

Program EVALPLOT
(Version 2021-1)

by

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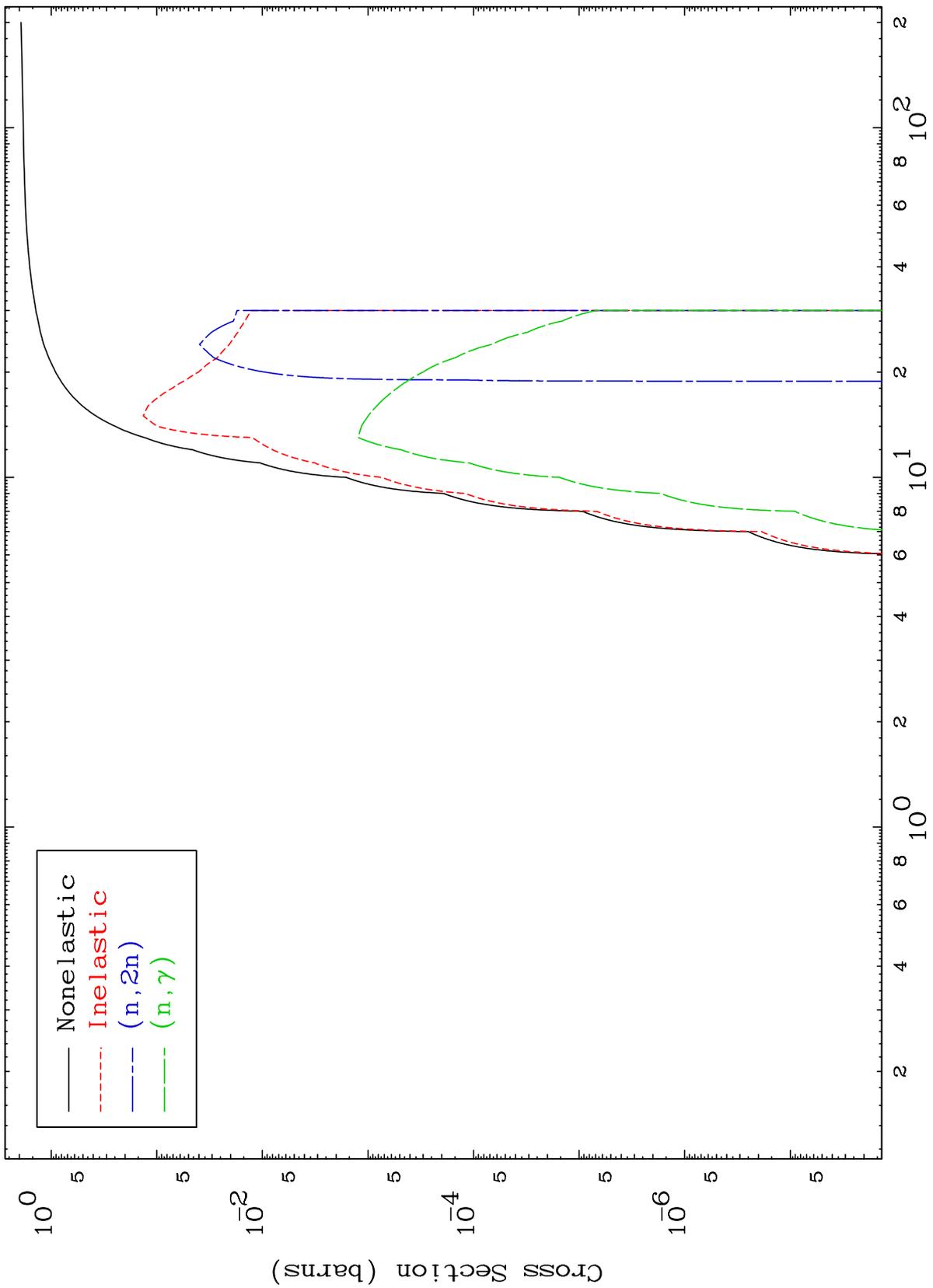
Press Mouse Button to Start

MAT 4223

0 Kelvin

Major Cross Sections

42-Mo-91m

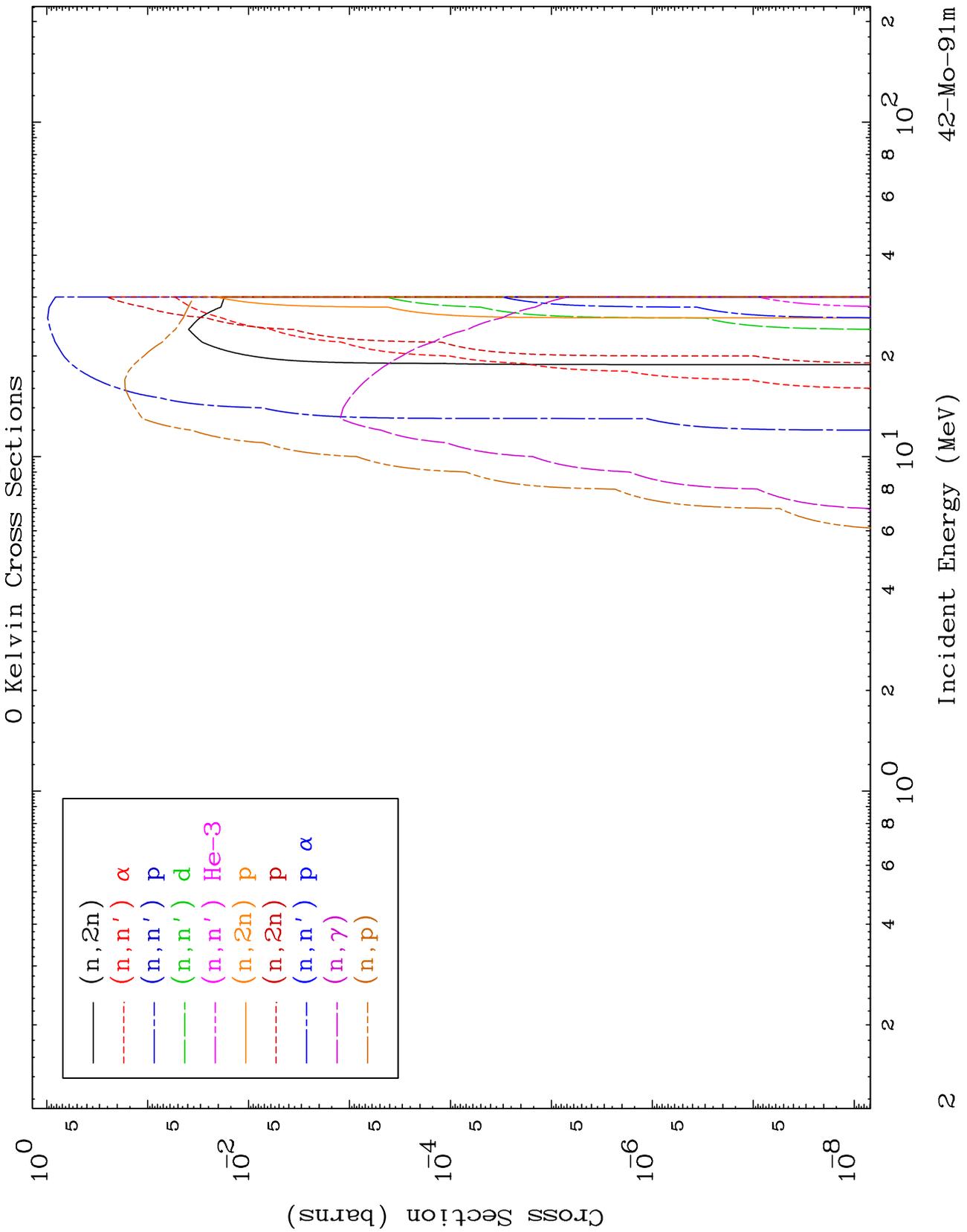


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

MAT 4223

α Neutron Absorption

42-Mo-91m

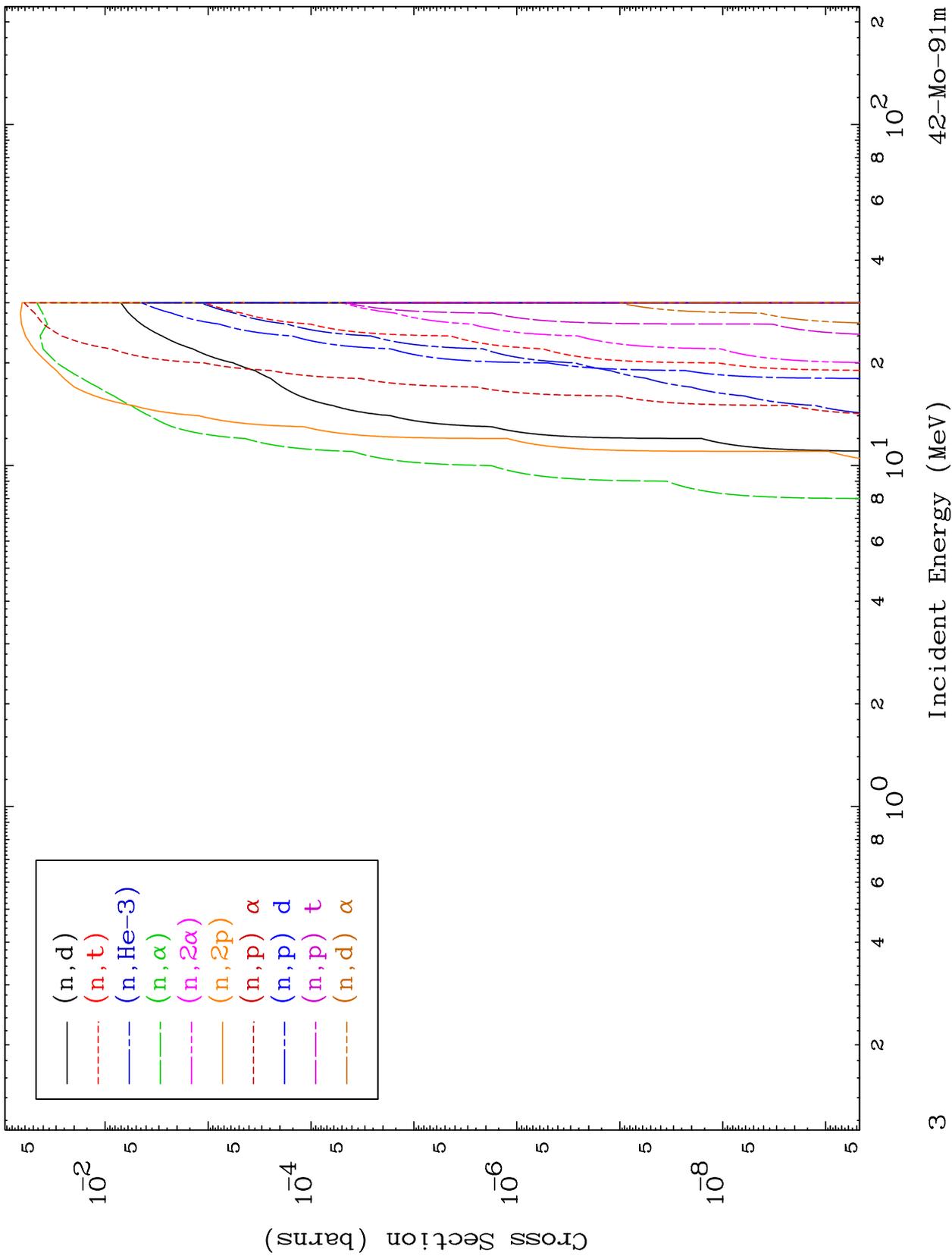


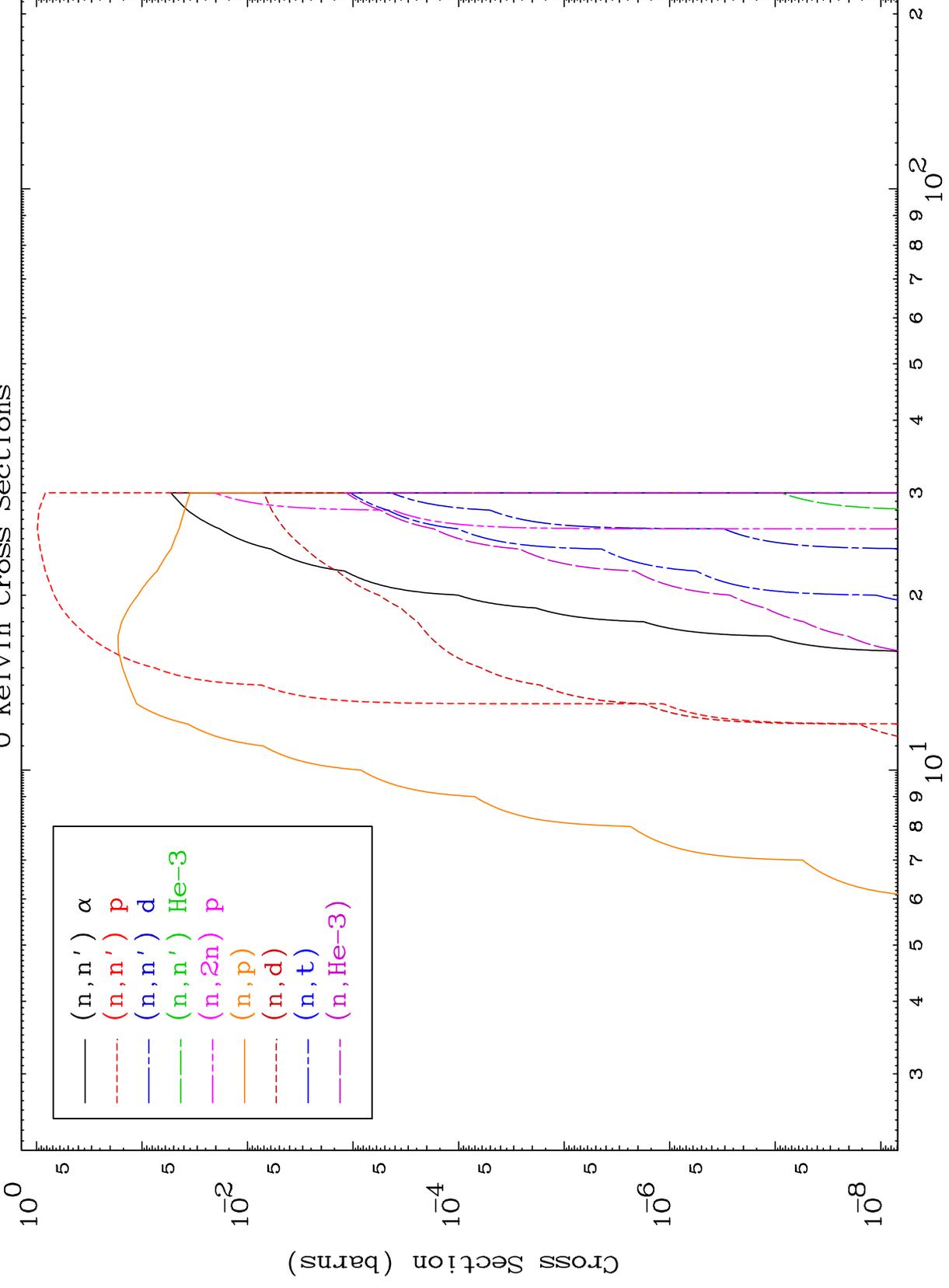
MAT 4223

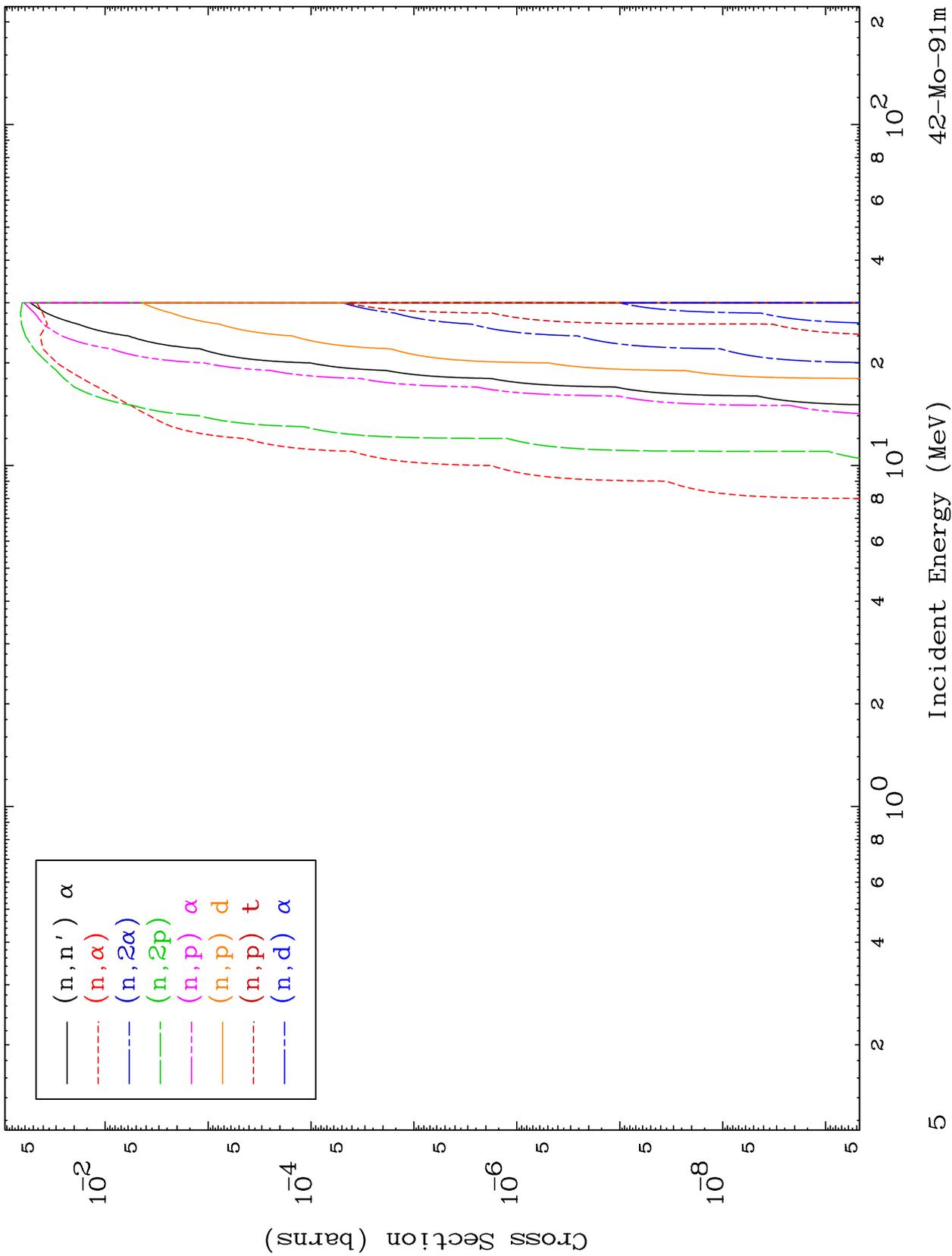
α Neutron Absorption

42-Mo-91m

0 Kelvin Cross Sections





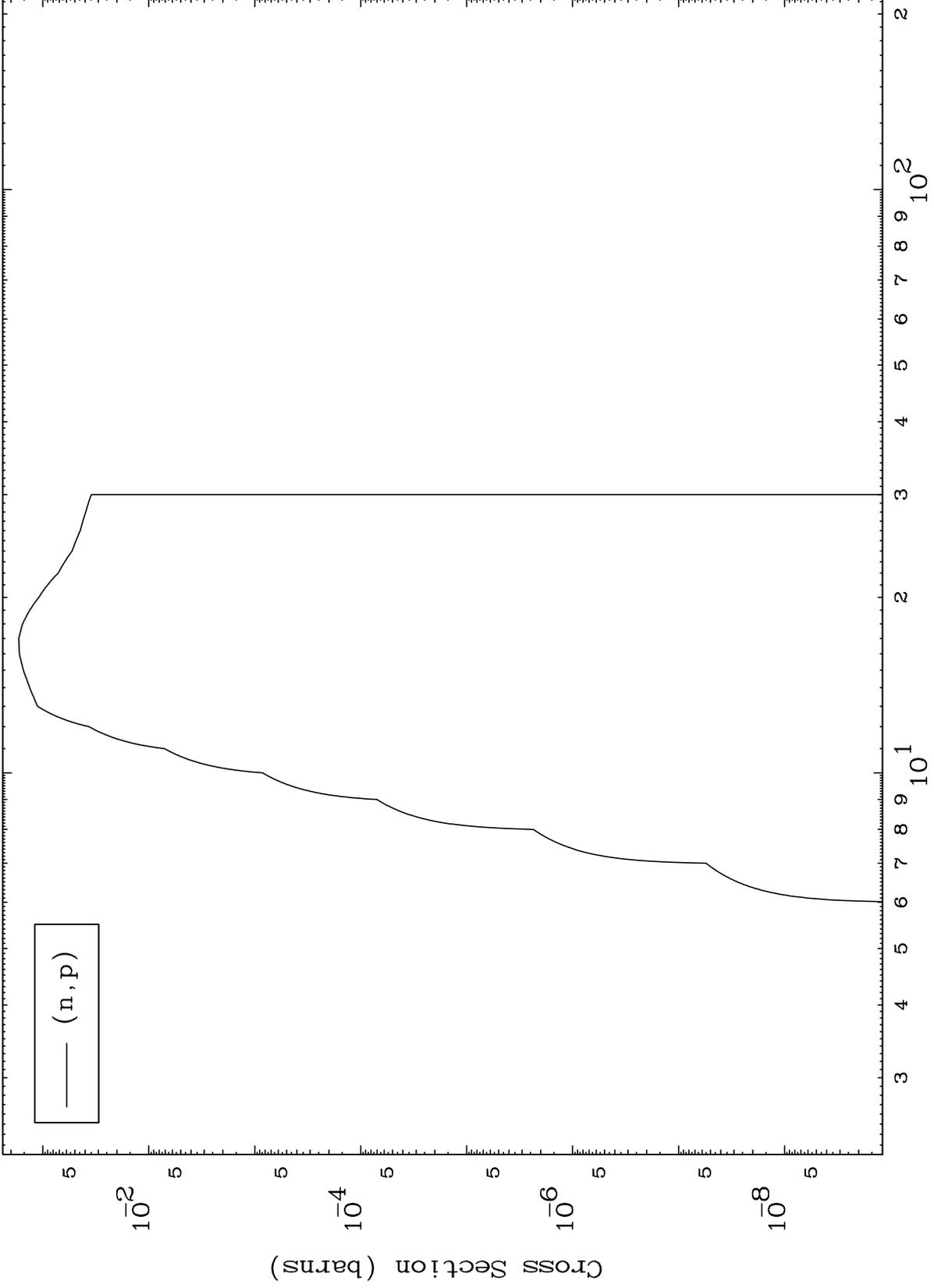


MAT 4223

(α, p) Levels

42-Mo-91m

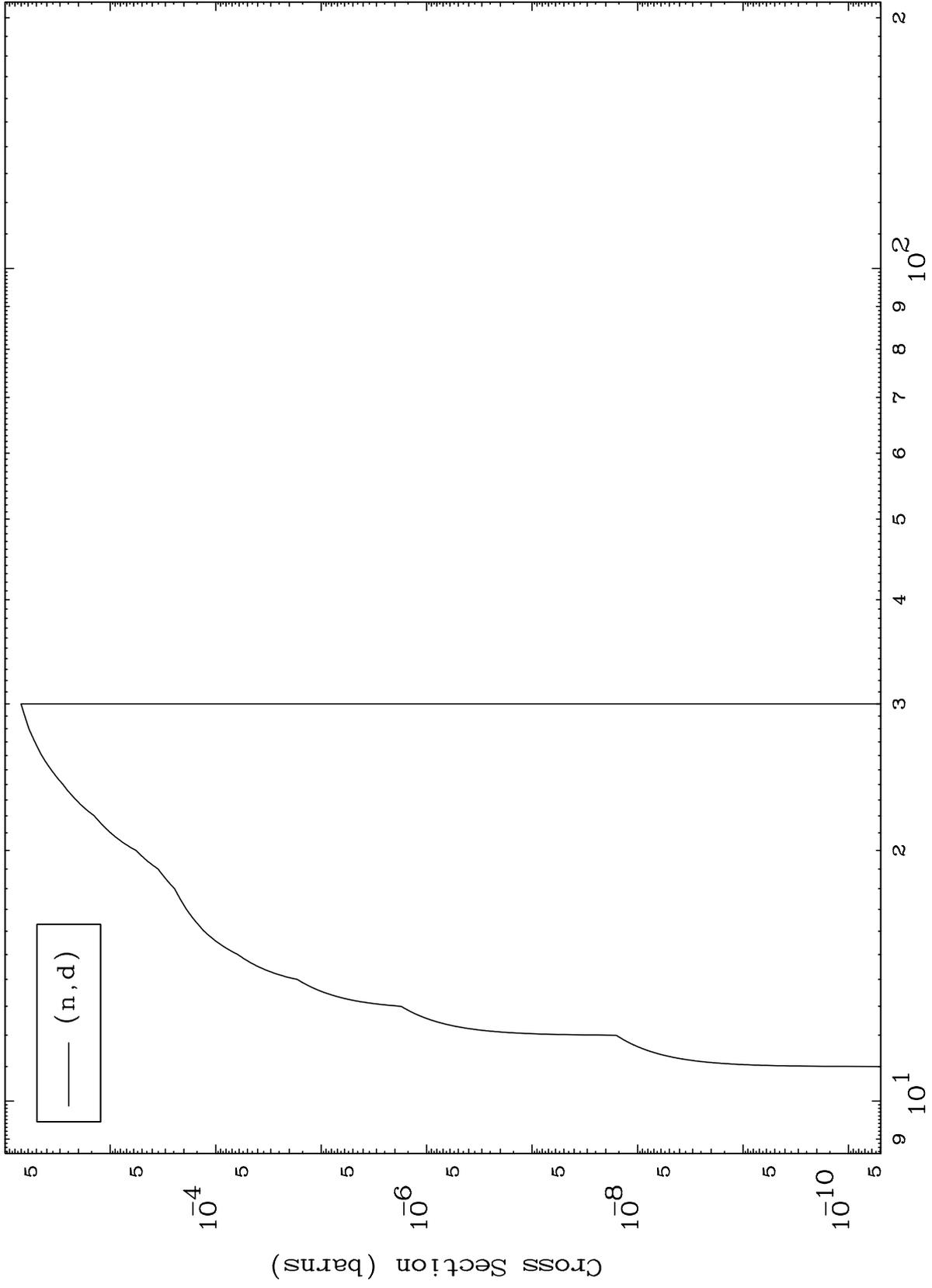
0 Kelvin Cross Sections



MAT 4223

(α, d) Levels
0 Kelvin Cross Sections

42-Mo-91m



Incident Energy (MeV)

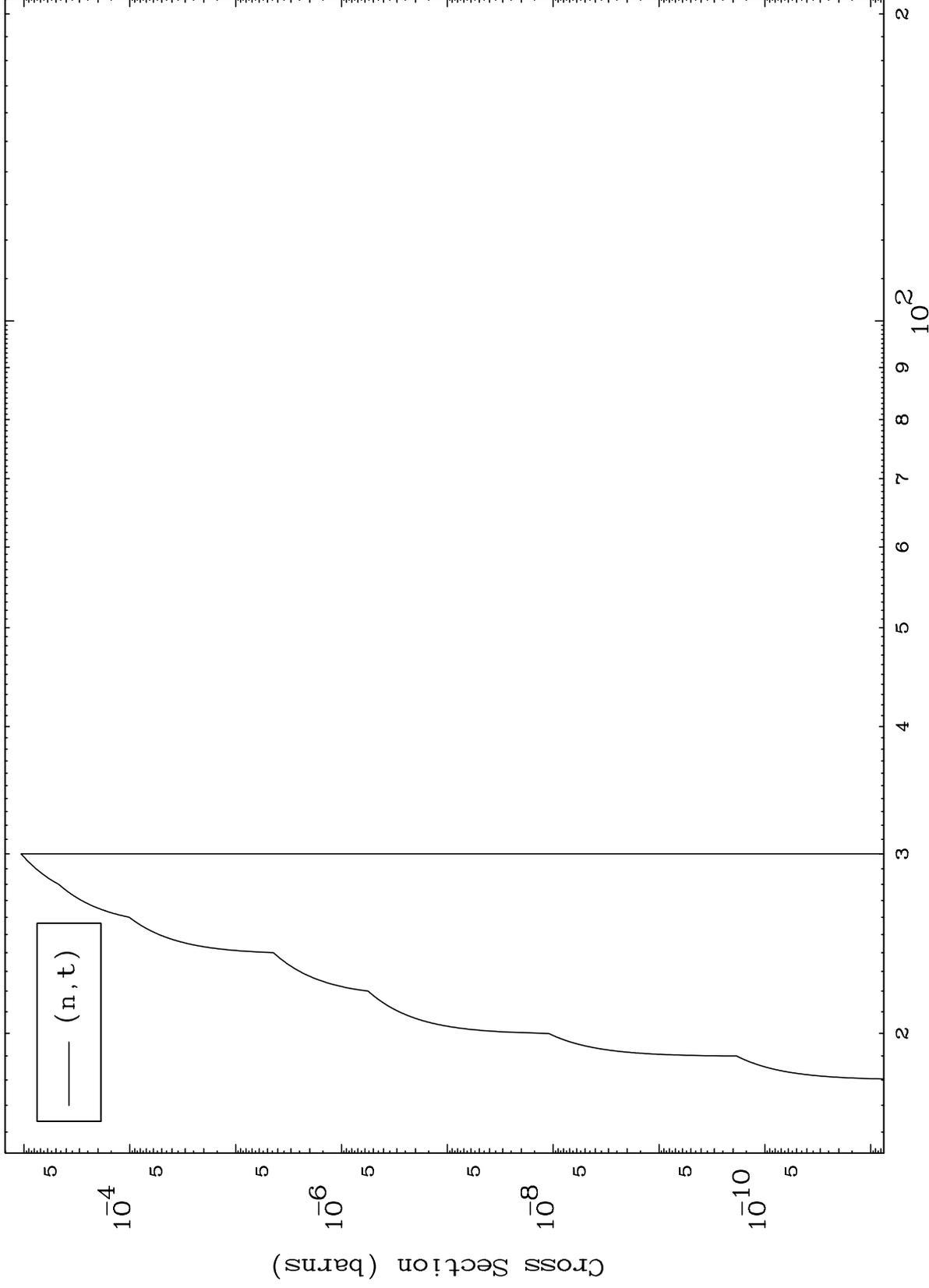
42-Mo-91m

7

MAT 4223

(α, t) Levels
0 Kelvin Cross Sections

42-Mo-91m



8

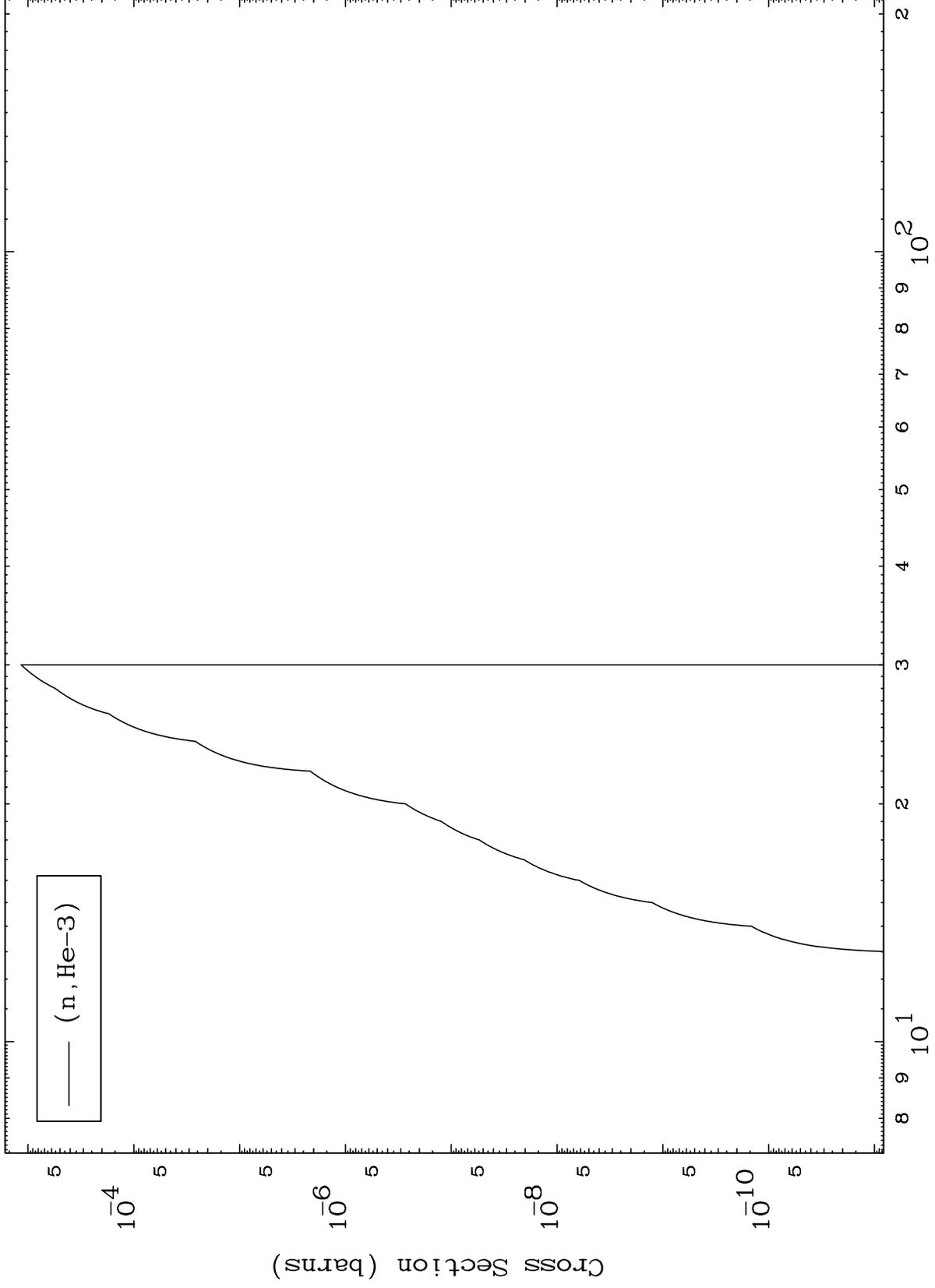
Incident Energy (MeV)

42-Mo-91m

MAT 4223

(α , He3) Levels
0 Kelvin Cross Sections

42-Mo-91m



9

Incident Energy (MeV)

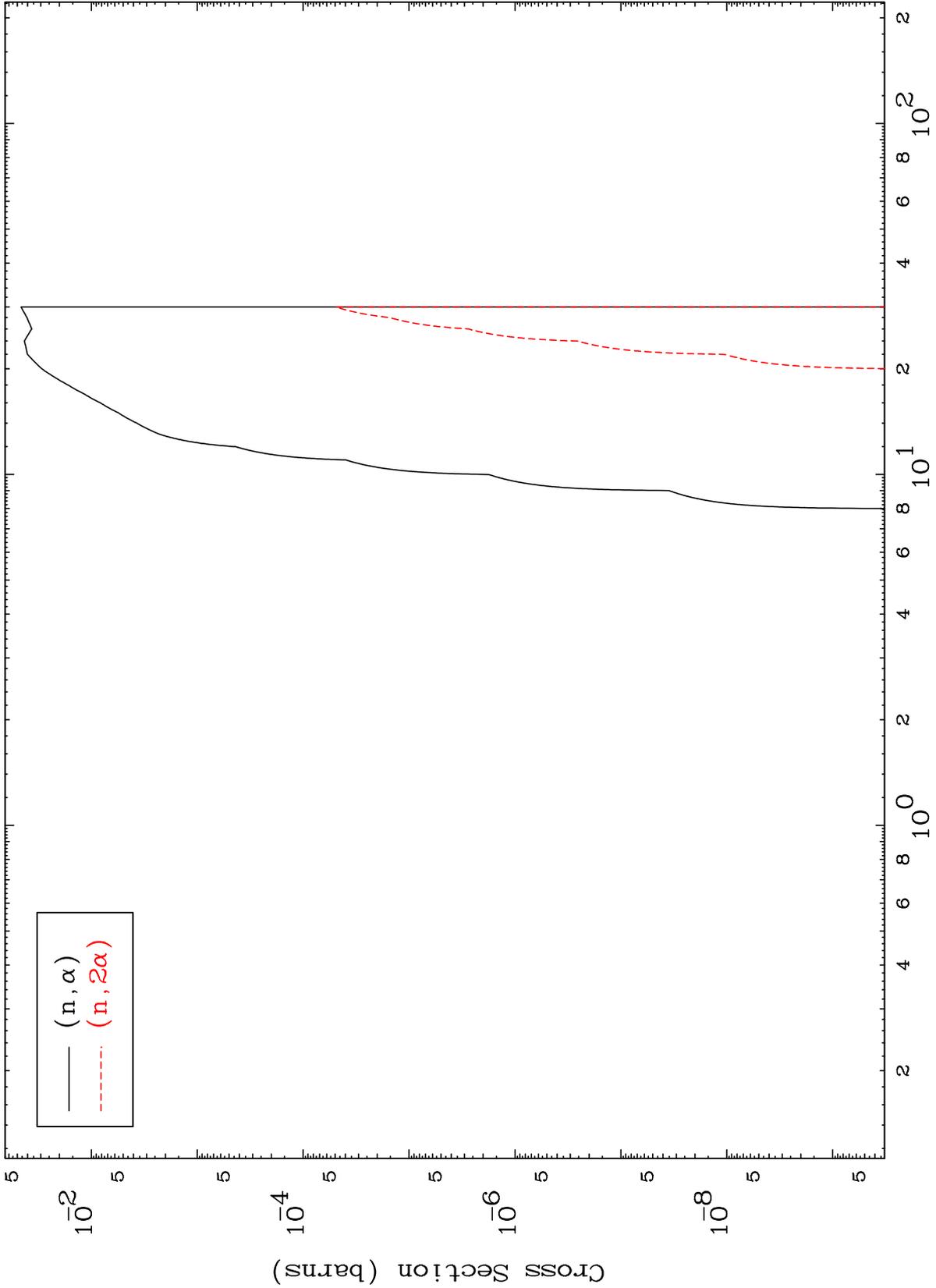
42-Mo-91m

MAT 4223

(α, α) Levels

42-Mo-91m

0 Kelvin Cross Sections



— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

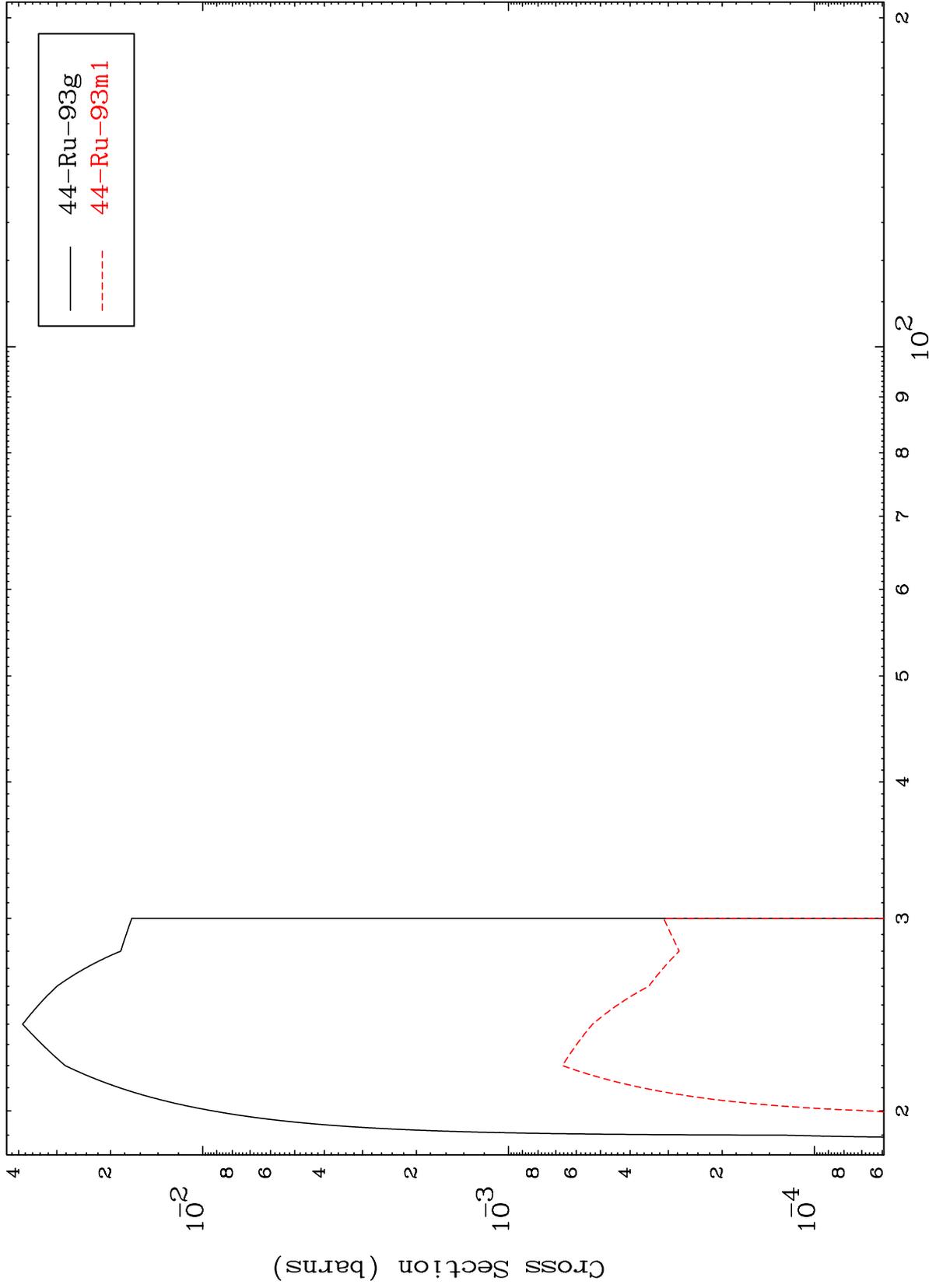
42-Mo-91m

MAT 4223

(n,2n)

42-Mo-91m

Radionuclide Production Cross Section



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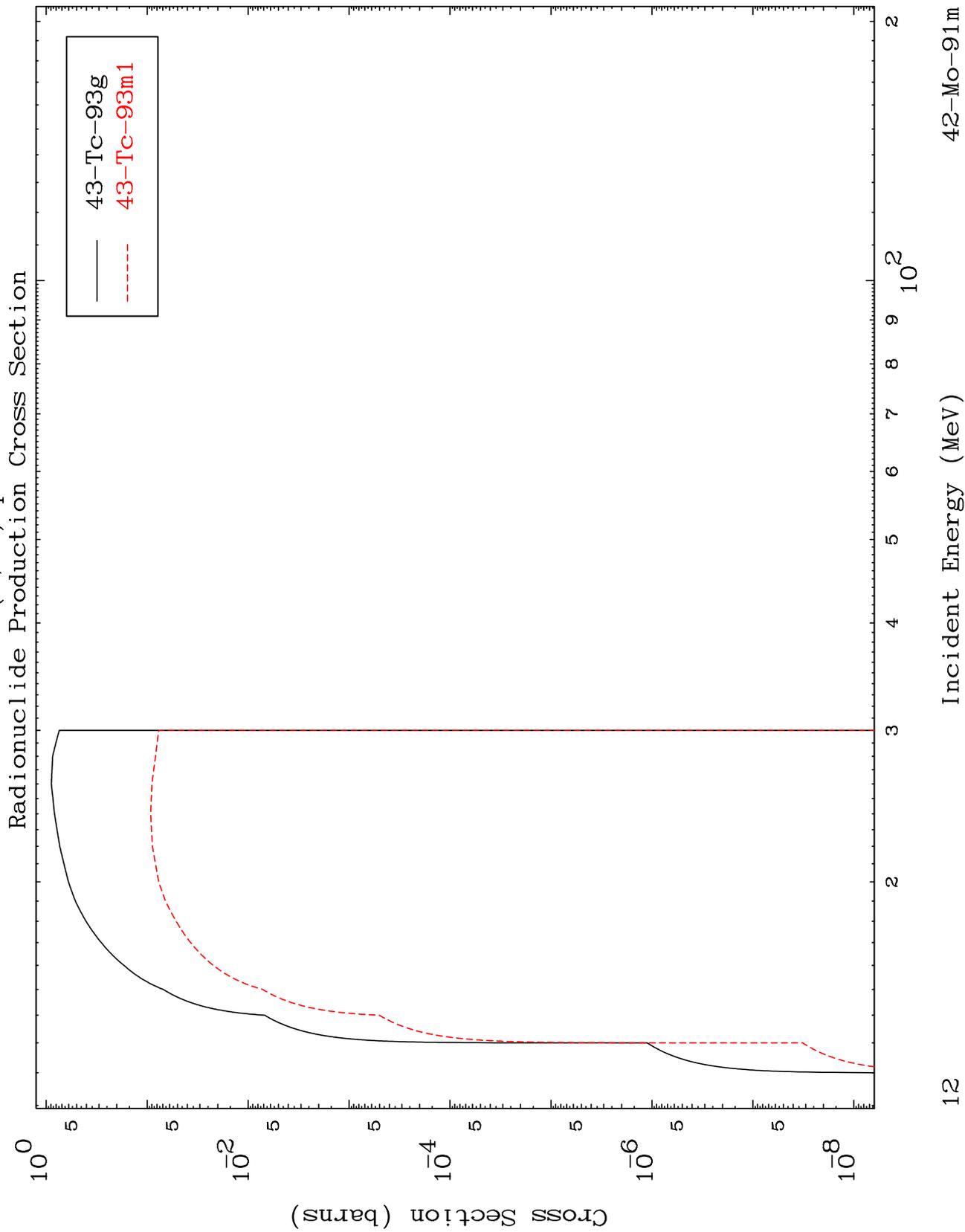
Incident Energy (MeV)

42-Mo-91m

MAT 4223

(n,n') p

42-Mo-91m



12

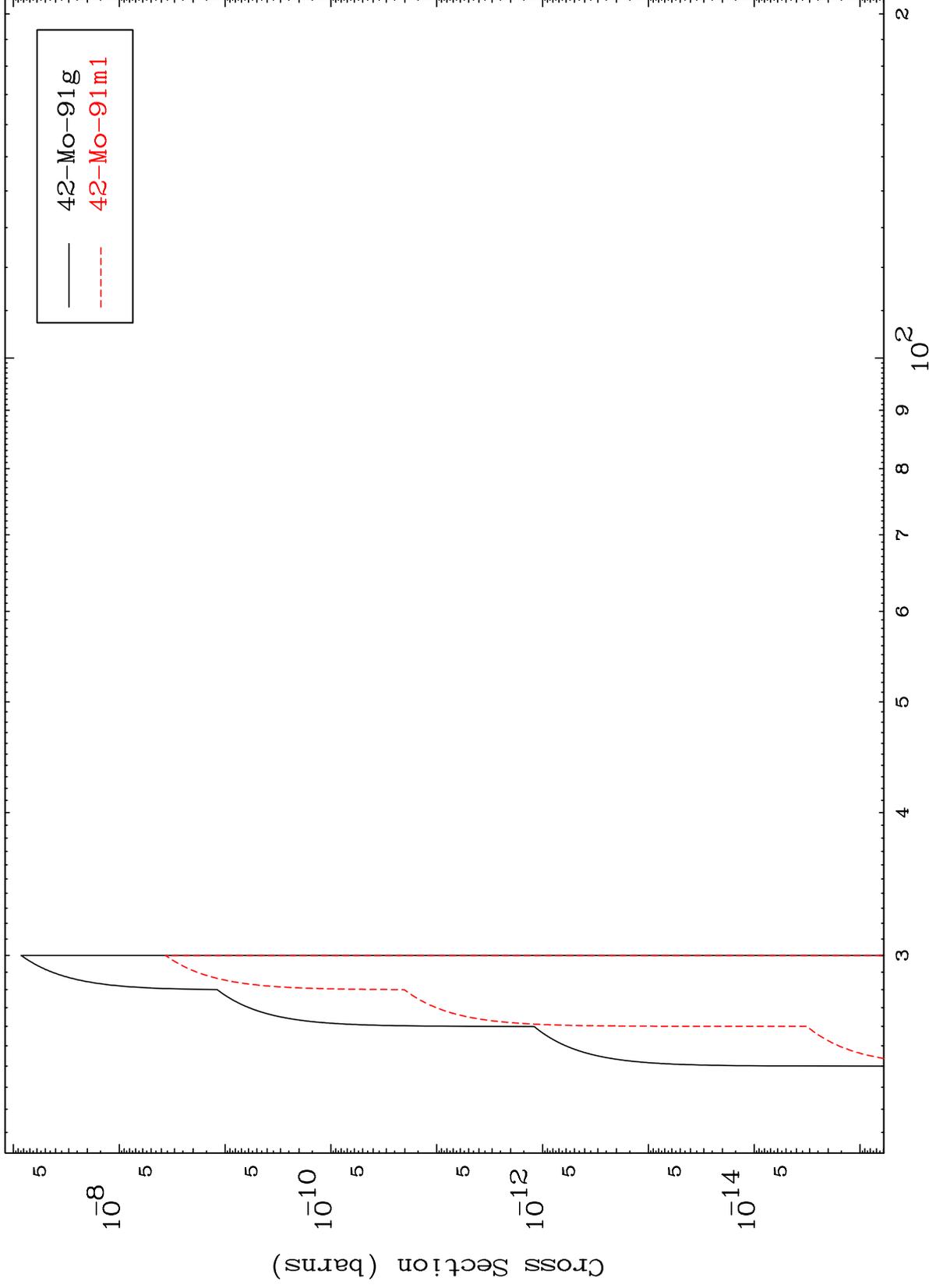
42-Mo-91m

MAT 4223

(n,n') He-3

42-Mo-91m

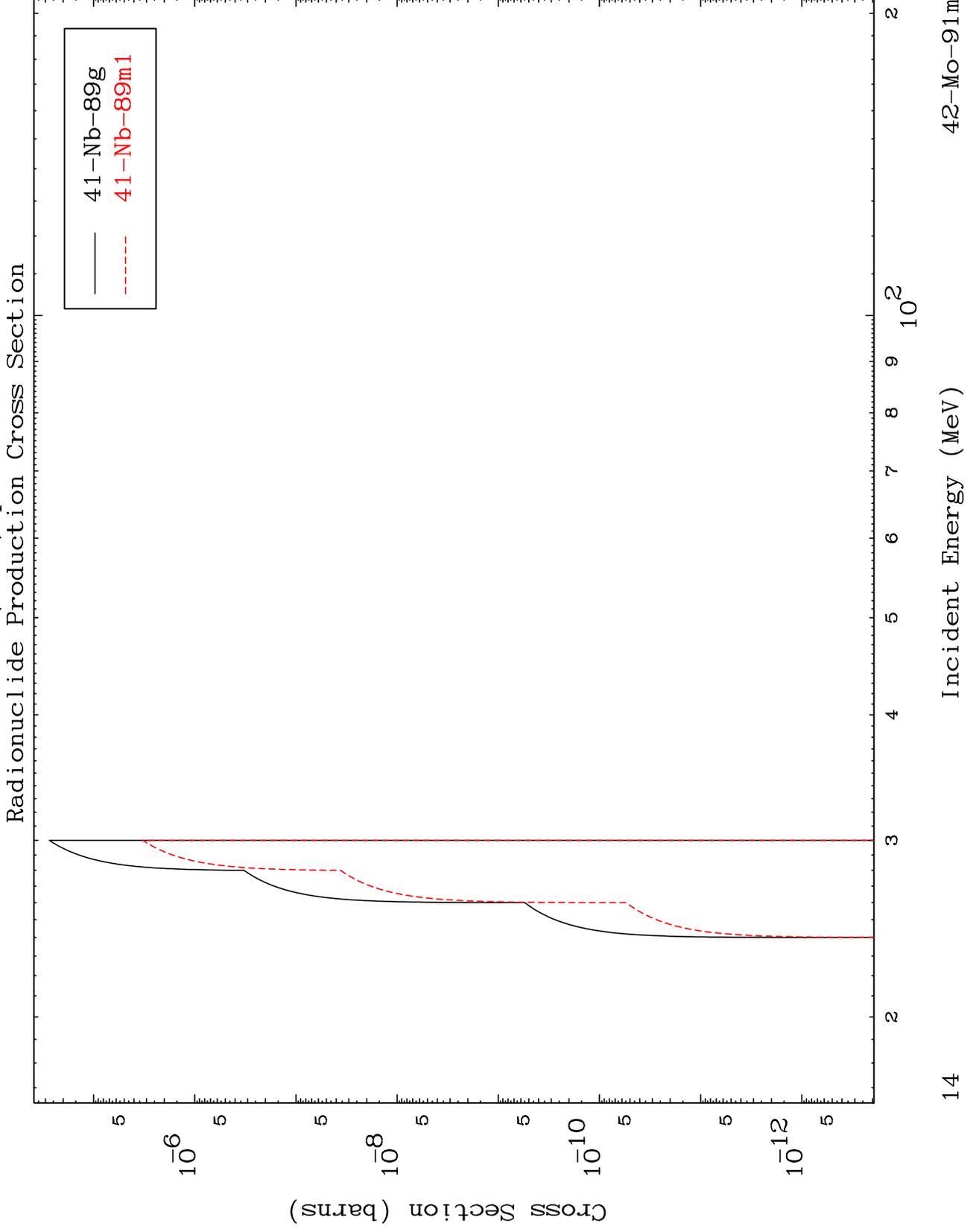
Radionuclide Production Cross Section



MAT 4223

(n,n') p α

42-Mo-91m

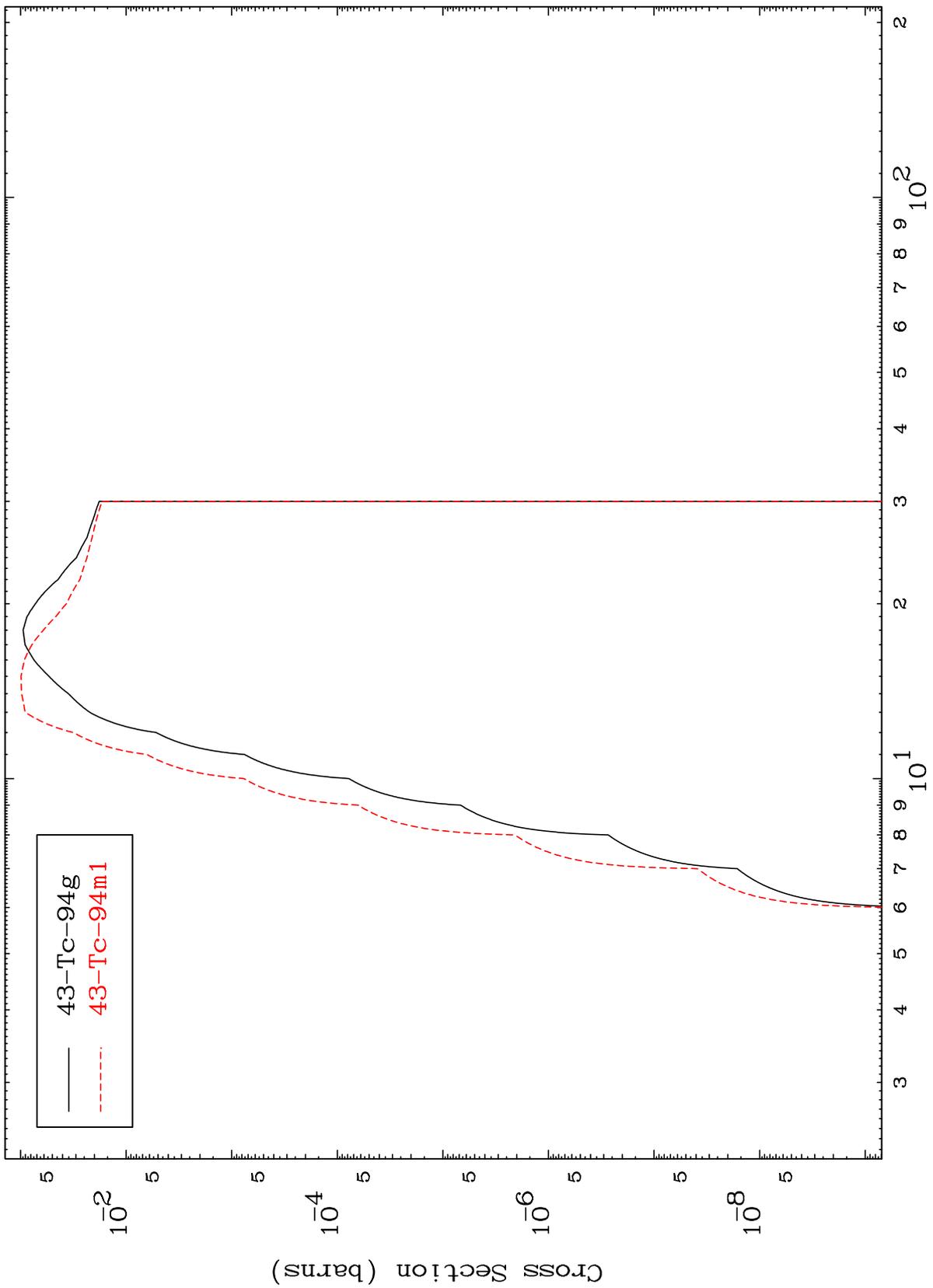


14

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42-Mo-91m

(n,p)
Radionuclide Production Cross Section



15

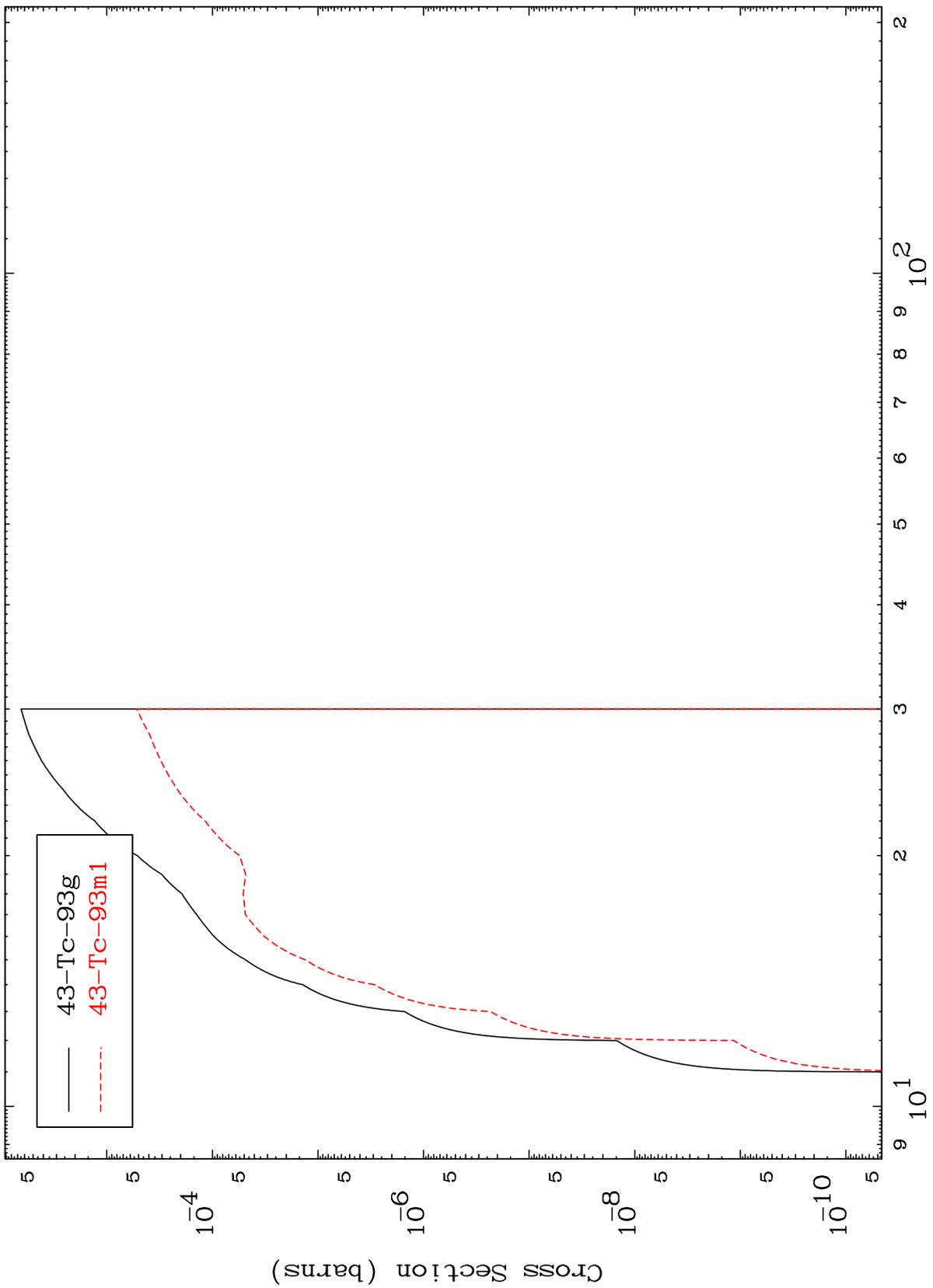
Incident Energy (MeV)

42-Mo-91m

MAT 4223

42-Mo-91m

(n,d)
Radionuclide Production Cross Section



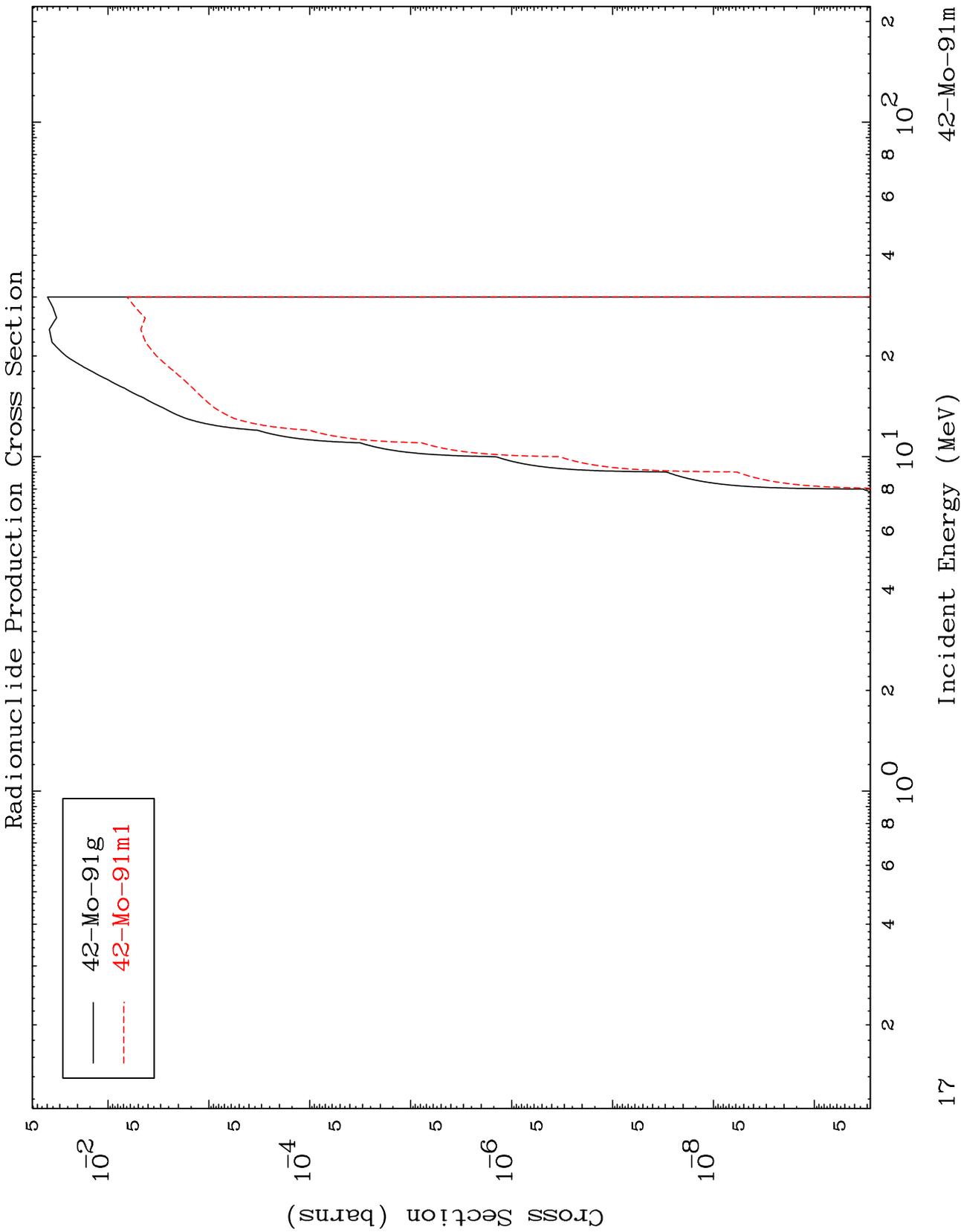
42-Mo-91m

Incident Energy (MeV)

16

MAT 4223

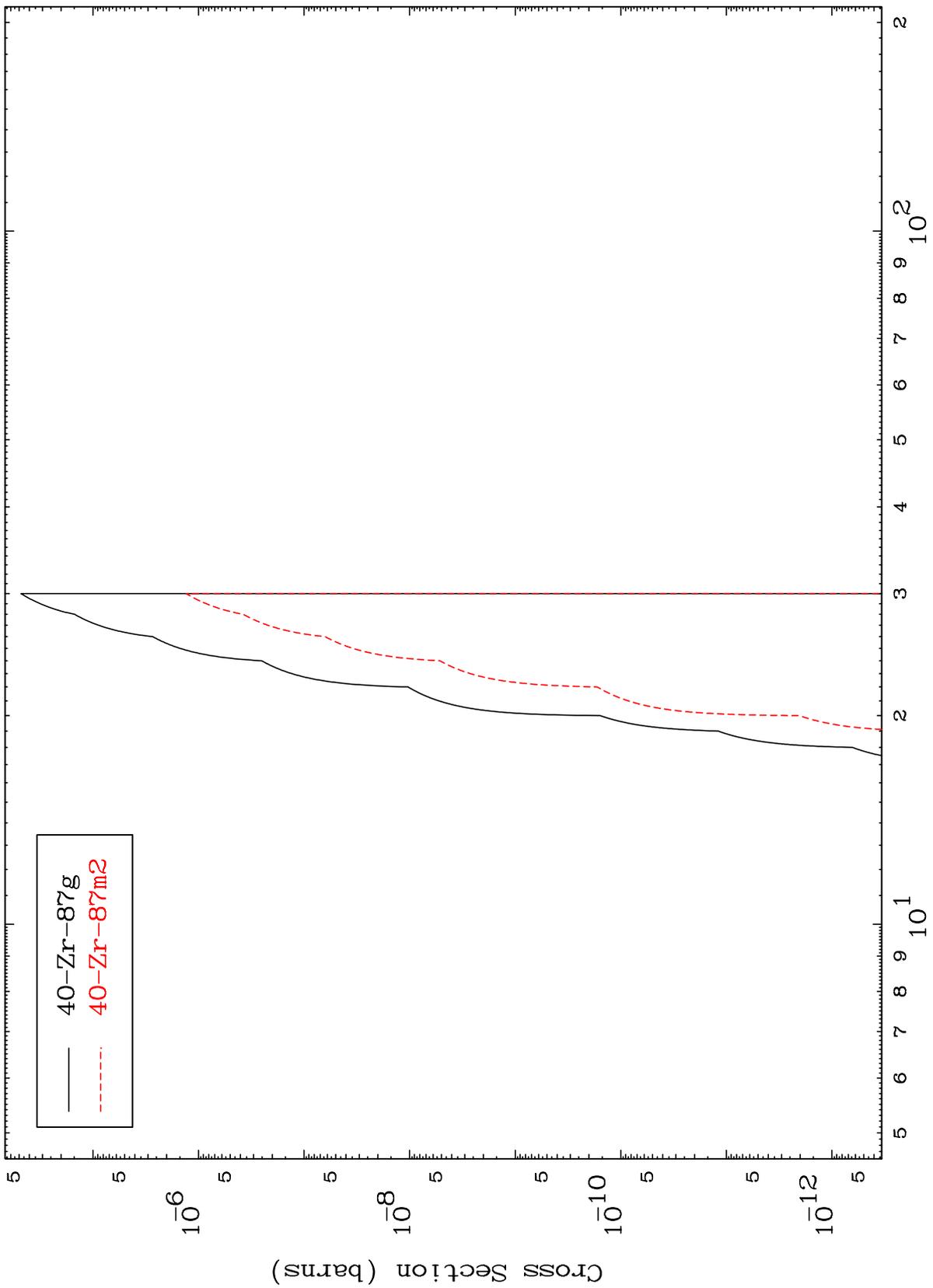
42-Mo-91m



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42-Mo-91m

Radionuclide Production Cross Section



— 40-Zr-87g
- - - 40-Zr-87m2

18

Incident Energy (MeV)

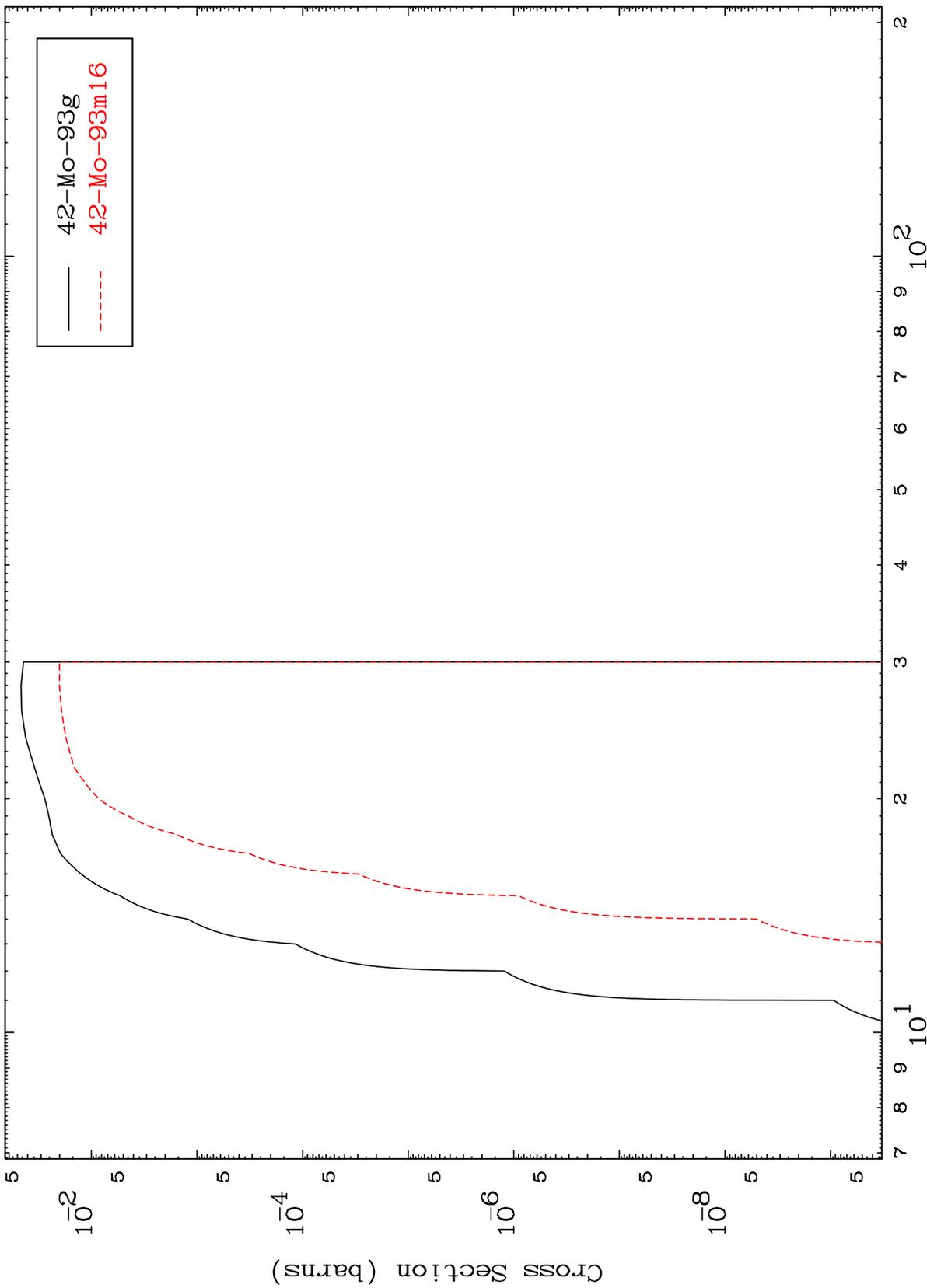
42-Mo-91m

MAT 4223

42-Mo-91m

(n,2p)

Radionuclide Production Cross Section



19

Incident Energy (MeV)

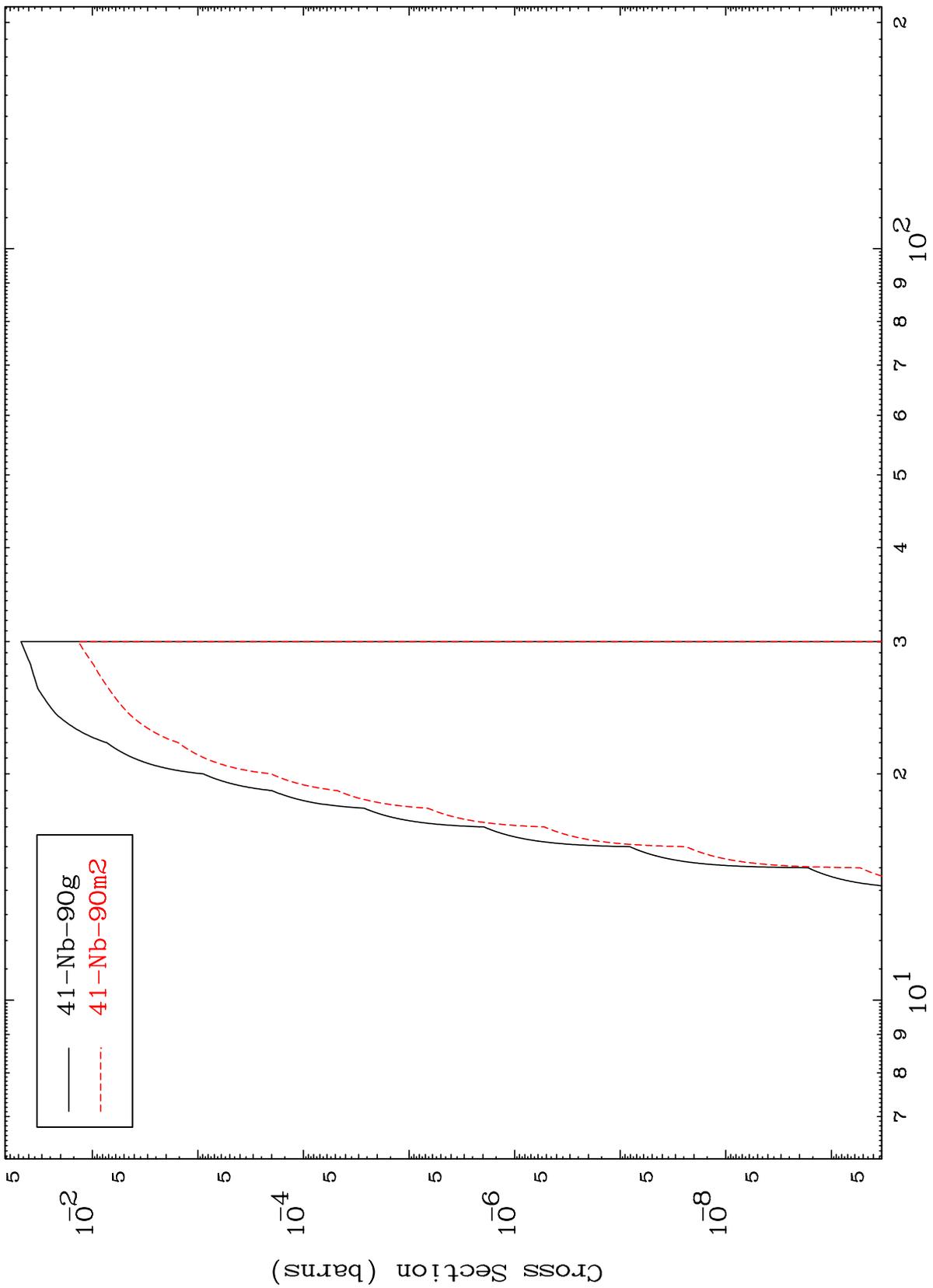
42-Mo-91m

MAT 4223

42-Mo-91m

(n,p) α

Radionuclide Production Cross Section



— 41-Nb-90g
- - - 41-Nb-90m2

20

Incident Energy (MeV)

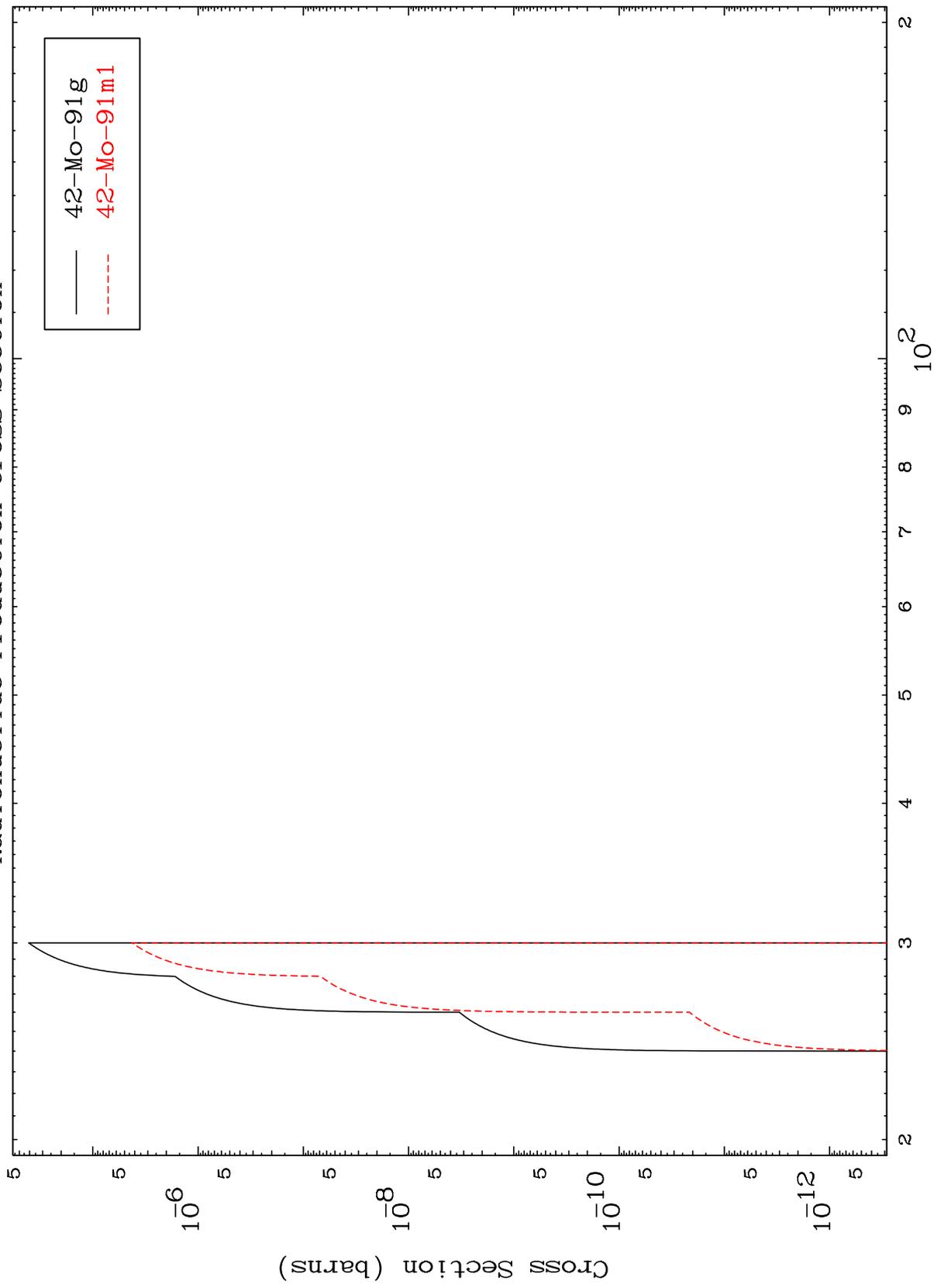
42-Mo-91m

MAT 4223

(n,p) t

42-Mo-91m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

42-Mo-91m

