

Program EVALPLOT
(Version 2021-1)

by

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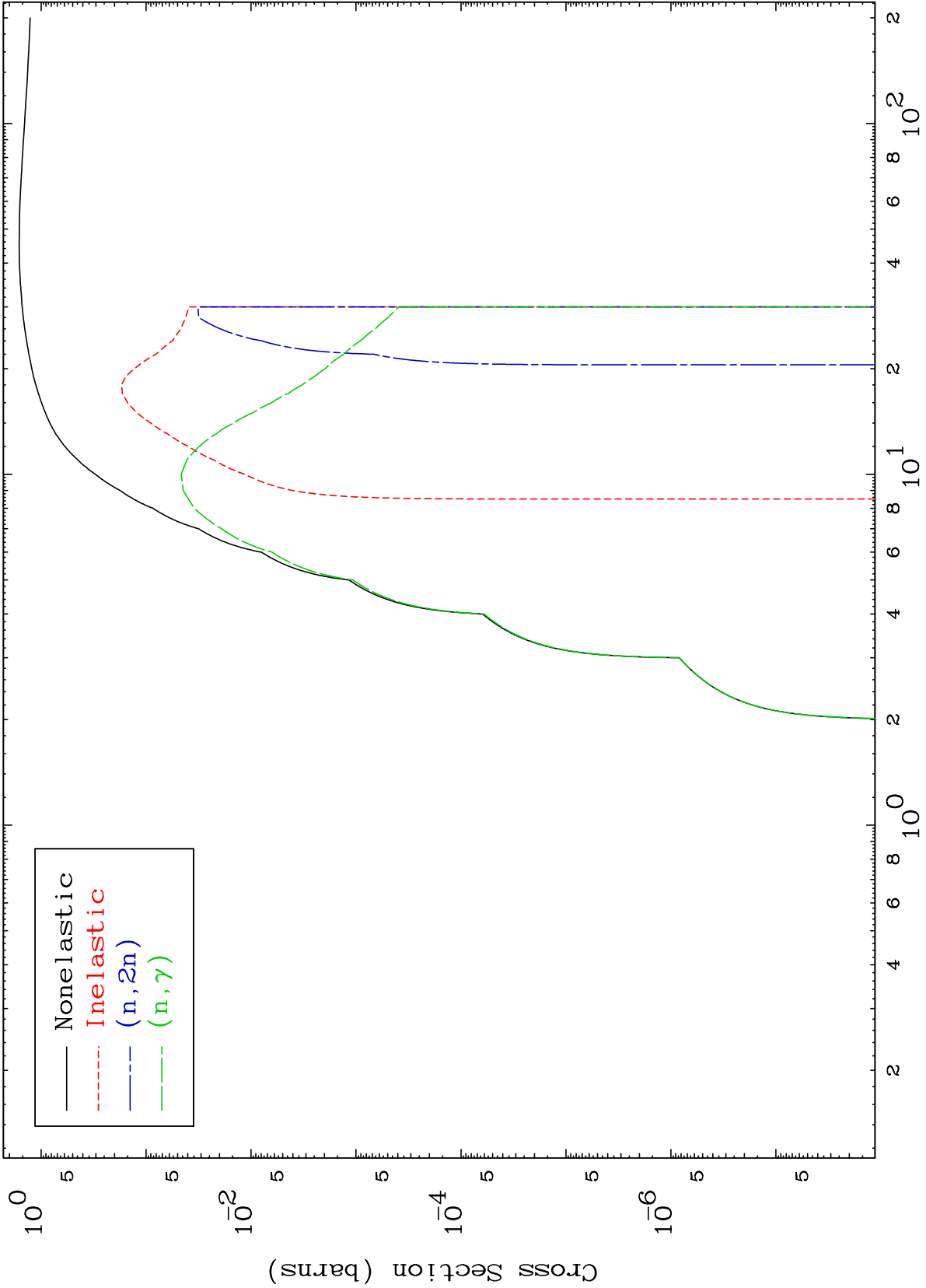
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6399

Proton Major
0 Kelvin Cross Sections

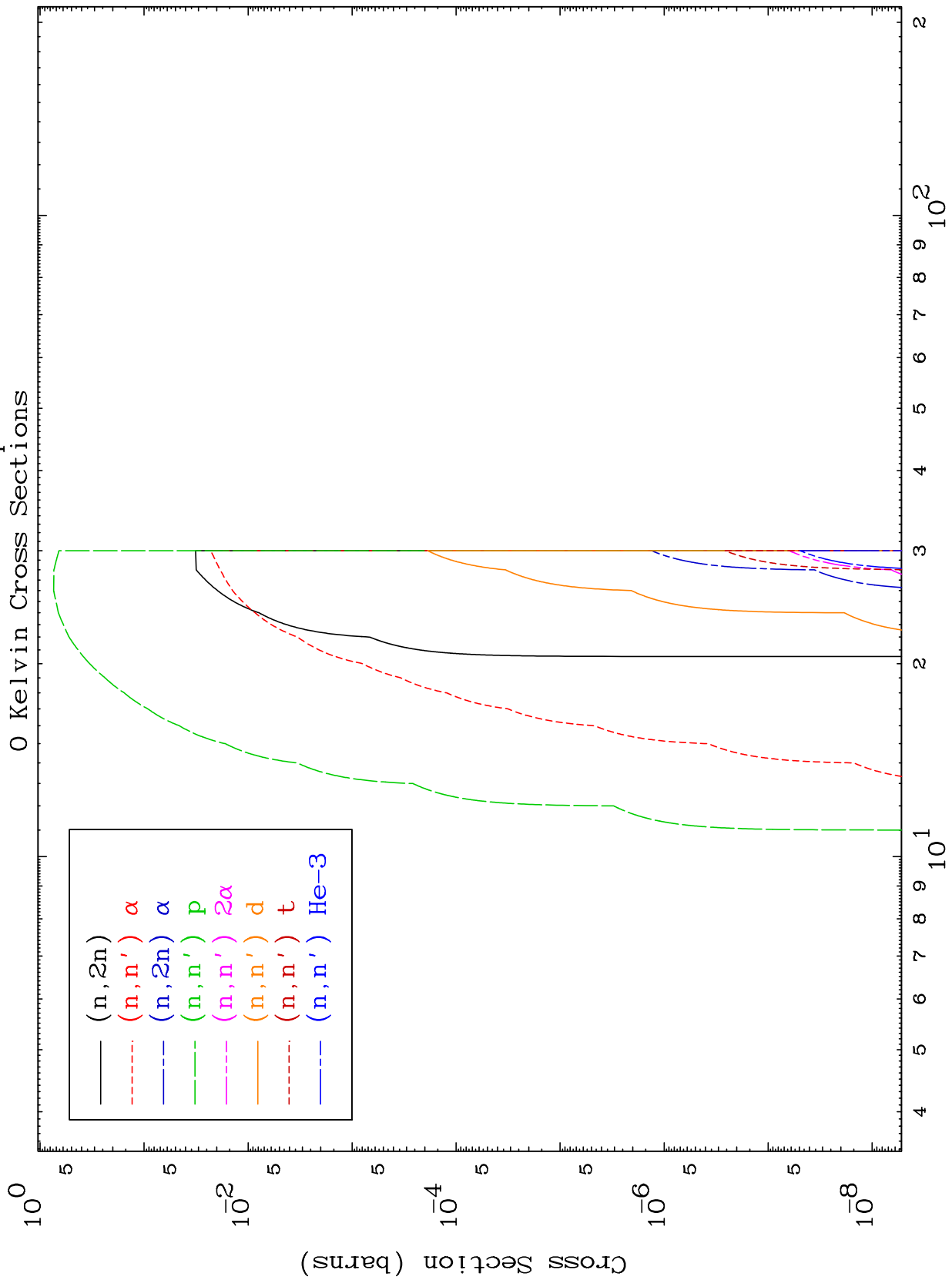
64-Gd-143m



MAT 6399

Proton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-143m



64-Gd-143m

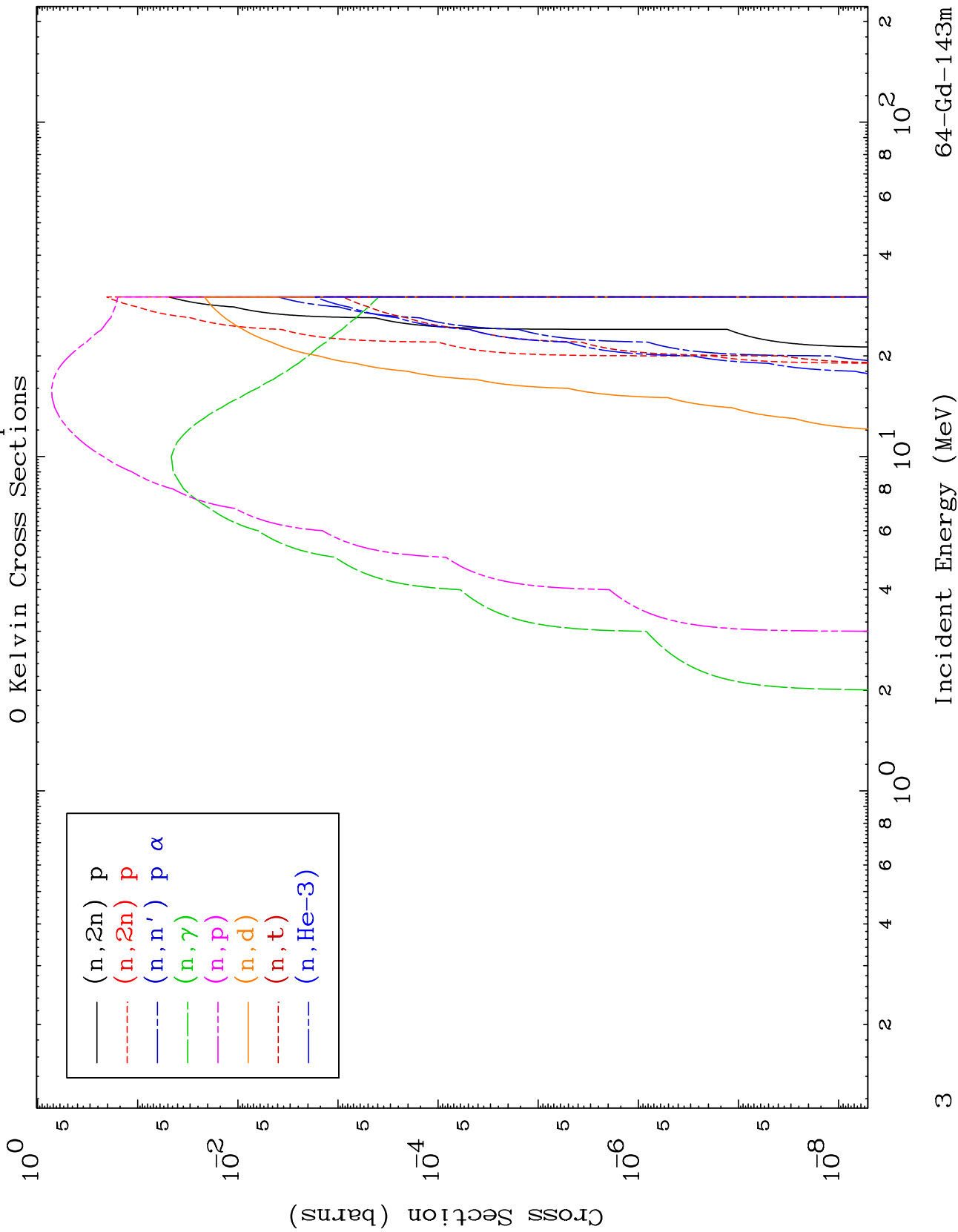
Incident Energy (MeV)

2

MAT 6399

Proton Neutron Absorption
0 Kelvin Cross Sections

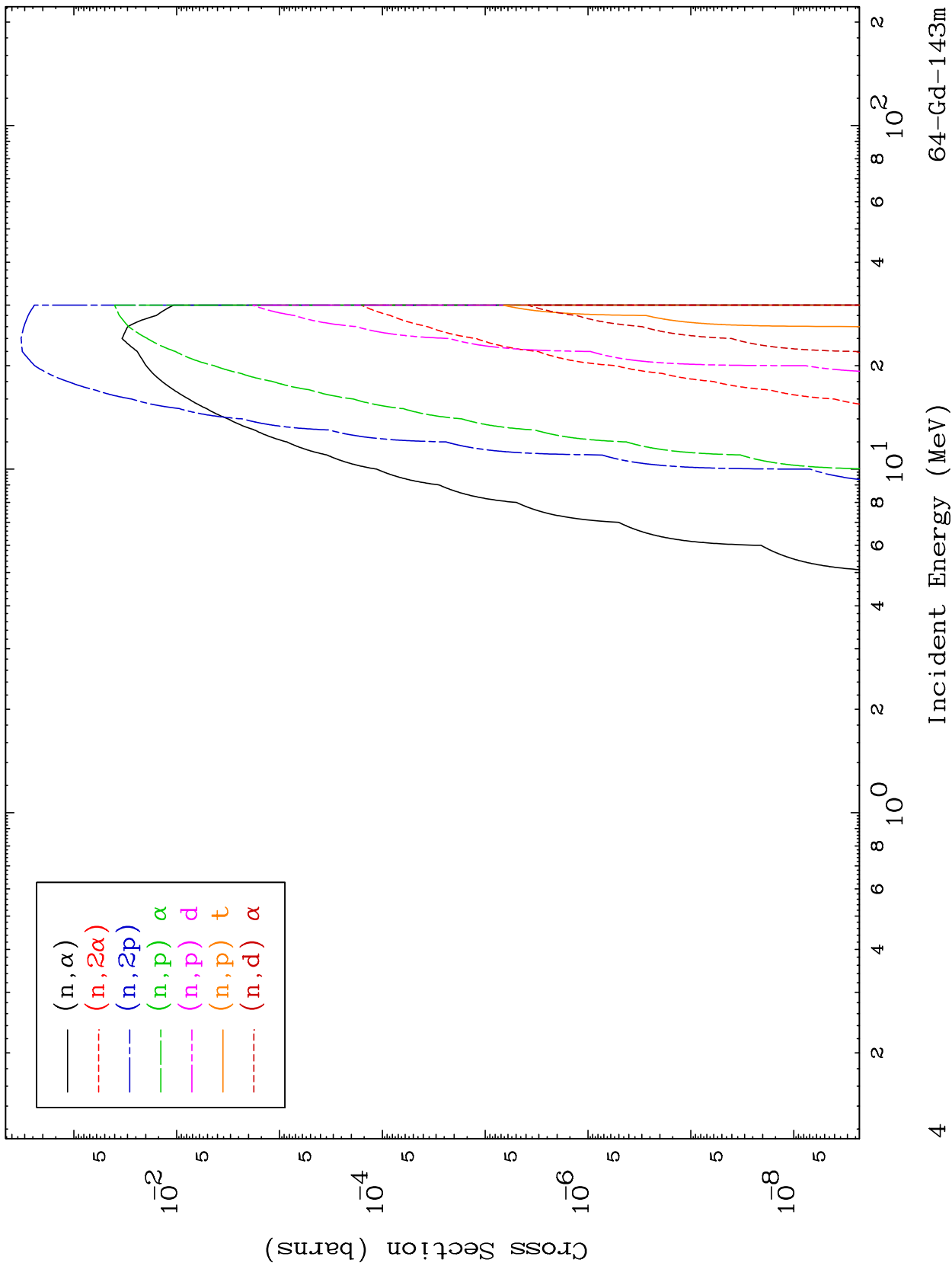
64-Gd-143m



MAT 6399

Proton Neutron Absorption
0 Kelvin Cross Sections

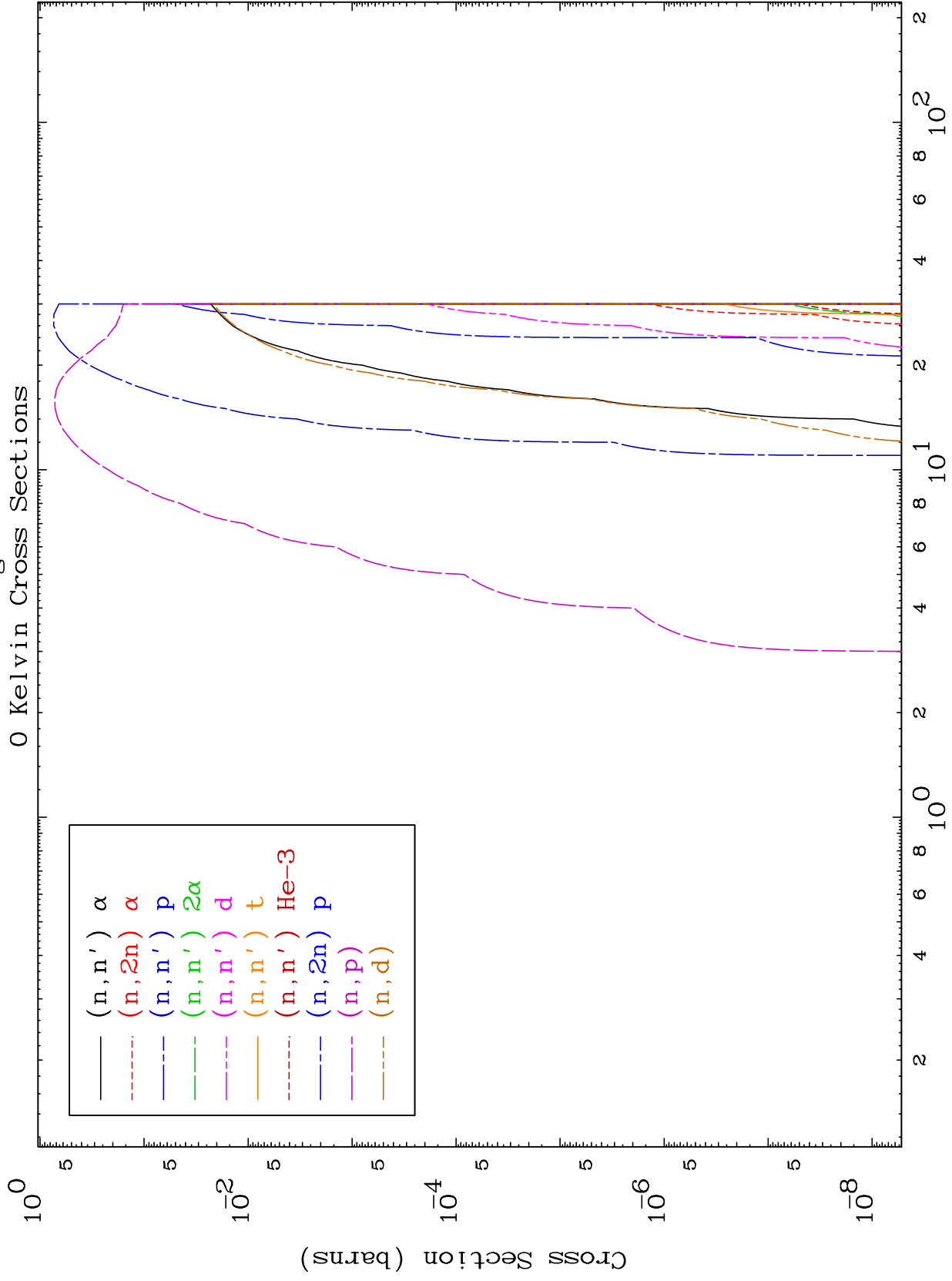
64-Gd-143m



MAT 6399

Proton Charged Particle
0 Kelvin Cross Sections

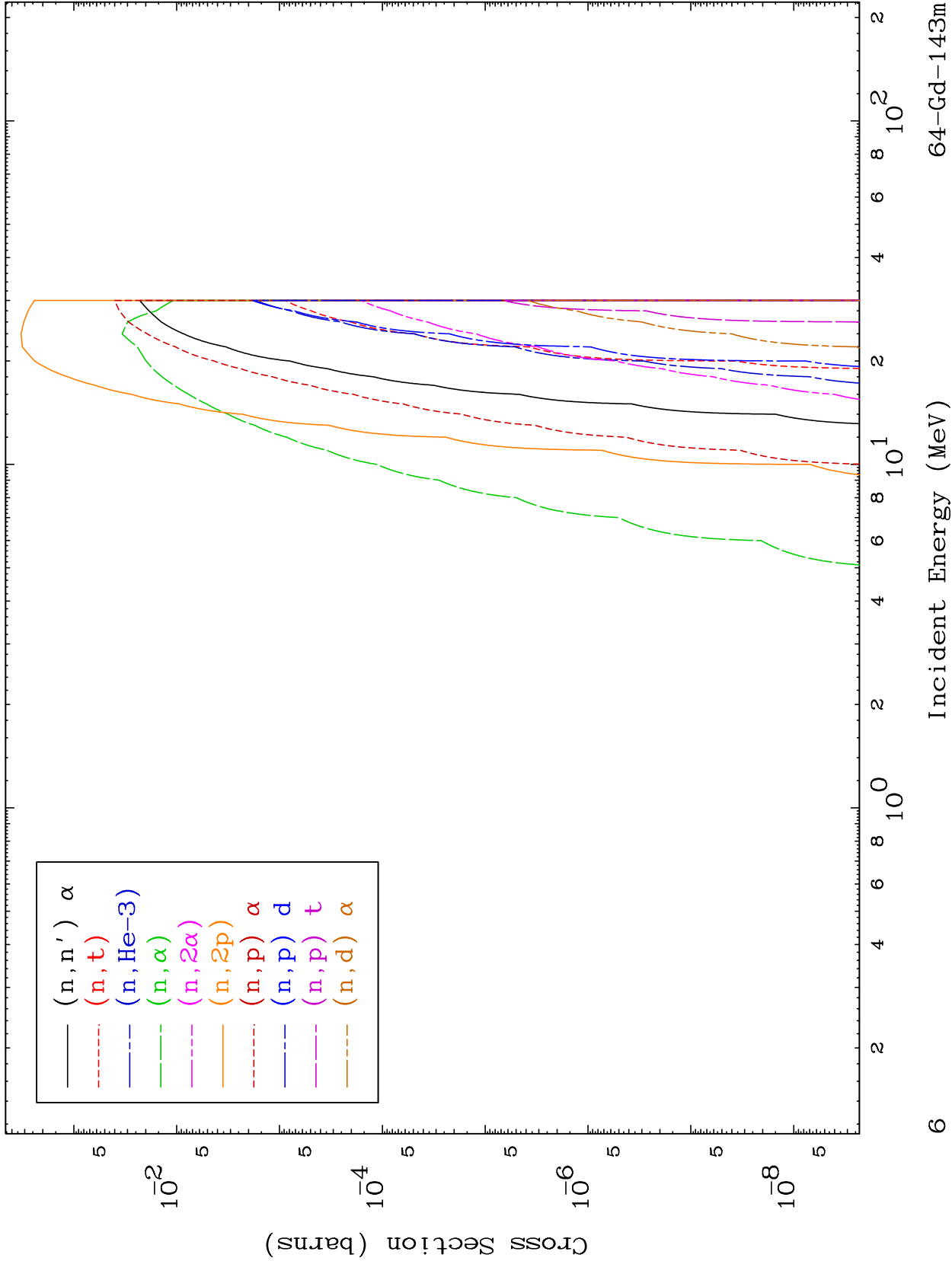
64-Gd-143m



MAT 6399

Proton Charged Particle
0 Kelvin Cross Sections

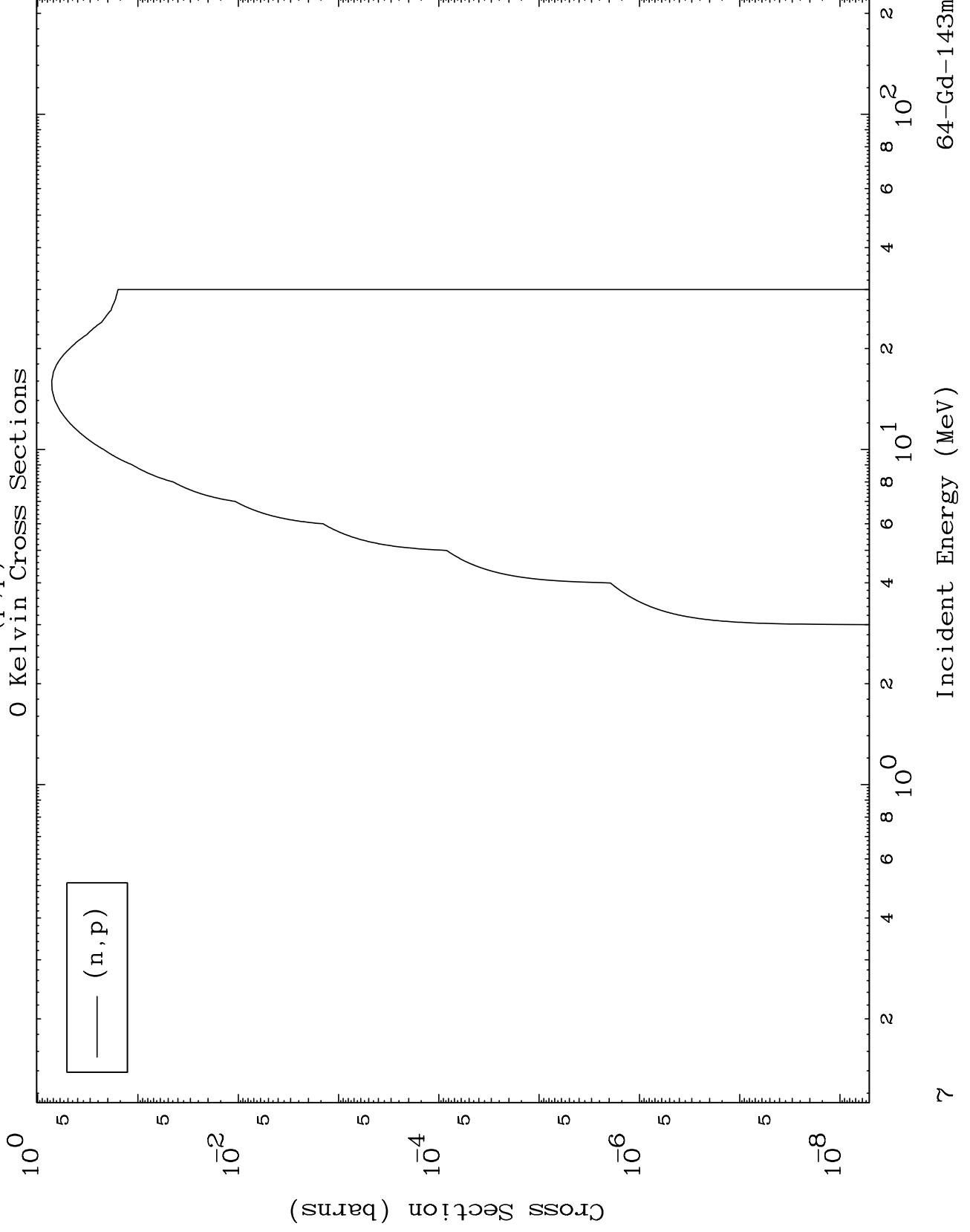
64-Gd-143m



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(p,p) Levels

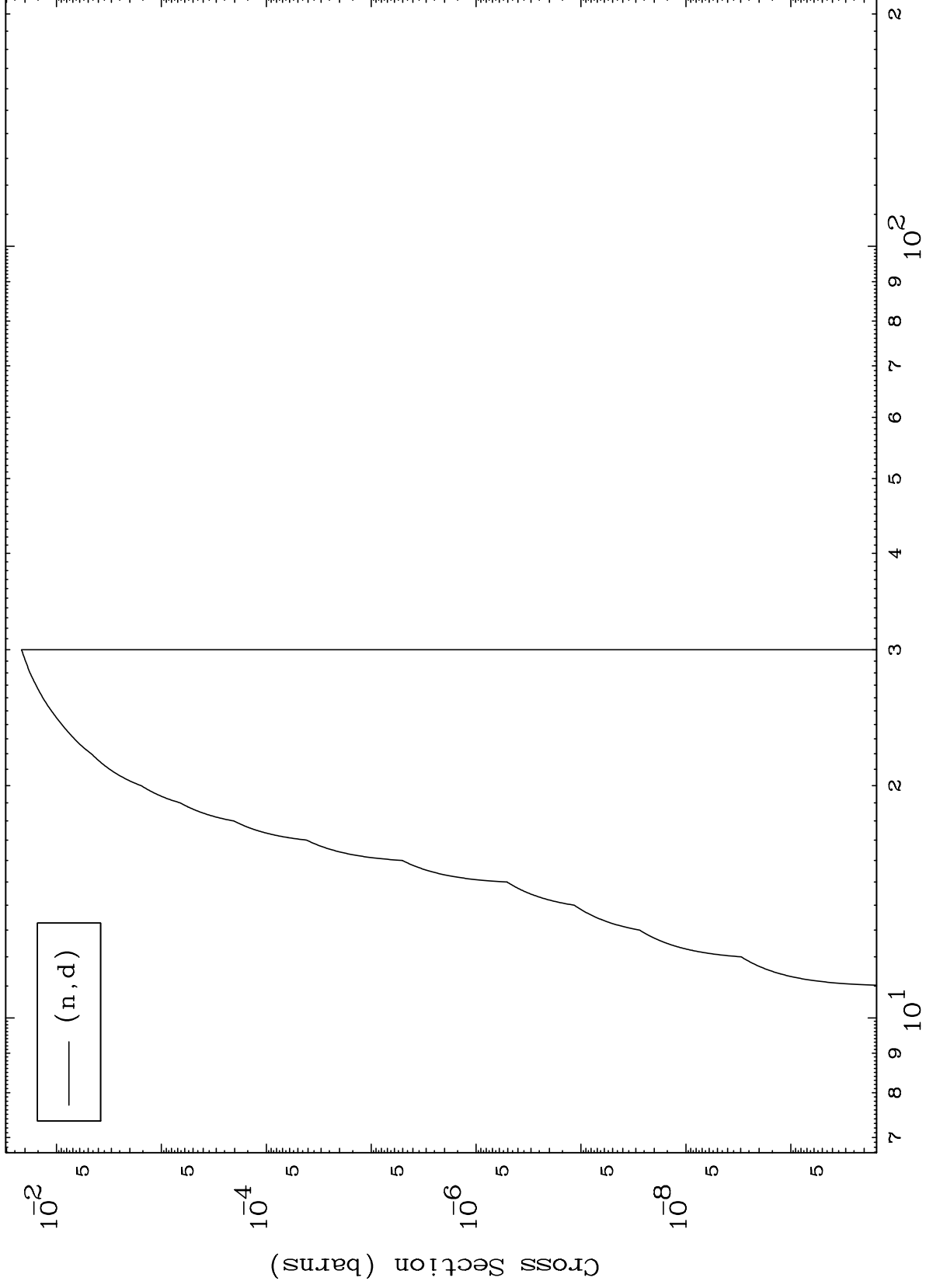
64-Gd-143m



MAT 6399

(p,d) Levels
0 Kelvin Cross Sections

64-Gd-143m



8

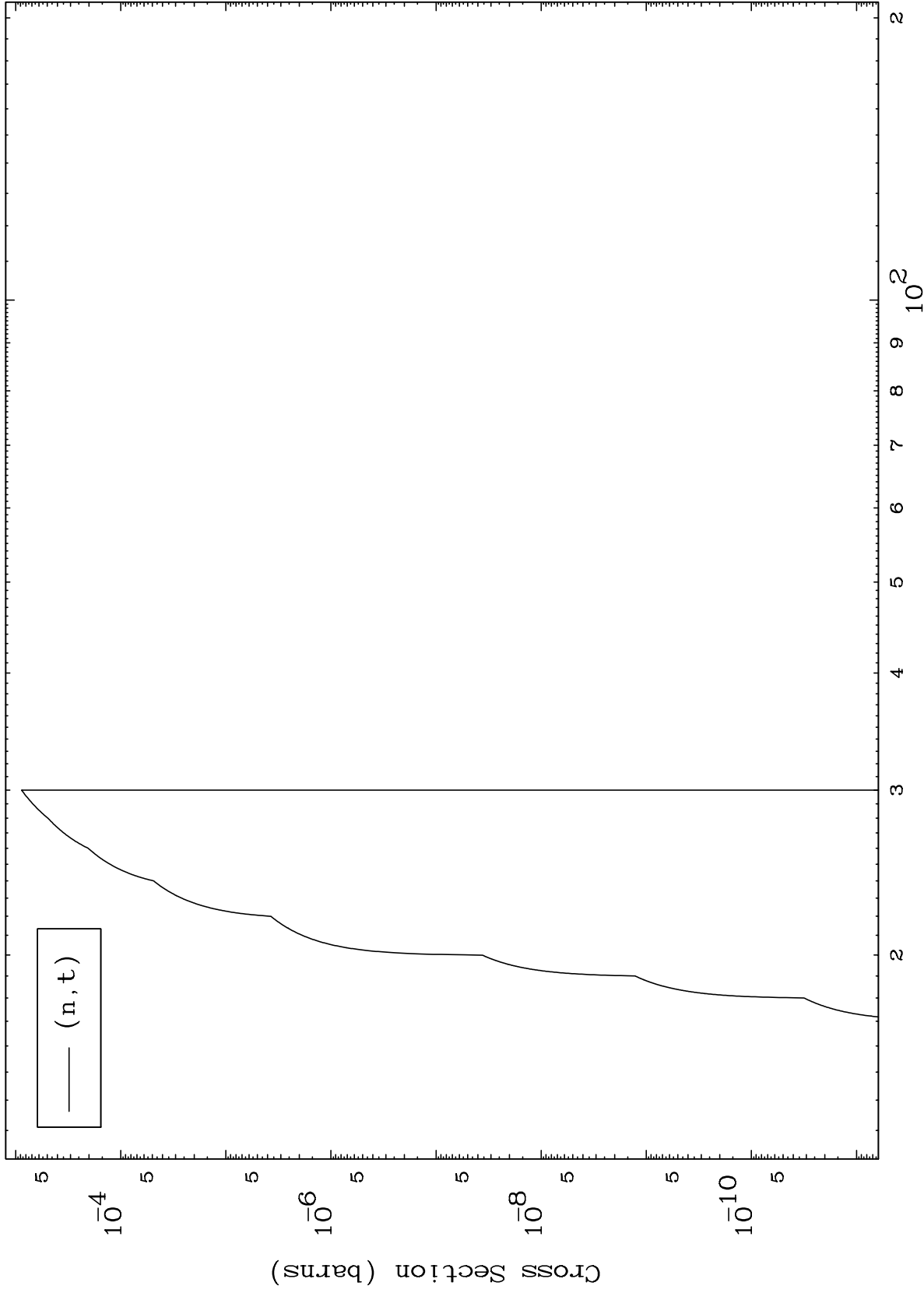
Incident Energy (MeV)

64-Gd-143m

MAT 6399

(p,t) Levels
0 Kelvin Cross Sections

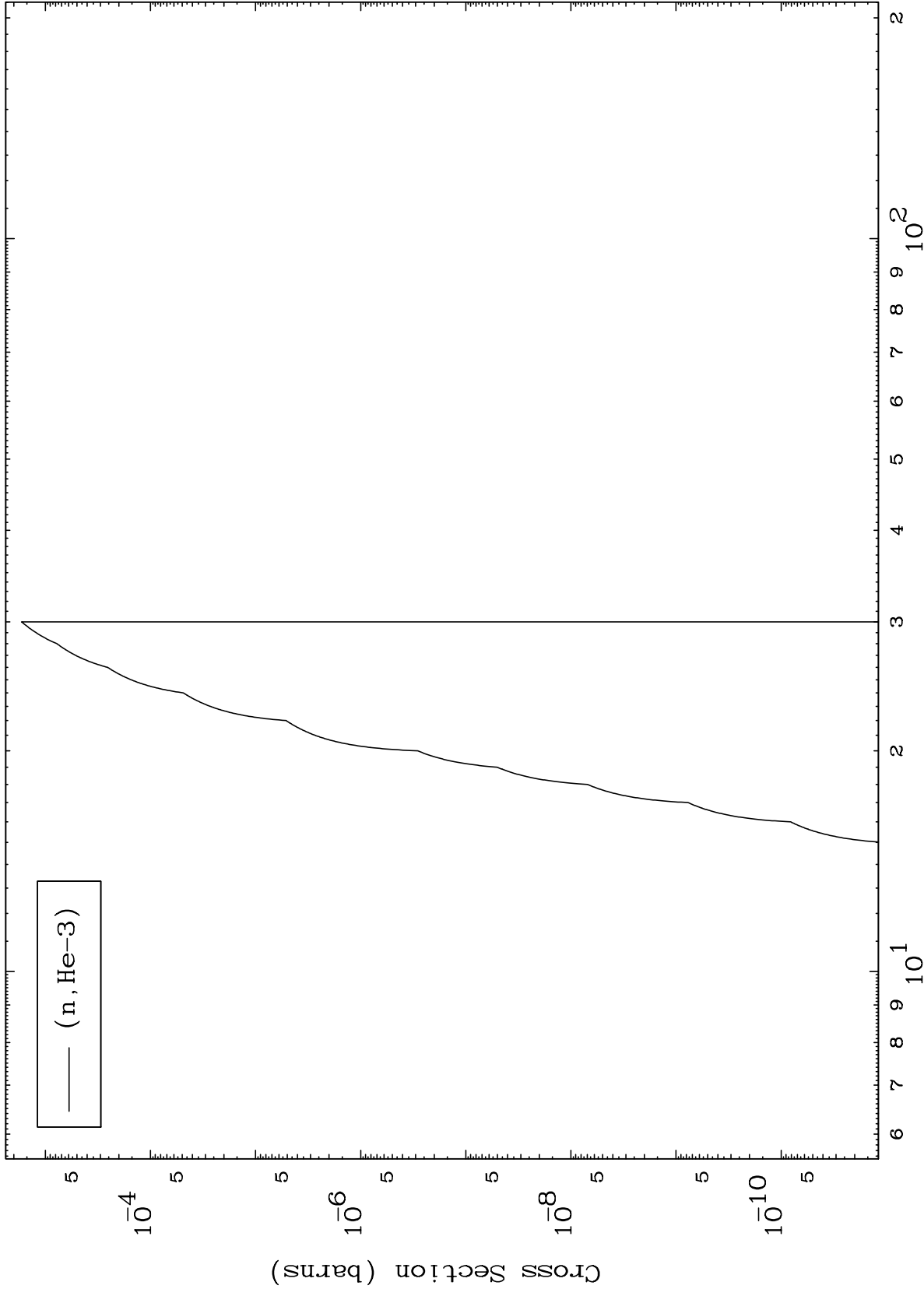
64-Gd-143m



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(p,He3) Levels
0 Kelvin Cross Sections

64-Gd-143m



10

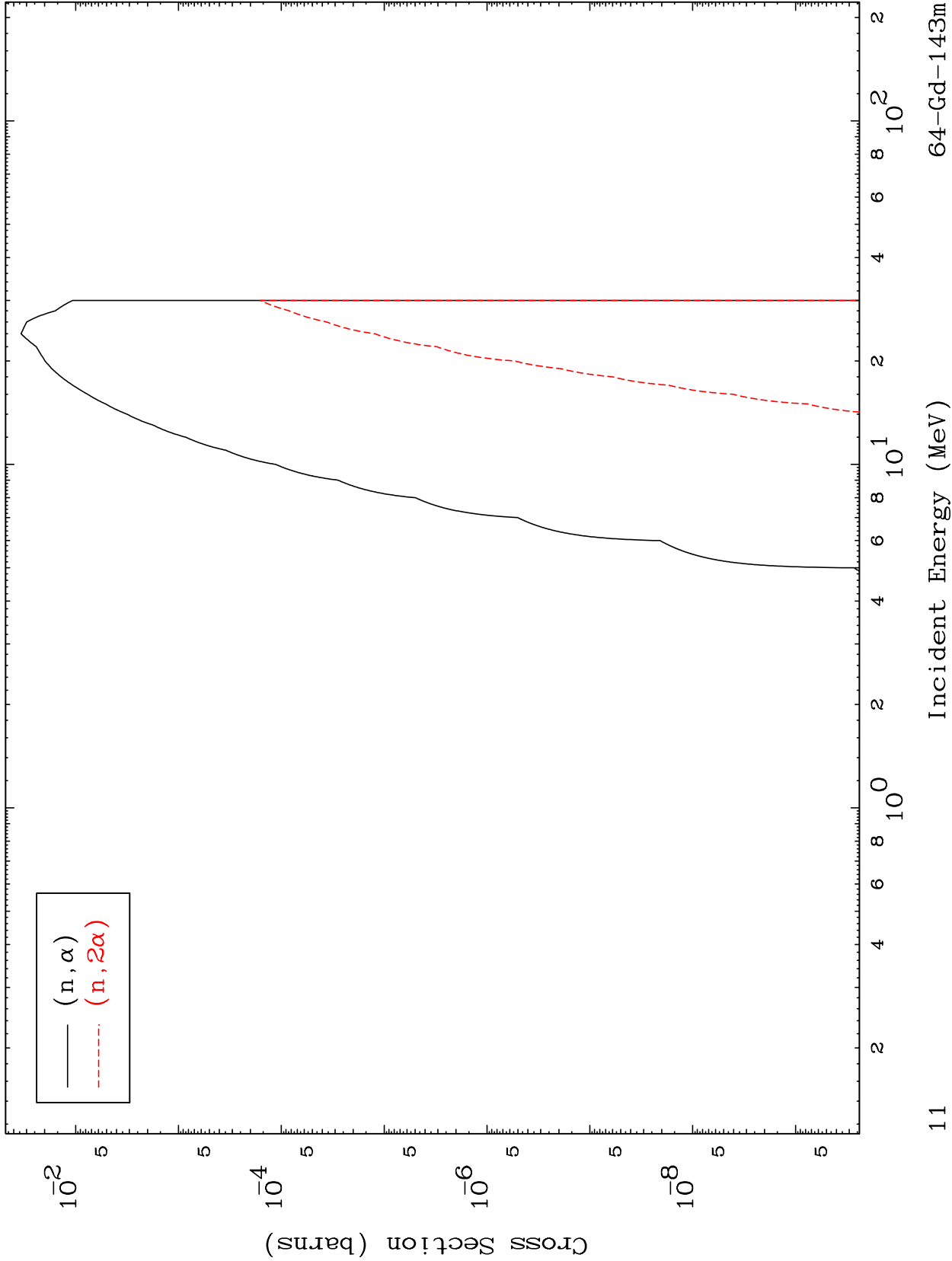
Incident Energy (MeV)

64-Gd-143m

MAT 6399

(p, α) Levels
0 Kelvin Cross Sections

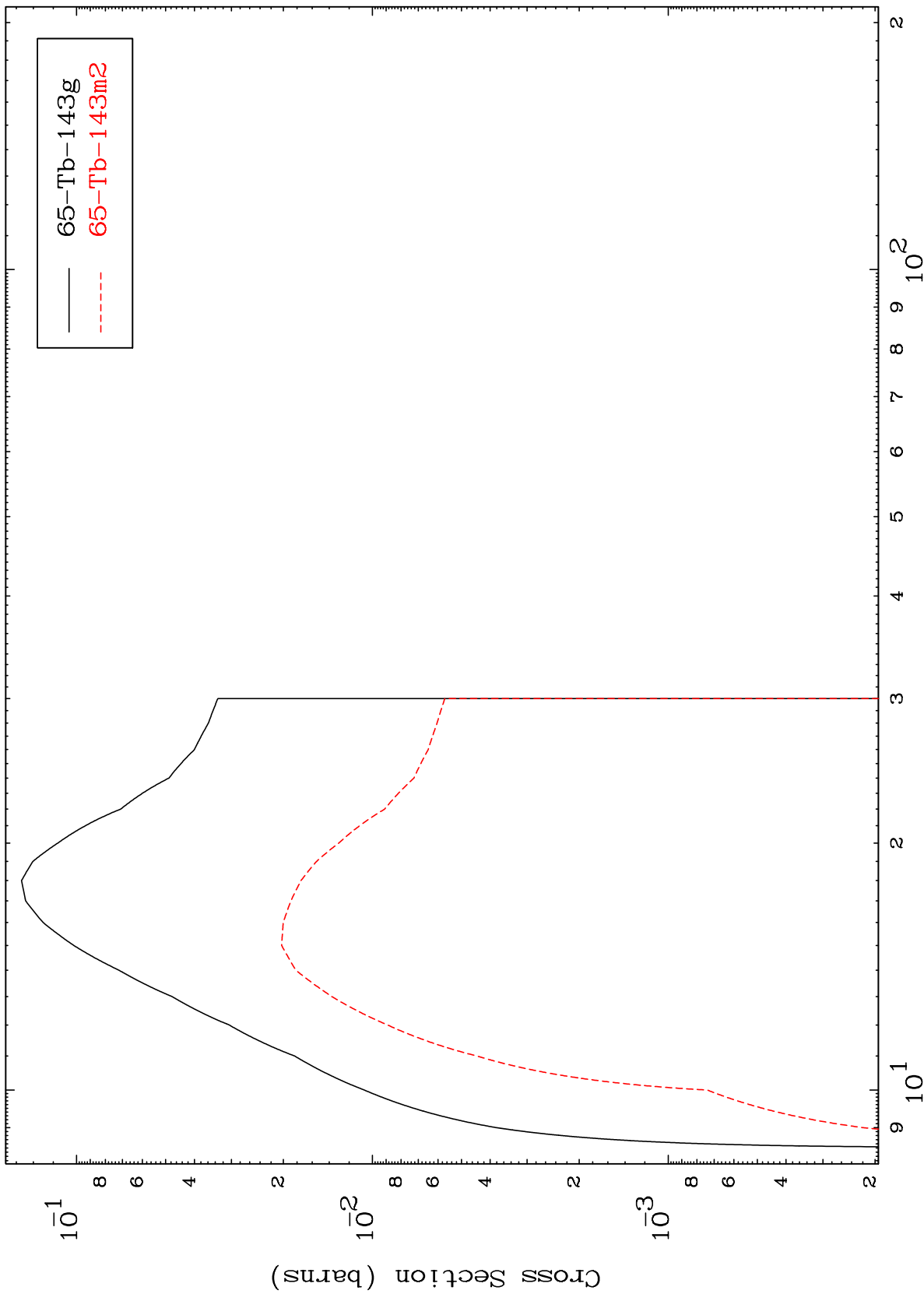
$^{64}\text{Gd}-143\text{m}$



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64-Gd-143m

Inelastic
Radionuclide Production Cross Section



64-Gd-143m

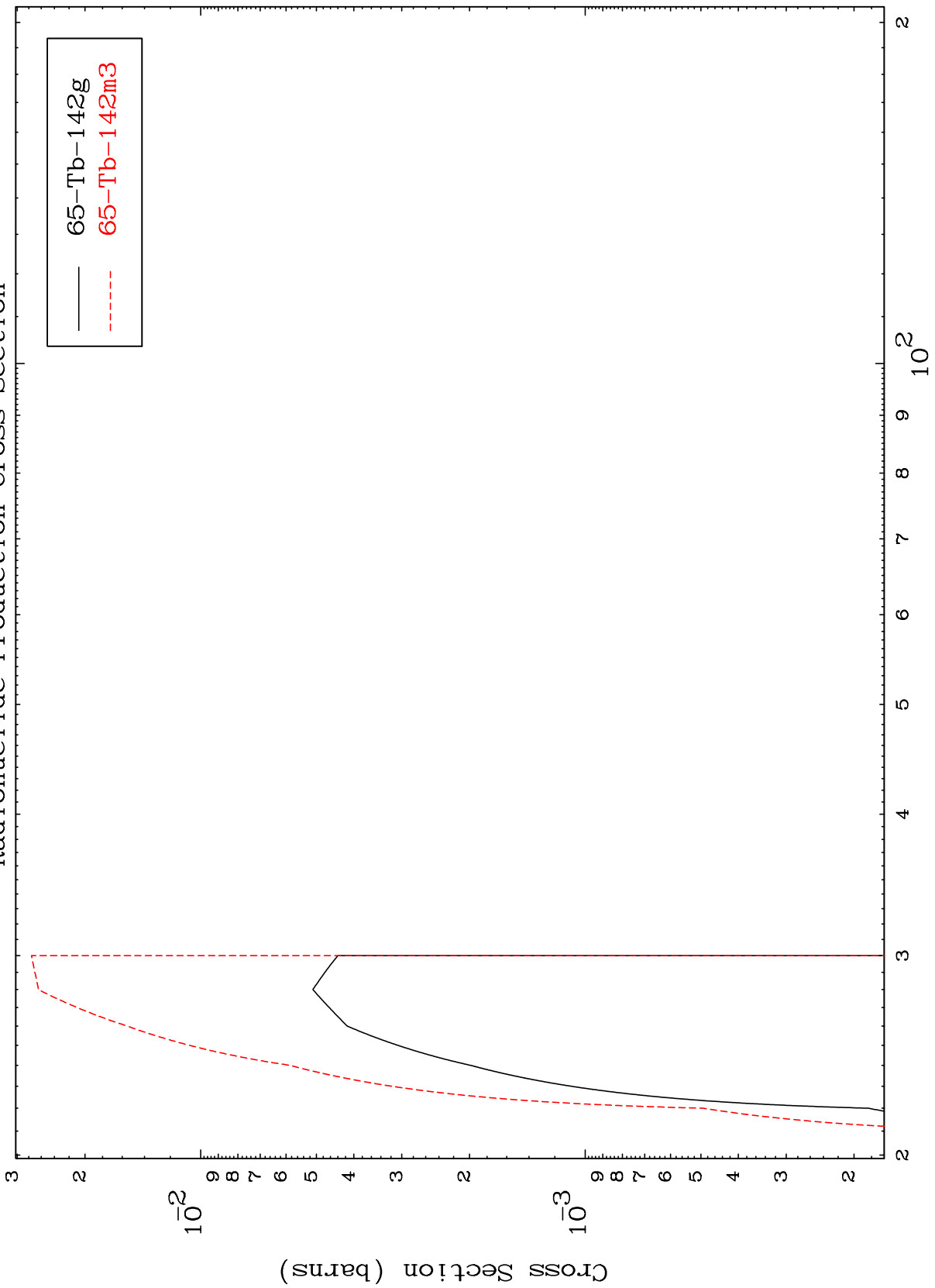
Incident Energy (MeV)

12

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64-Gd-143m

(n,2n)
Radionuclide Production Cross Section



64-Gd-143m

Incident Energy (MeV)

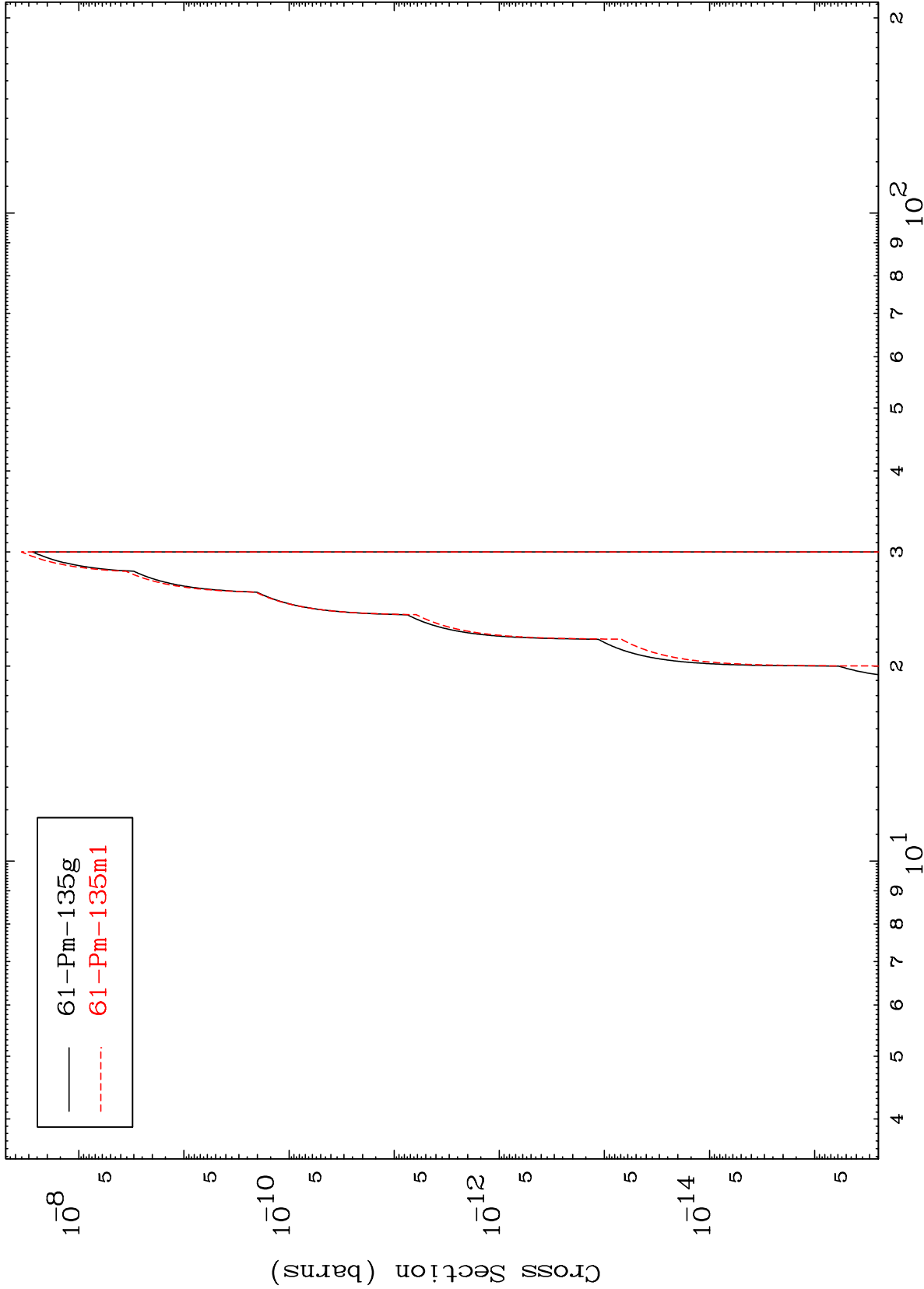
13

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(n,n') 2 α

64-Gd-143m

Radionuclide Production Cross Section



14

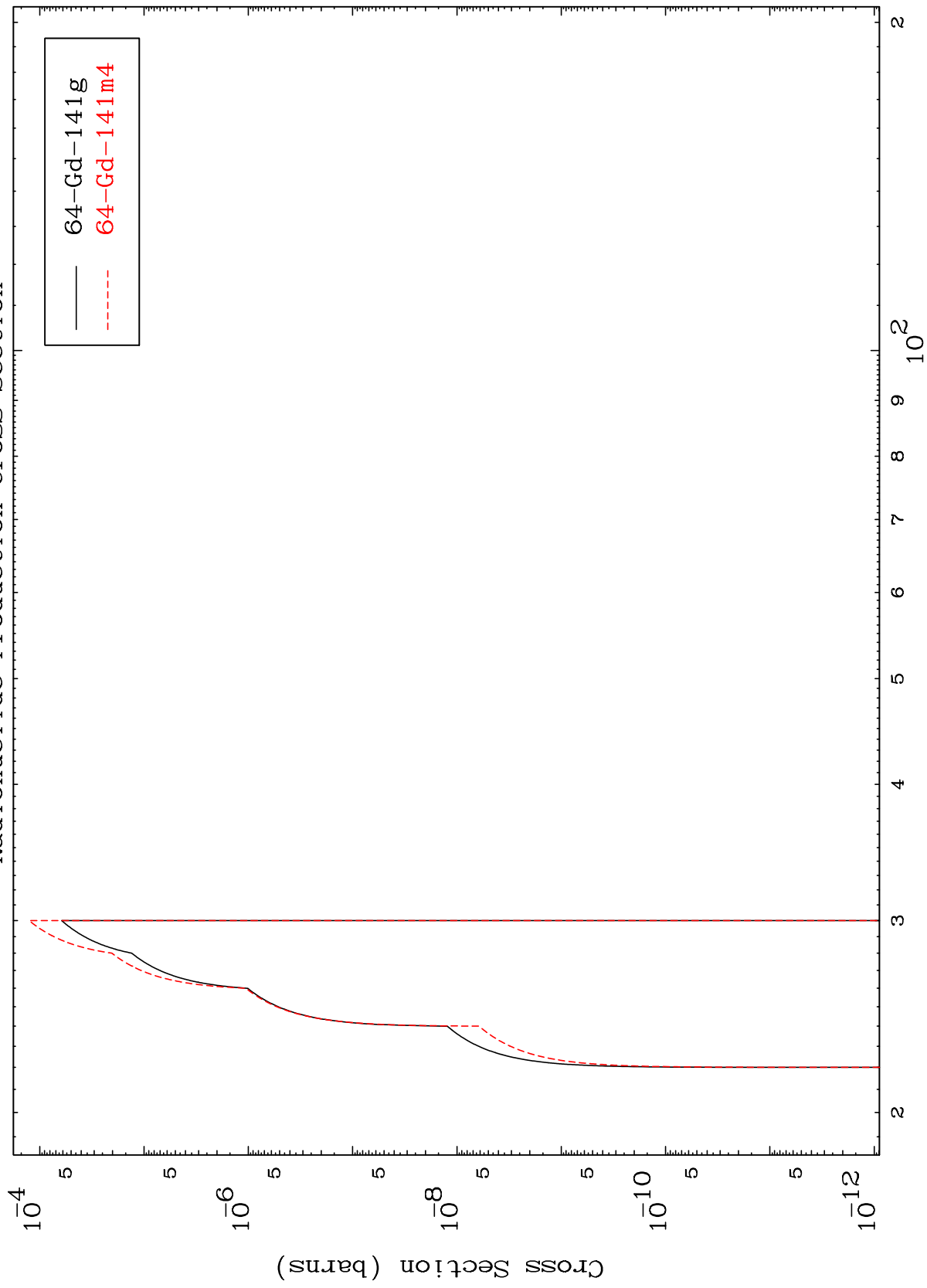
Incident Energy (MeV)

64-Gd-143m

MAT 6399

64-Gd-143m

(n,n') d
Radionuclide Production Cross Section



15

Incident Energy (MeV)

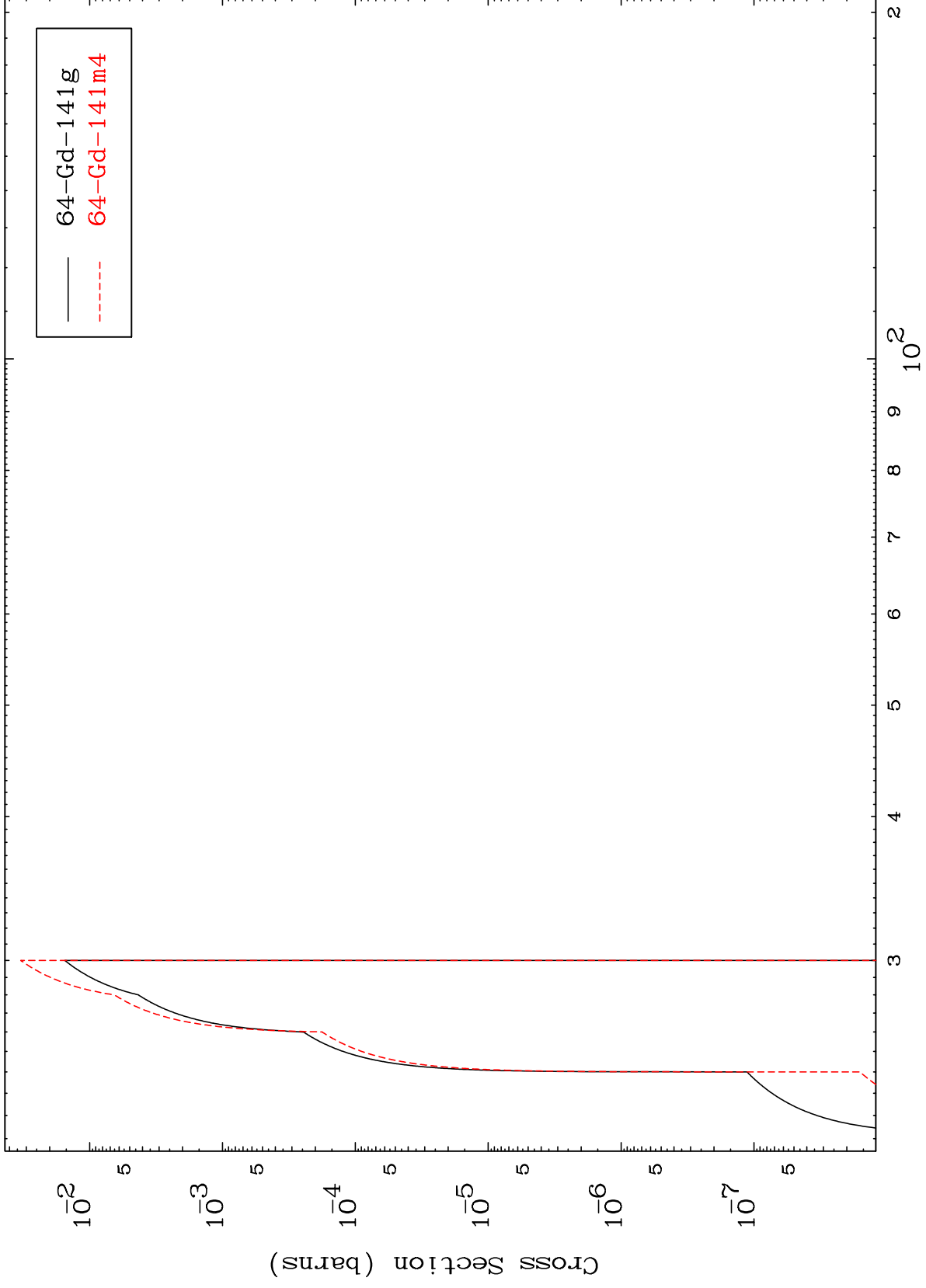
64-Gd-143m

MAT 6399

(n,2n) p

64-Gd-143m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

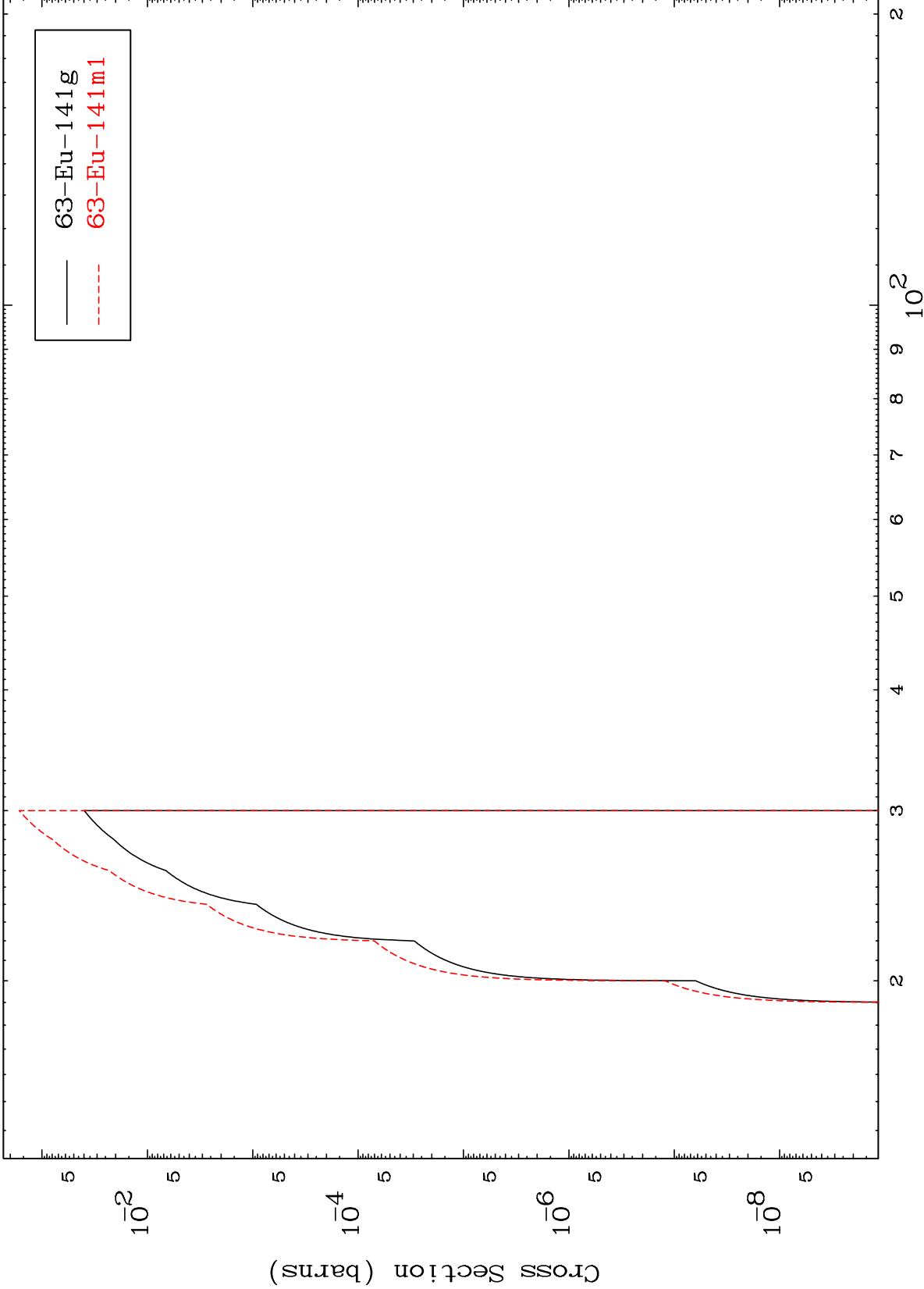
64-Gd-143m

MAT 6399

(n,2n) p

64-Gd-143m

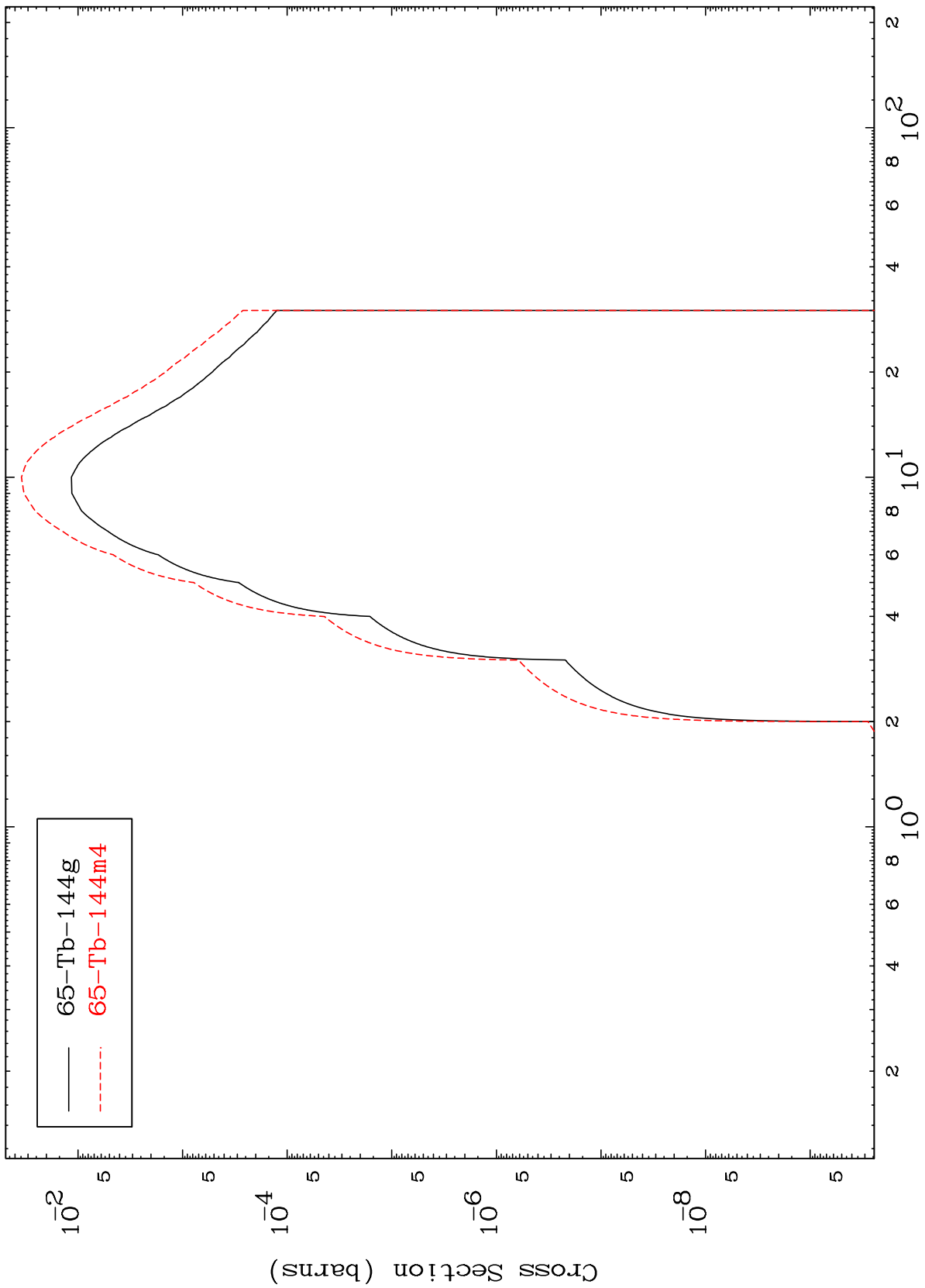
Radionuclide Production Cross Section



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64-Gd-143m

(n, γ)
Radionuclide Production Cross Section

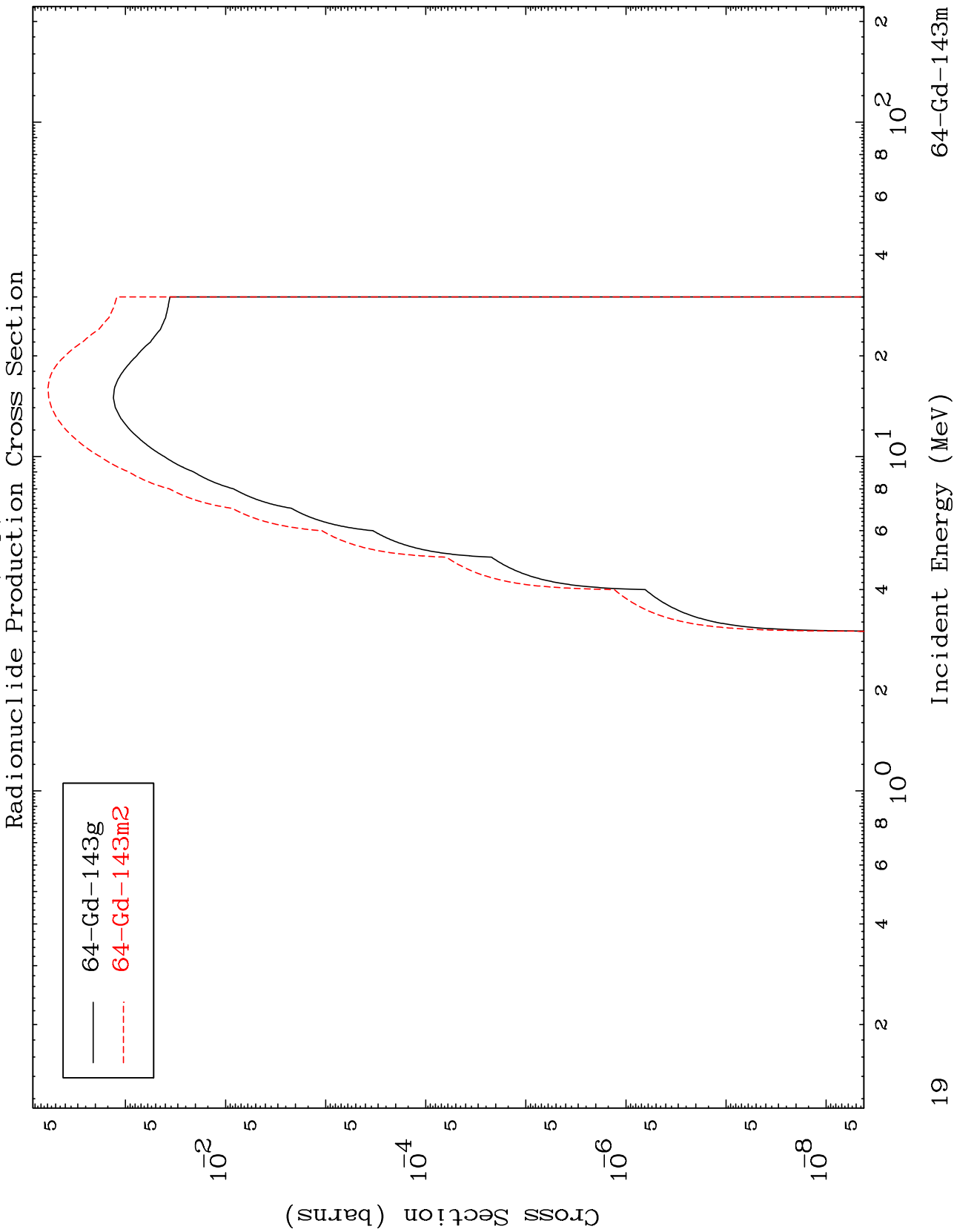


64-Gd-143m

Incident Energy (MeV)

MAT 6399

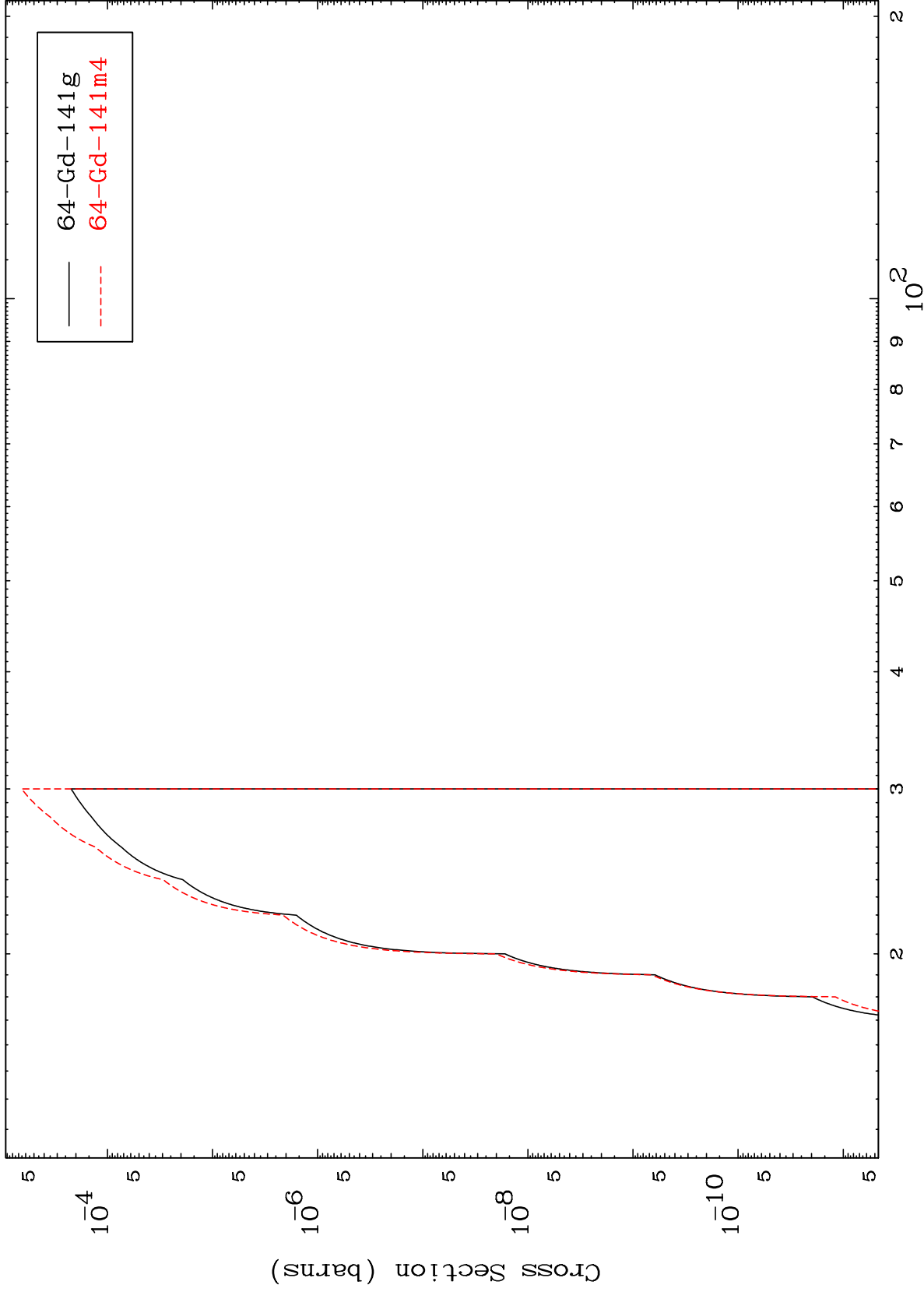
64-Gd-143m



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64-Gd-143m

(n, t)
Radionuclide Production Cross Section



20

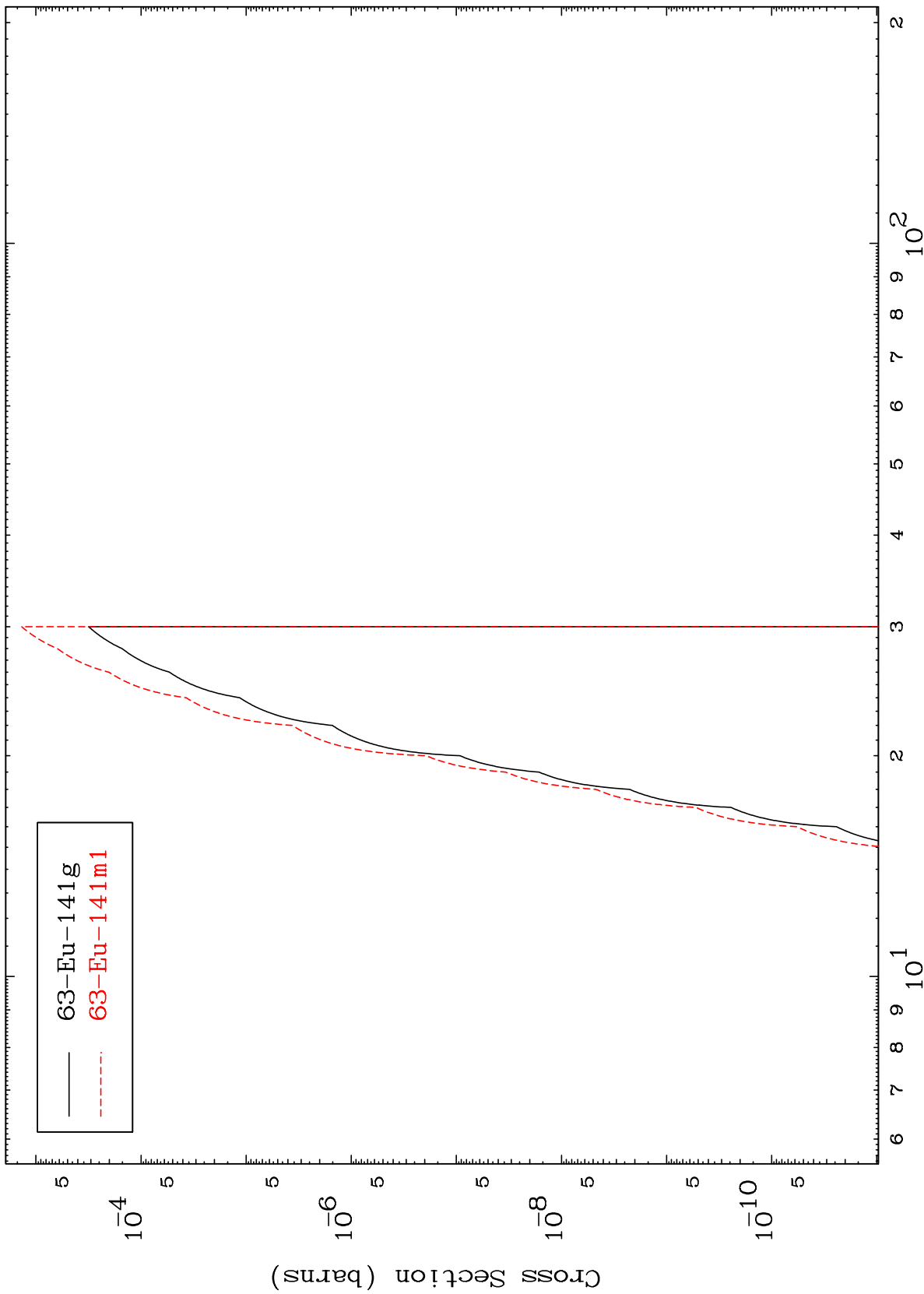
Incident Energy (MeV)

64-Gd-143m

MAT 6399

64-Gd-143m

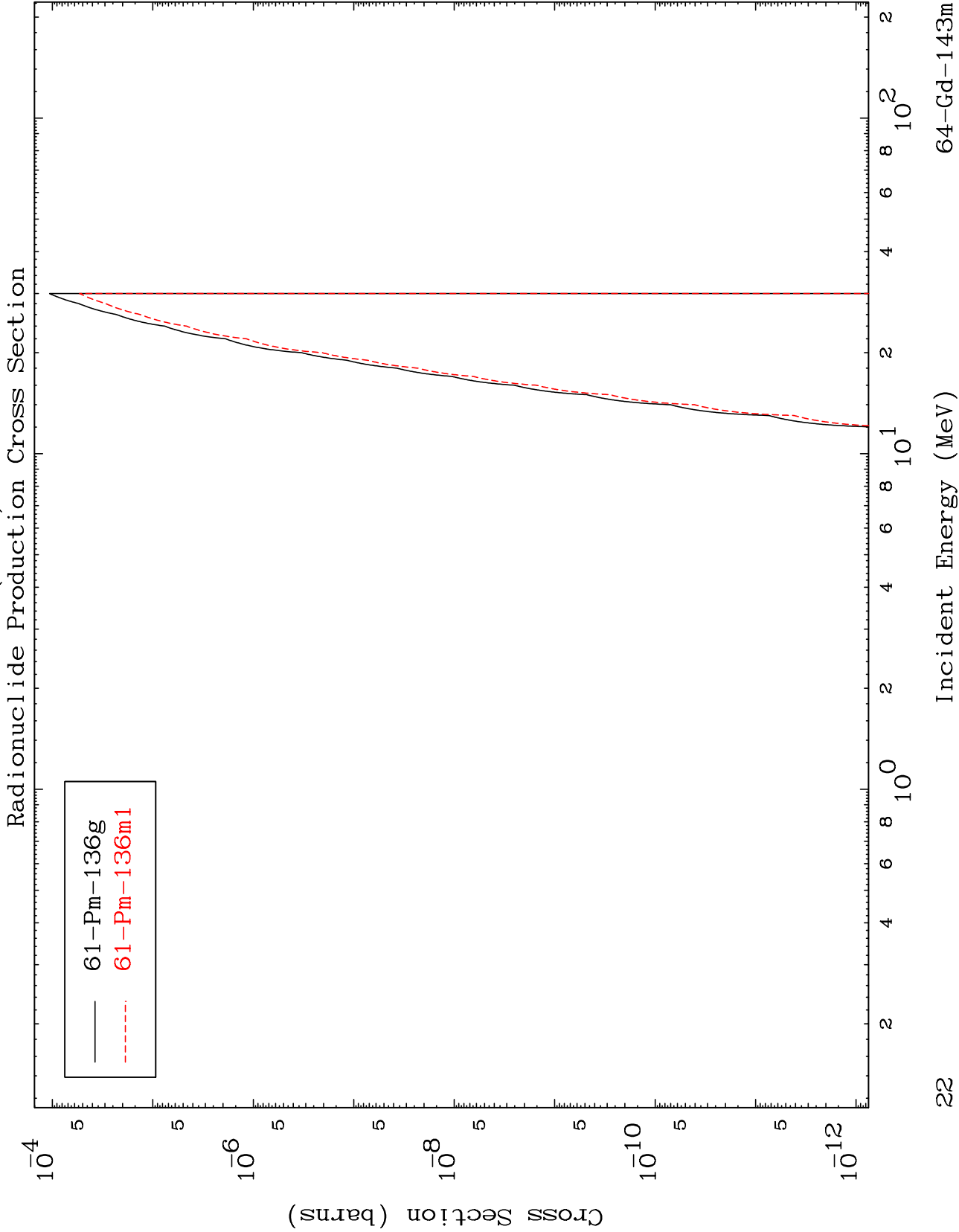
Radionuclide Production Cross Section (n,He-3)



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(n,2α)

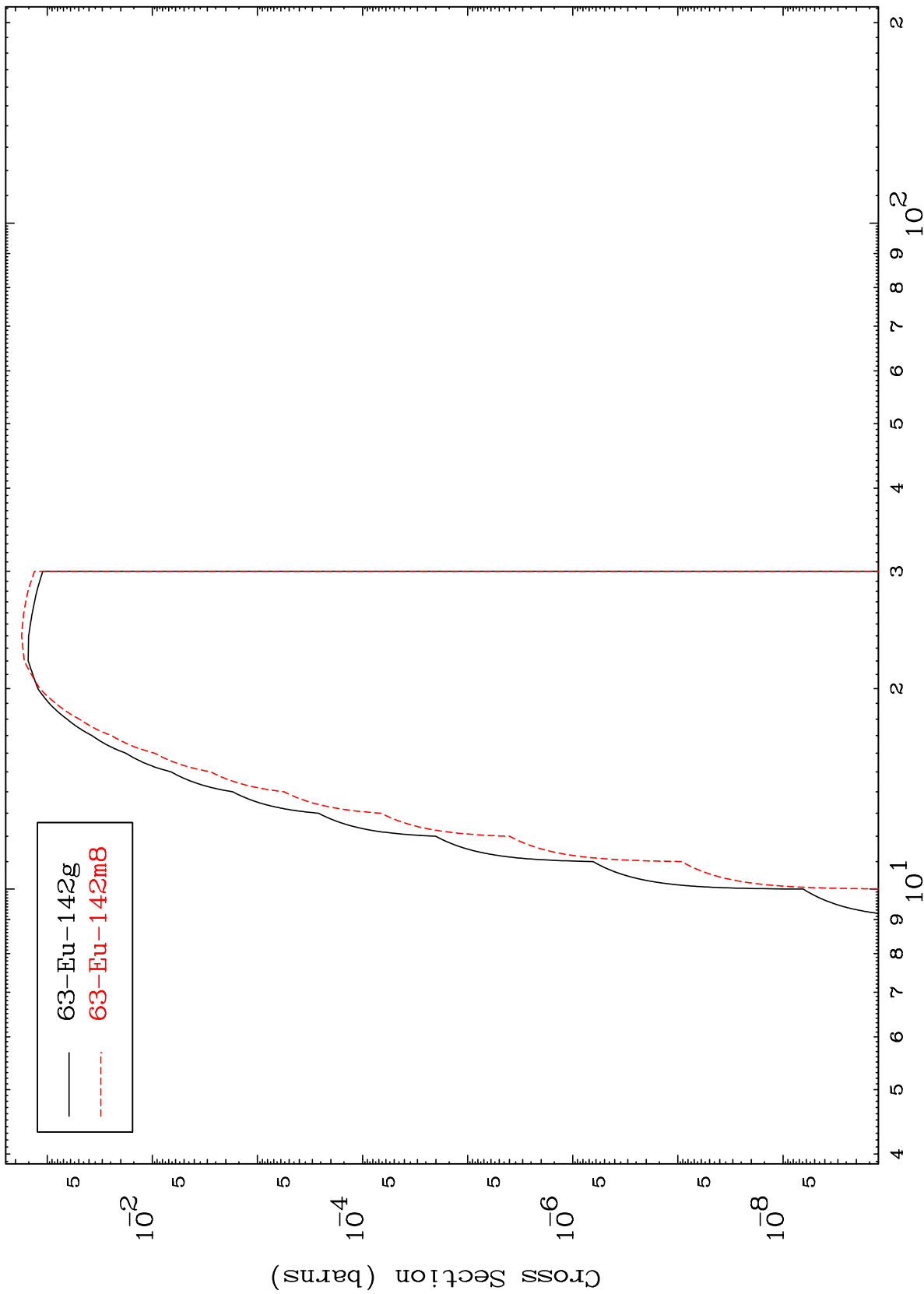
64-Gd-143m



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64-Gd-143m

(n,2p)
Radionuclide Production Cross Section



— 63-Eu-142g
- - - 63-Eu-142m8

Incident Energy (MeV)

64-Gd-143m

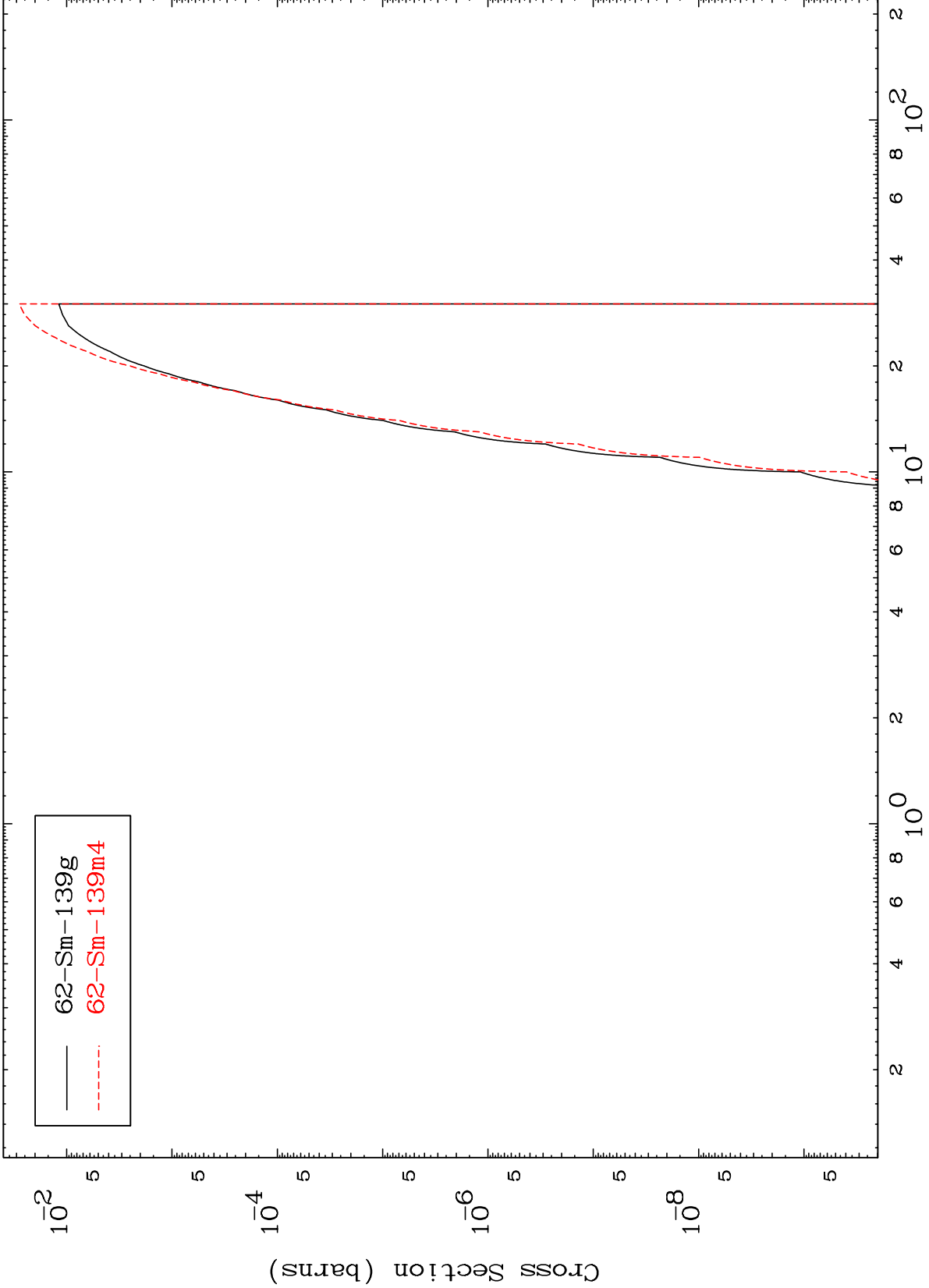
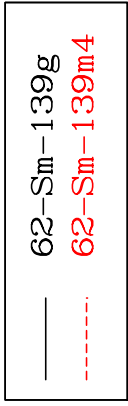
23

MAT 6399

(n,p) α

64-Gd-143m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

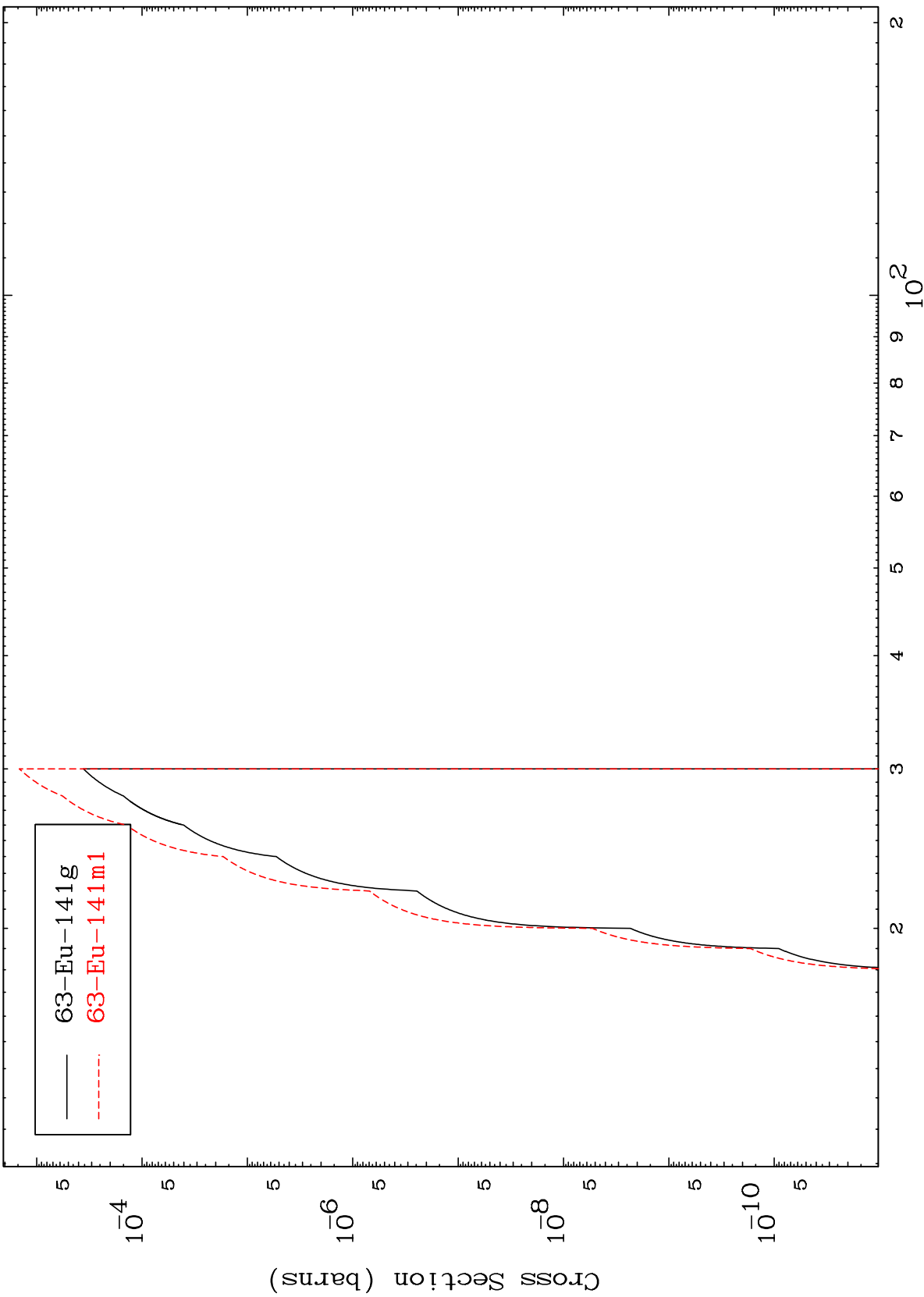
64-Gd-143m

MAT 6399

(n,p) d

64-Gd-143m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

64-Gd-143m