

Program EVALPLOT  
(Version 2021-1)

by

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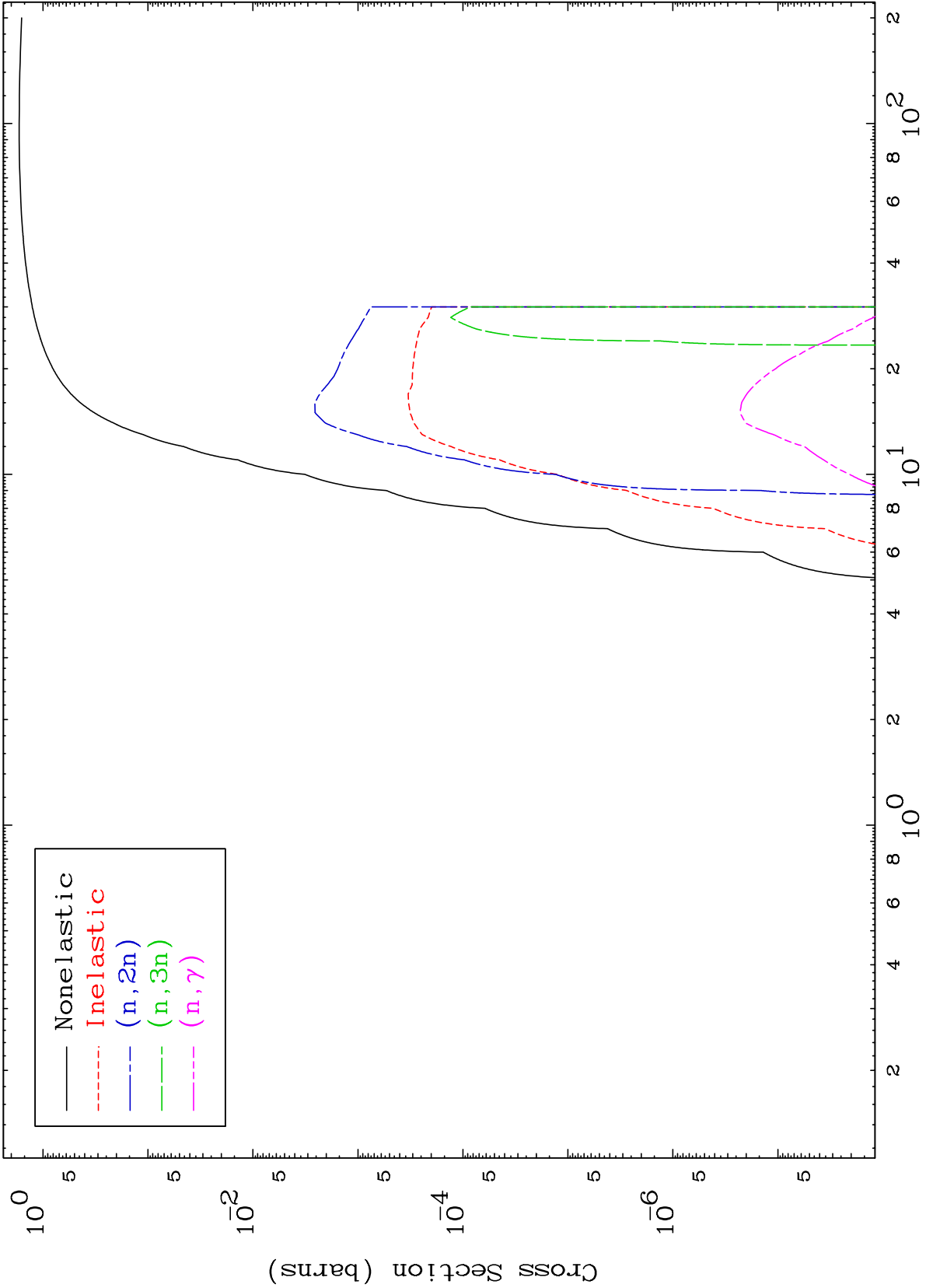
Press Mouse Button to Start

MAT 4223

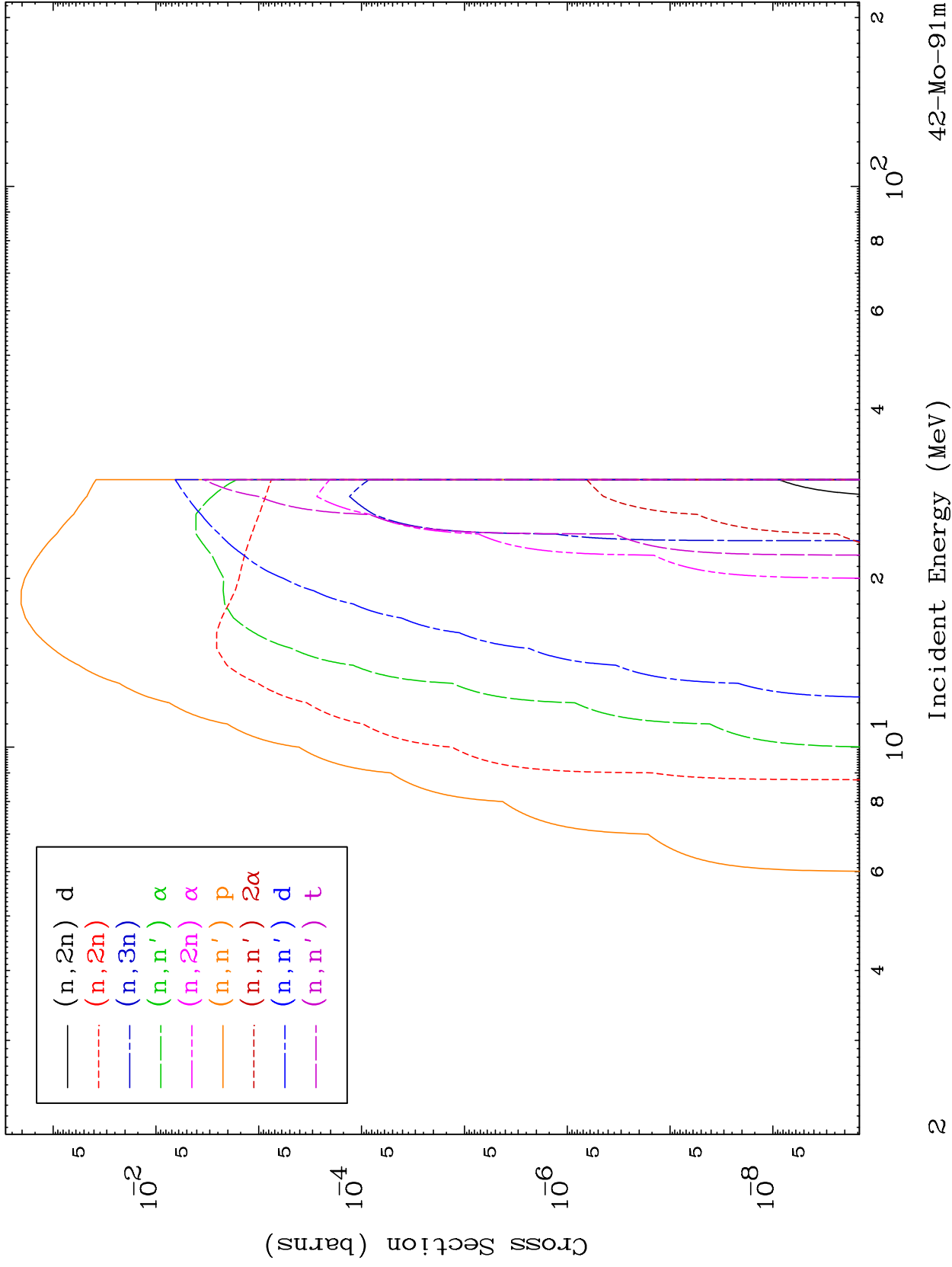
He-3 Major

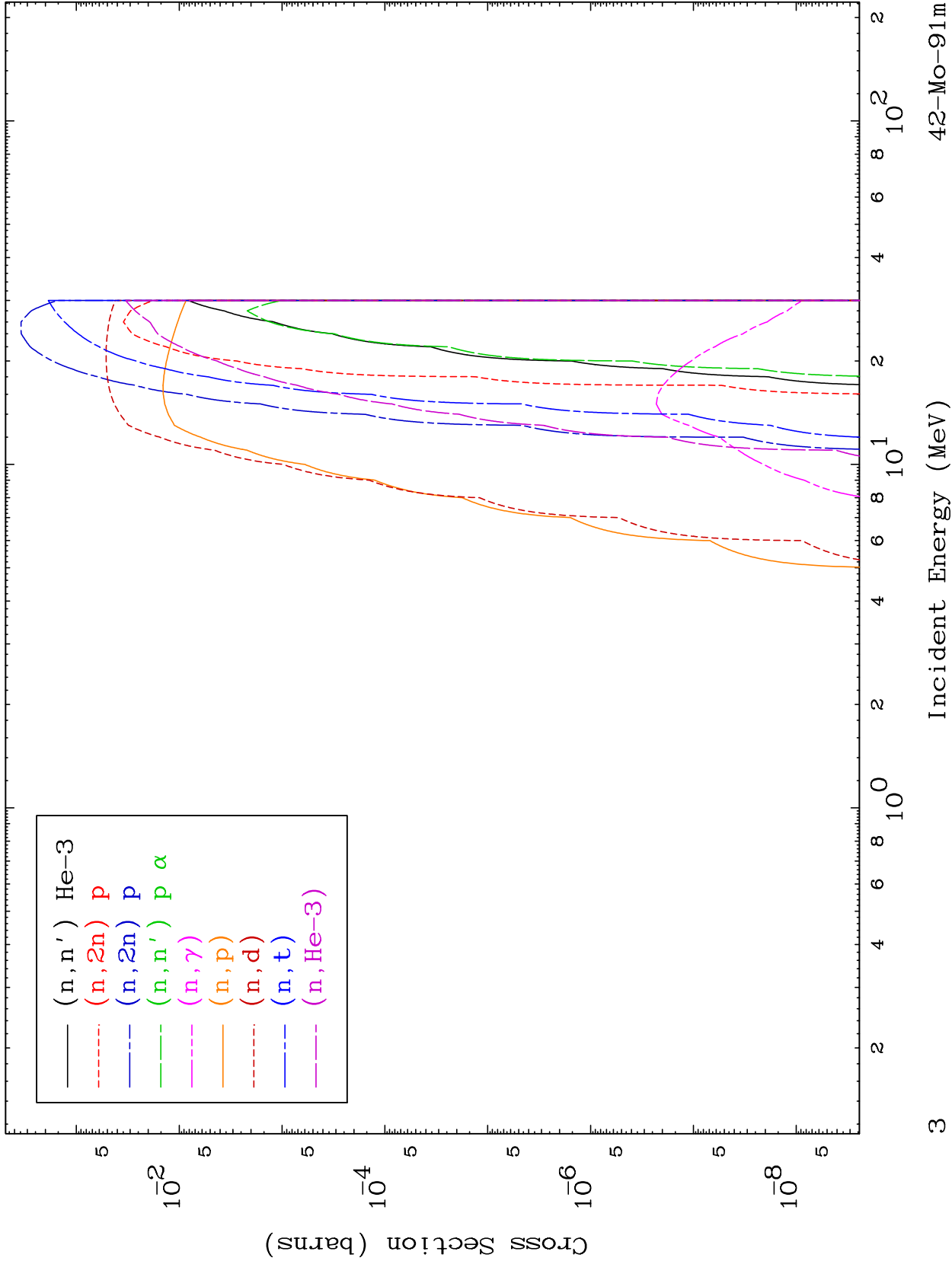
42-Mo-91m

0 Kelvin Cross Sections



Legend:  
— Nonelastic  
- - - Inelastic  
- . - (n,2n)  
- - - (n,3n)  
- - - (n, $\gamma$ )

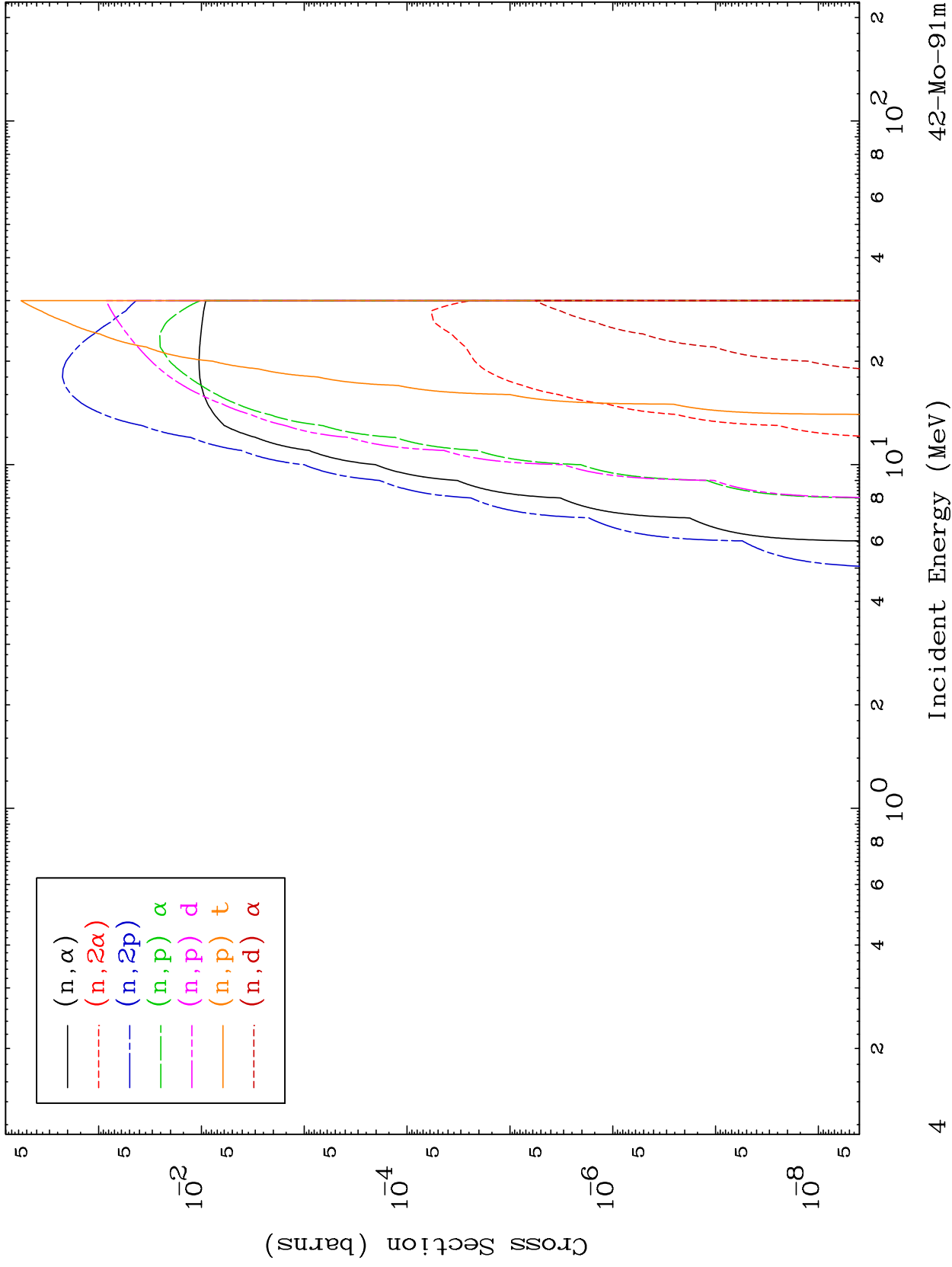


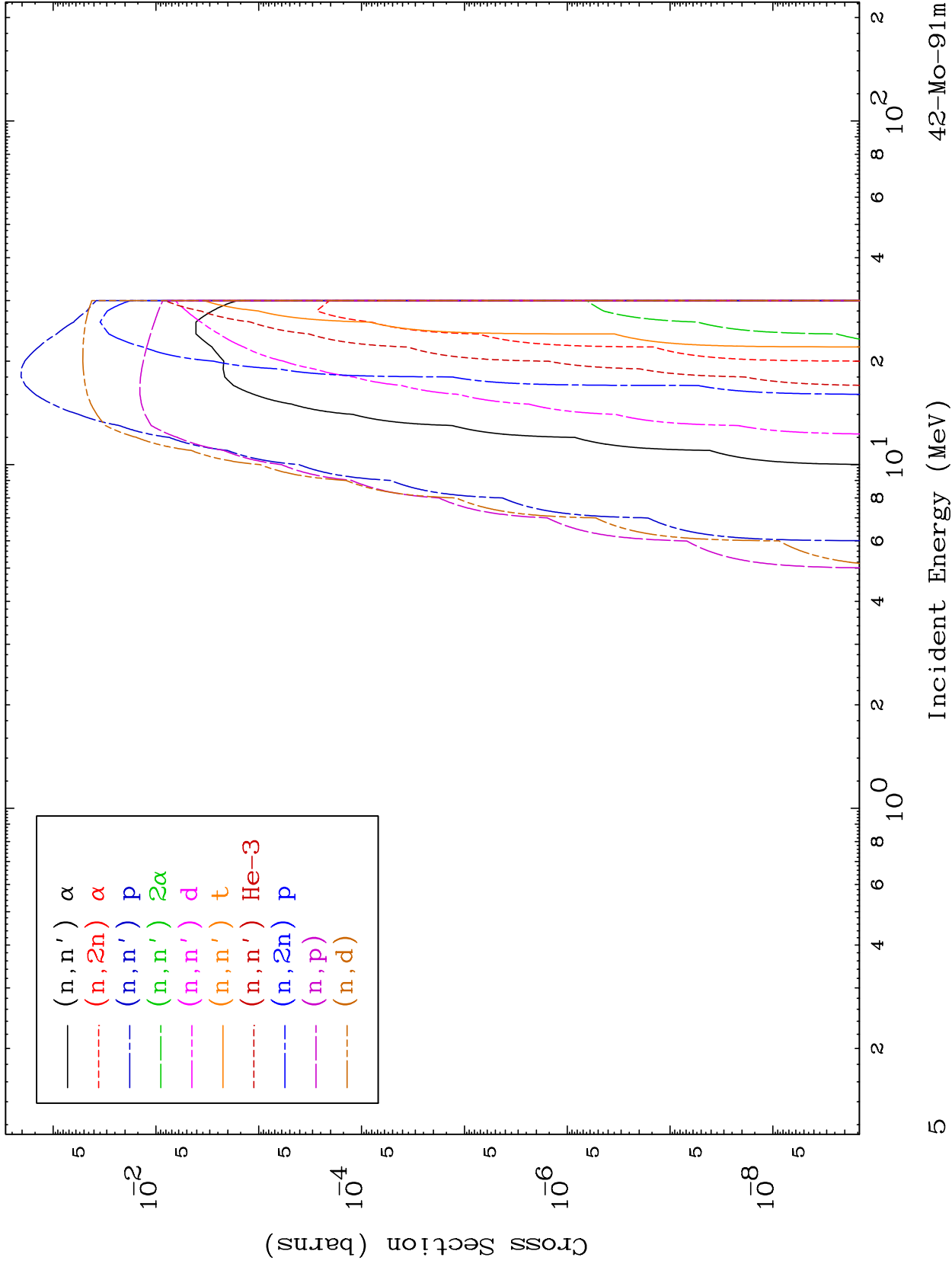


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He-3 Neutron Absorption  
0 Kelvin Cross Sections

42-Mo-91m

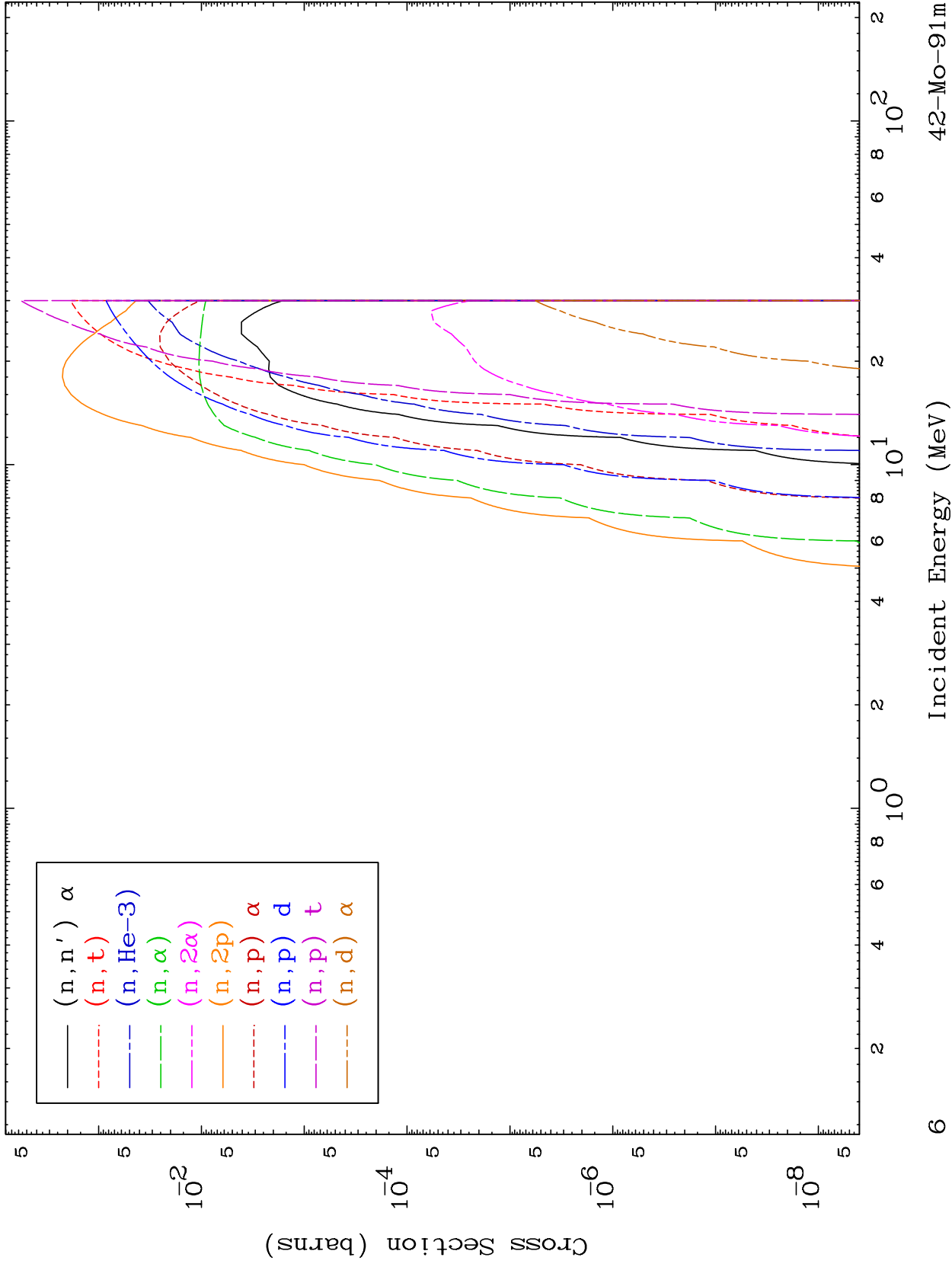




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He-3 Charged Particle  
0 Kelvin Cross Sections

42-Mo-91m

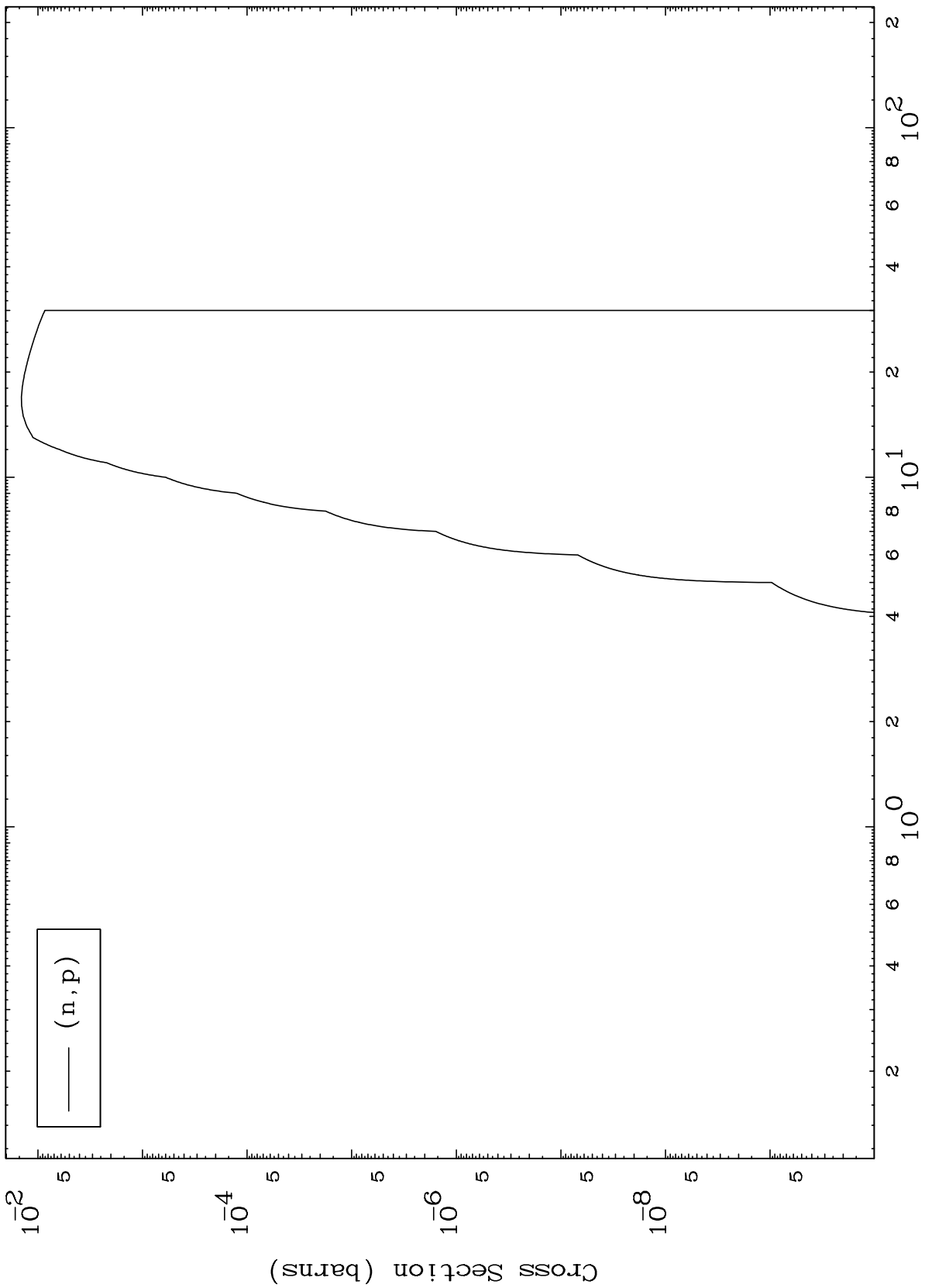


MAT 4223

(He-3,p) Levels

42-Mo-91m

0 Kelvin Cross Sections

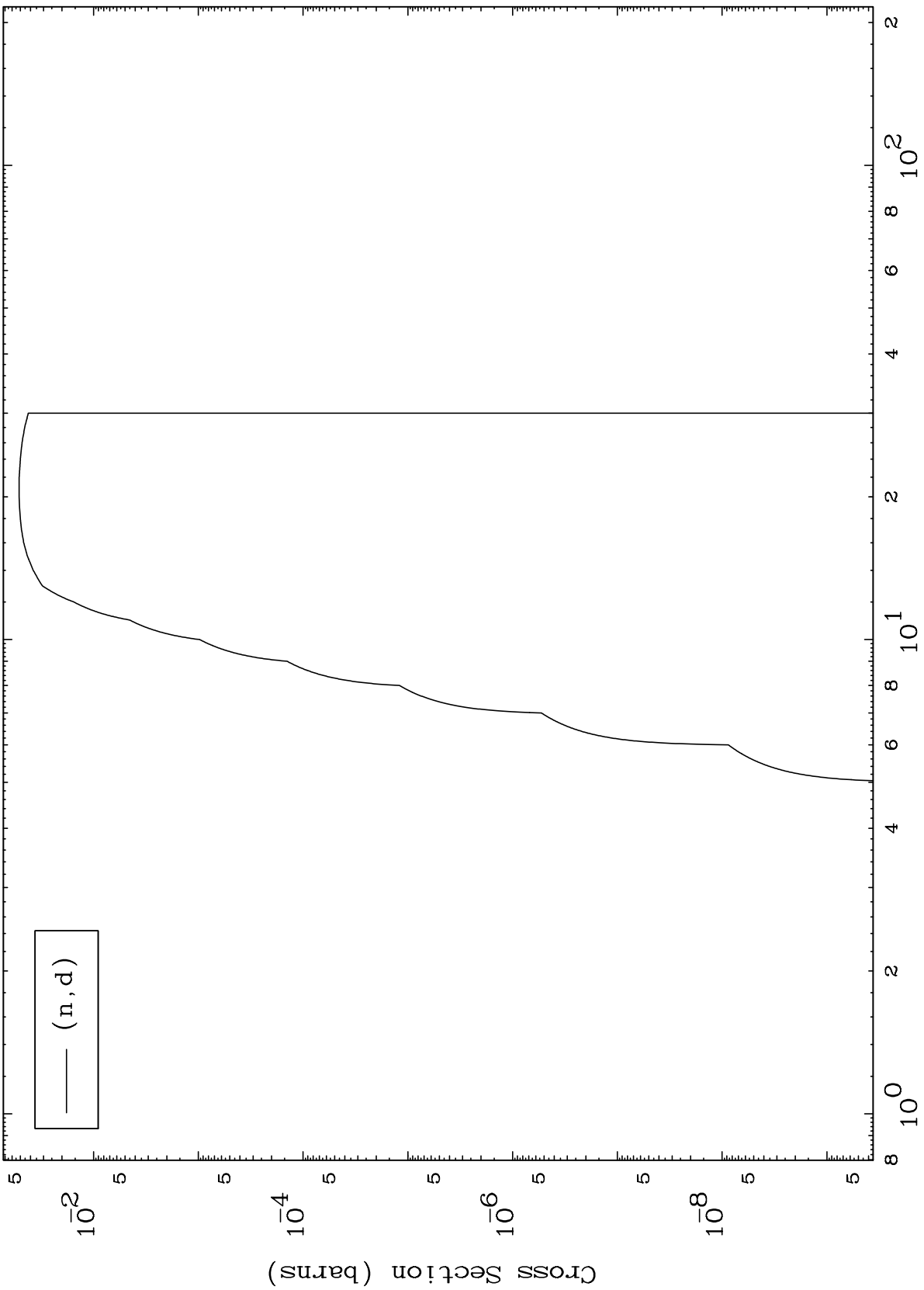


MAT 4223

(He-3,d) Levels

42-Mo-91m

0 Kelvin Cross Sections



(n,d)

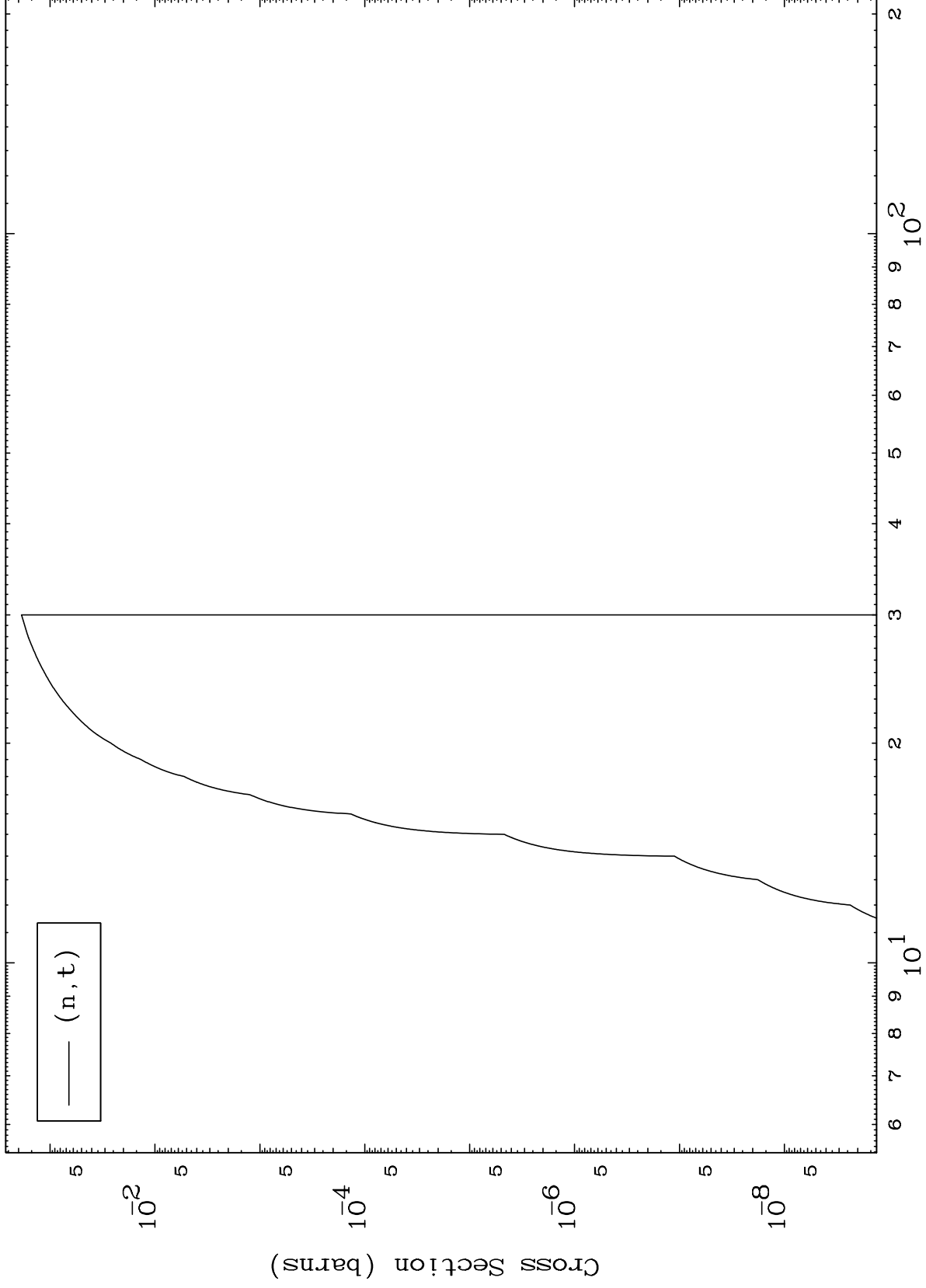
Incident Energy (MeV)

42-Mo-91m

MAT 4223

(He-3,t) Levels  
0 Kelvin Cross Sections

42-Mo-91m



9

Incident Energy (MeV)

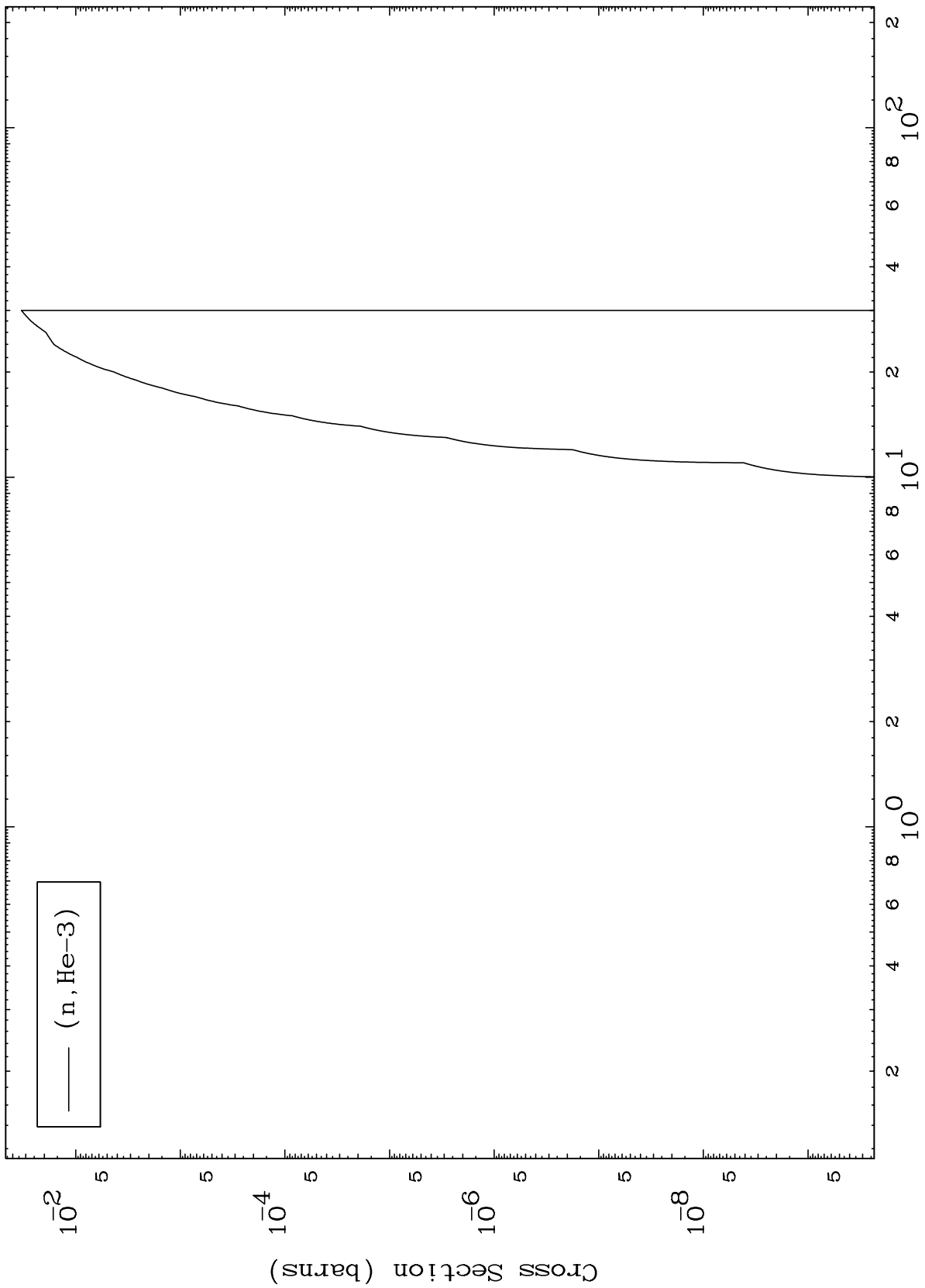
42-Mo-91m

MAT 4223

(He-3, He3) Levels

42-Mo-91m

0 Kelvin Cross Sections



10

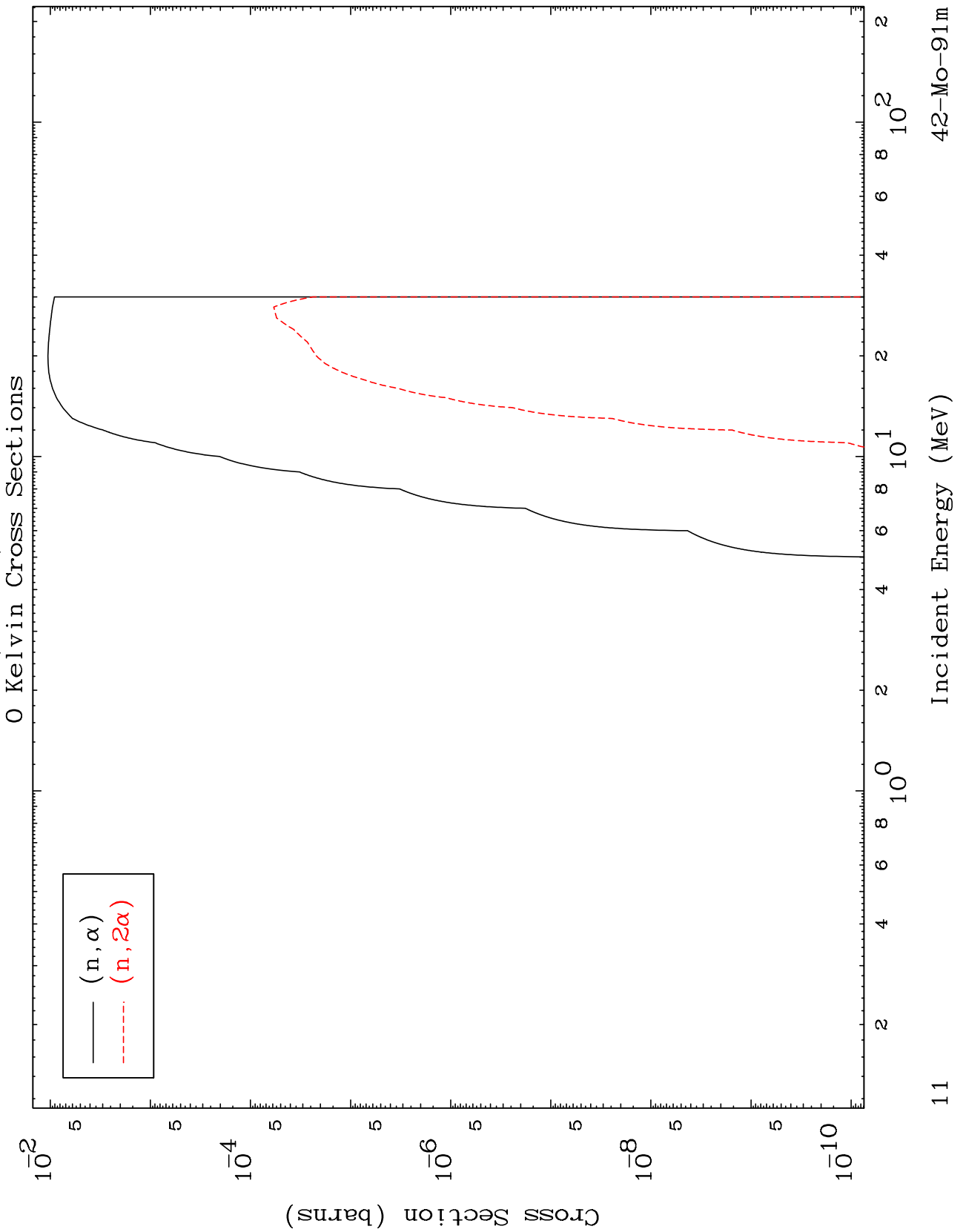
Incident Energy (MeV)

42-Mo-91m

MAT 4223

(He-3,  $\alpha$ ) Levels

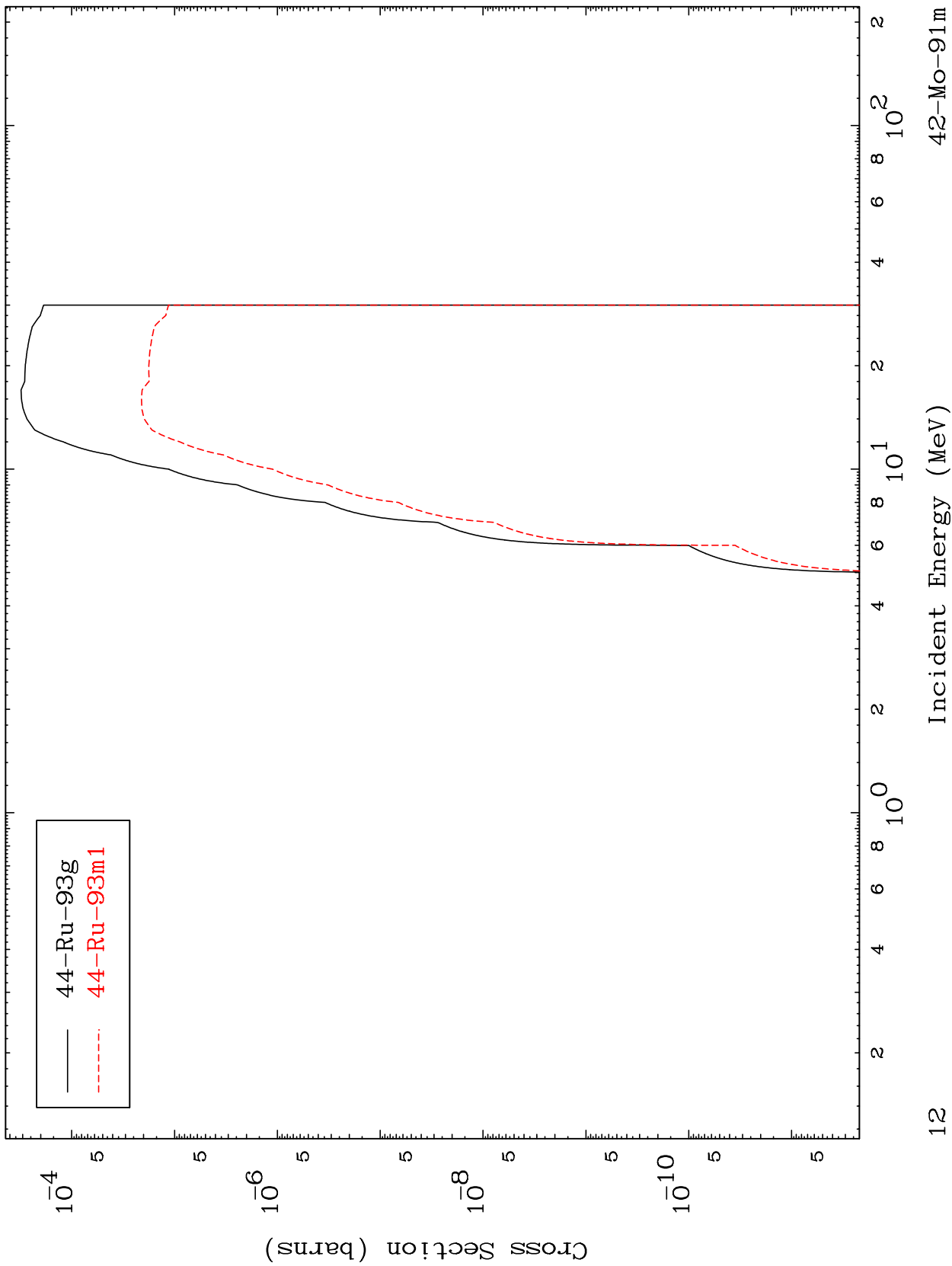
42-Mo-91m



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42-Mo-91m

Radionuclide Production Cross Section



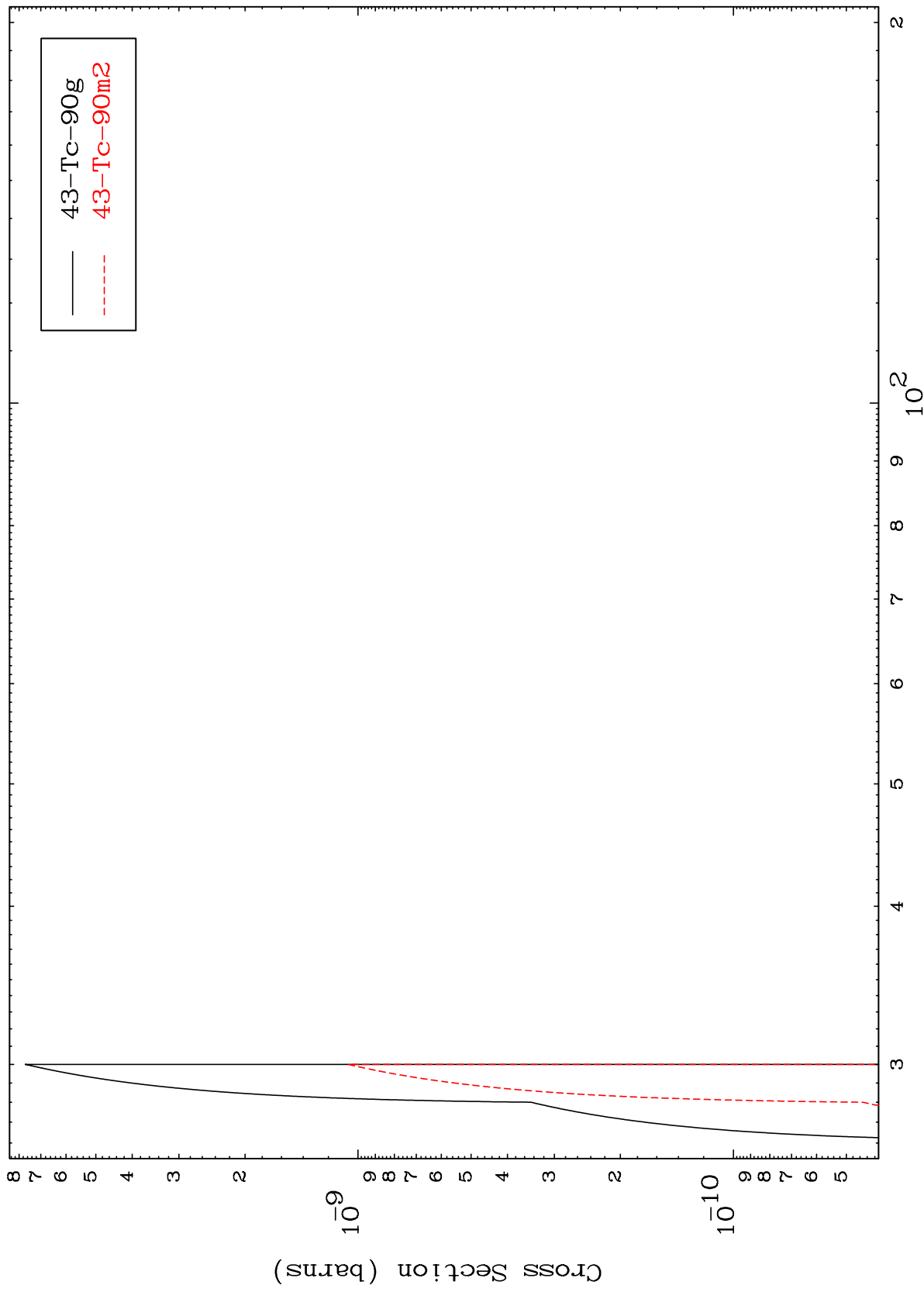
12

42-Mo-91m

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42-Mo-91m

(n,2n) d  
Radionuclide Production Cross Section



13

42-Mo-91m

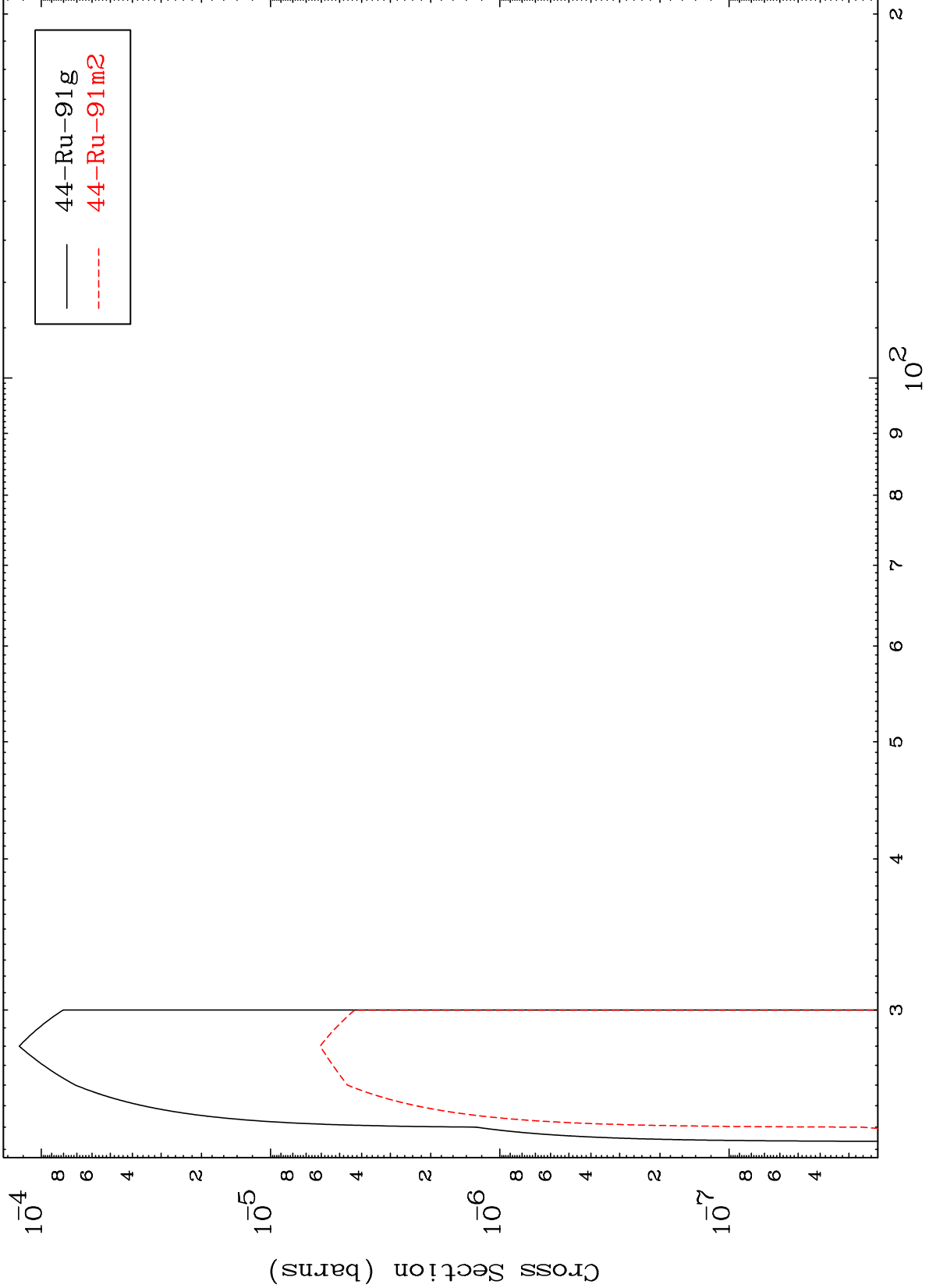
Incident Energy (MeV)

MAT 4223

(n,3n)

42-Mo-91m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

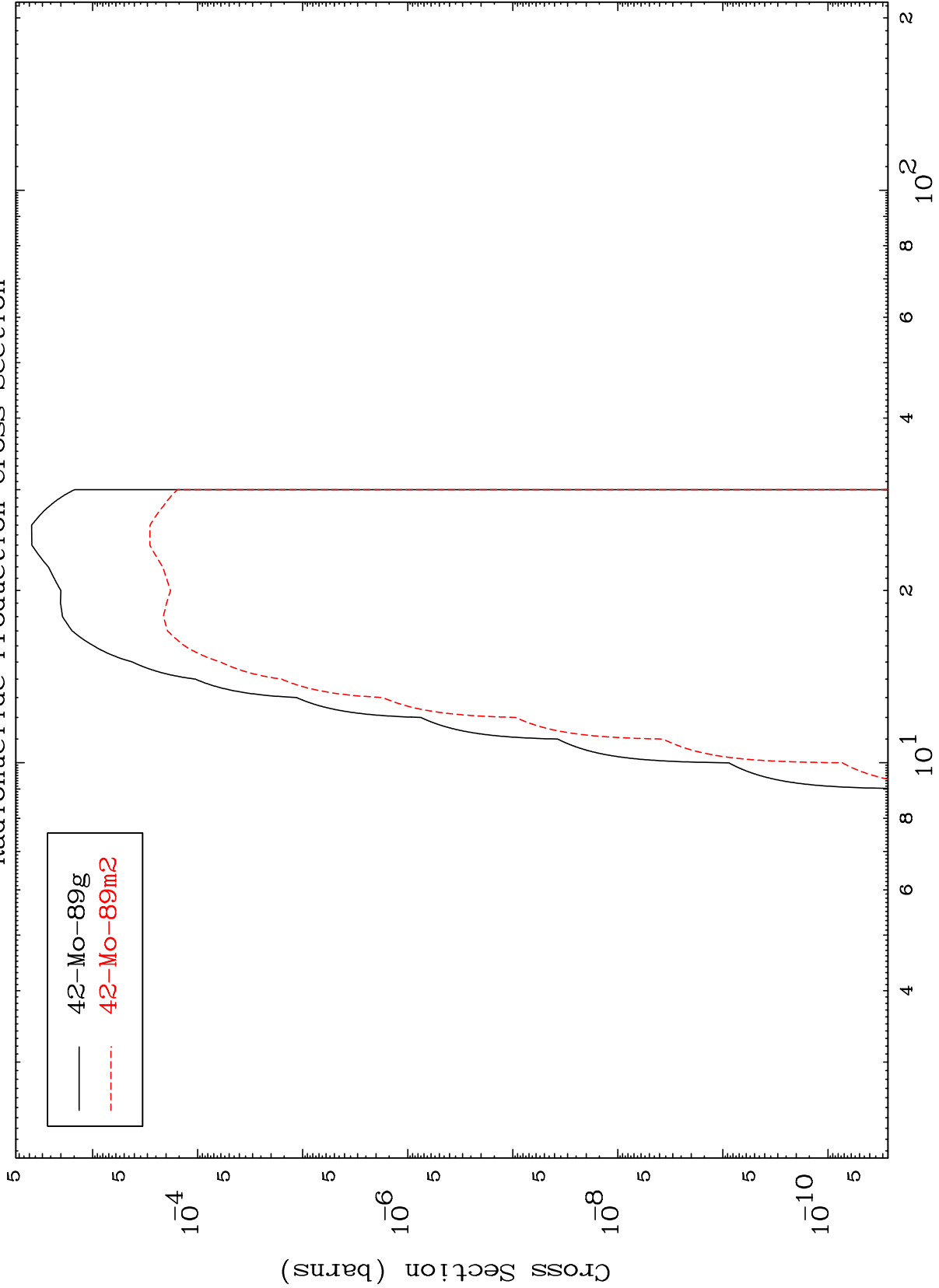
42-Mo-91m

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42-Mo-91m

(n,n')  $\alpha$

Radionuclide Production Cross Section



15

42-Mo-91m

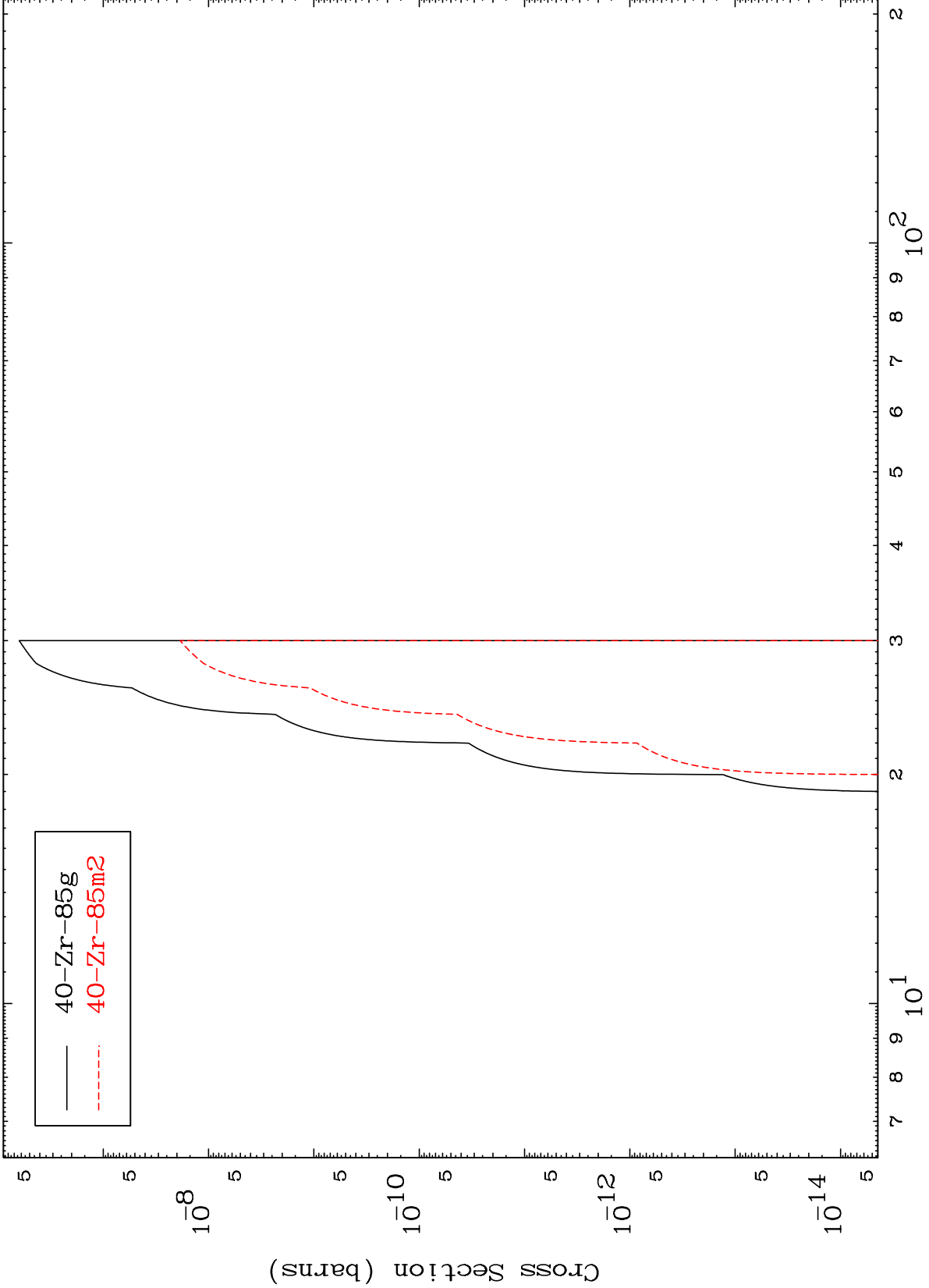
Incident Energy (MeV)

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(n,n') 2α

42-Mo-91m

Radionuclide Production Cross Section



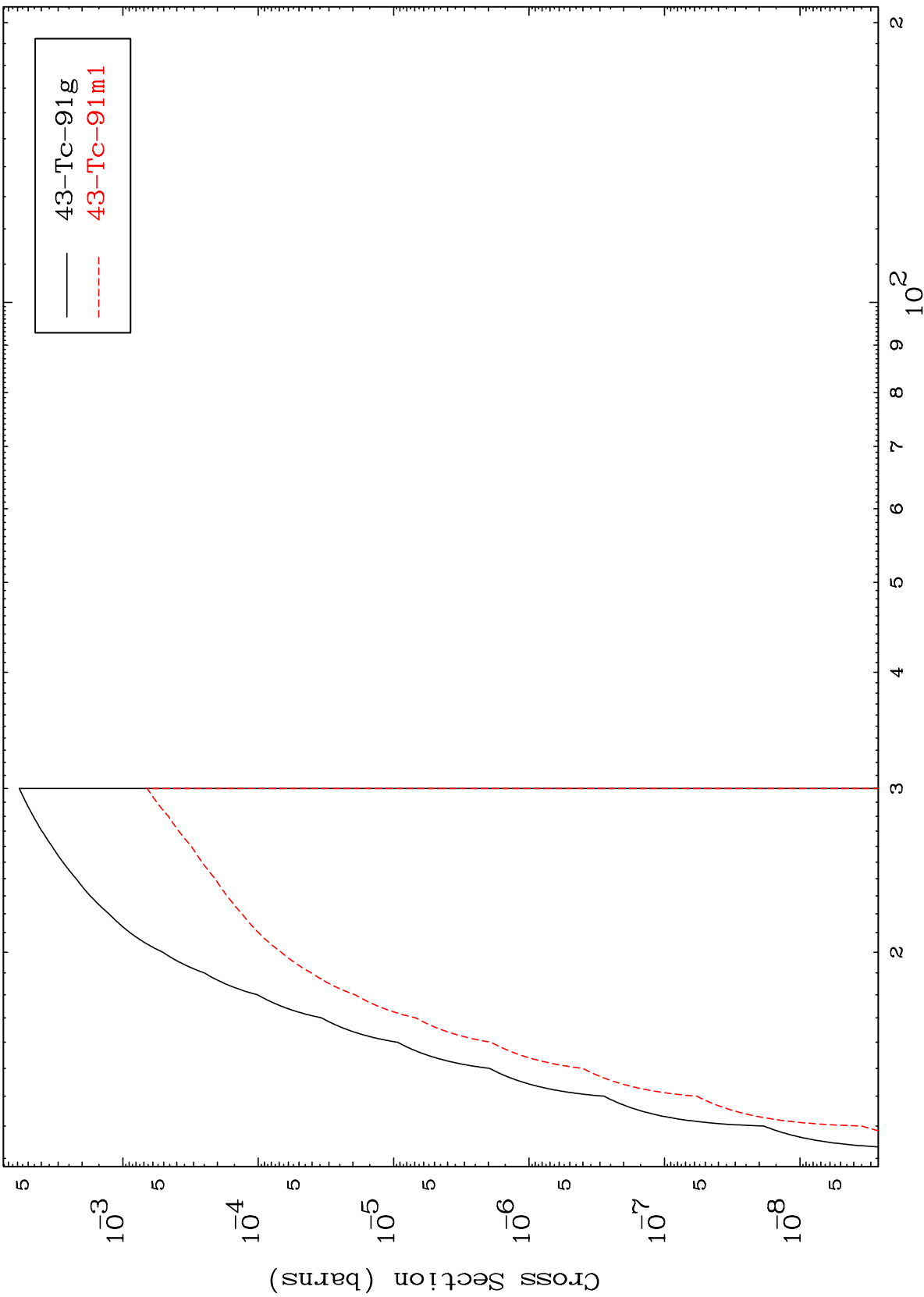
— 40-Zr-85g  
- - - 40-Zr-85m2

16

Incident Energy (MeV)

42-Mo-91m

Radionuclide Production Cross Section



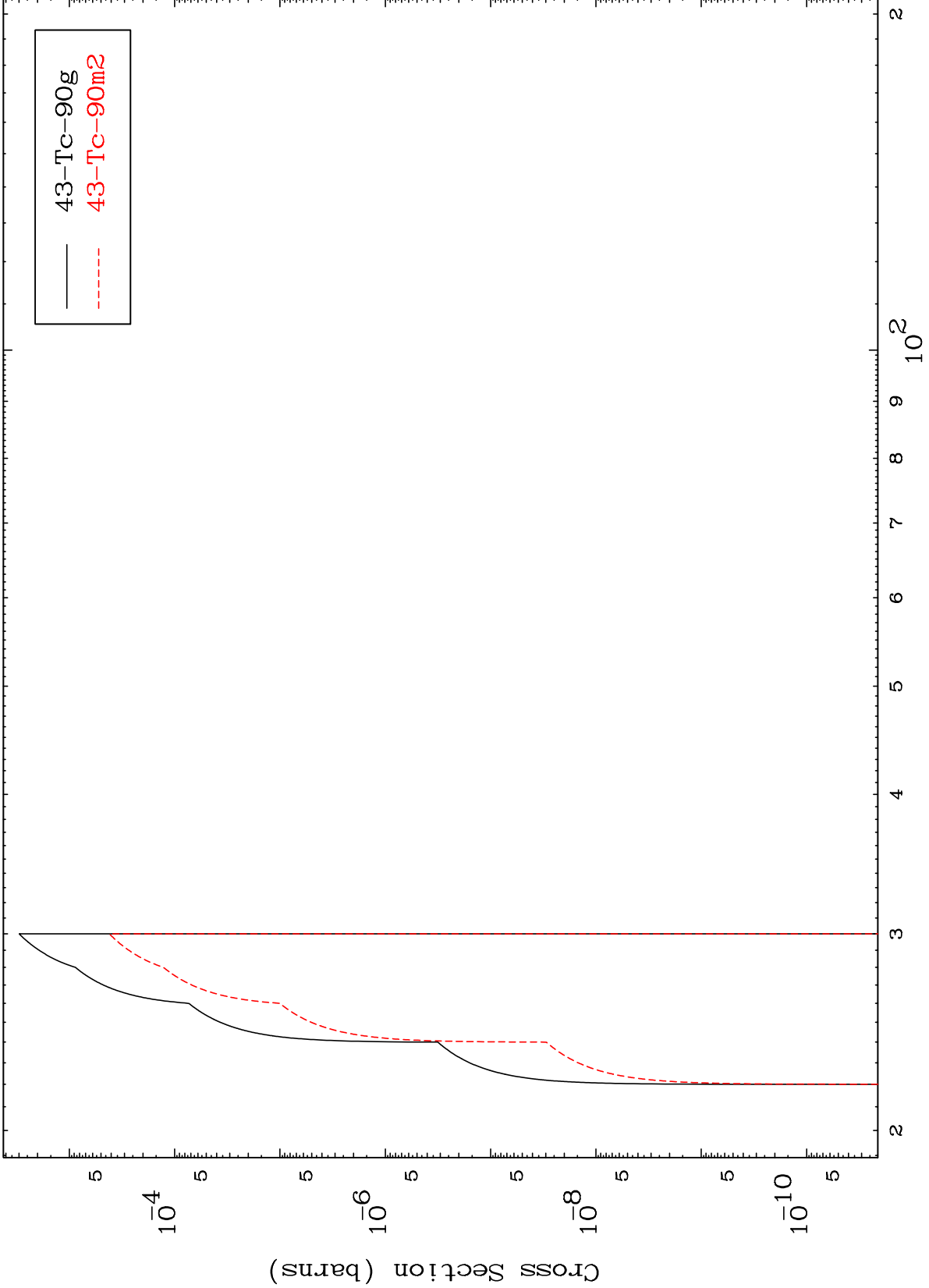
43-Tc-91g  
43-Tc-91m1

MAT 4223

(n,n') t

42-Mo-91m

Radionuclide Production Cross Section

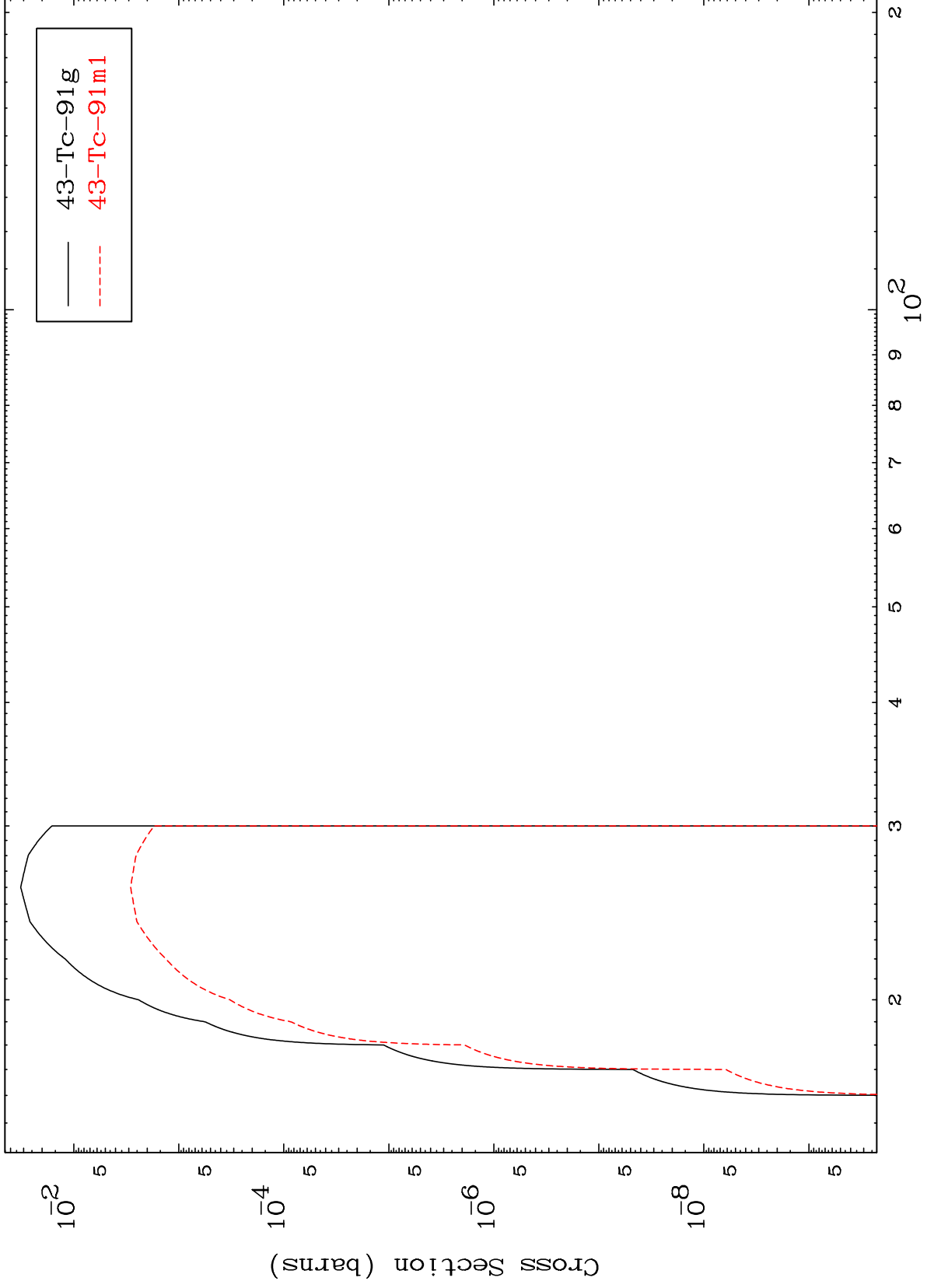


18

Incident Energy (MeV)

42-Mo-91m

Radionuclide Production Cross Section



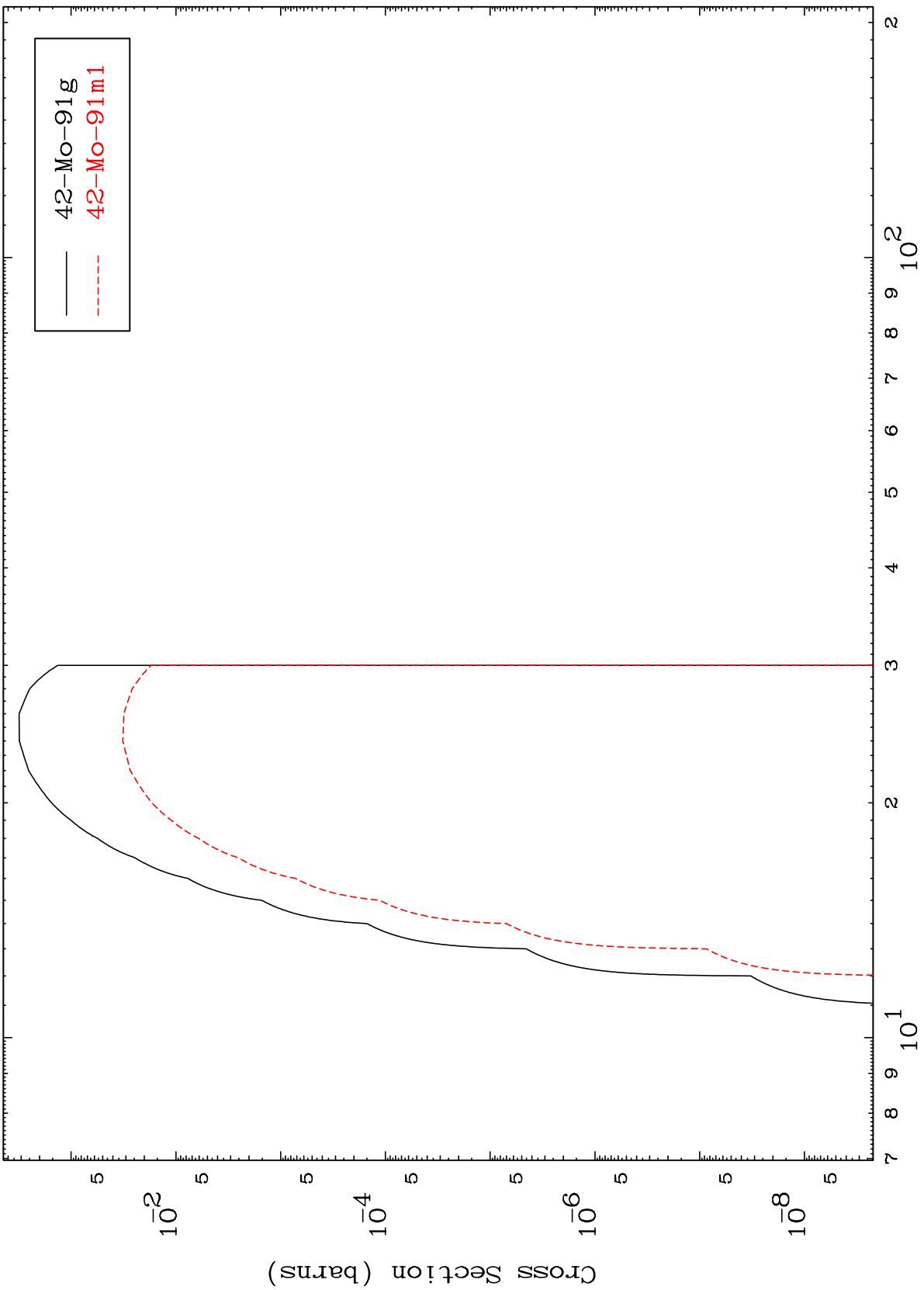
43-Tc-91g  
43-Tc-91m1

MAT 4223

(n,2n) p

42-Mo-91m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

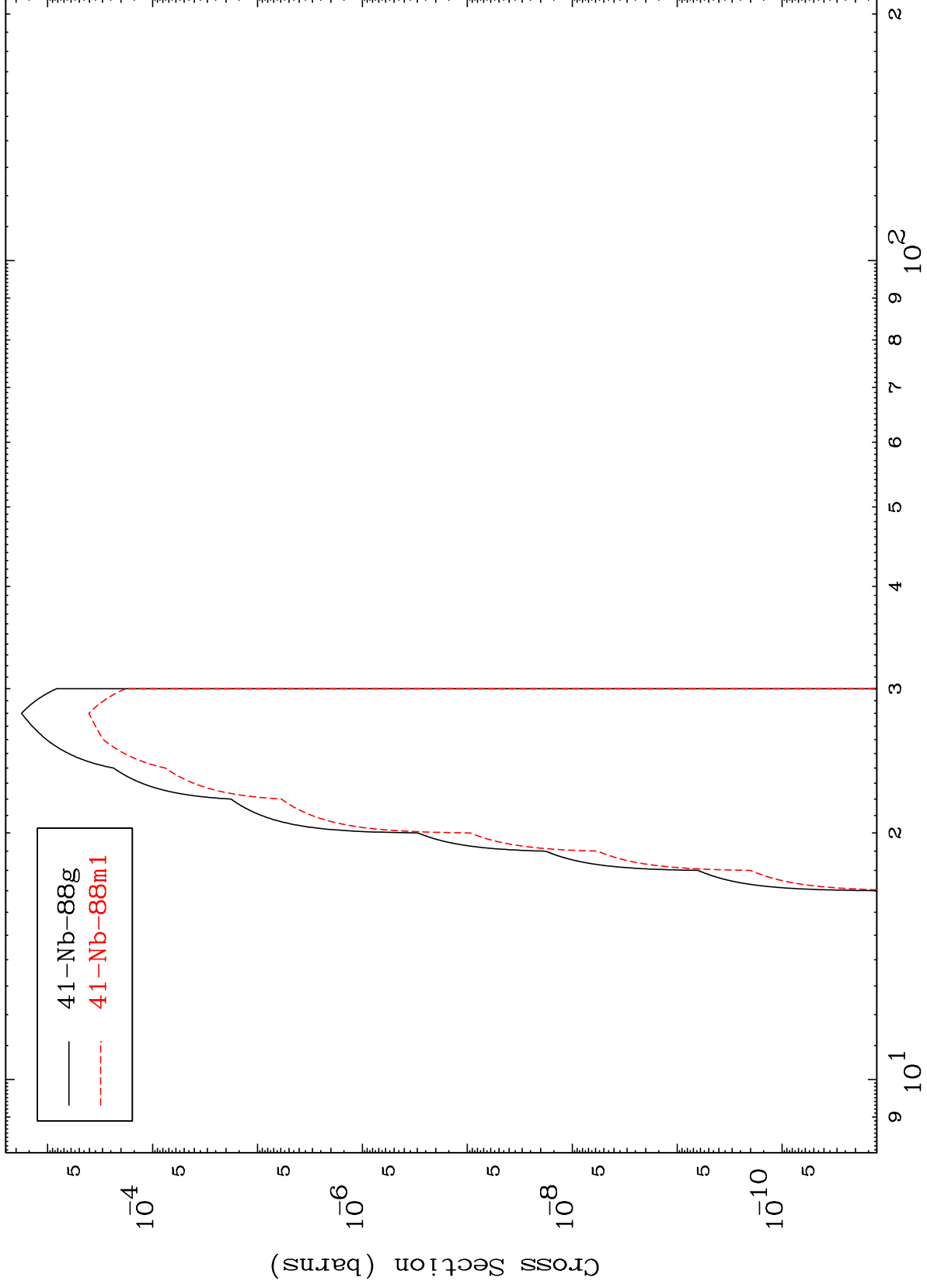
42-Mo-91m

MAT 4223

(n,n') p  $\alpha$

42-Mo-91m

Radionuclide Production Cross Section



21

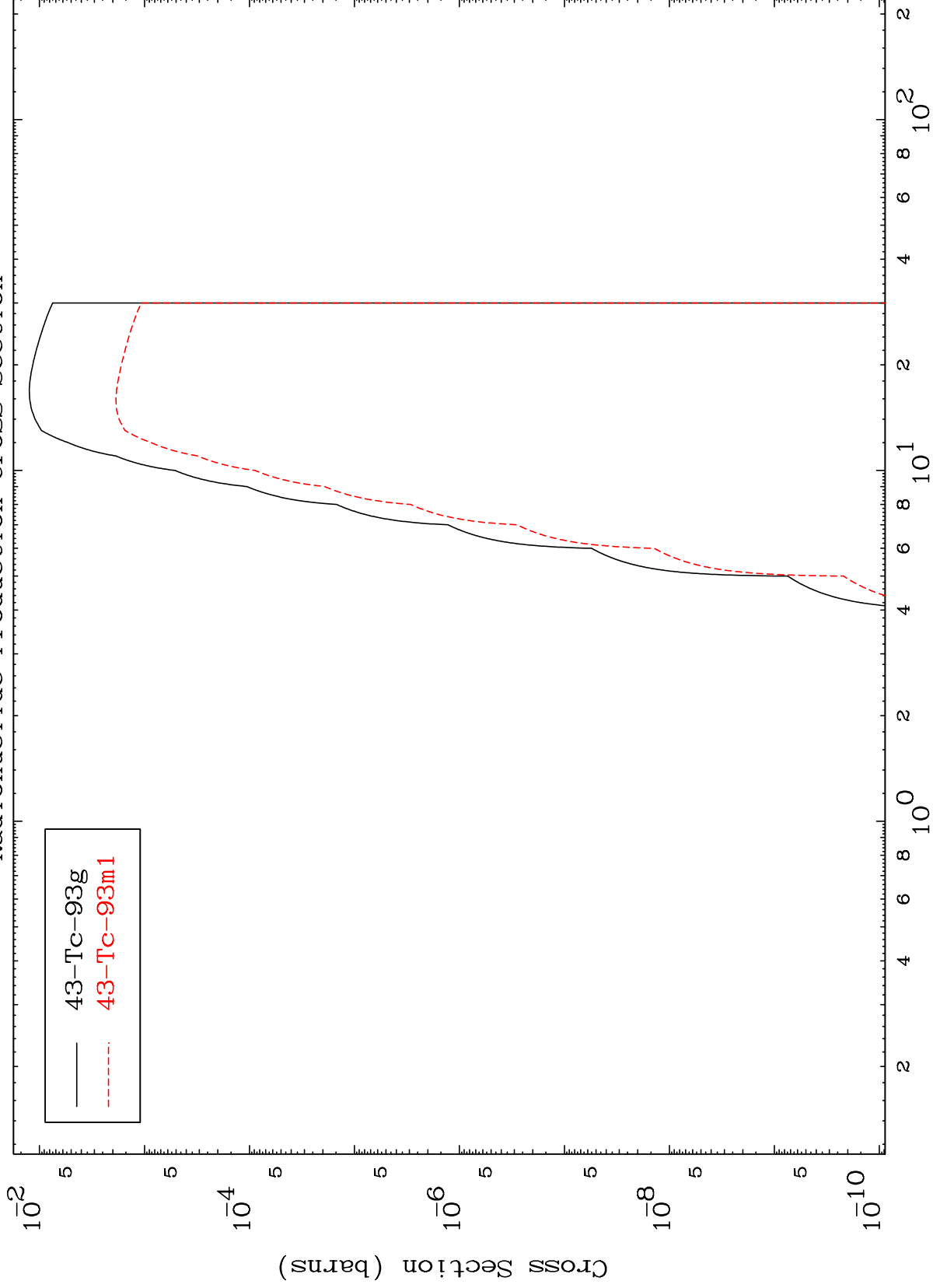
Incident Energy (MeV)

42-Mo-91m

MAT 4223

42-Mo-91m

Radionuclide Production Cross Section



22

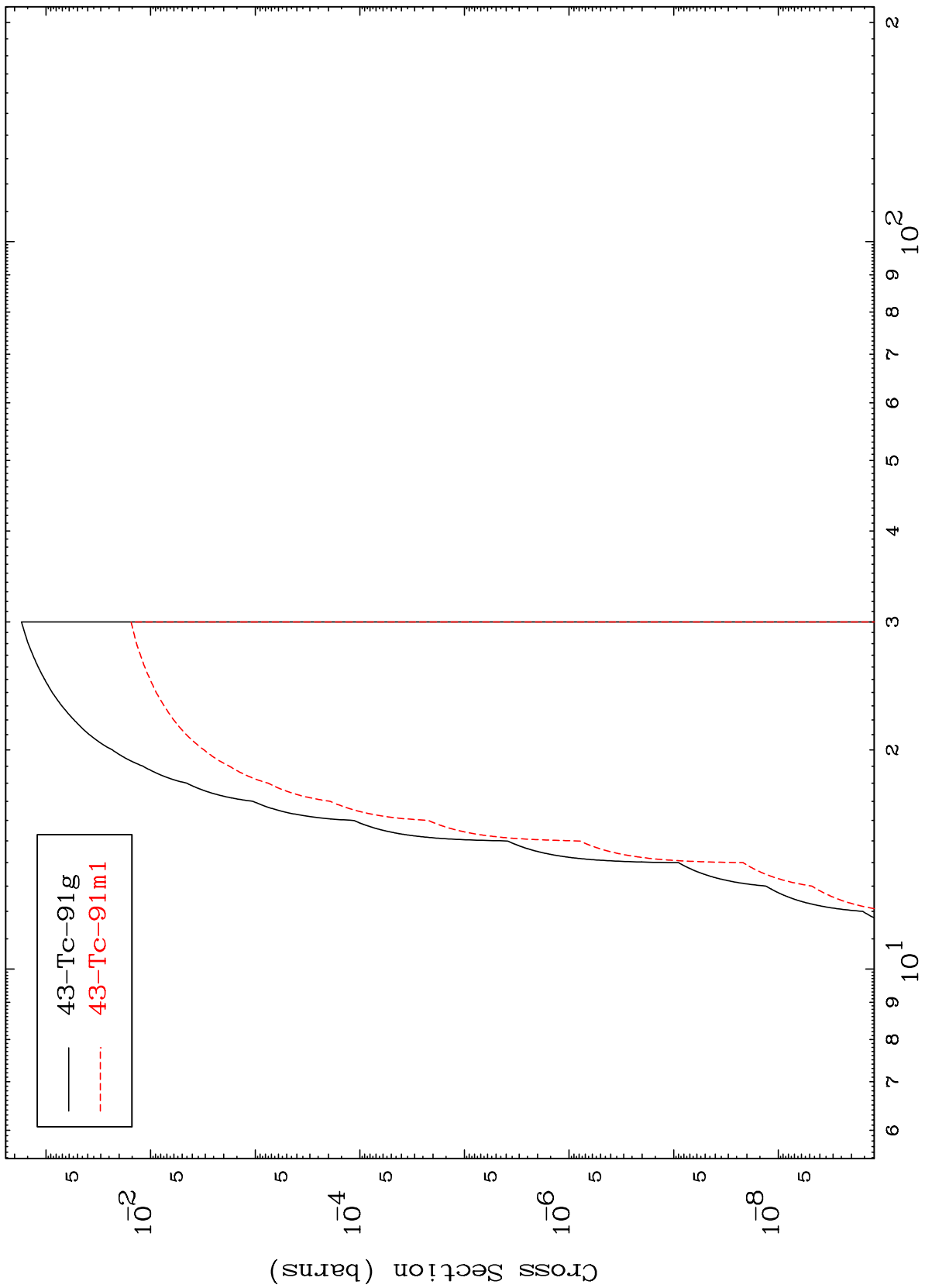
42-Mo-91m

Incident Energy (MeV)

MAT 4223

42-Mo-91m

(n,t)  
Radionuclide Production Cross Section



23

Incident Energy (MeV)

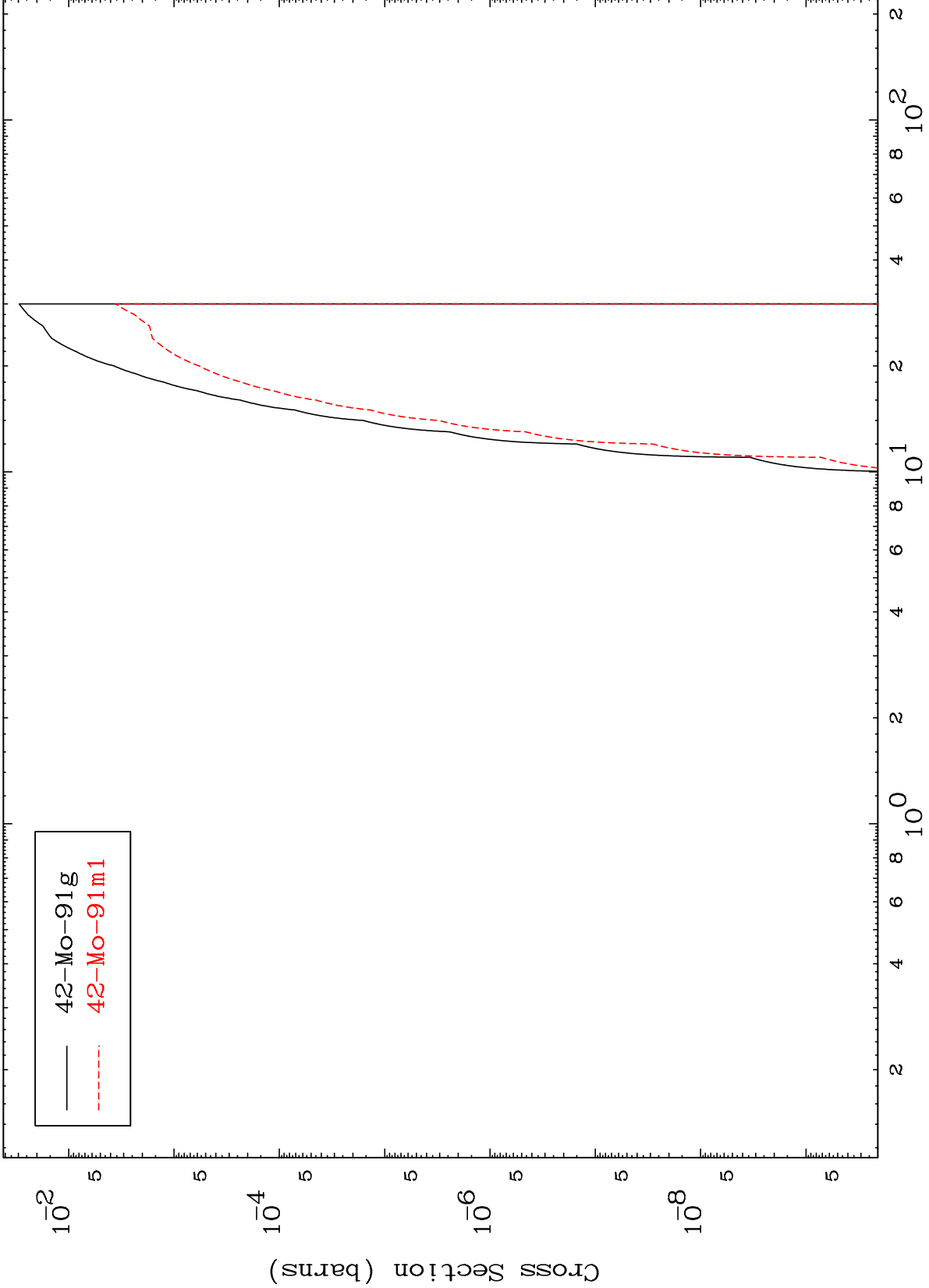
42-Mo-91m

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(n,He-3)

42-Mo-91m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

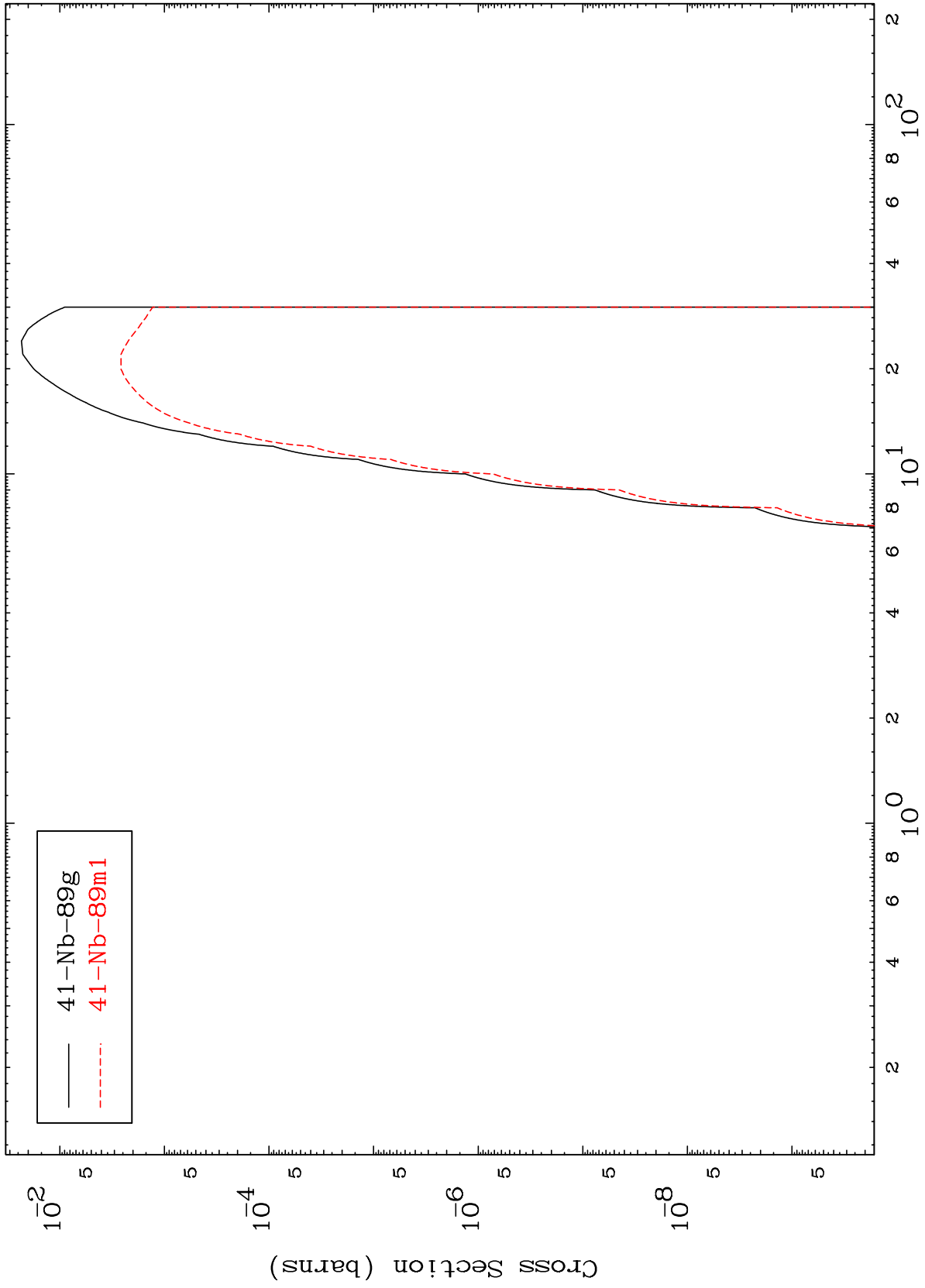
42-Mo-91m

MAT 4223

(n,p)  $\alpha$

42-Mo-91m

Radionuclide Production Cross Section



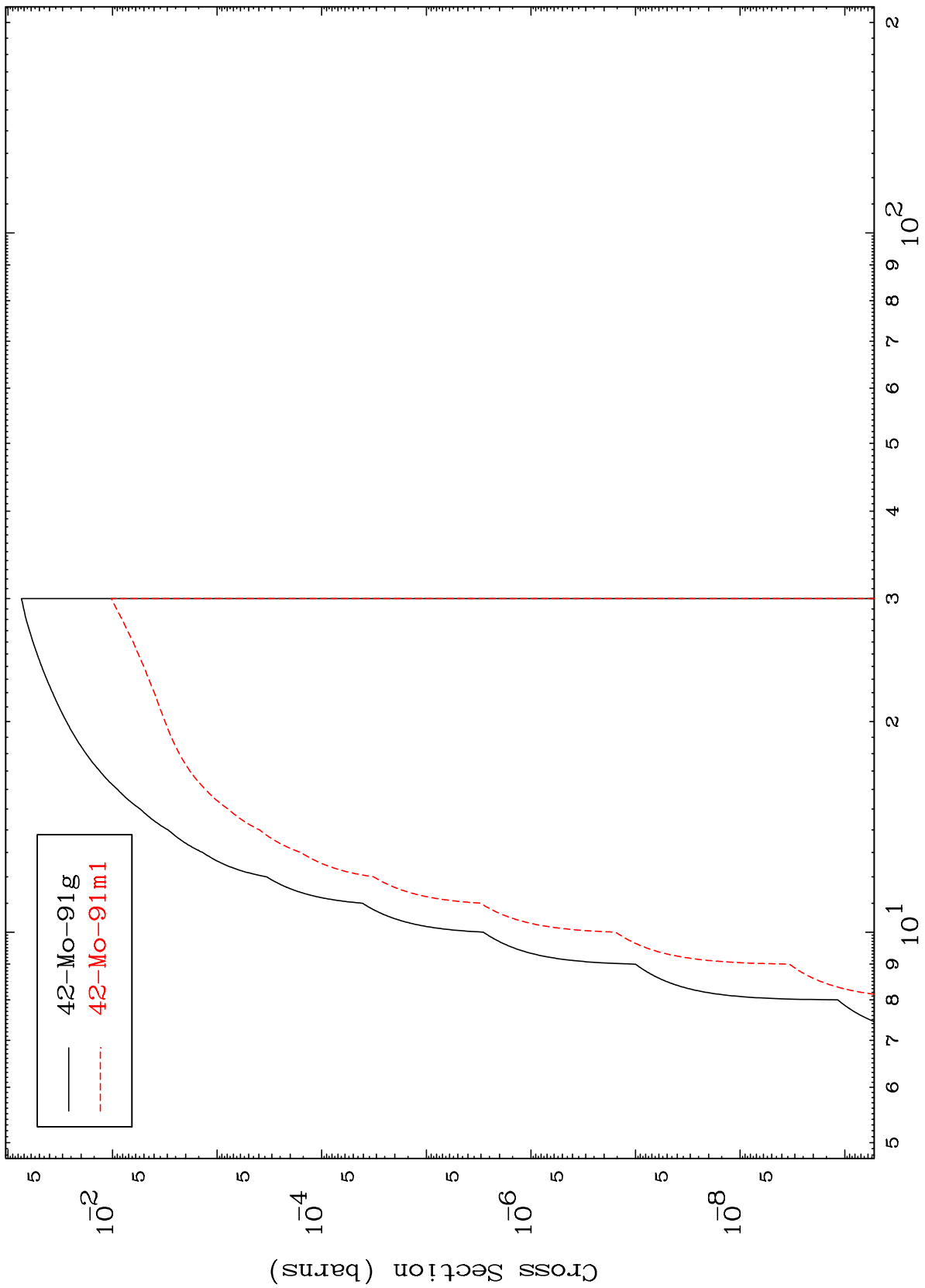
— 41-Nb-89g  
- - - 41-Nb-89m1

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(n,p) d

42-Mo-91m

Radionuclide Production Cross Section



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

26

Incident Energy (MeV)

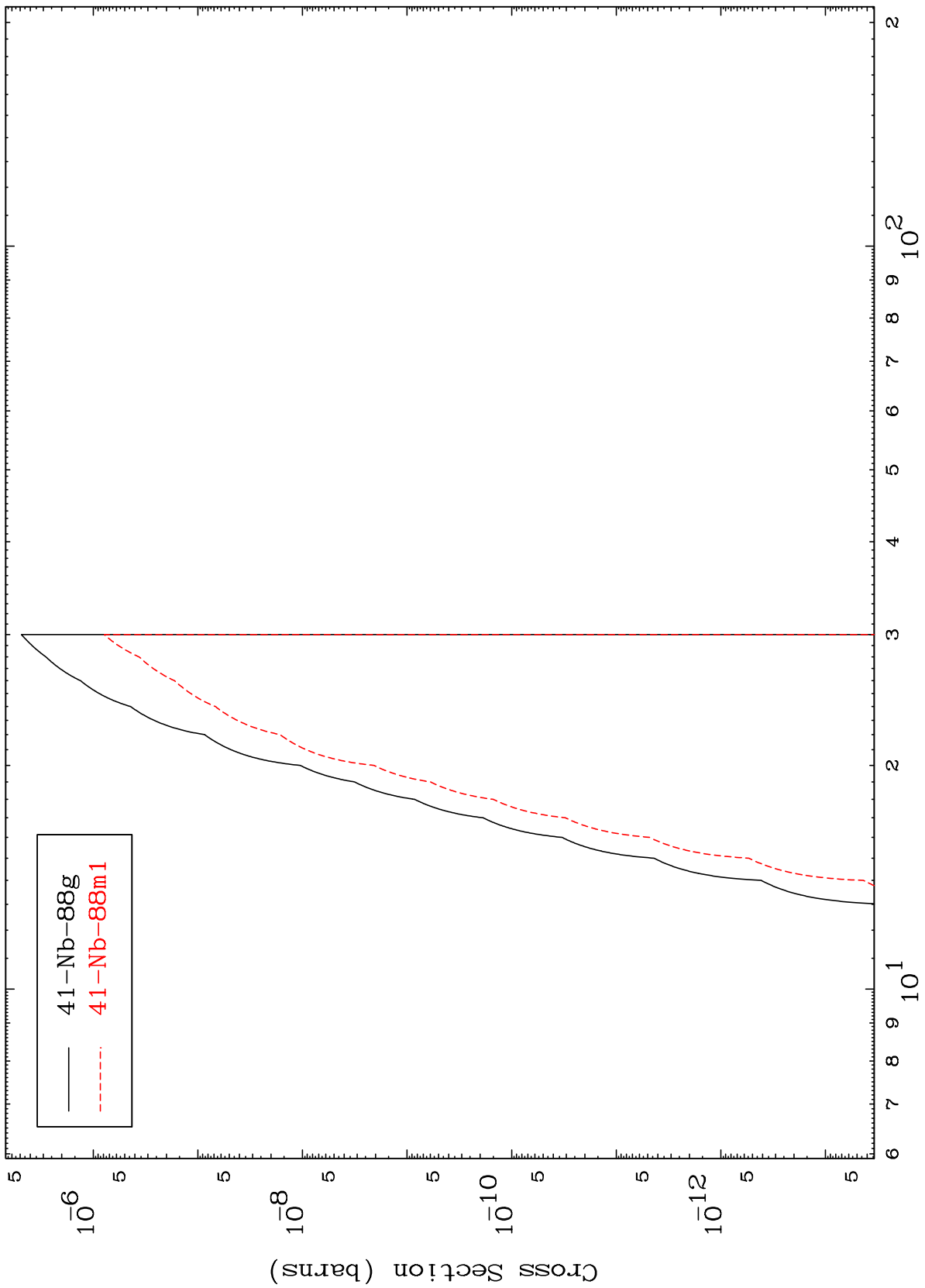
42-Mo-91m

MAT 4223

42-Mo-91m

(n,d)  $\alpha$

Radionuclide Production Cross Section



27

Incident Energy (MeV)

42-Mo-91m