

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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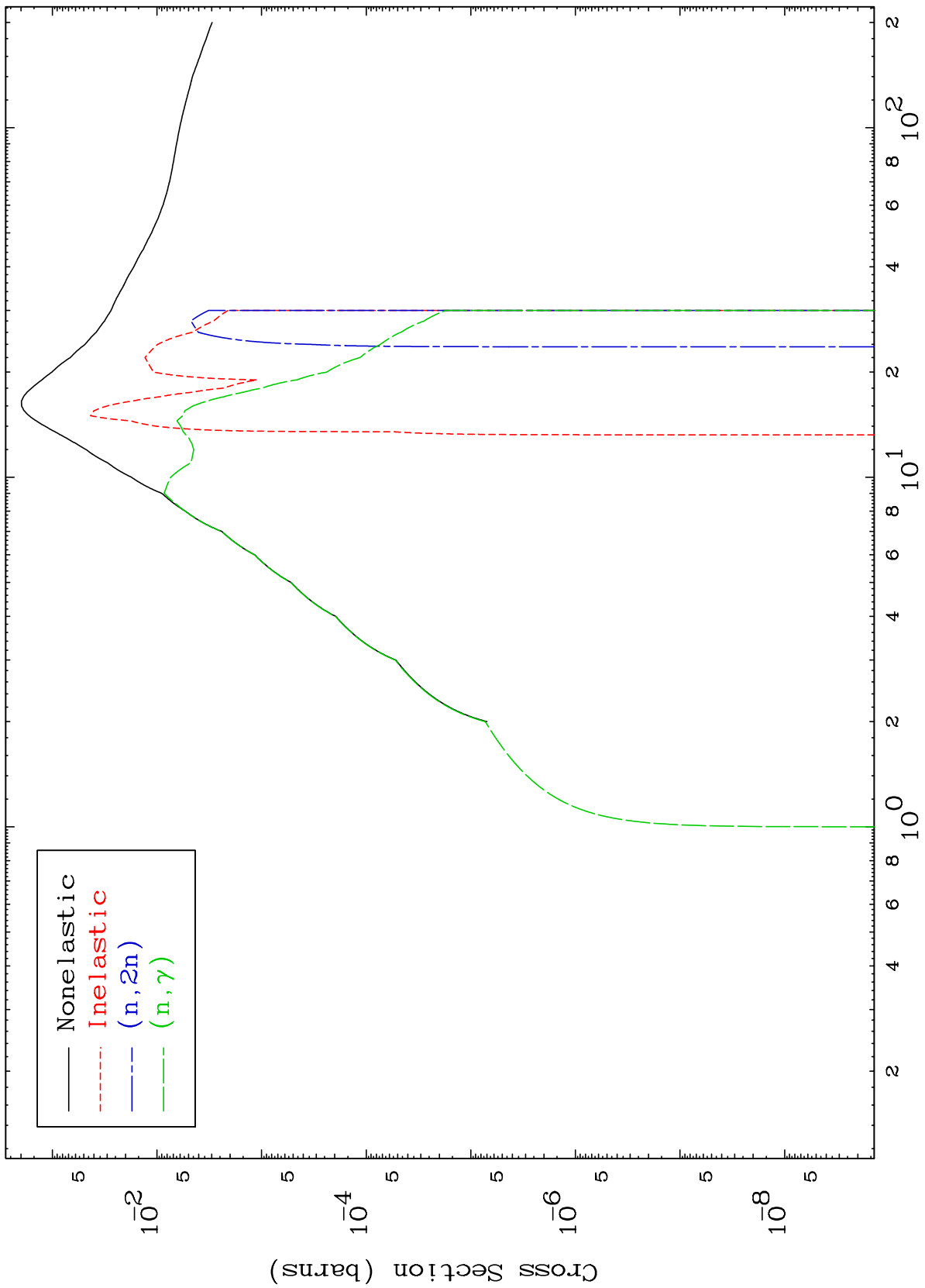
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4219

Photon Major  
0 Kelvin Cross Sections

42-Mo-90

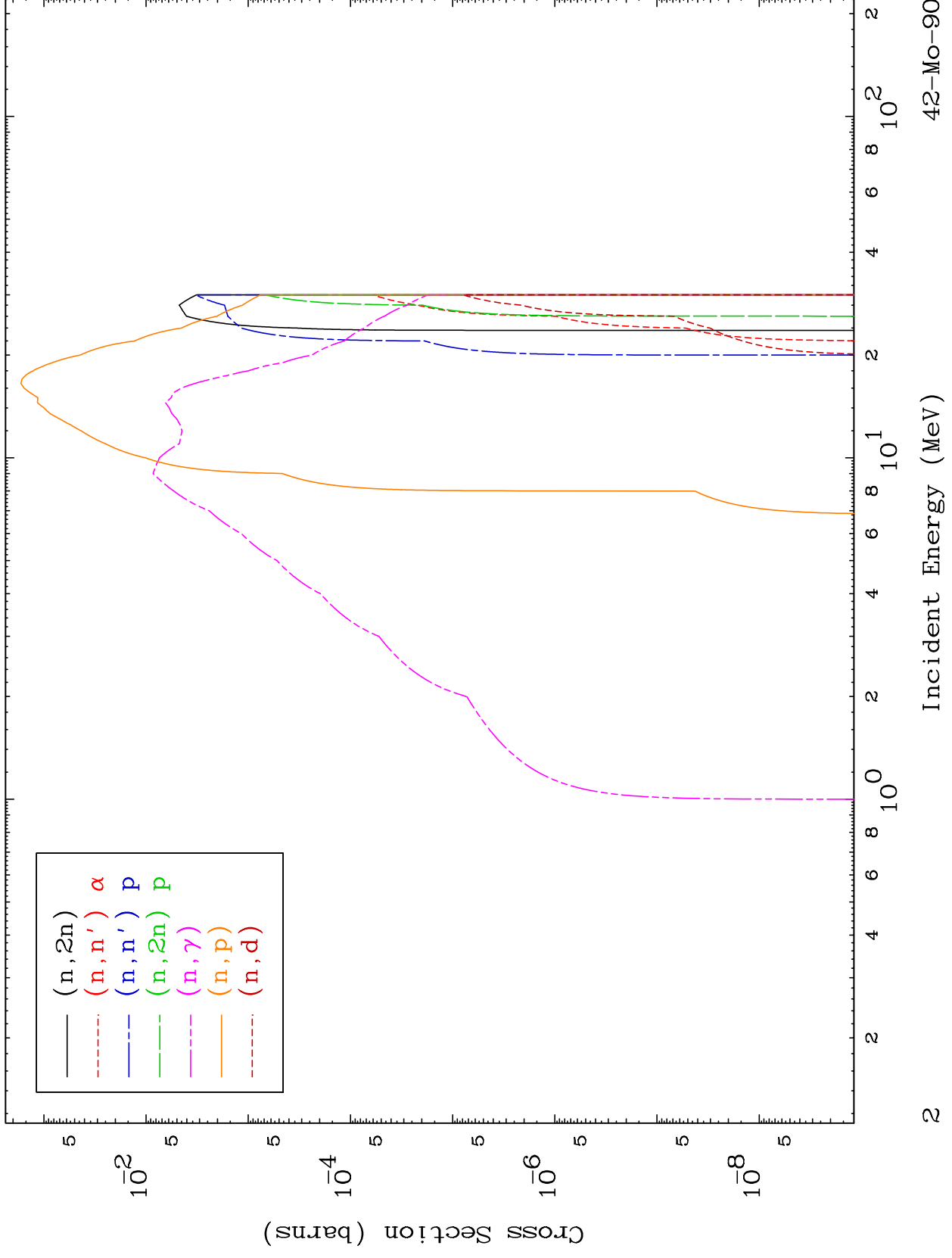


Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n,  $\gamma$ )

MAT 4219

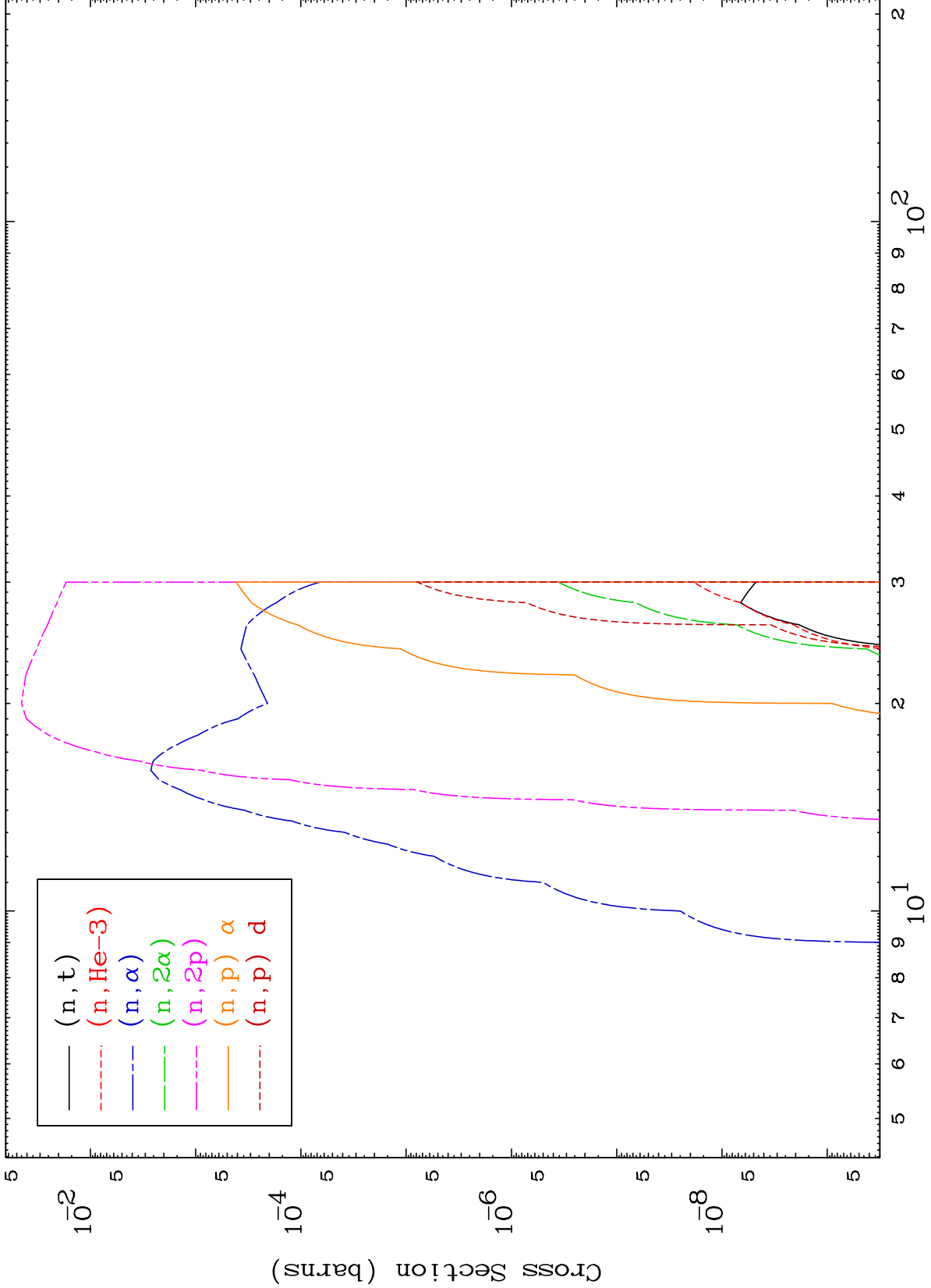
Photon Neutron Absorption  
0 Kelvin Cross Sections

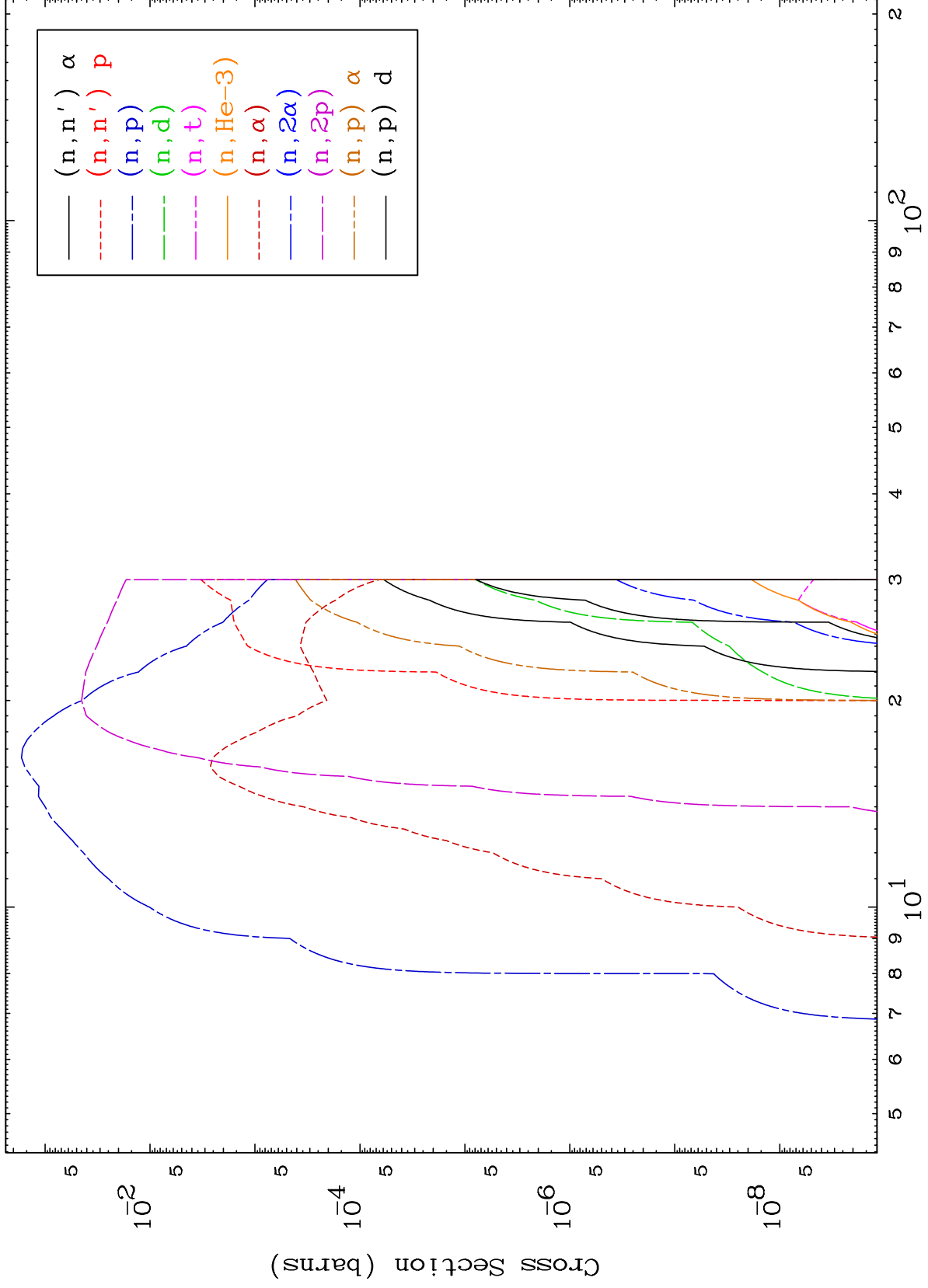
42-Mo-90



42-Mo-90

Incident Energy (MeV)



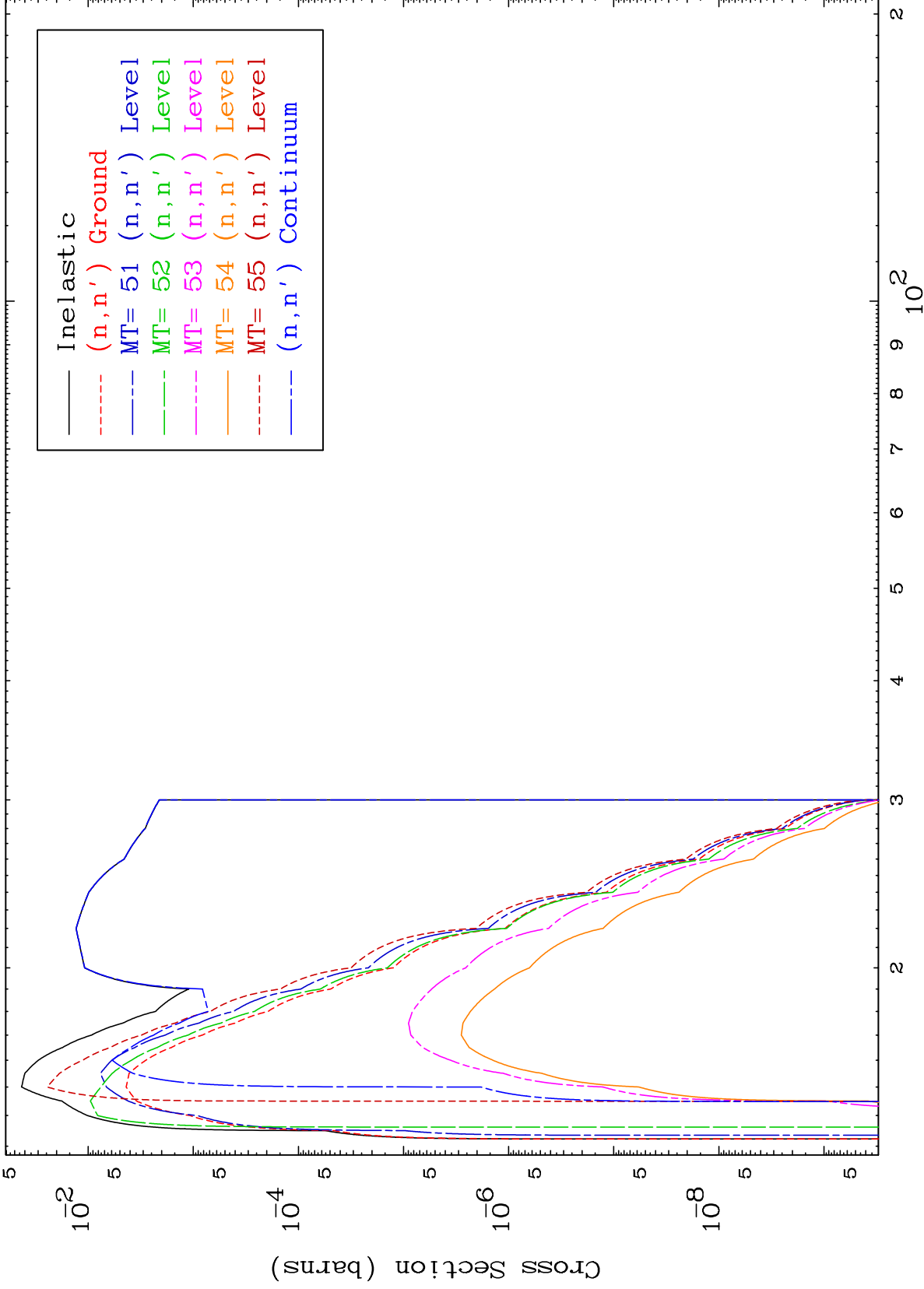


MAT 4219

( $\gamma, n'$ ) Levels

42-Mo-90

0 Kelvin Cross Sections



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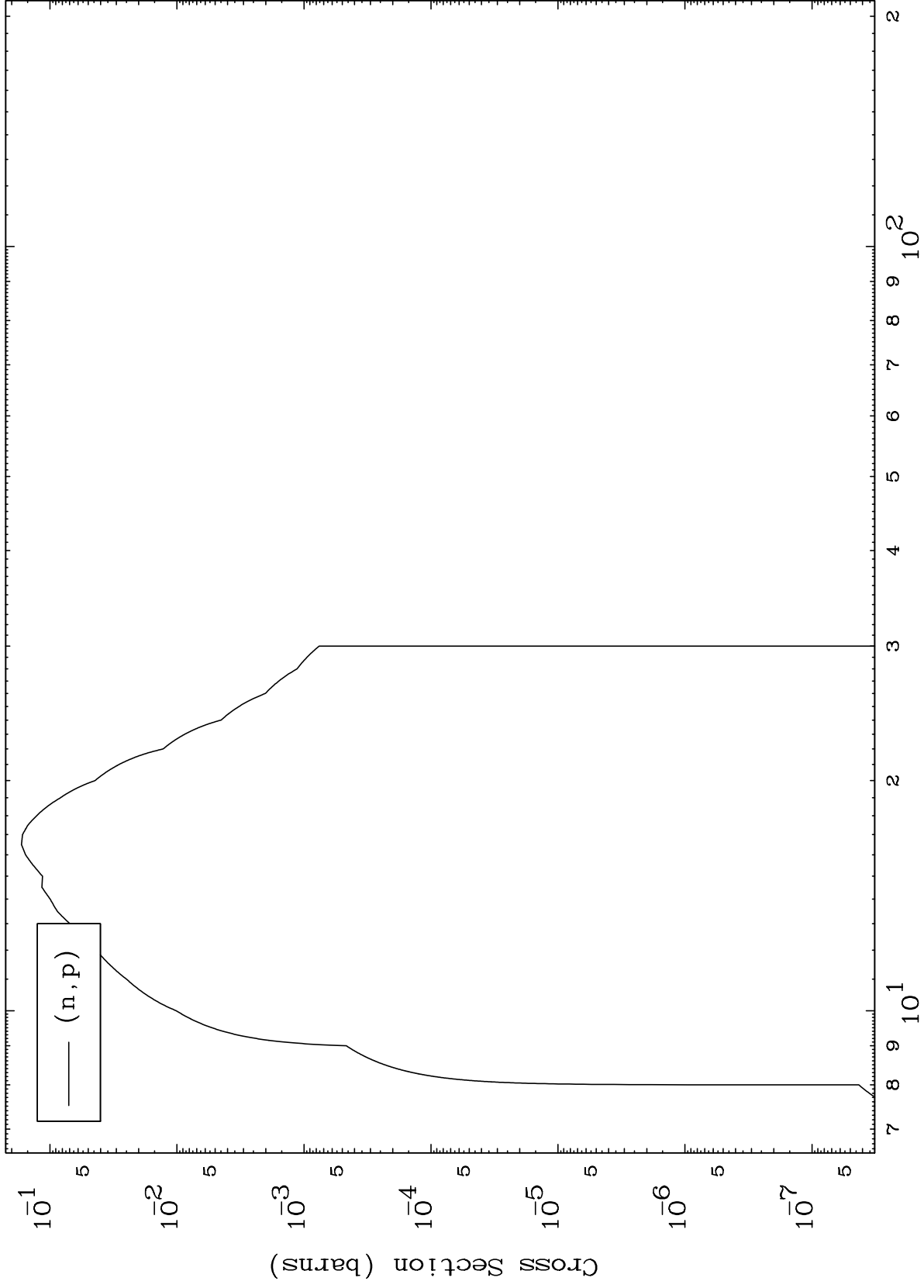
Incident Energy (MeV)

42-Mo-90

MAT 4219

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

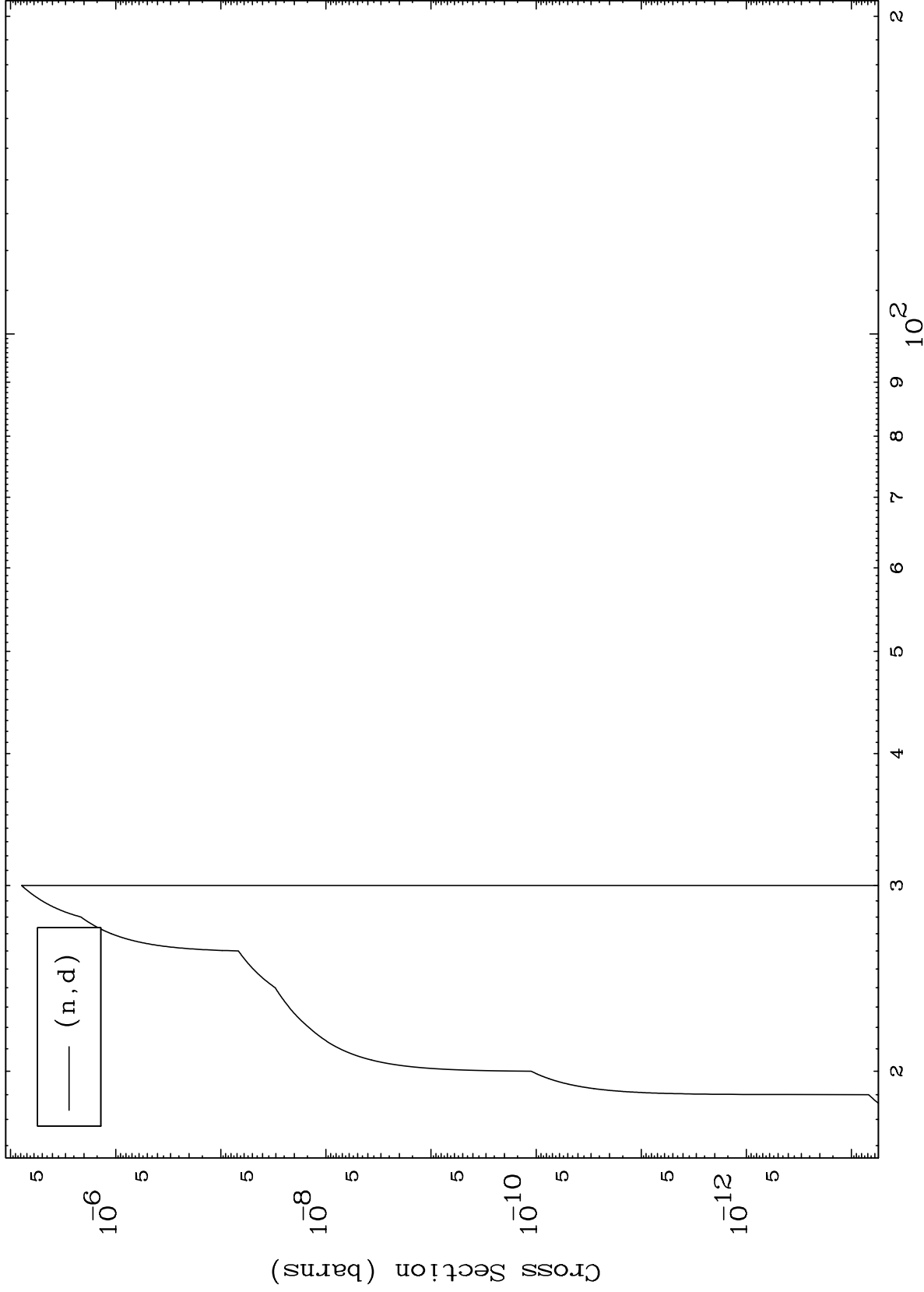
42-Mo-90



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Incident Energy (MeV)

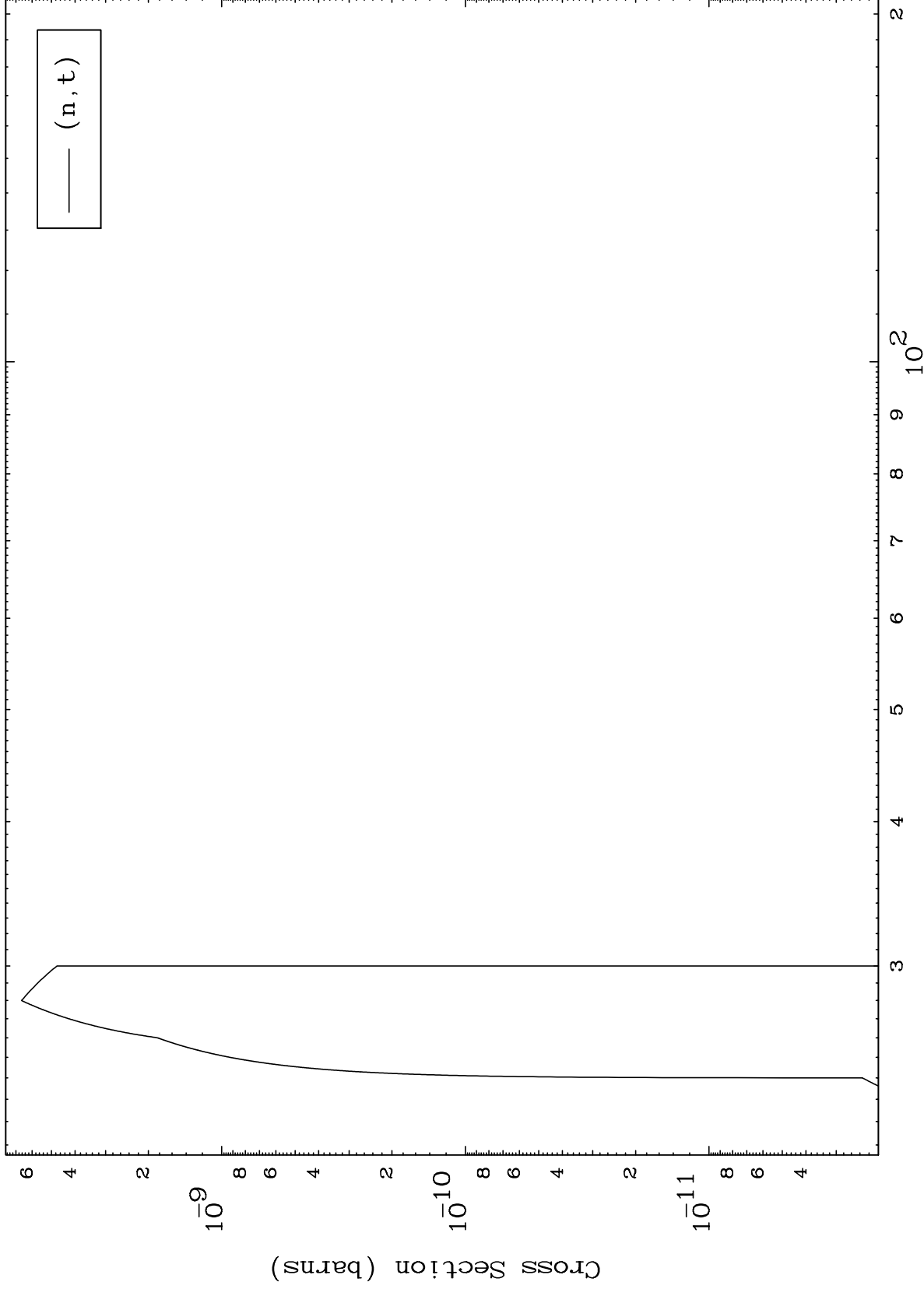
42-Mo-90



MAT 4219

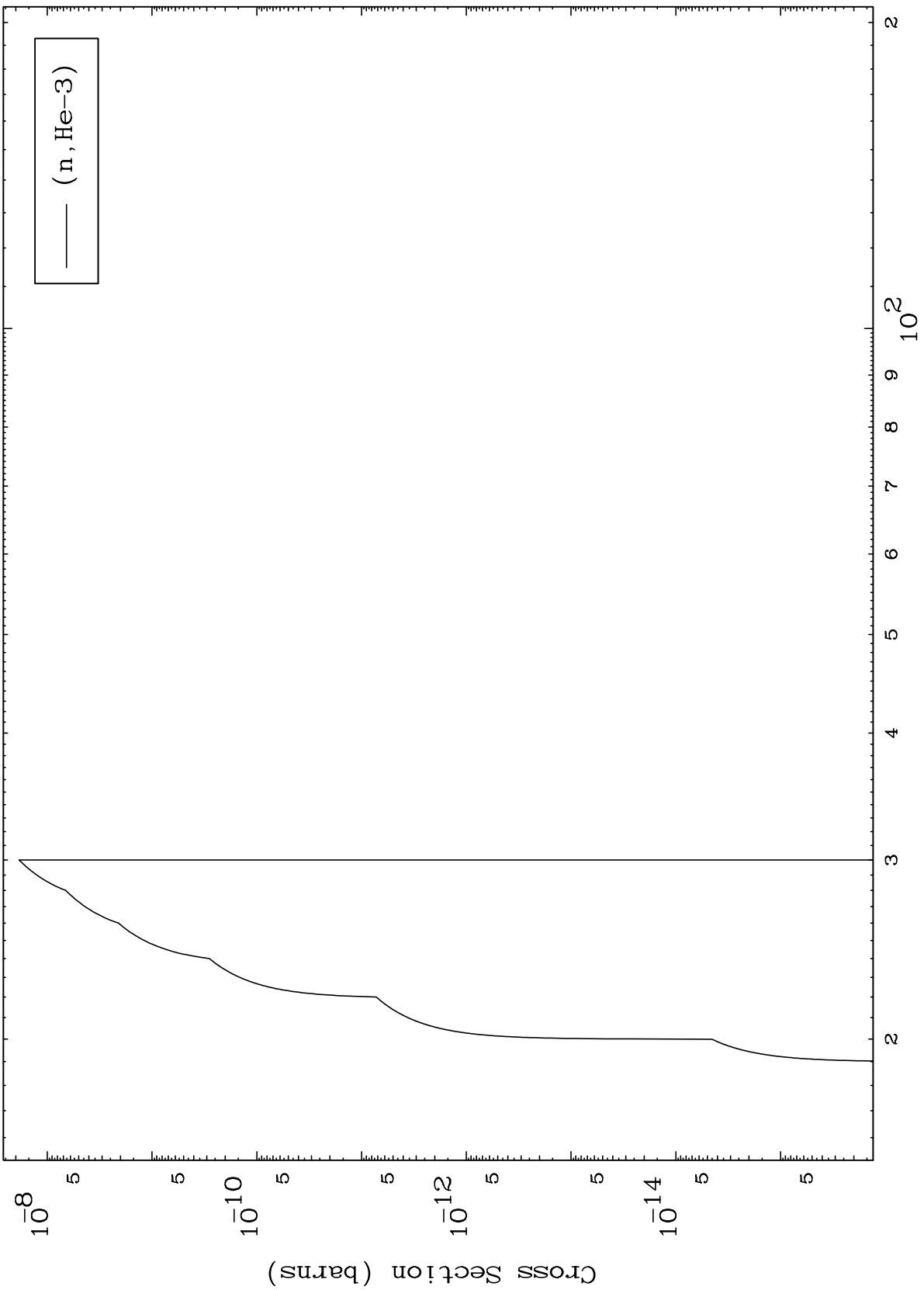
( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

42-Mo-90



( $n, t$ )

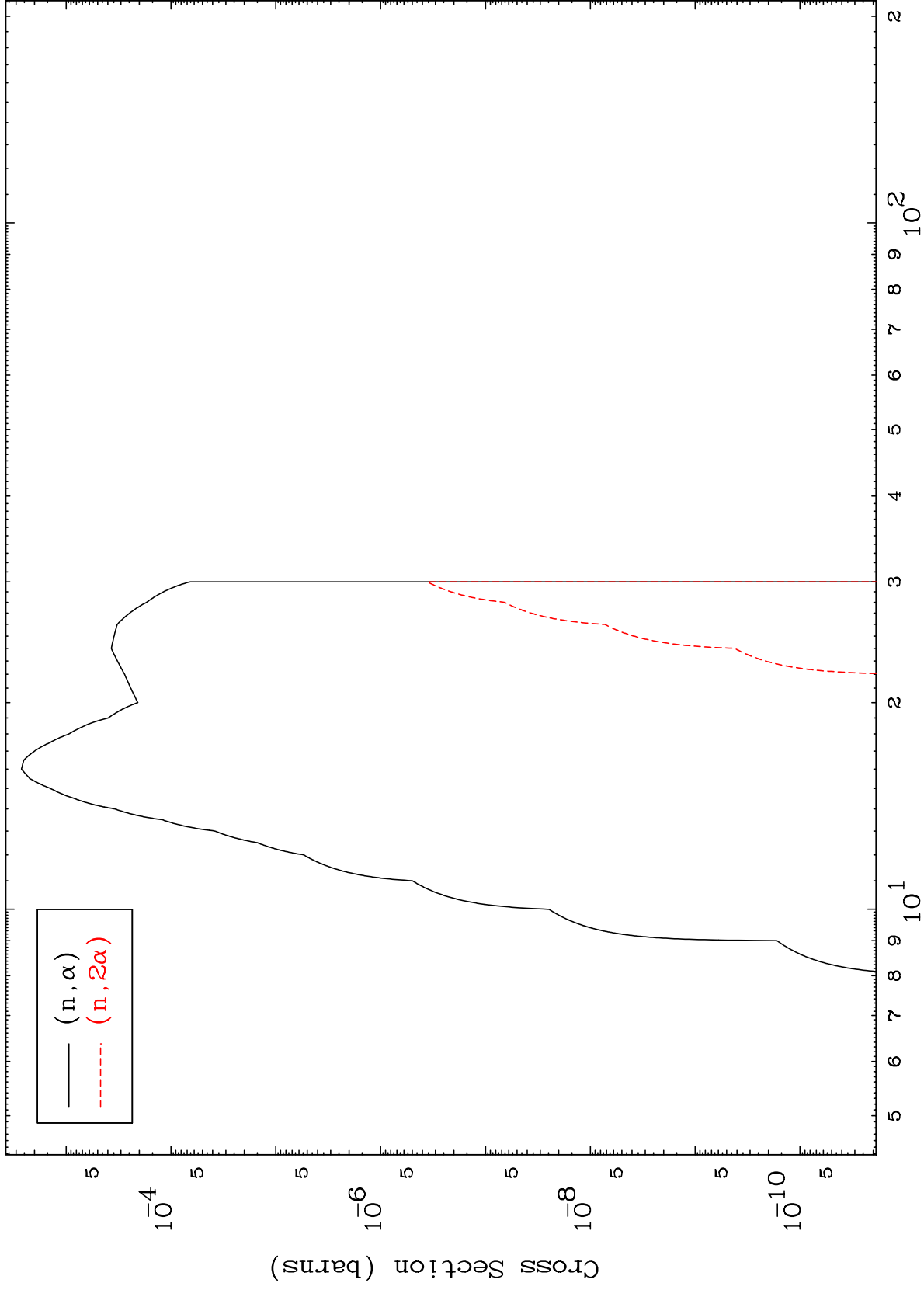
( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections



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

42-Mo-90



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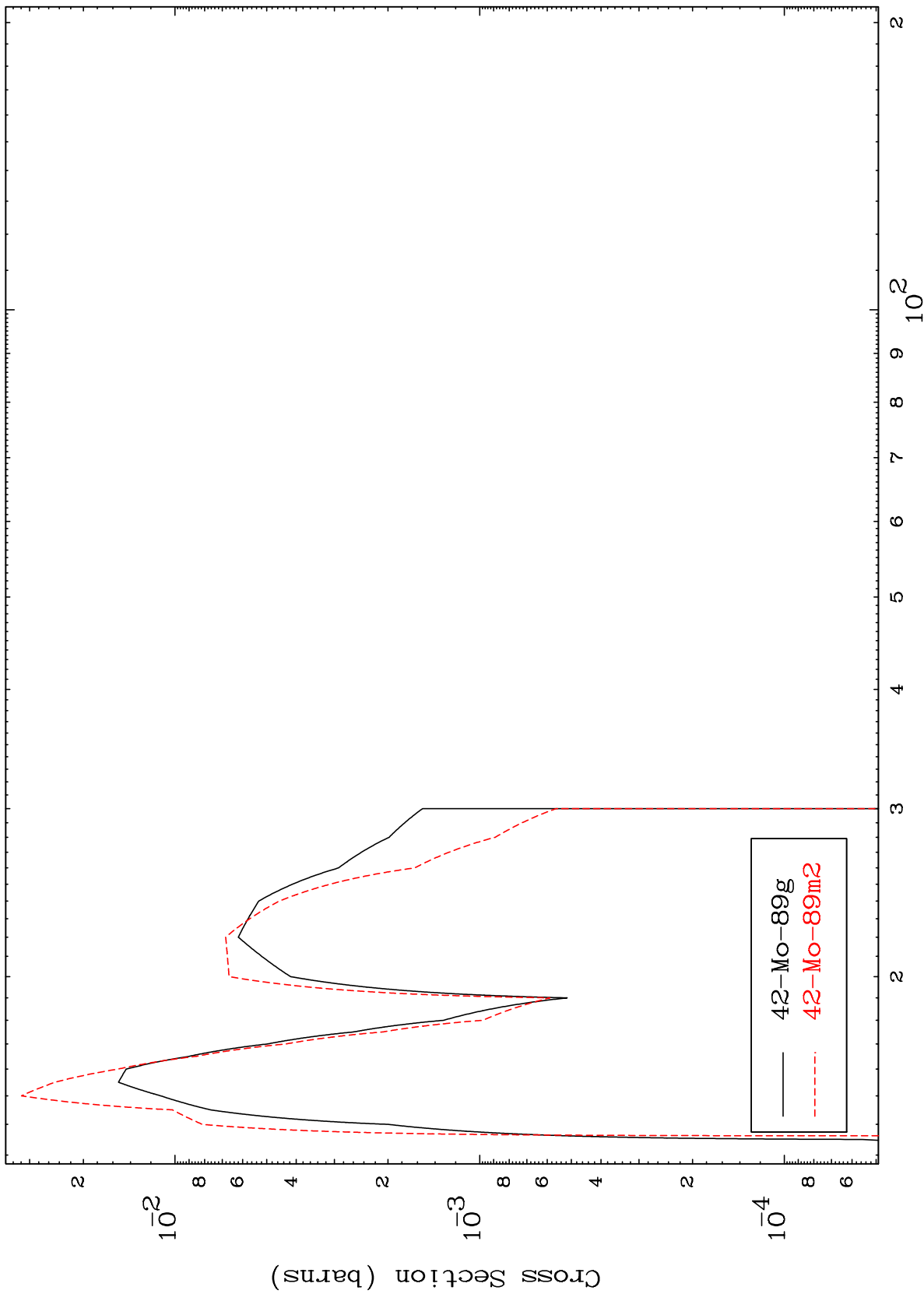
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

Inelastic  
Radionuclide Production Cross Section



42-Mo-90

Incident Energy (MeV)

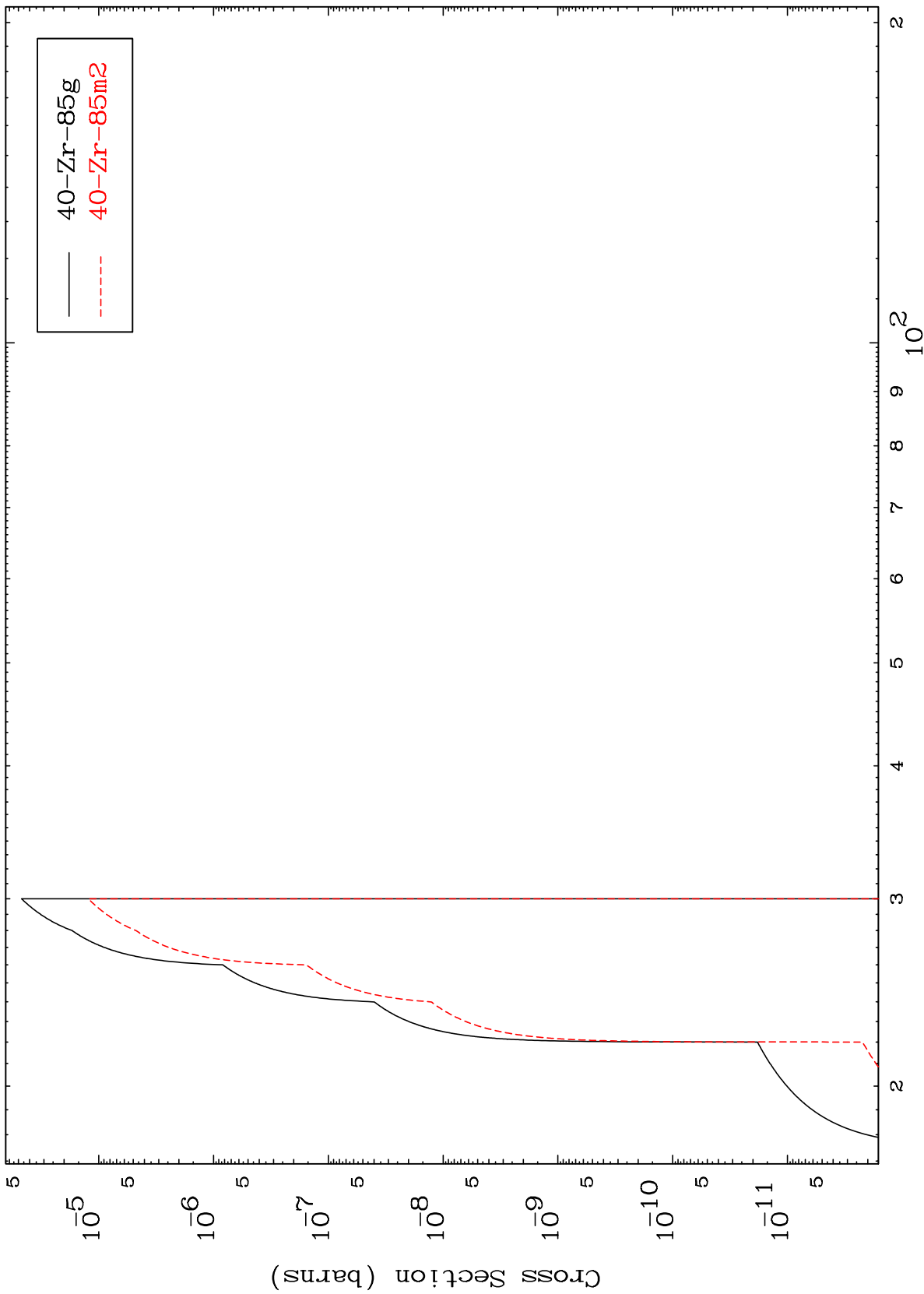
11

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$(n, n')$   $\alpha$

42-Mo-90

Radionuclide Production Cross Section



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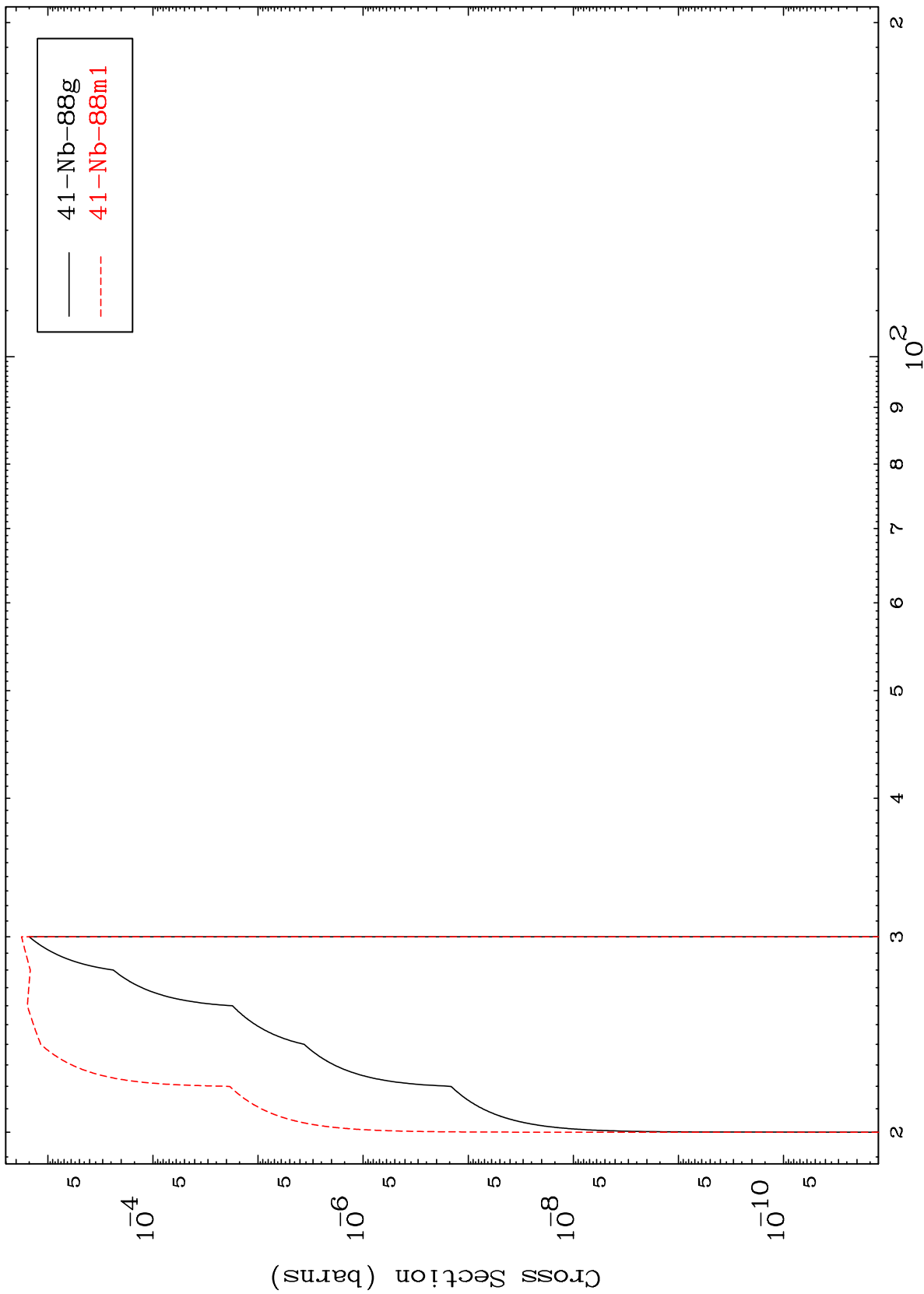
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

$(n, n')$  p  
Radionuclide Production Cross Section



42-Mo-90

Incident Energy (MeV)

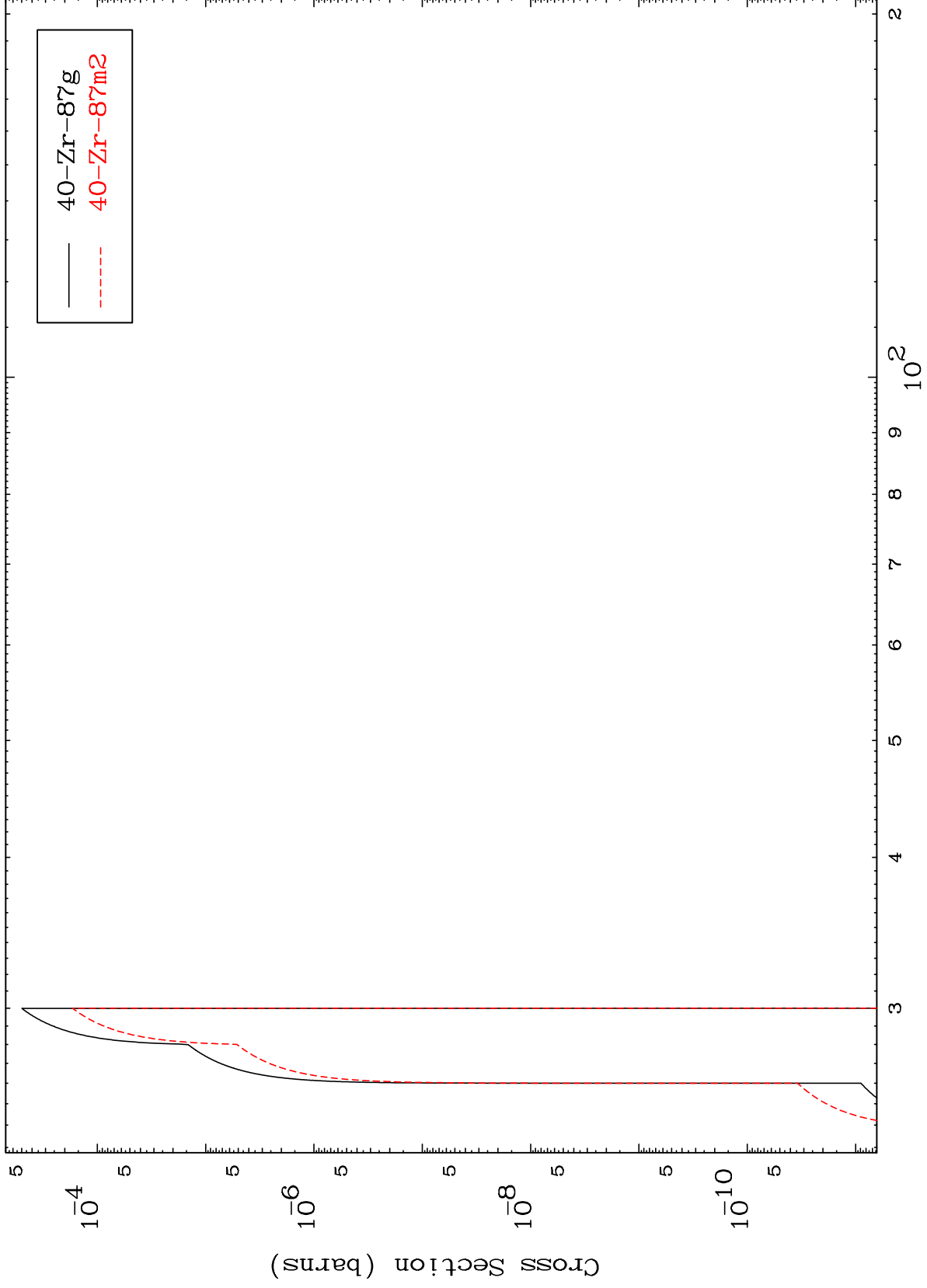
13

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(n,2n) p

42-Mo-90

Radionuclide Production Cross Section



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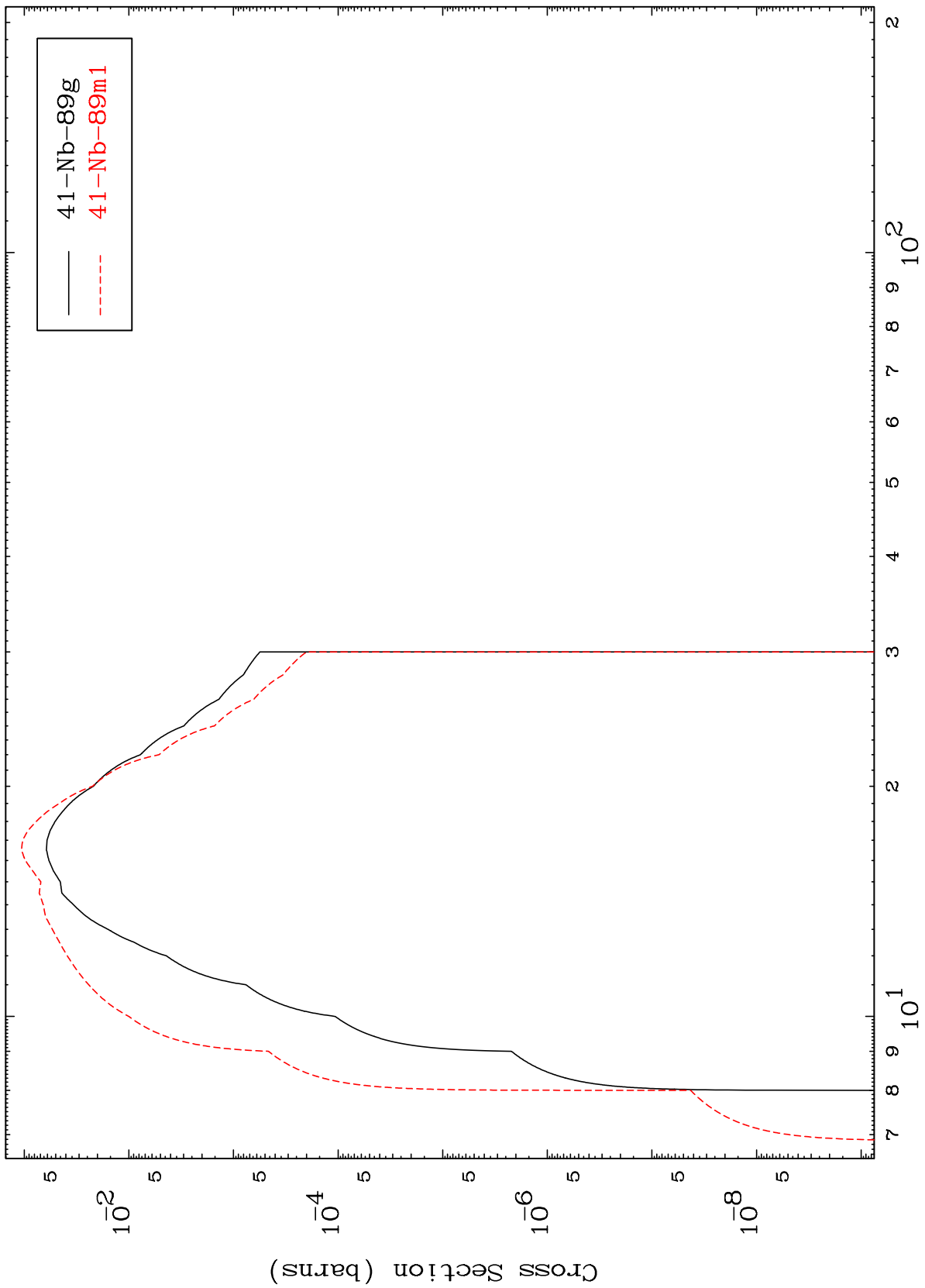
Incident Energy (MeV)

42-Mo-90

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42-Mo-90

(n,p)  
Radionuclide Production Cross Section



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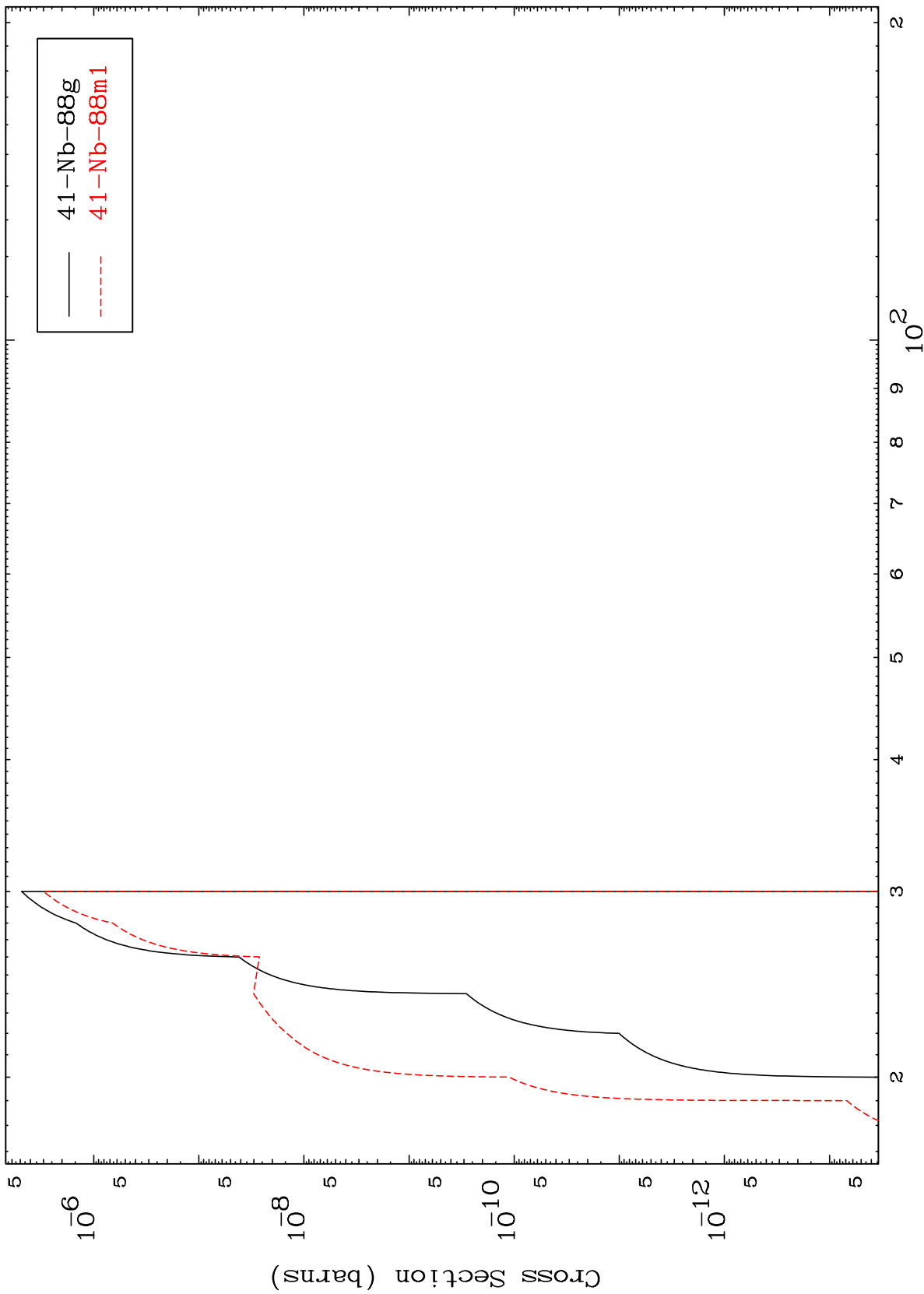
Incident Energy (MeV)

42-Mo-90

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42-Mo-90

(n,d)  
Radionuclide Production Cross Section



16

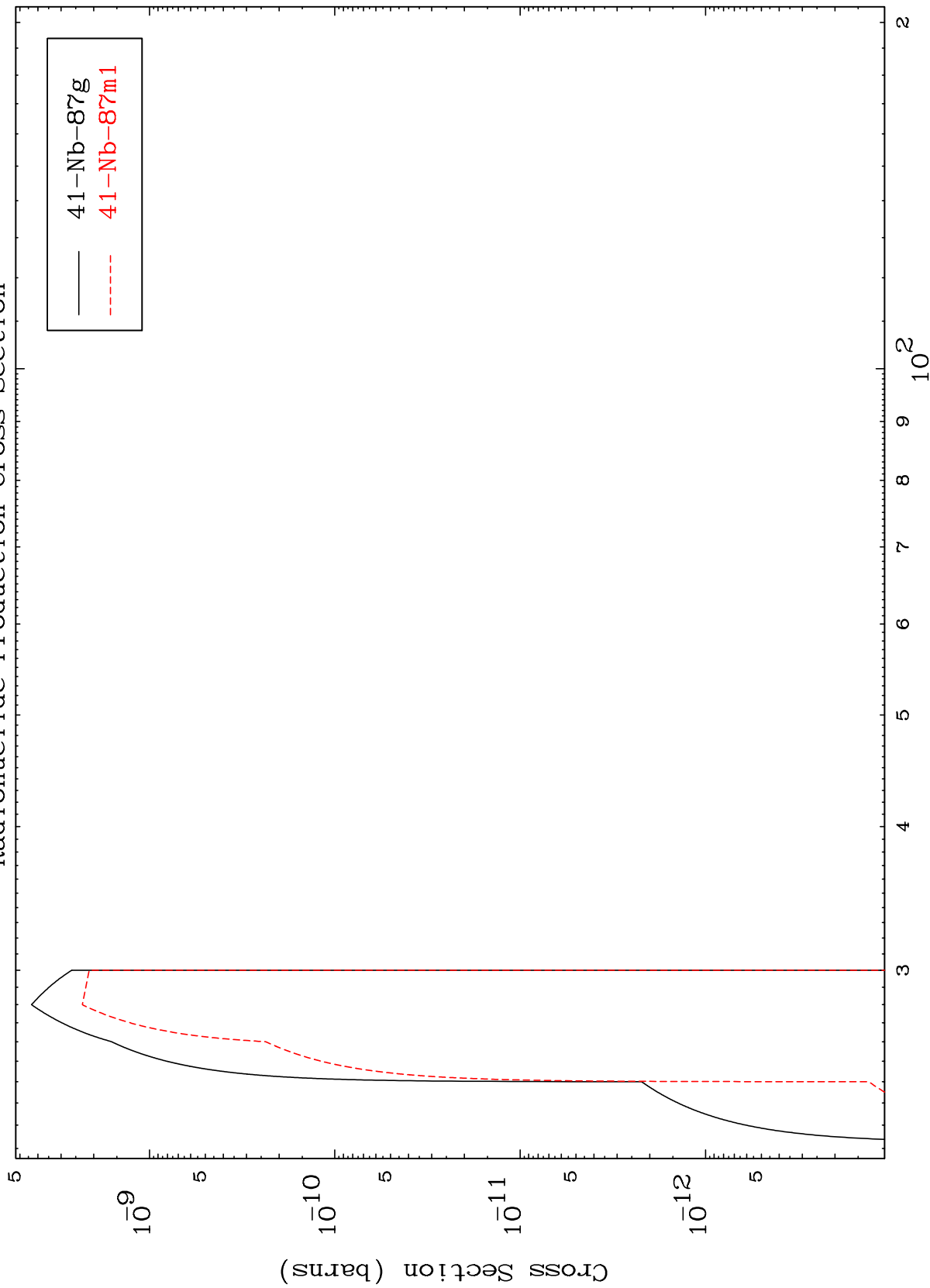
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

(n, t)  
Radionuclide Production Cross Section

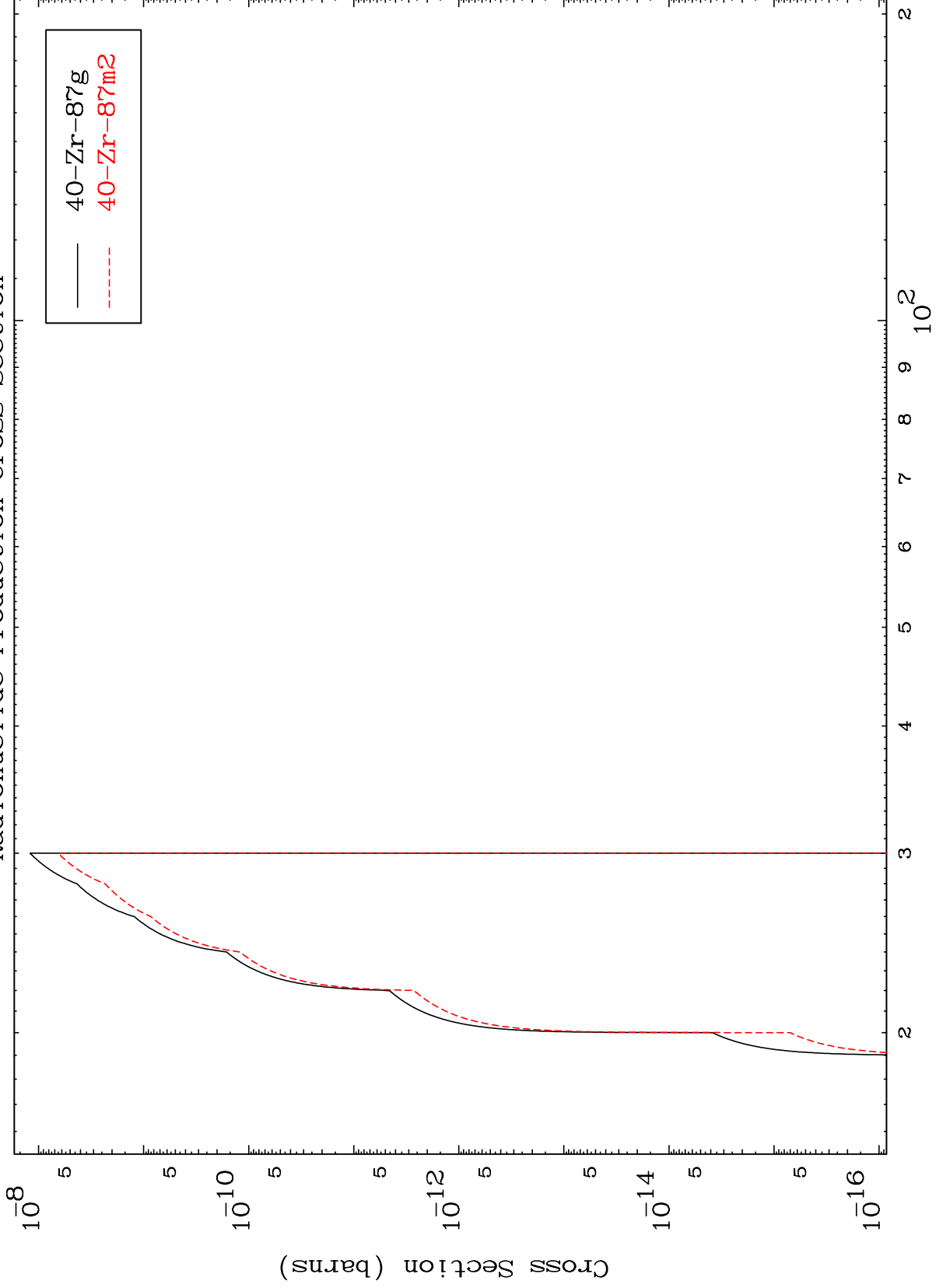


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Incident Energy (MeV)

42-Mo-90

(n,He-3)  
Radionuclide Production Cross Section

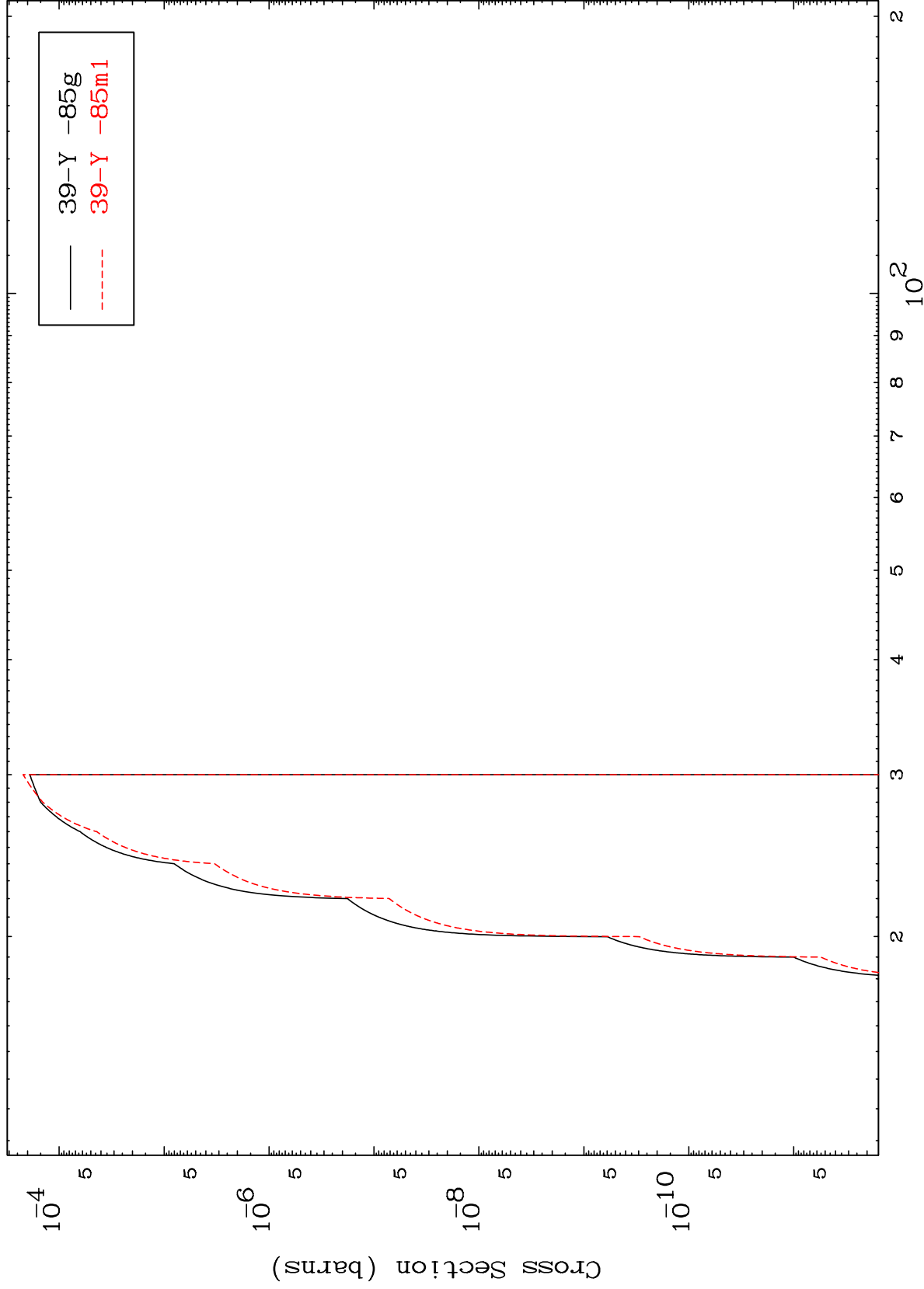


MAT 4219

(n,p)  $\alpha$

42-Mo-90

Radionuclide Production Cross Section



19

Incident Energy (MeV)

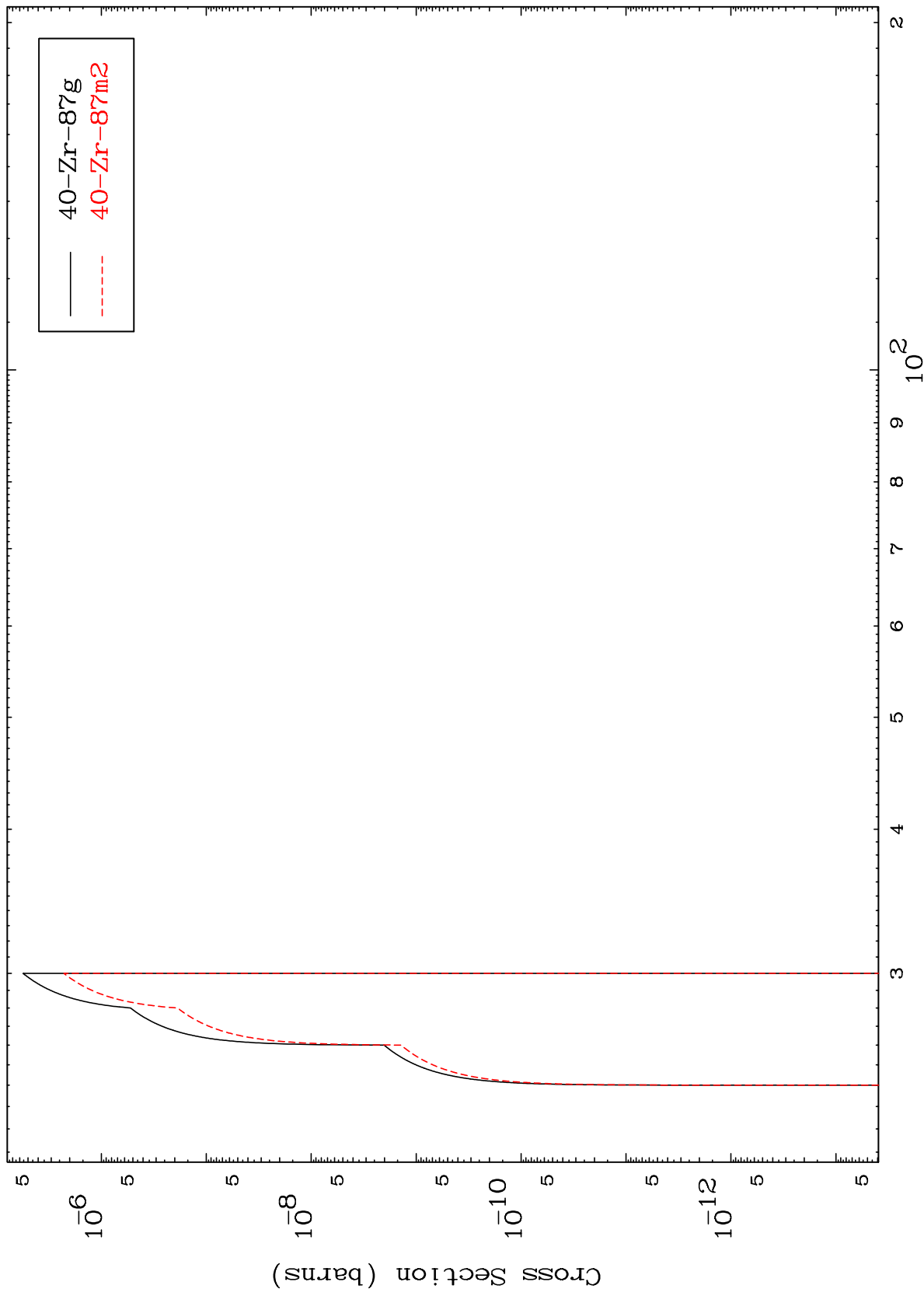
42-Mo-90

MAT 4219

(n,p) d

42-Mo-90

Radionuclide Production Cross Section



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Incident Energy (MeV)

42-Mo-90