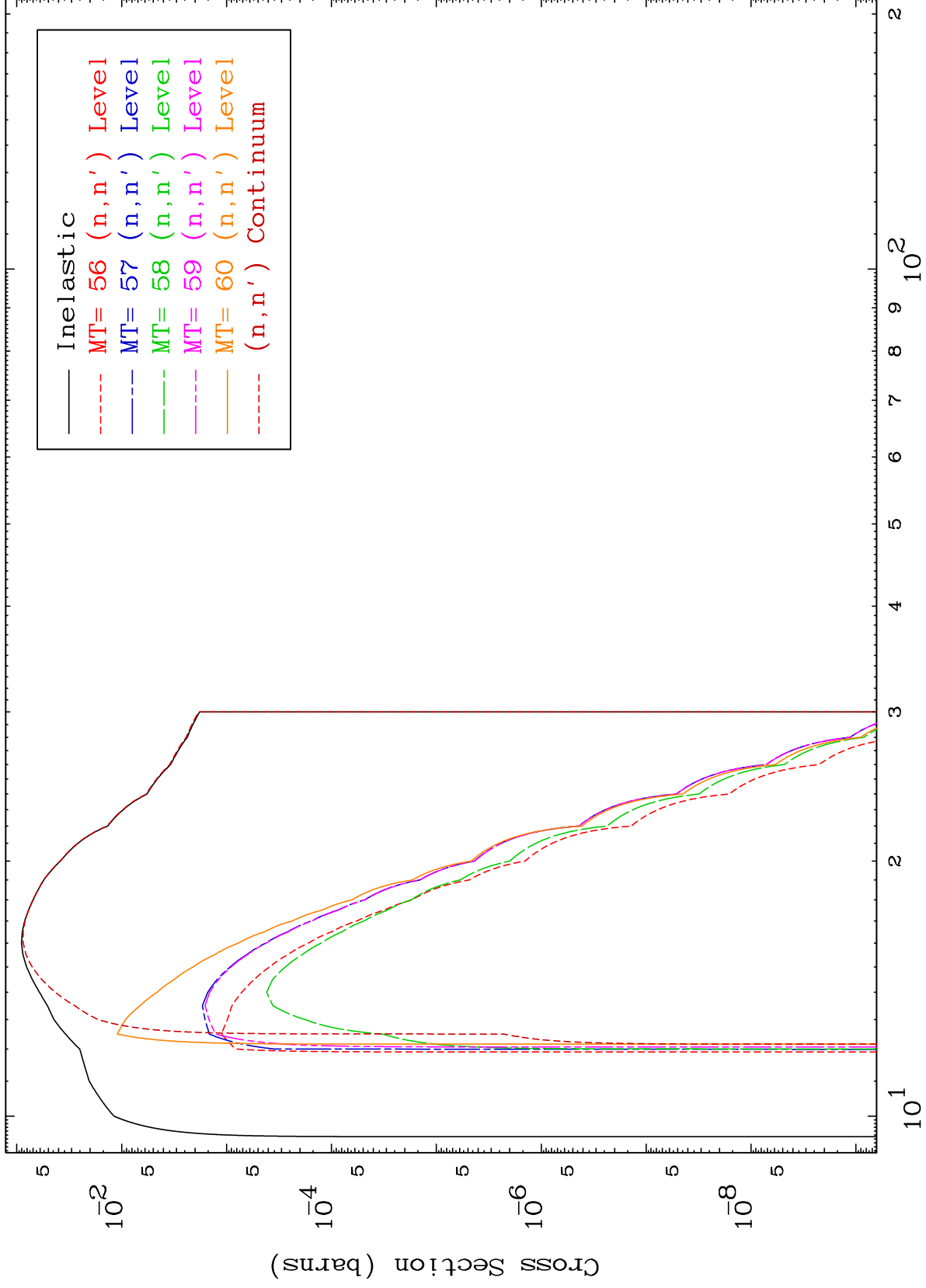
42-Mo-91m

MAT 4223

( $\gamma, n'$ ) Levels

42-Mo-91m

0 Kelvin Cross Sections



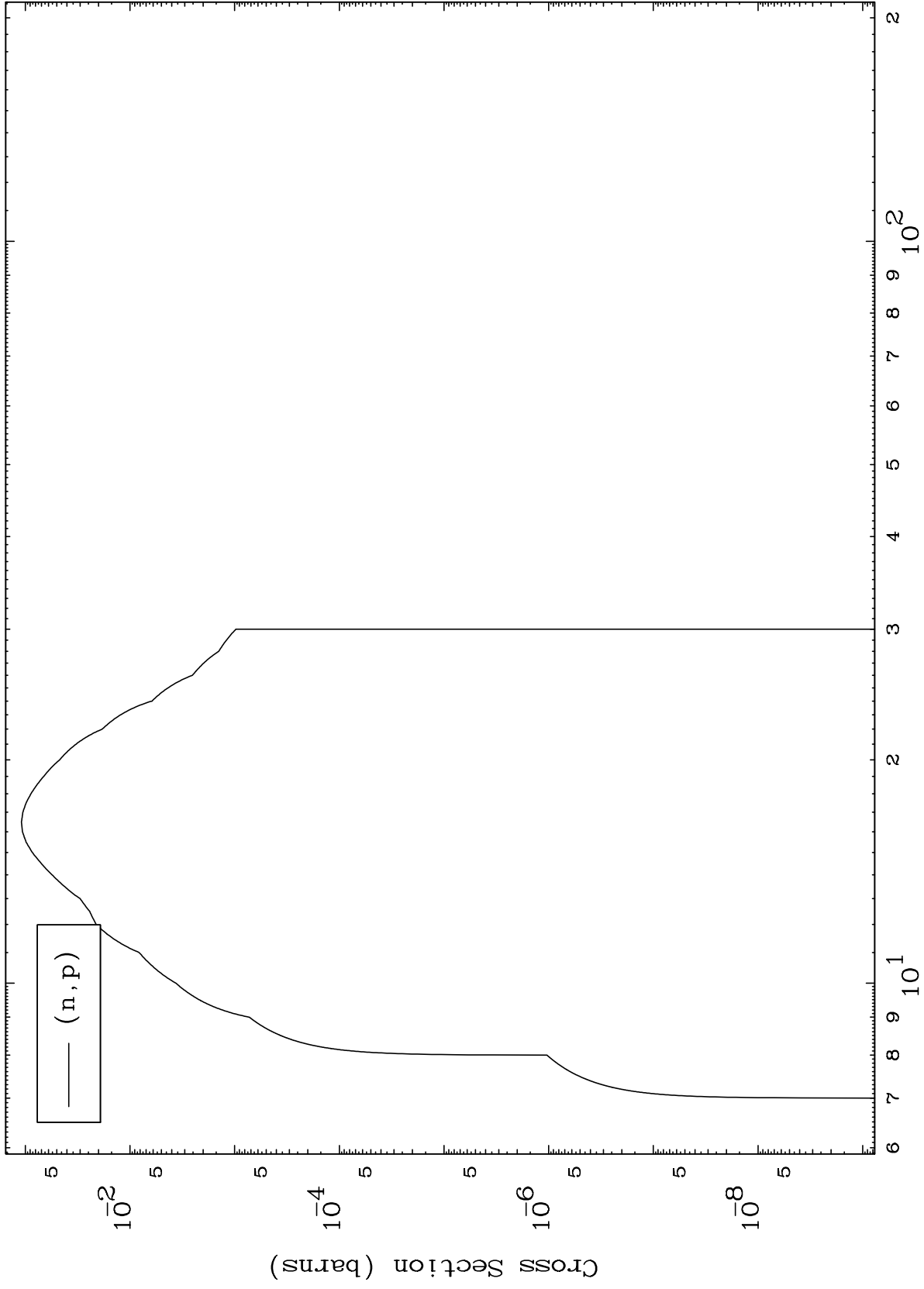
Incident Energy (MeV)

42-Mo-91m

MAT 4223

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

42-Mo-91m



7

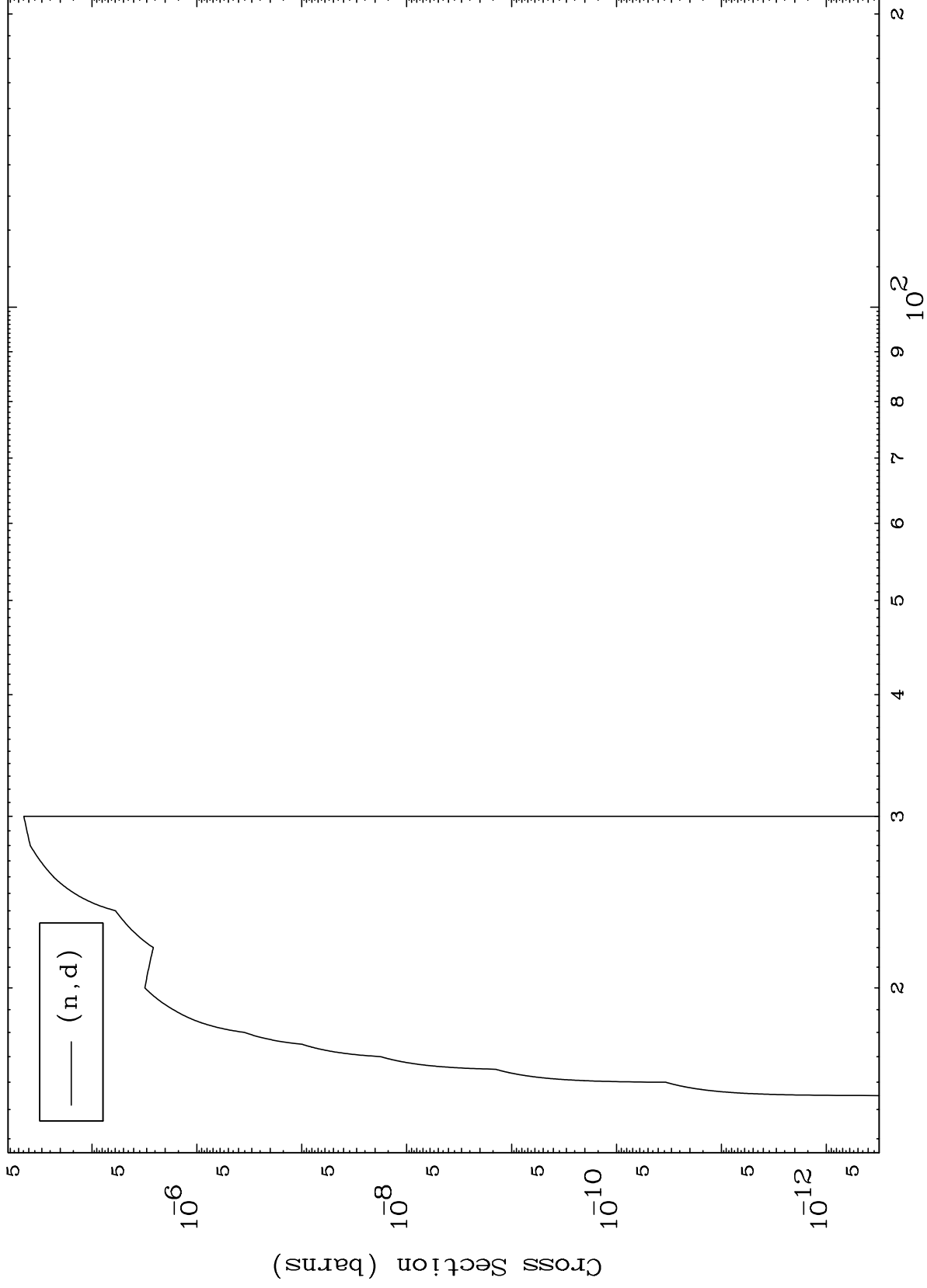
Incident Energy (MeV)

42-Mo-91m

MAT 4223

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

42-Mo-91m



8

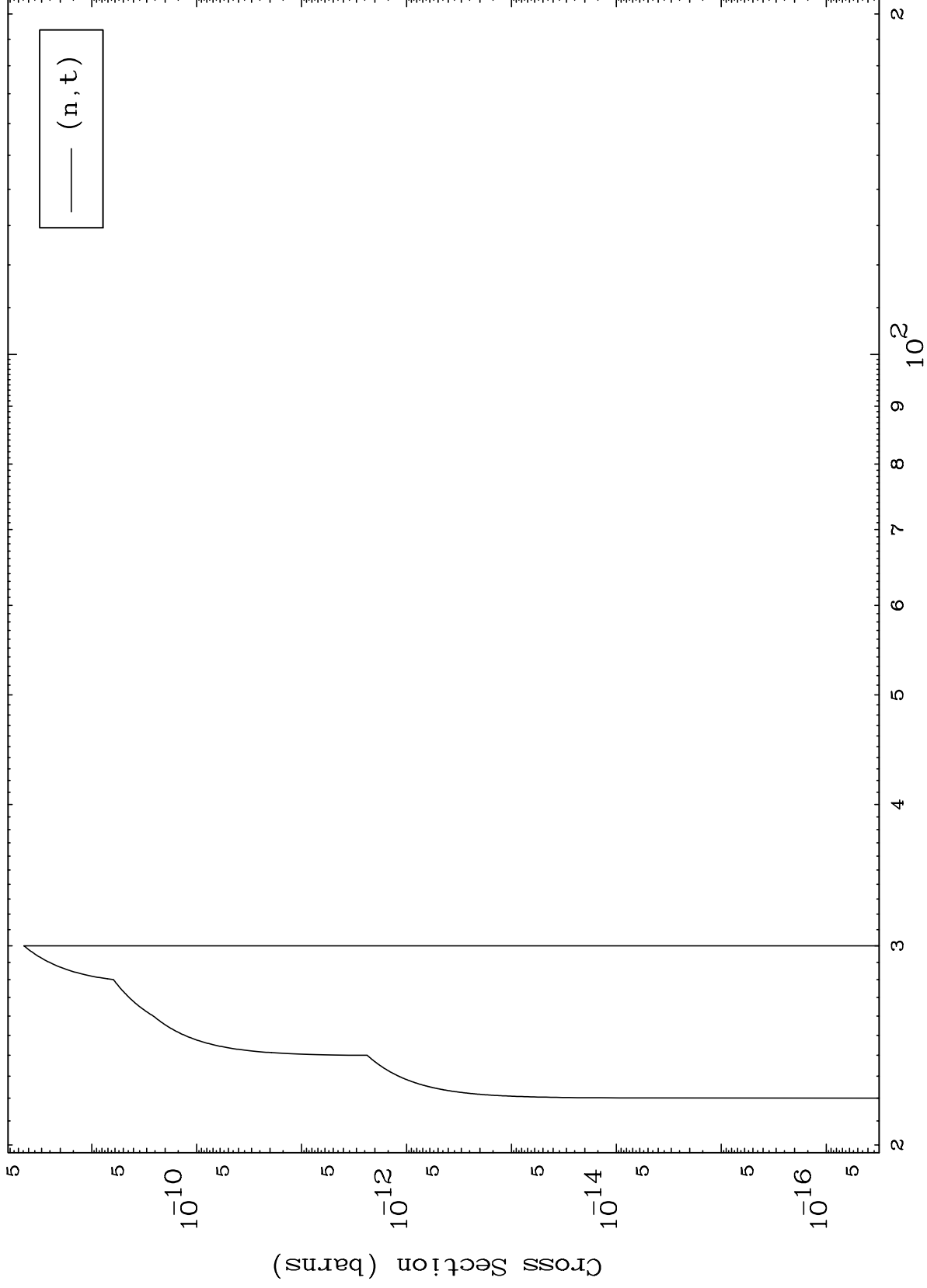
Incident Energy (MeV)

42-Mo-91m

MAT 4223

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

42-Mo-91m



9

Incident Energy (MeV)

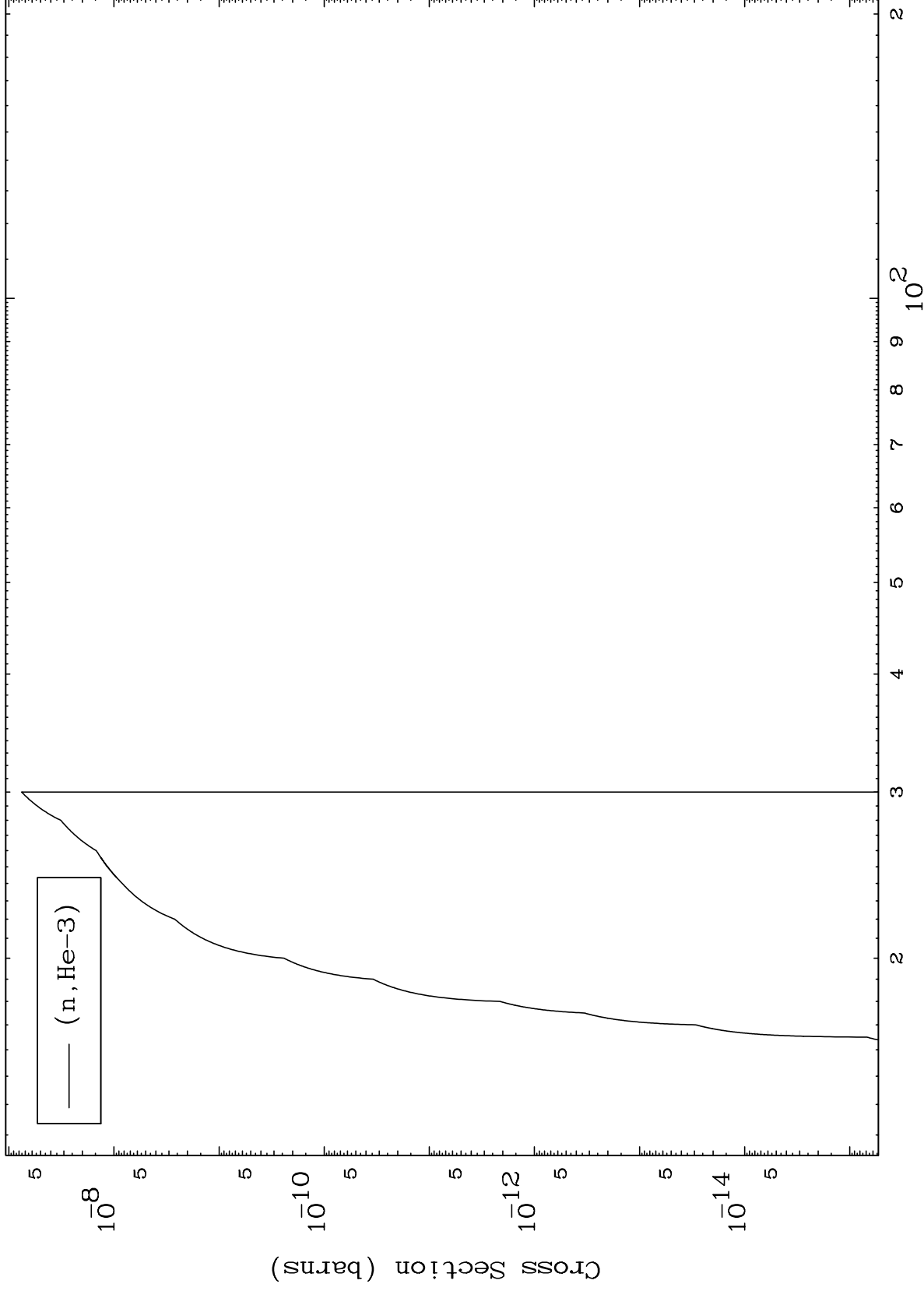
42-Mo-91m

MAT 4223

( $\gamma, \text{He}3$ ) Levels

42-Mo-91m

0 Kelvin Cross Sections



10

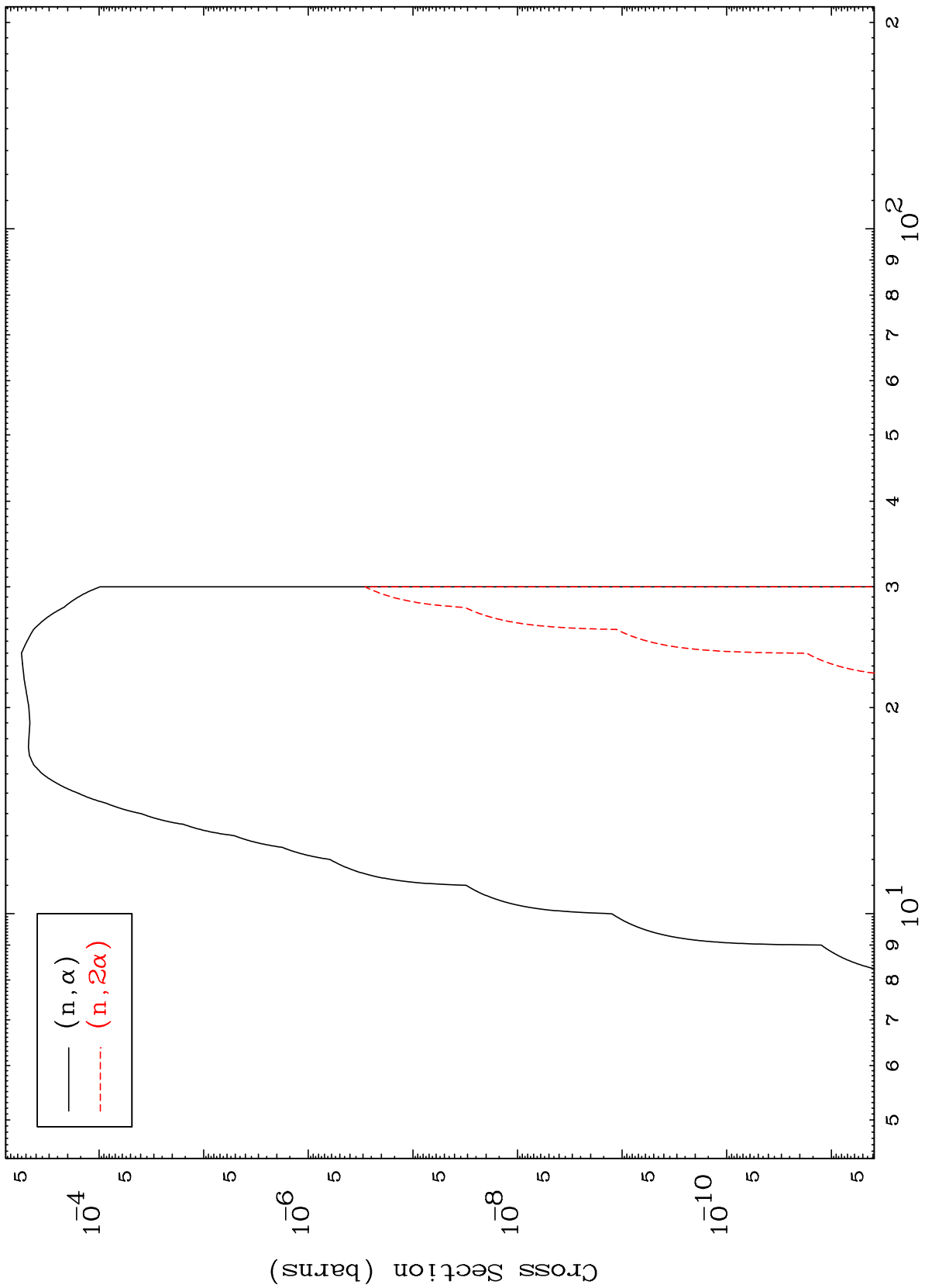
Incident Energy (MeV)

42-Mo-91m

MAT 4223

42-Mo-91m

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



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

42-Mo-91m

Incident Energy (MeV)

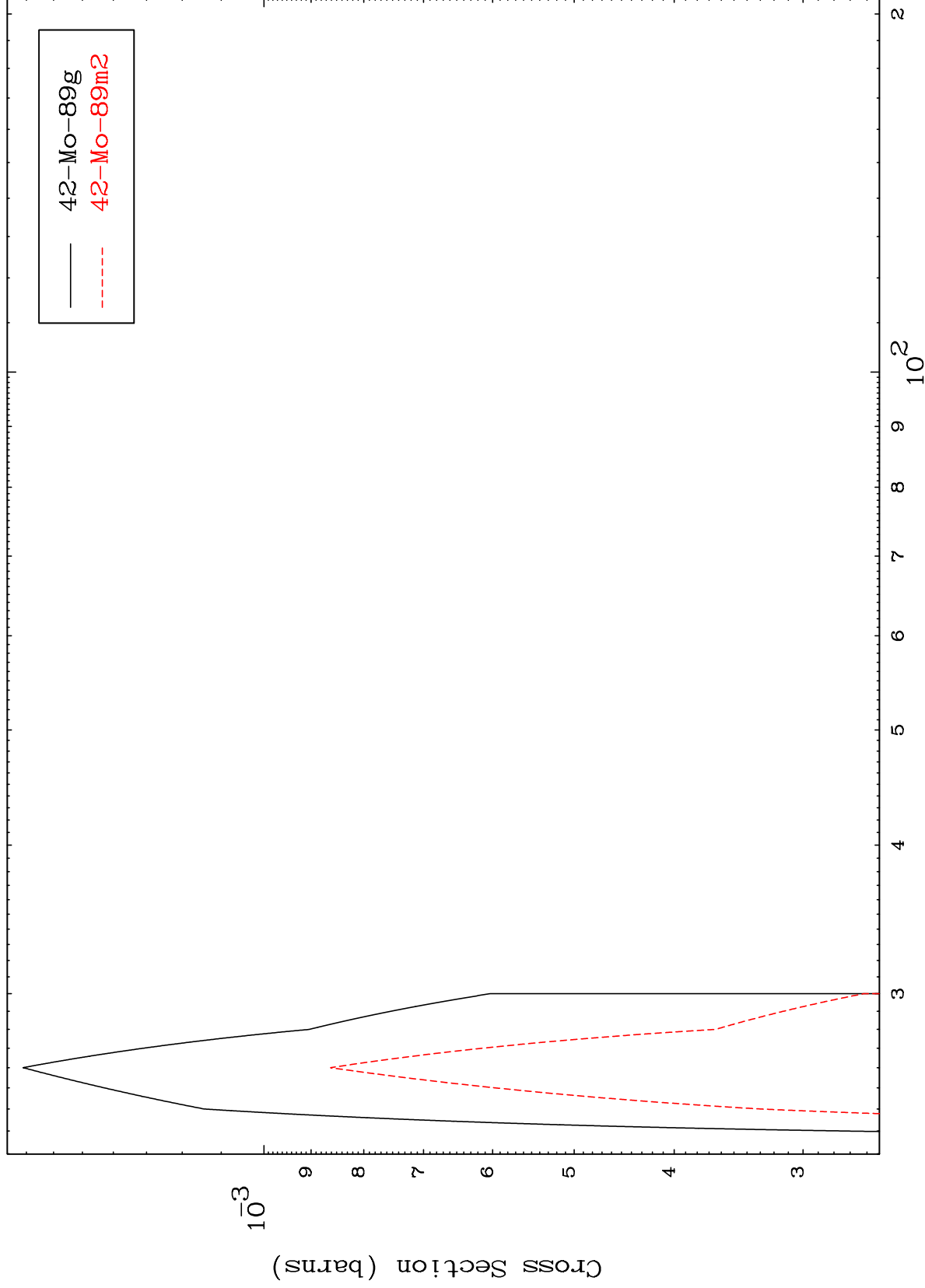
11

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(n,2n)

42-Mo-91m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

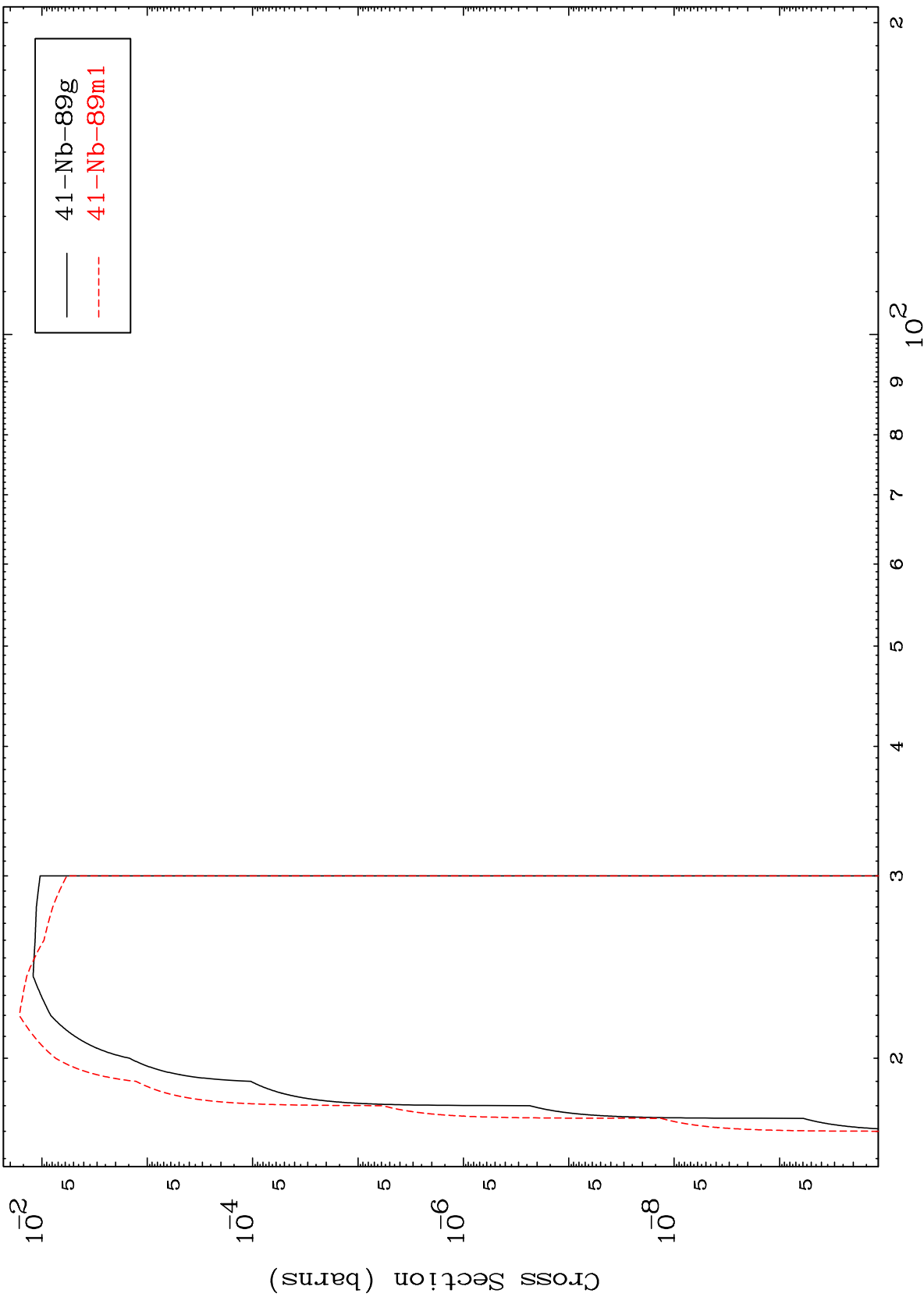
42-Mo-91m

MAT 4223

(n,n') p

42-Mo-91m

Radionuclide Production Cross Section



13

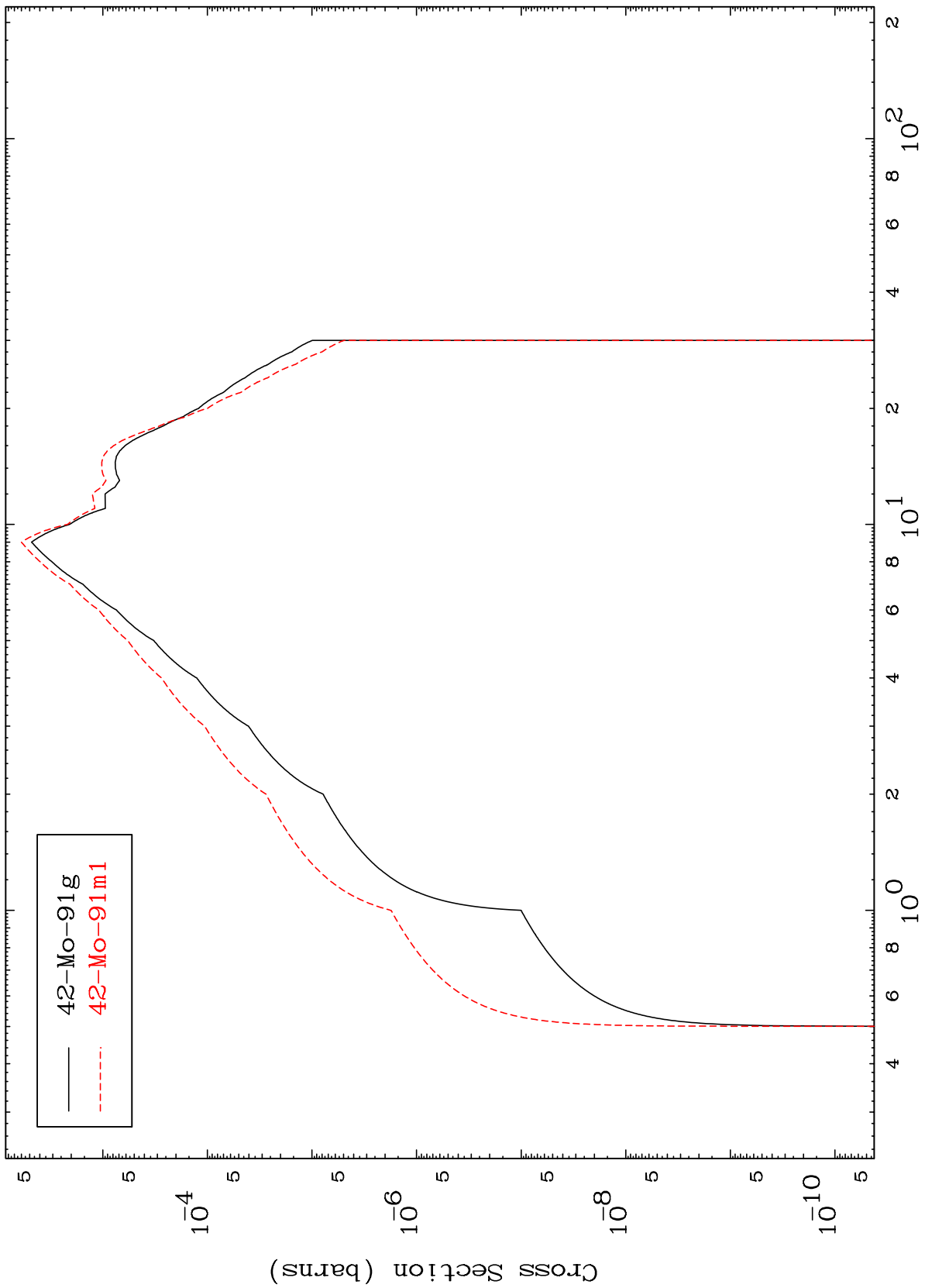
Incident Energy (MeV)

42-Mo-91m

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42-Mo-91m

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



14

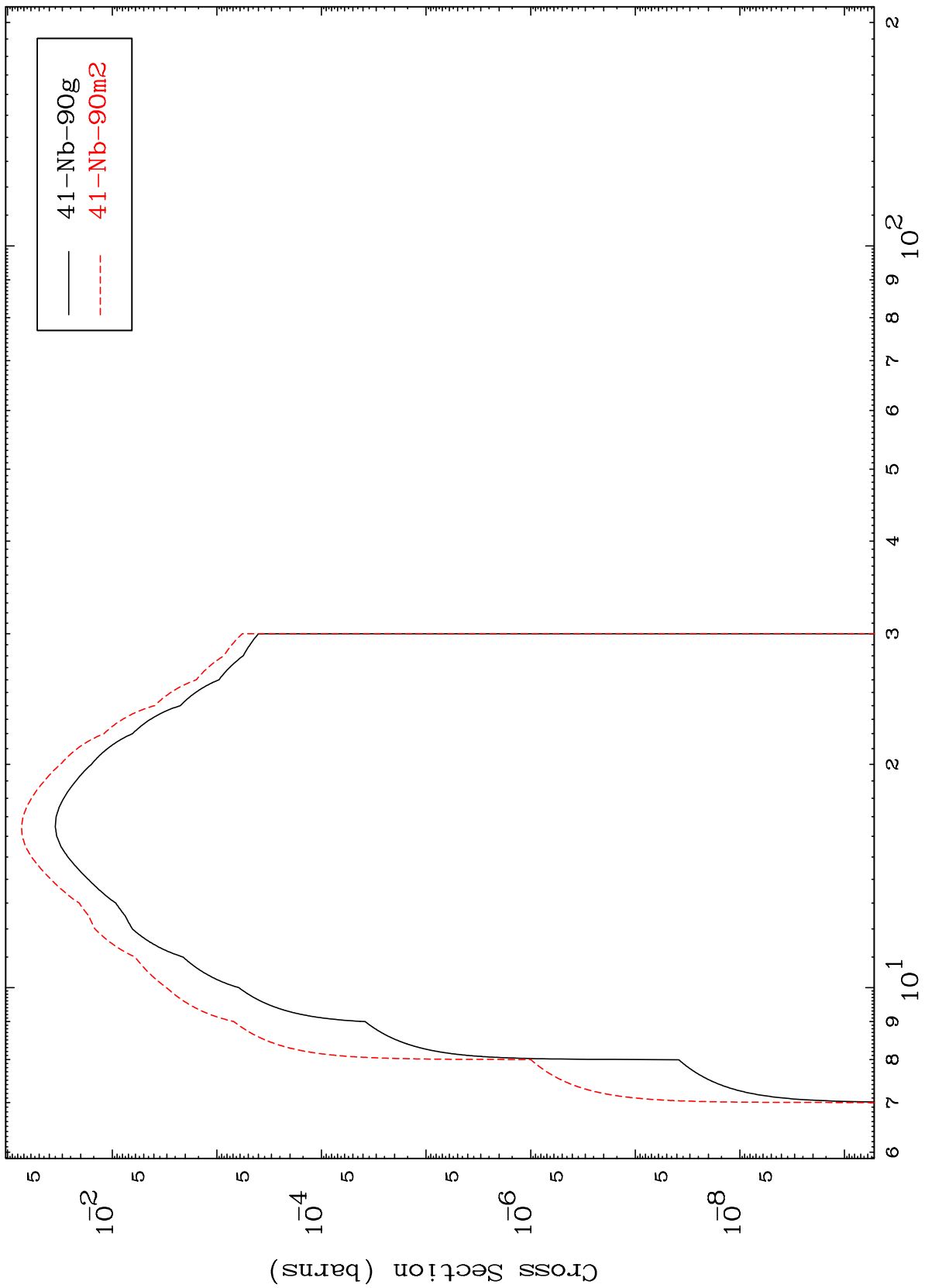
Incident Energy (MeV)

42-Mo-91m

MAT 4223

42-Mo-91m

(n,p)  
Radionuclide Production Cross Section



42-Mo-91m

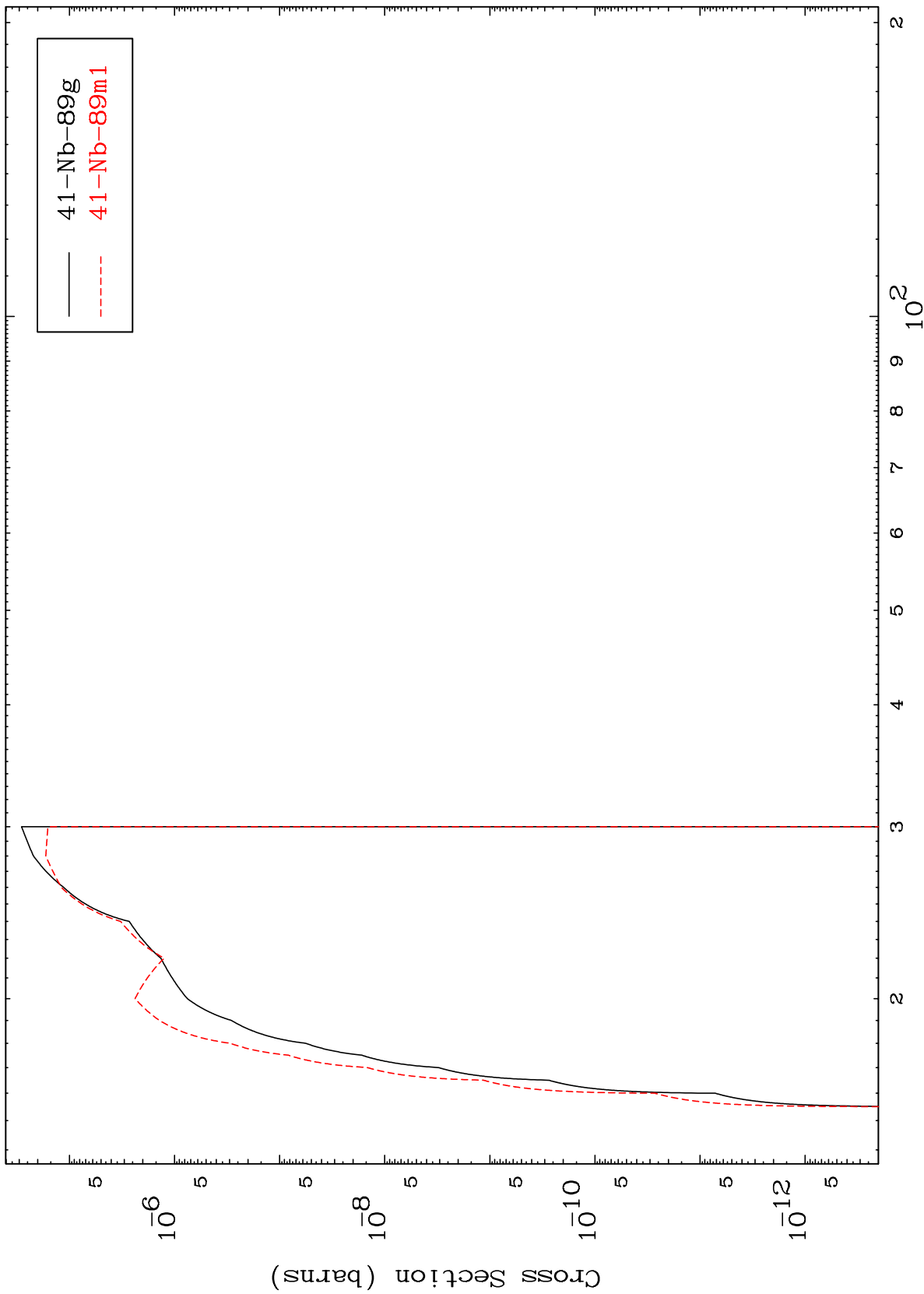
Incident Energy (MeV)

15

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42-Mo-91m

(n,d)  
Radionuclide Production Cross Section

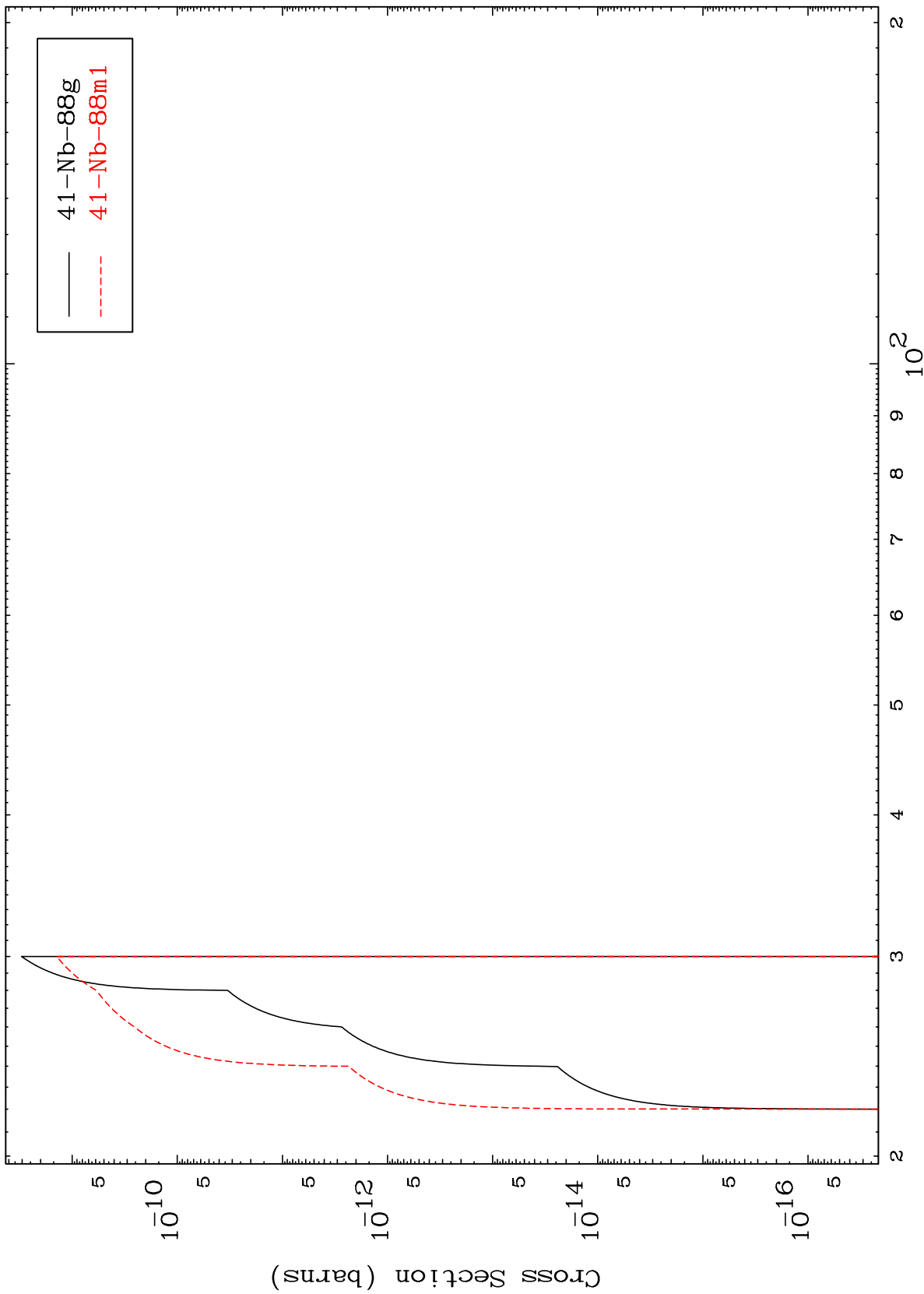


16

Incident Energy (MeV)

42-Mo-91m

(n, t)  
Radionuclide Production Cross Section

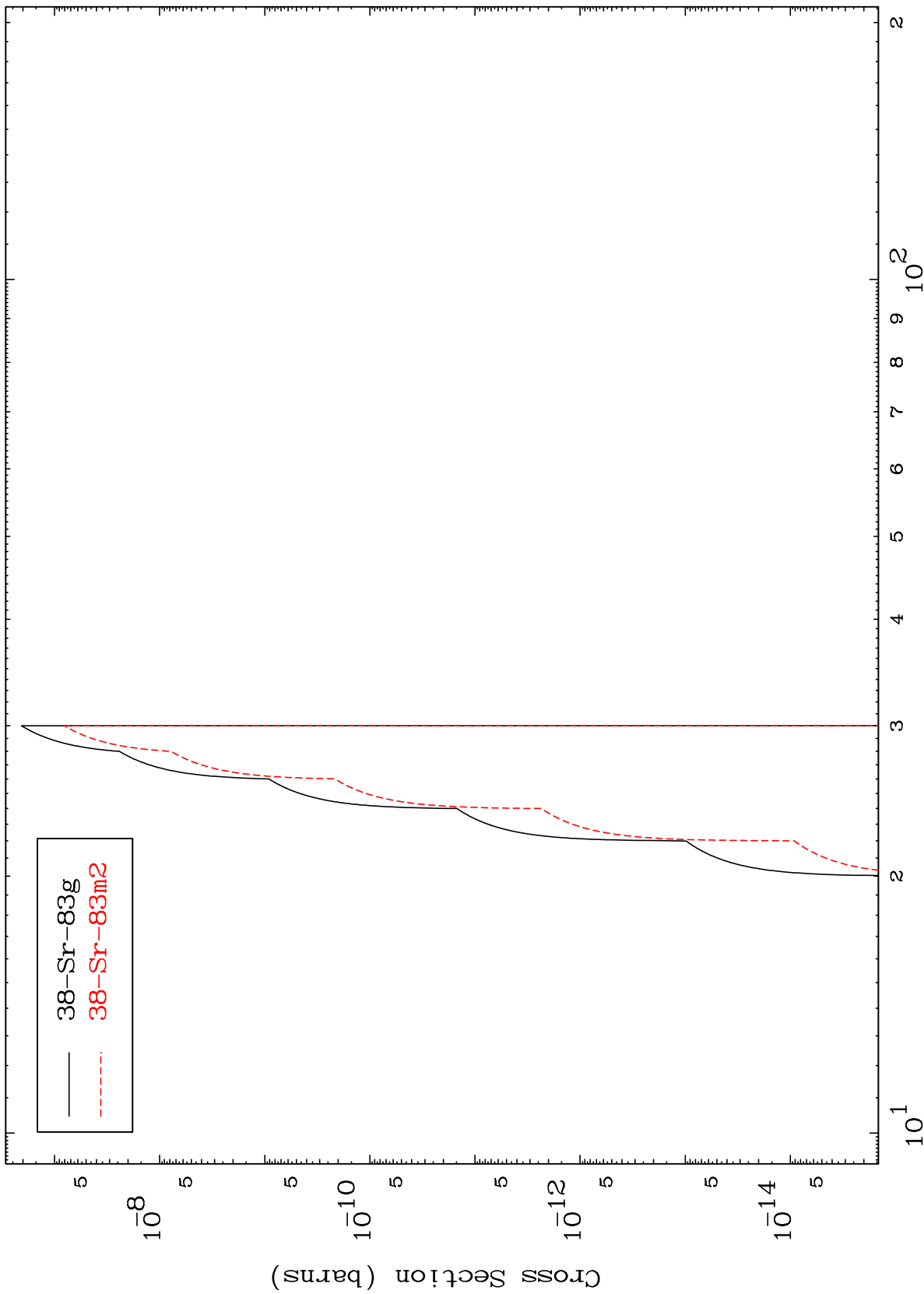




MAT 4223

42-Mo-91m

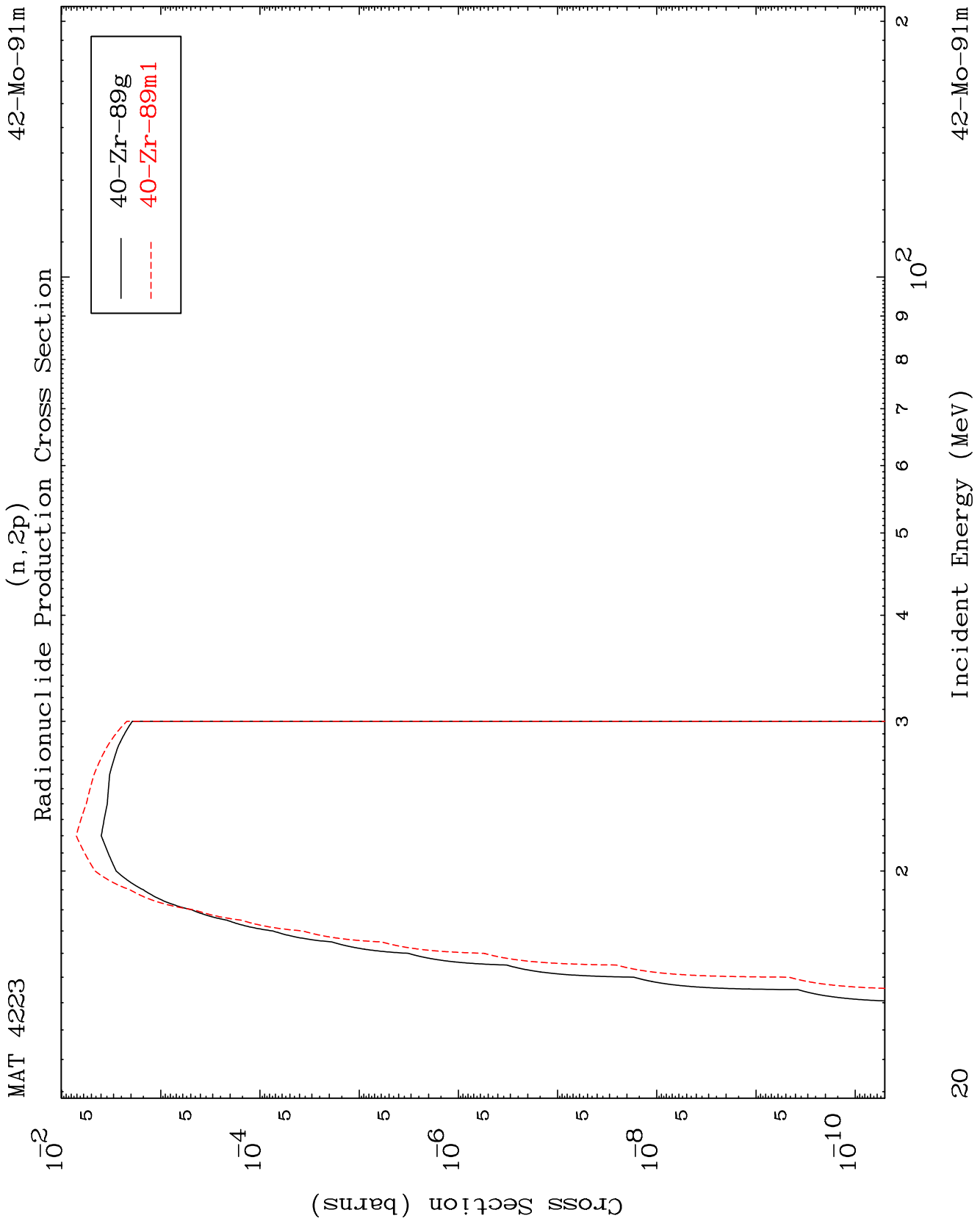
Radionuclide Production Cross Section  
(n,2α)



42-Mo-91m

Incident Energy (MeV)

19

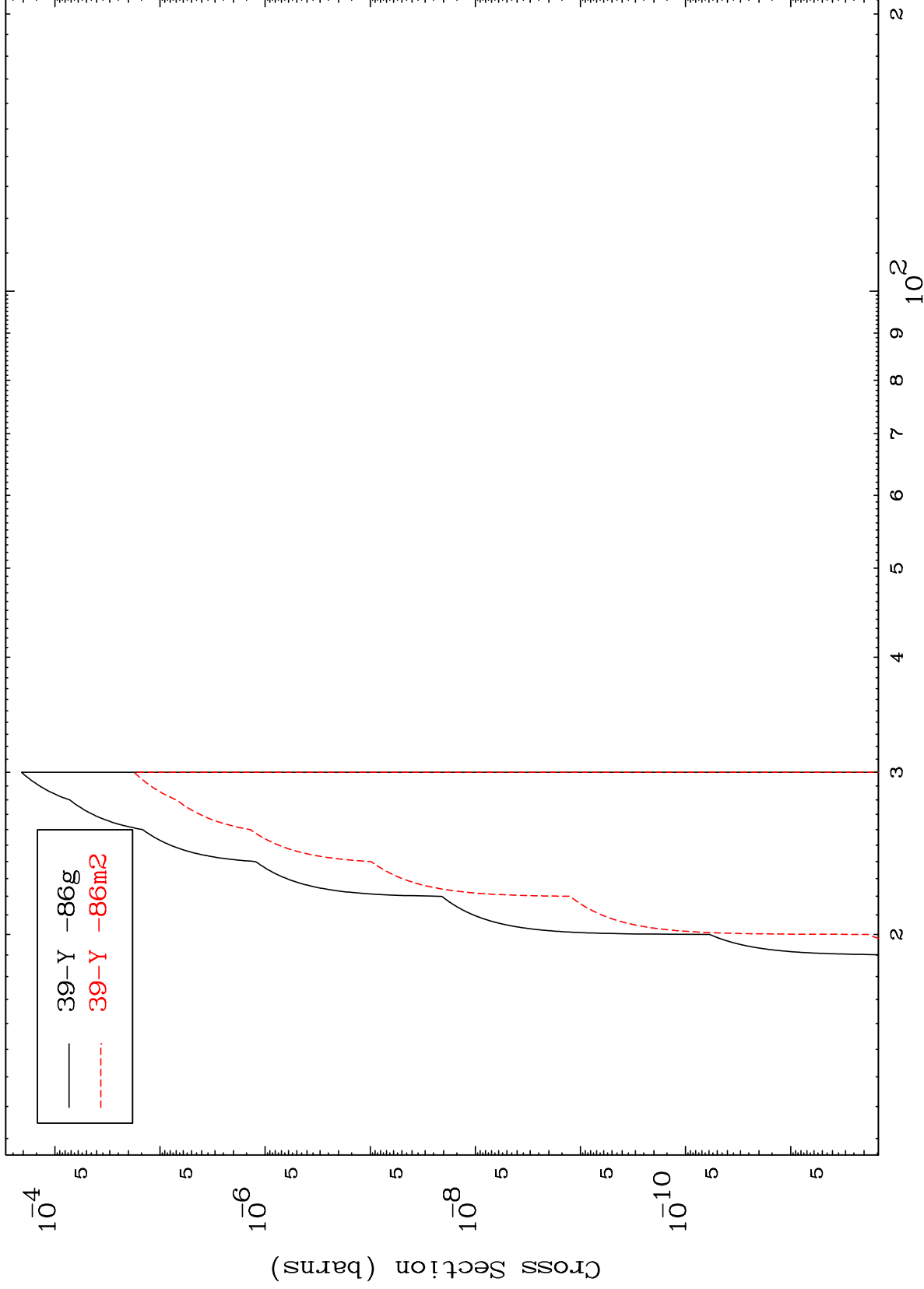


MAT 4223

(n,p)  $\alpha$

42-Mo-91m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

42-Mo-91m