

Program EVALPLOT
(Version 2021-1)

by

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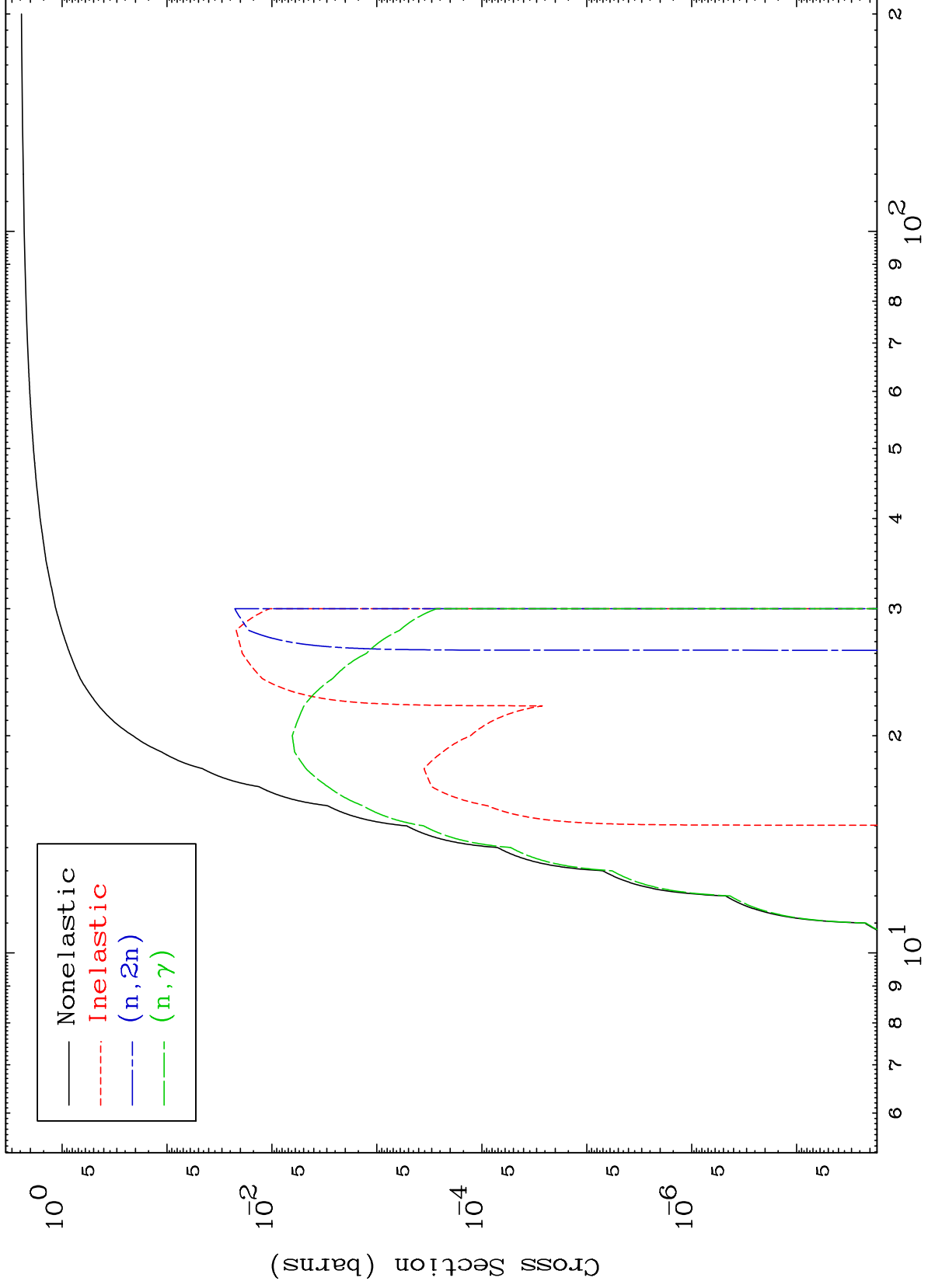
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6875

0 Kelvin
 α Major Cross Sections

69-Tm-152m

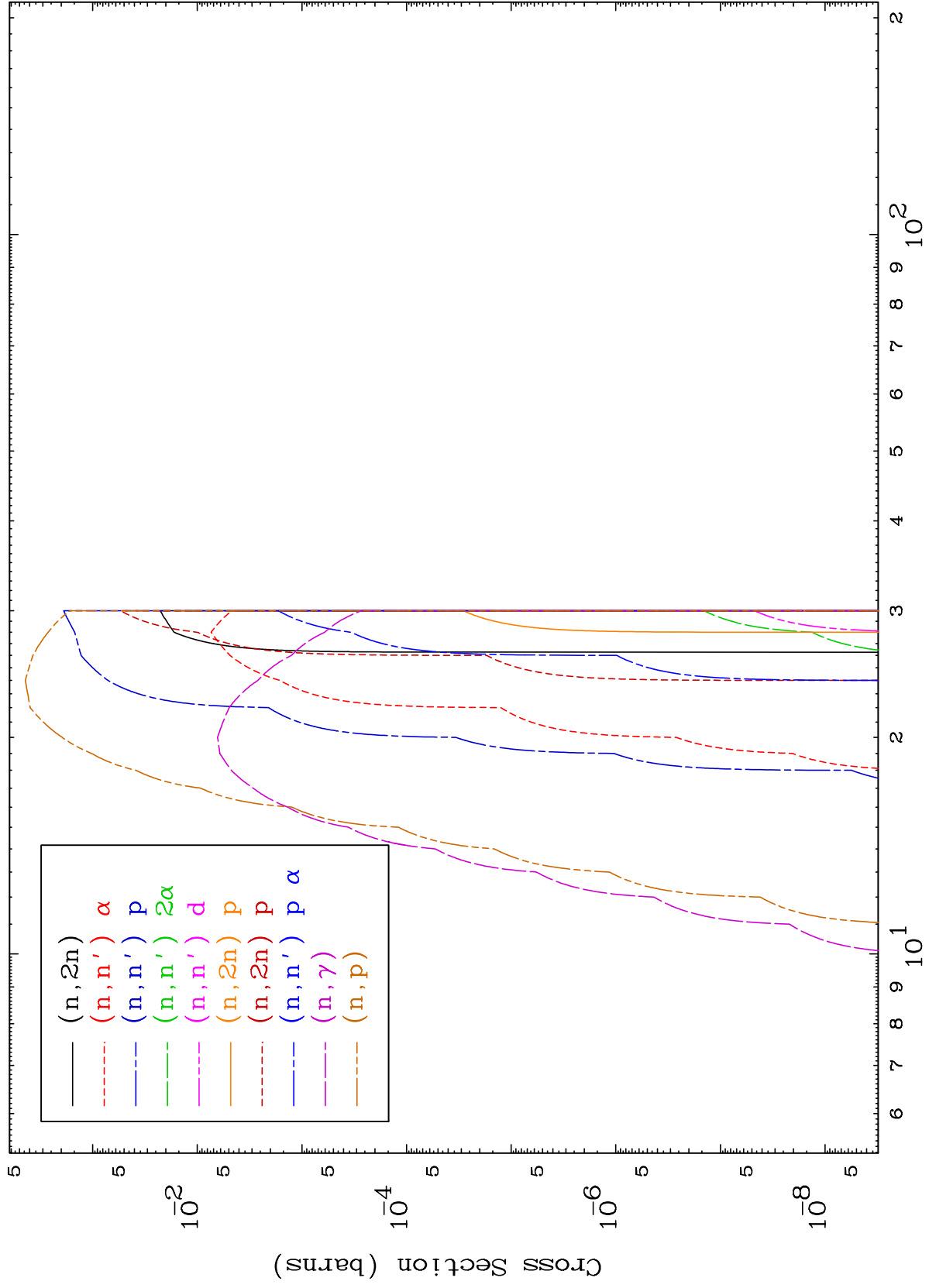


Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, gamma)

MAT 6875

α Neutron Absorption
0 Kelvin Cross Sections

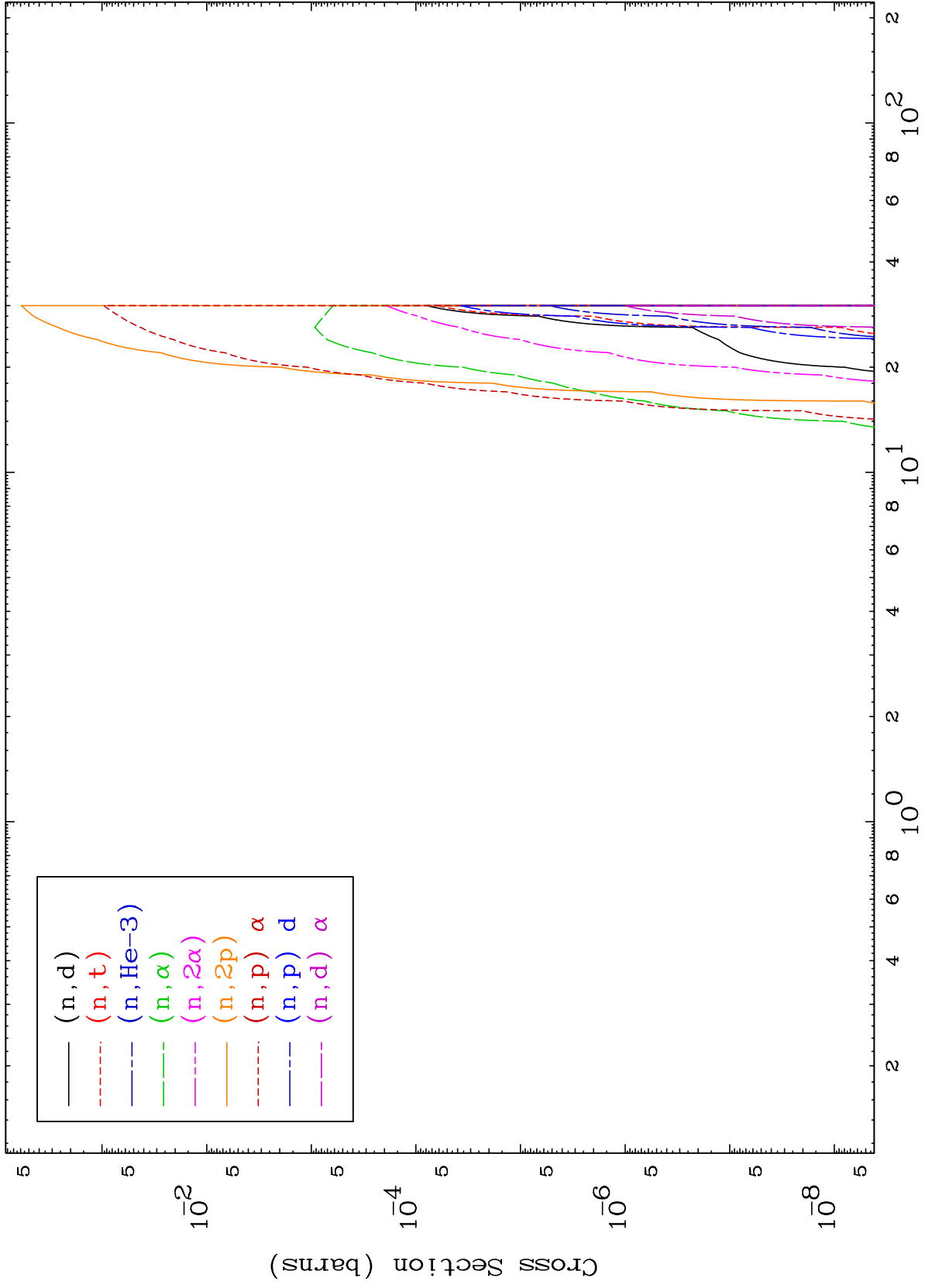
69-Tm-152m



MAT 6875

α Neutron Absorption
0 Kelvin Cross Sections

69-Tm-152m



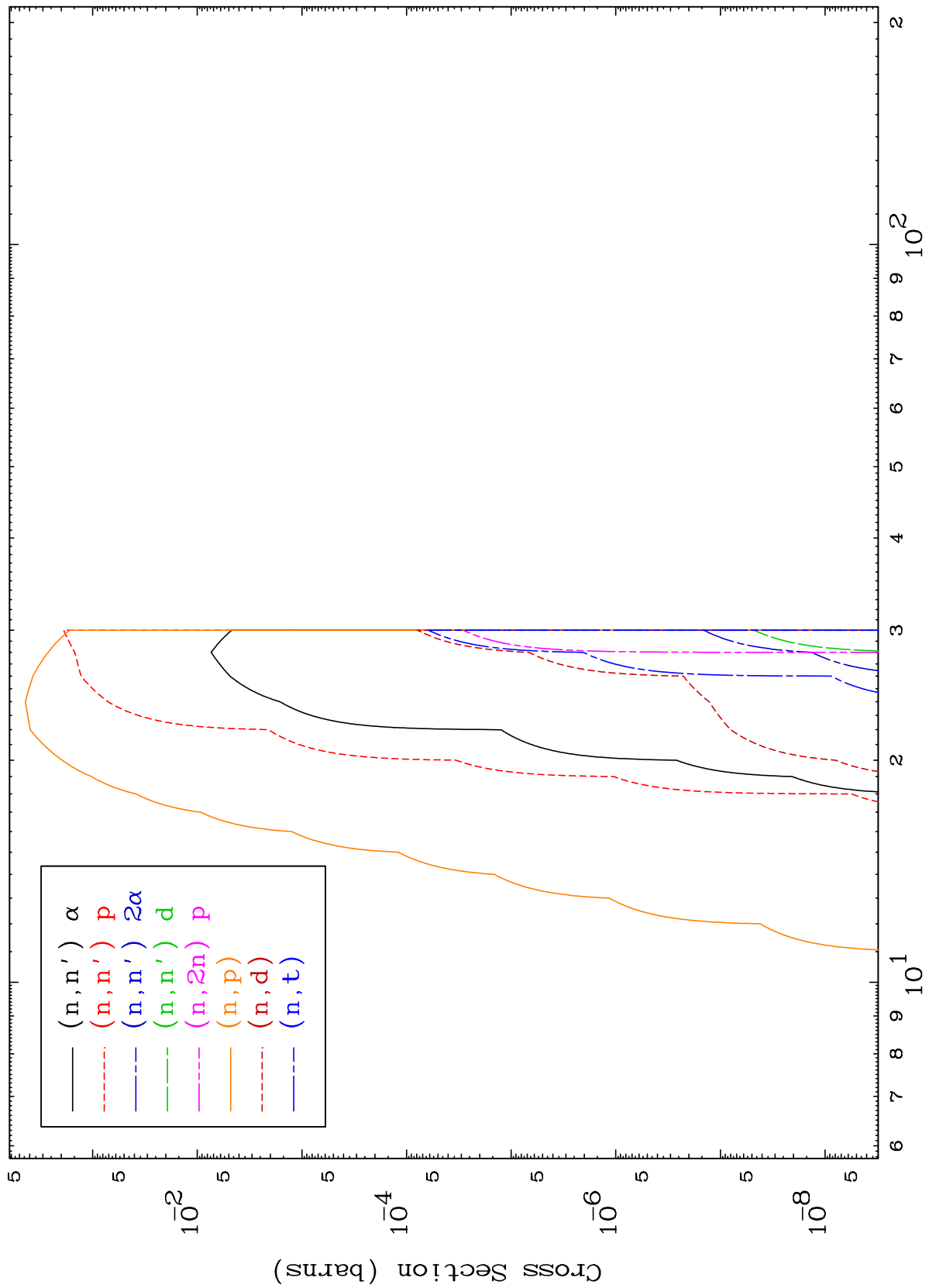
Incident Energy (MeV)

69-Tm-152m

MAT 6875

α Charged Particle
0 Kelvin Cross Sections

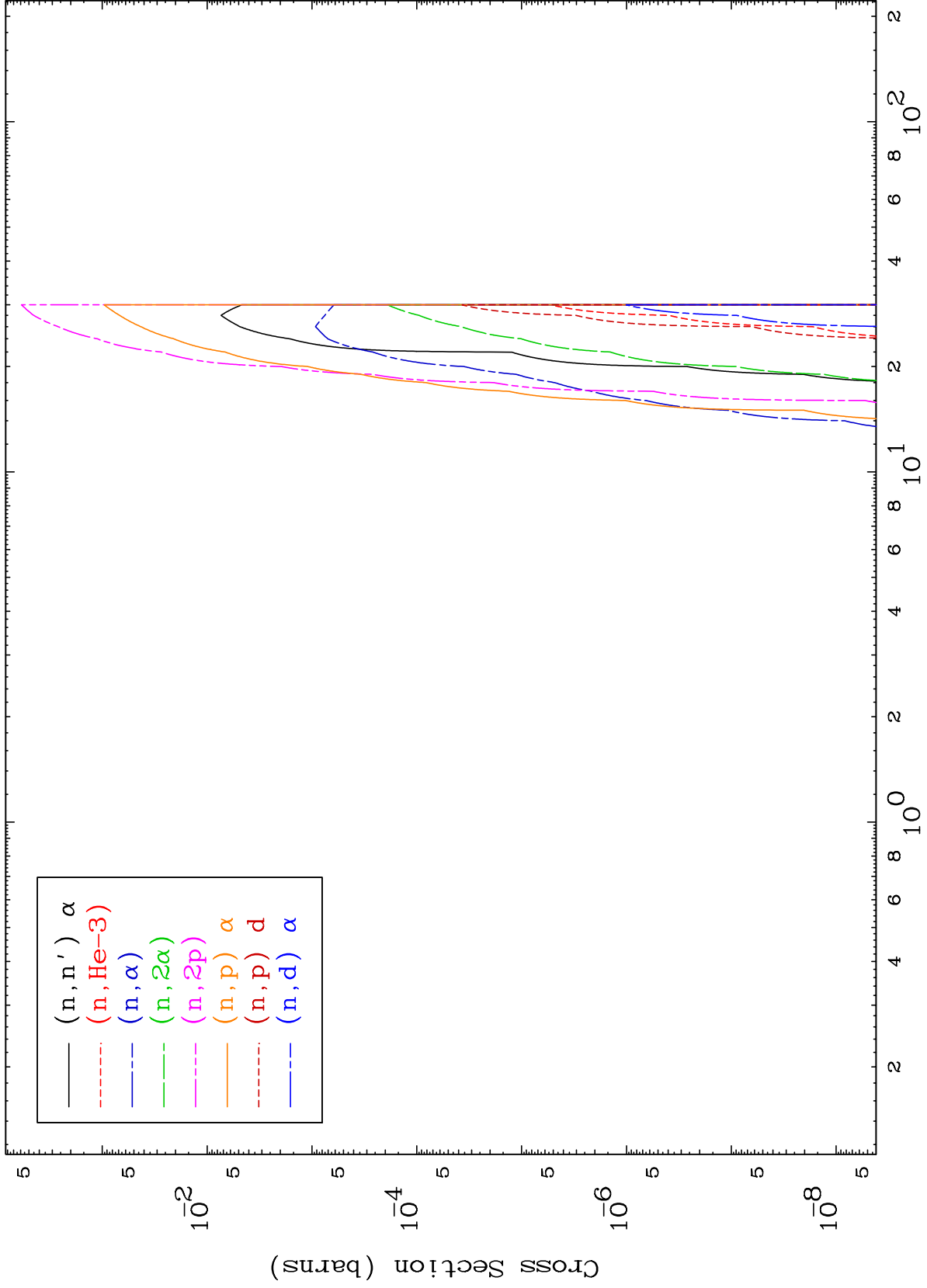
69-Tm-152m



MAT 6875

α Charged Particle
0 Kelvin Cross Sections

69-Tm-152m

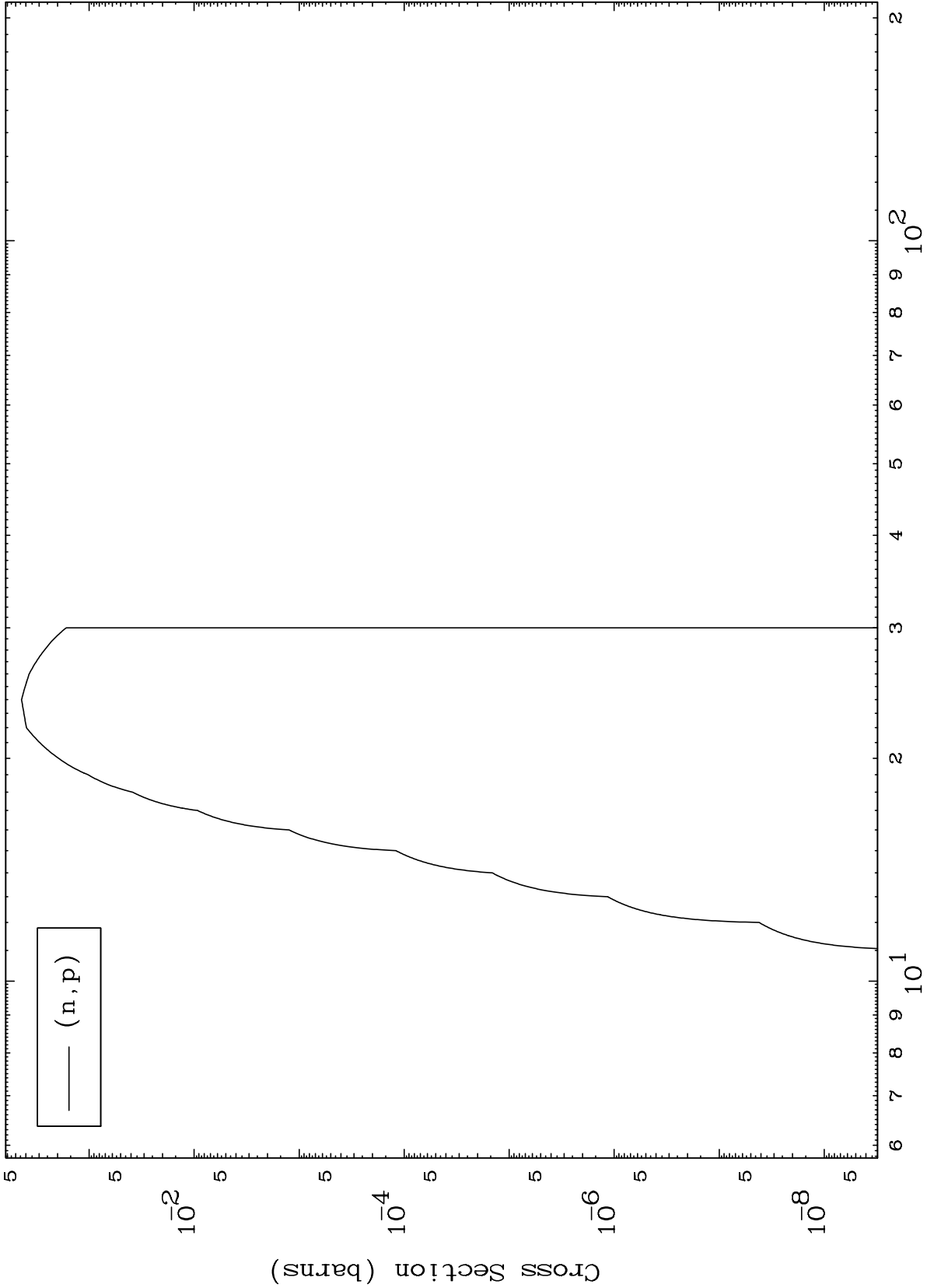


MAT 6875

(α, p) Levels

69-Tm-152m

0 Kelvin Cross Sections



6

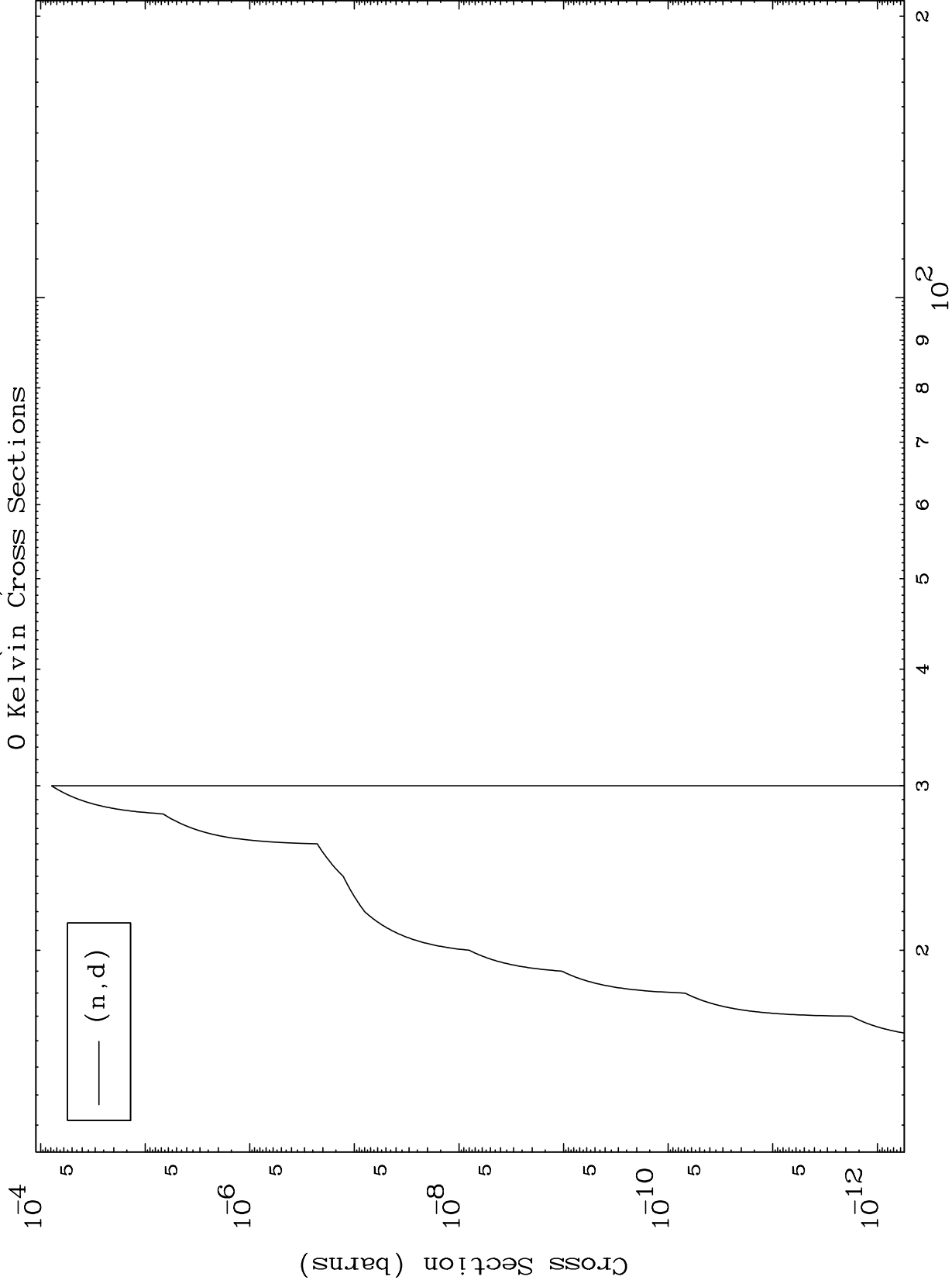
Incident Energy (MeV)

69-Tm-152m

MAT 6875

(α, d) Levels
0 Kelvin Cross Sections

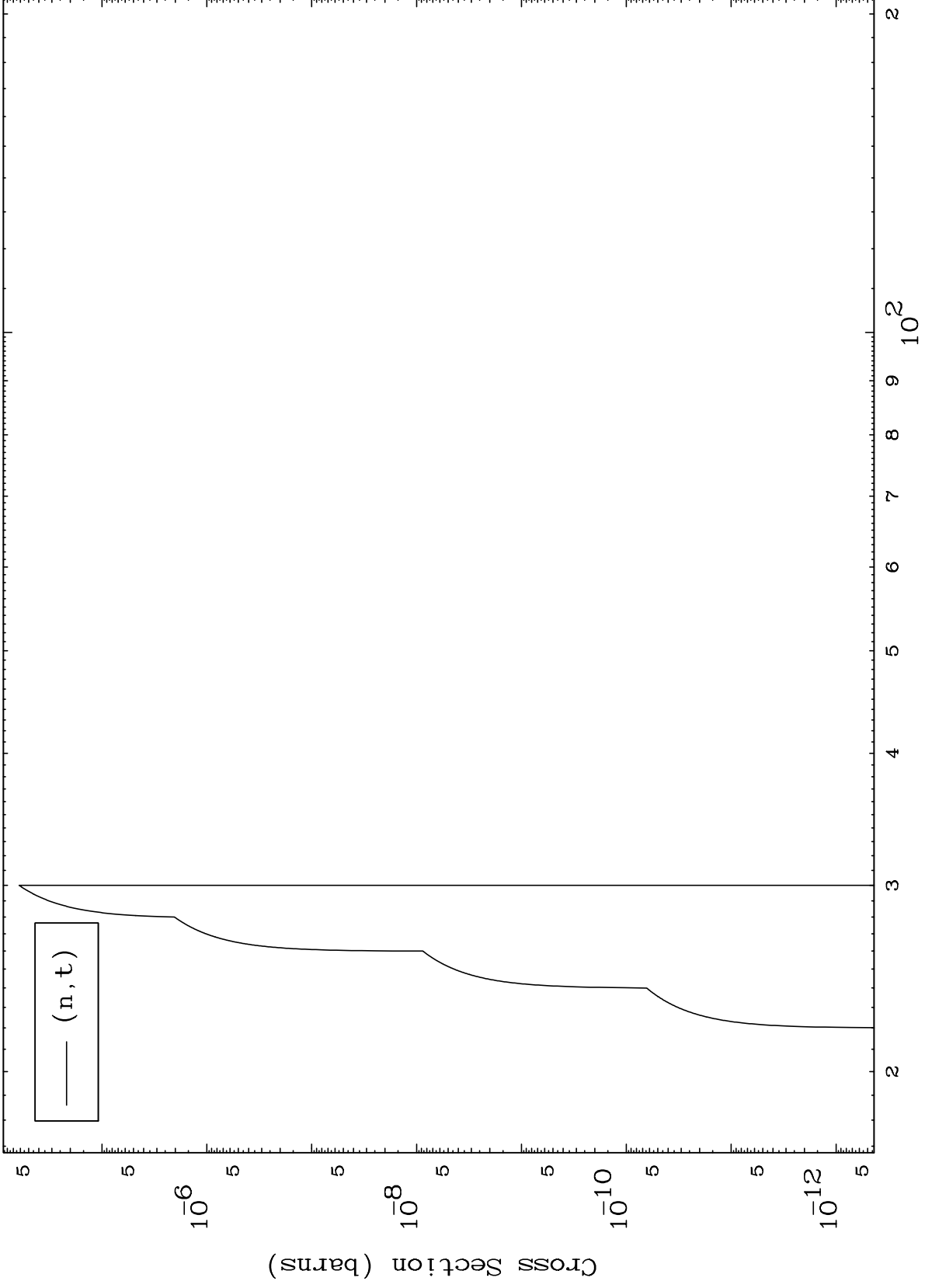
69-Tm-152m



MAT 6875

(α, t) Levels
0 Kelvin Cross Sections

69-Tm-152m



8

Incident Energy (MeV)

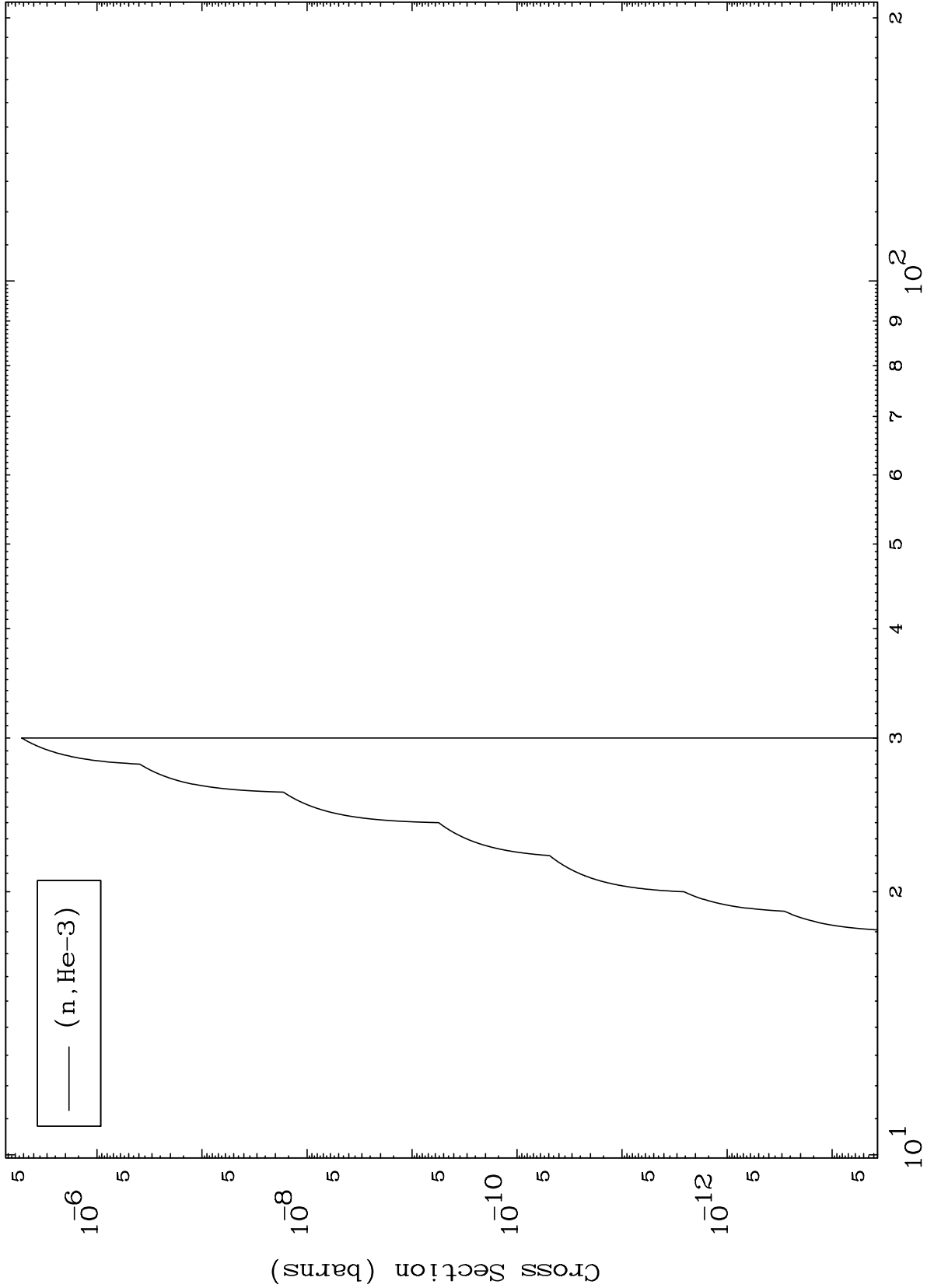
69-Tm-152m

MAT 6875

($\alpha, \text{He3}$) Levels

69-Tm-152m

0 Kelvin Cross Sections



Incident Energy (MeV)

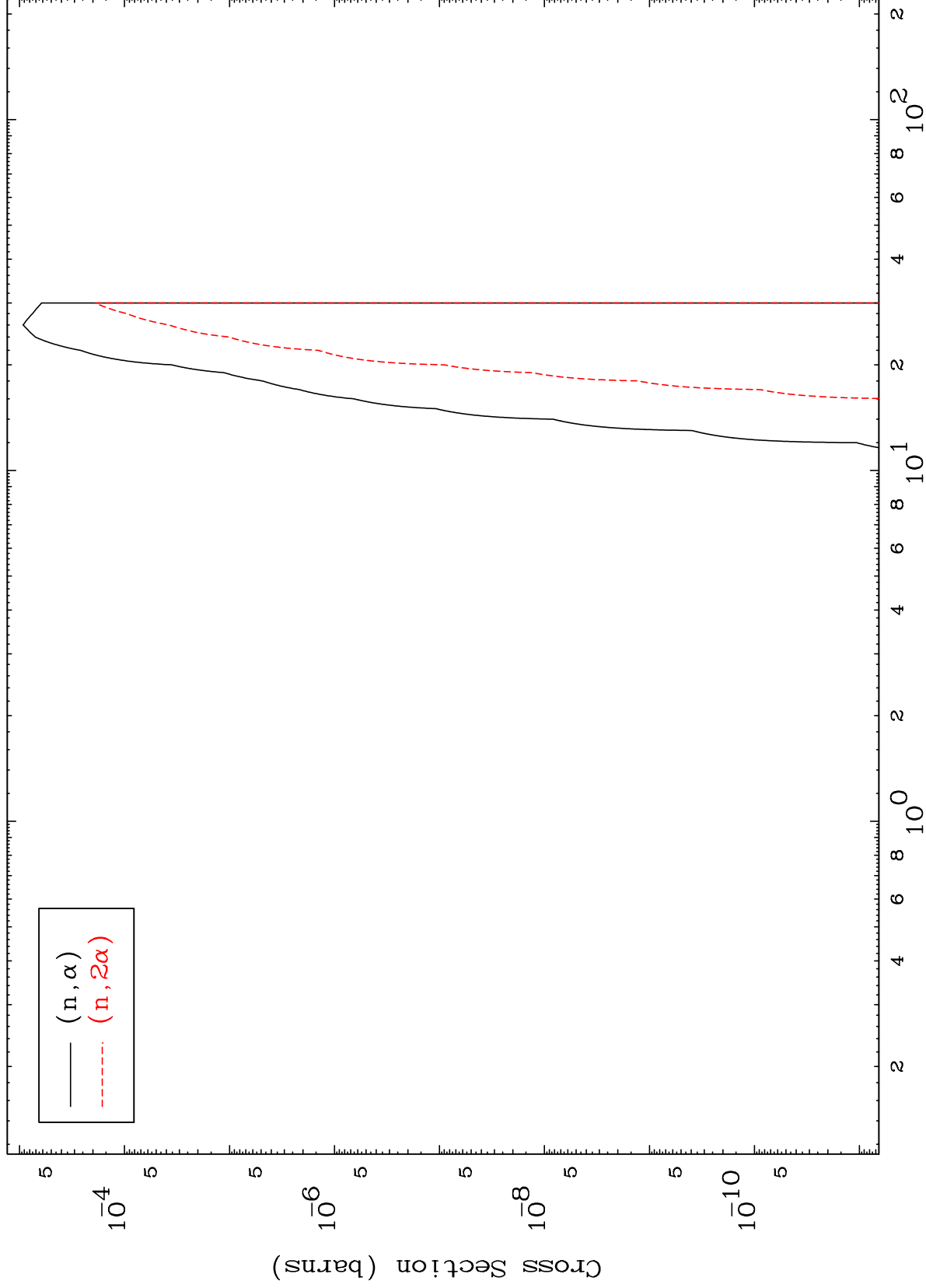
69-Tm-152m

MAT 6875

(α, α) Levels

69-Tm-152m

0 Kelvin Cross Sections



10

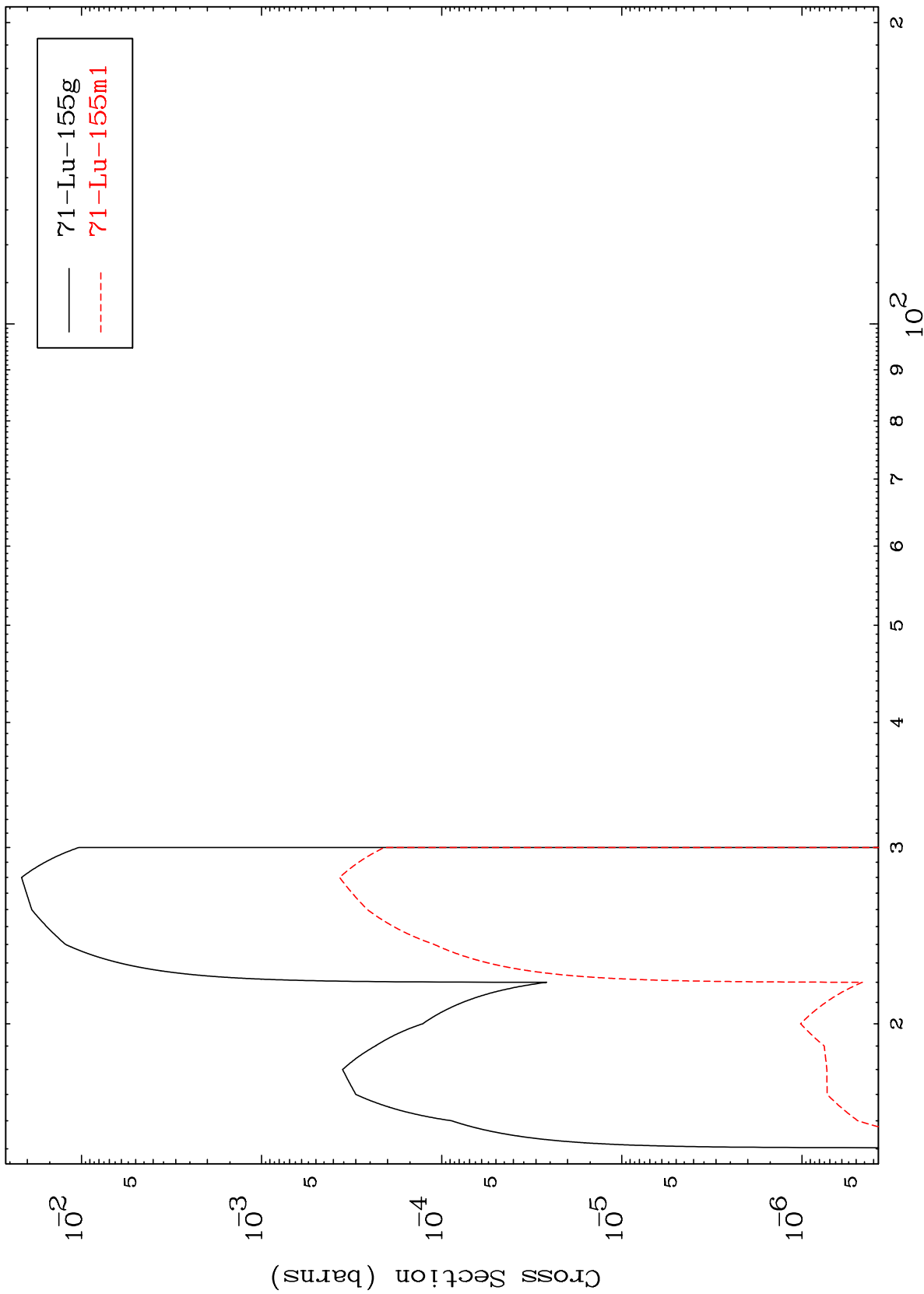
Incident Energy (MeV)

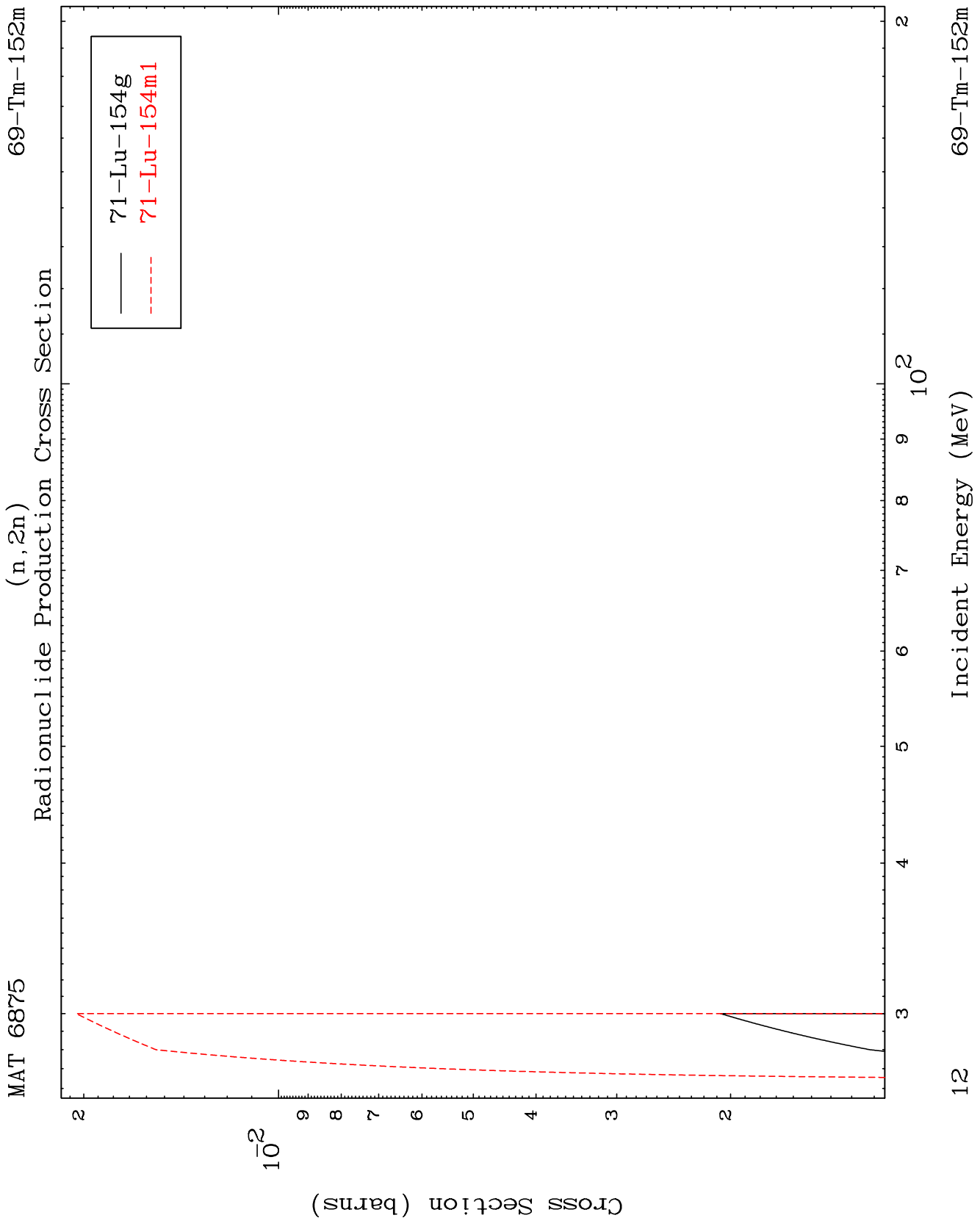
69-Tm-152m

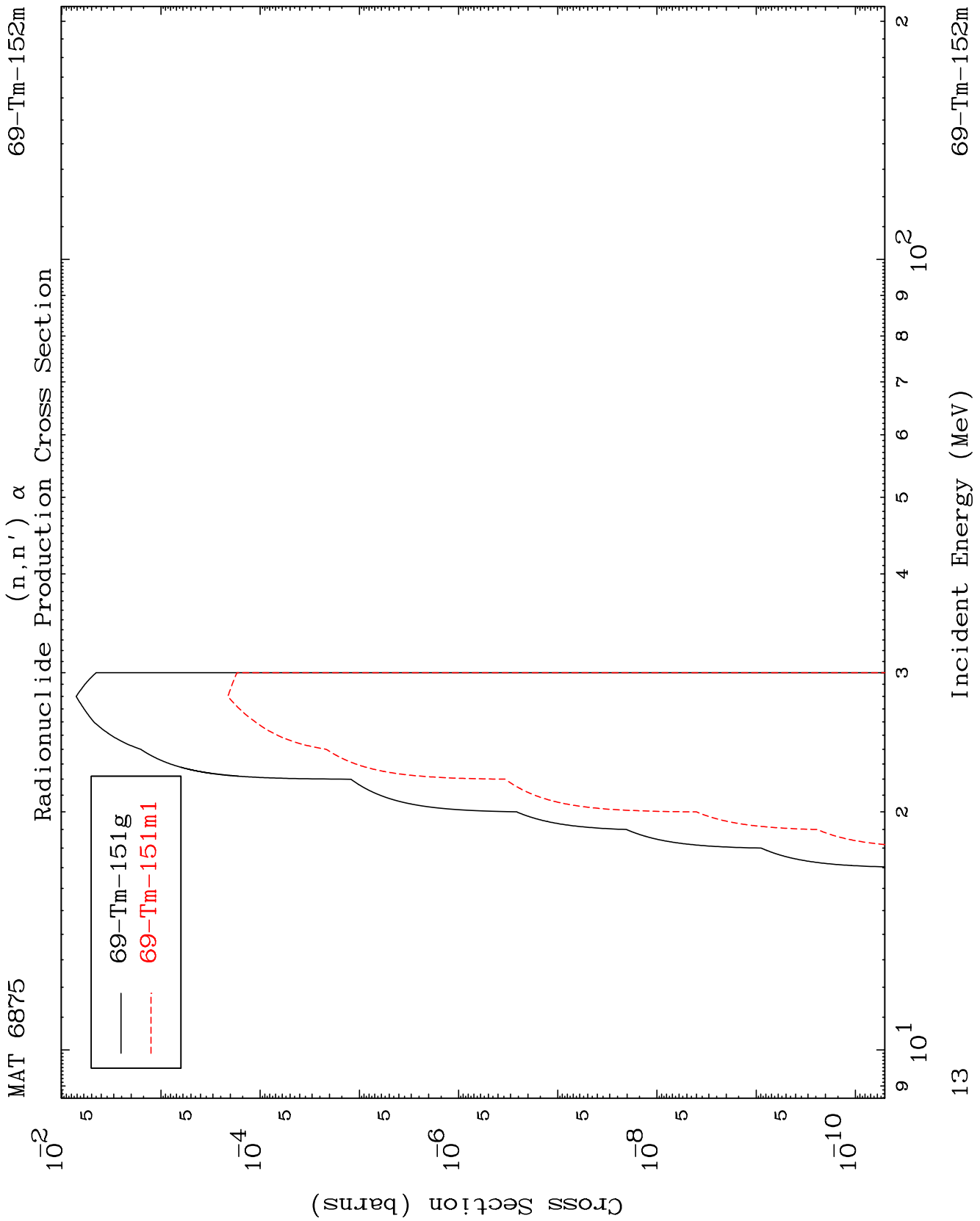
MAT 6875

Inelastic
Radionuclide Production Cross Section

69-Tm-152m





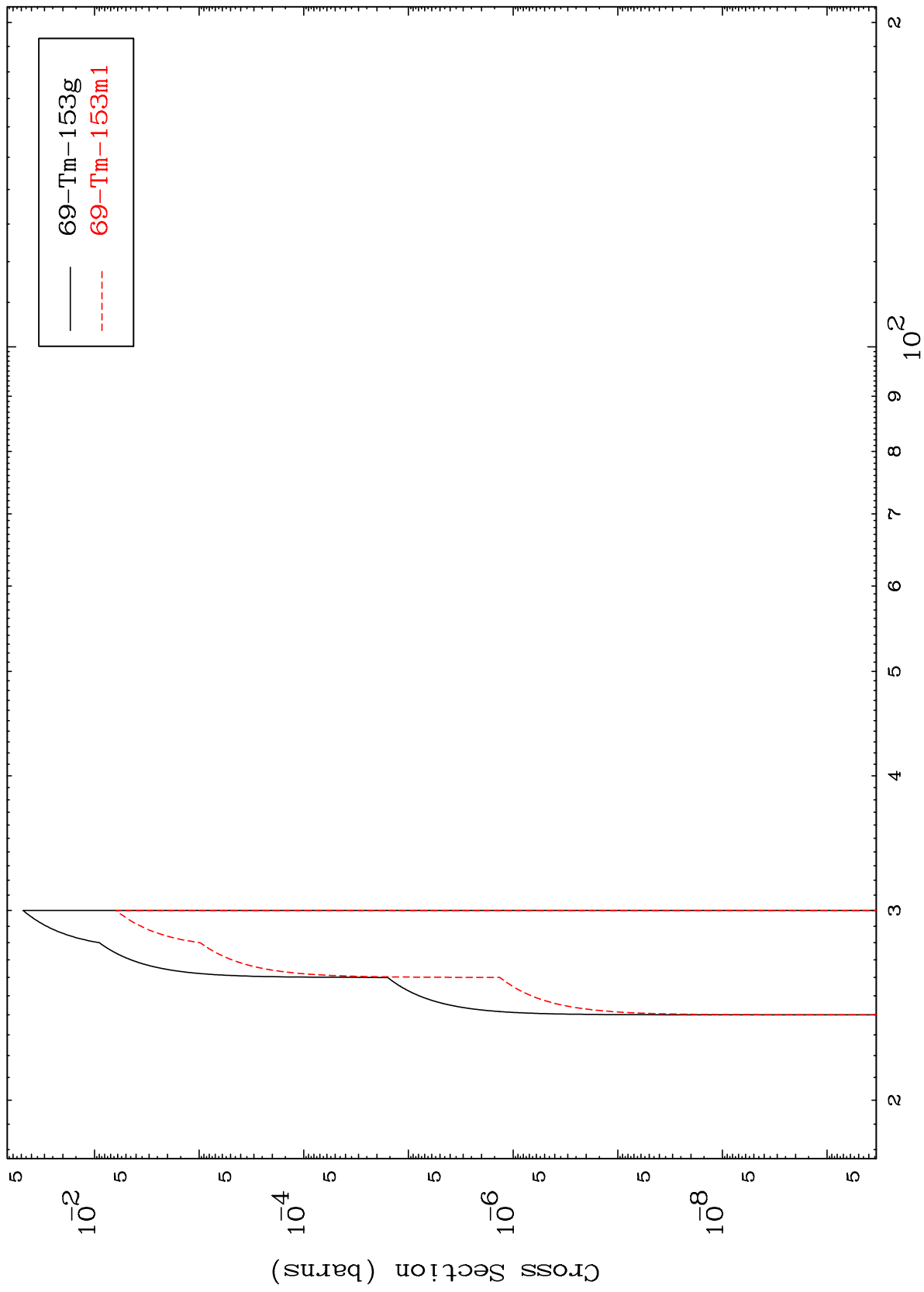


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(n,2n) p

69-Tm-152m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

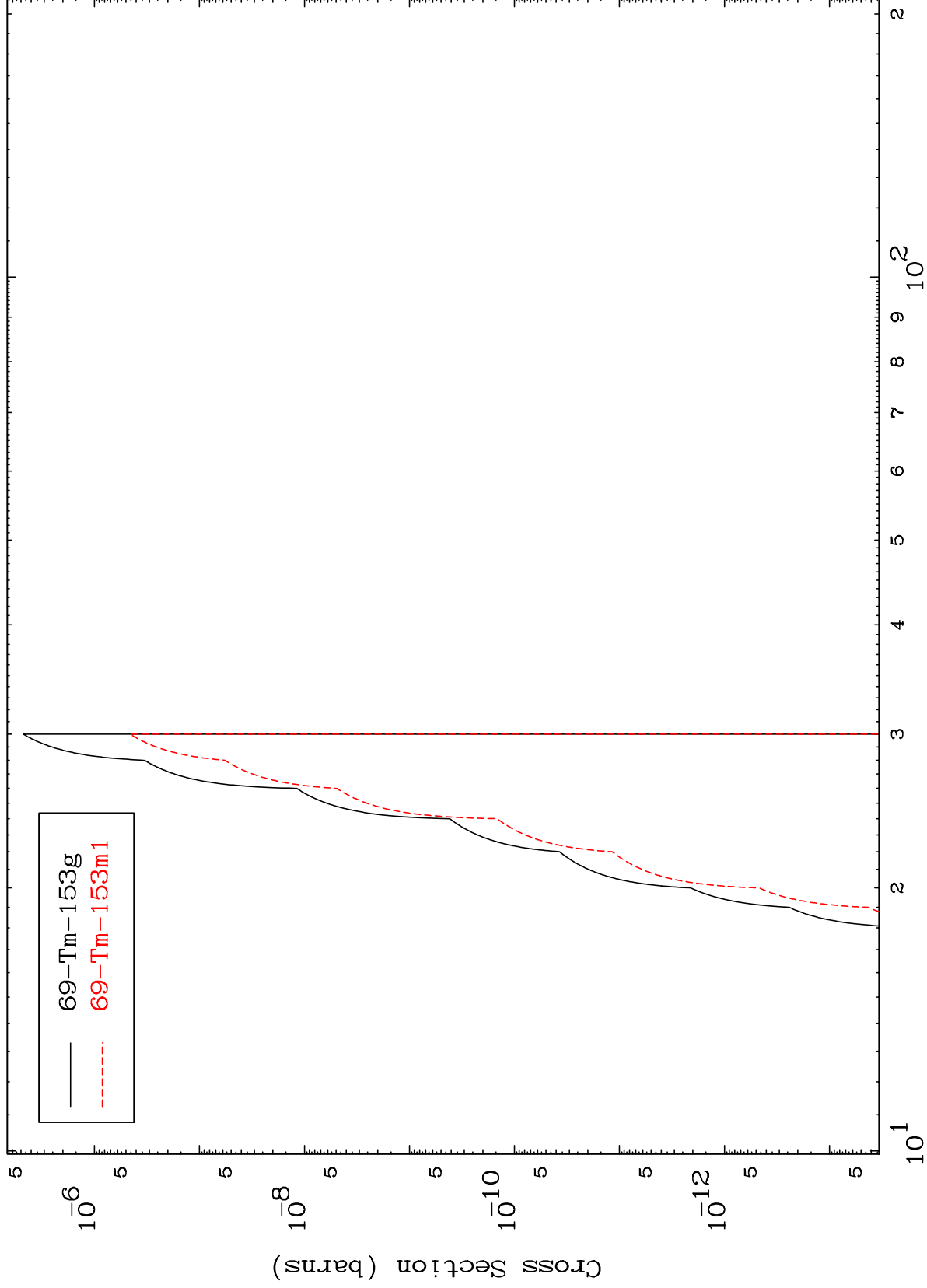
69-Tm-152m

MAT 6875

(n,He-3)

69-Tm-152m

Radionuclide Production Cross Section



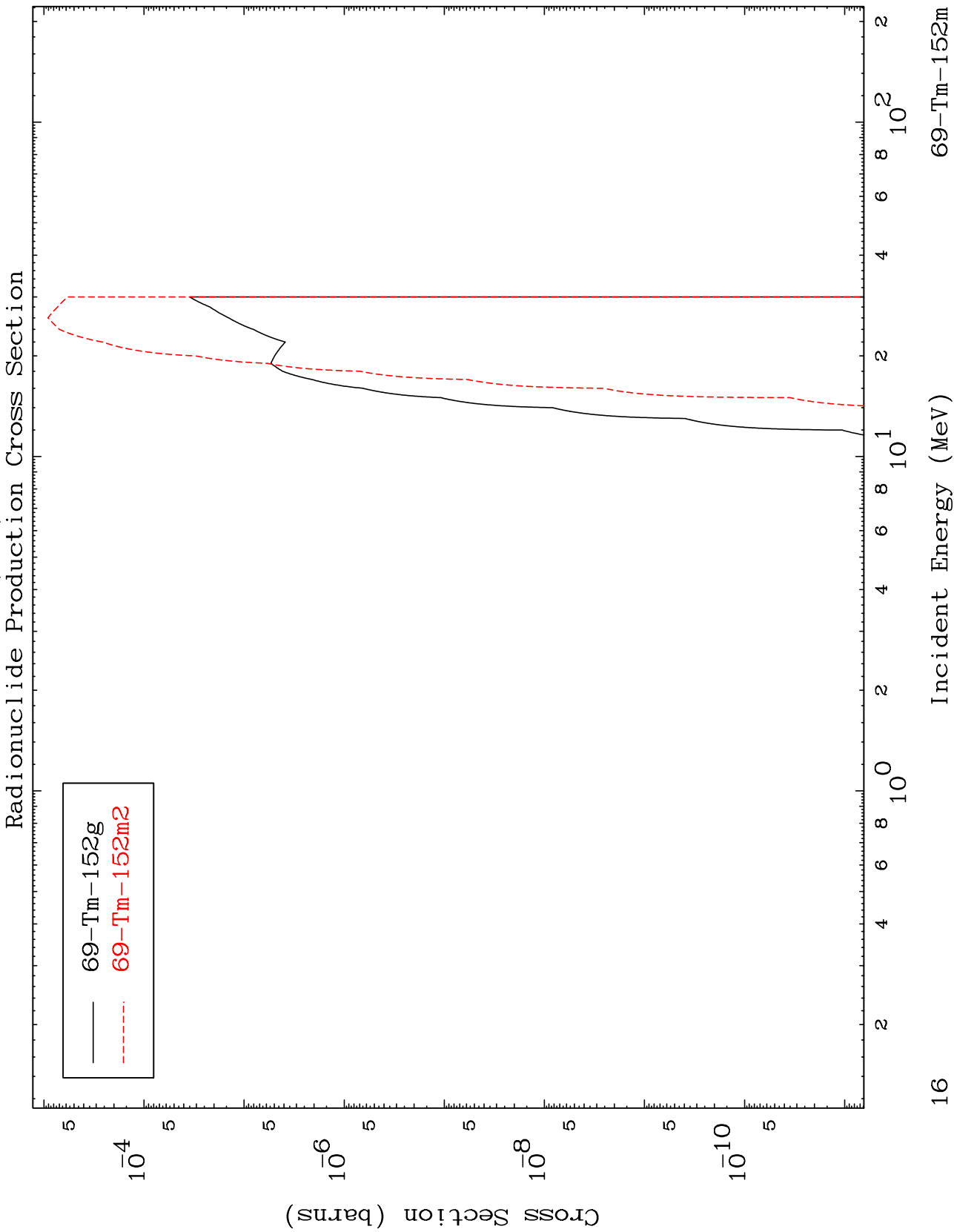
Incident Energy (MeV)

69-Tm-152m

15

MAT 6875

69-Tm-152m

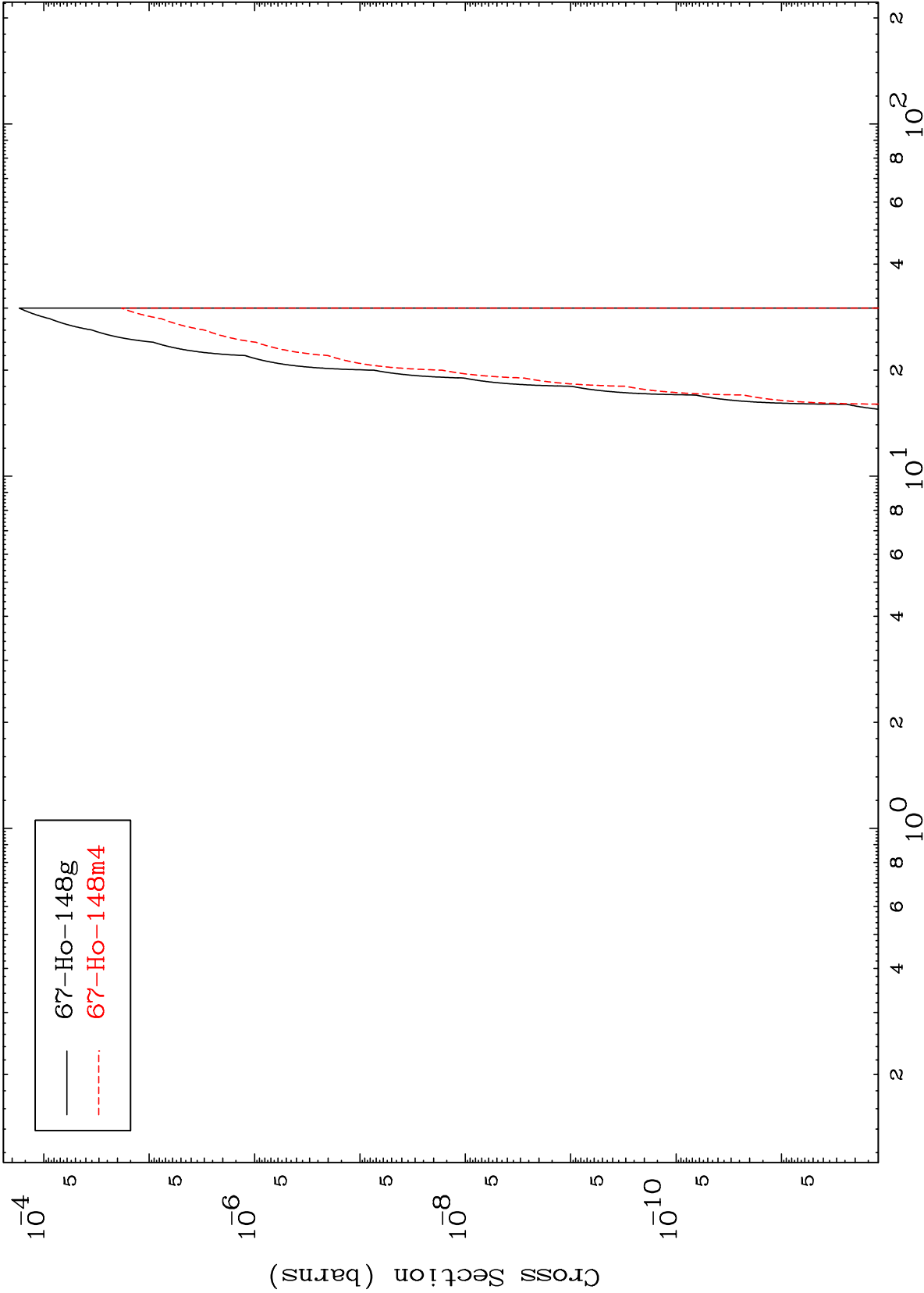


MAT 6875

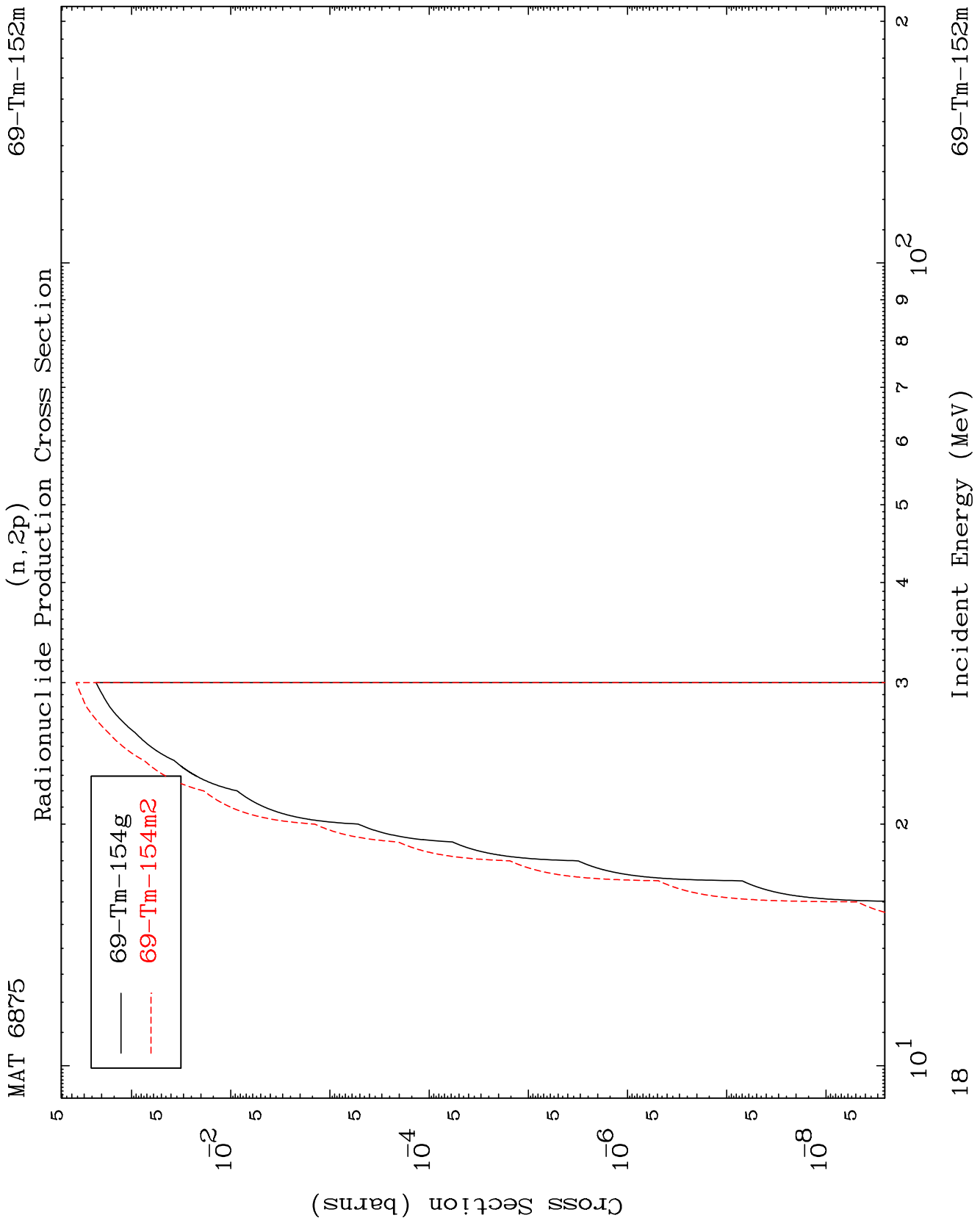
(n,2α)

69-Tm-152m

Radionuclide Production Cross Section



— 67-Ho-148g
- - - 67-Ho-148m4

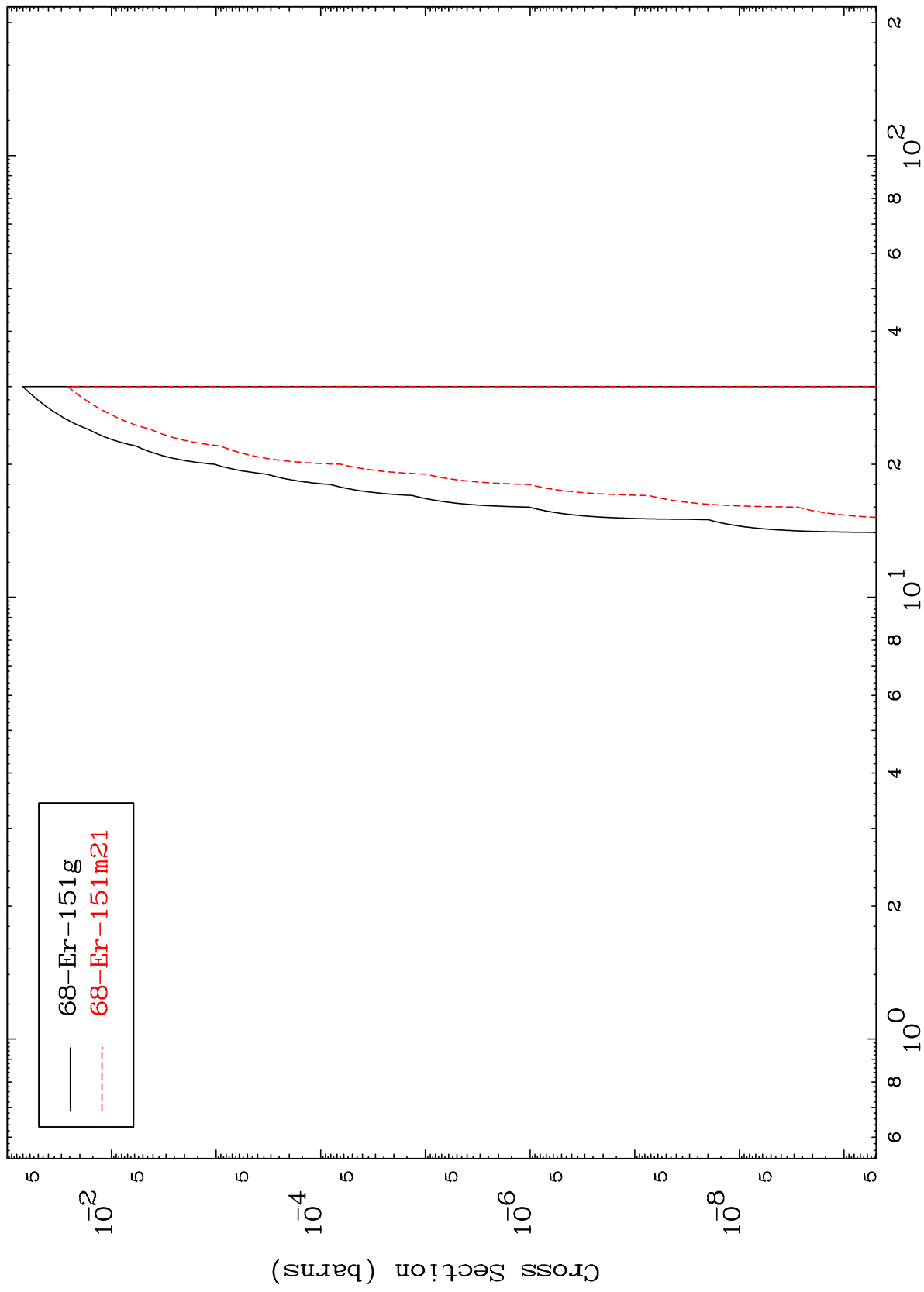


MAT 6875

(n,p) α

69-Tm-152m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

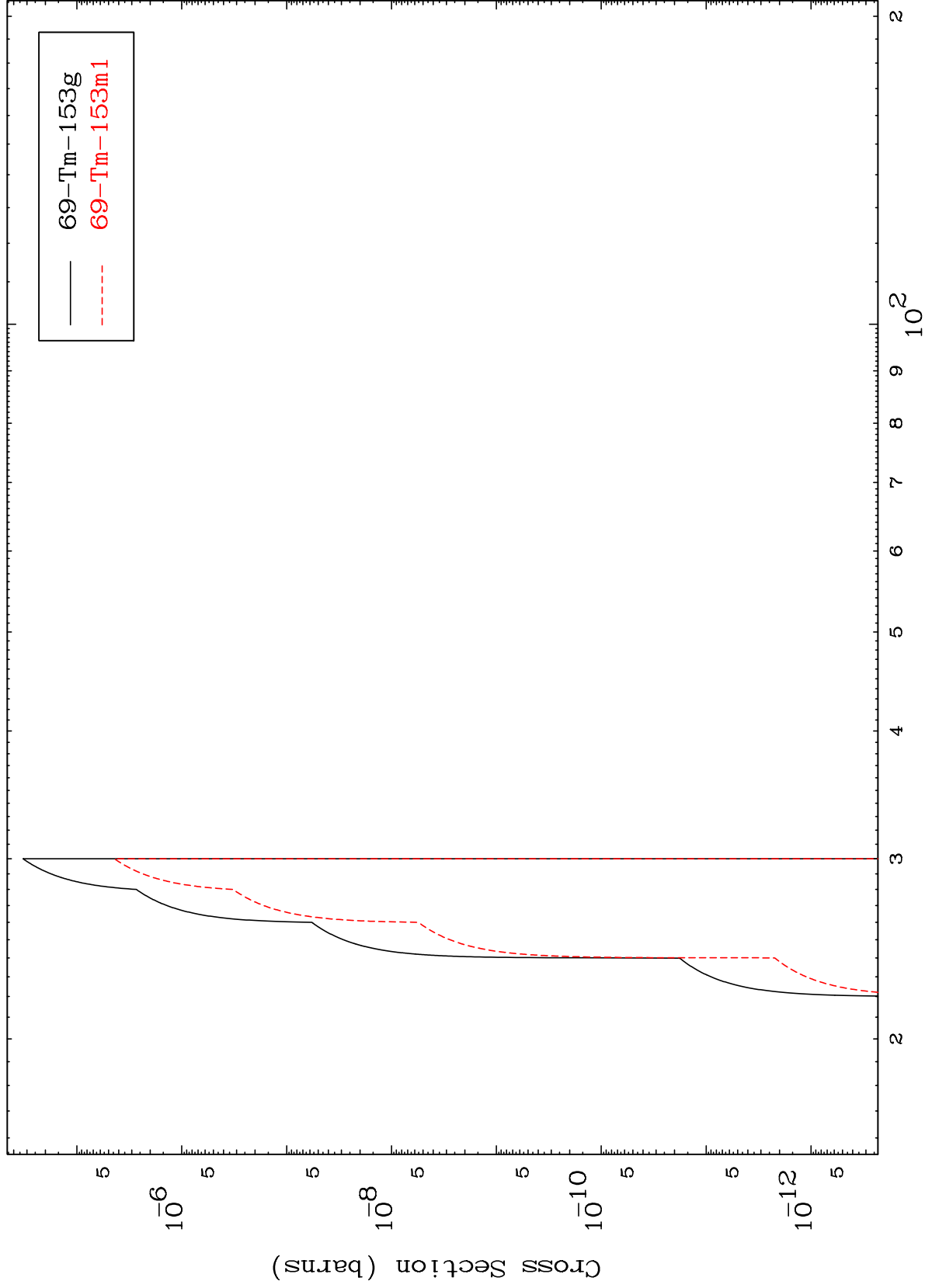
69-Tm-152m

MAT 6875

(n,p) d

69-Tm-152m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

69-Tm-152m