

Program EVALPLOT
(Version 2021-1)

by

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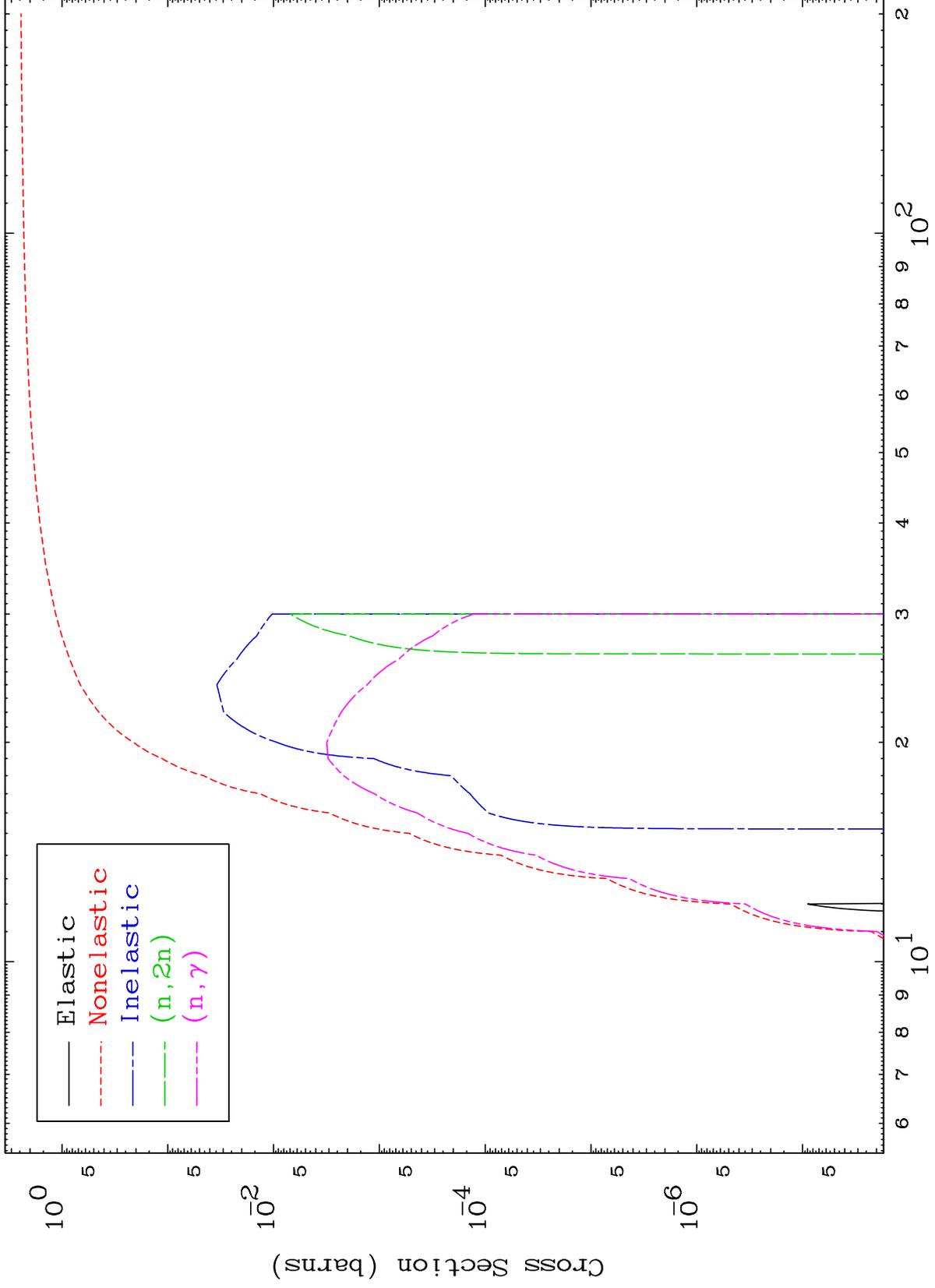
Press Mouse Button to Start

MAT 6874

0 Kelvin

α Major Cross Sections

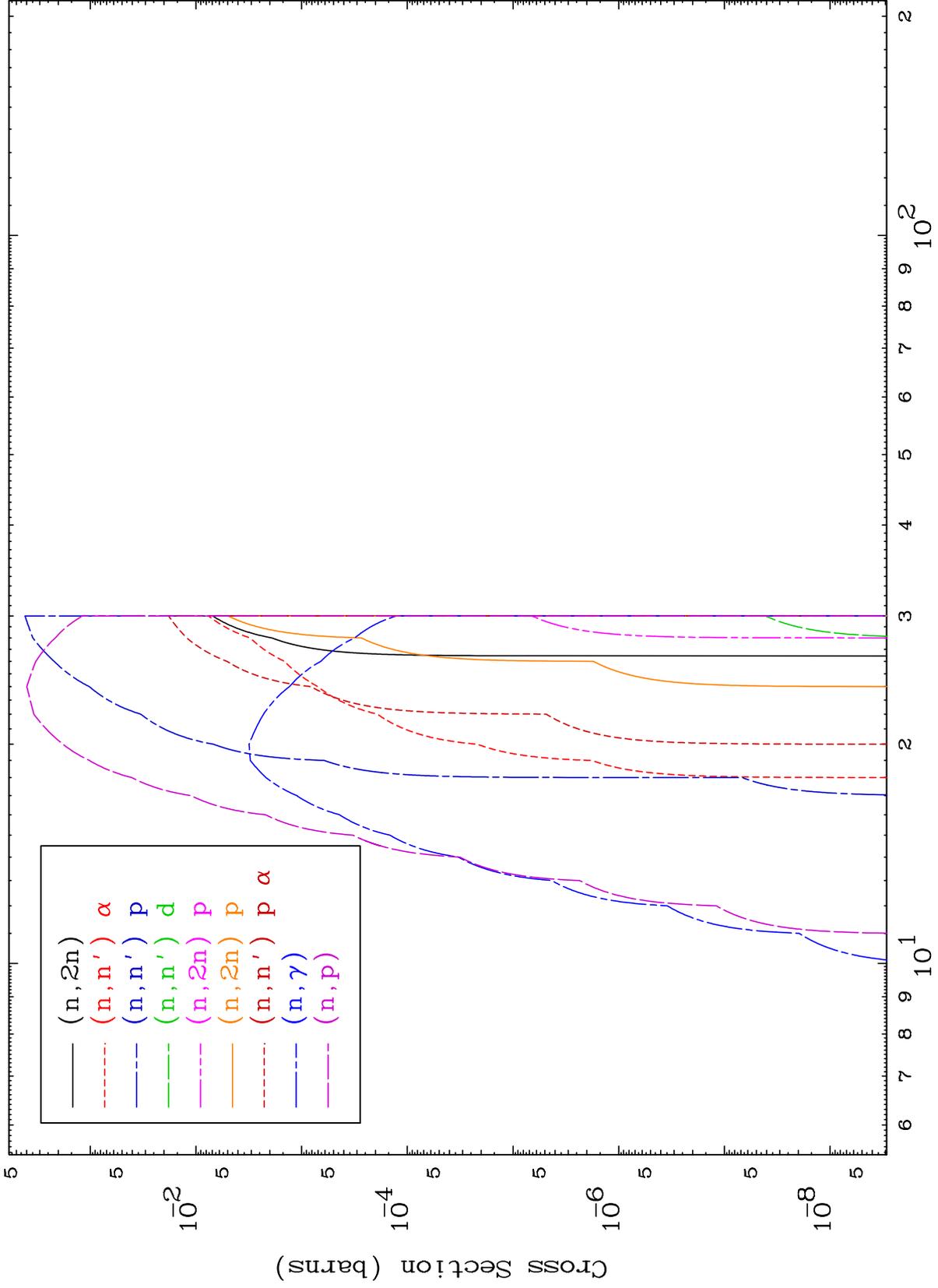
69-Tm-152



1

Incident Energy (MeV)

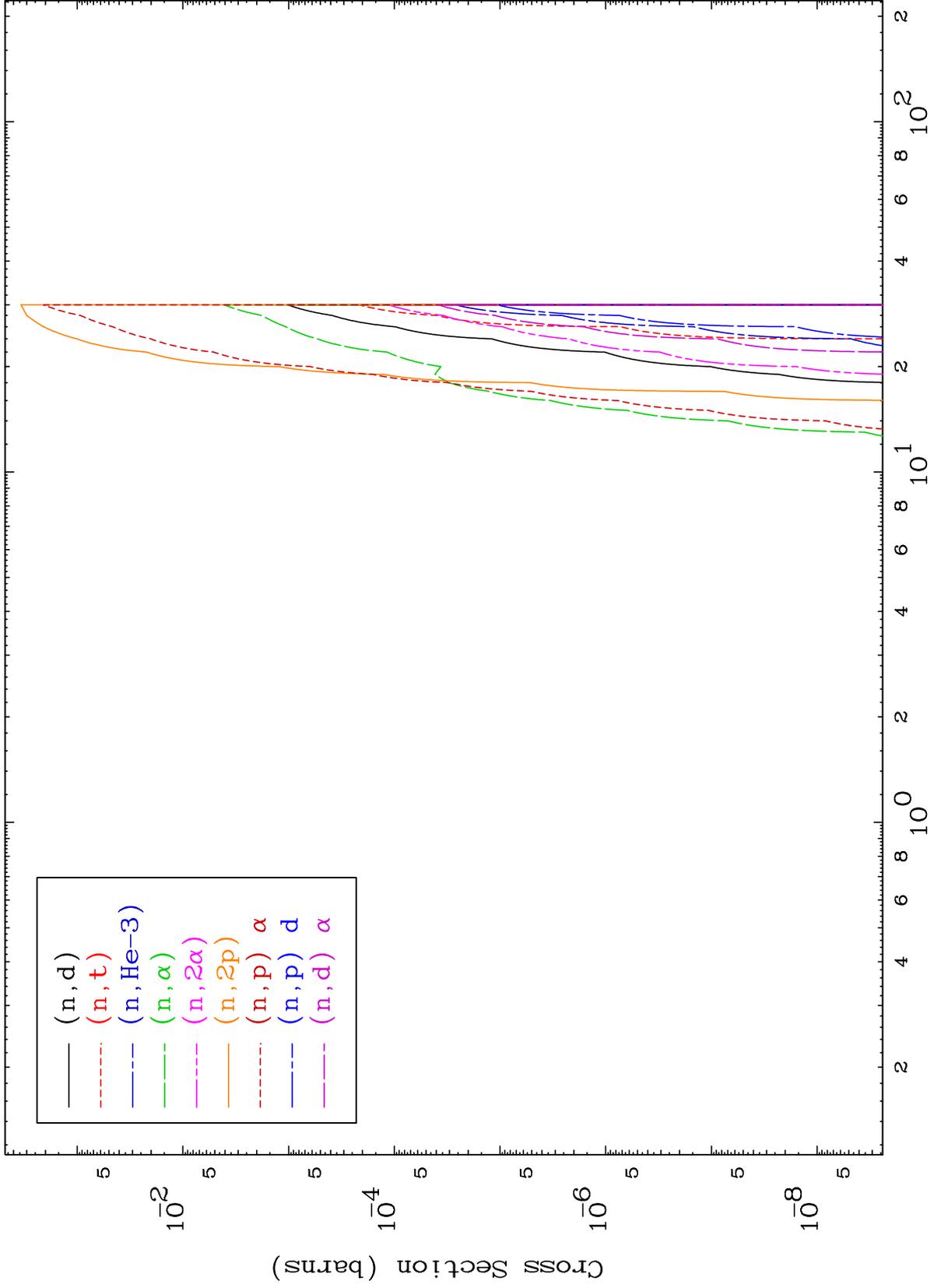
69-Tm-152



MAT 6874

α Neutron Absorption
0 Kelvin Cross Sections

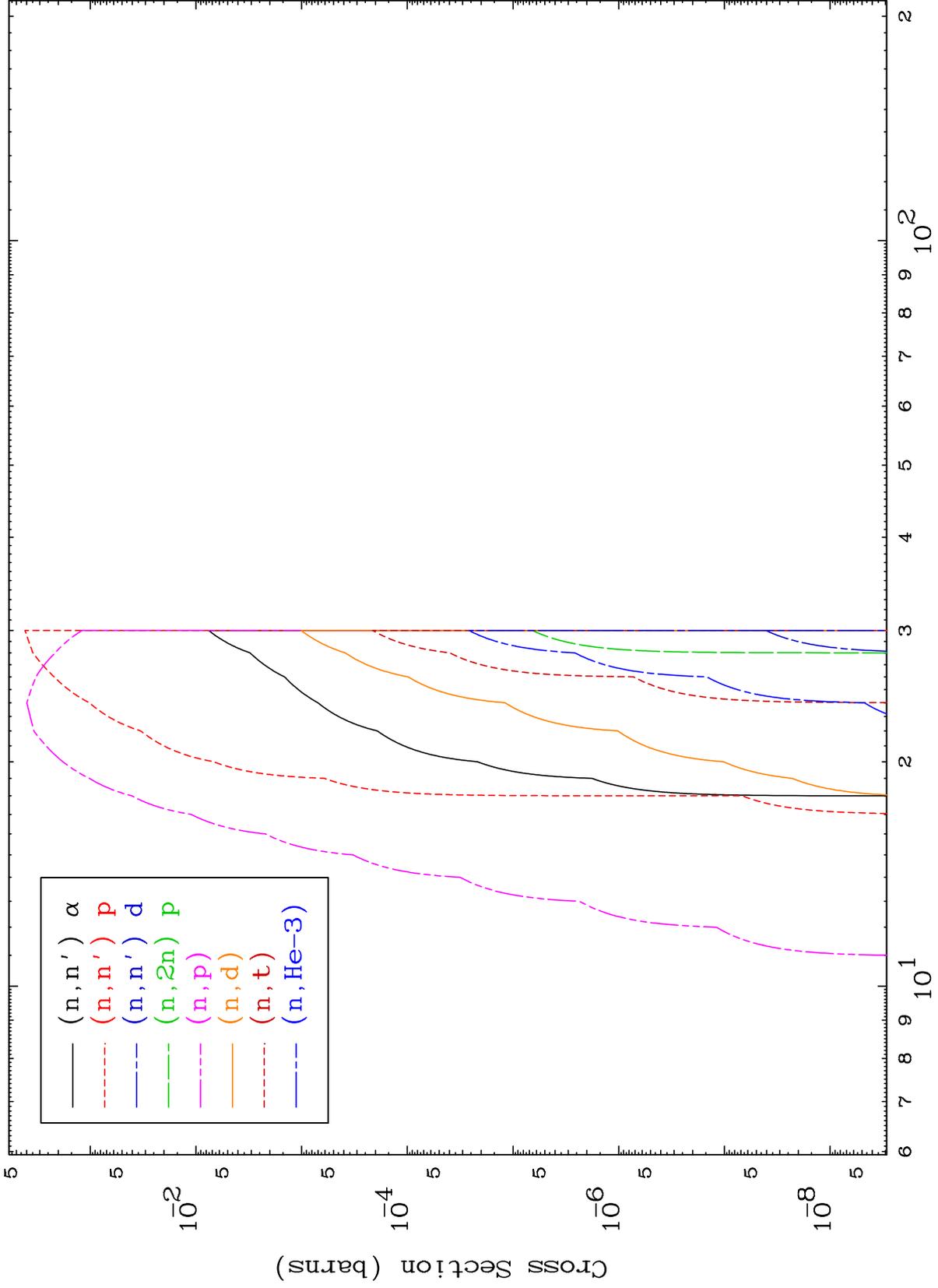
69-Tm-152



MAT 6874

α Charged Particle
0 Kelvin Cross Sections

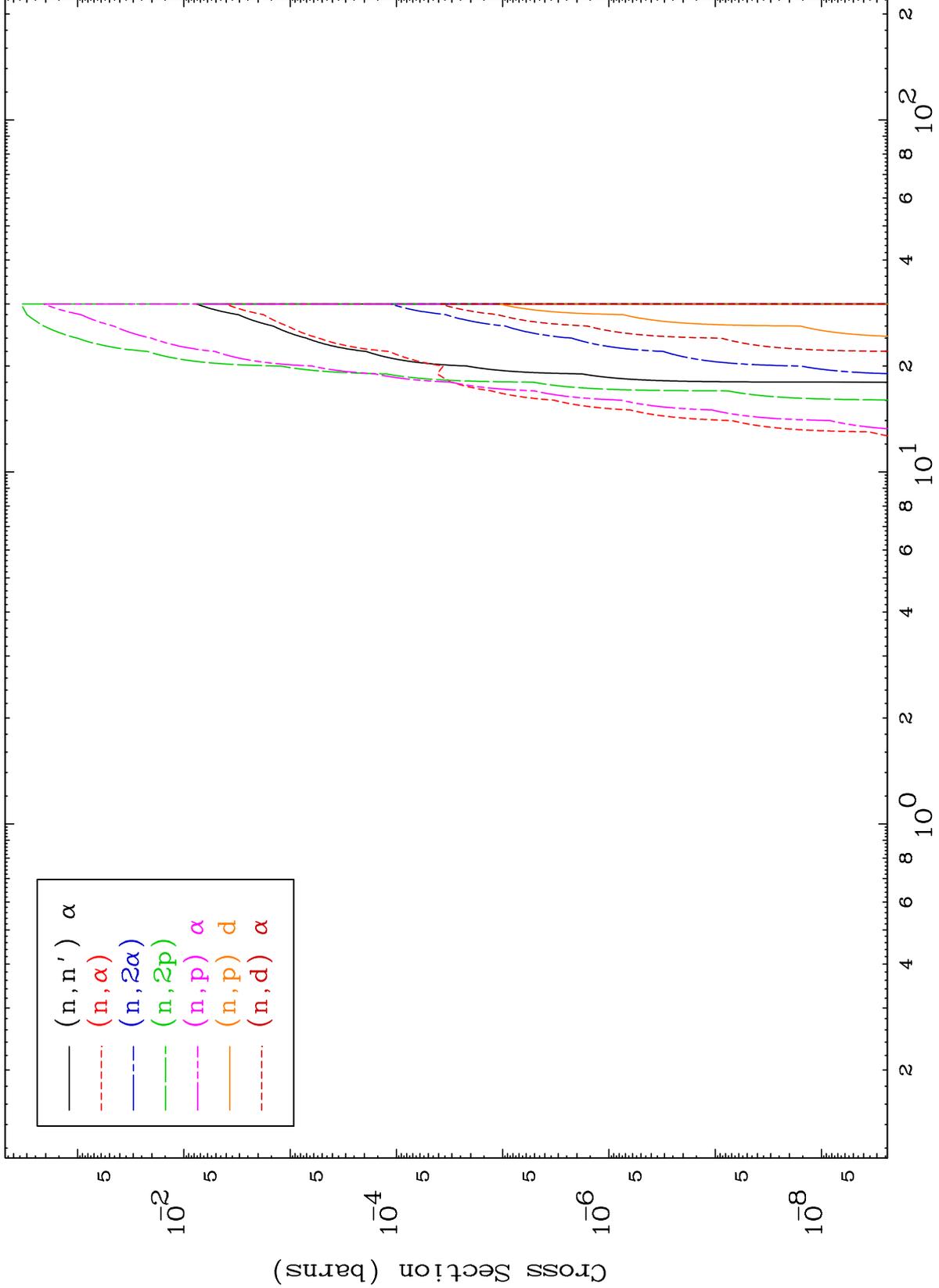
69-Tm-152



4

Incident Energy (MeV)

69-Tm-152

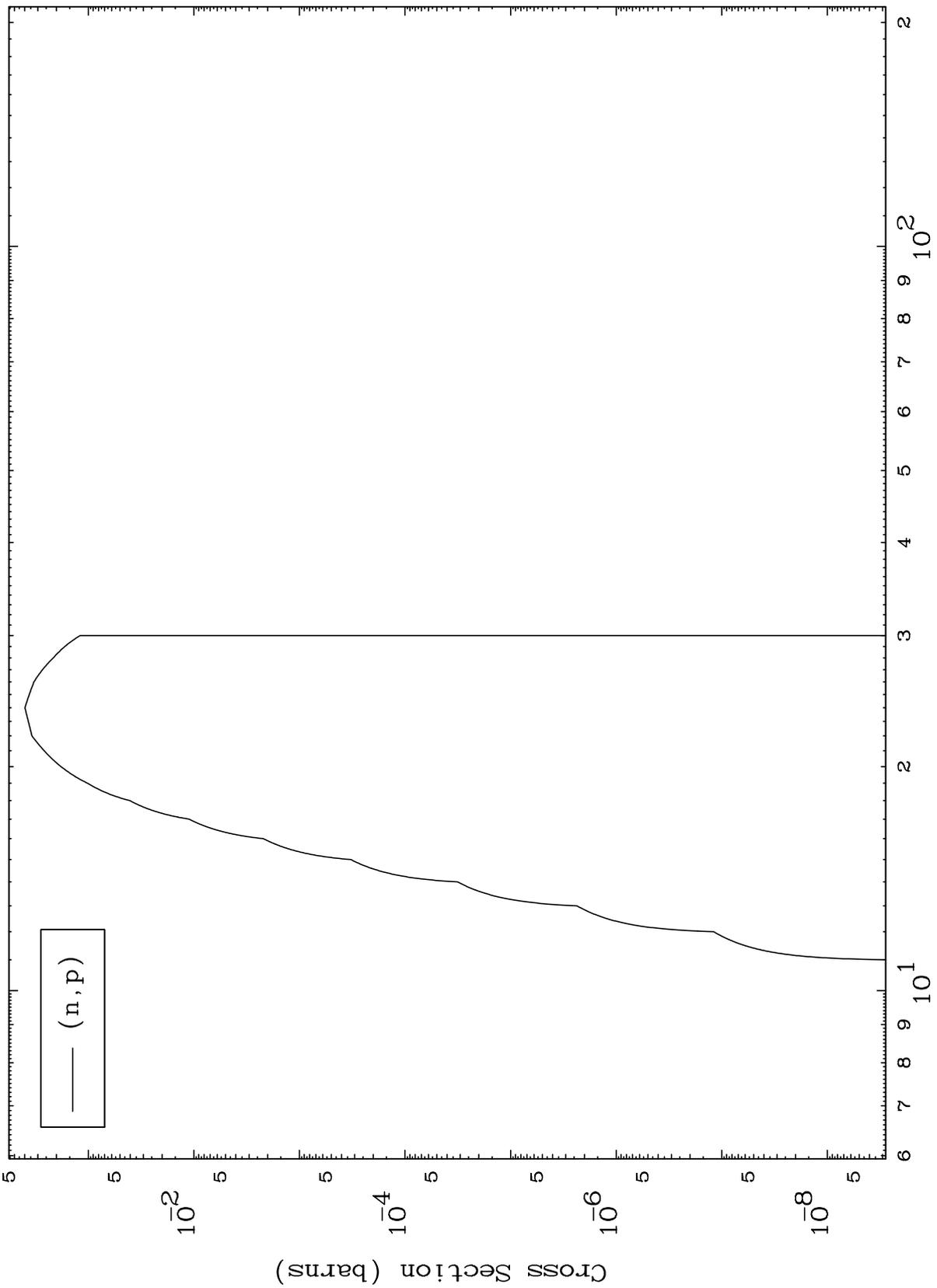


MAT 6874

(α, p) Levels

69-Tm-152

0 Kelvin Cross Sections



6

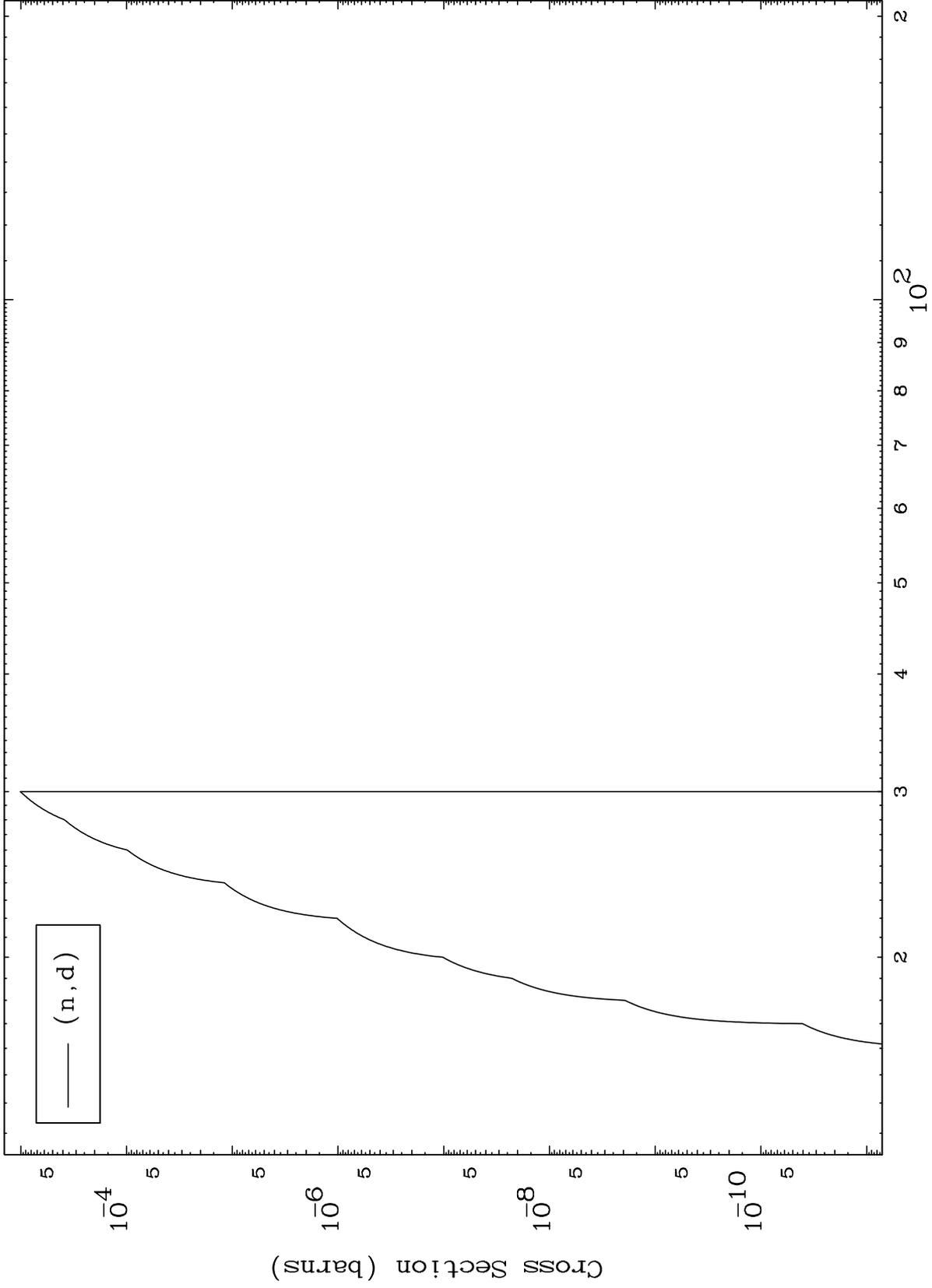
Incident Energy (MeV)

69-Tm-152

MAT 6874

(α, d) Levels
0 Kelvin Cross Sections

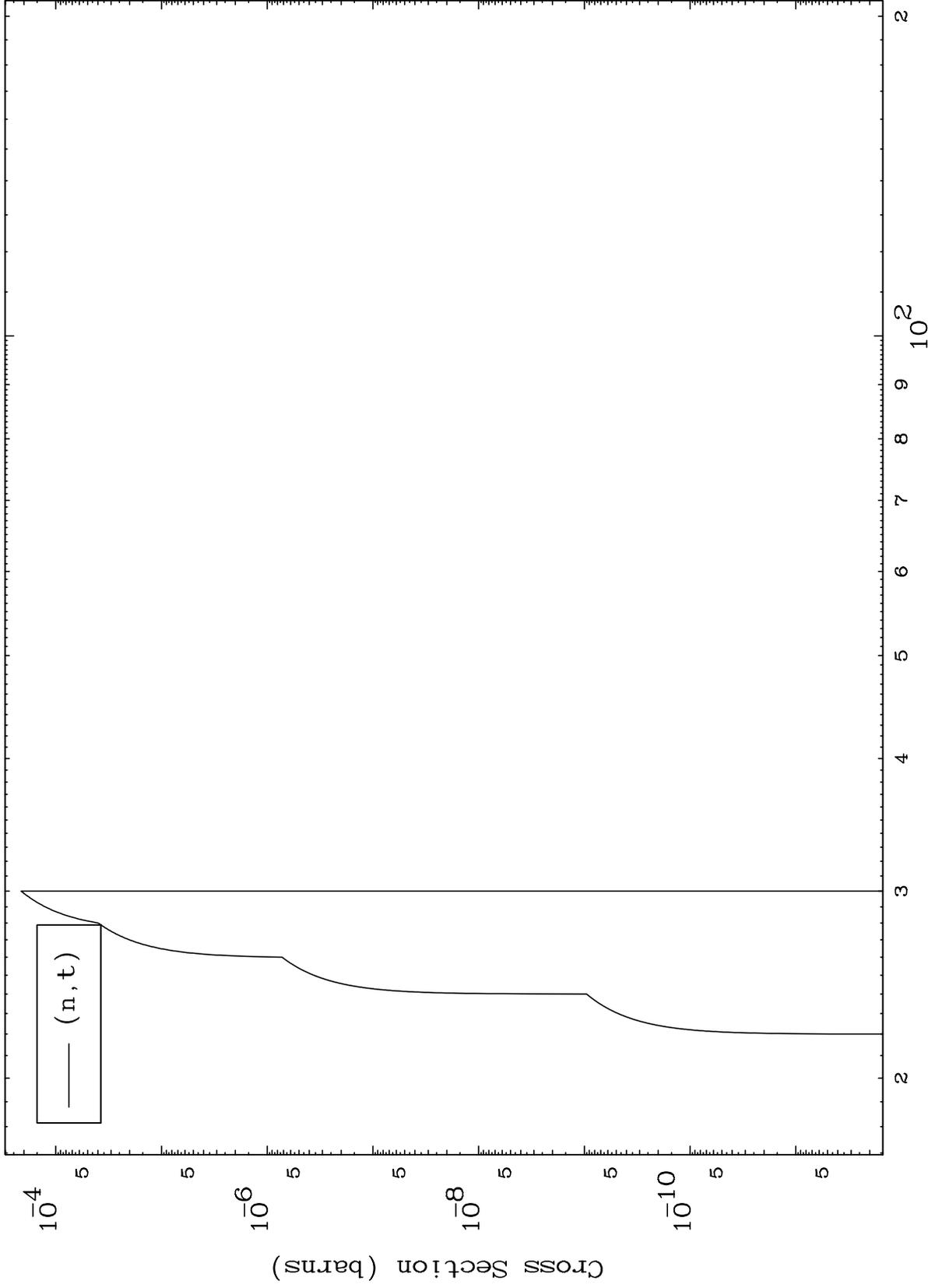
69-Tm-152

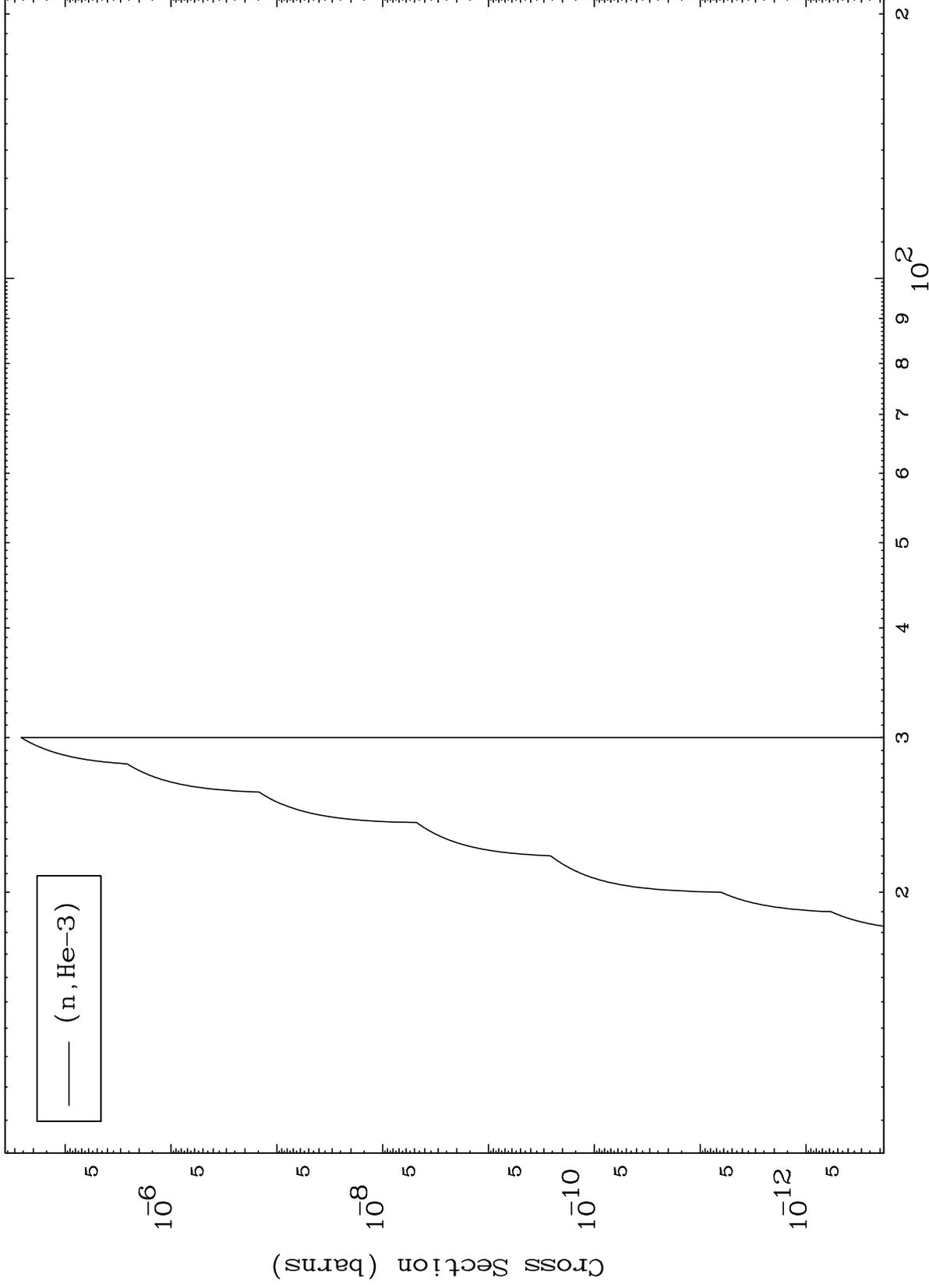


7

Incident Energy (MeV)

69-Tm-152



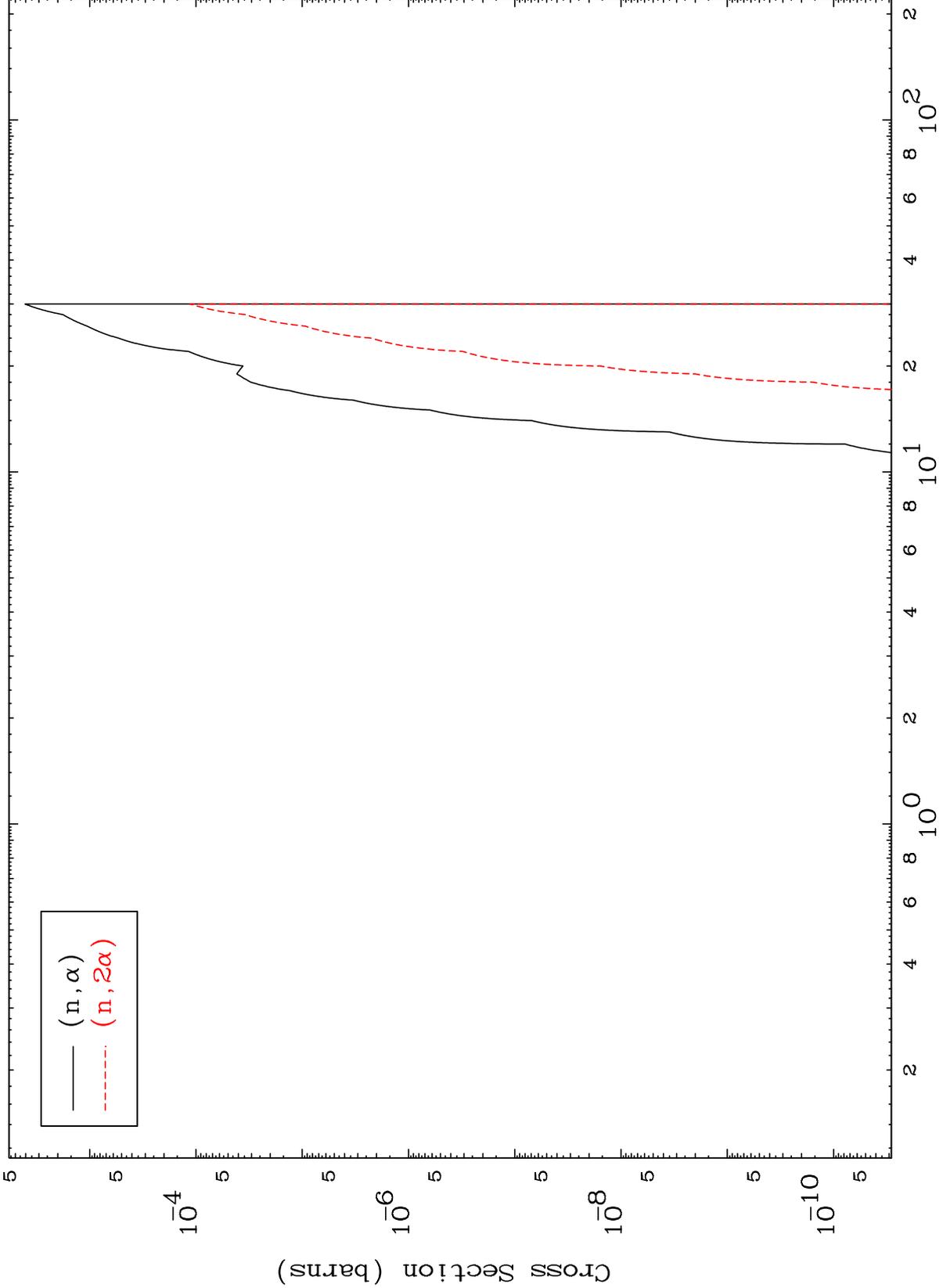


MAT 6874

(α, α) Levels

69-Tm-152

0 Kelvin Cross Sections



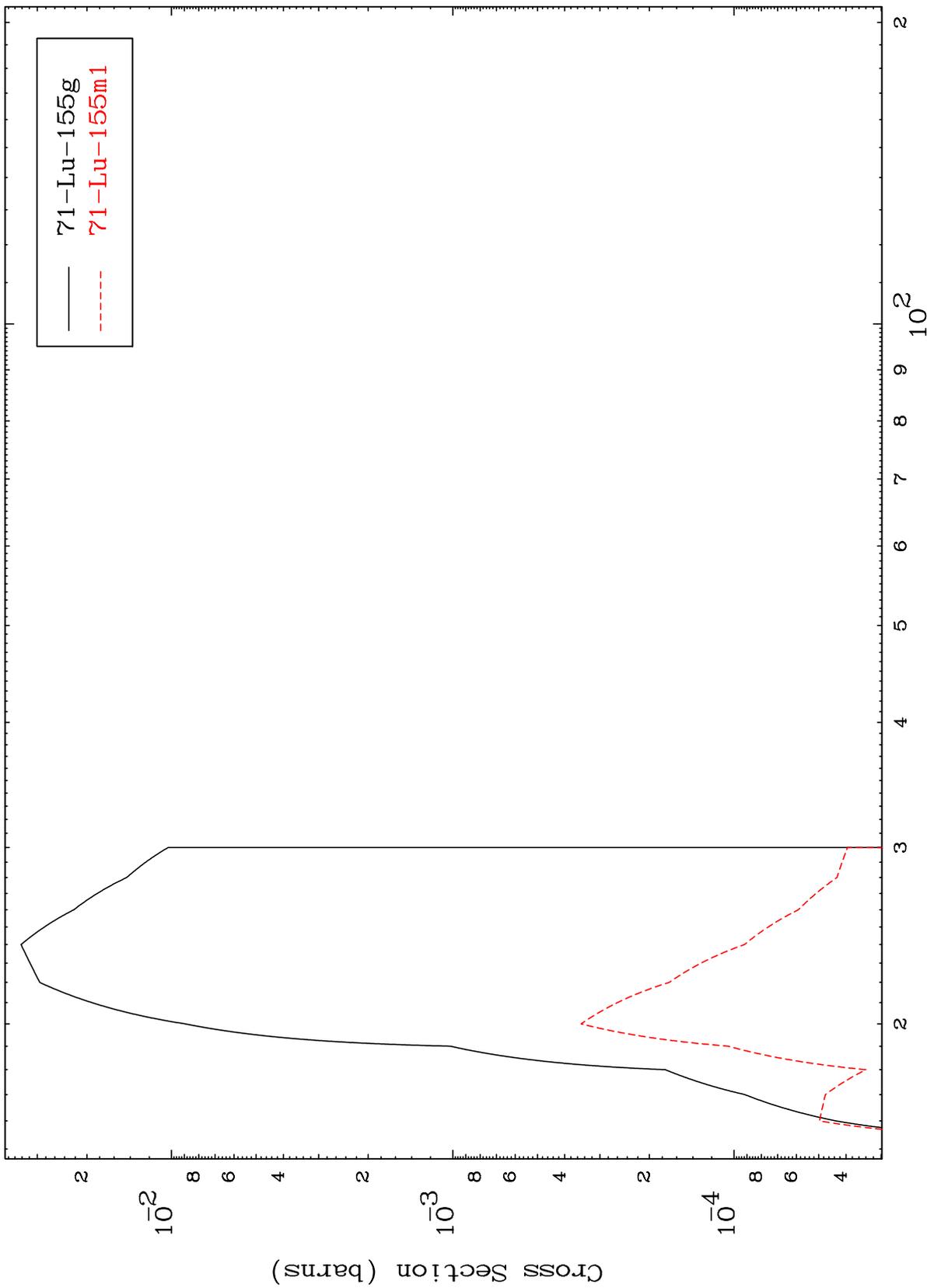
Legend:
— (n, α)
- - - ($n, 2\alpha$)

10

Incident Energy (MeV)

69-Tm-152

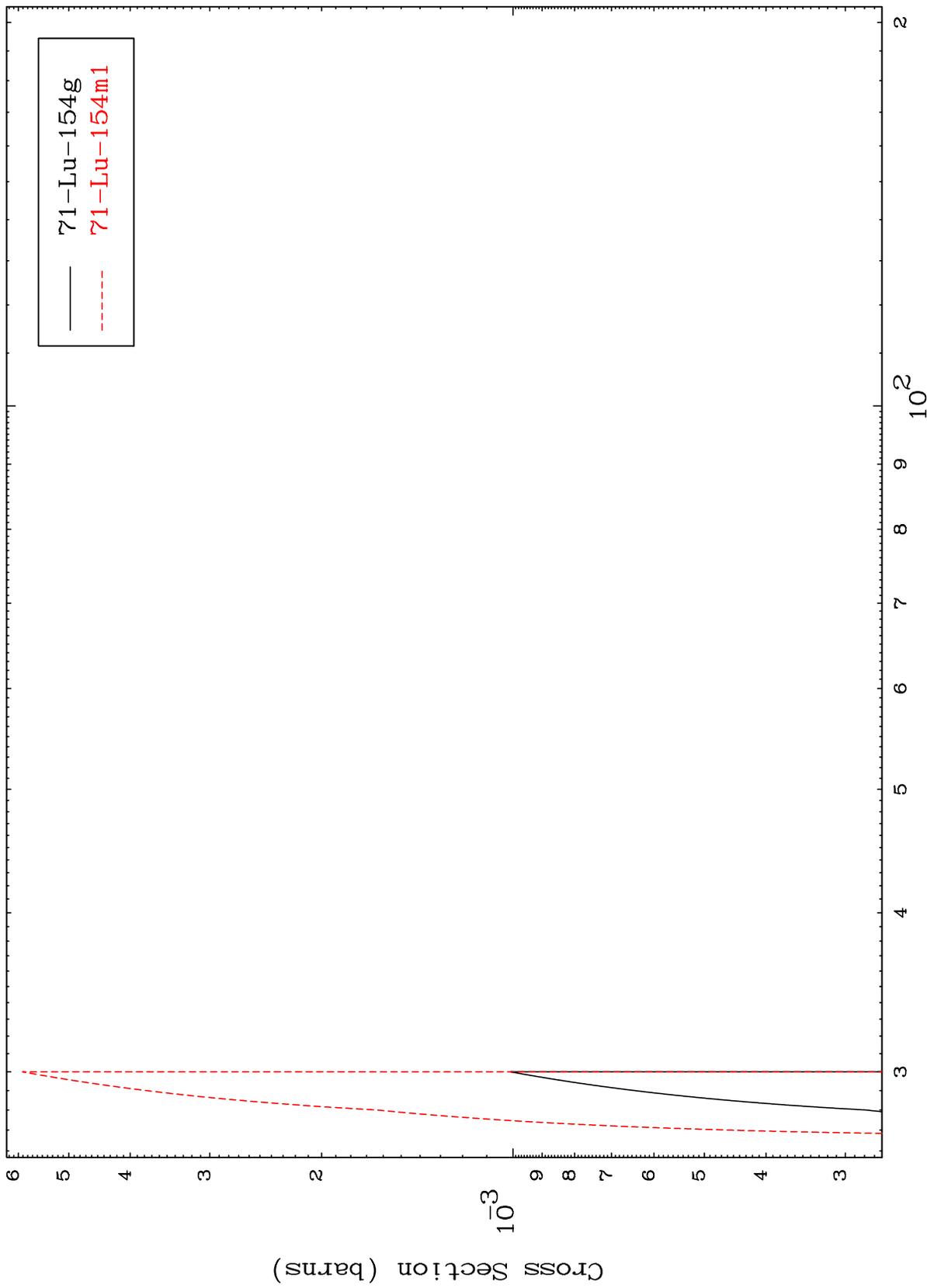
Inelastic
Radionuclide Production Cross Section



MAT 6874

69-Tm-152

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

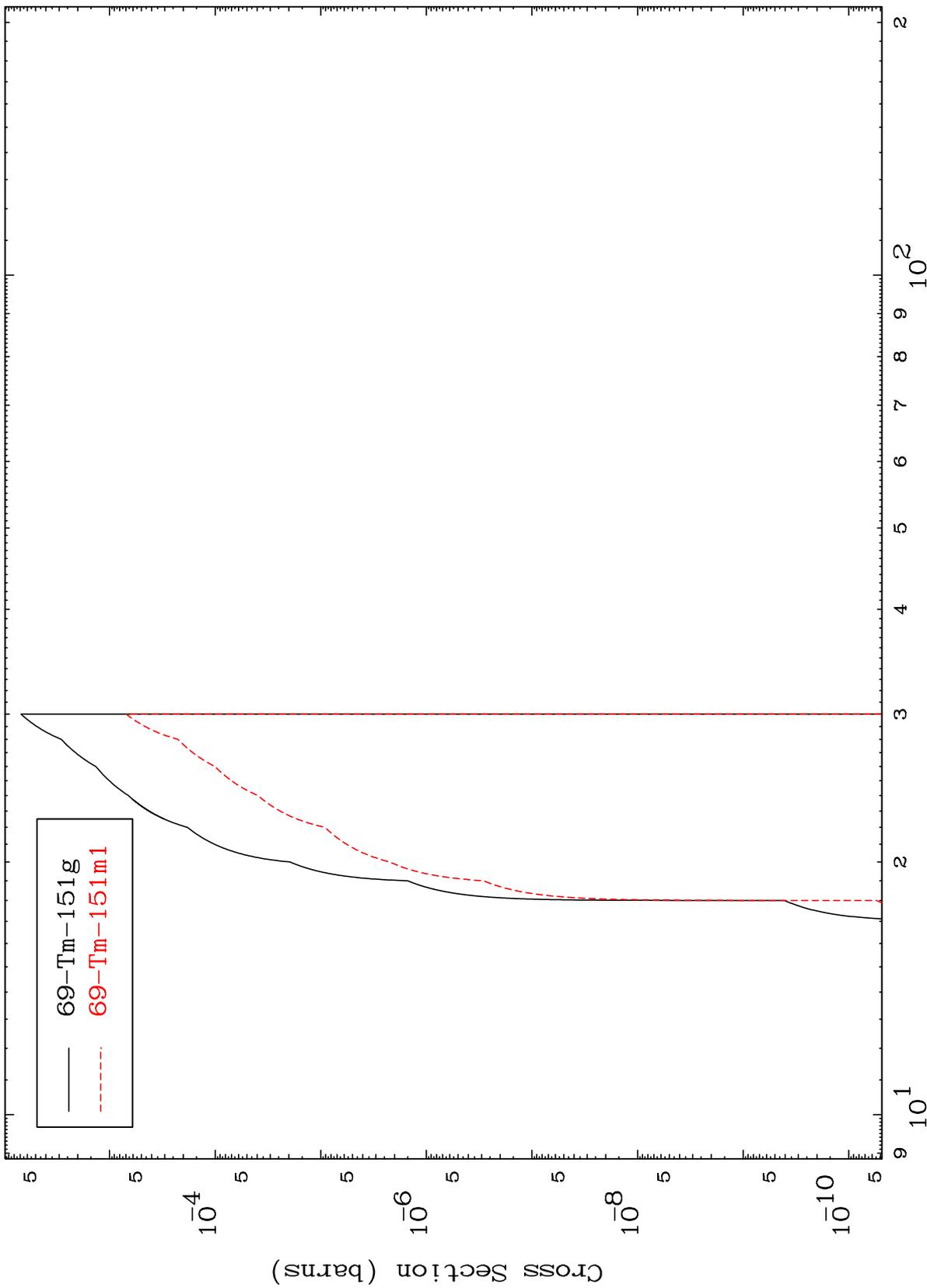
69-Tm-152

MAT 6874

$(n, n') \alpha$

69-Tm-152

Radionuclide Production Cross Section



13

Incident Energy (MeV)

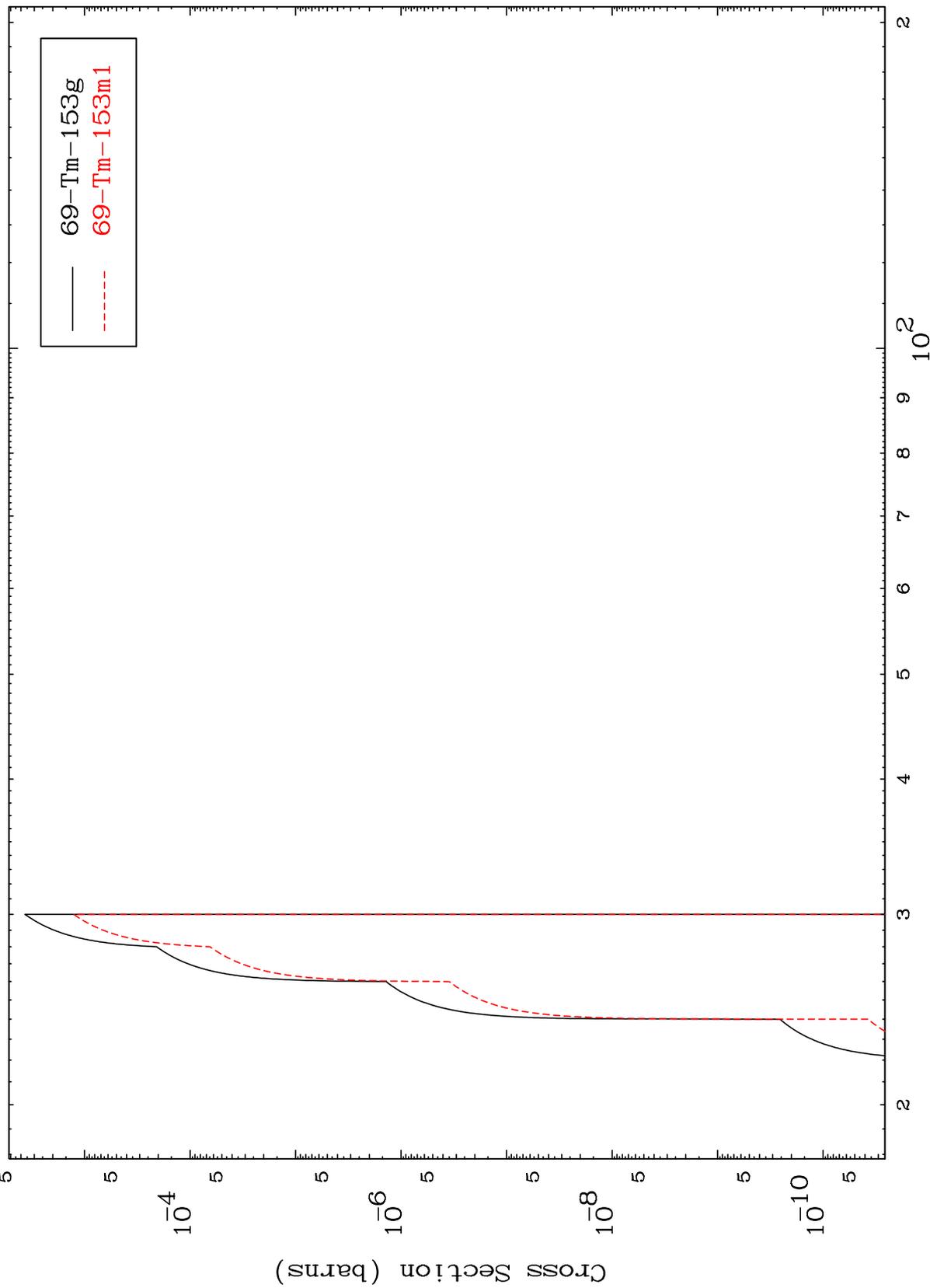
69-Tm-152

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(n,2n) p

69-Tm-152

Radionuclide Production Cross Section



14

Incident Energy (MeV)

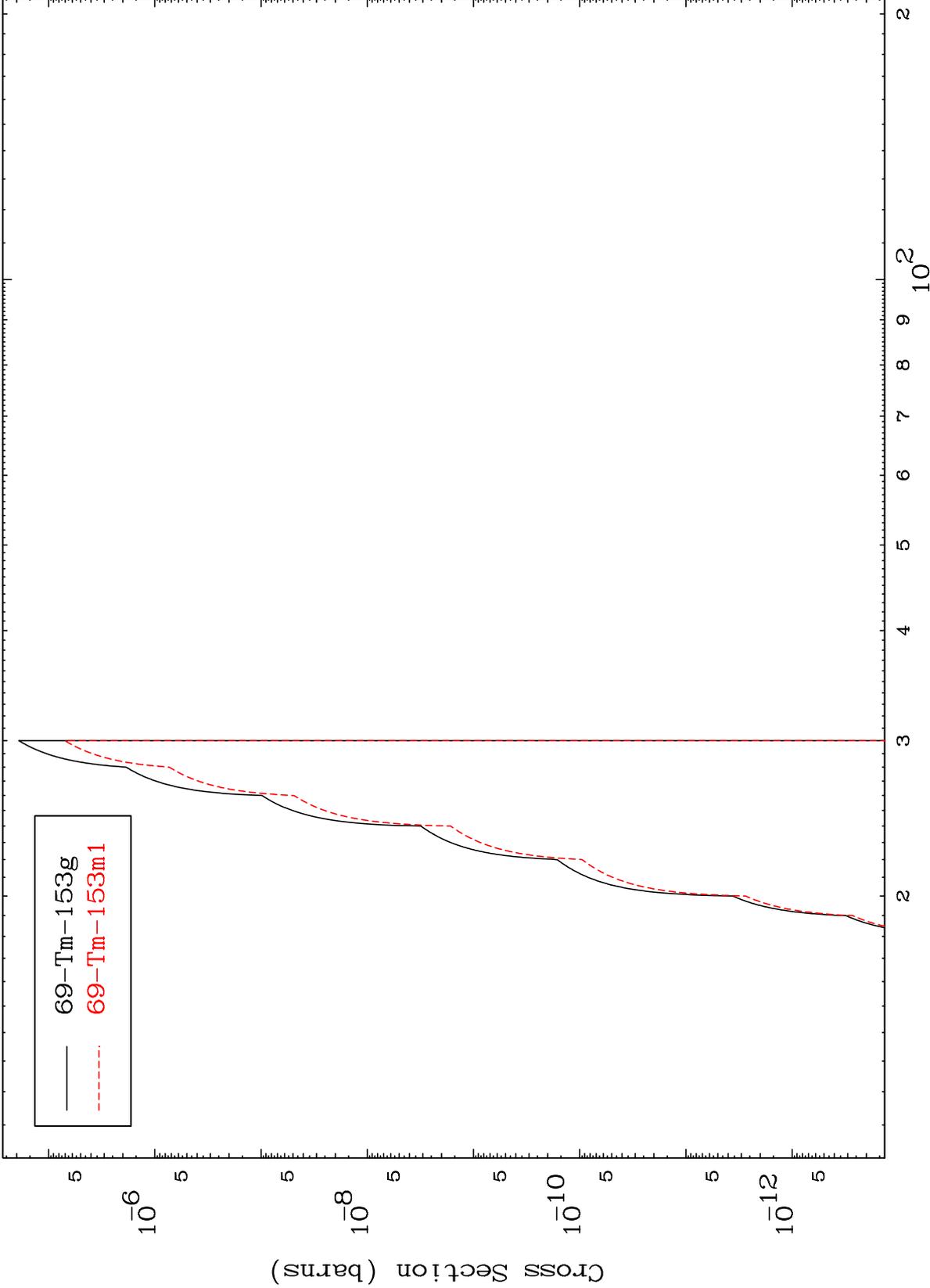
69-Tm-152

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(n,He-3)

69-Tm-152

Radionuclide Production Cross Section



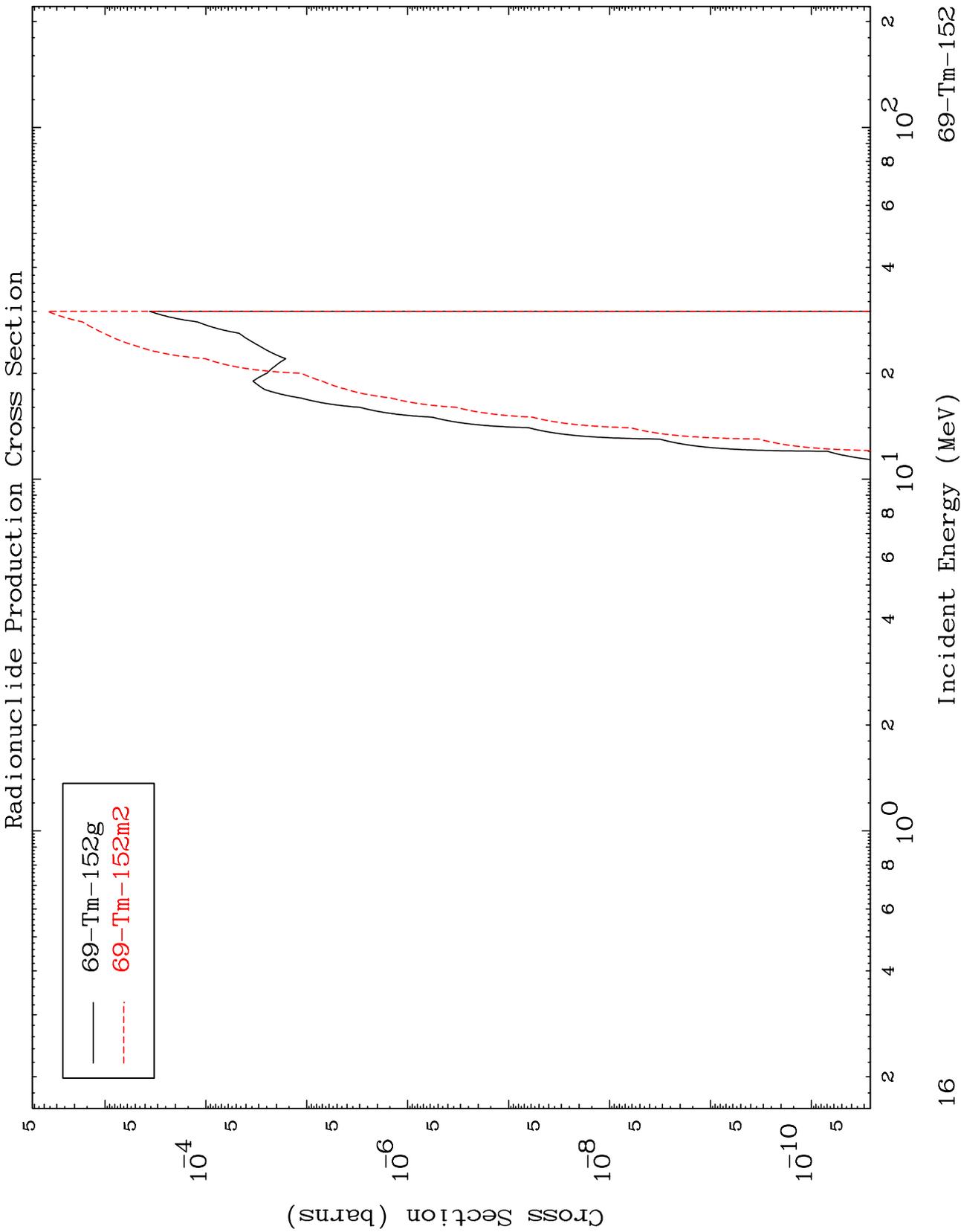
15

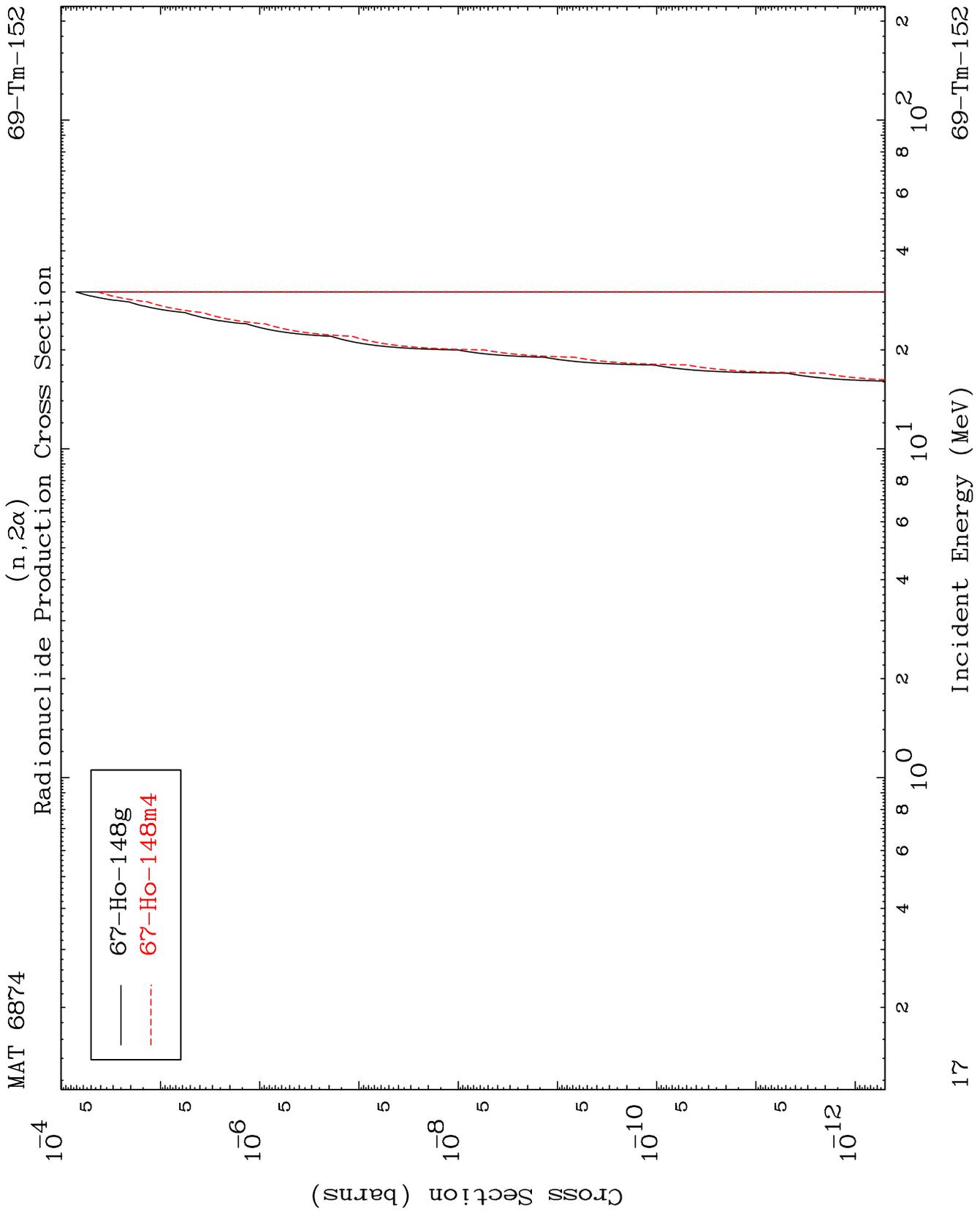
Incident Energy (MeV)

69-Tm-152

MAT 6874

69-Tm-152



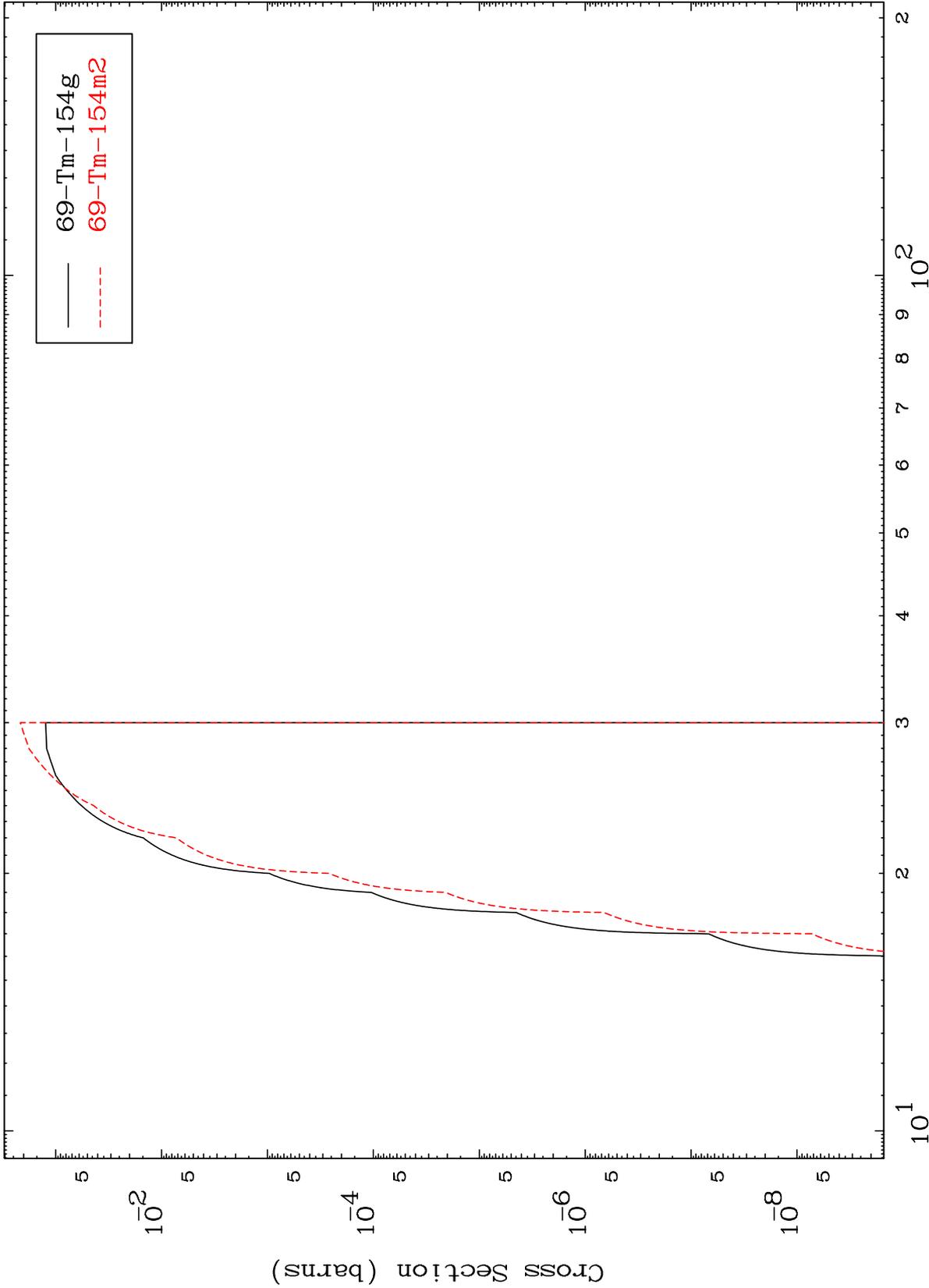


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(n,2p)

69-Tm-152

Radionuclide Production Cross Section



Incident Energy (MeV)

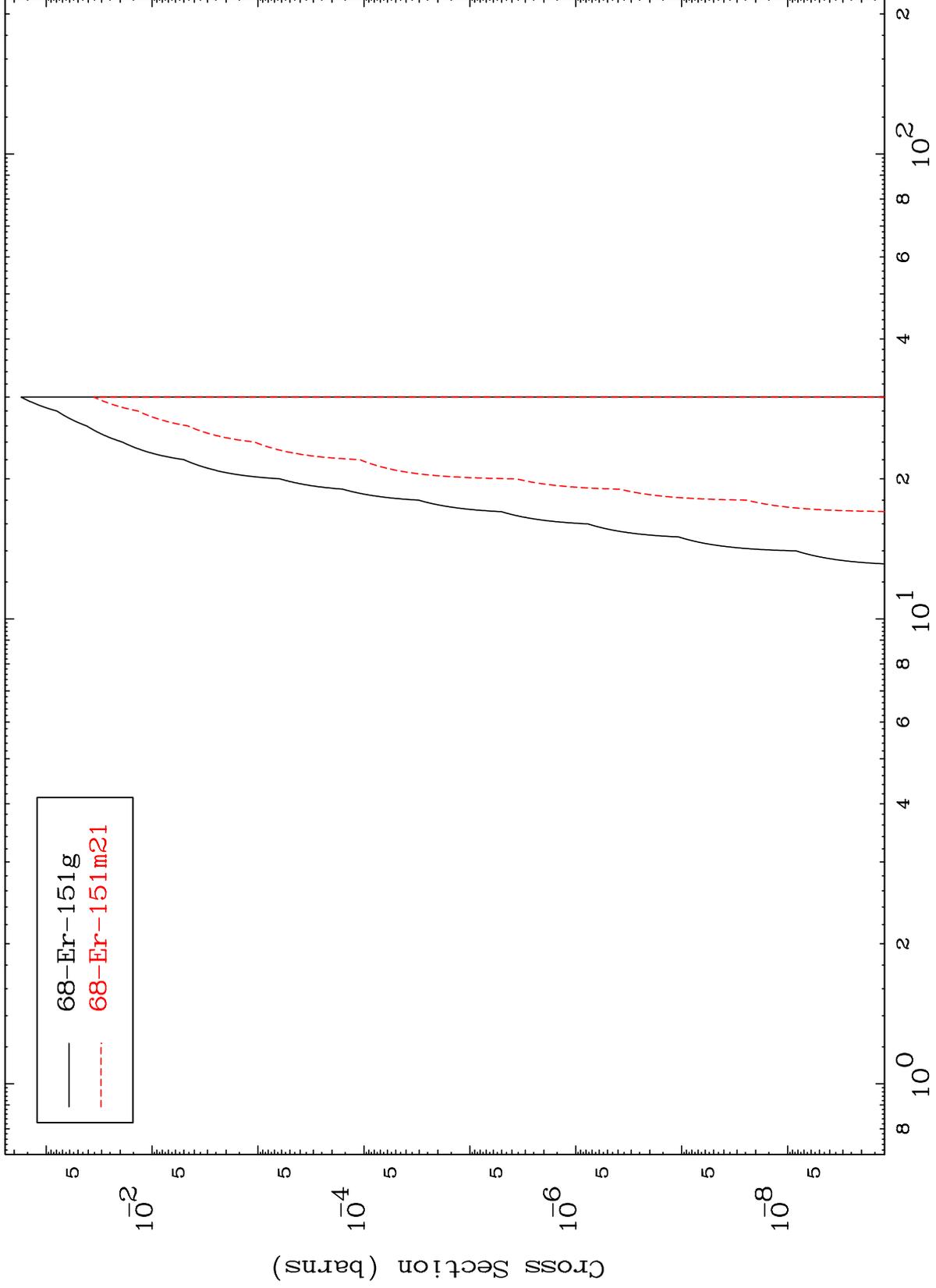
69-Tm-152

MAT 6874

(n,p) α

69-Tm-152

Radionuclide Production Cross Section



19

Incident Energy (MeV)

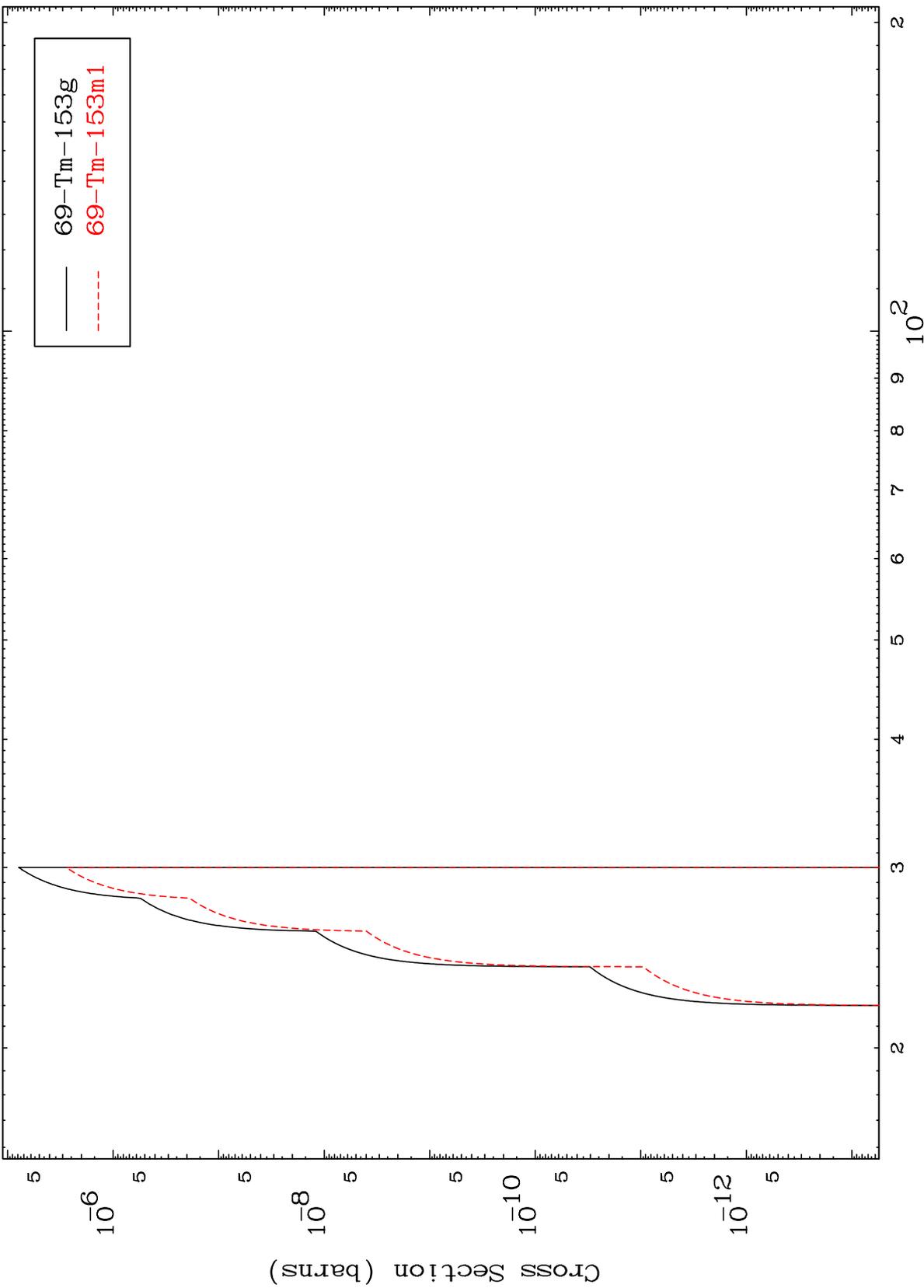
69-Tm-152

MAT 6874

(n,p) d

69-Tm-152

Radionuclide Production Cross Section



20

Incident Energy (MeV)

69-Tm-152