

Program EVALPLOT
(Version 2021-1)

by

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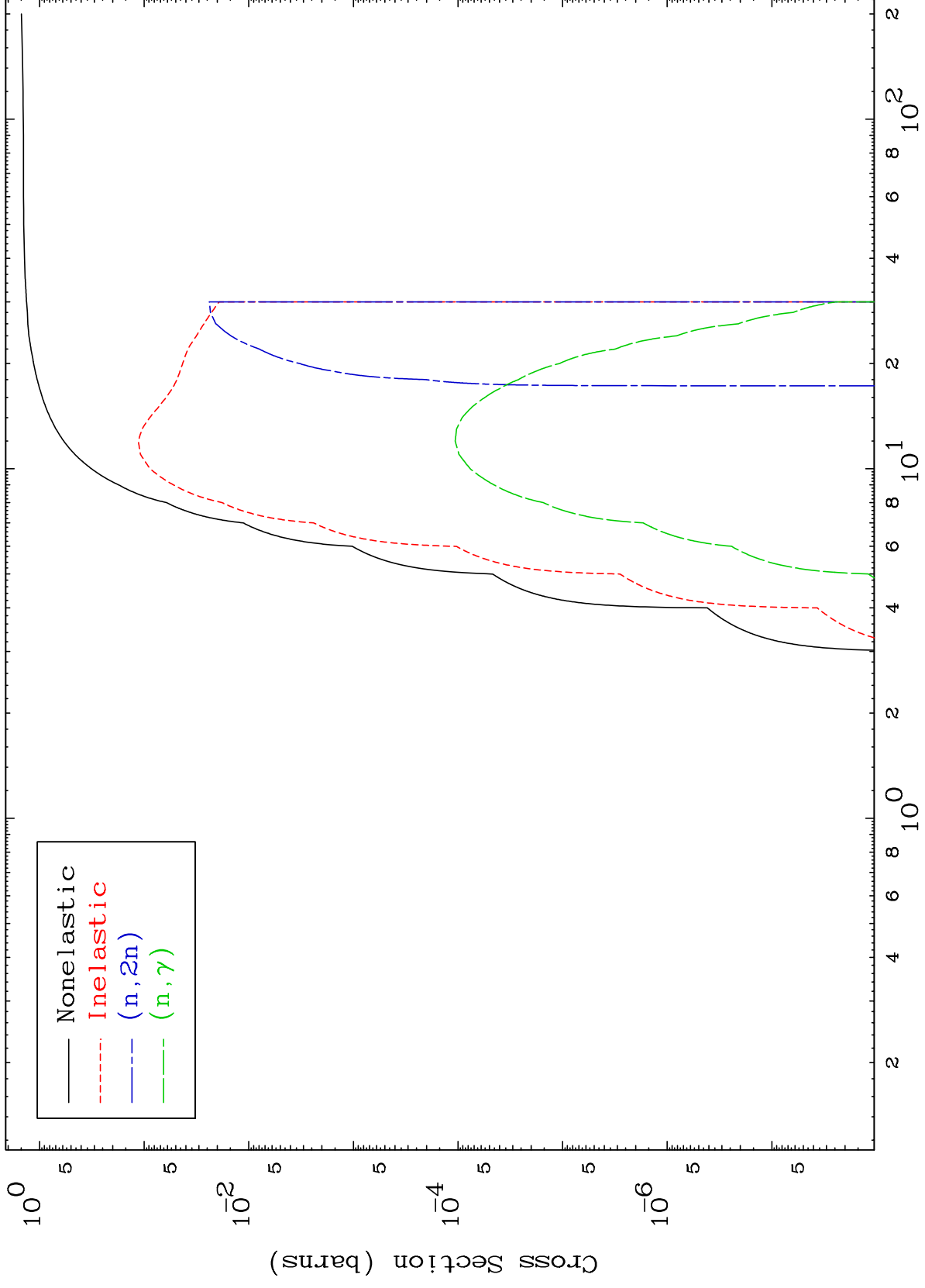
Press Mouse Button to Start

MAT 2517

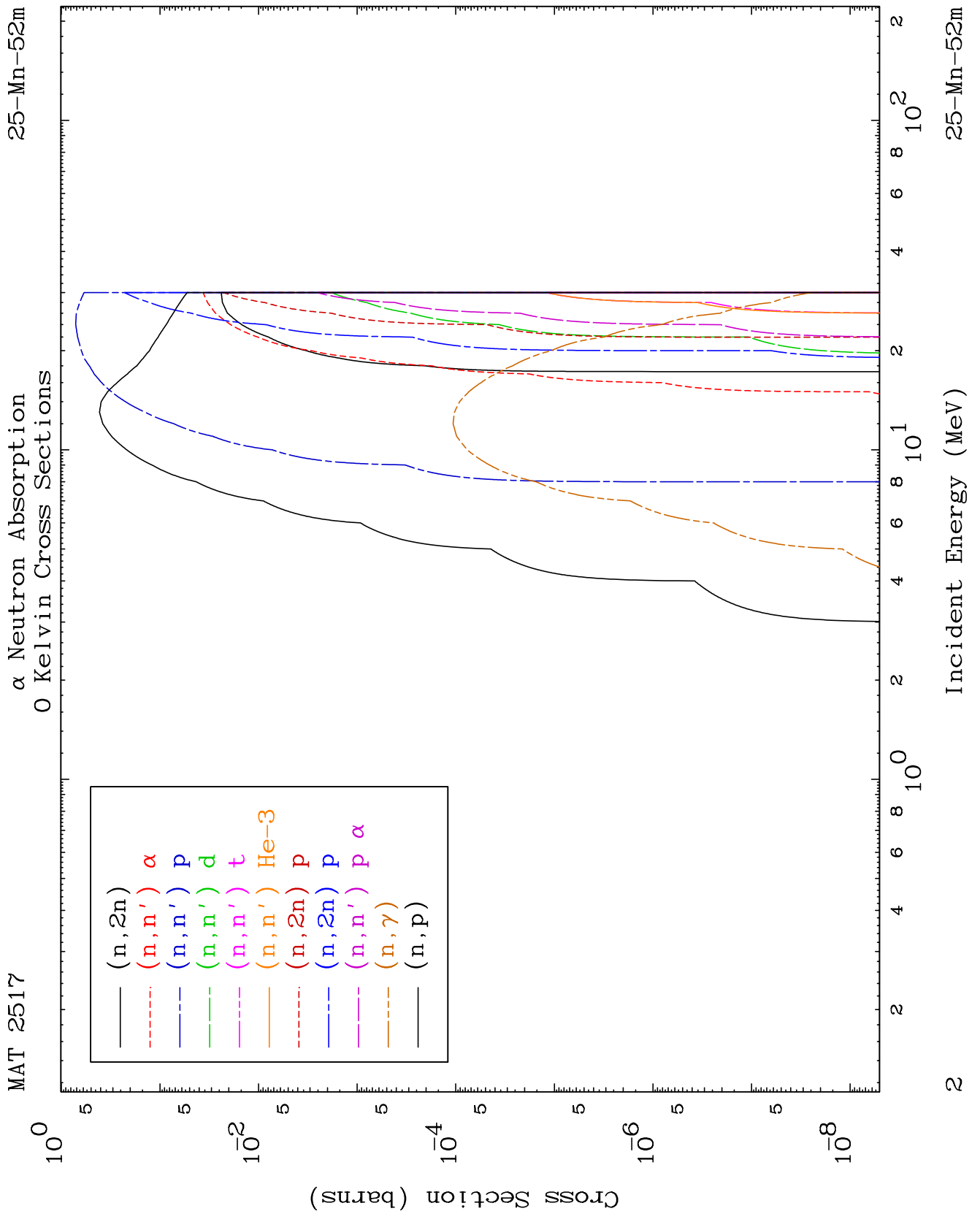
0 Kelvin

α Major Cross Sections

25-Mn-52m



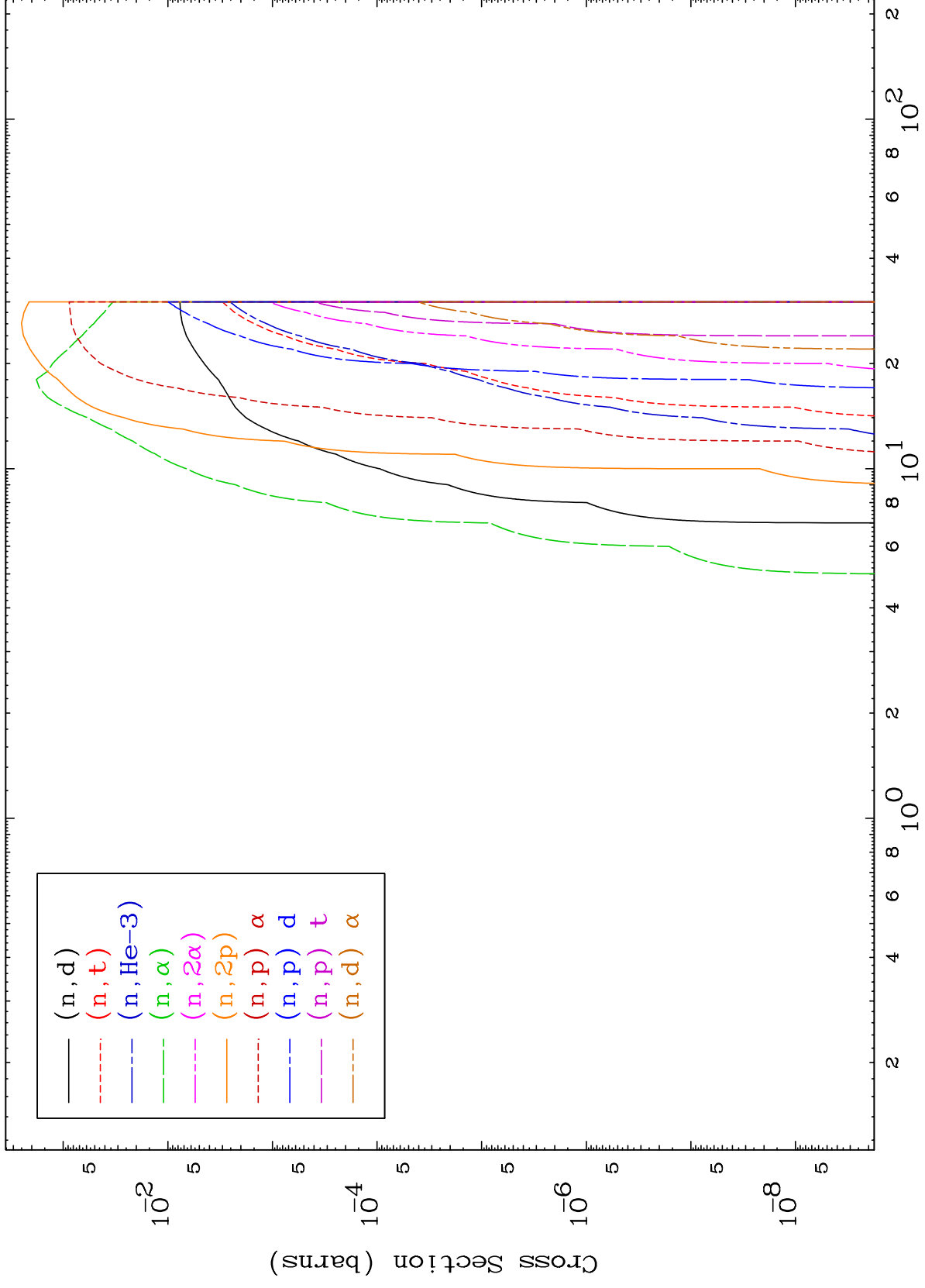
Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)



MAT 2517

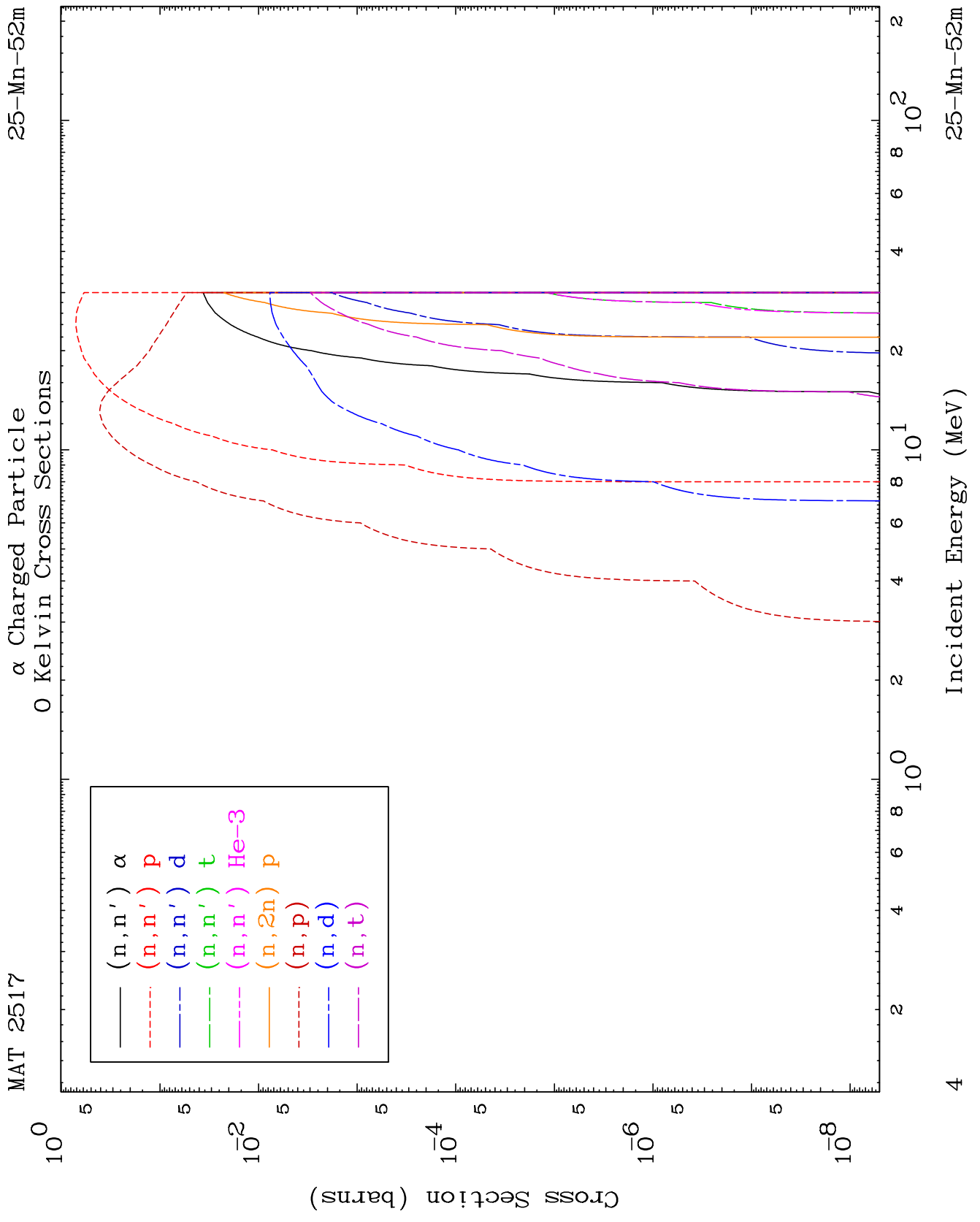
α Neutron Absorption
0 Kelvin Cross Sections

25-Mn-52m



Incident Energy (MeV)

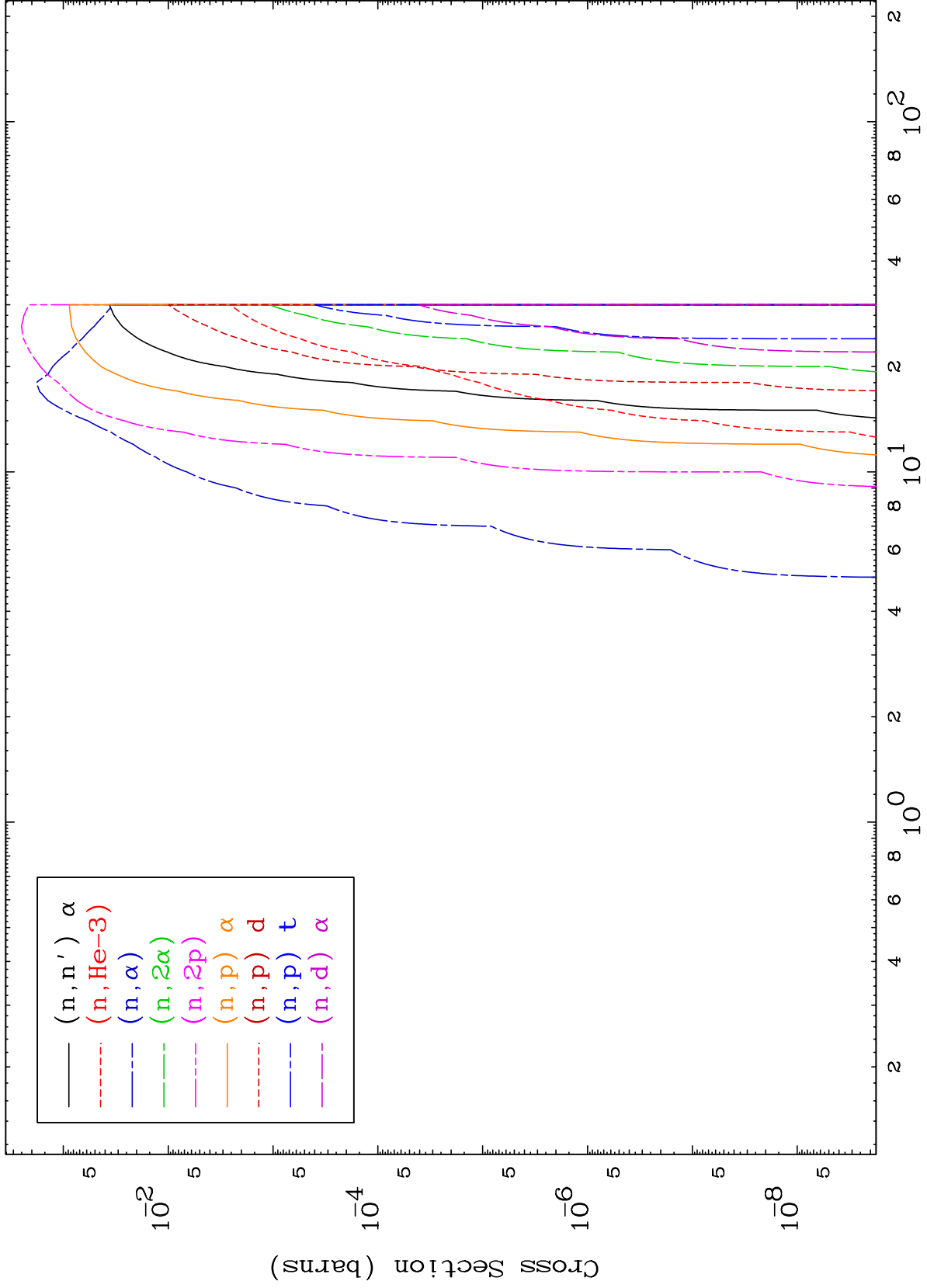
25-Mn-52m



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α Charged Particle
0 Kelvin Cross Sections

25-Mn-52m

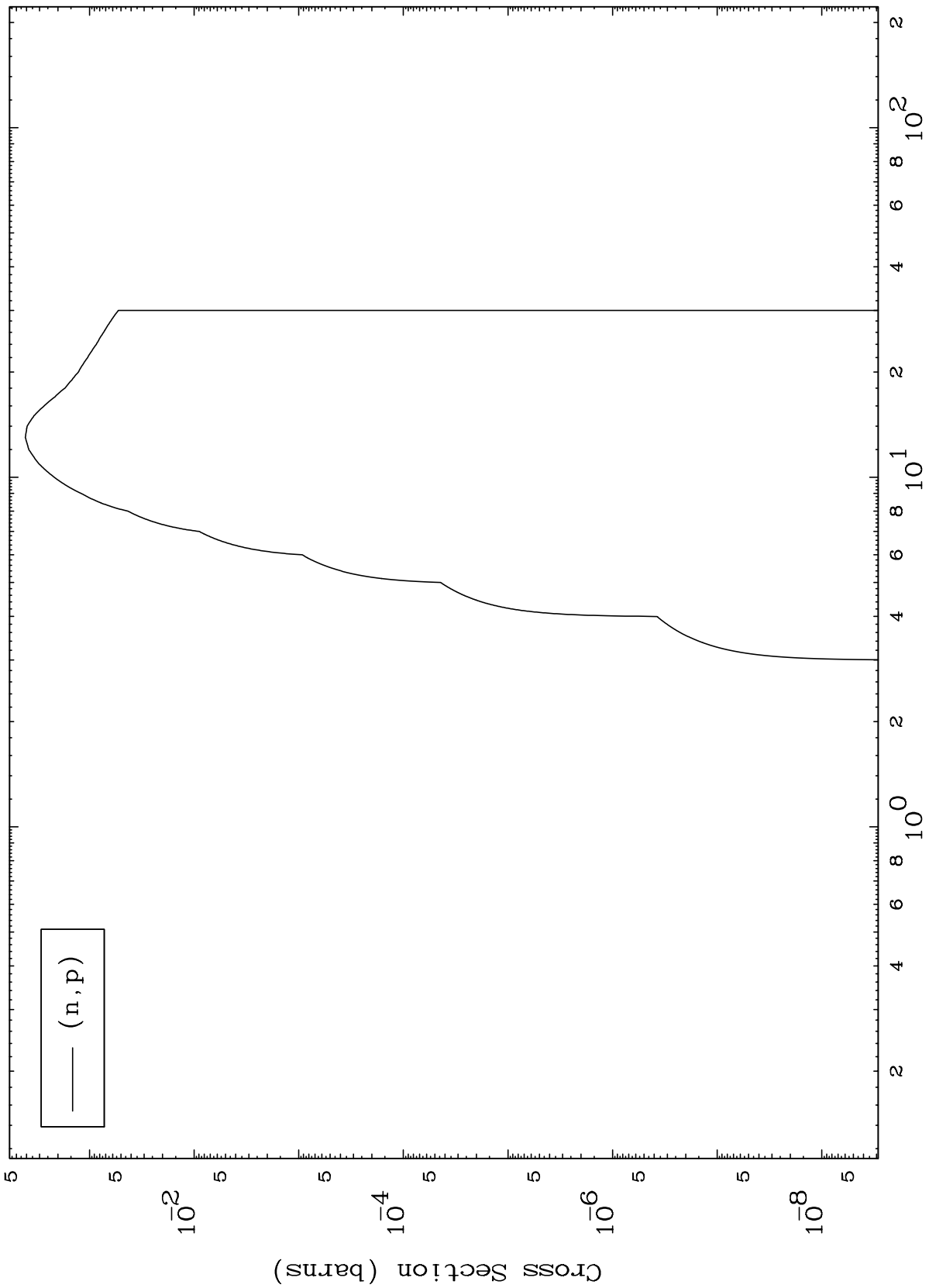


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(α, p) Levels

25-Mn-52m

0 Kelvin Cross Sections

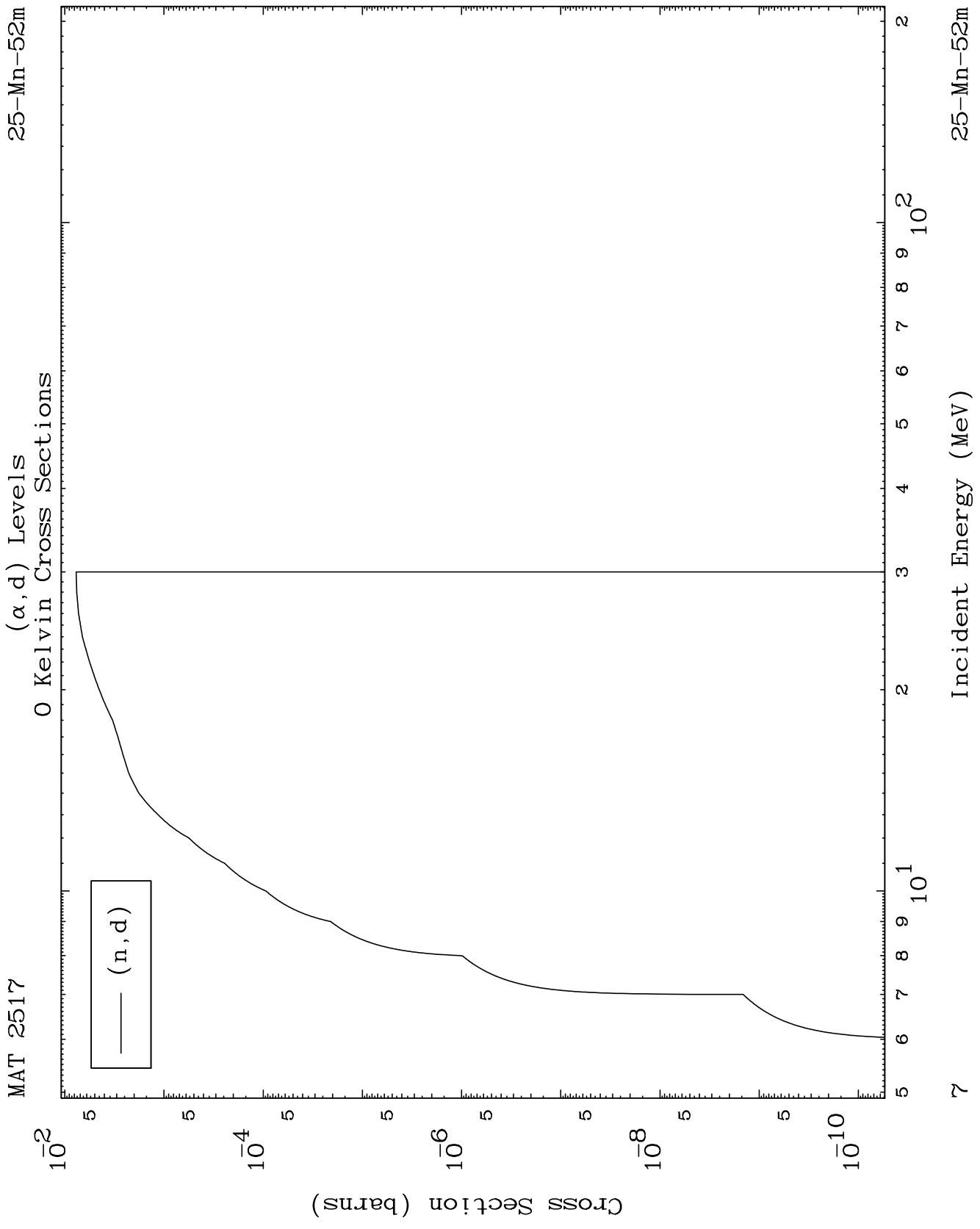


(n, p)

Incident Energy (MeV)

25-Mn-52m

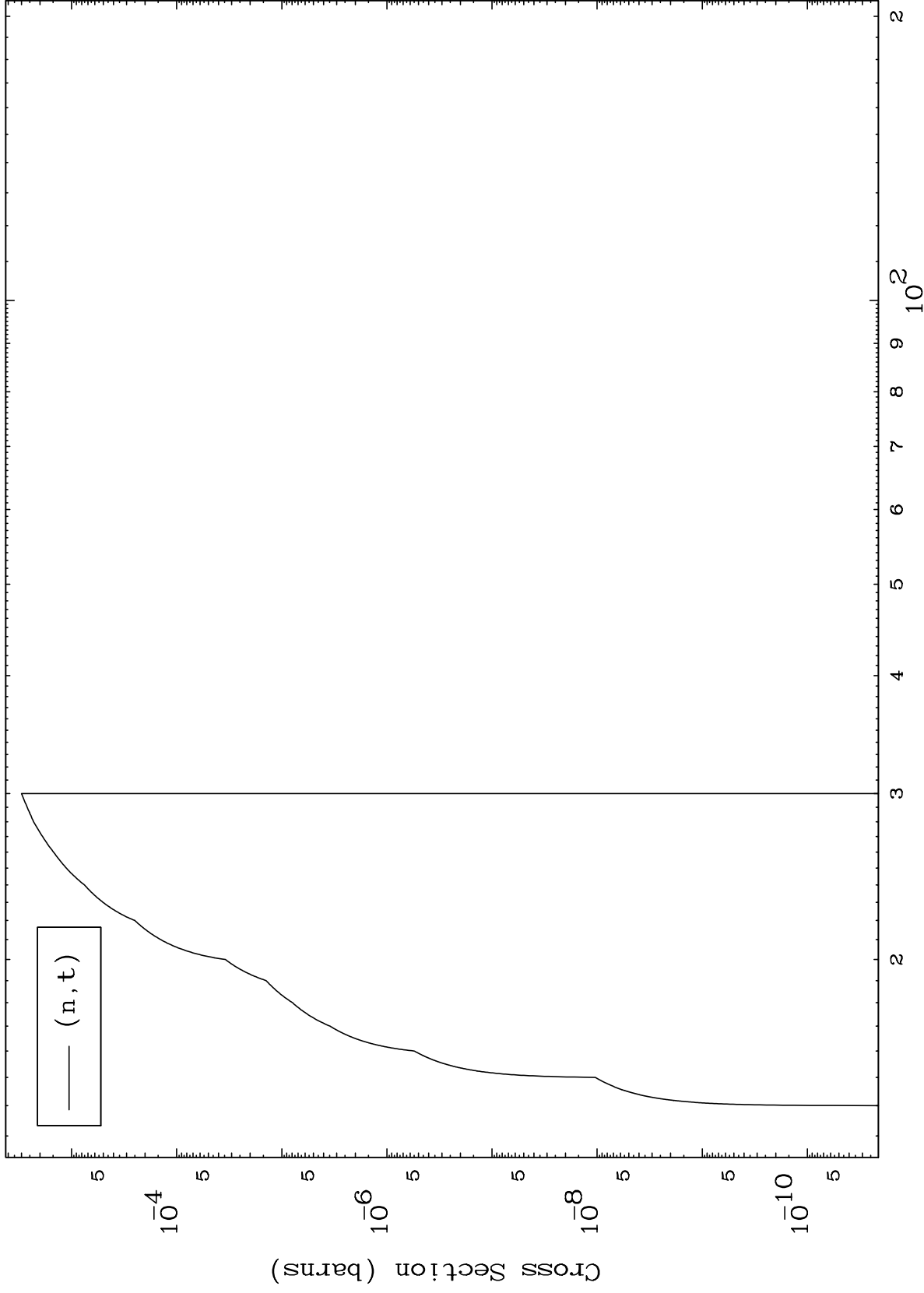
6



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(α, t) Levels
0 Kelvin Cross Sections

25-Mn-52m



8

Incident Energy (MeV)

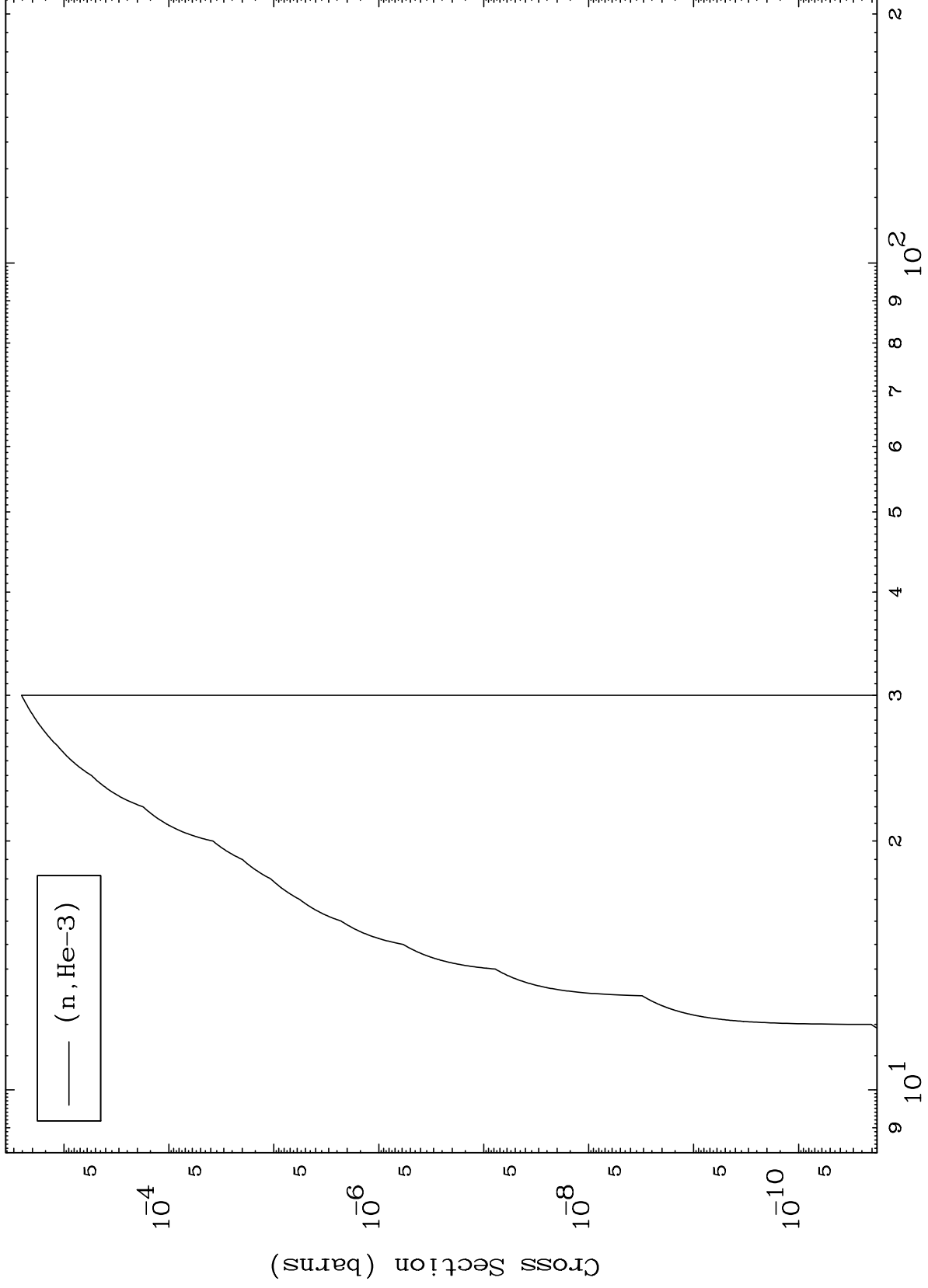
25-Mn-52m

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(α , He3) Levels

25-Mn-52m

0 Kelvin Cross Sections



9

Incident Energy (MeV)

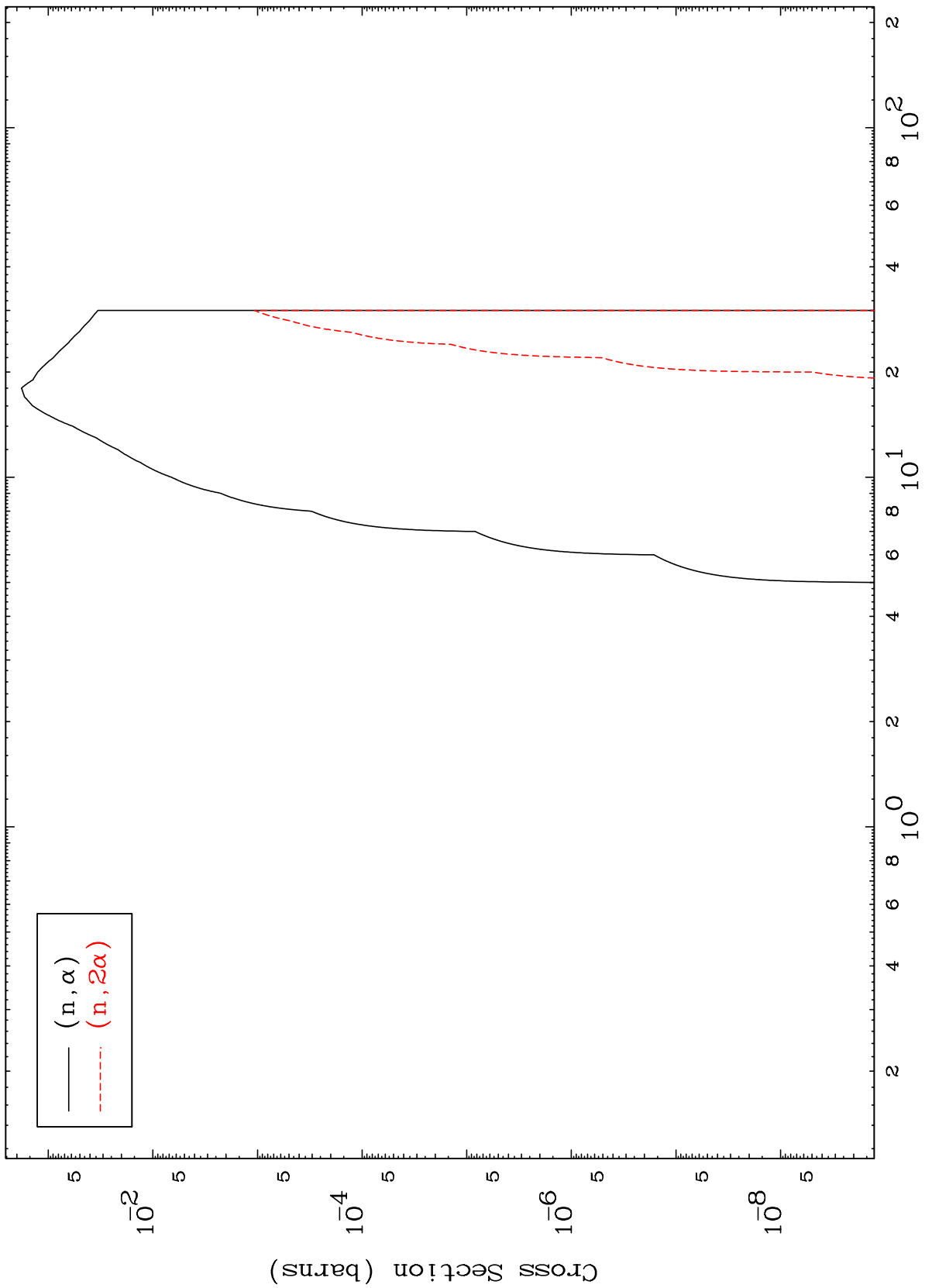
25-Mn-52m

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(α, α) Levels

25-Mn-52m

0 Kelvin Cross Sections



10

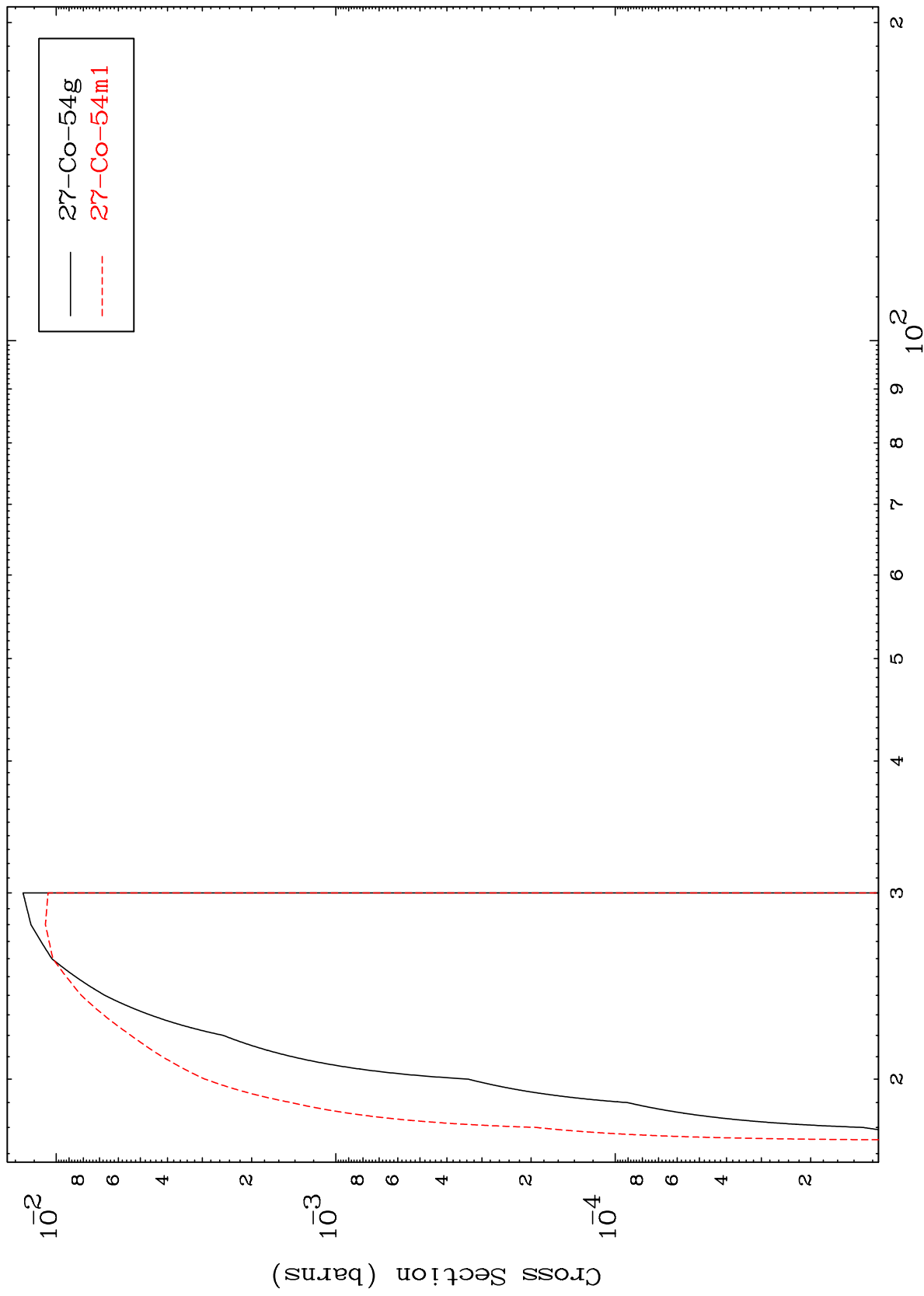
Incident Energy (MeV)

25-Mn-52m

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25-Mn-52m

(n,2n)
Radionuclide Production Cross Section



25-Mn-52m

Incident Energy (MeV)

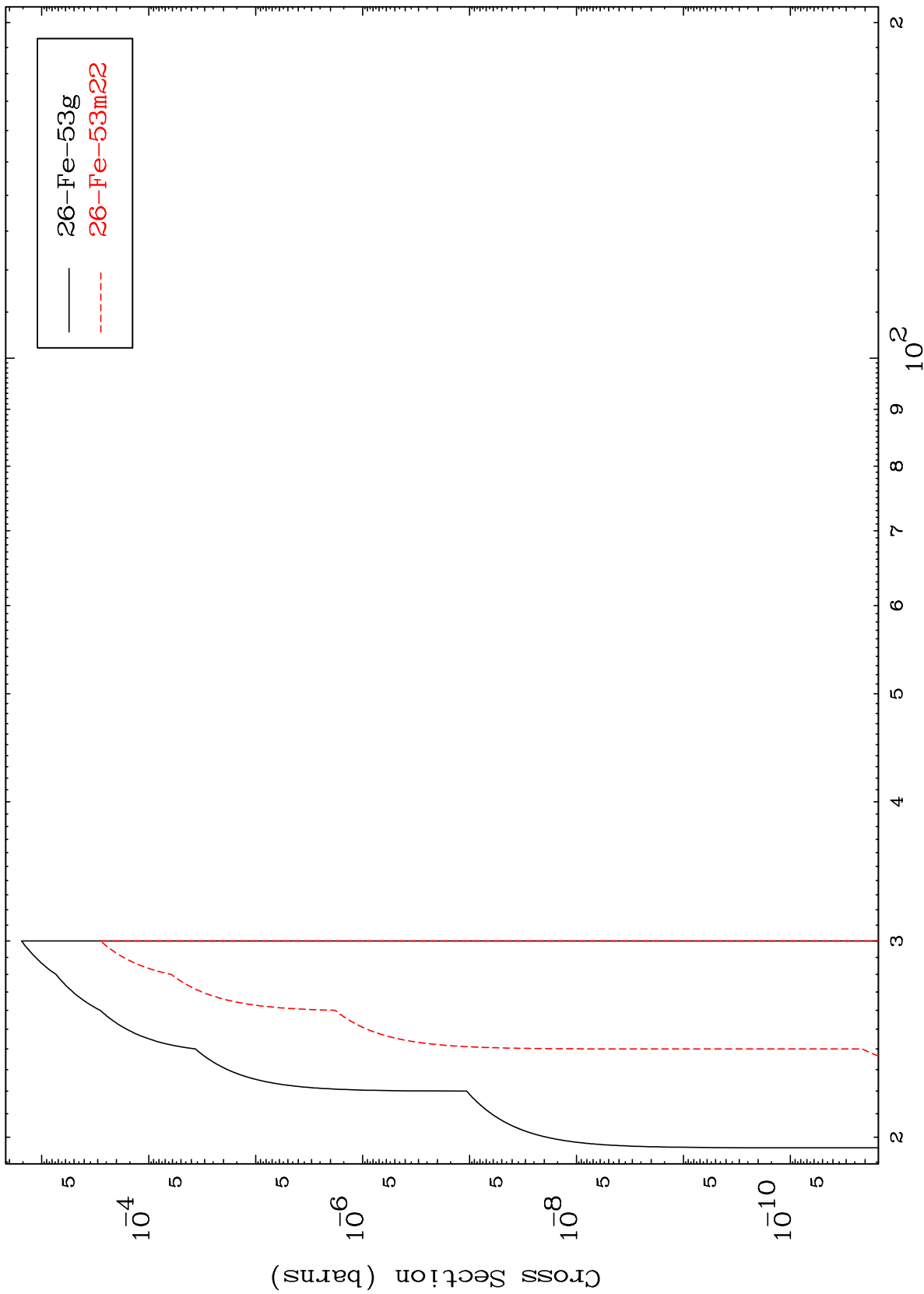
11

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(n,n') d

25-Mn-52m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

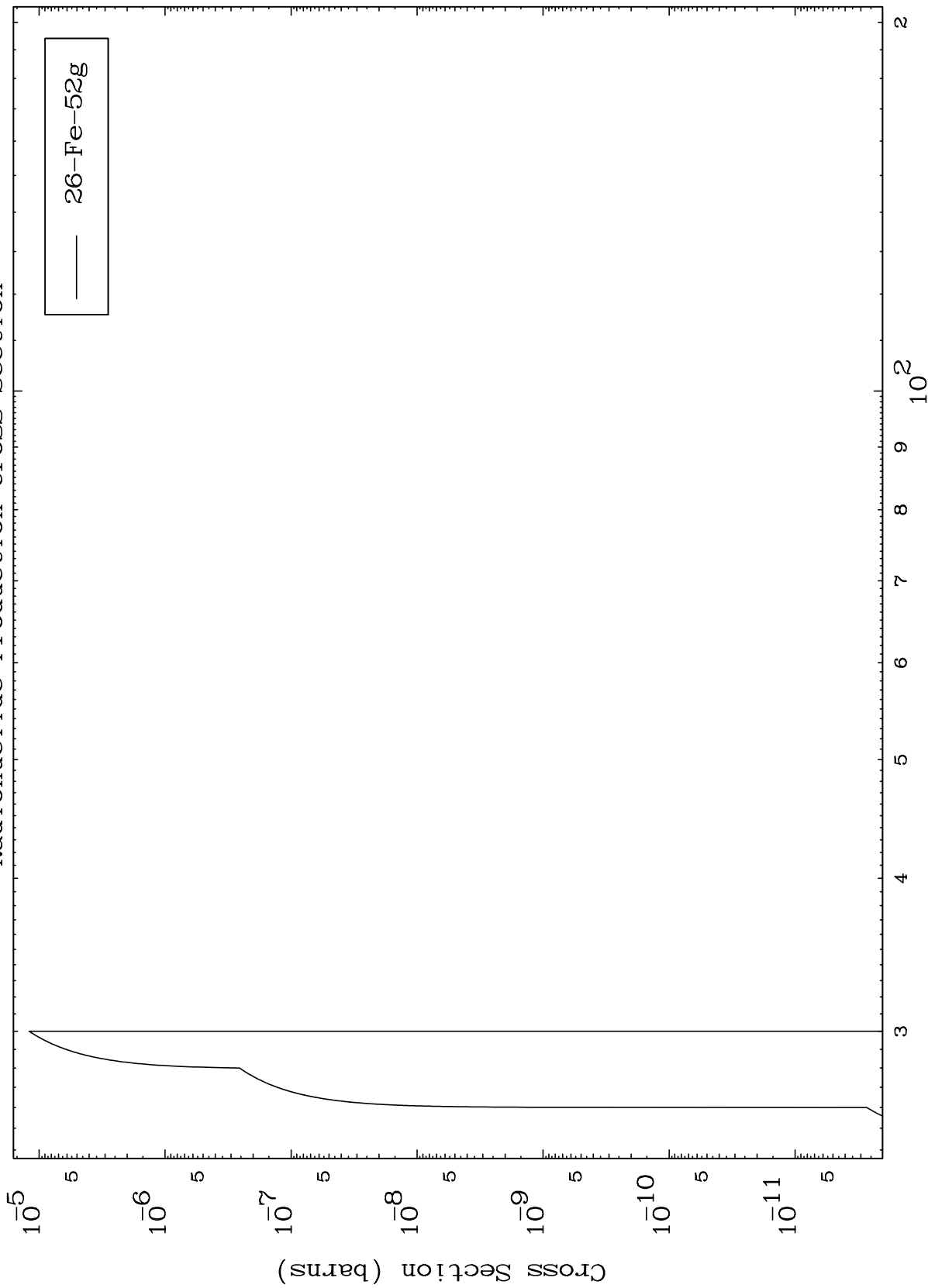
25-Mn-52m

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(n,n') t

25-Mn-52m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

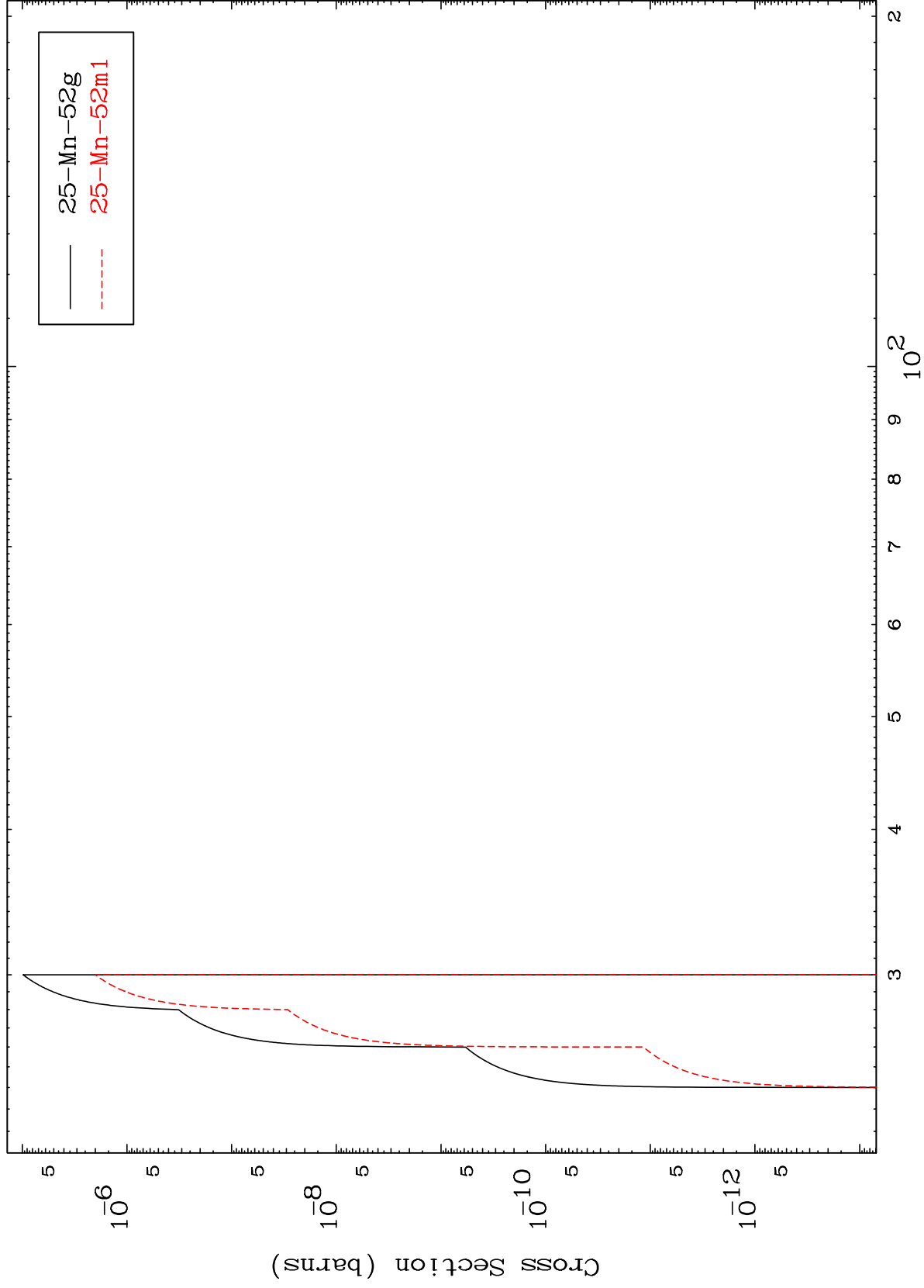
25-Mn-52m

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(n,n') He-3

25-Mn-52m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

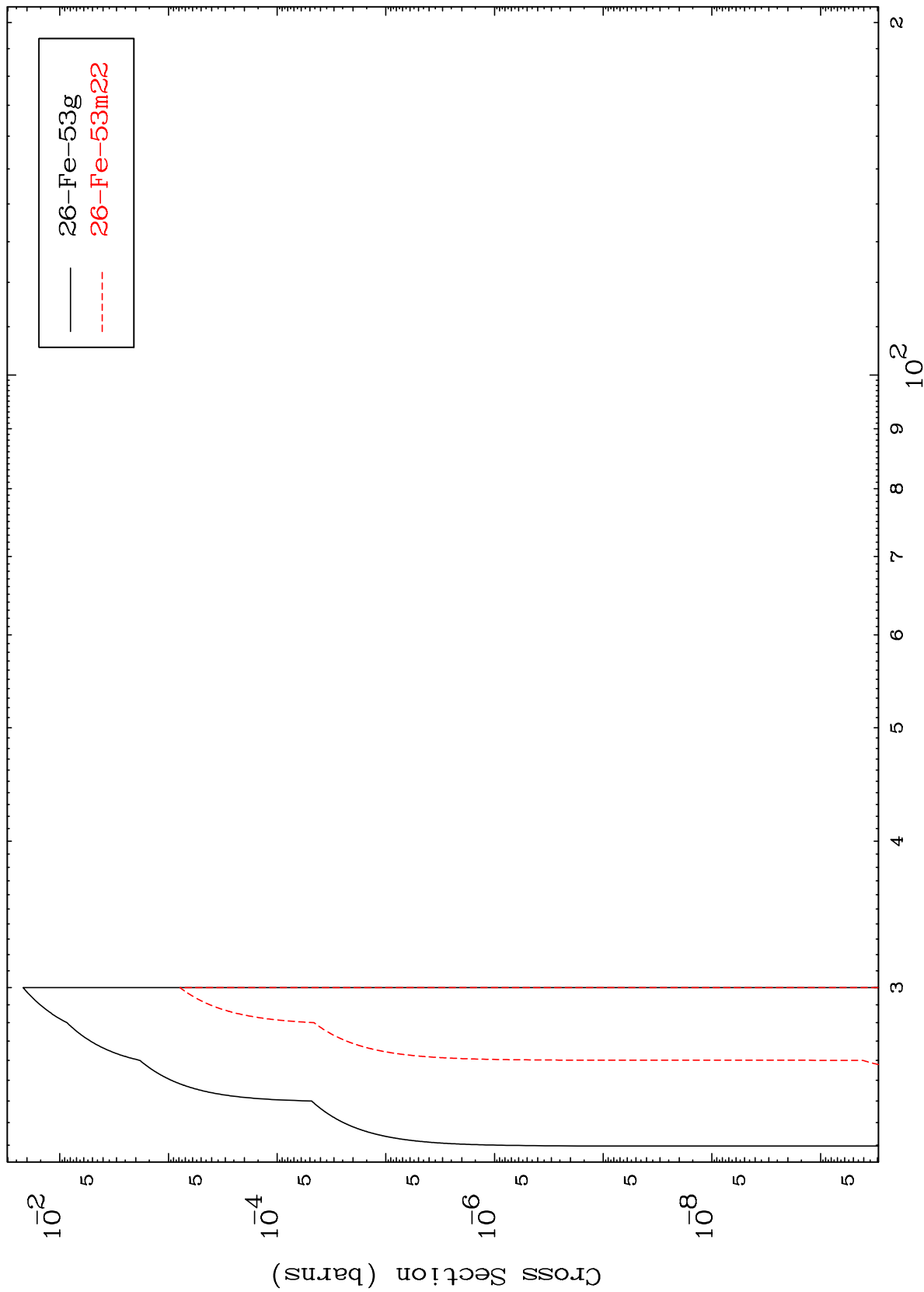
25-Mn-52m

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(n,2n) p

25-Mn-52m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

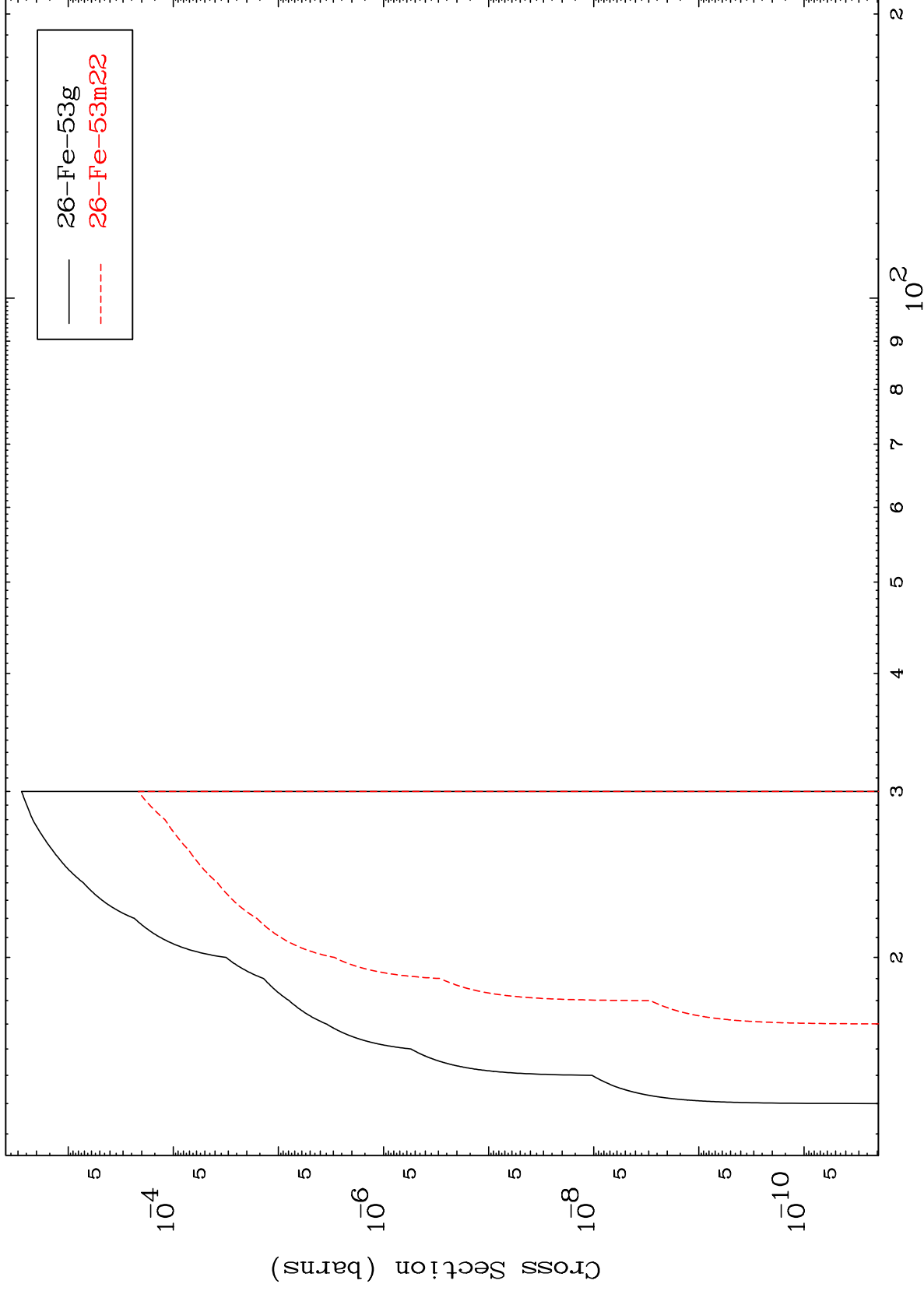
25-Mn-52m

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(n, t)

25-Mn-52m

Radionuclide Production Cross Section



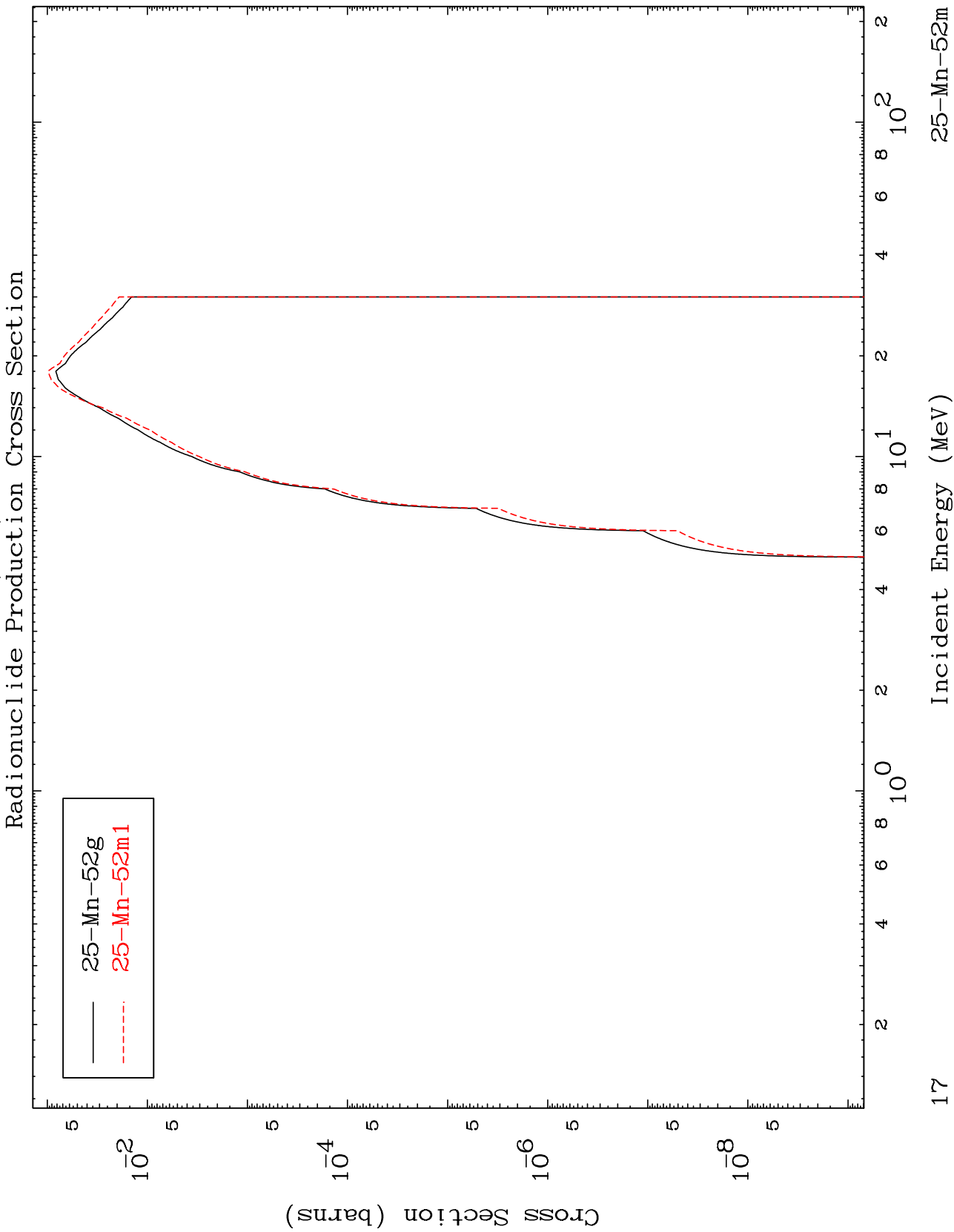
16

Incident Energy (MeV)

25-Mn-52m

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25-Mn-52m

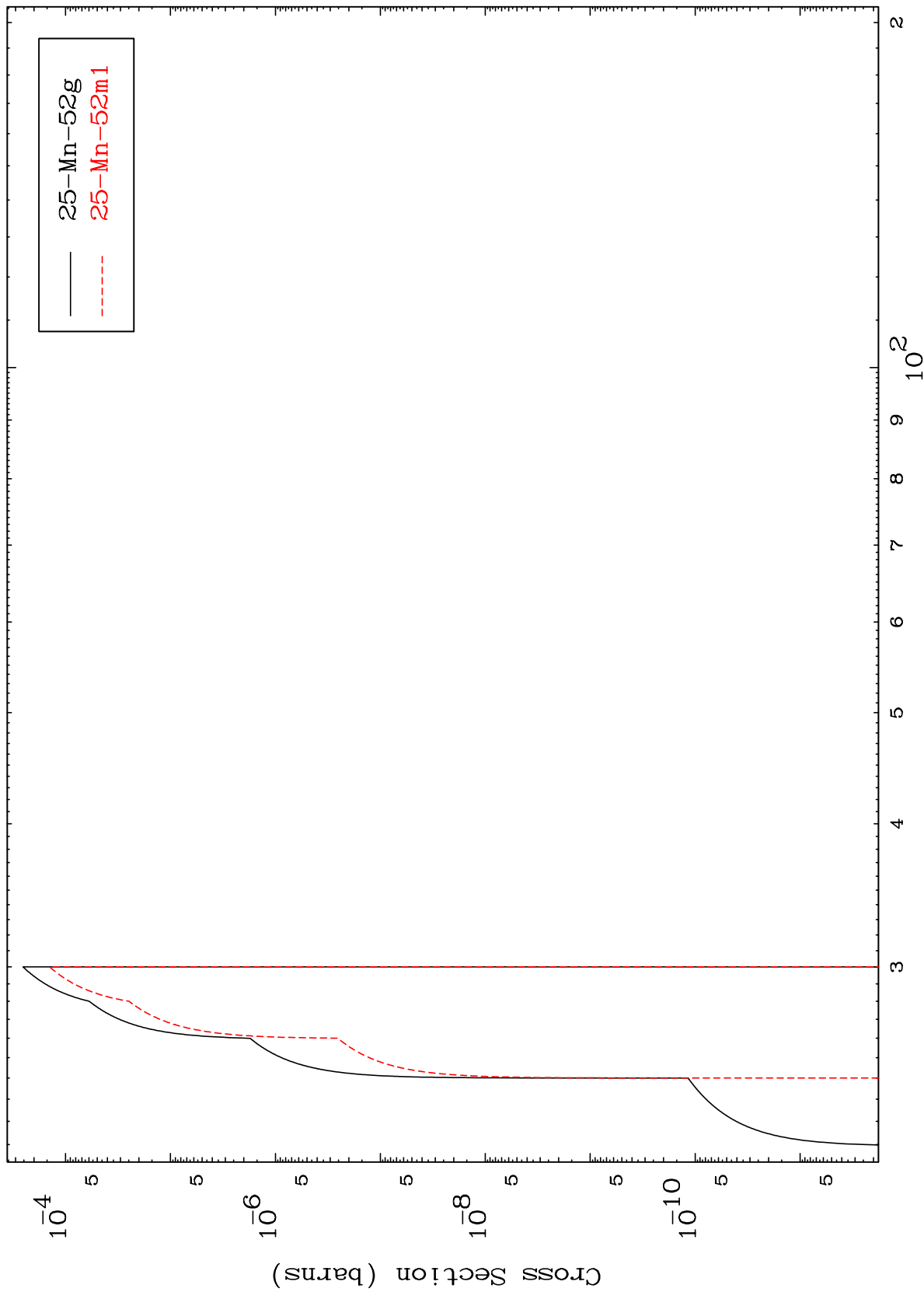


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(n,p) t

25-Mn-52m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

25-Mn-52m