

Program EVALPLOT  
(Version 2021-1)

by

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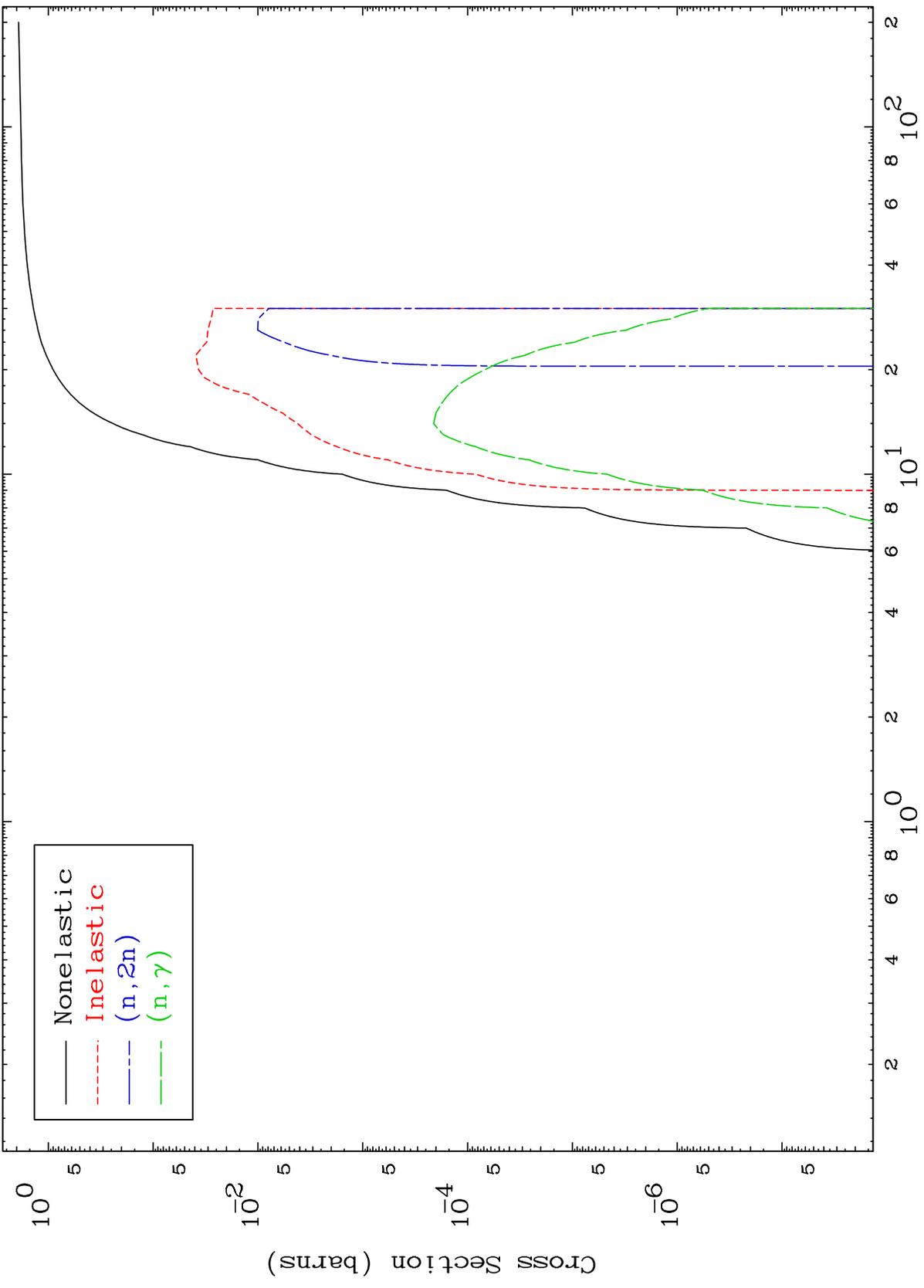
Press Mouse Button to Start

MAT 4219

$\alpha$  Major

42-Mo-90

0 Kelvin Cross Sections

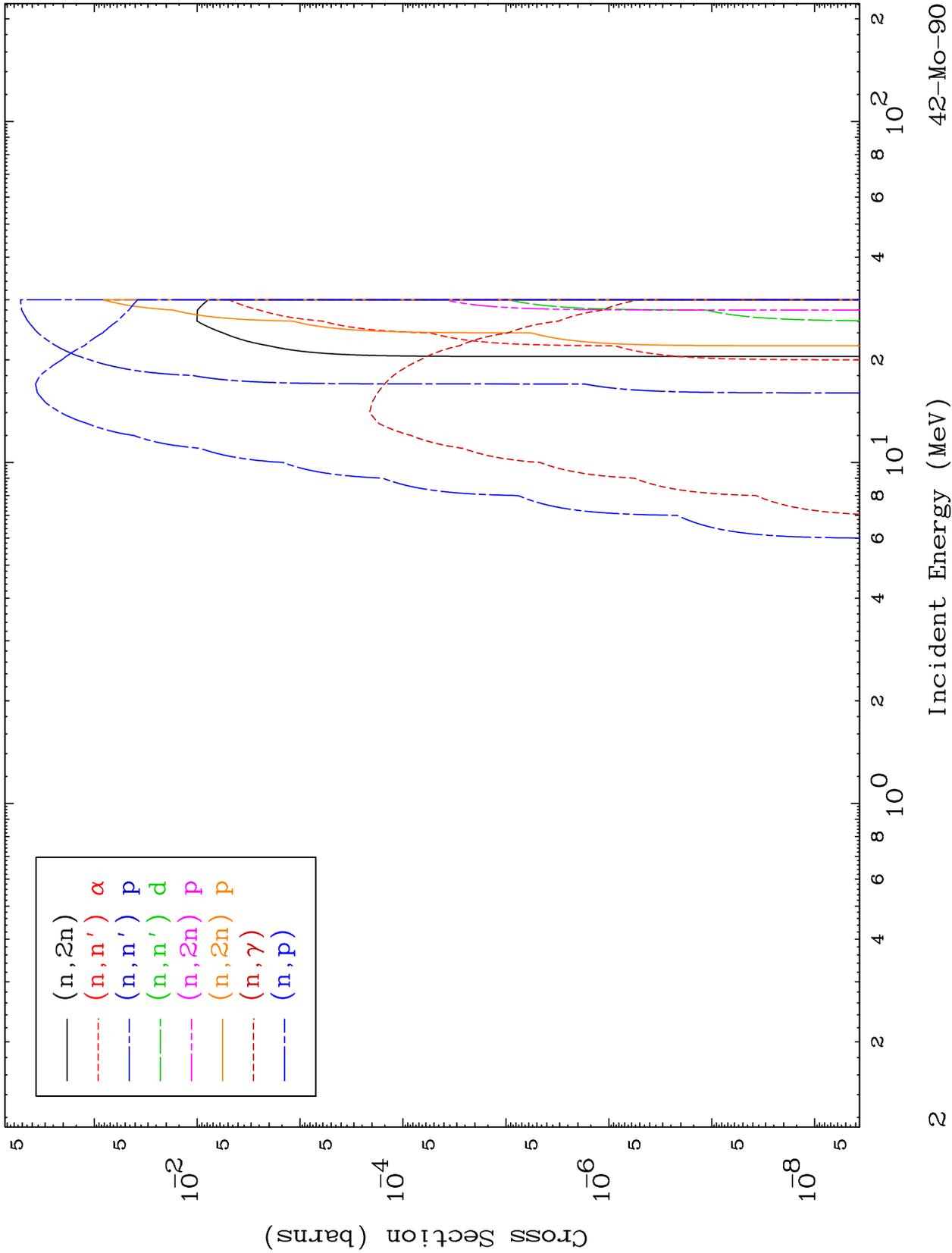


Legend:  
— Nonelastic  
- - - Inelastic  
- - - (n, 2n)  
- - - (n,  $\gamma$ )

MAT 4219

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

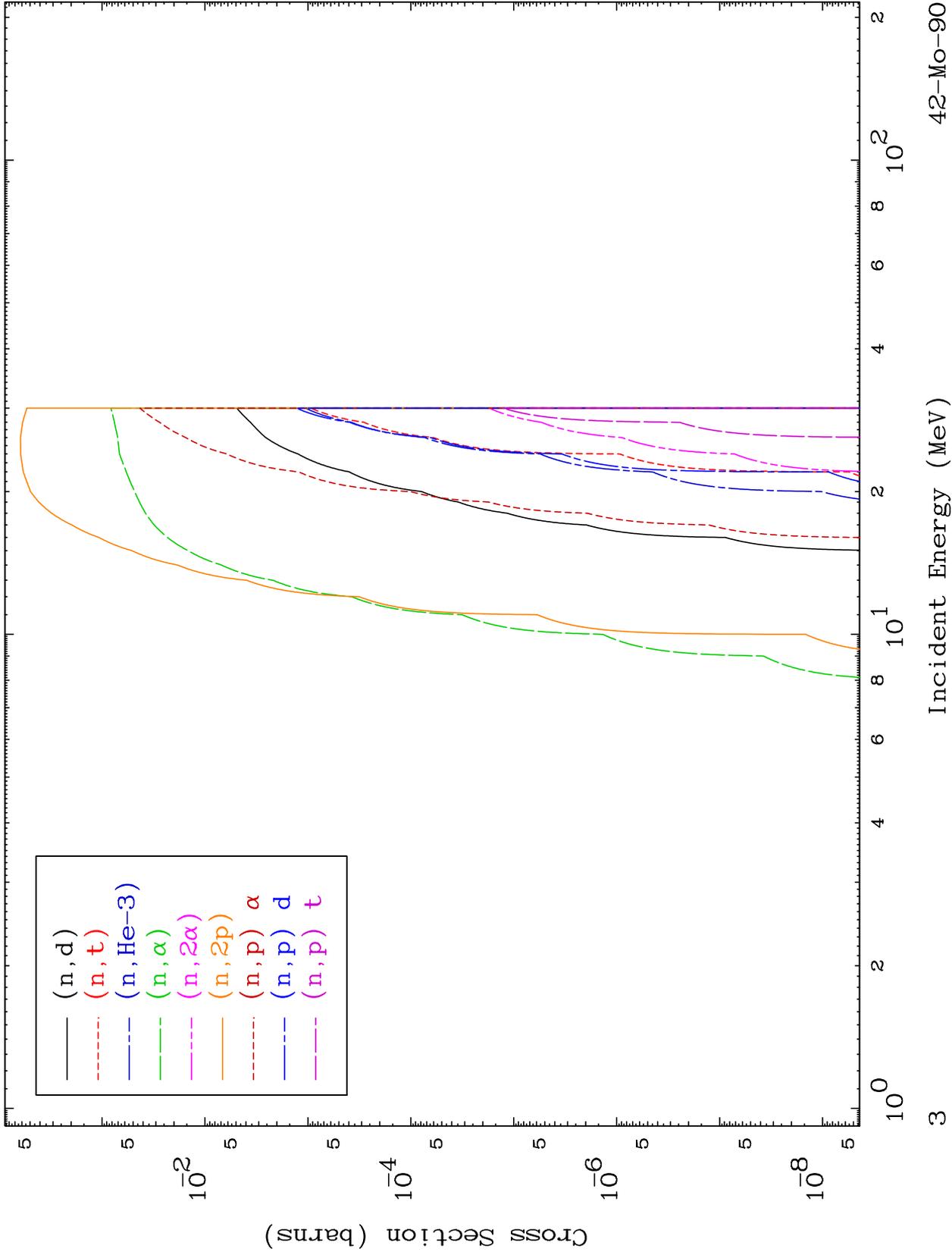
42-Mo-90



MAT 4219

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

42-Mo-90

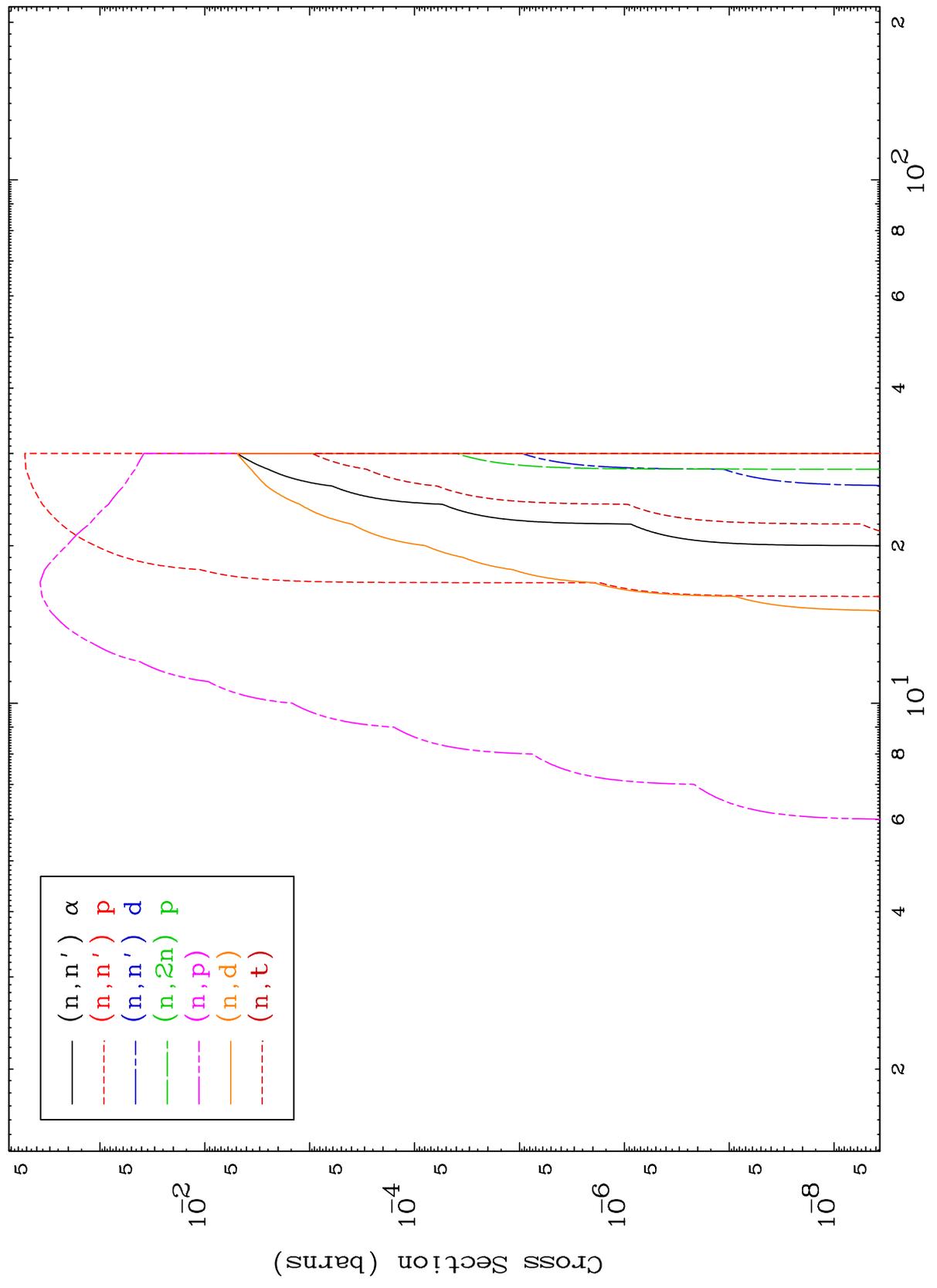


Incident Energy (MeV)

42-Mo-90

3

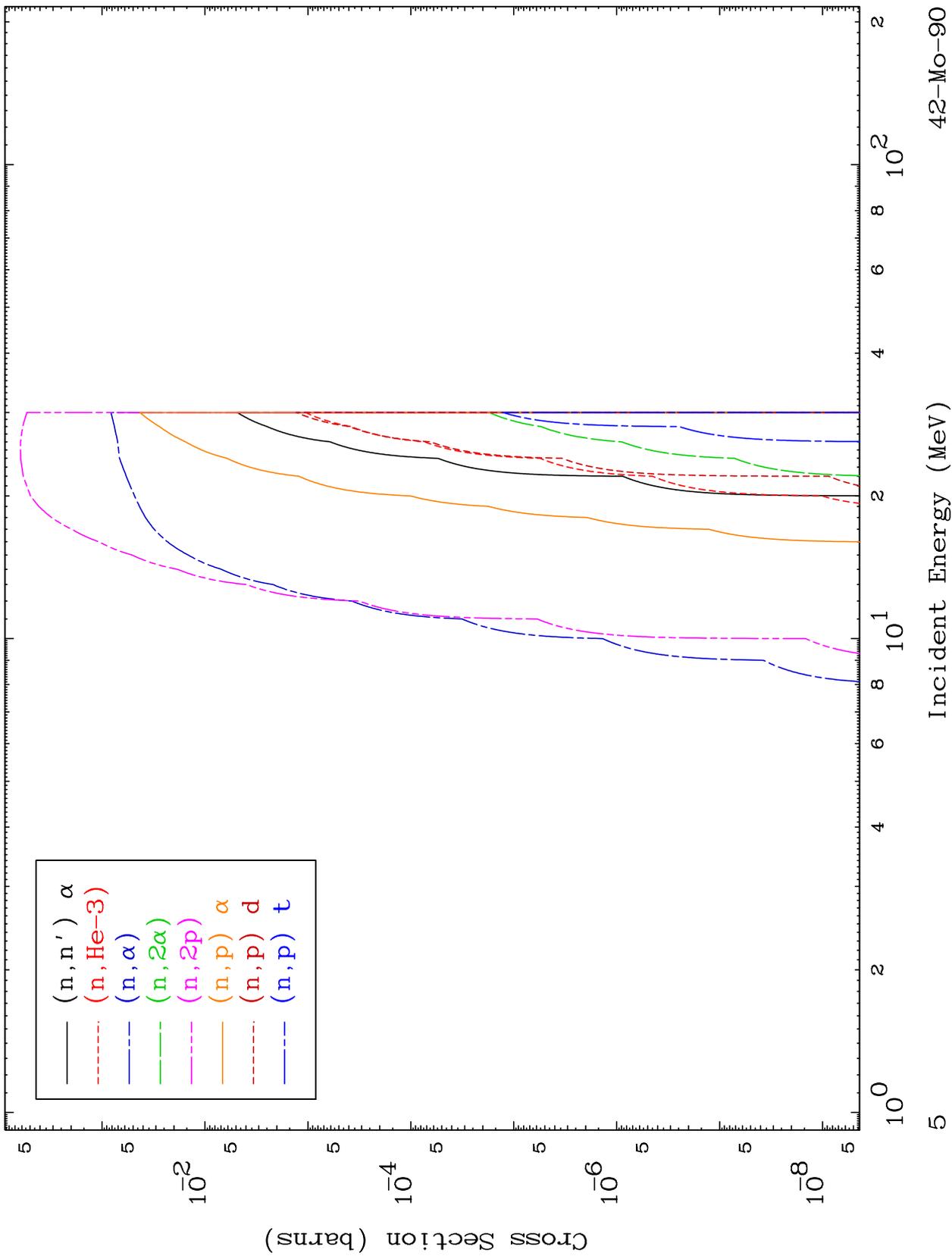
$\alpha$  Charged Particle  
0 Kelvin Cross Sections



MAT 4219

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

42-Mo-90



Incident Energy (MeV)

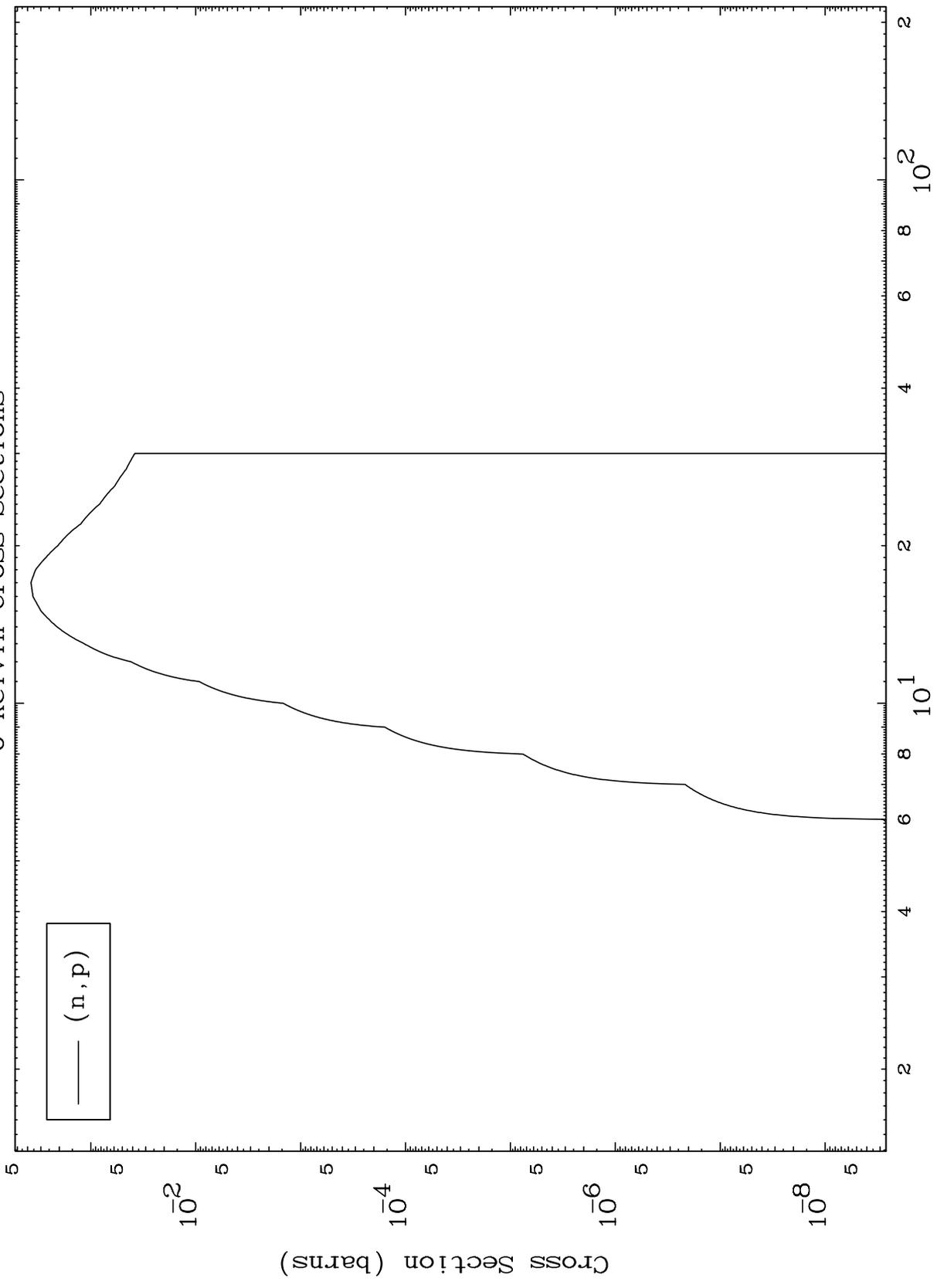
42-Mo-90

MAT 4219

( $\alpha, p$ ) Levels

42-Mo-90

0 Kelvin Cross Sections



(n, p)

Incident Energy (MeV)

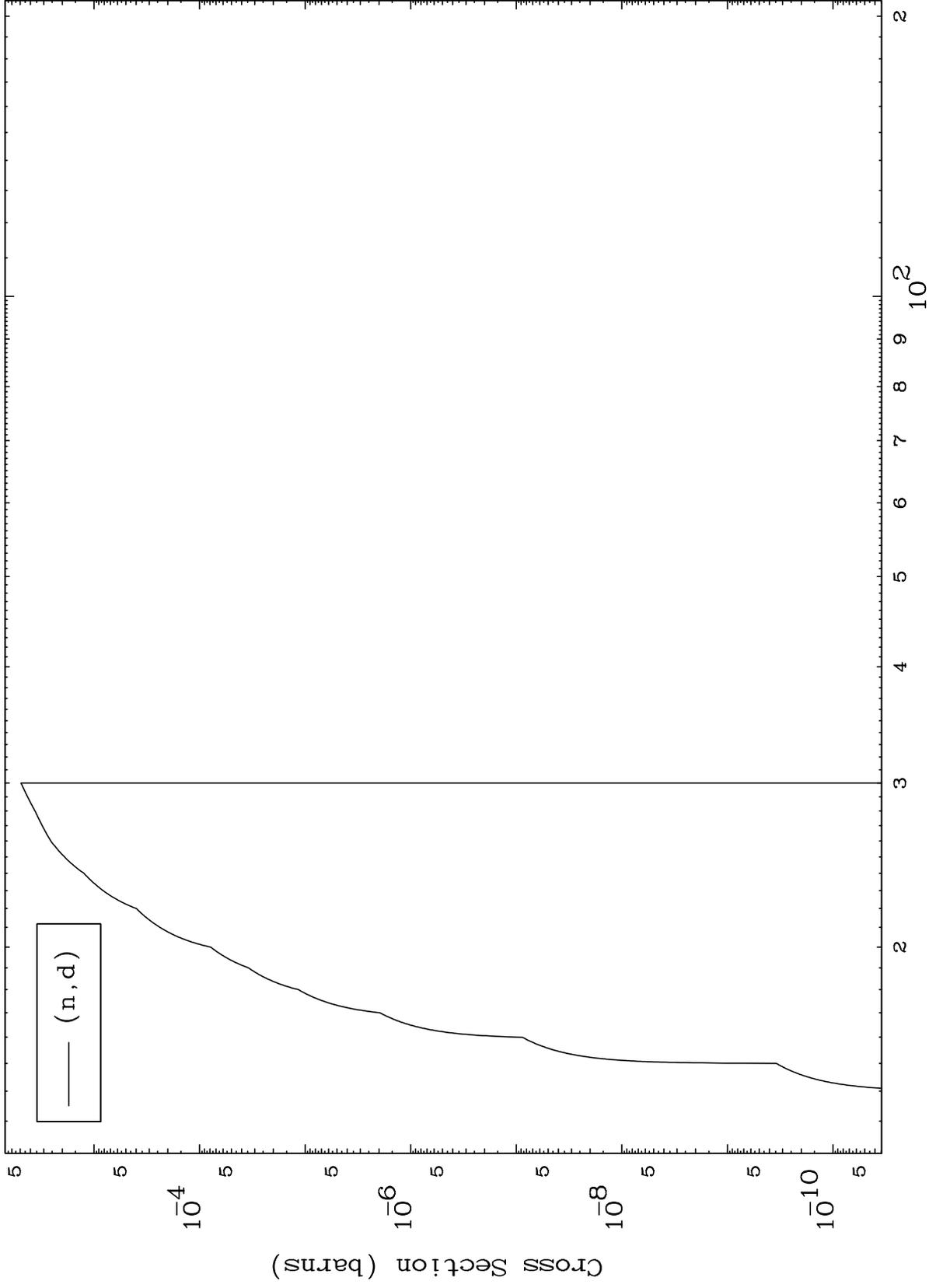
42-Mo-90

6

MAT 4219

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

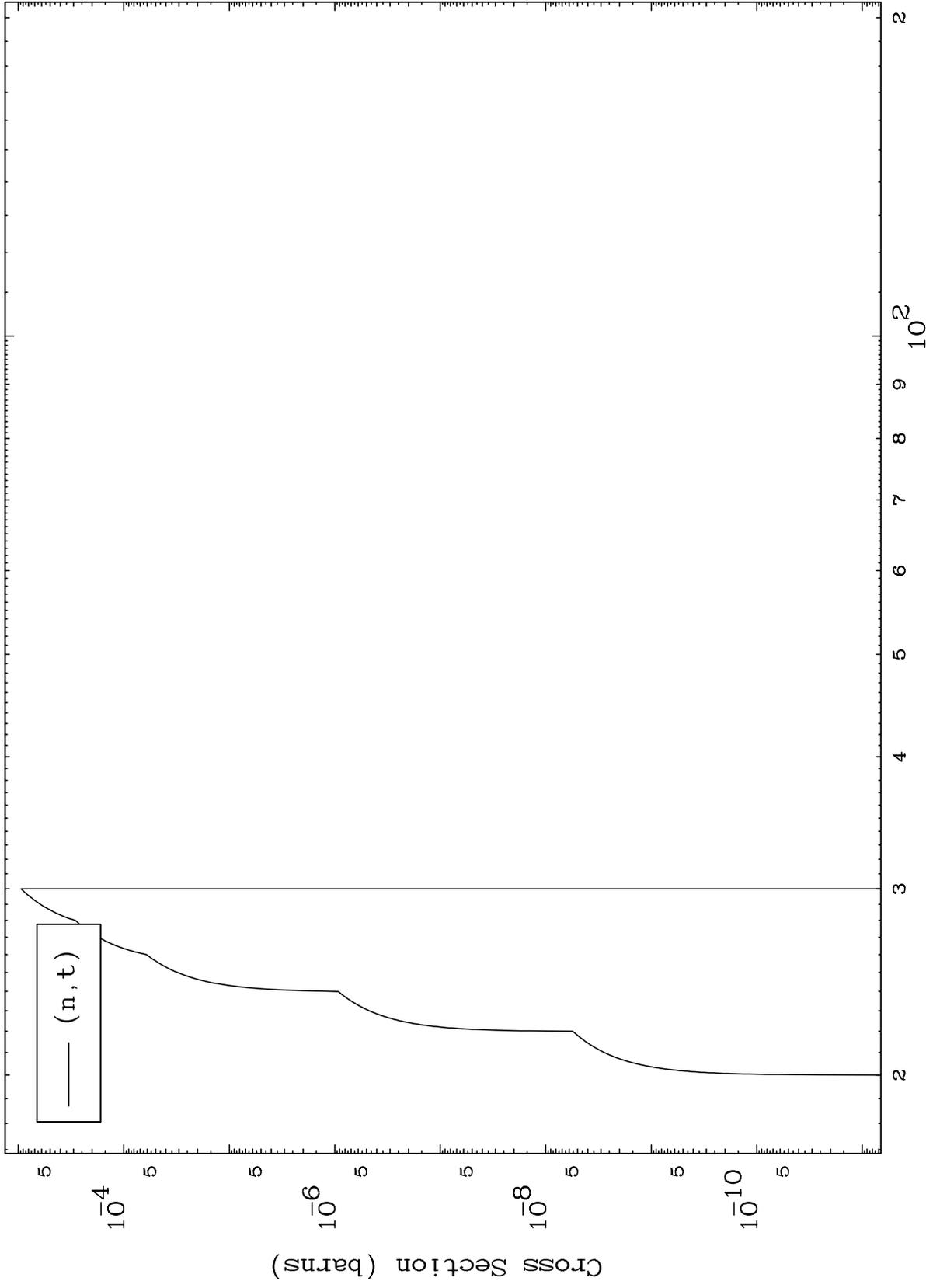
42-Mo-90

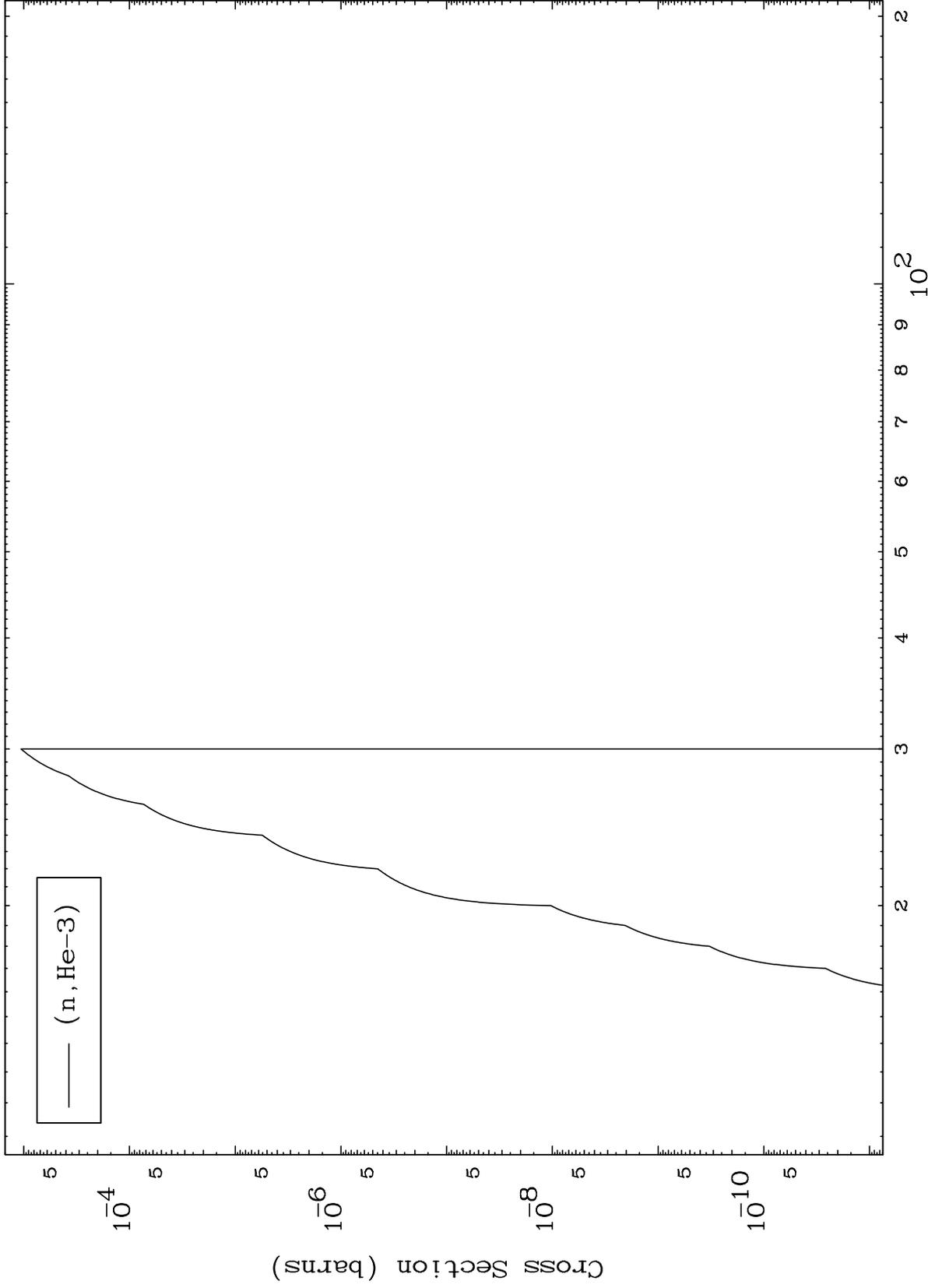


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Incident Energy (MeV)

42-Mo-90



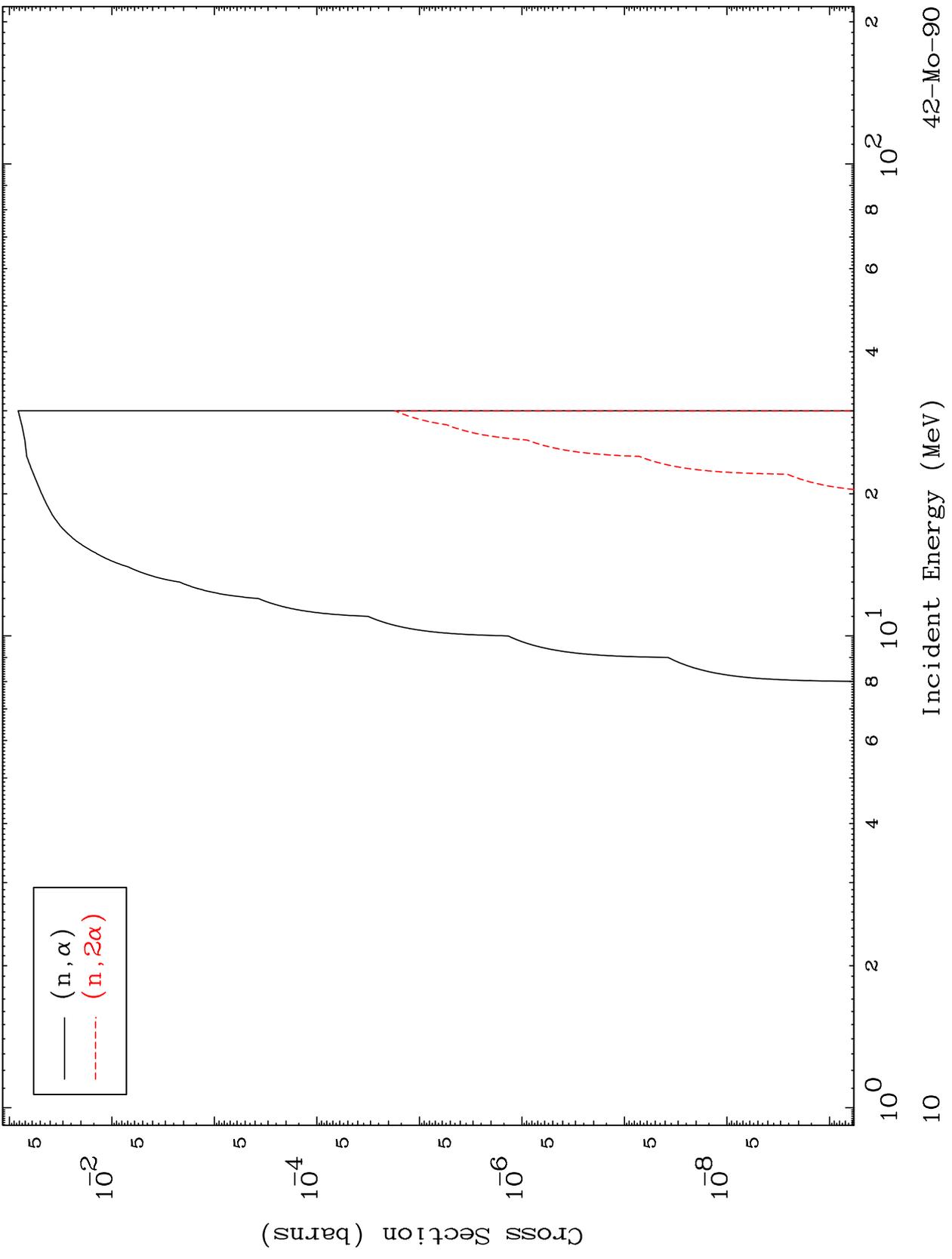


MAT 4219

( $\alpha, \alpha$ ) Levels

42-Mo-90

0 Kelvin Cross Sections



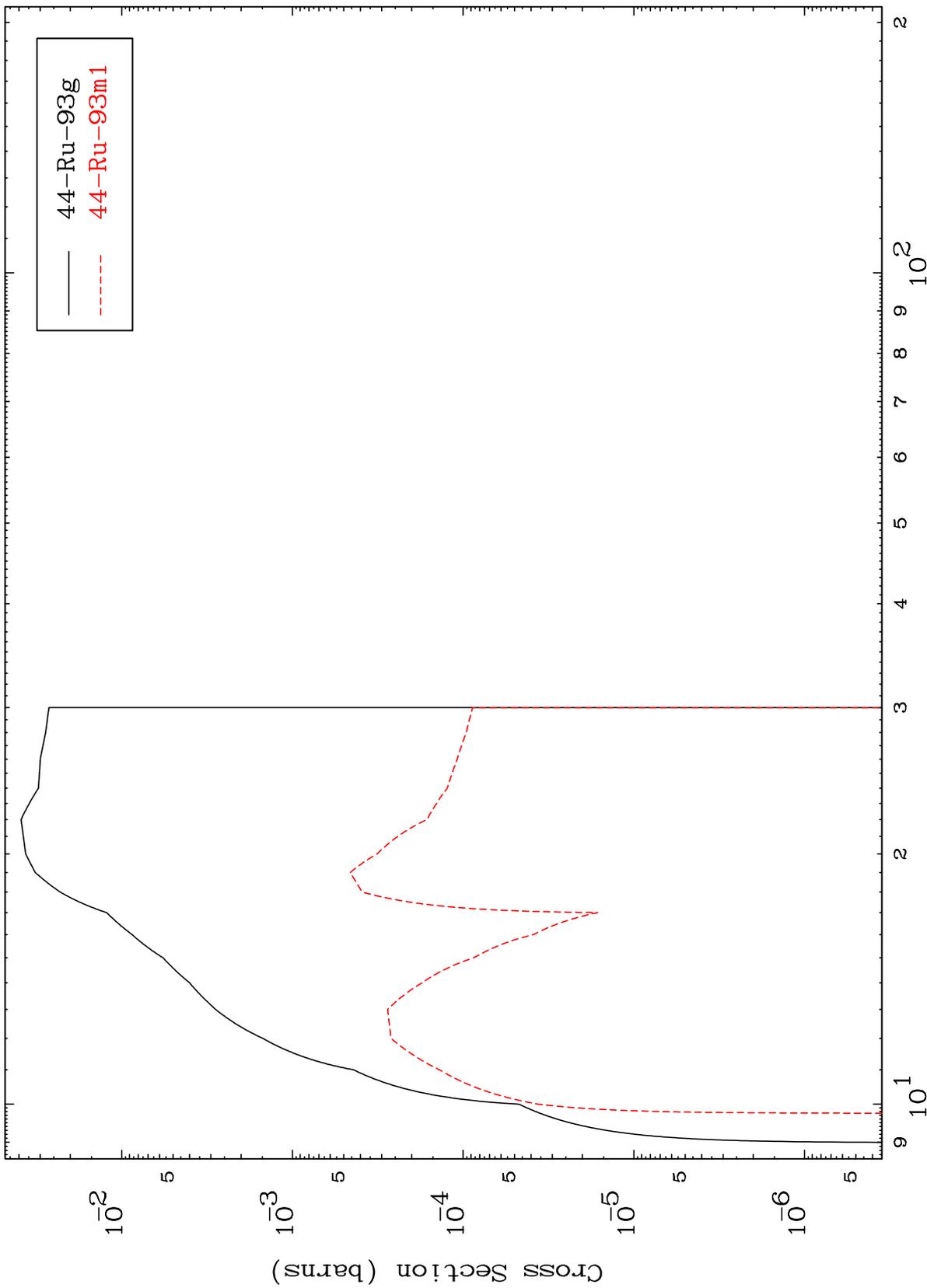
42-Mo-90

Incident Energy (MeV)

MAT 4219

42-Mo-90

Inelastic  
Radionuclide Production Cross Section



42-Mo-90

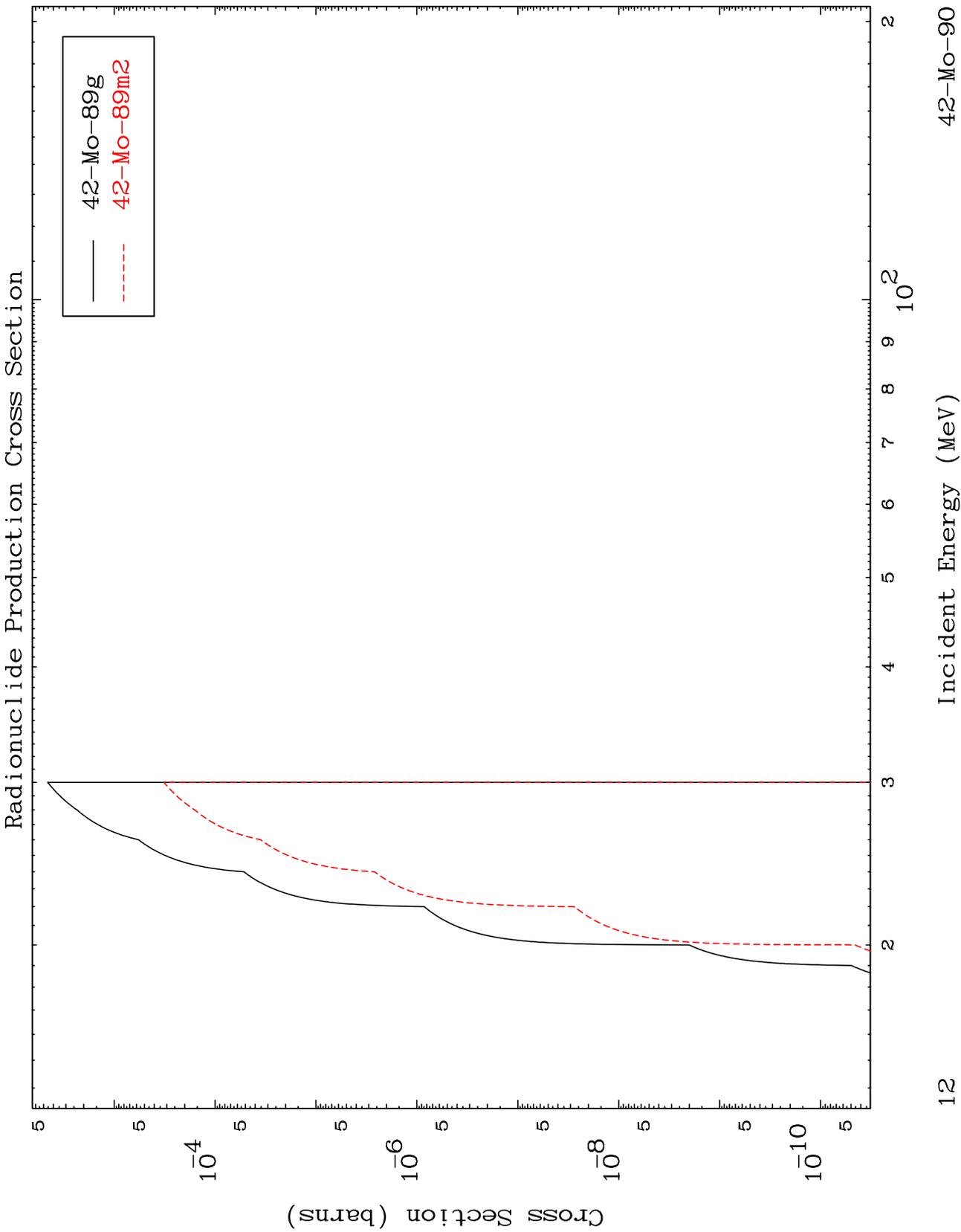
Incident Energy (MeV)

11

MAT 4219

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

42-Mo-90



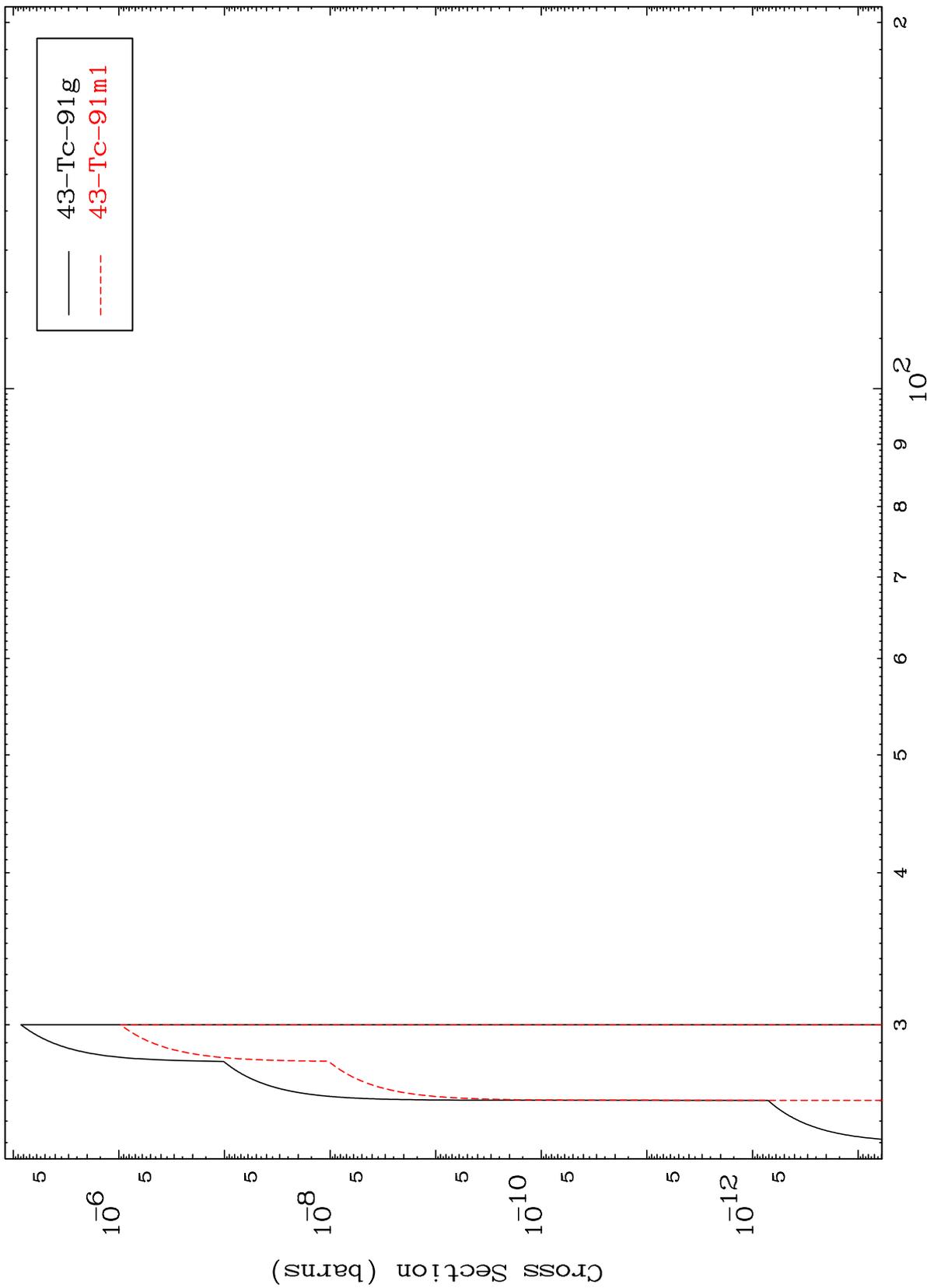
12

42-Mo-90

MAT 4219

42-Mo-90

(n,n') d  
Radionuclide Production Cross Section



42-Mo-90

Incident Energy (MeV)

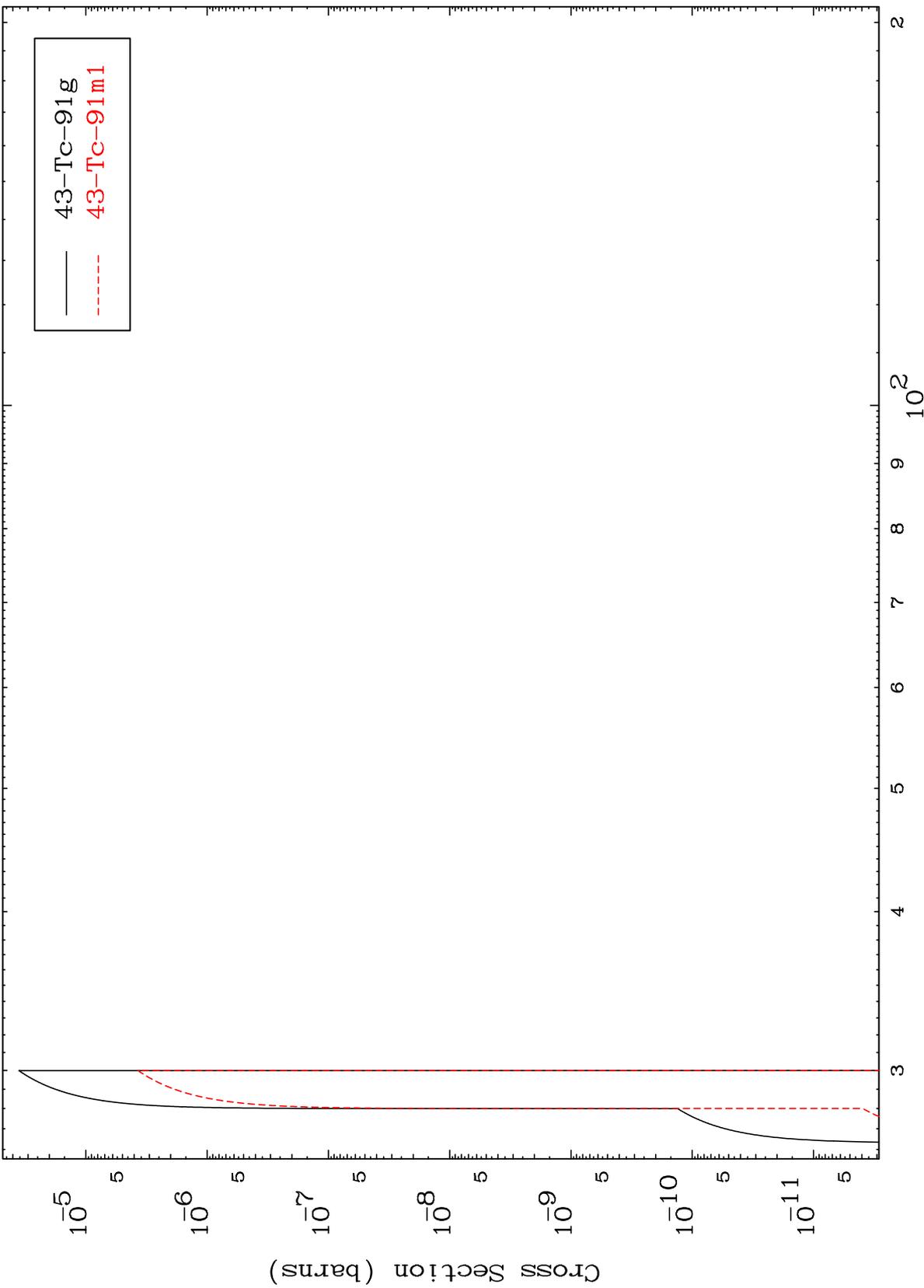
13

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(n,2n) p

42-Mo-90

Radionuclide Production Cross Section



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

14

Incident Energy (MeV)

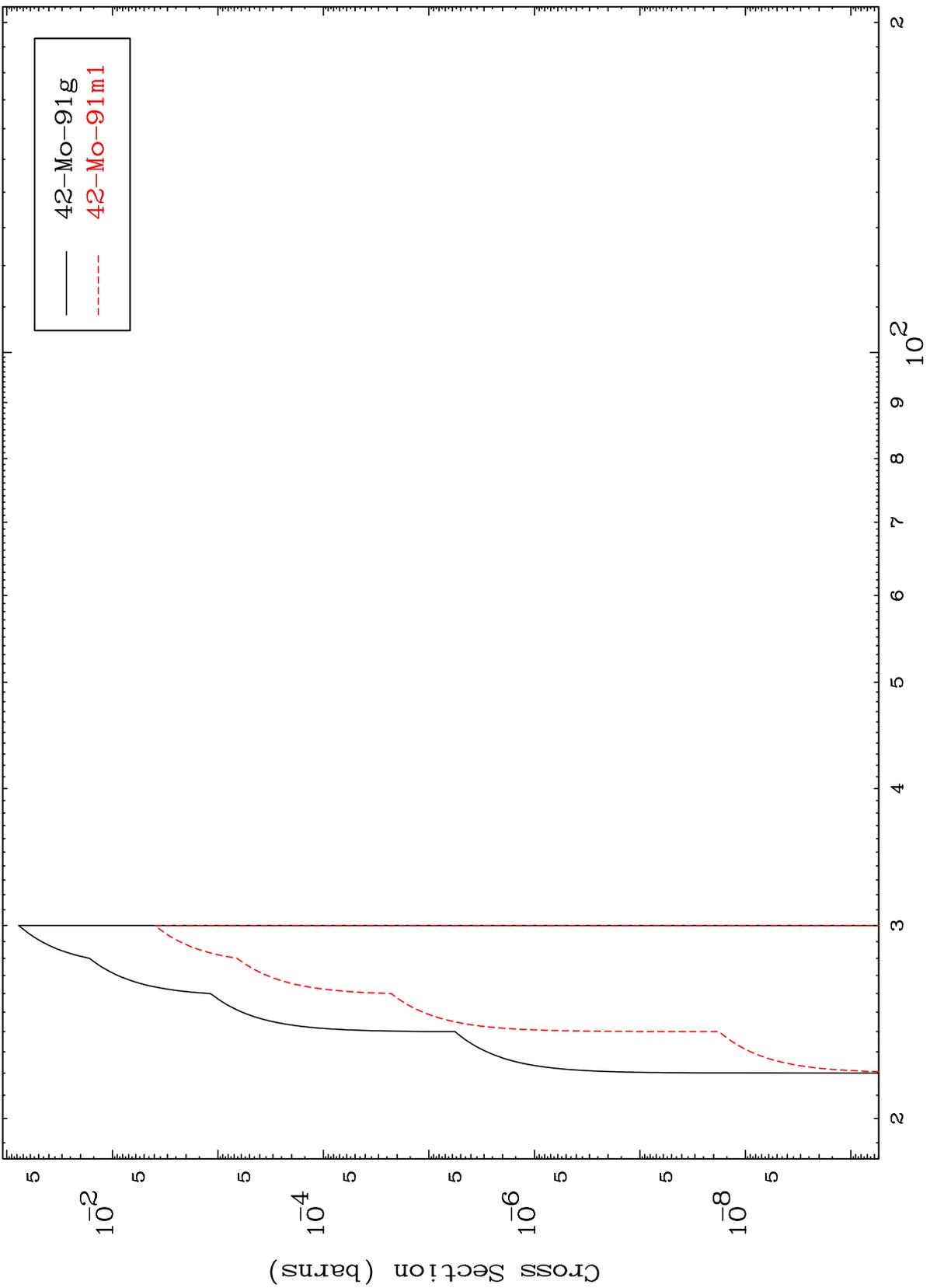
42-Mo-90

MAT 4219

(n,2n) p

42-Mo-90

Radionuclide Production Cross Section



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

15

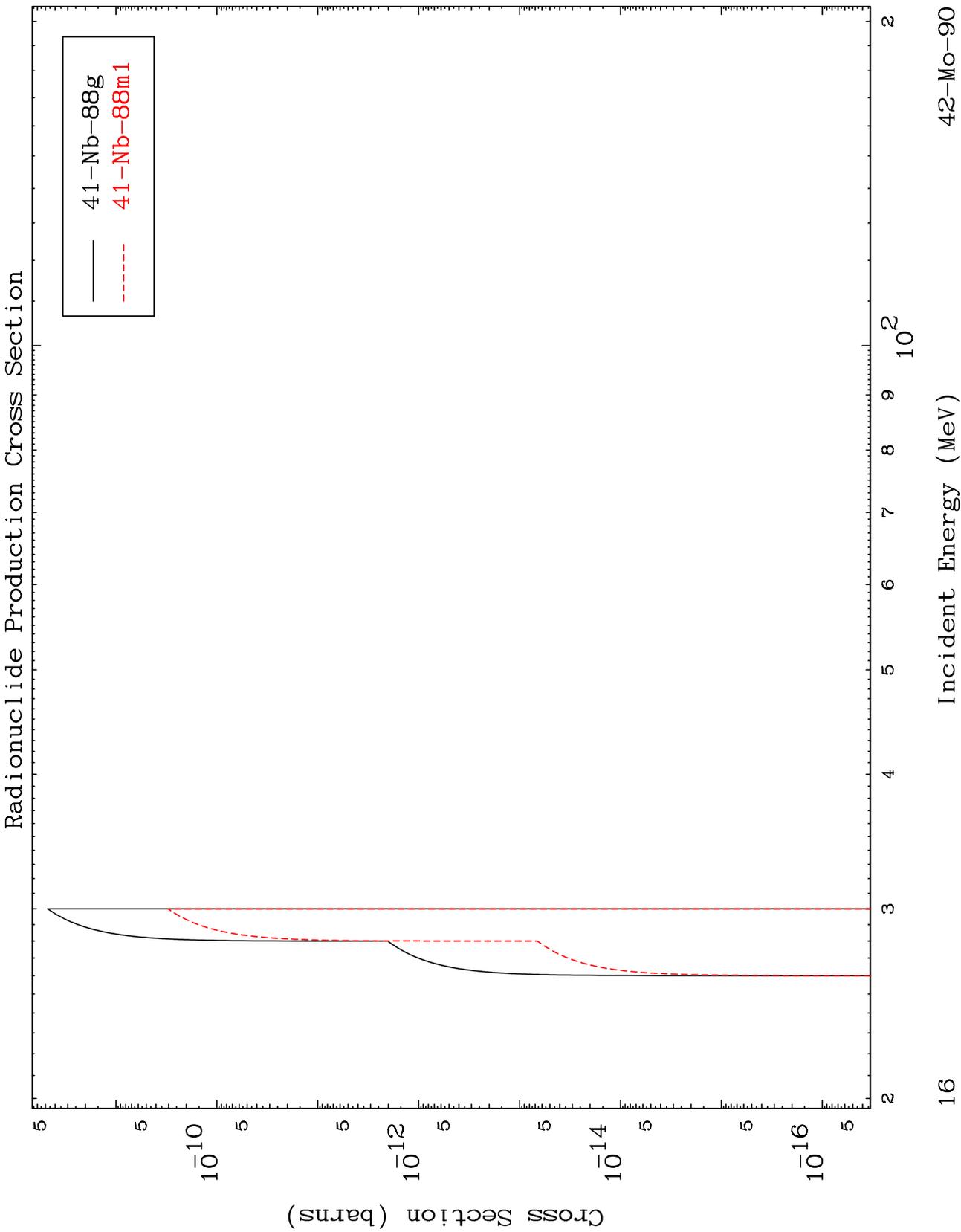
Incident Energy (MeV)

42-Mo-90

MAT 4219

(n,n') p  $\alpha$

42-Mo-90



16

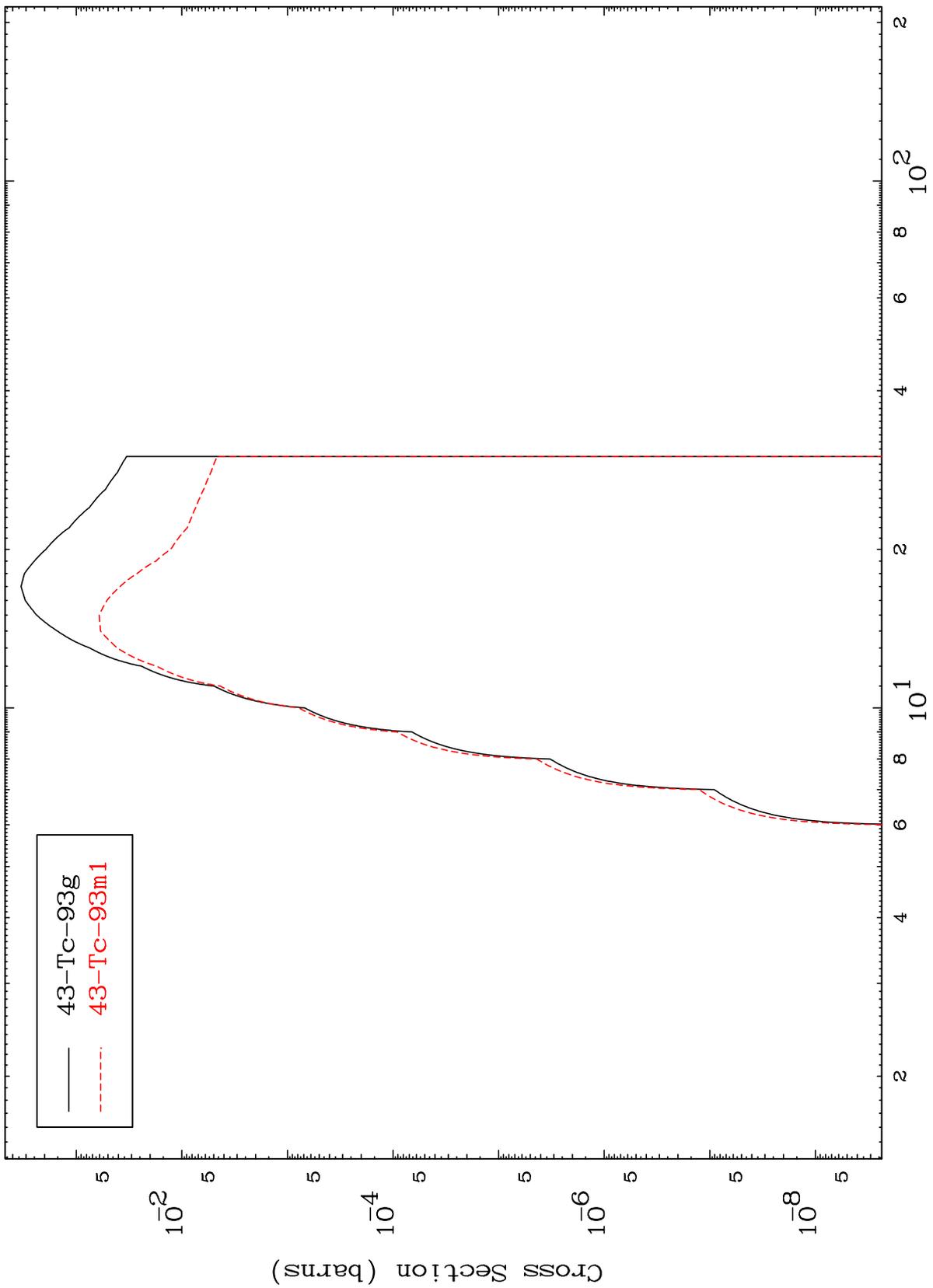
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

(n,p)  
Radionuclide Production Cross Section



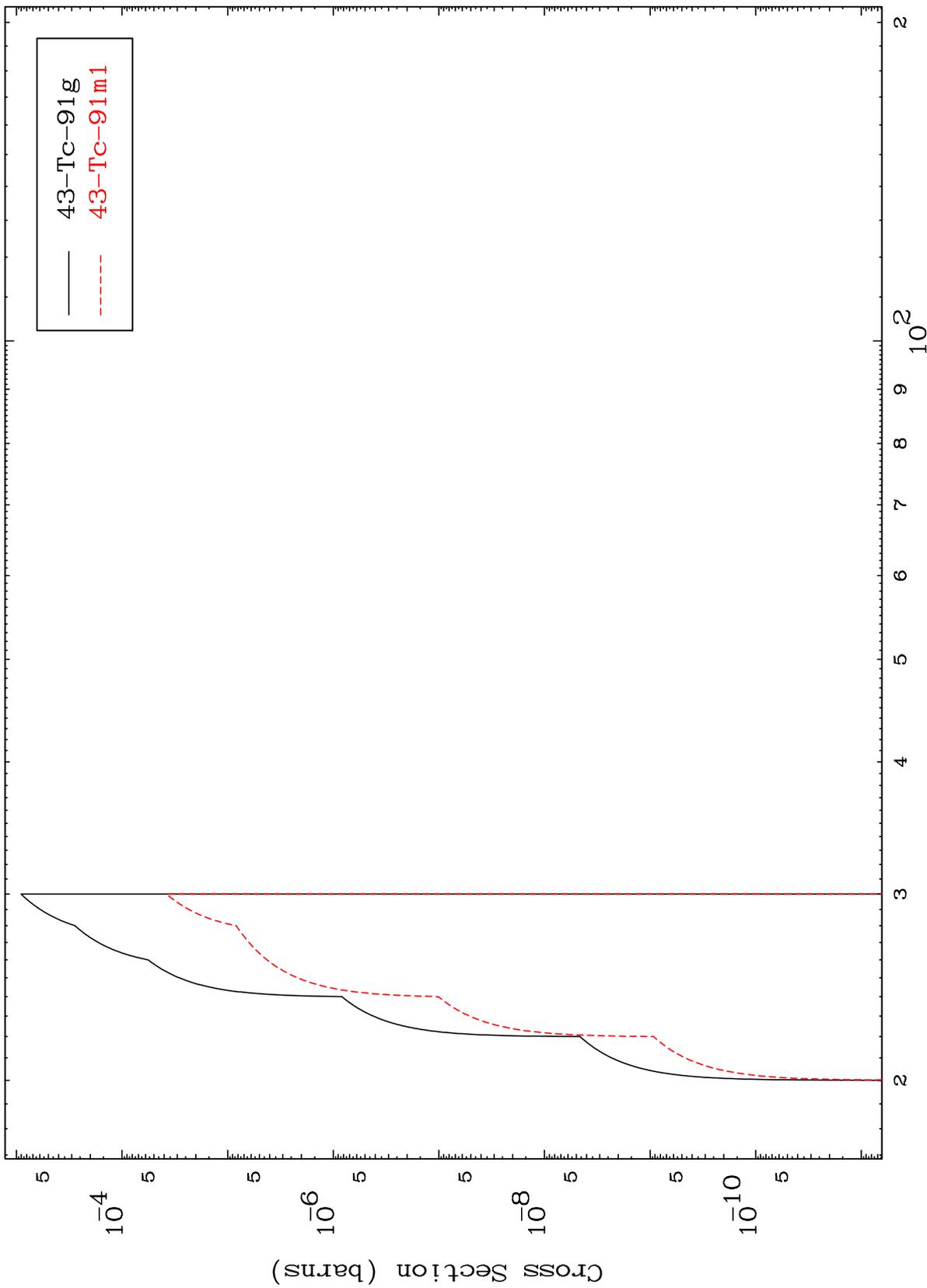
— 43-Tc-93g  
- - - 43-Tc-93m1

17

Incident Energy (MeV)

42-Mo-90

(n, t)  
Radionuclide Production Cross Section

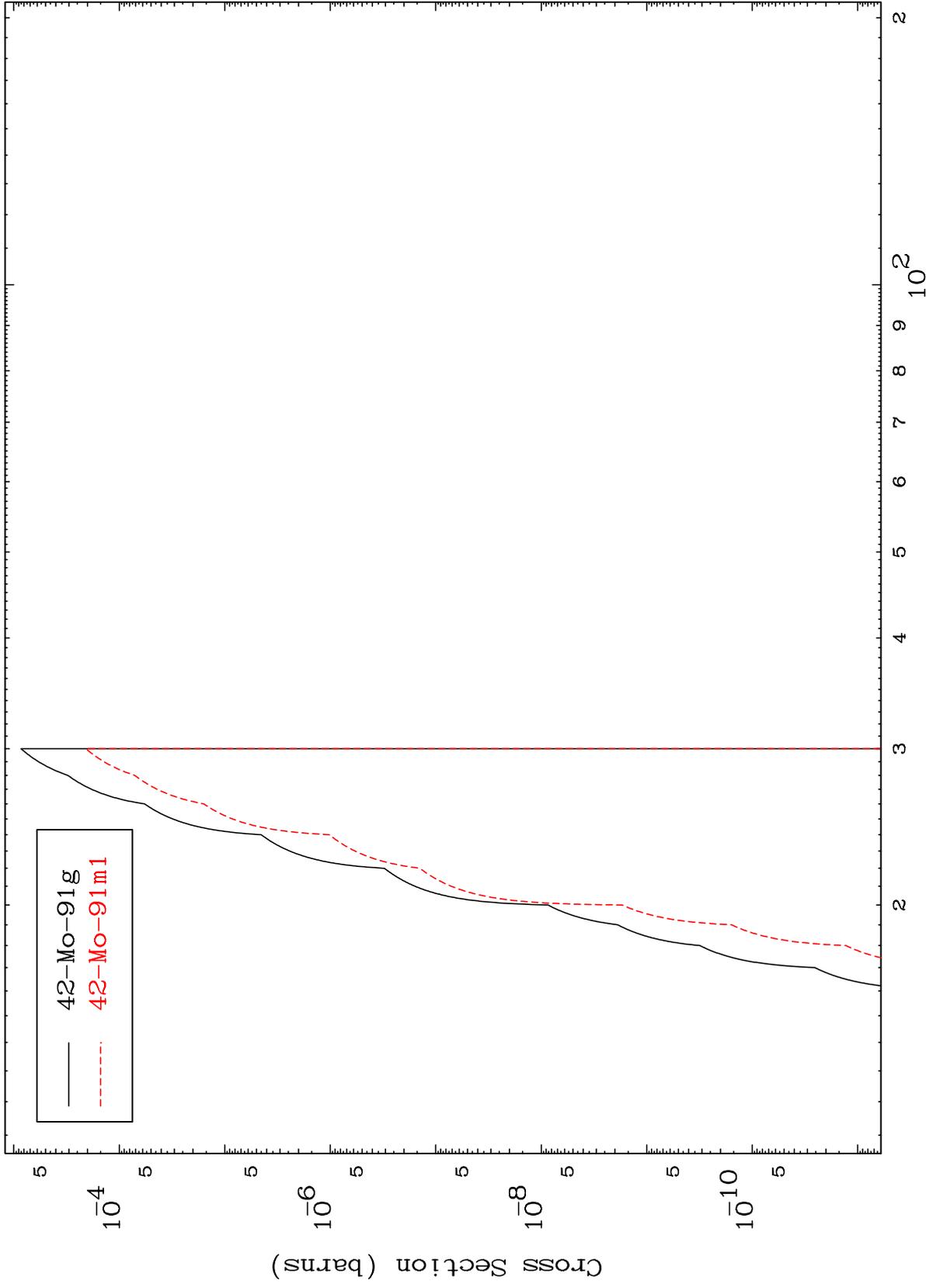


MAT 4219

(n,He-3)

42-Mo-90

Radionuclide Production Cross Section

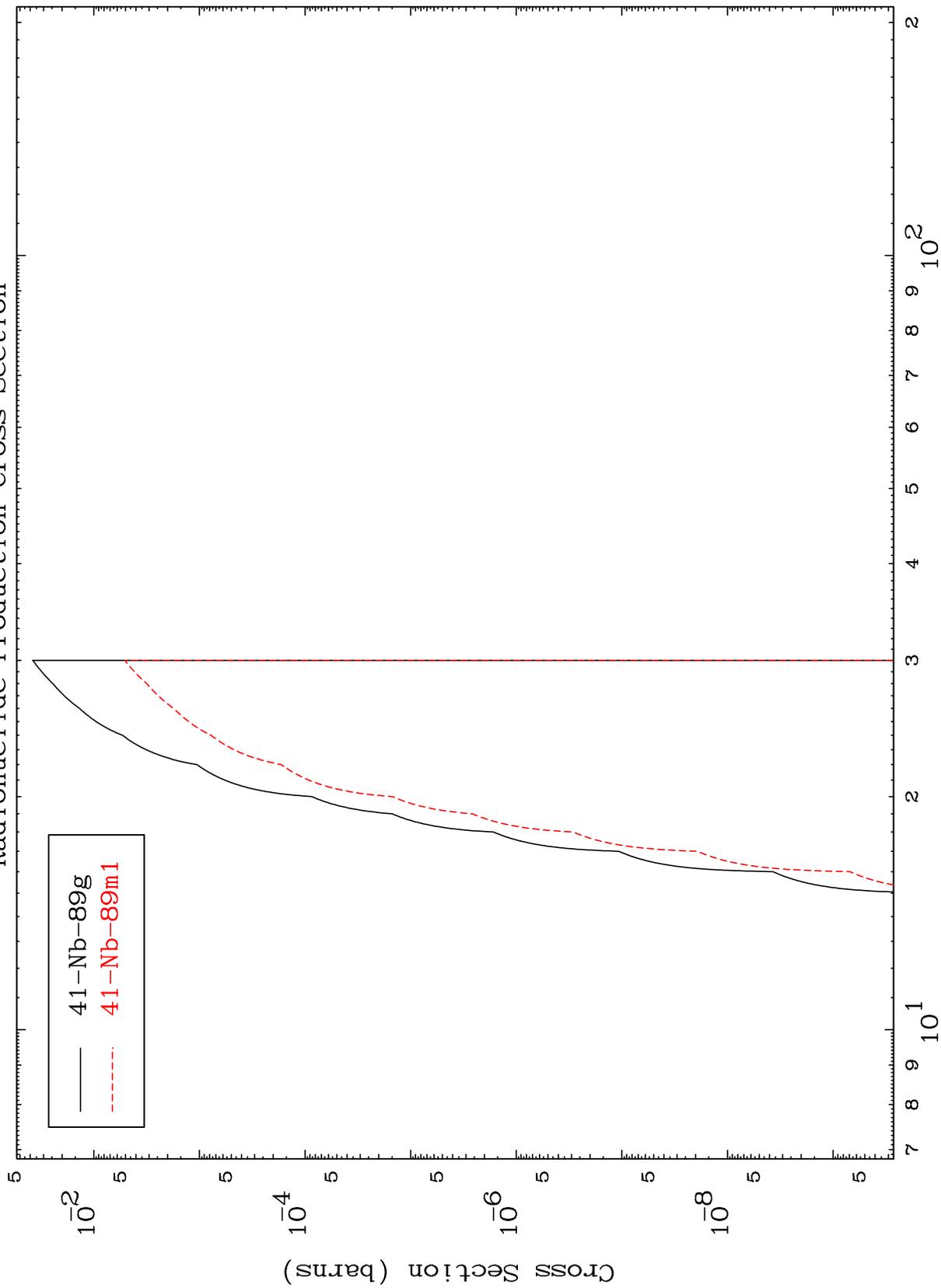


MAT 4219

(n,p)  $\alpha$

42-Mo-90

Radionuclide Production Cross Section



20

Incident Energy (MeV)

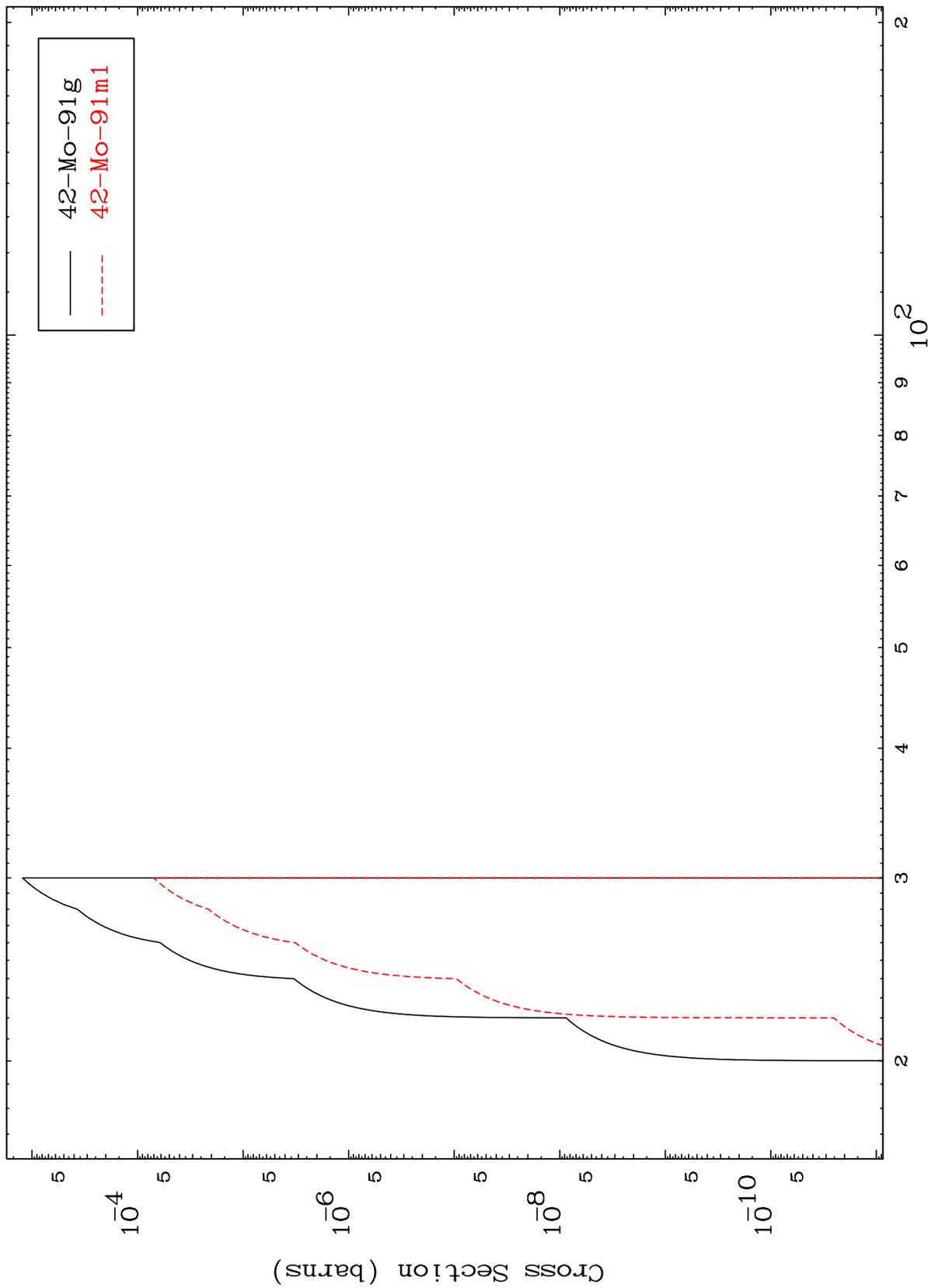
42-Mo-90

MAT 4219

(n,p) d

42-Mo-90

Radionuclide Production Cross Section



21

Incident Energy (MeV)

42-Mo-90