

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

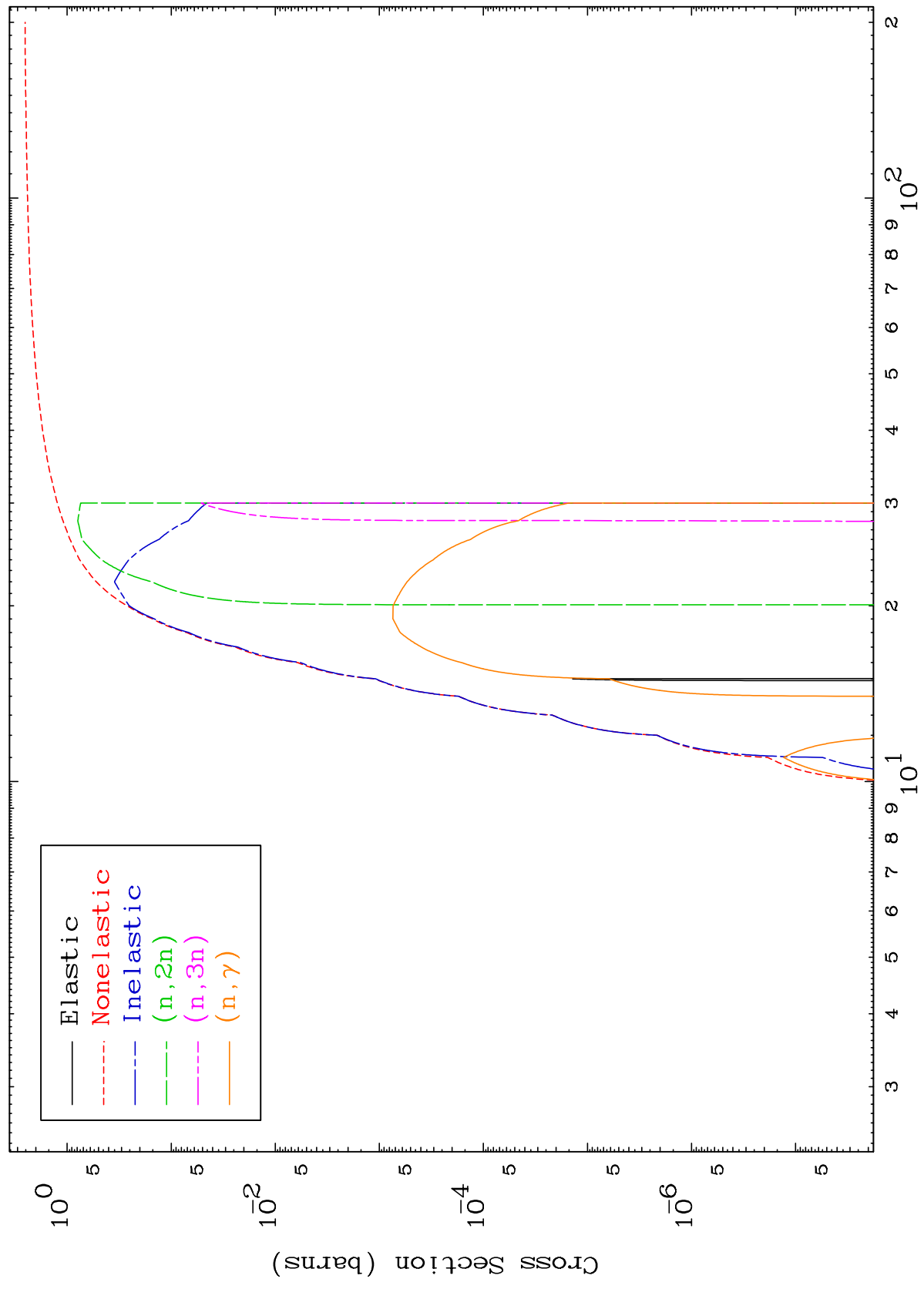
Press Mouse Button to Start

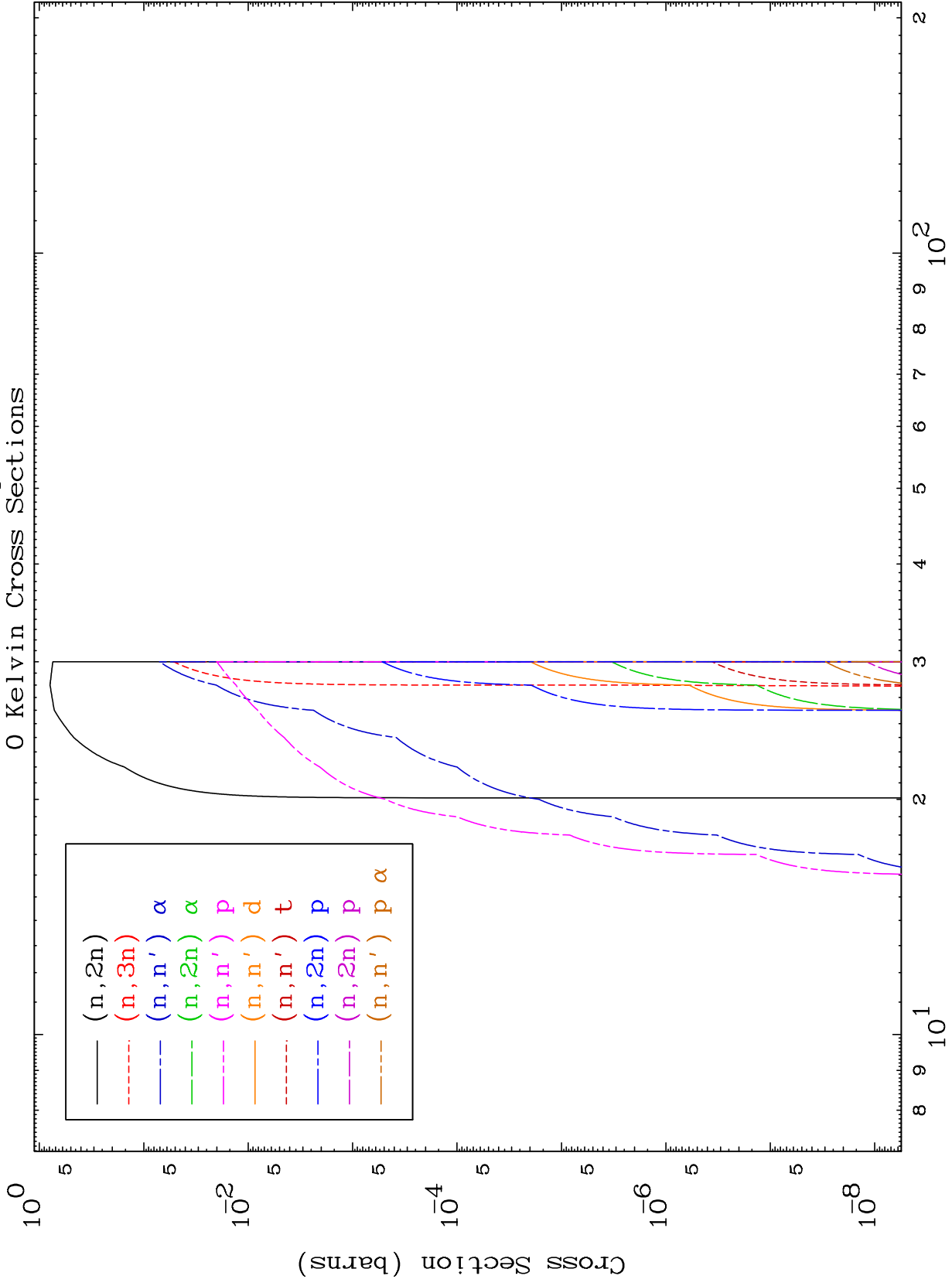
MAT 6910

0 Kelvin

α Major Cross Sections

69-Tm-164



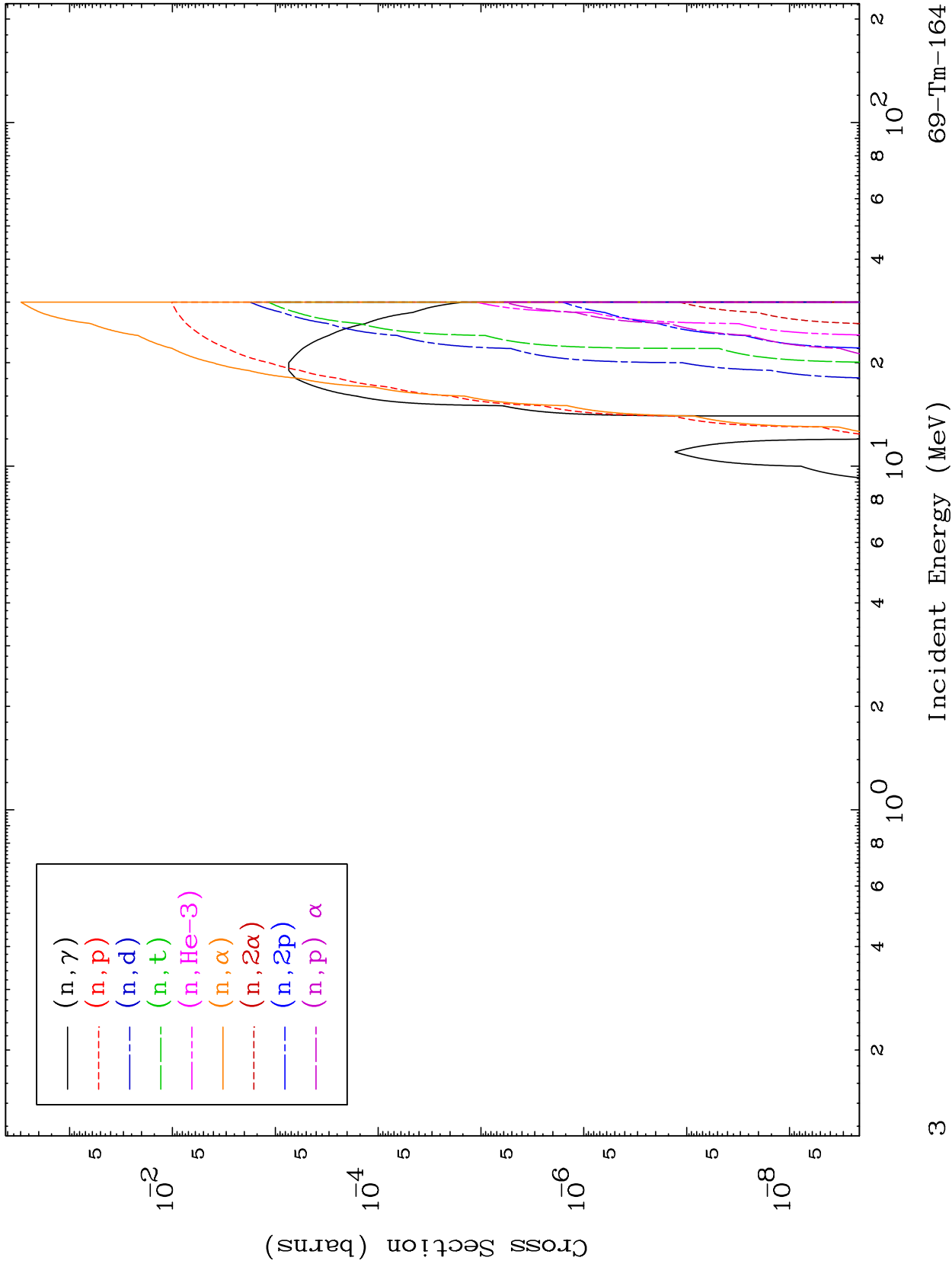


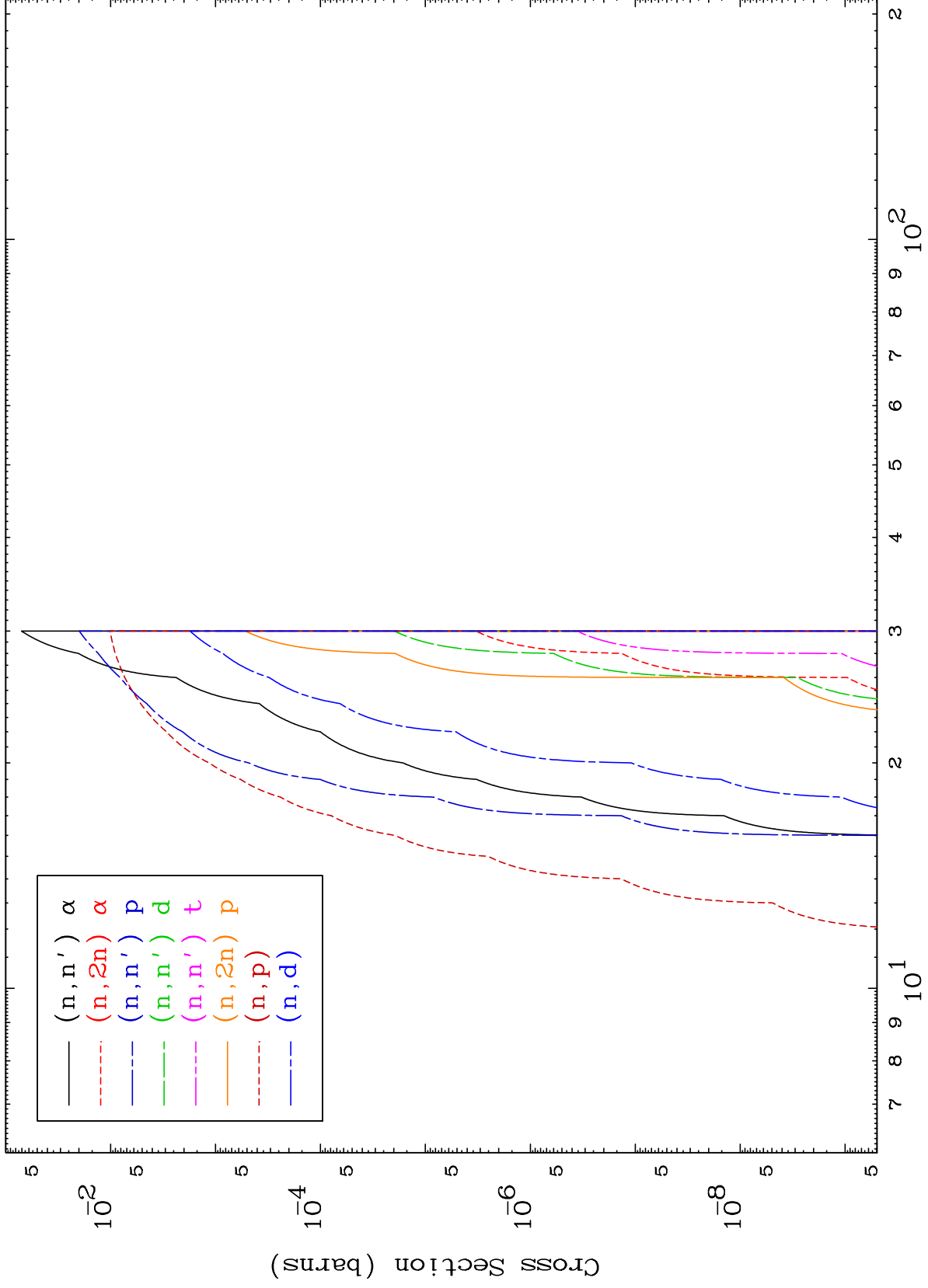
—	(n, 2n)
- - -	(n, 3n)
- · - ·	(n, n') α
- - -	(n, 2n) α
- - -	(n, n') p
—	(n, n') d
- - -	(n, n') t
- · - ·	(n, 2n) p
- - -	(n, 2n) p
- - -	(n, n') p α

MAT 6910

α Neutron Absorption
0 Kelvin Cross Sections

69-Tm-164

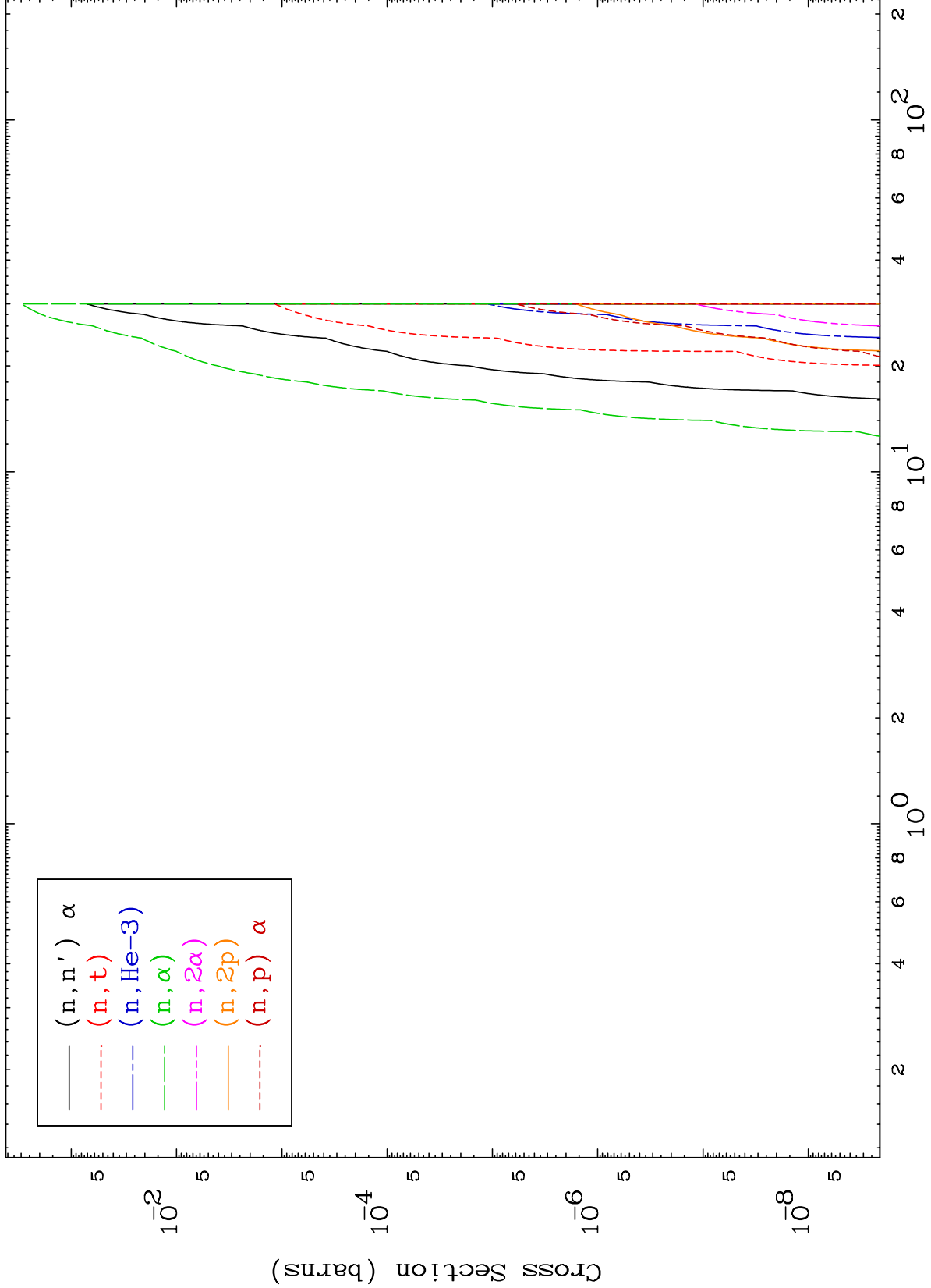




MAT 6910

α Charged Particle
0 Kelvin Cross Sections

69-Tm-164

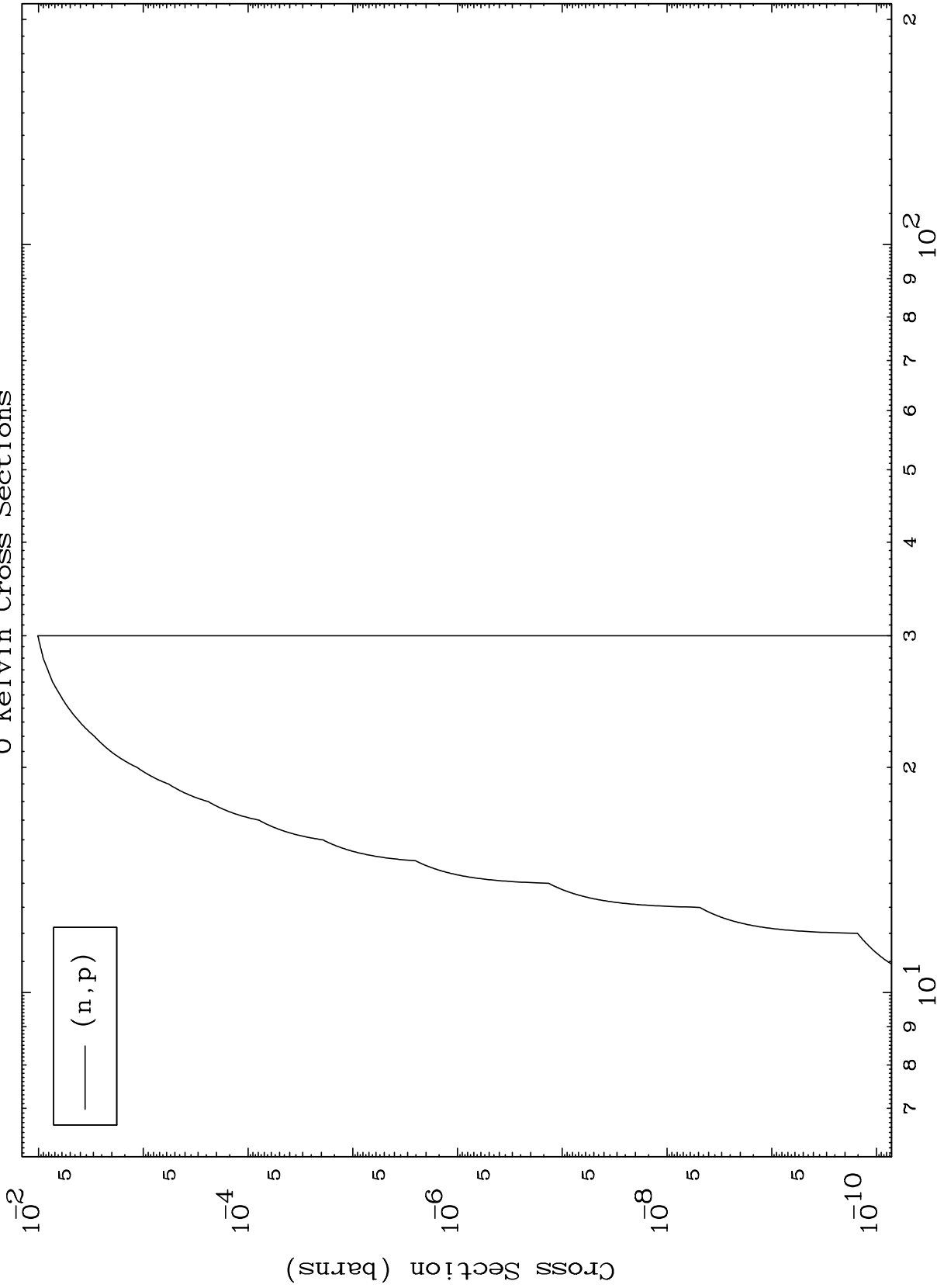


MAT 6910

(α, p) Levels

69-Tm-164

0 Kelvin Cross Sections



6

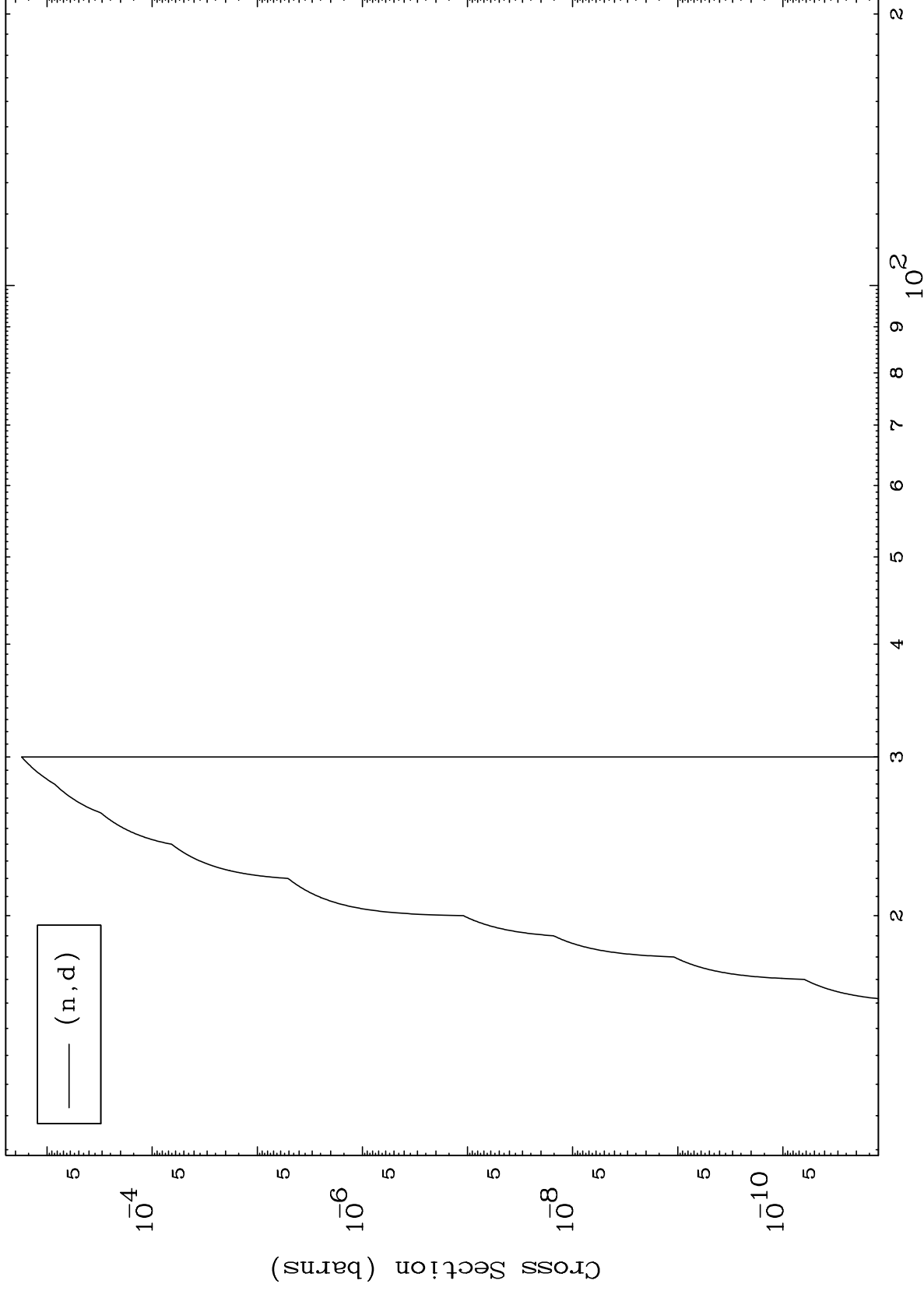
Incident Energy (MeV)

69-Tm-164

MAT 6910

(α, d) Levels
0 Kelvin Cross Sections

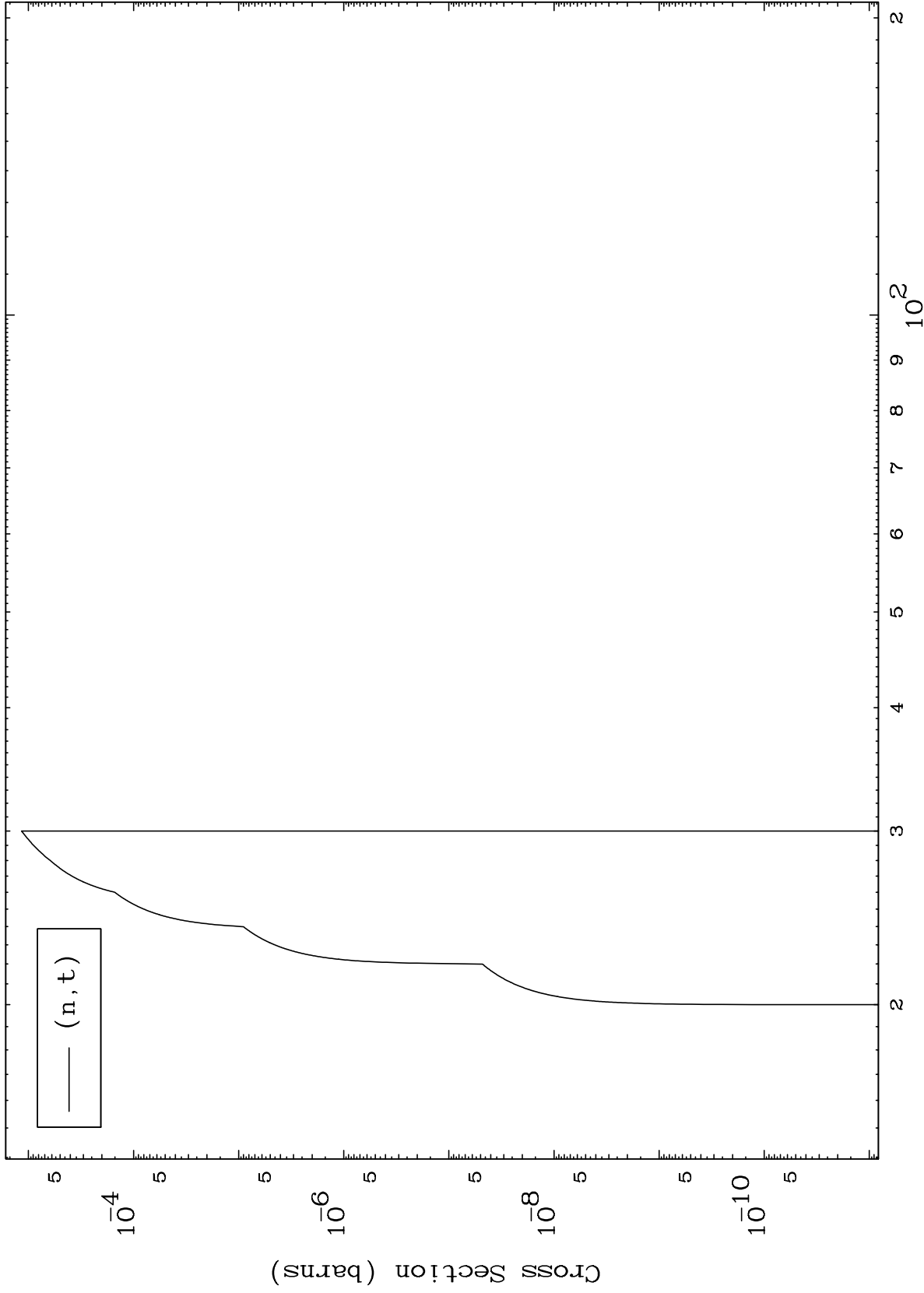
69-Tm-164



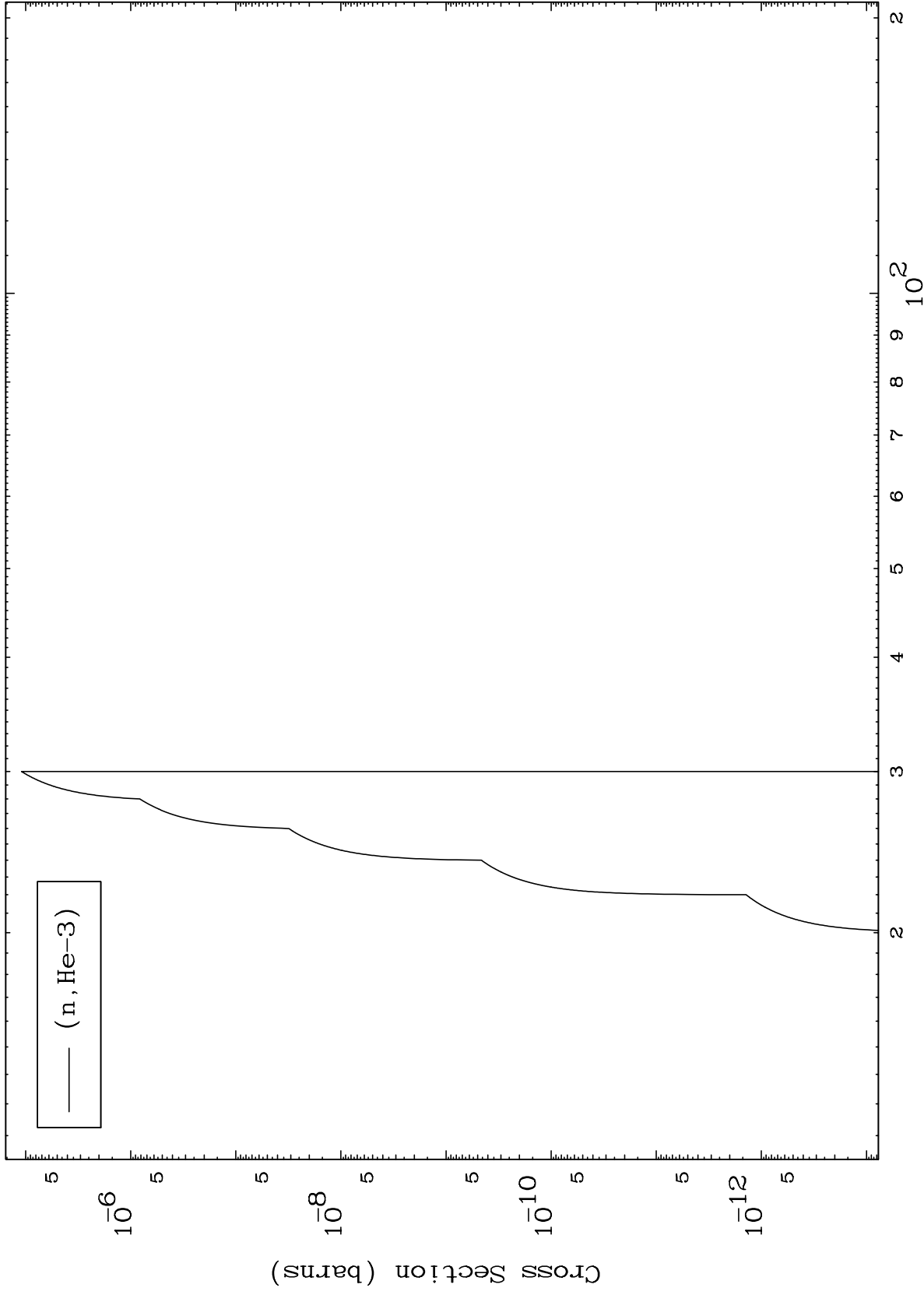
7

Incident Energy (MeV)

69-Tm-164



($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

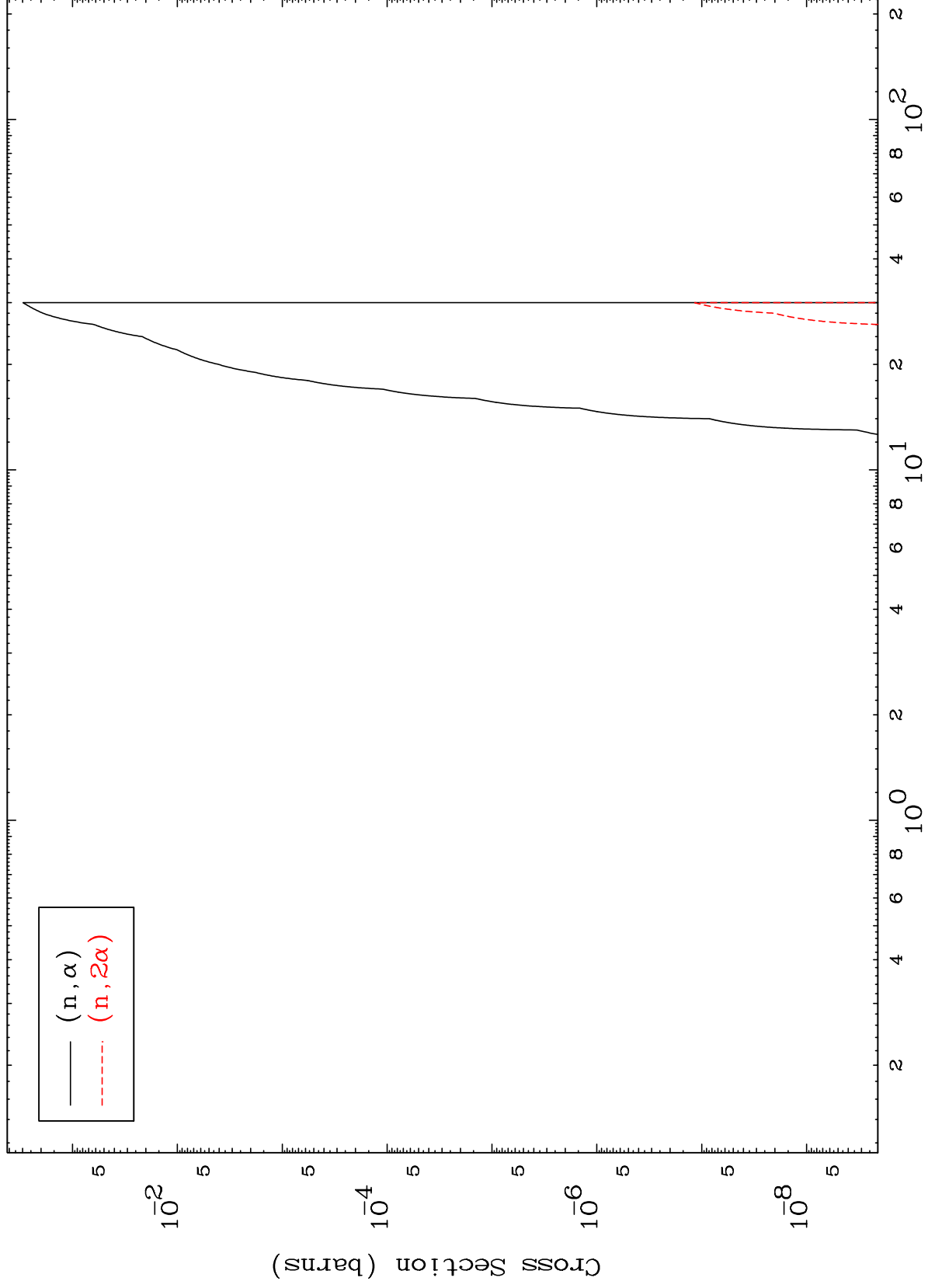


MAT 6910

(α, α) Levels

69-Tm-164

0 Kelvin Cross Sections



10

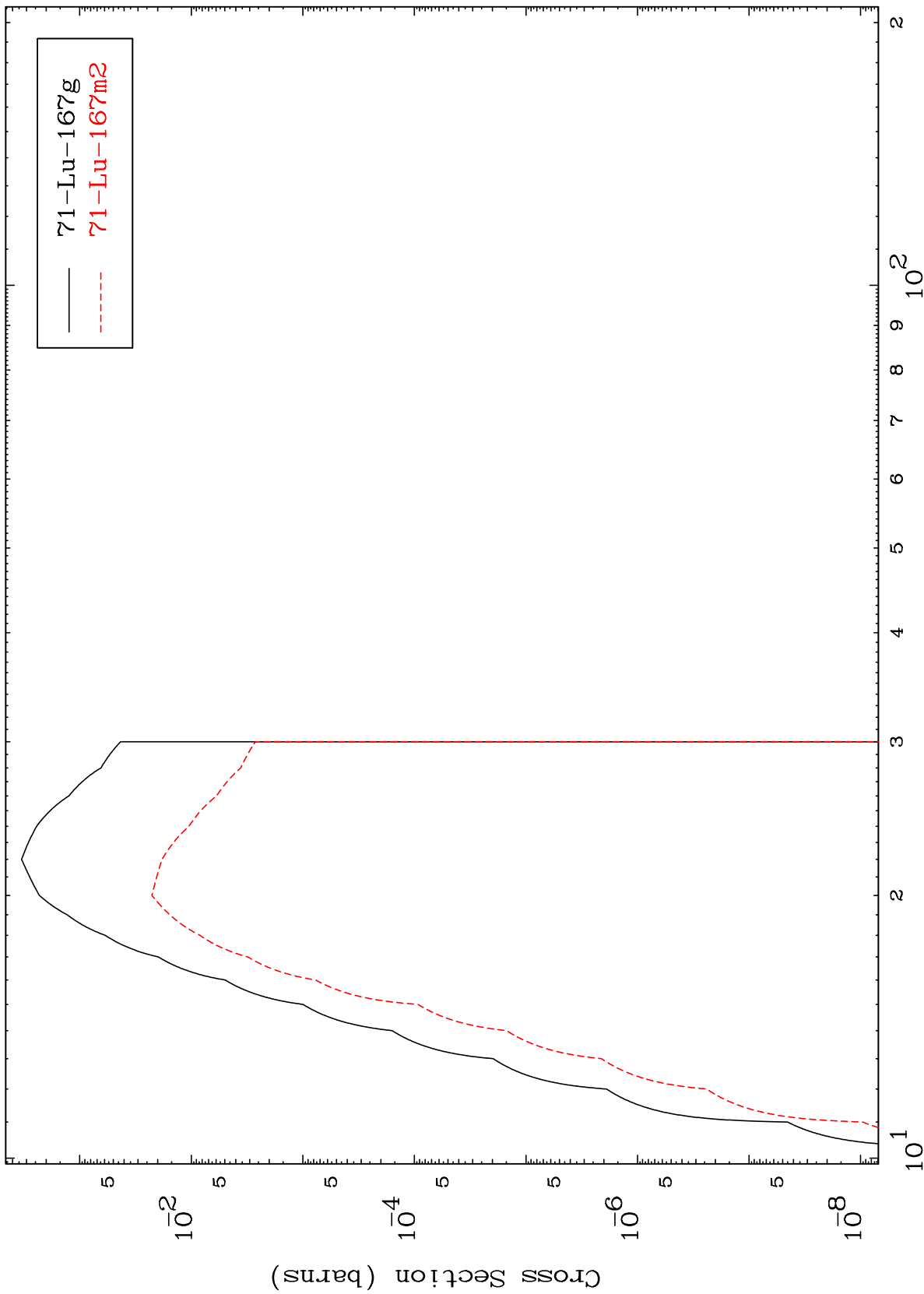
Incident Energy (MeV)

69-Tm-164

MAT 6910

69-Tm-164

Inelastic
Radionuclide Production Cross Section



69-Tm-164

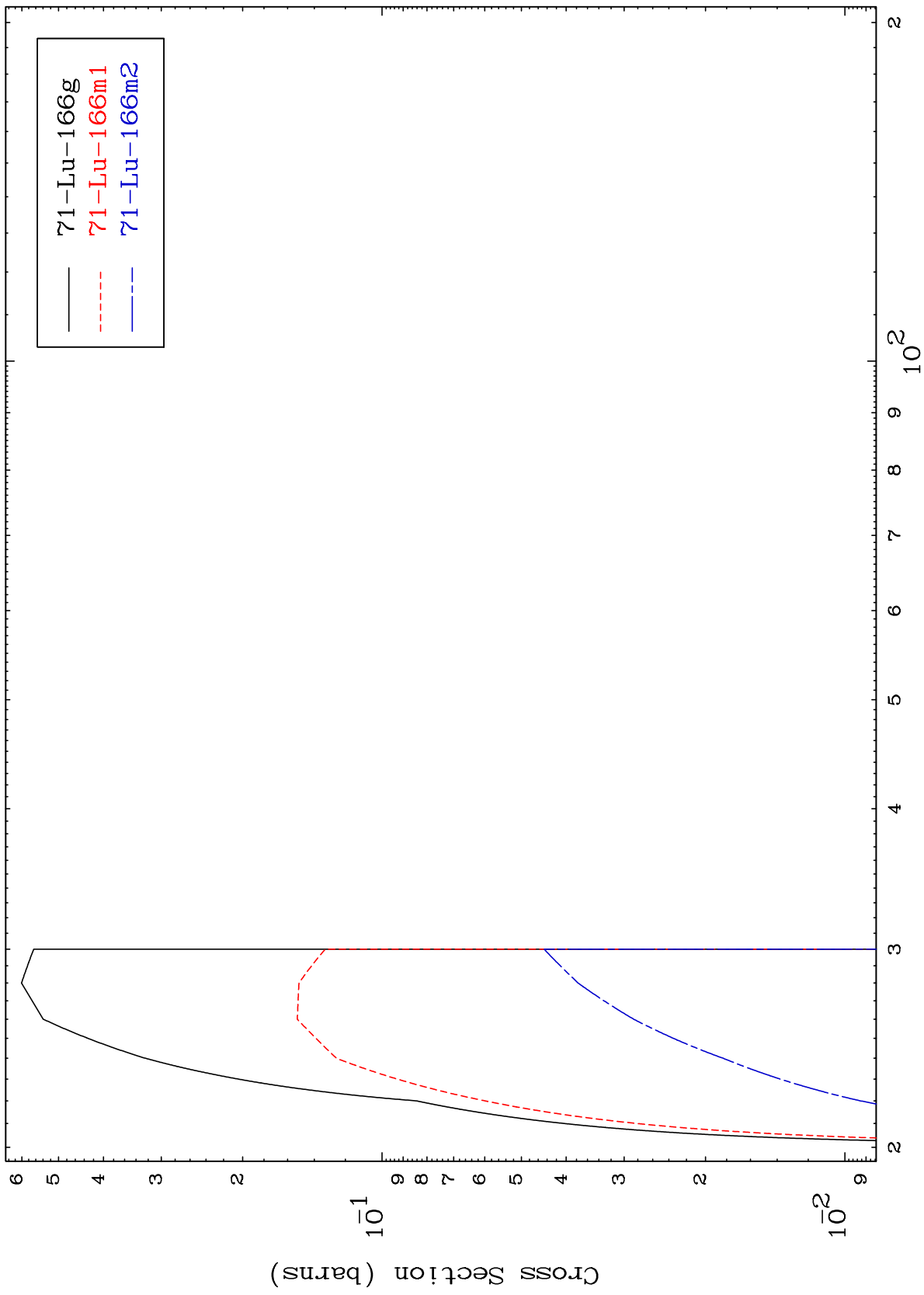
Incident Energy (MeV)

11

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(n,2n)
Radionuclide Production Cross Section



69-Tm-164

Incident Energy (MeV)

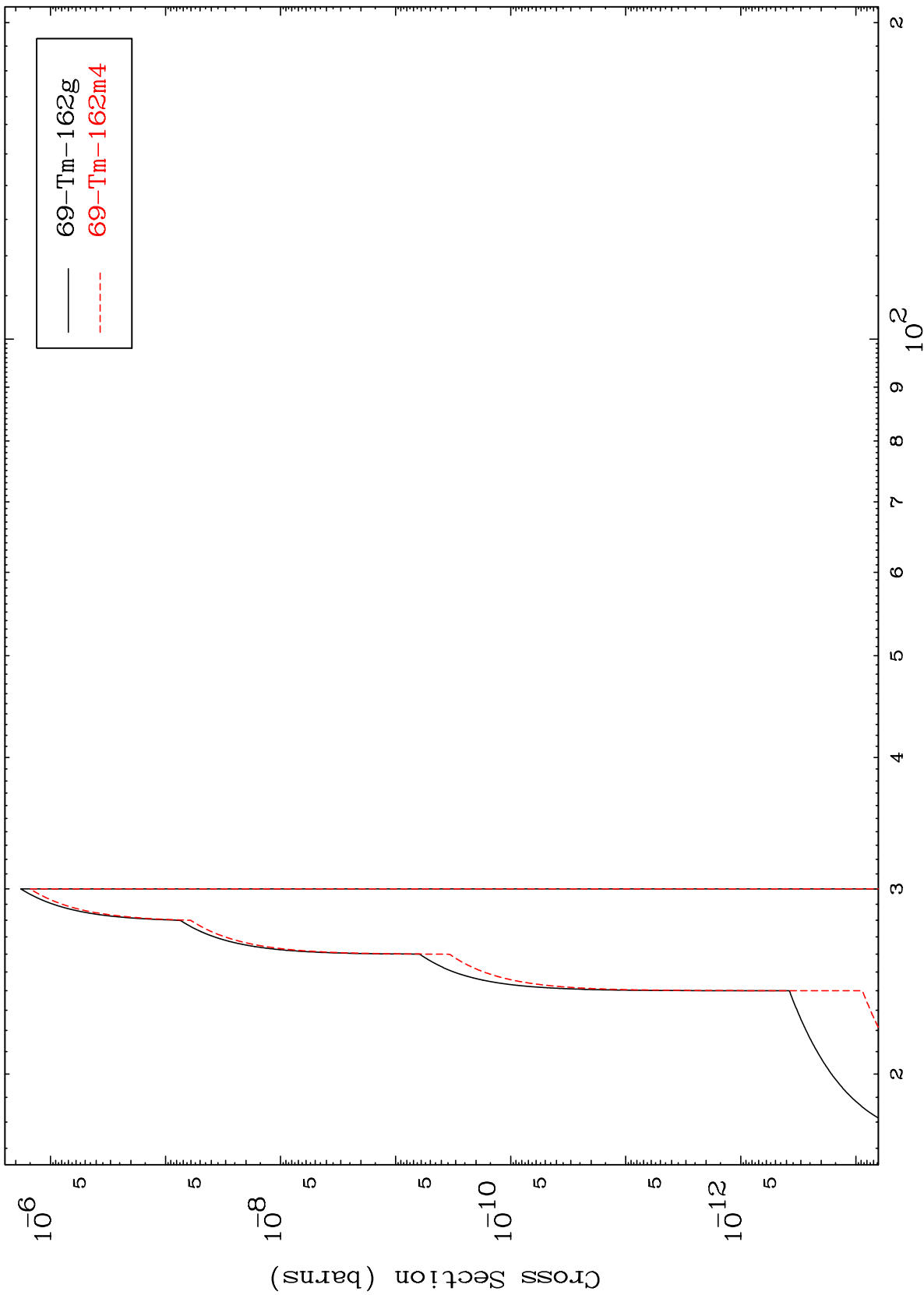
12

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$(n,2n) \alpha$

$^{69}\text{Tm}-164$

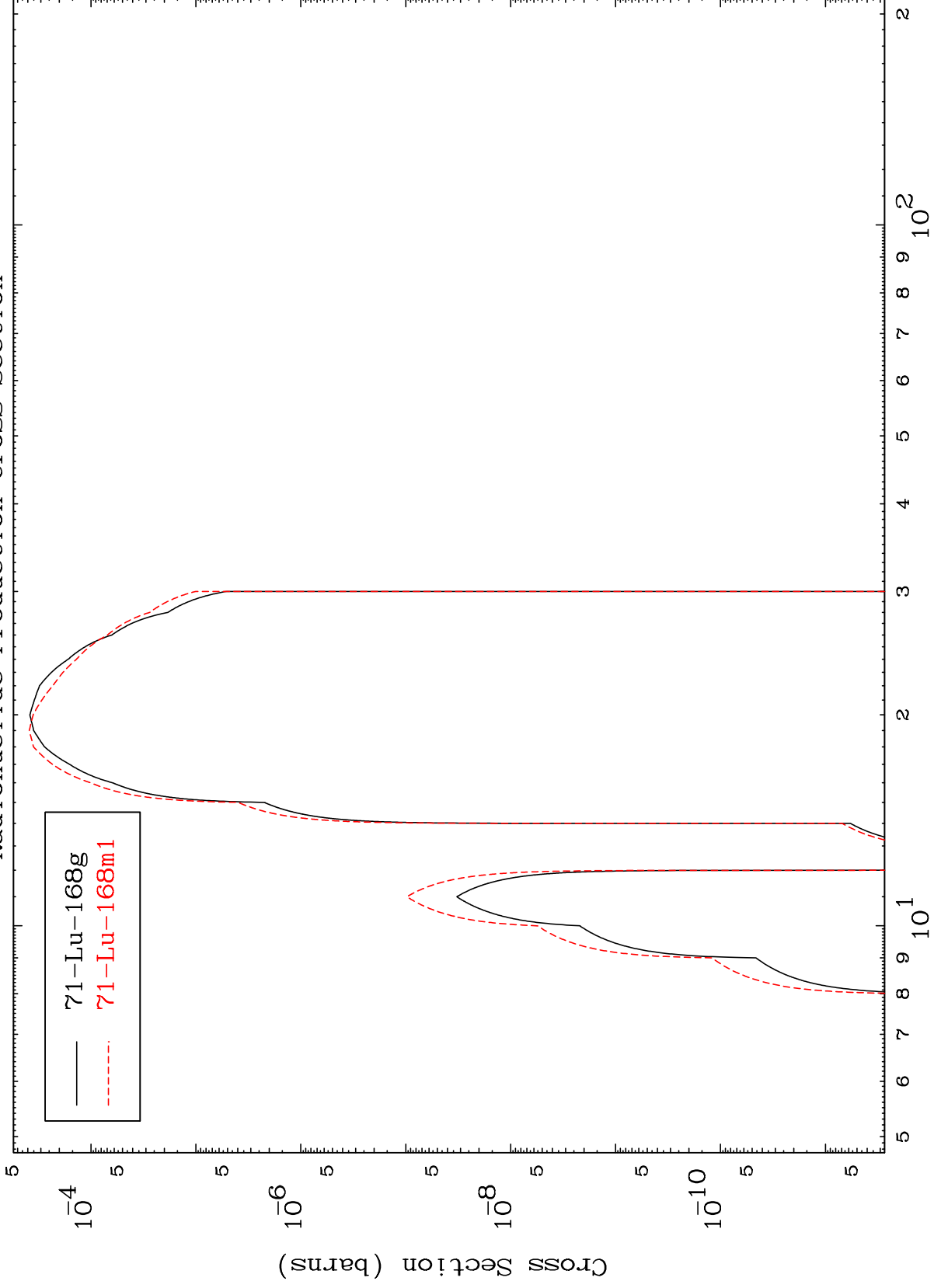
Radionuclide Production Cross Section



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69-Tm-164

(n,γ)
Radionuclide Production Cross Section



14

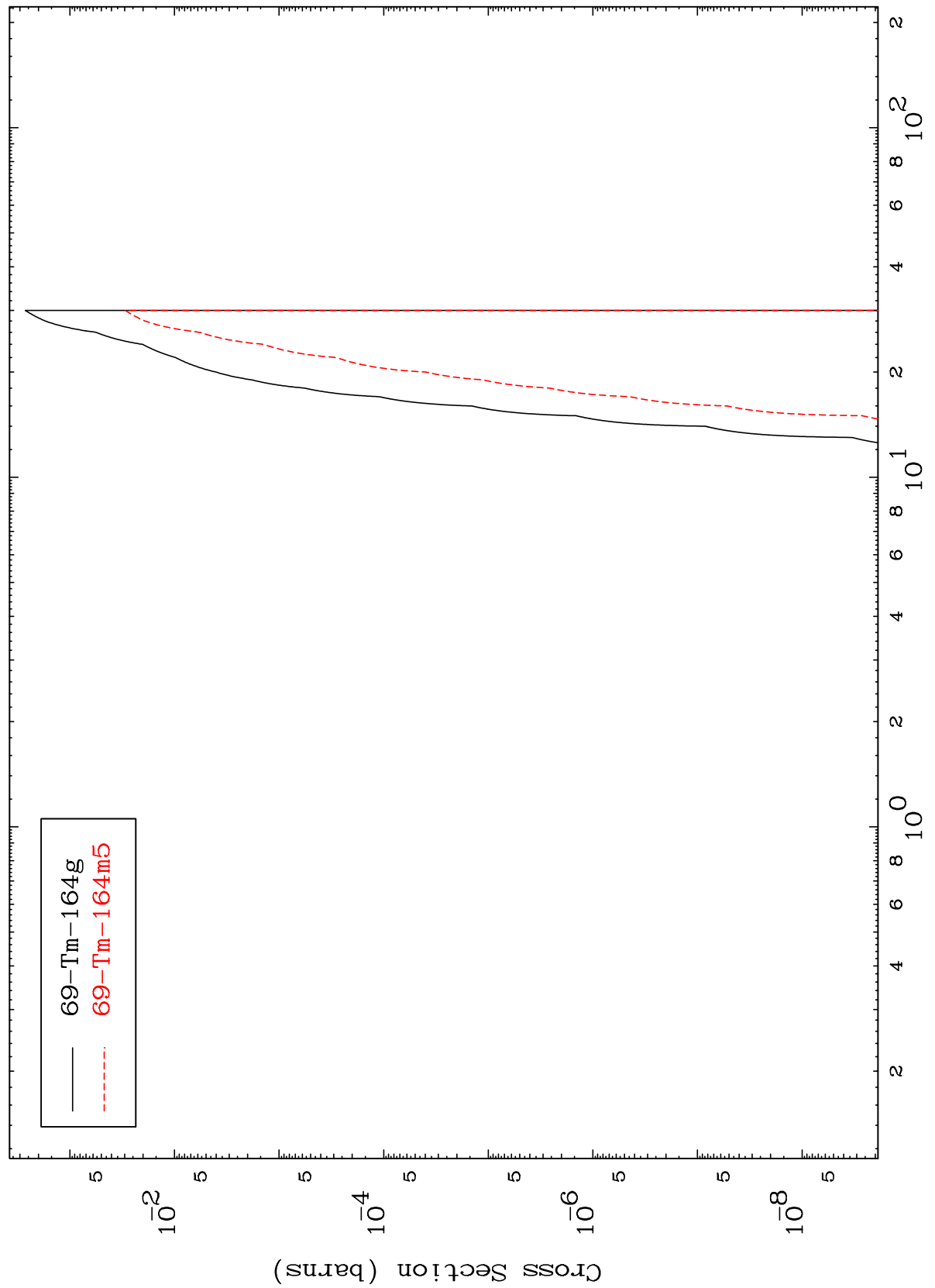
Incident Energy (MeV)

69-Tm-164

MAT 6910

69-Tm-164

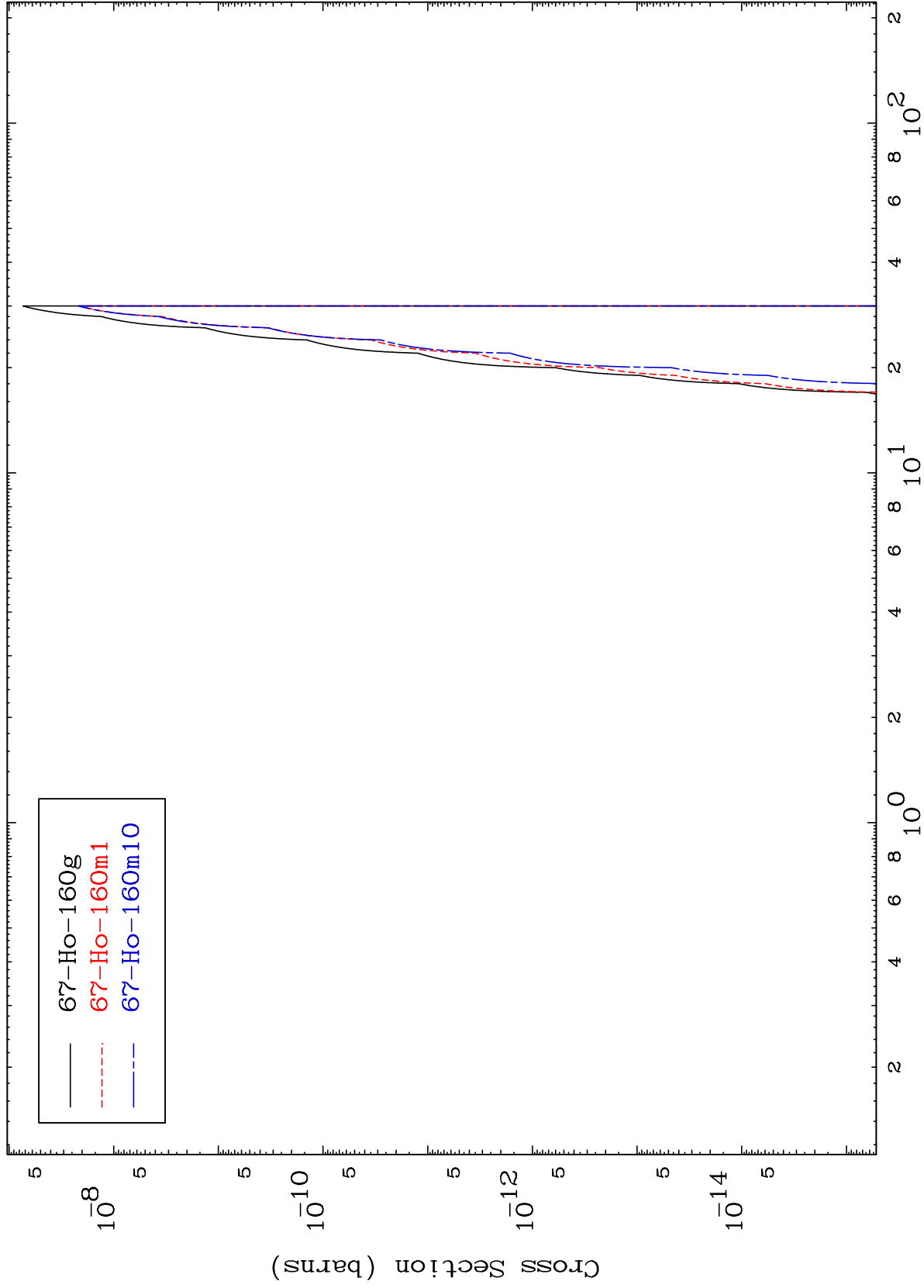
Radionuclide Production Cross Section
(n, α)



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69-Tm-164

Radionuclide Production Cross Section
(n,2α)



16

69-Tm-164

Incident Energy (MeV)