

Program EVALPLOT
(Version 2021-1)

by

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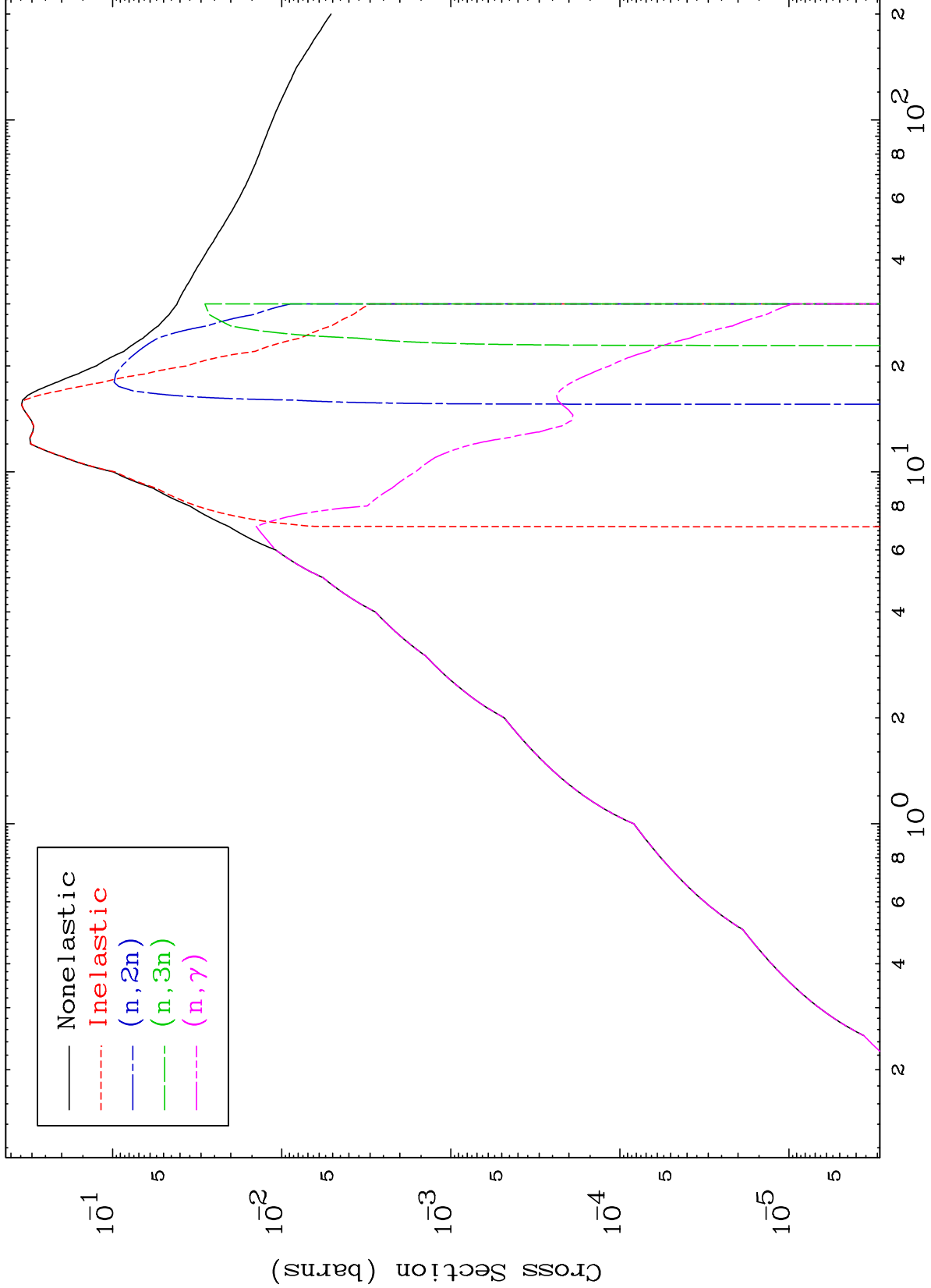
Press Mouse Button to Start

MAT 7116

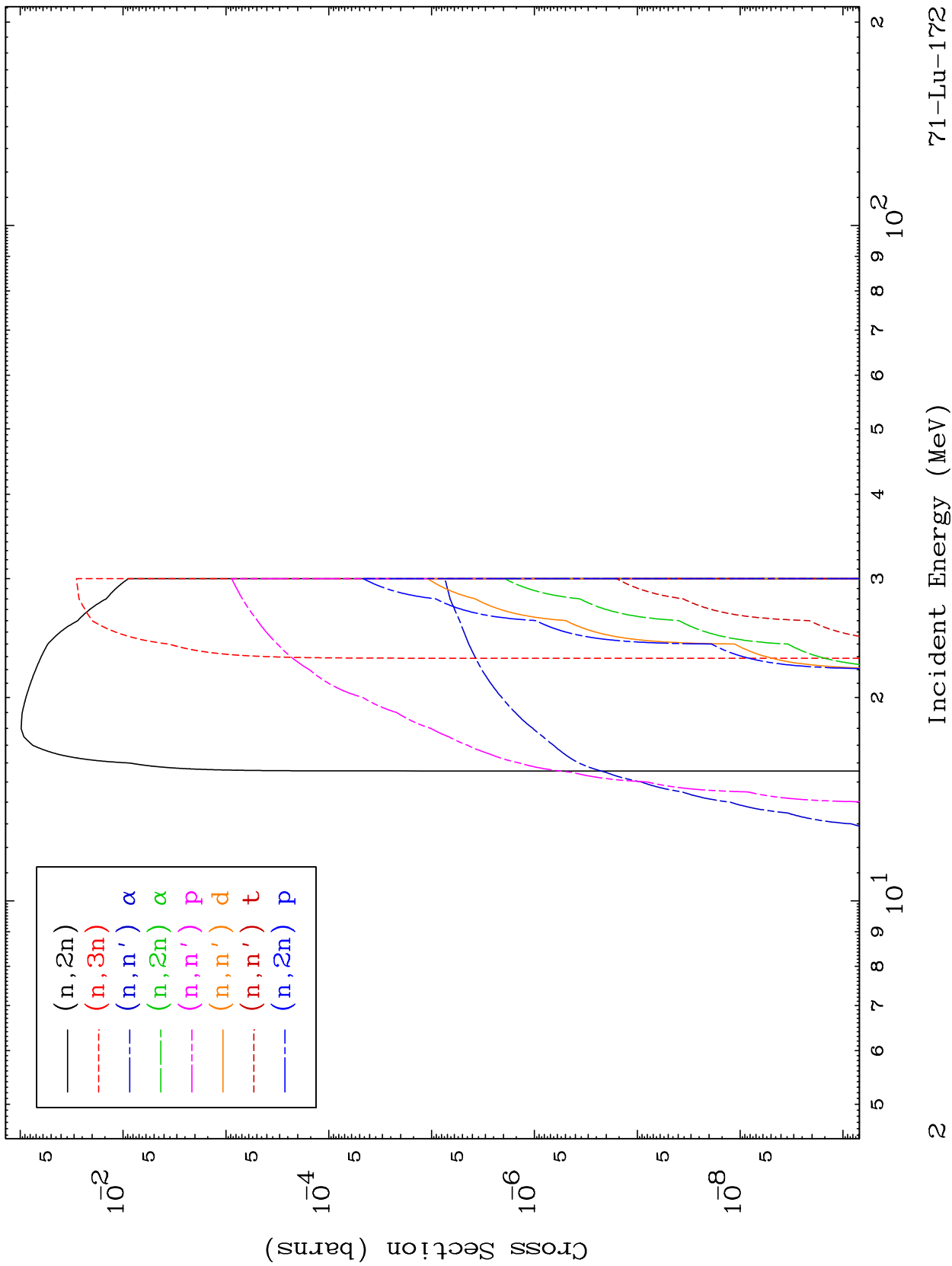
Photon Major

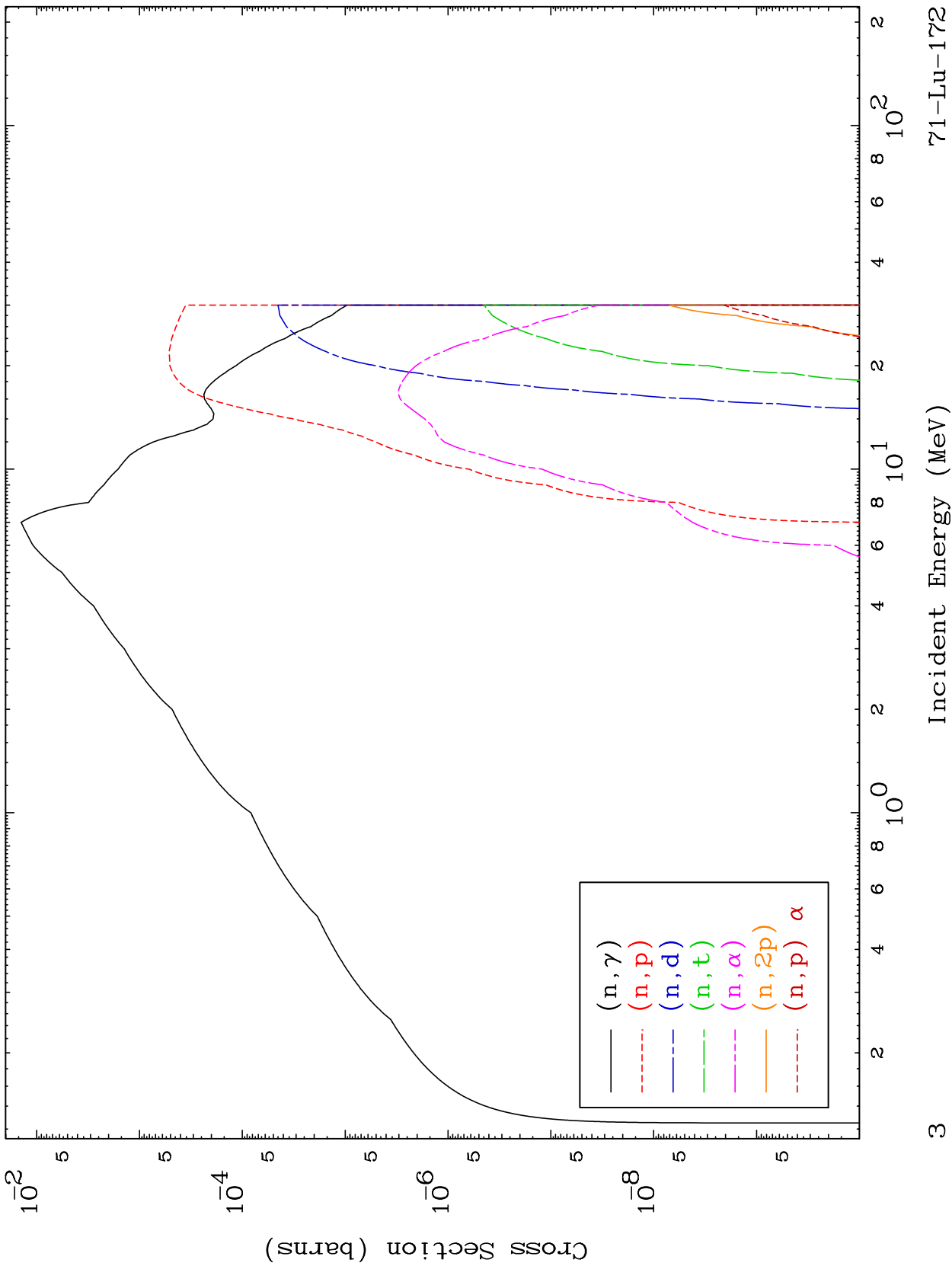
71-Lu-172

0 Kelvin Cross Sections



Legend:
— Nonelastic
- - - Inelastic
- · - (n, 2n)
- - - (n, 3n)
- - - (n, γ)

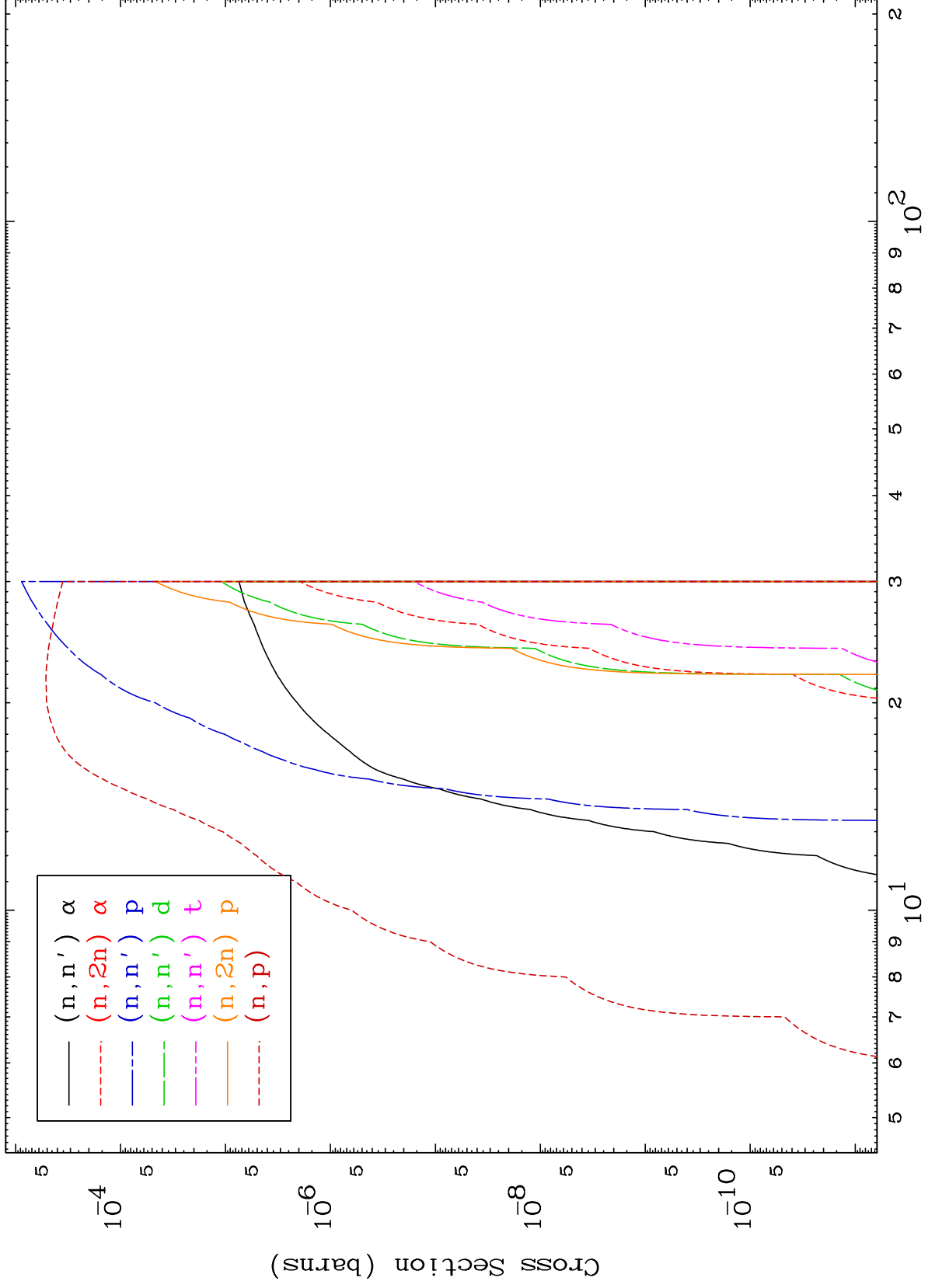


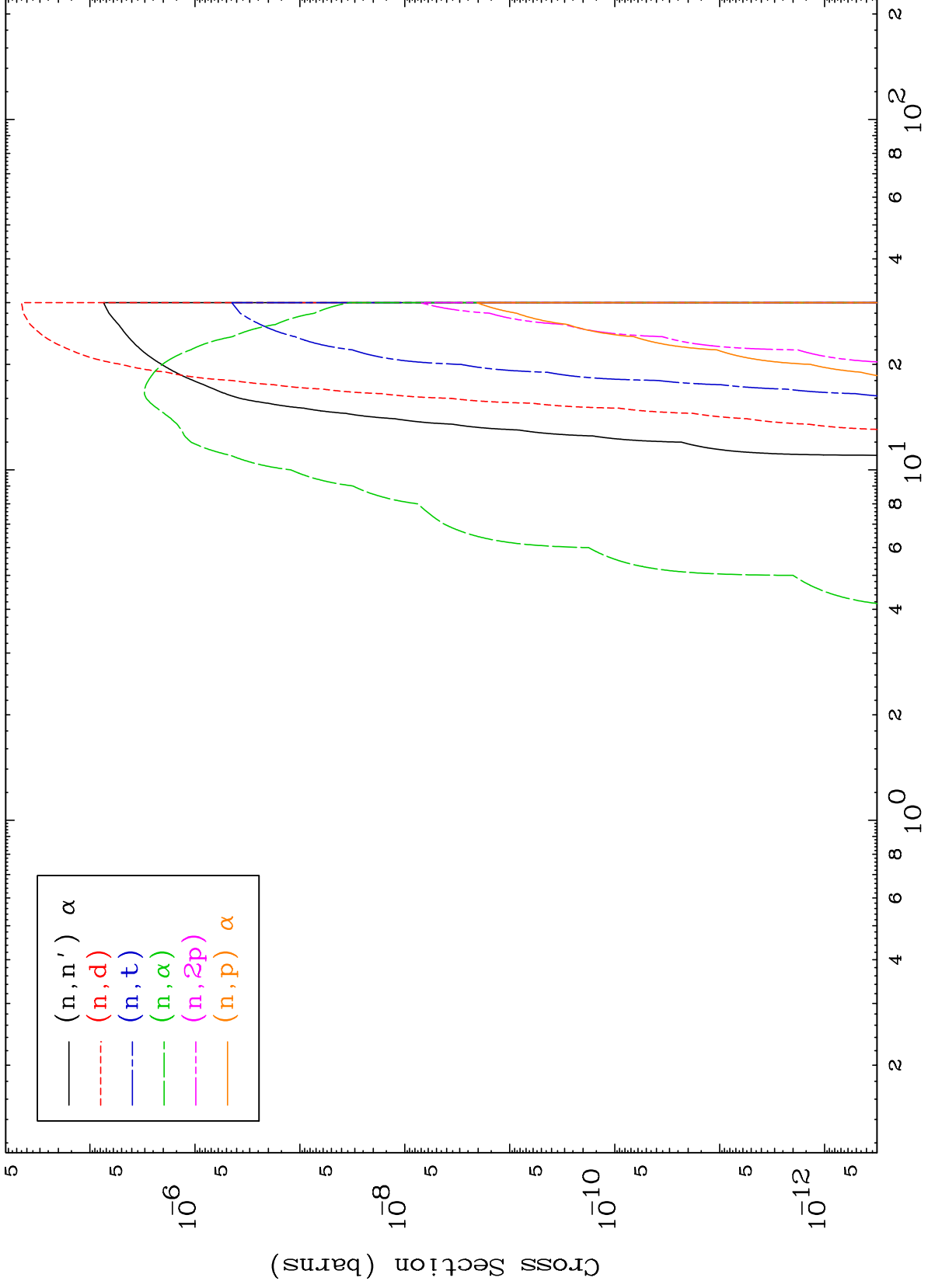


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Photon Charged Particle
0 Kelvin Cross Sections

71-Lu-172



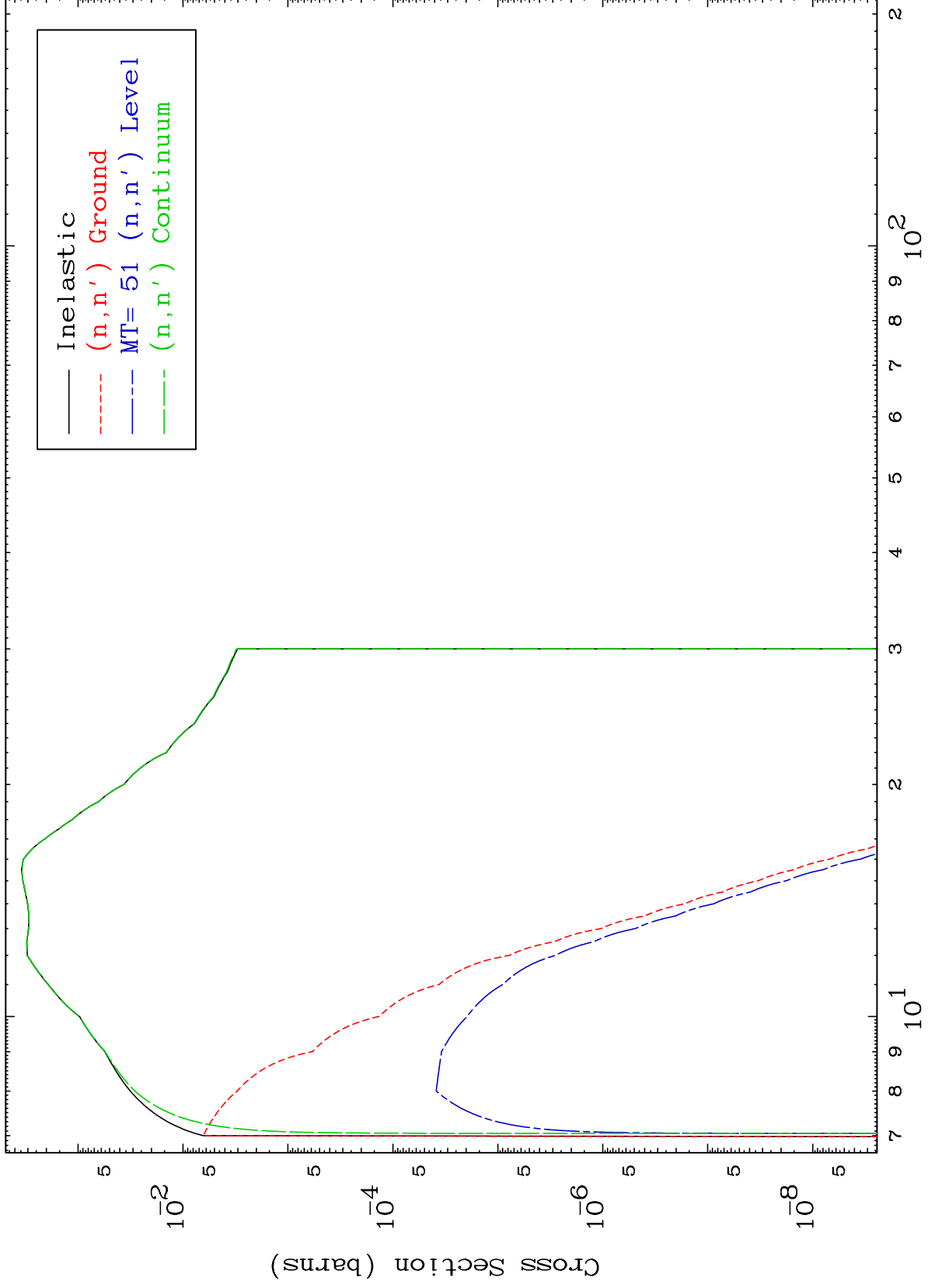


MAT 7116

(γ, n') Levels

71-Lu-172

0 Kelvin Cross Sections



Incident Energy (MeV)

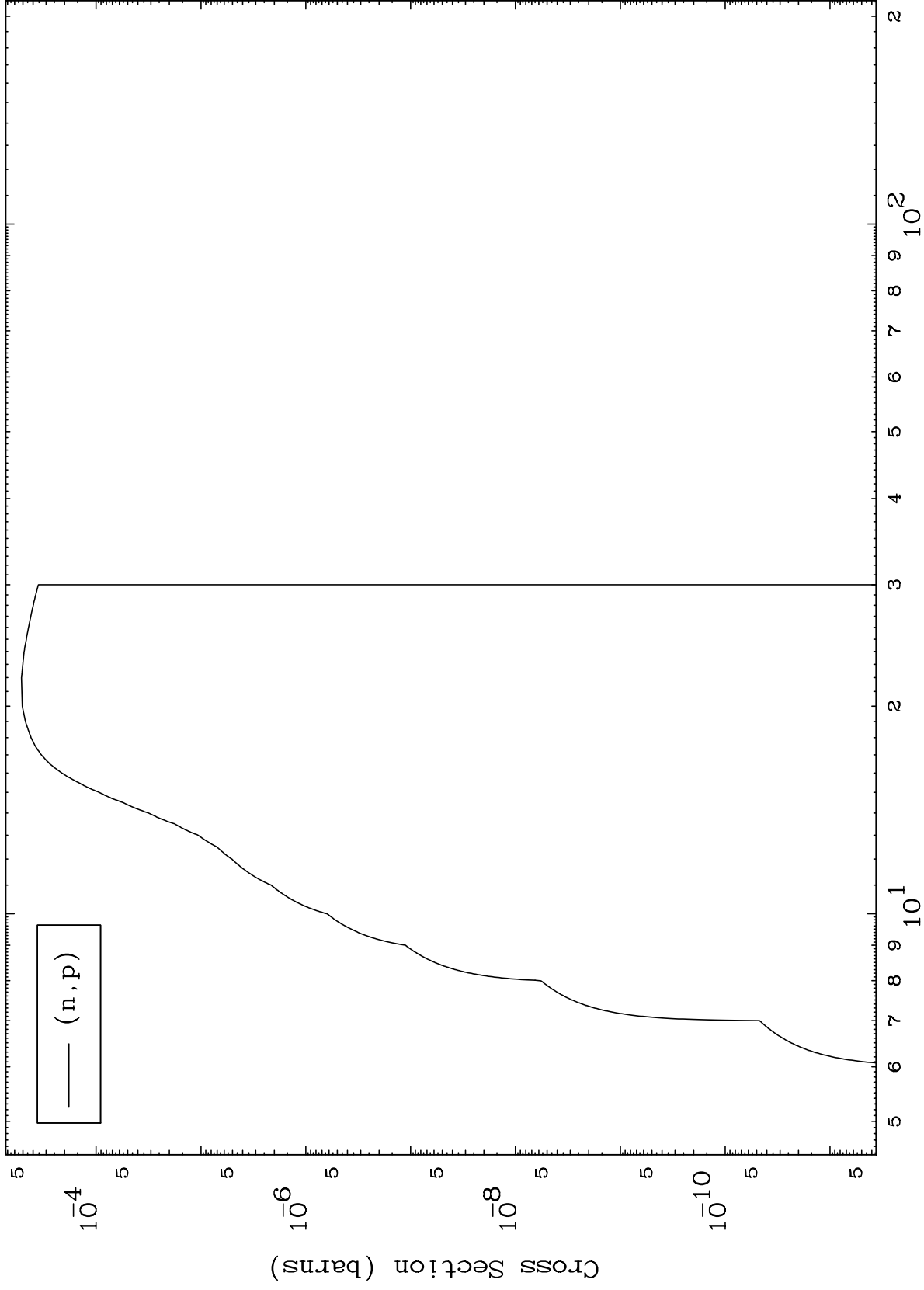
71-Lu-172

6

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(γ, p) Levels
0 Kelvin Cross Sections

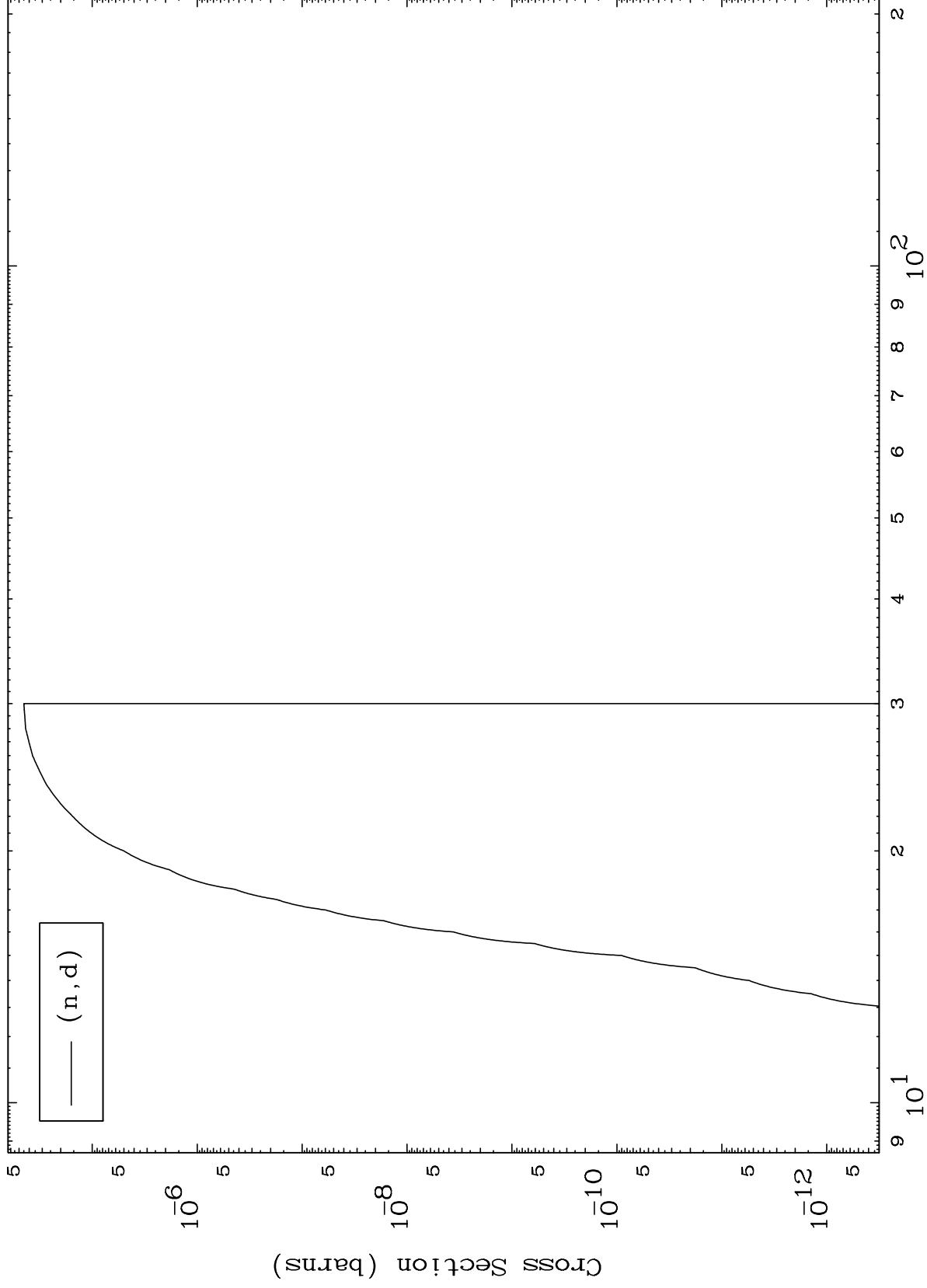
71-Lu-172



MAT 71116

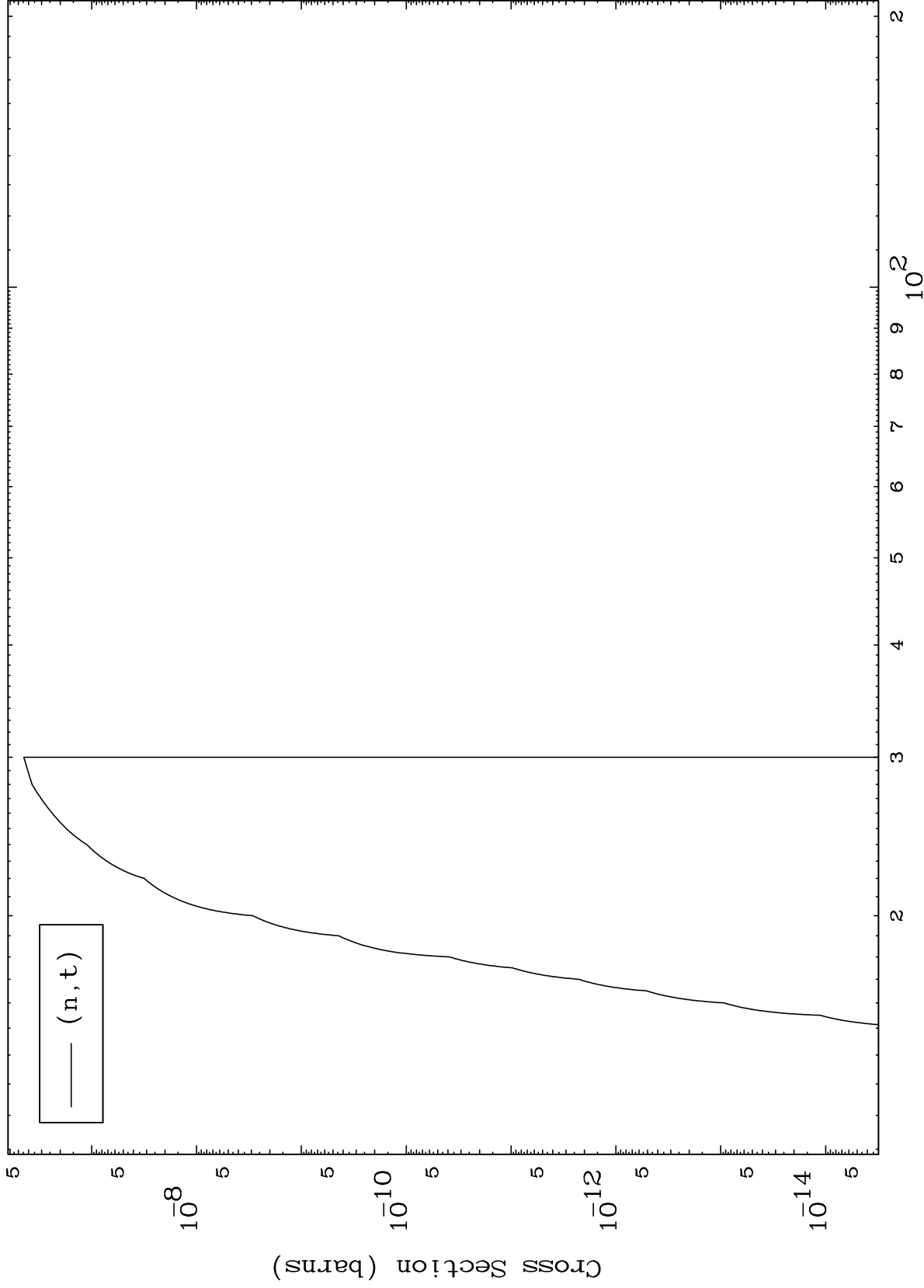
(γ, d) Levels
0 Kelvin Cross Sections

71-Lu-172



Incident Energy (MeV)

71-Lu-172

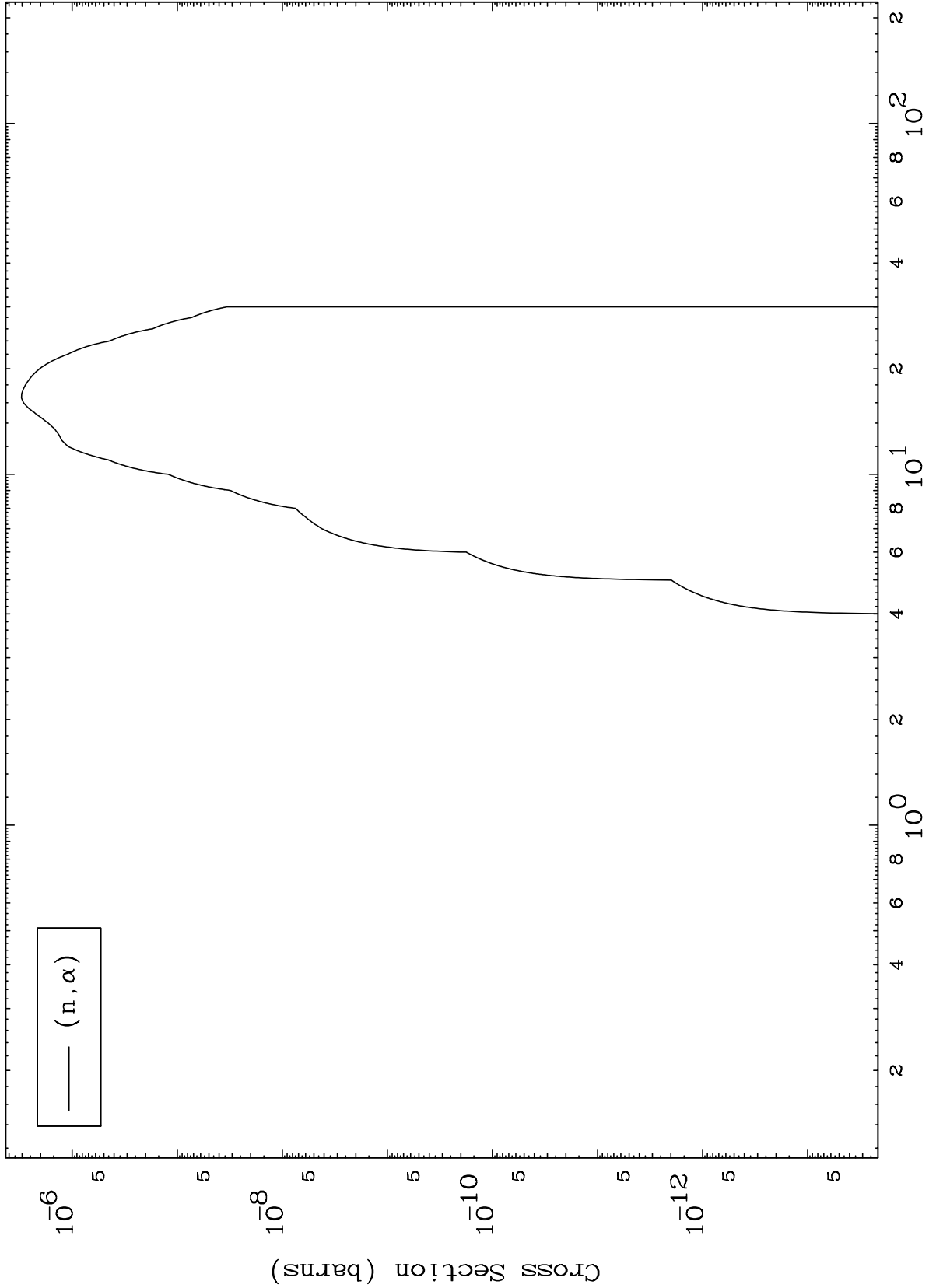


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(γ, α) Levels

71-Lu-172

0 Kelvin Cross Sections



10

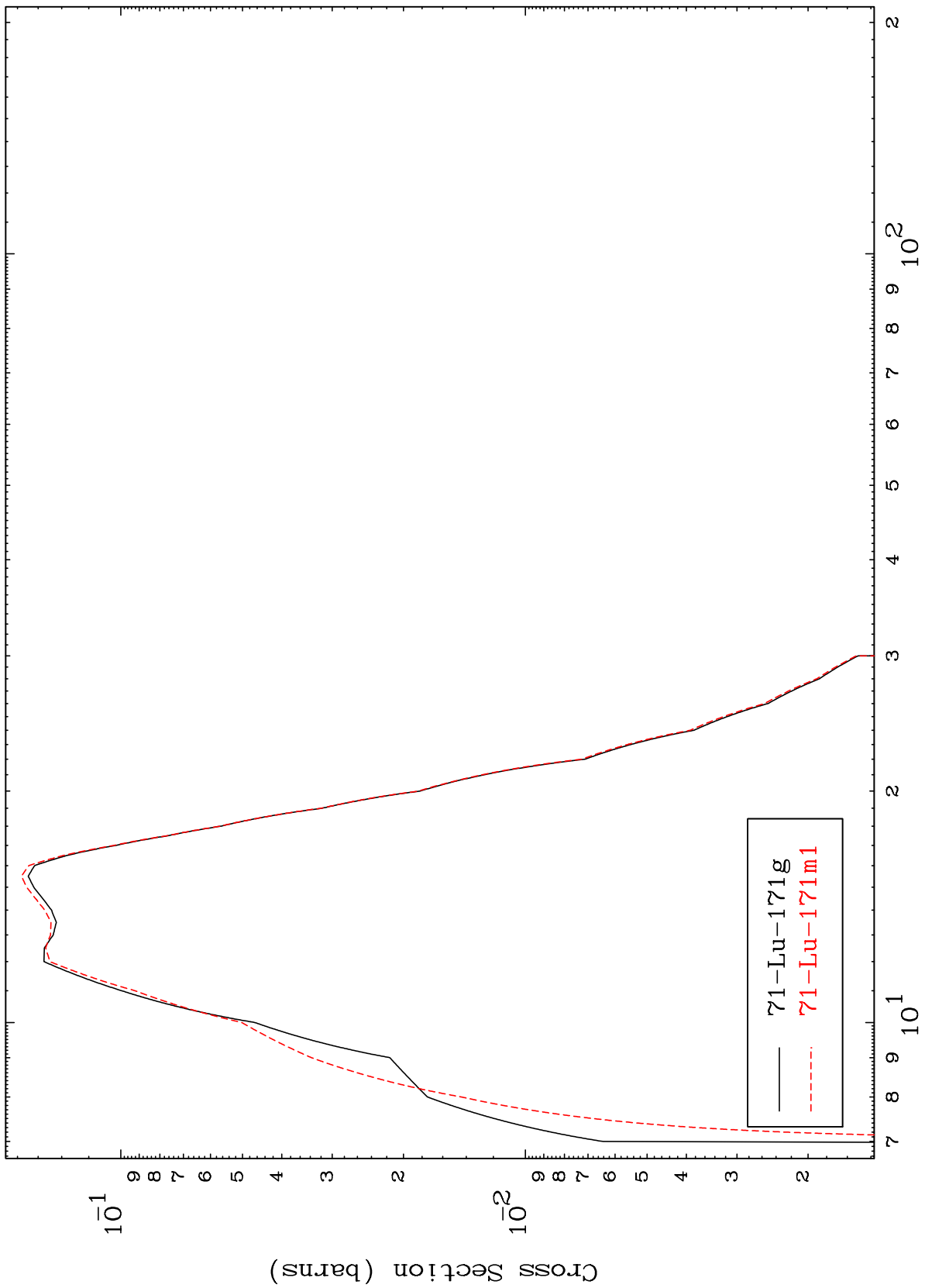
Incident Energy (MeV)

71-Lu-172

MAT 7116

71-Lu-172

Inelastic
Radionuclide Production Cross Section



11

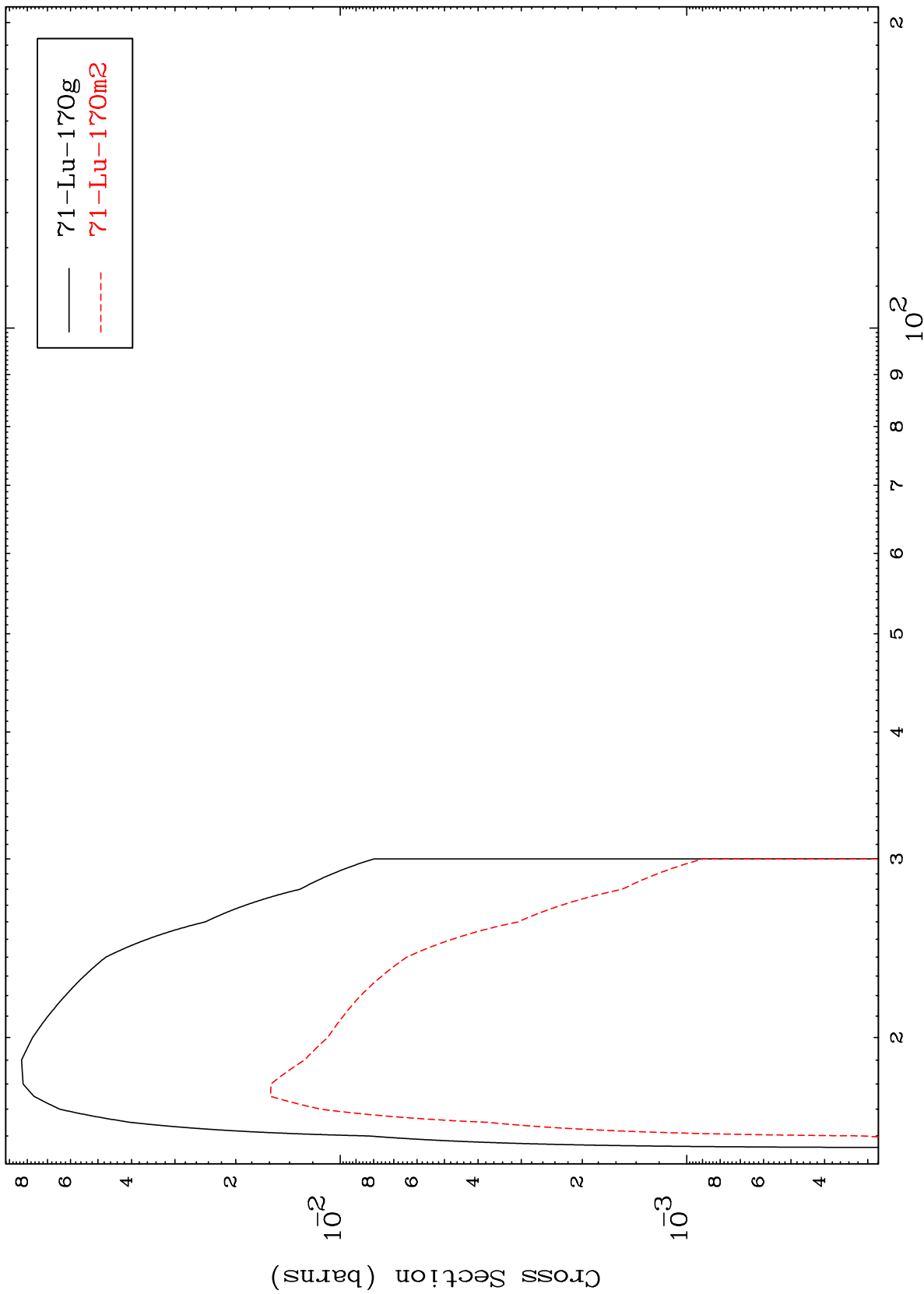
Incident Energy (MeV)

71-Lu-172

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71-Lu-172

(n,2n)
Radionuclide Production Cross Section



12

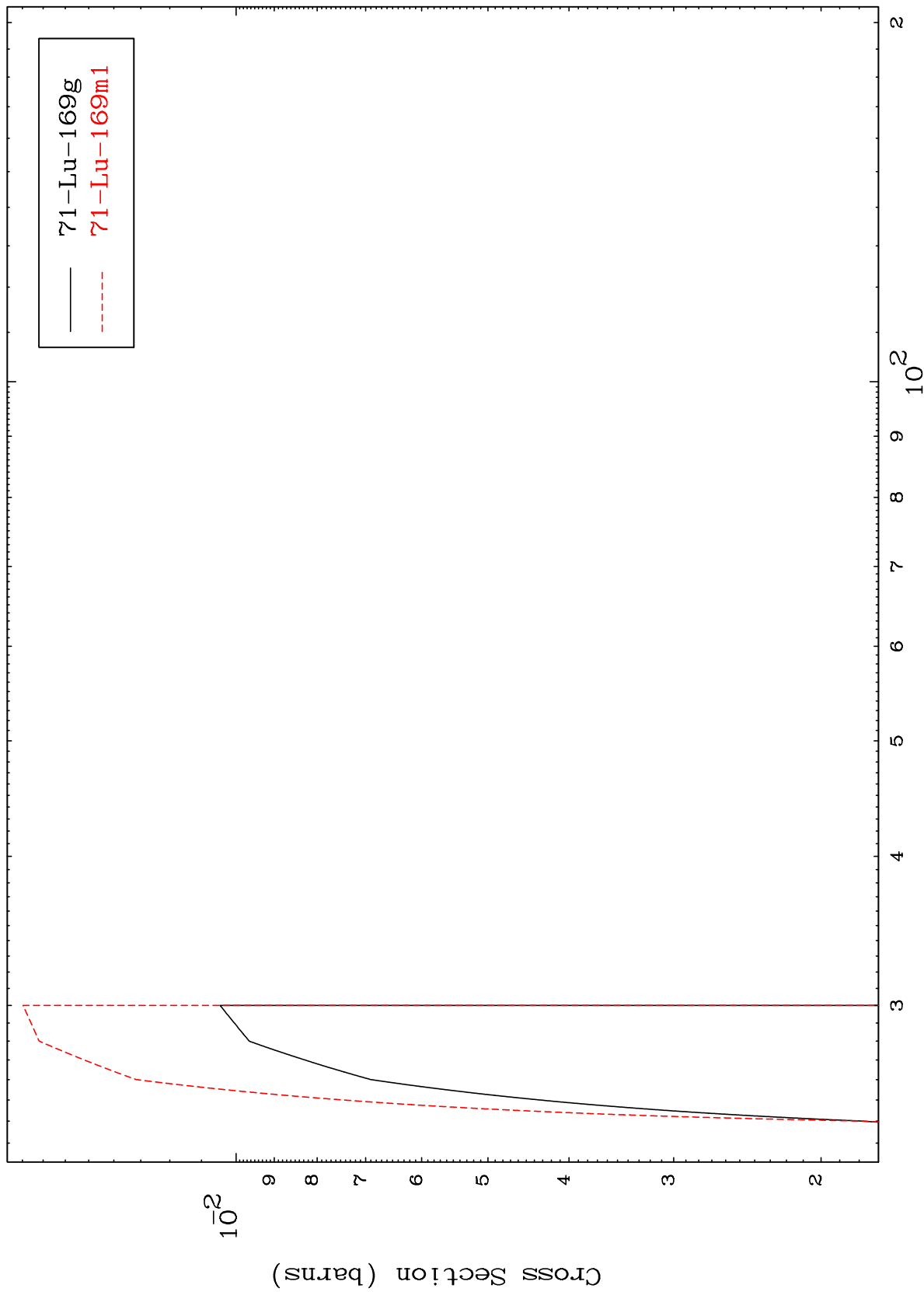
71-Lu-172

Incident Energy (MeV)

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71-Lu-172

(n,3n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

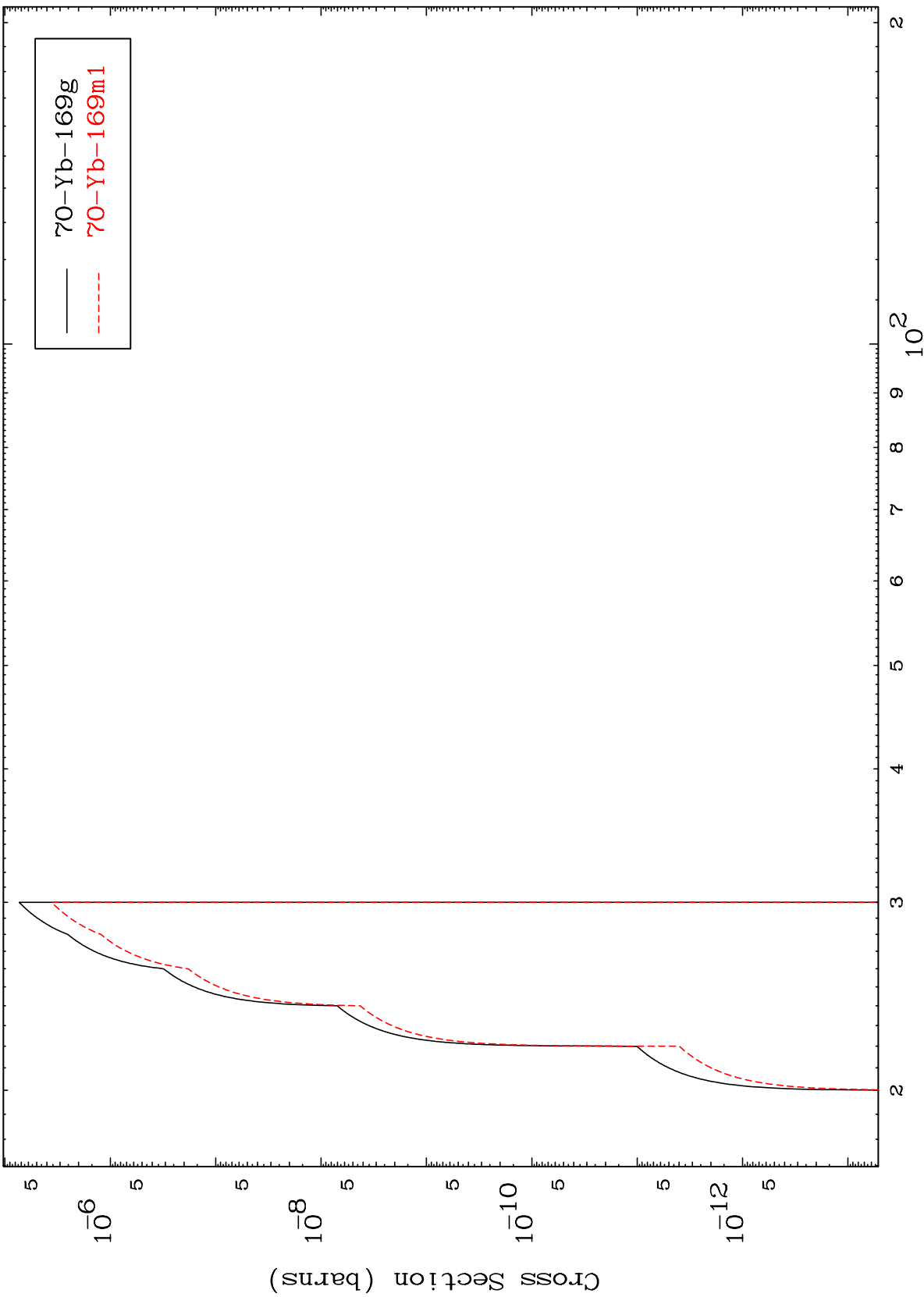
71-Lu-172

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(n,n') d

71-Lu-172

Radionuclide Production Cross Section



14

Incident Energy (MeV)

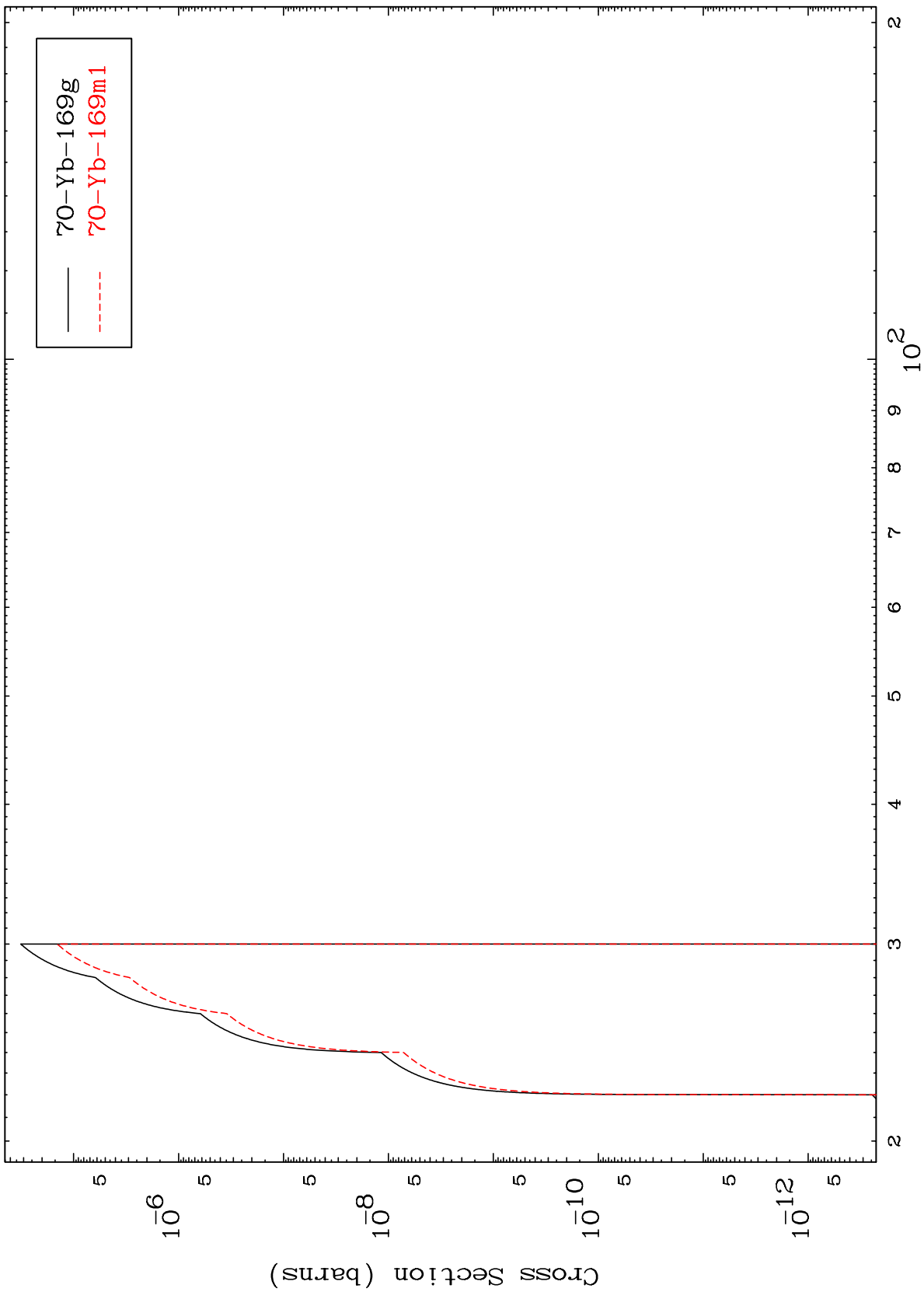
71-Lu-172

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(n,2n) p

71-Lu-172

Radionuclide Production Cross Section



15

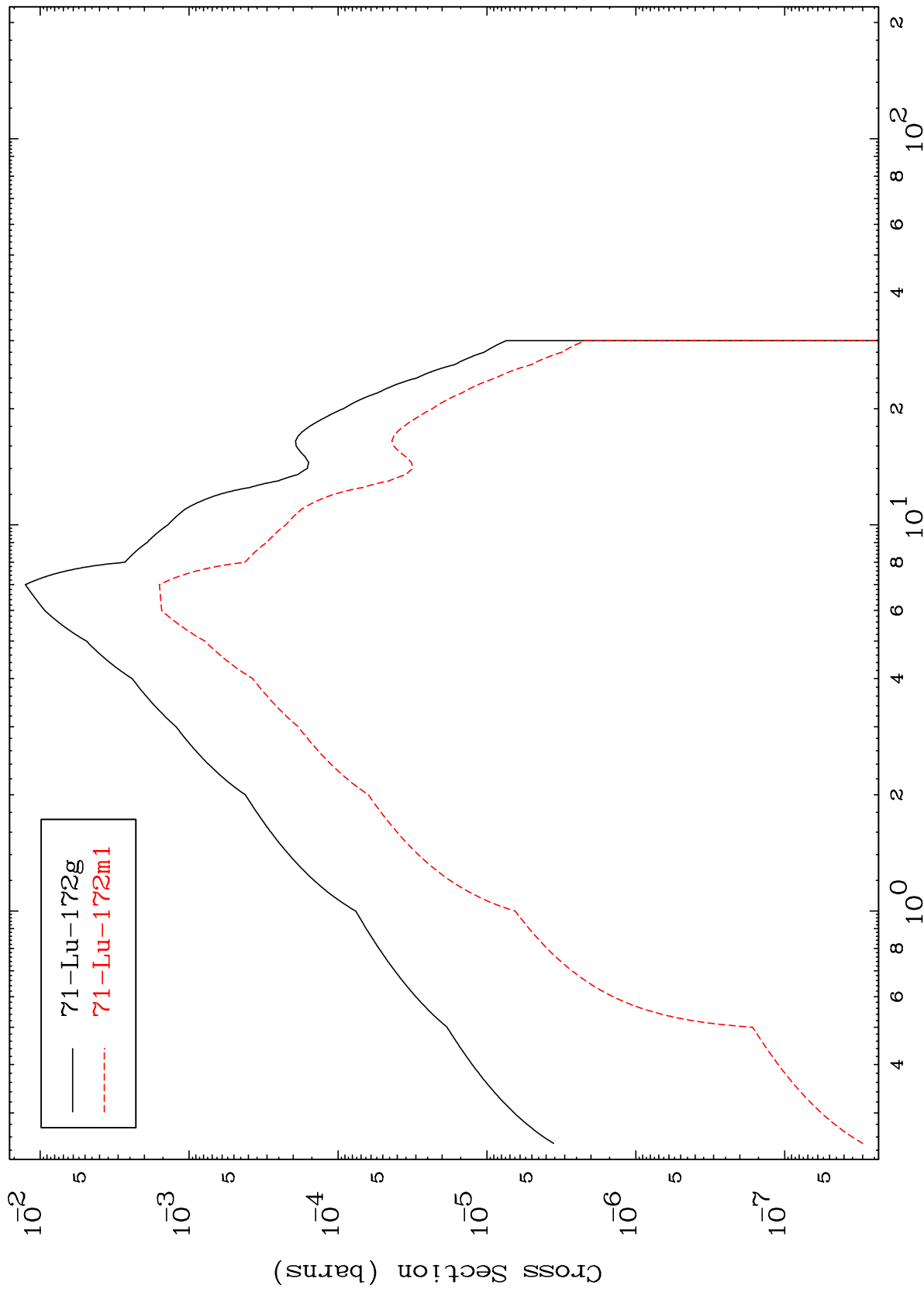
Incident Energy (MeV)

71-Lu-172

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71-Lu-172

Radionuclide Production Cross Section



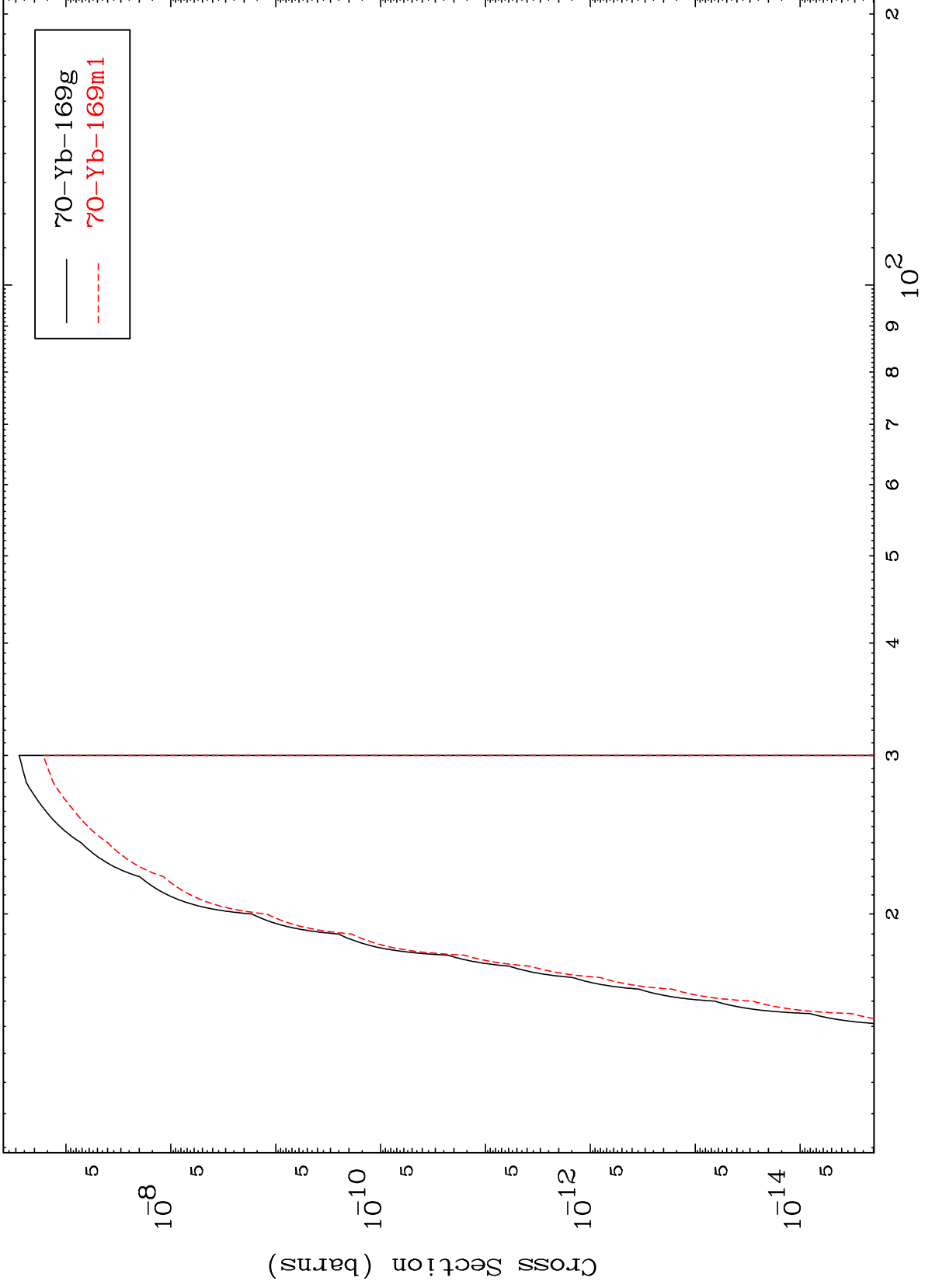
Legend:
— 71-Lu-172g
- - - 71-Lu-172m1

Incident Energy (MeV)

71-Lu-172

16

(n, t)
Radionuclide Production Cross Section

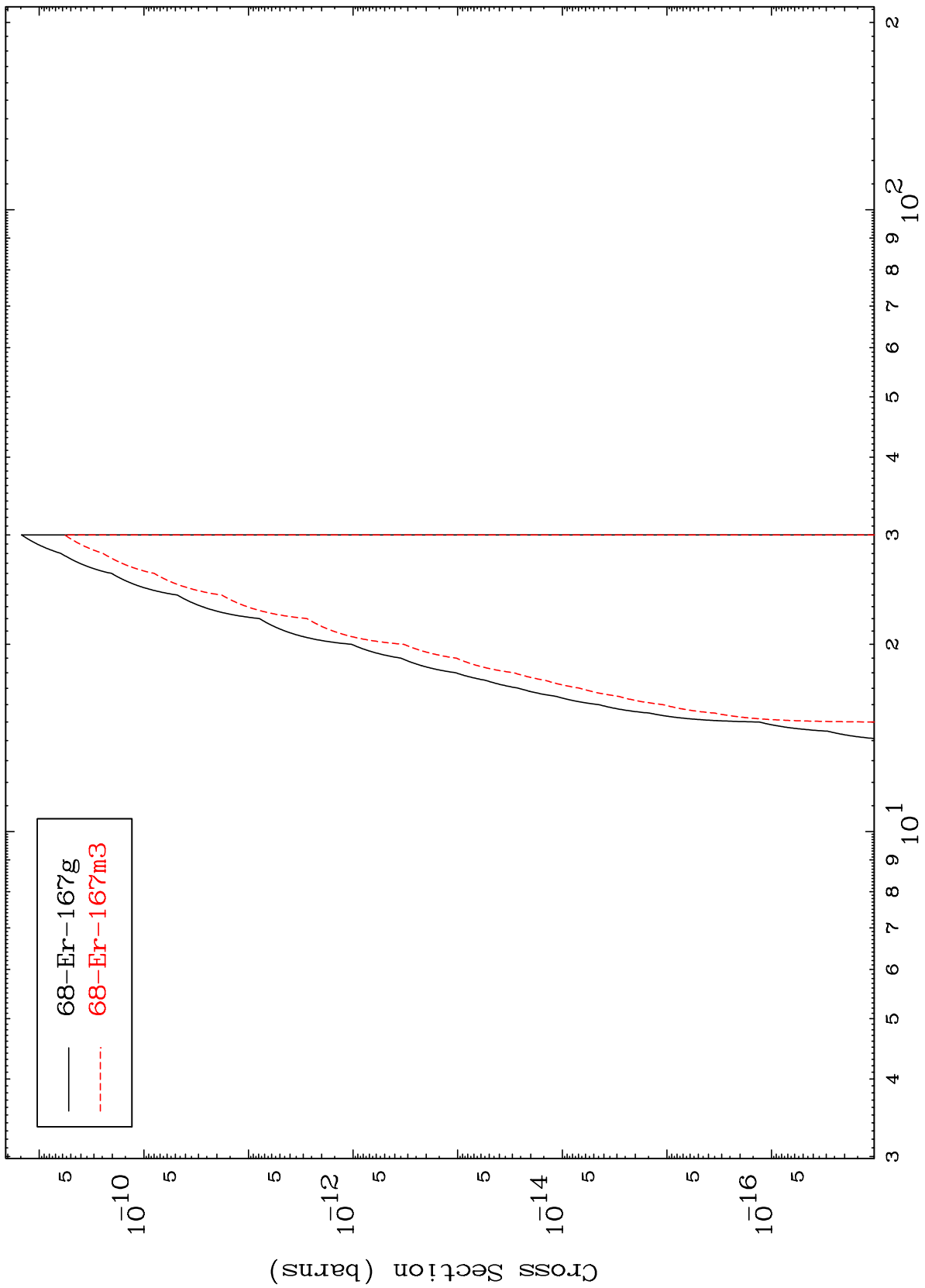


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$(n,p) \alpha$

$^{71}\text{Lu-172}$

Radionuclide Production Cross Section



18

Incident Energy (MeV)

$^{71}\text{Lu-172}$