

Program EVALPLOT
(Version 2021-1)

by

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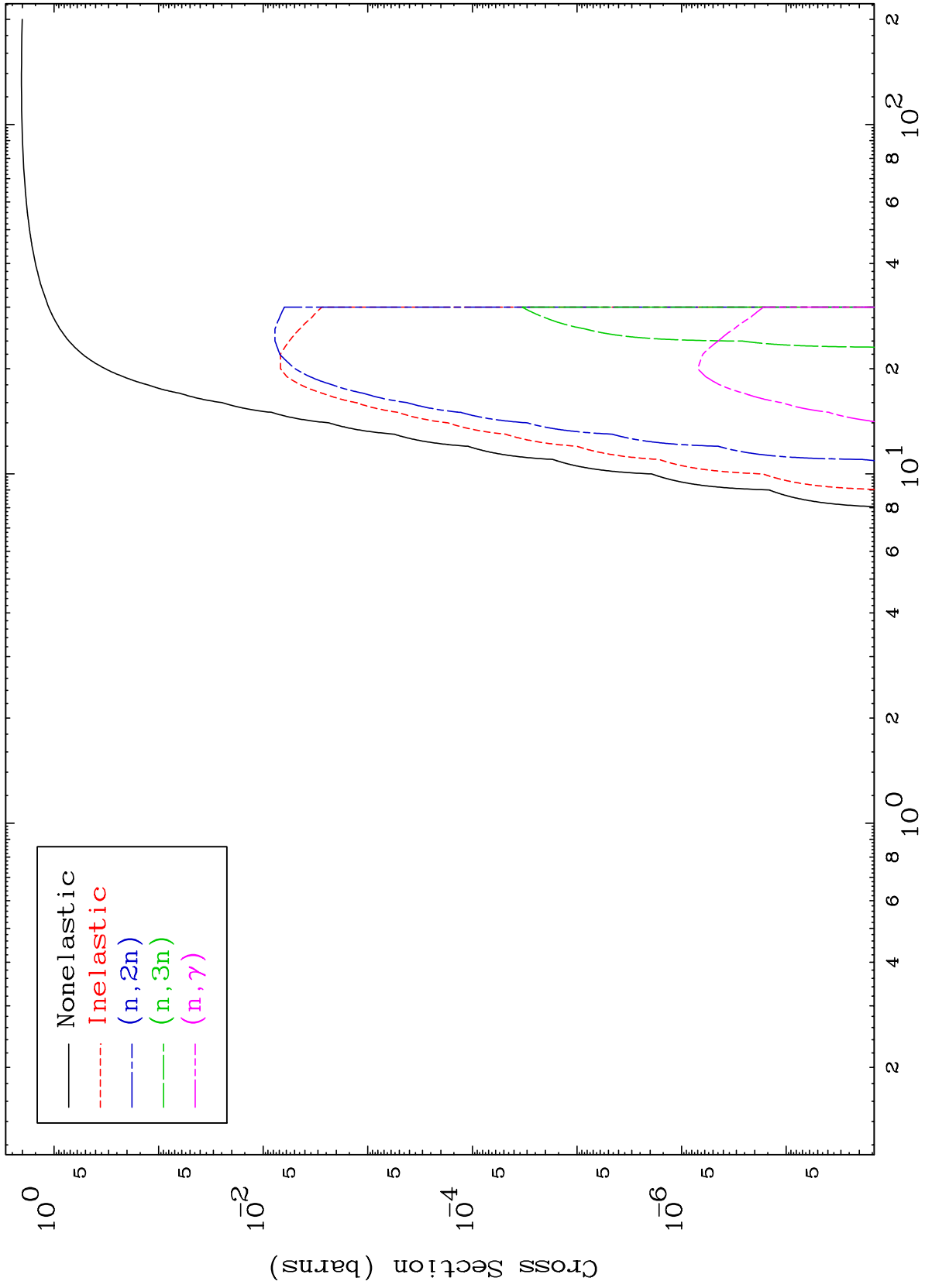
Press Mouse Button to Start

MAT 6304

He-3 Major

63-Eu-144

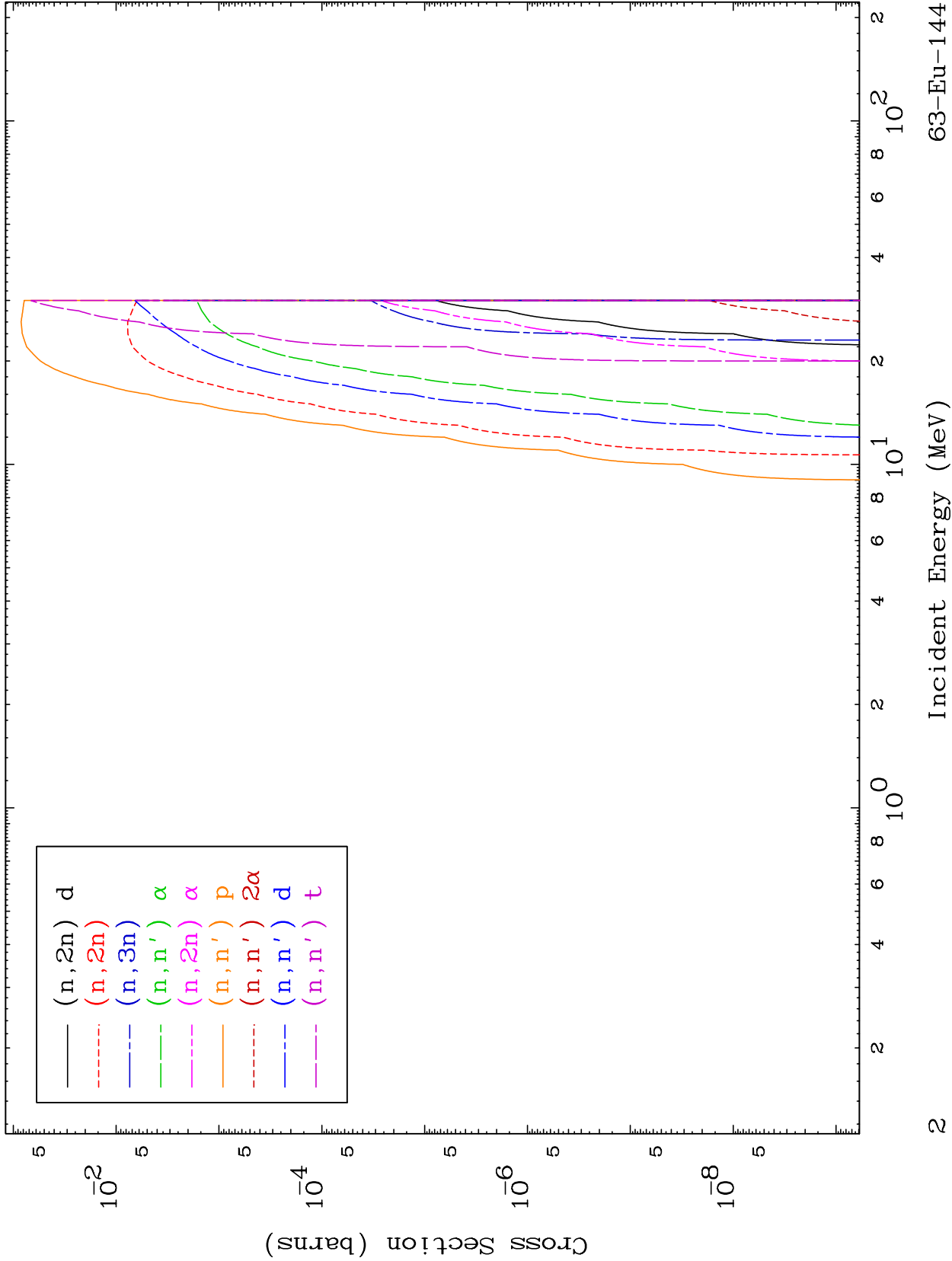
0 Kelvin Cross Sections



MAT 6304

He-3 Neutron Absorption
0 Kelvin Cross Sections

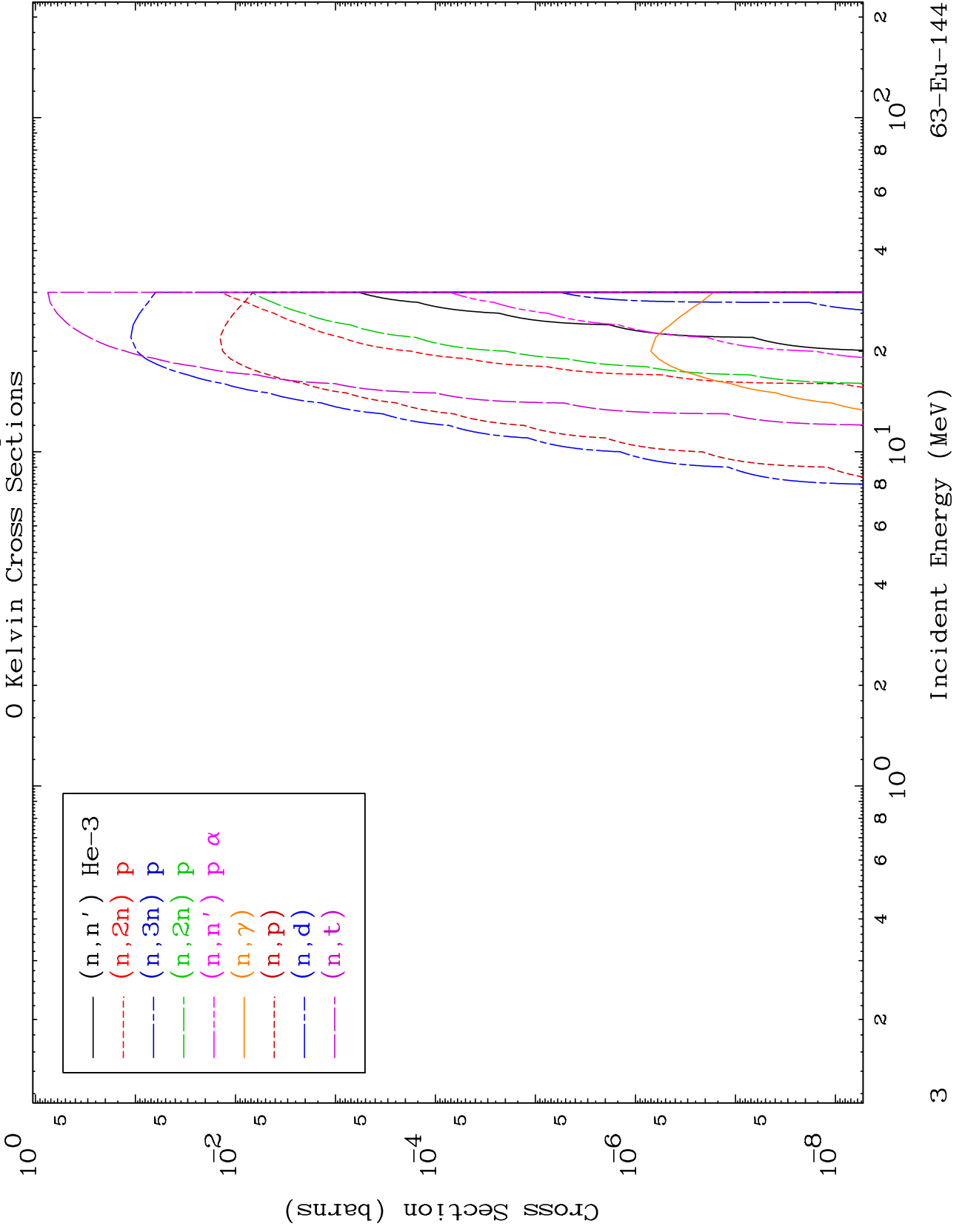
63-Eu-144

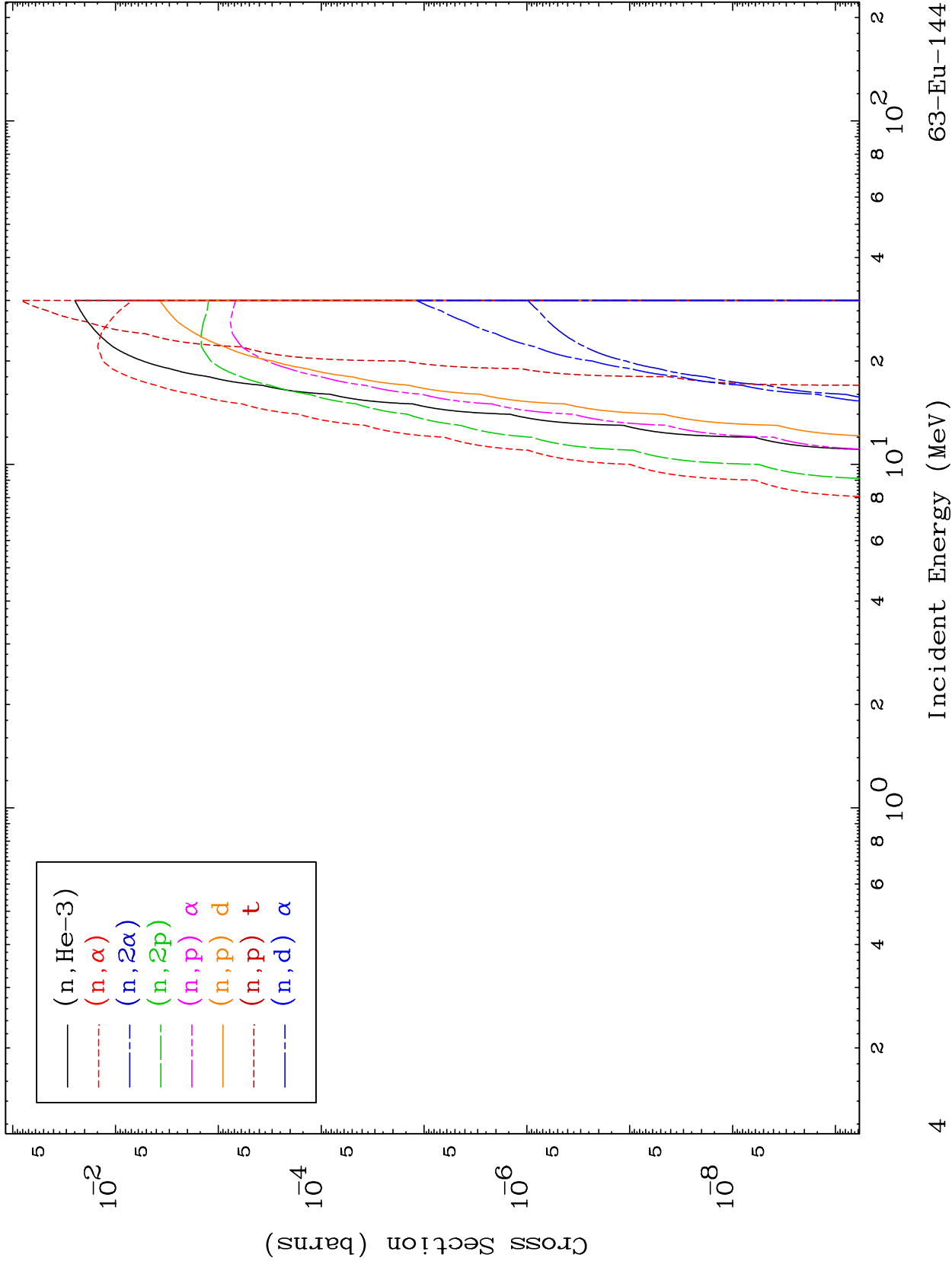


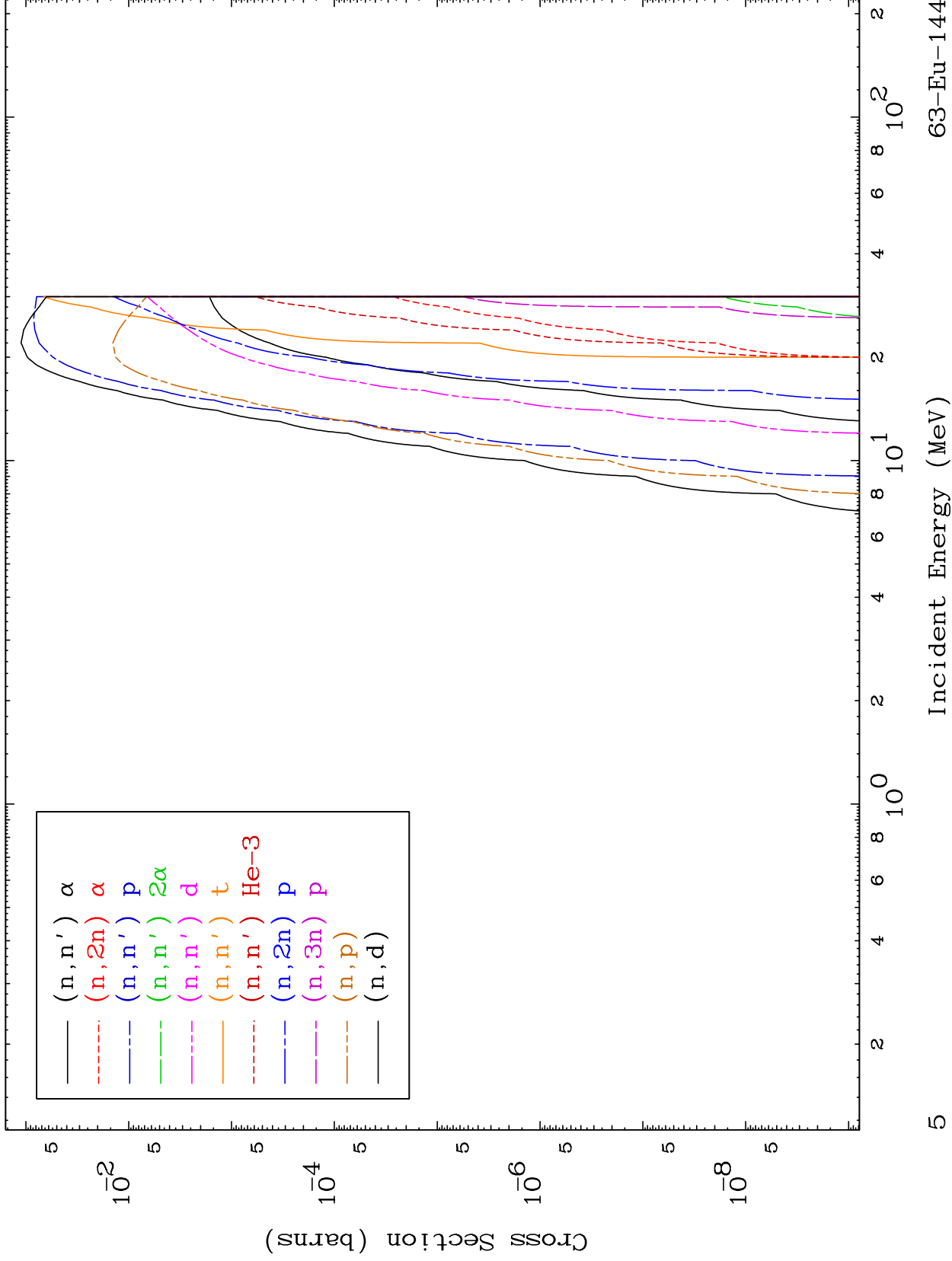
MAT 6304

He-3 Neutron Absorption
0 Kelvin Cross Sections

63-Eu-144



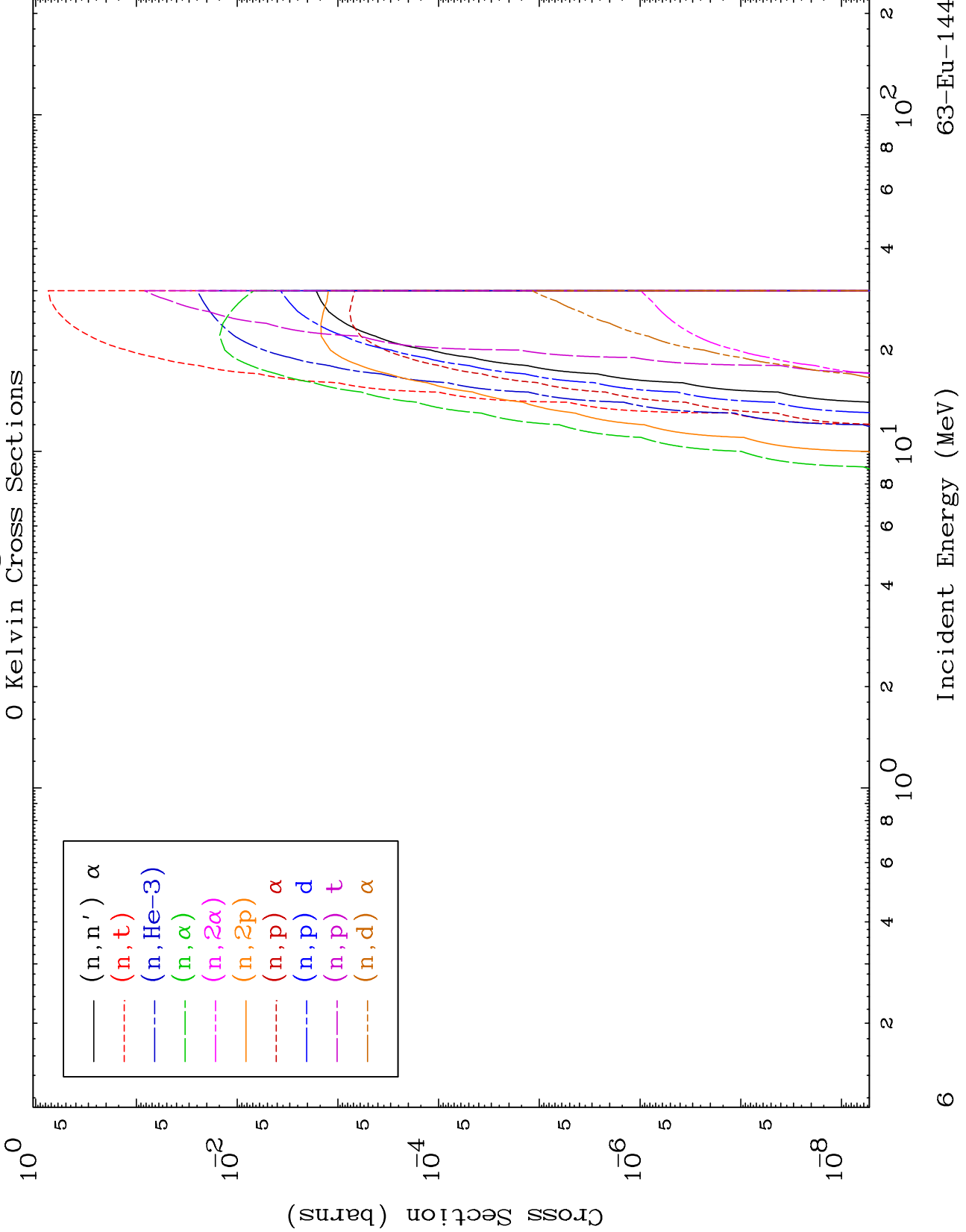




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He-3 Charged Particle
0 Kelvin Cross Sections

63-Eu-144

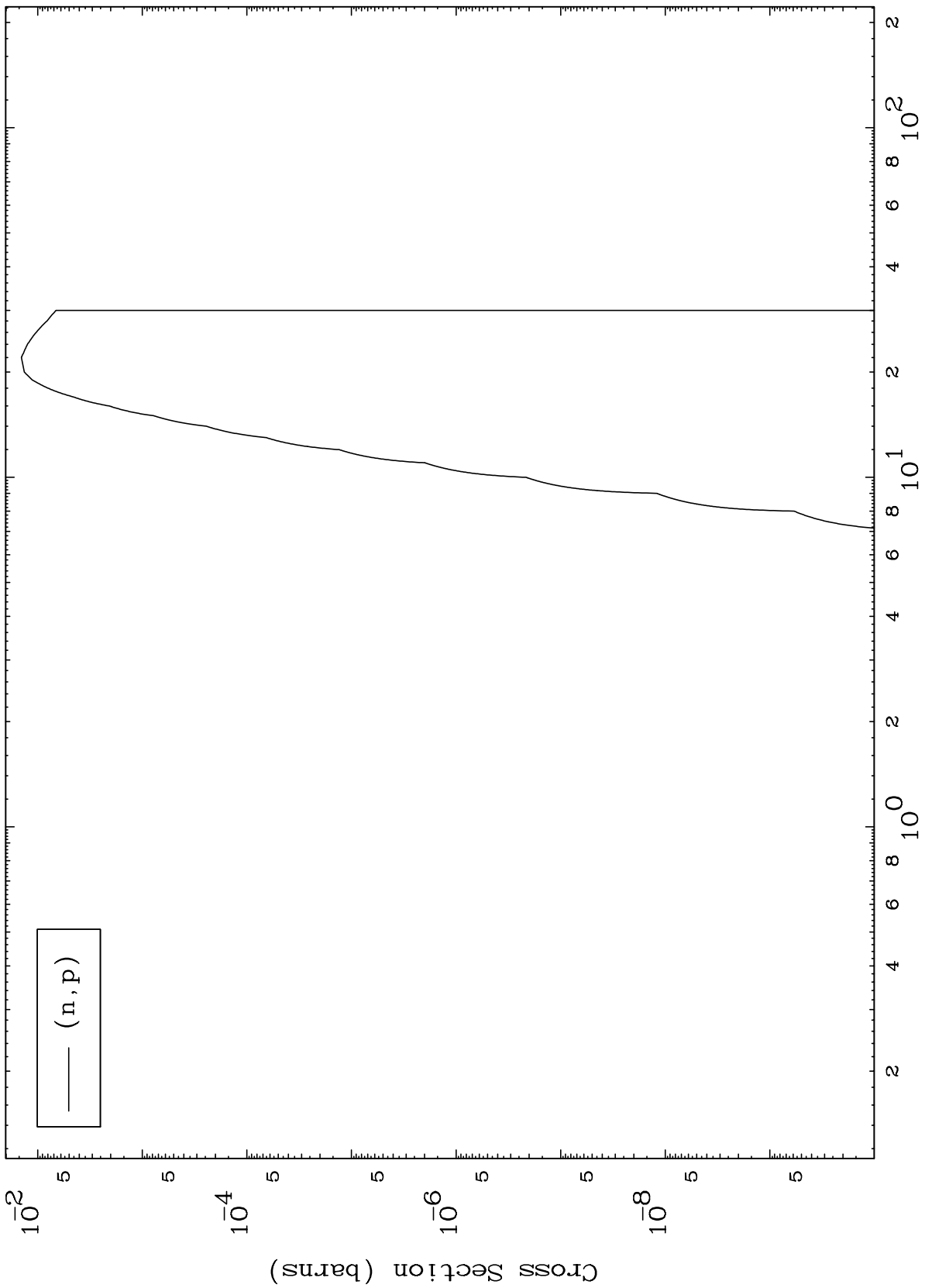


MAT 6304

(He-3,p) Levels

63-Eu-144

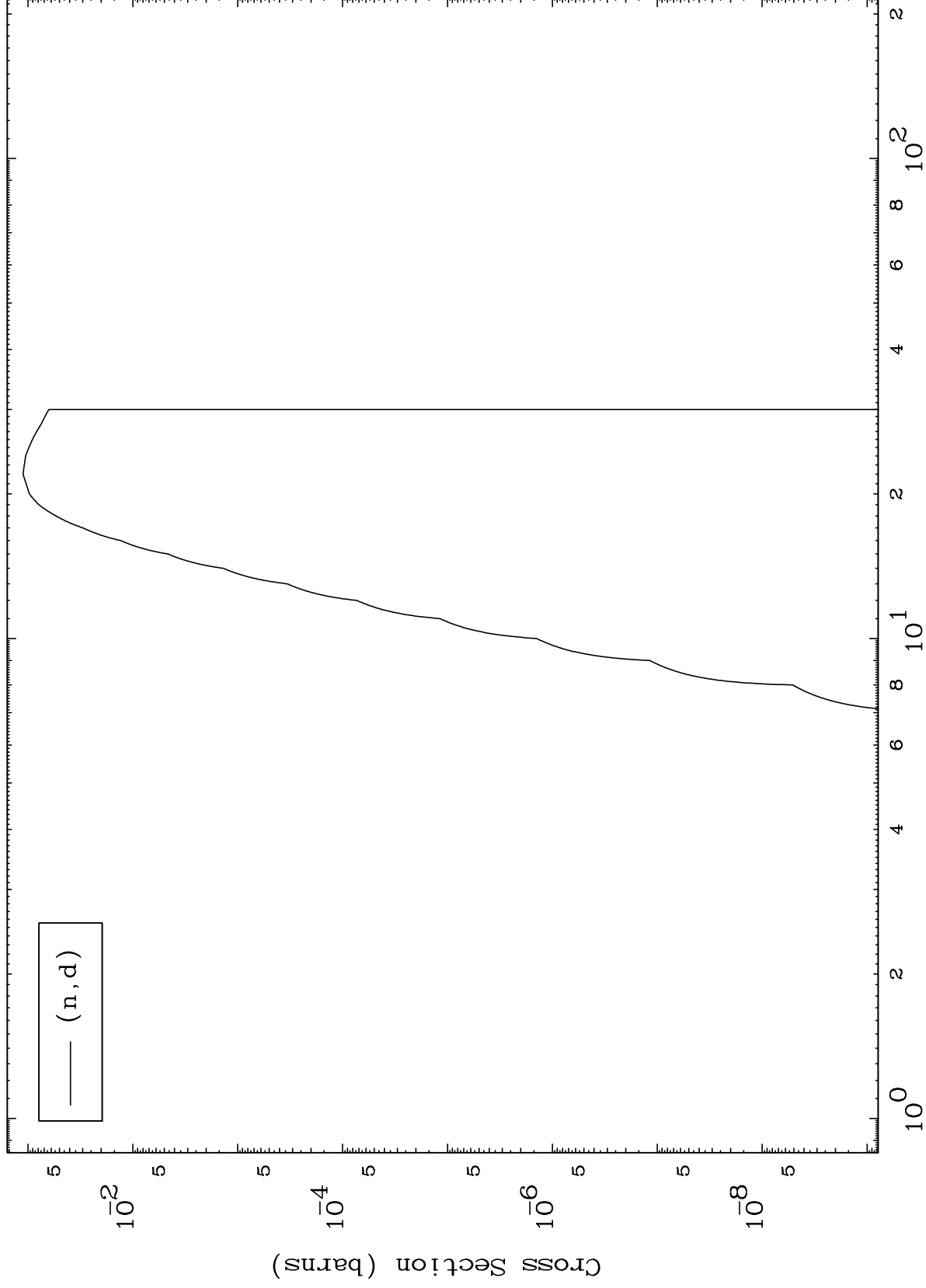
0 Kelvin Cross Sections



MAT 6304

(He-3,d) Levels
0 Kelvin Cross Sections

63-Eu-144



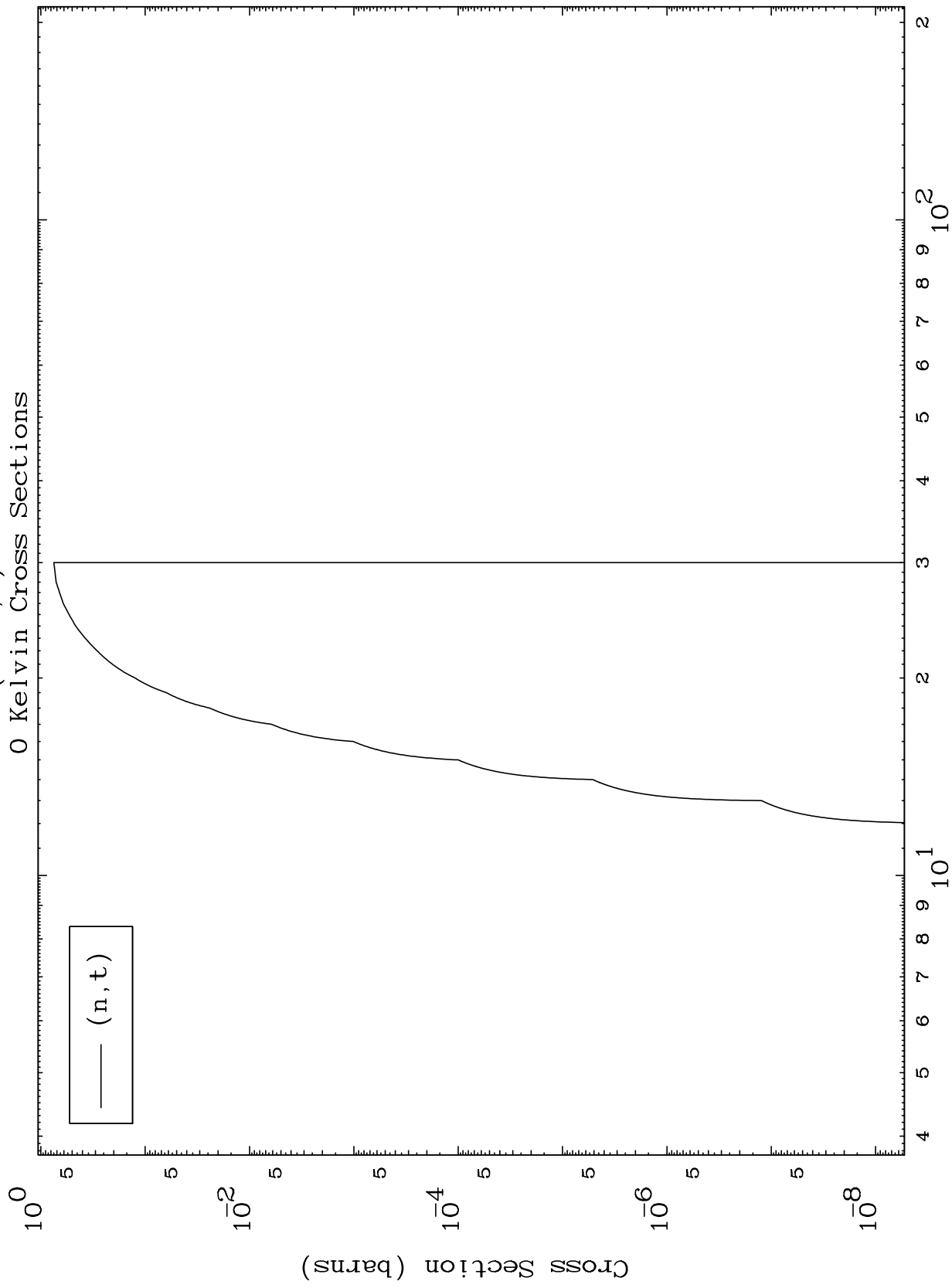
63-Eu-144

63-Eu-144

MAT 6304

63-Eu-144

(He-3,t) Levels
0 Kelvin Cross Sections



9

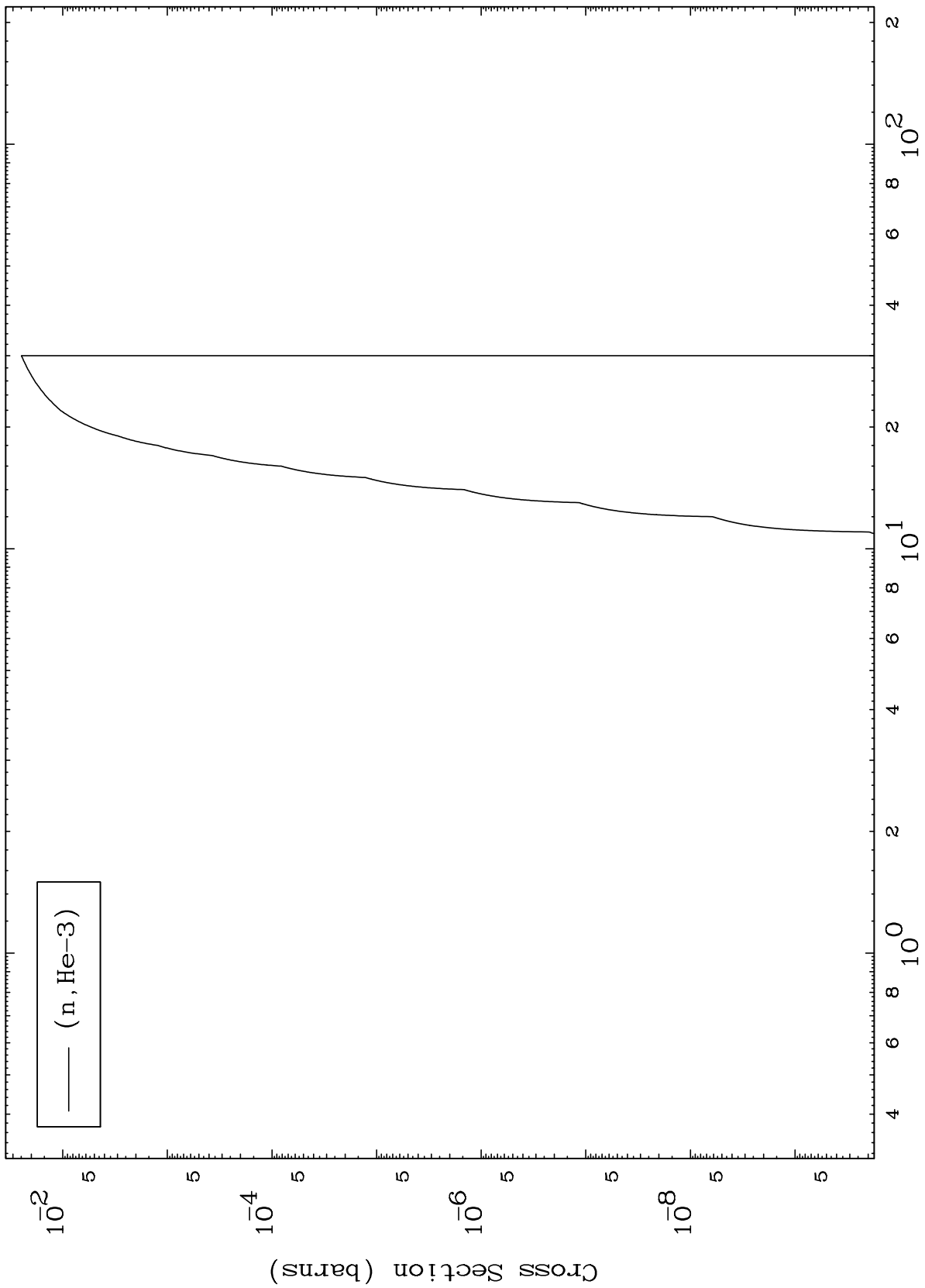
63-Eu-144

MAT 6304

(He-3, He3) Levels

63-Eu-144

0 Kelvin Cross Sections



10

Incident Energy (MeV)

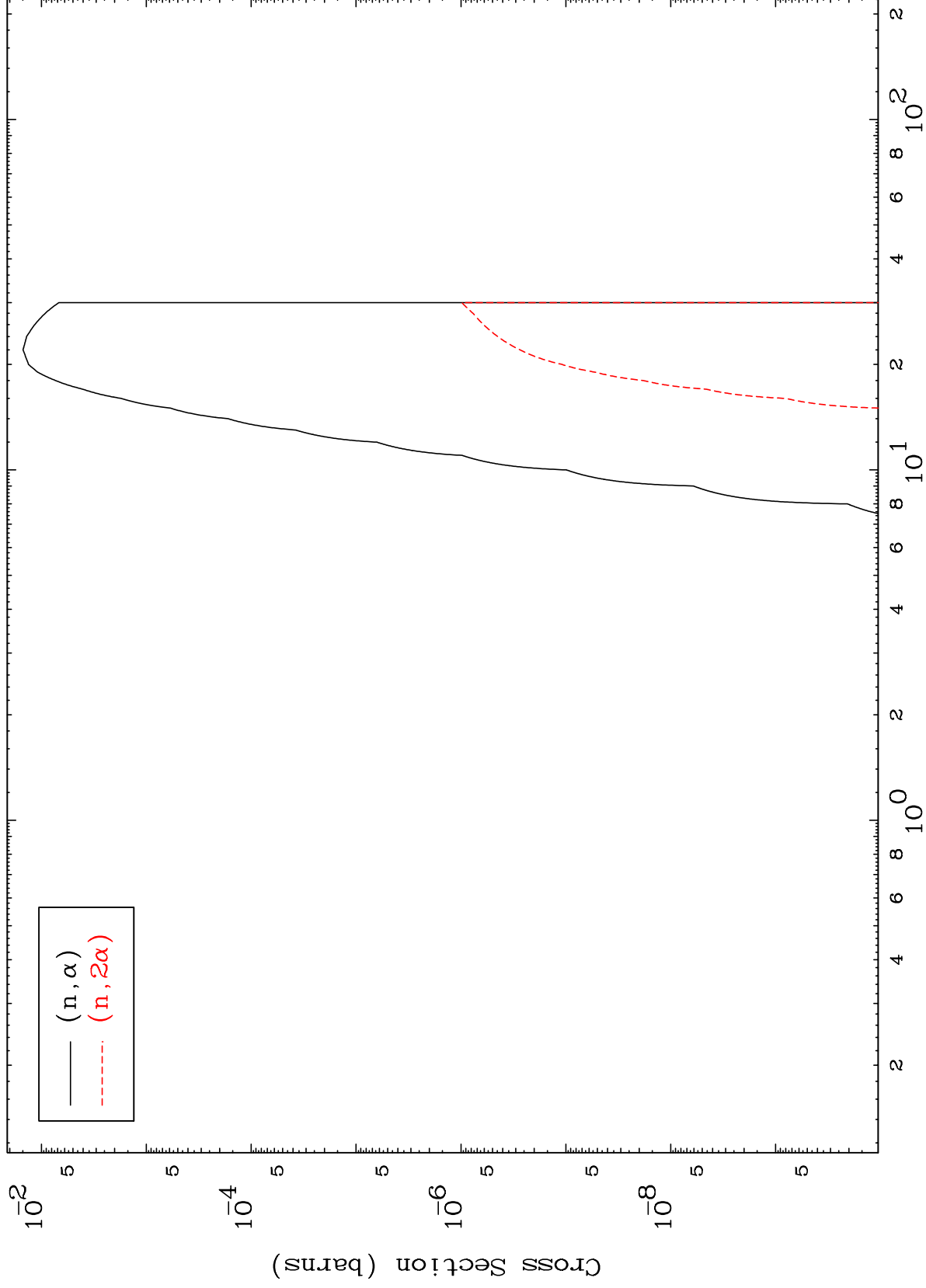
63-Eu-144

MAT 6304

(He-3, α) Levels

63-Eu-144

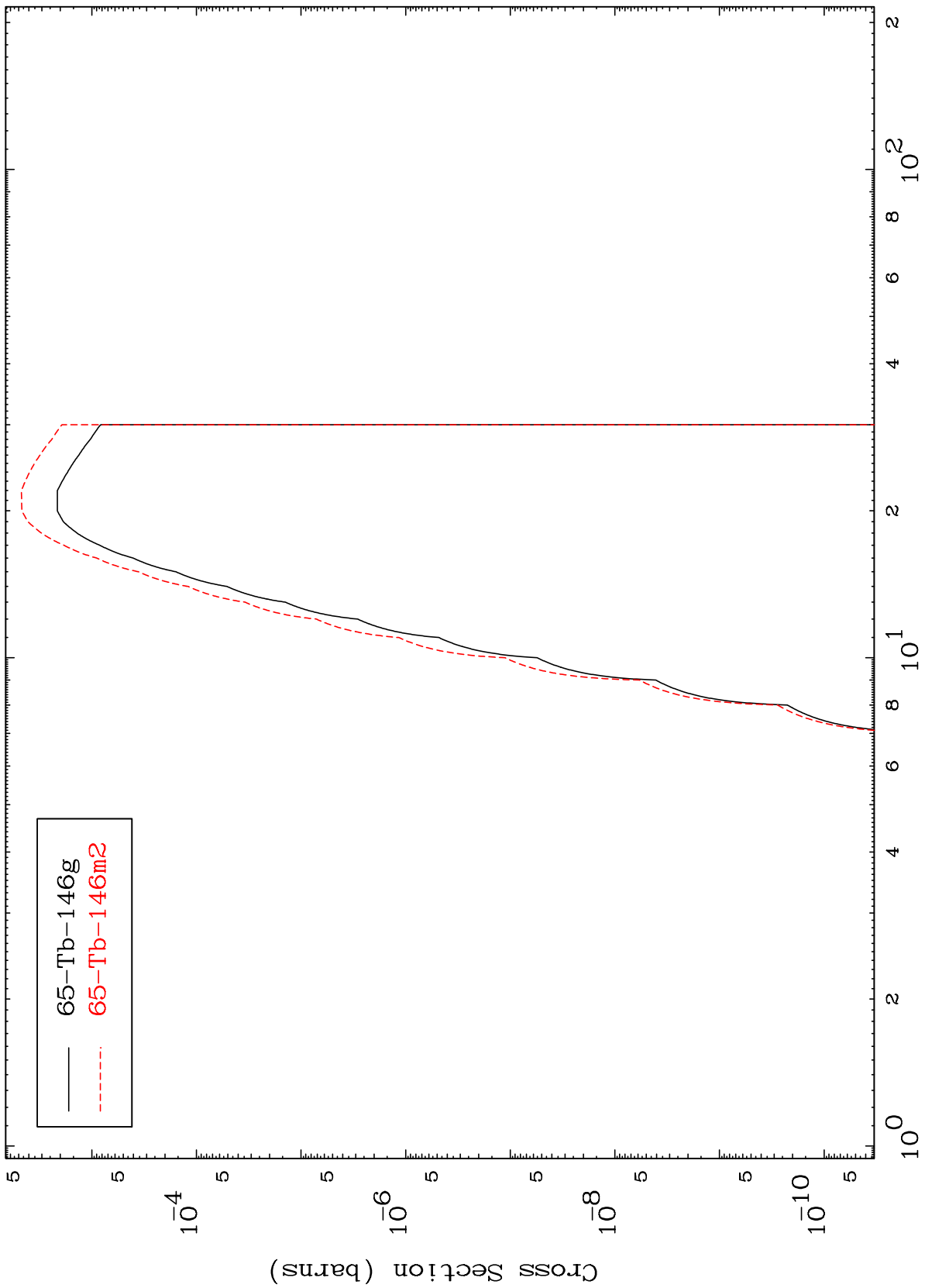
0 Kelvin Cross Sections



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63-Eu-144

Inelastic
Radionuclide Production Cross Section



65-Tb-146g
65-Tb-146m2

63-Eu-144

Incident Energy (MeV)

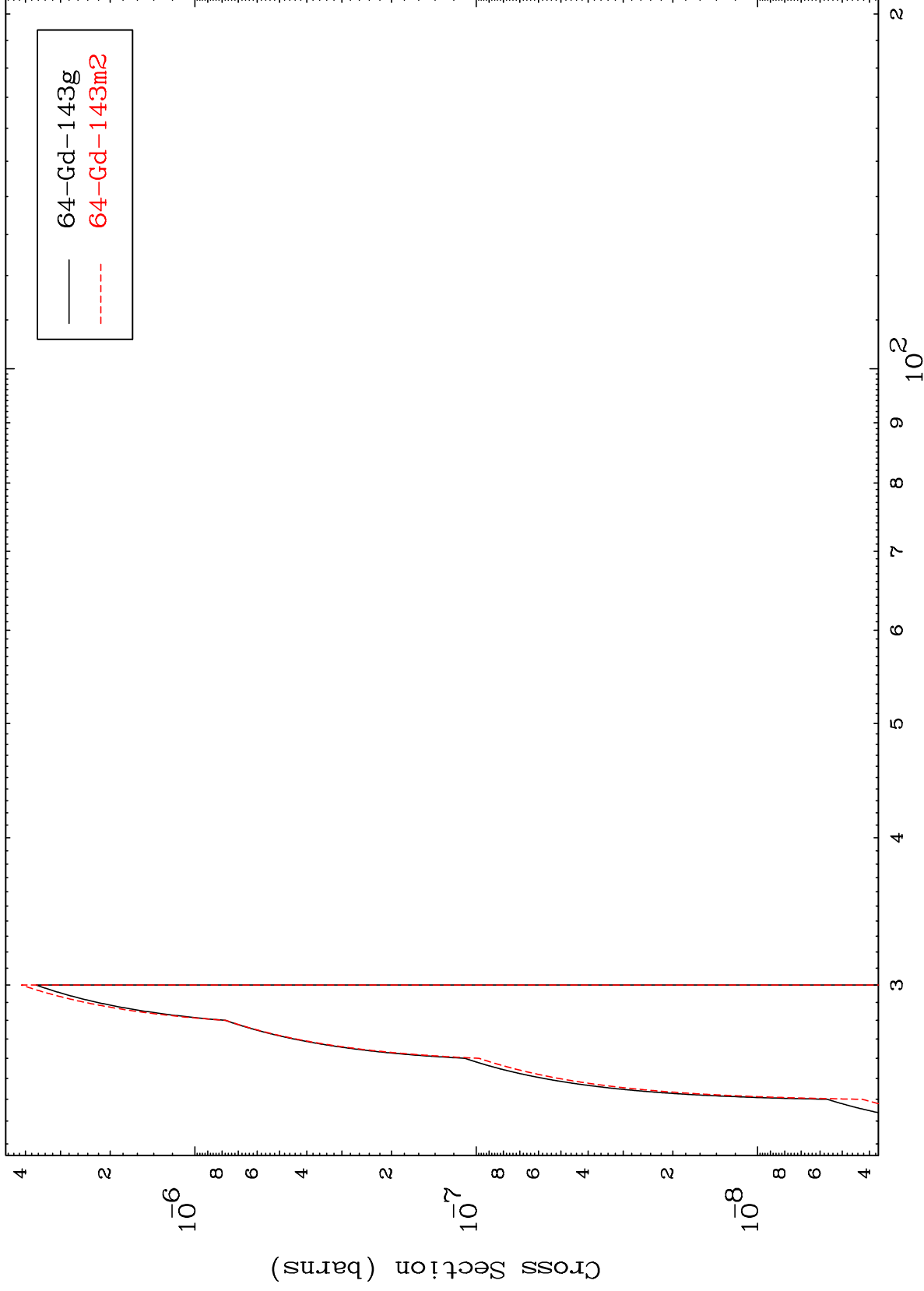
12

MAT 6304

(n,2n) d

63-Eu-144

Radionuclide Production Cross Section



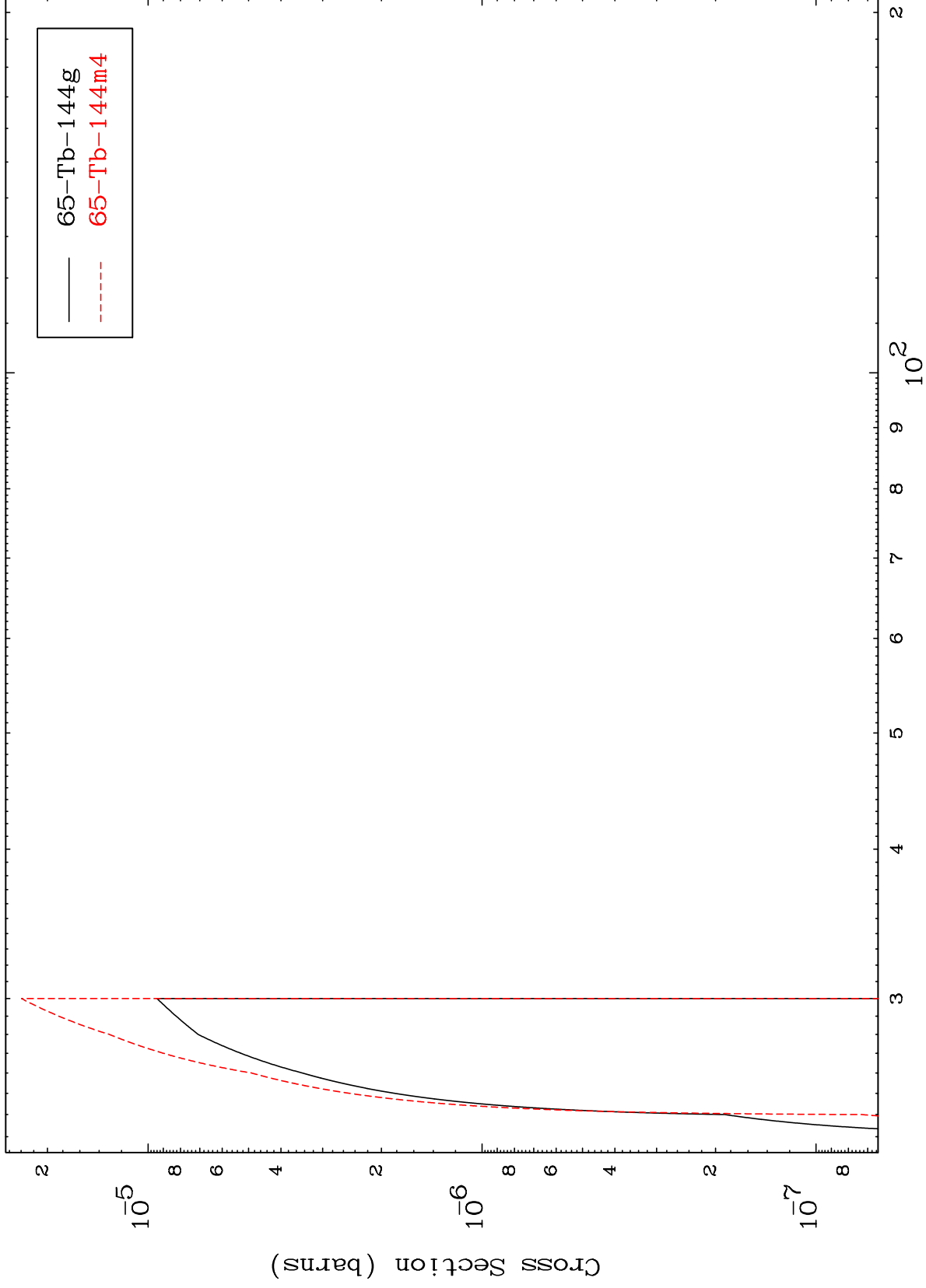
64-Gd-143g
64-Gd-143m2

MAT 6304

(n,3n)

63-Eu-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

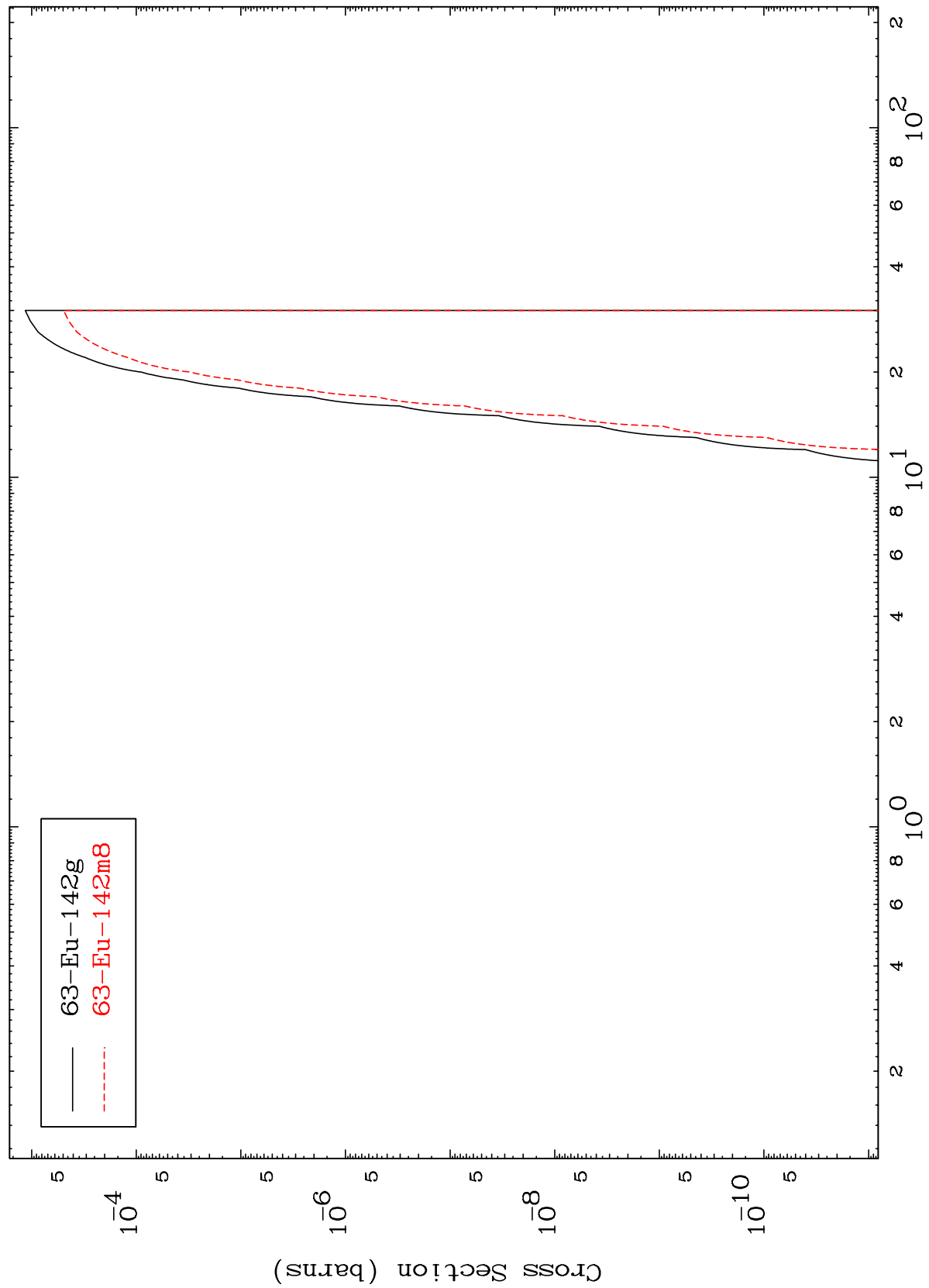
63-Eu-144

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$(n, n') \alpha$

$^{63}\text{Eu}-144$

Radionuclide Production Cross Section

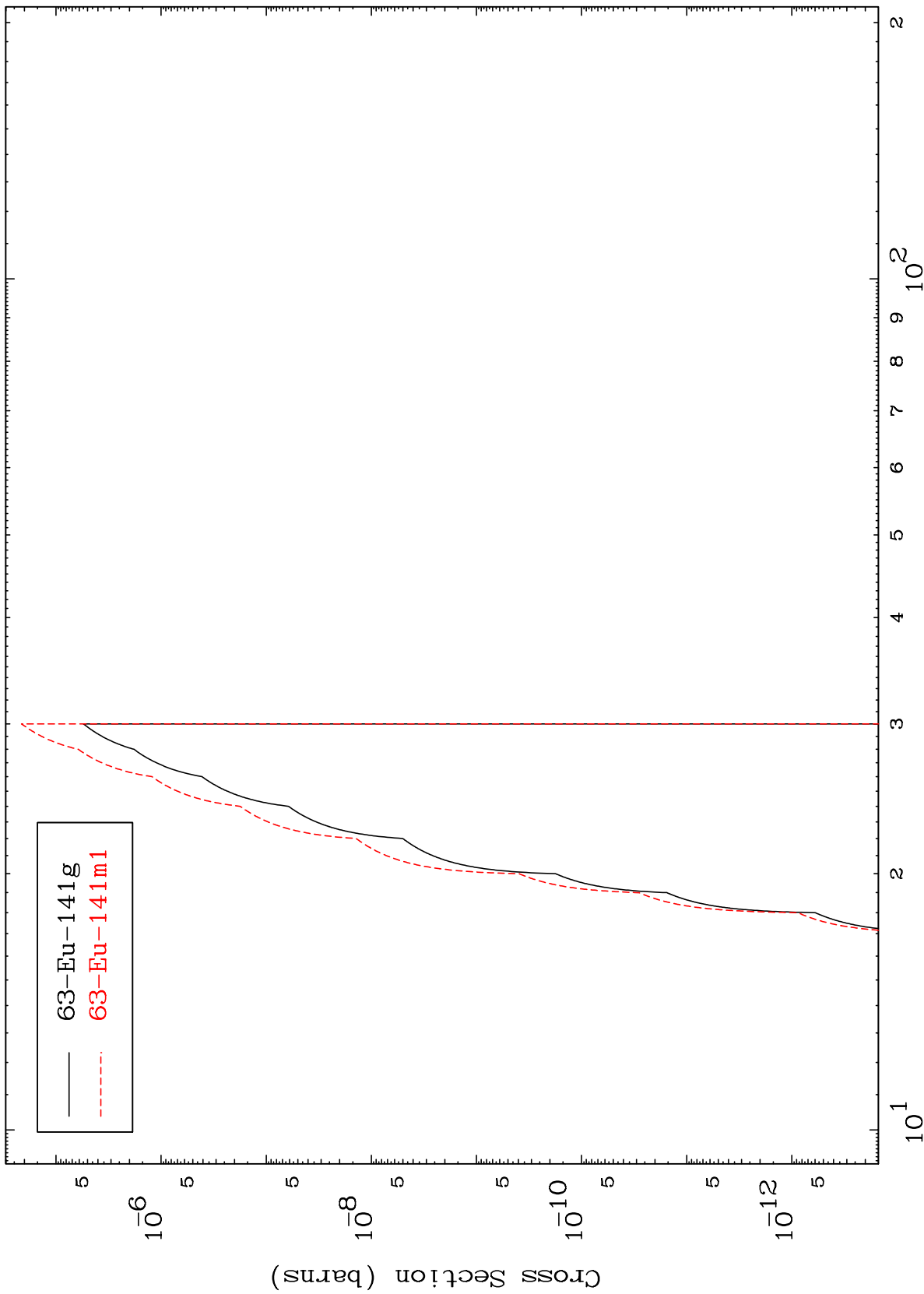


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63-Eu-144

(n,2n) α

Radionuclide Production Cross Section



63-Eu-144

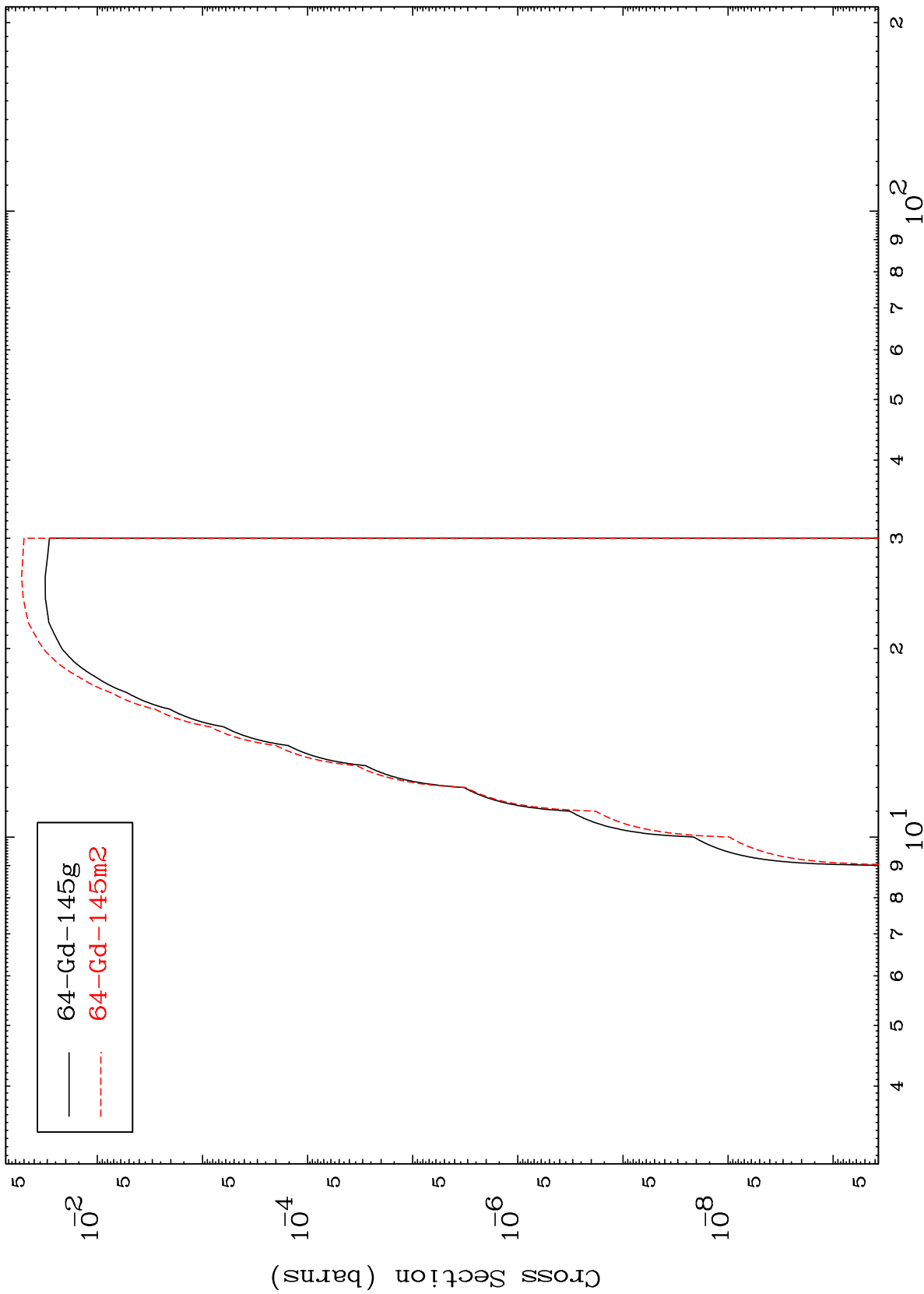
Incident Energy (MeV)

16

MAT 6304

63-Eu-144

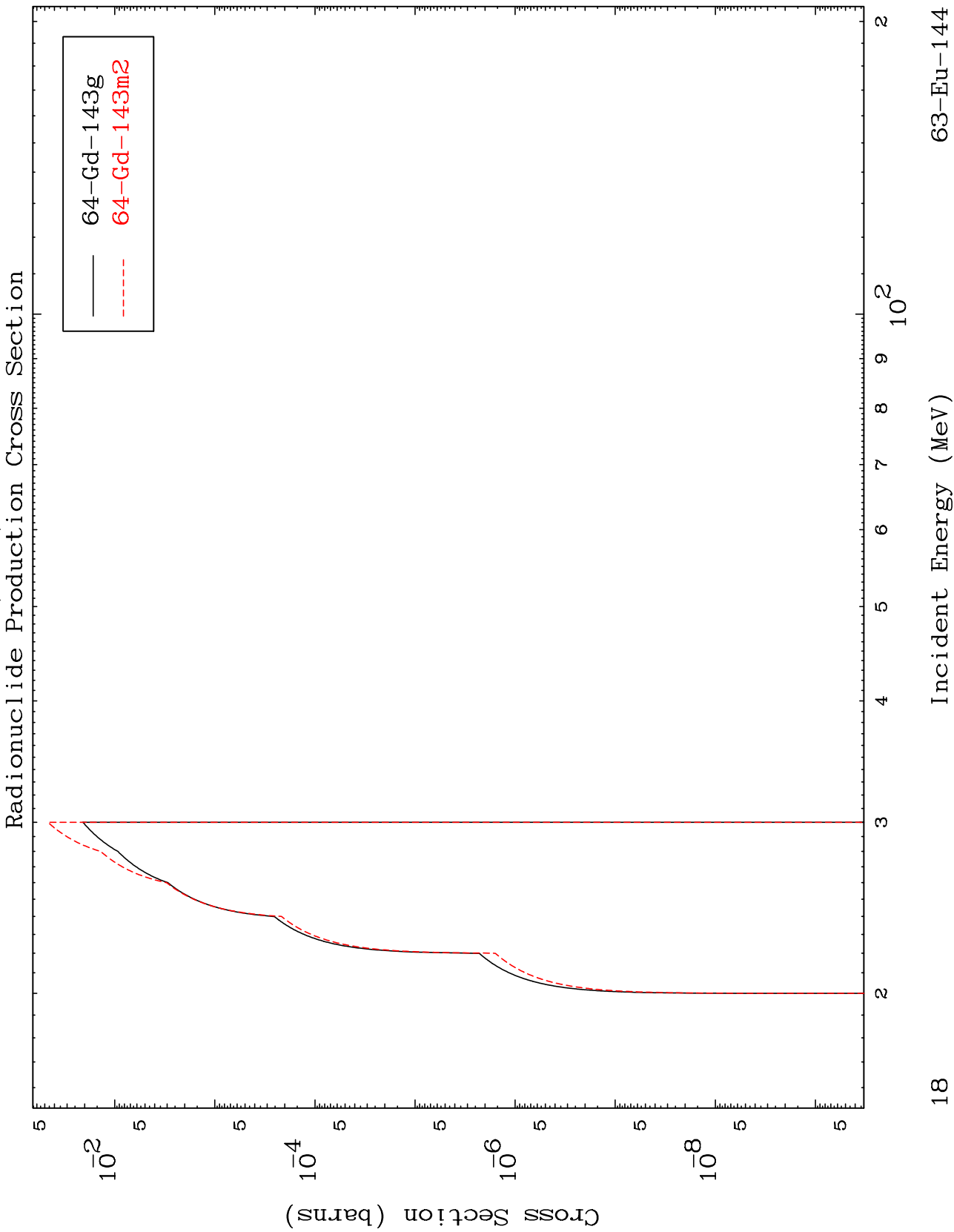
(n,n') p
Radionuclide Production Cross Section



63-Eu-144

Incident Energy (MeV)

17

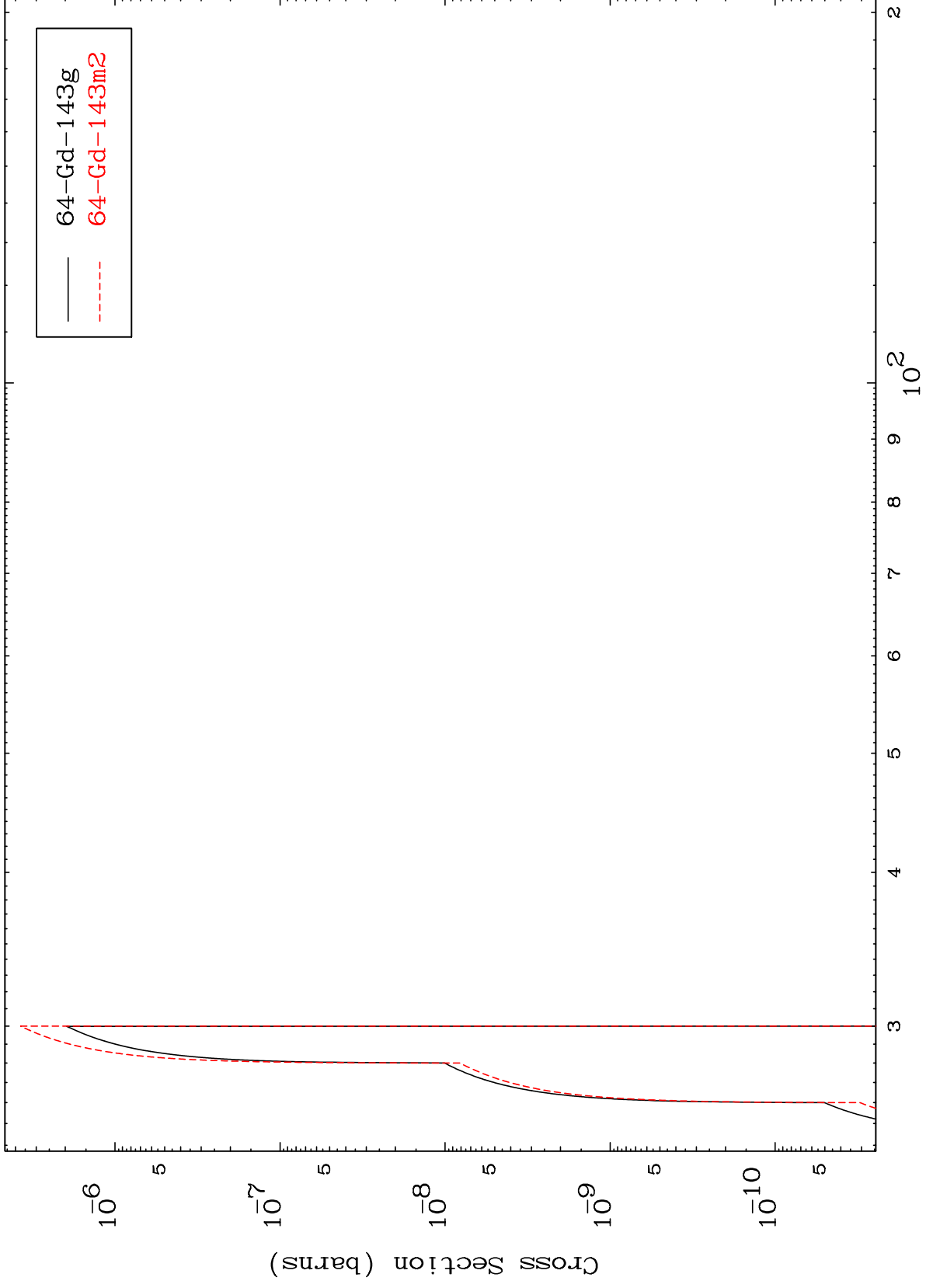


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(n,3n) p

63-Eu-144

Radionuclide Production Cross Section



19

Incident Energy (MeV)

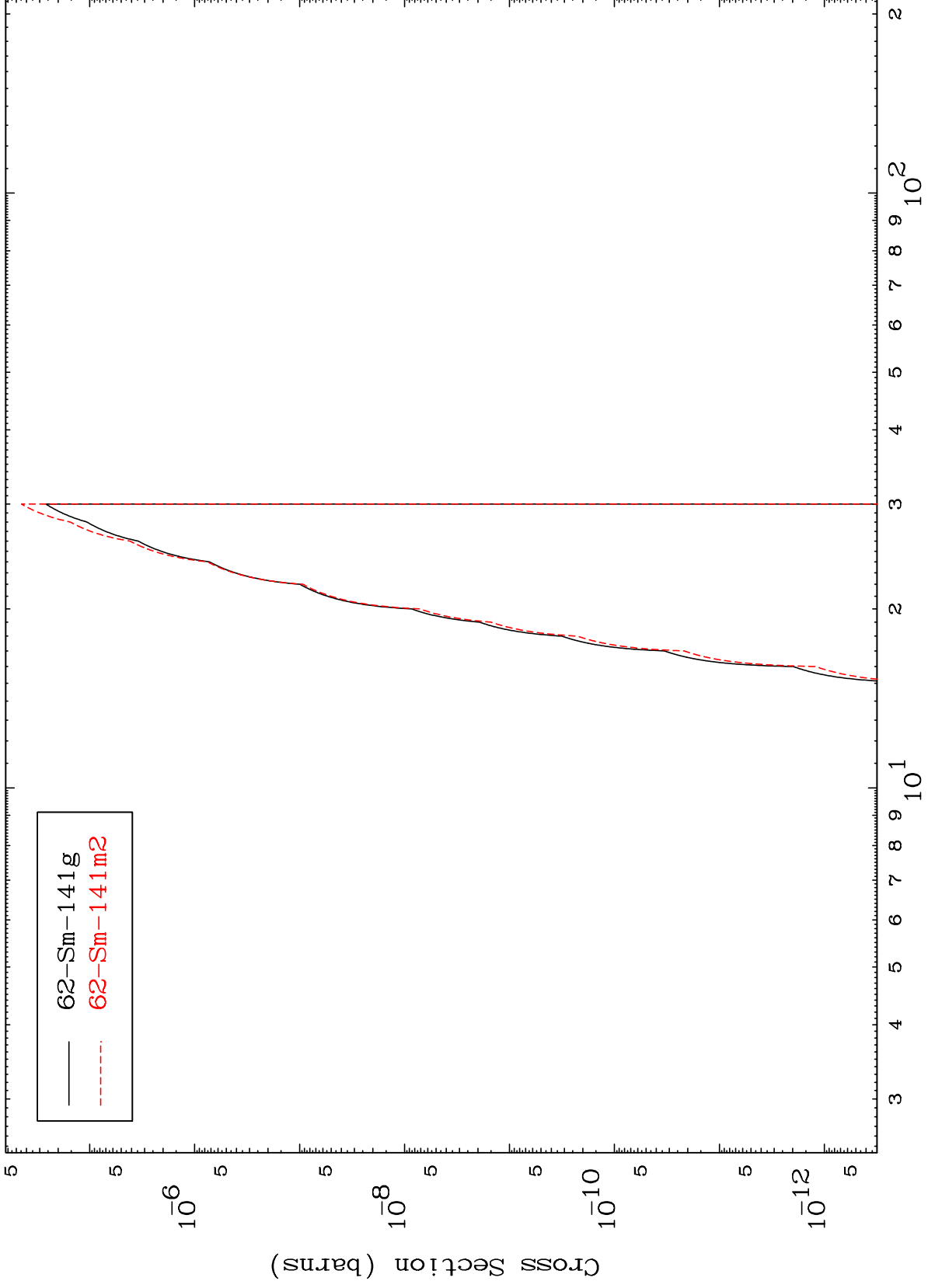
63-Eu-144

MAT 6304

(n,n') p α

63-Eu-144

Radionuclide Production Cross Section



20

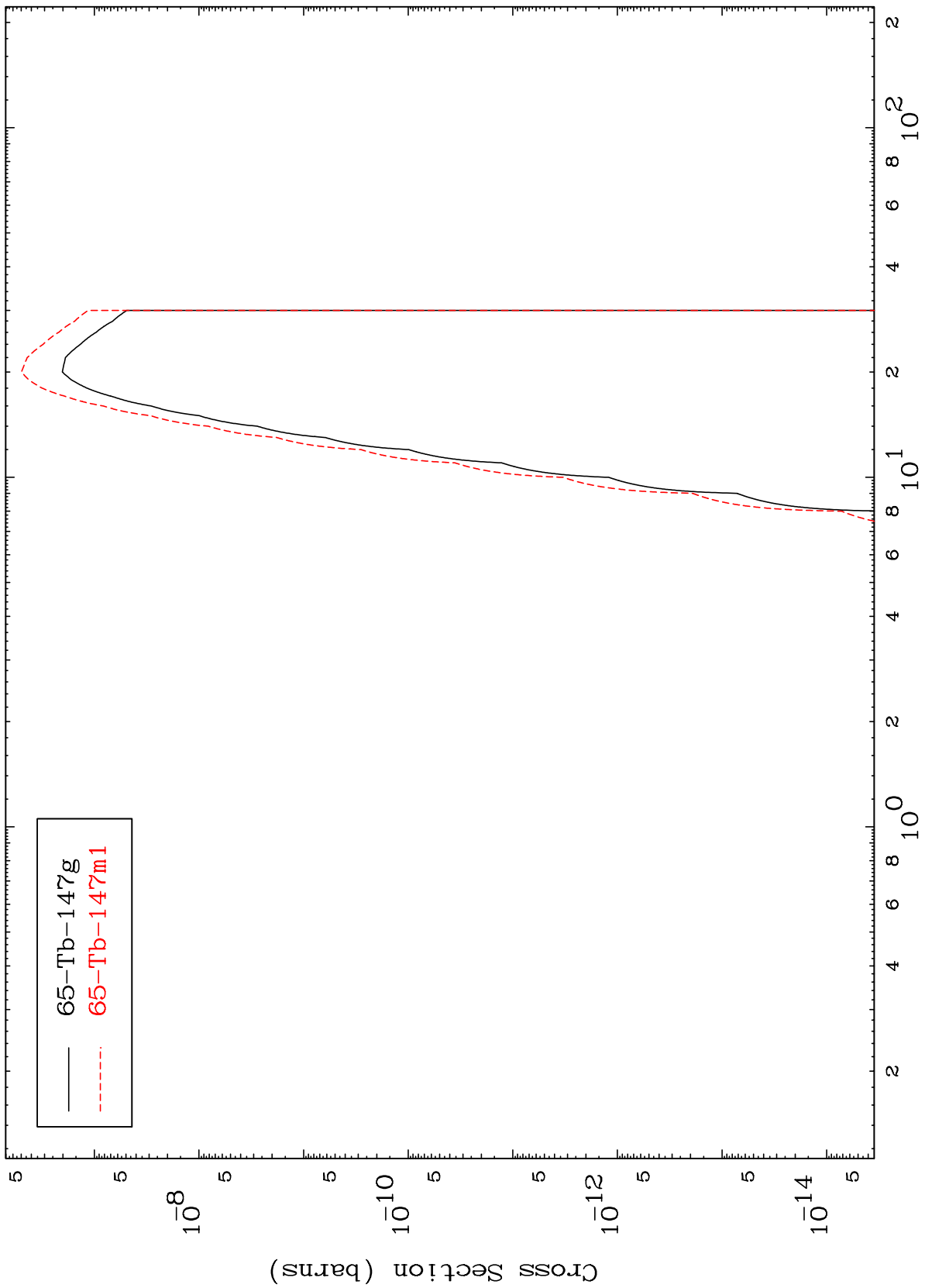
Incident Energy (MeV)

63-Eu-144

MAT 6304

63-Eu-144

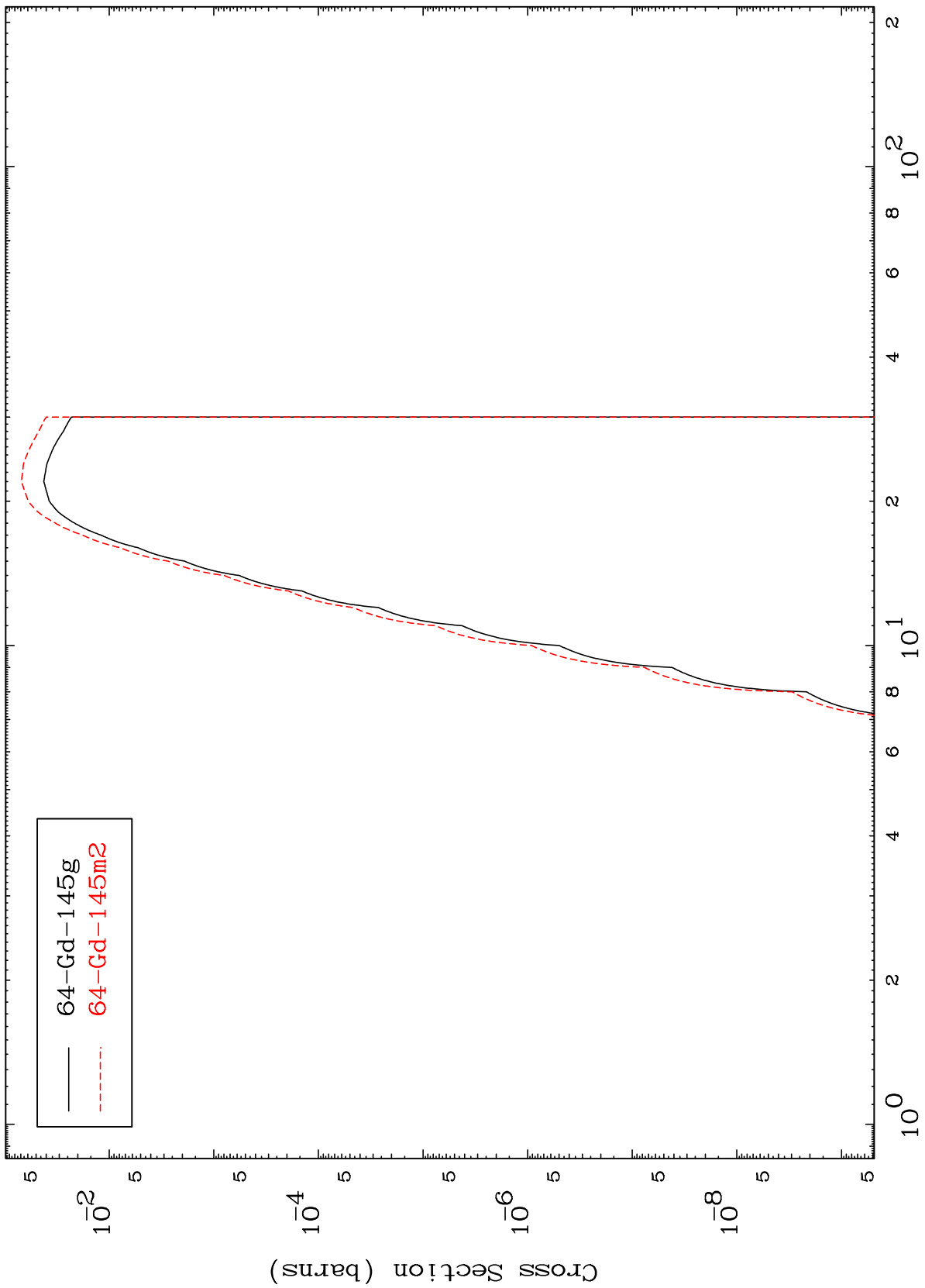
(n, γ)
Radionuclide Production Cross Section



MAT 6304

63-Eu-144

(n,d)
Radionuclide Production Cross Section



63-Eu-144

Incident Energy (MeV)

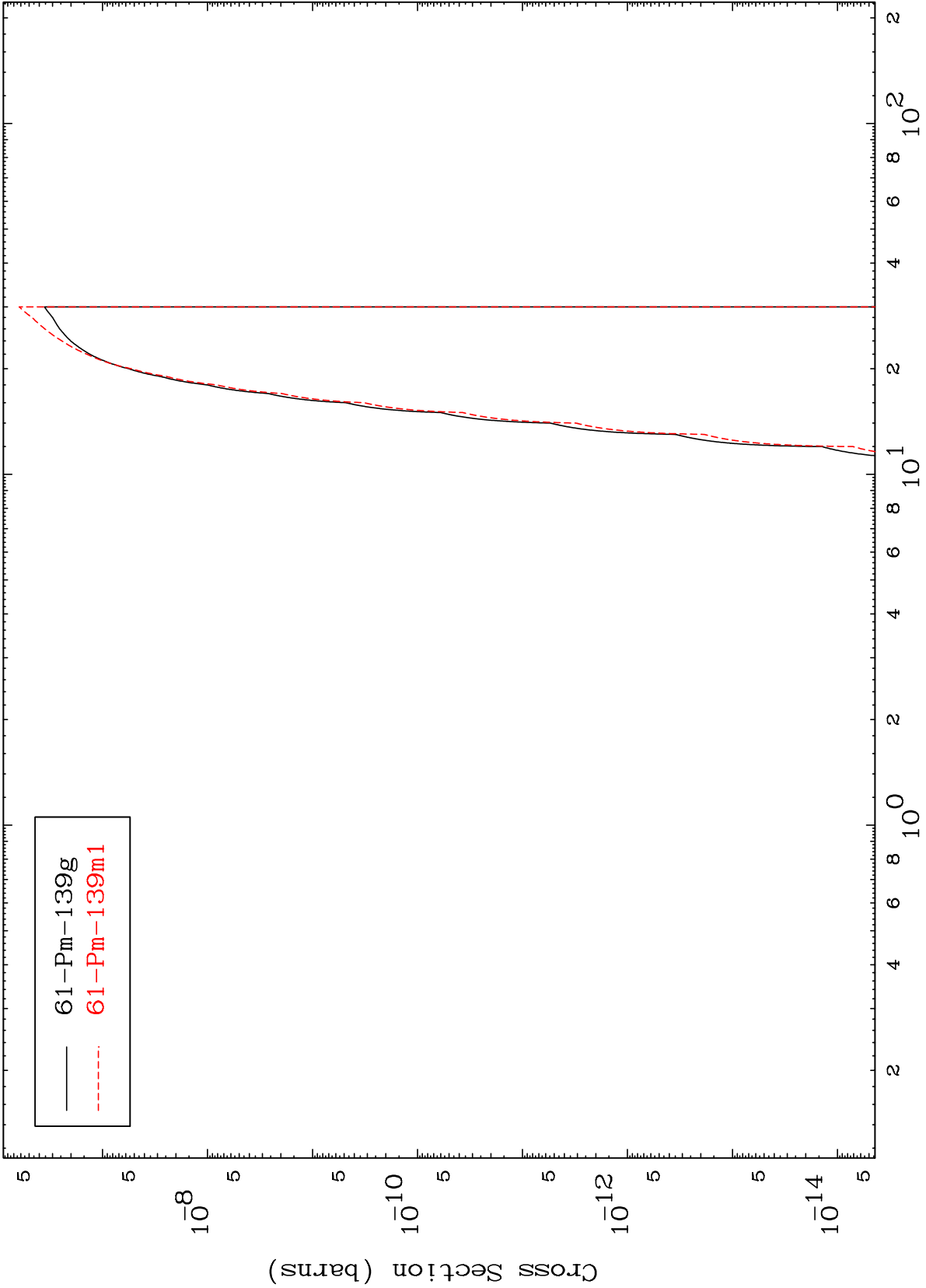
22

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(n,2α)

63-Eu-144

Radionuclide Production Cross Section



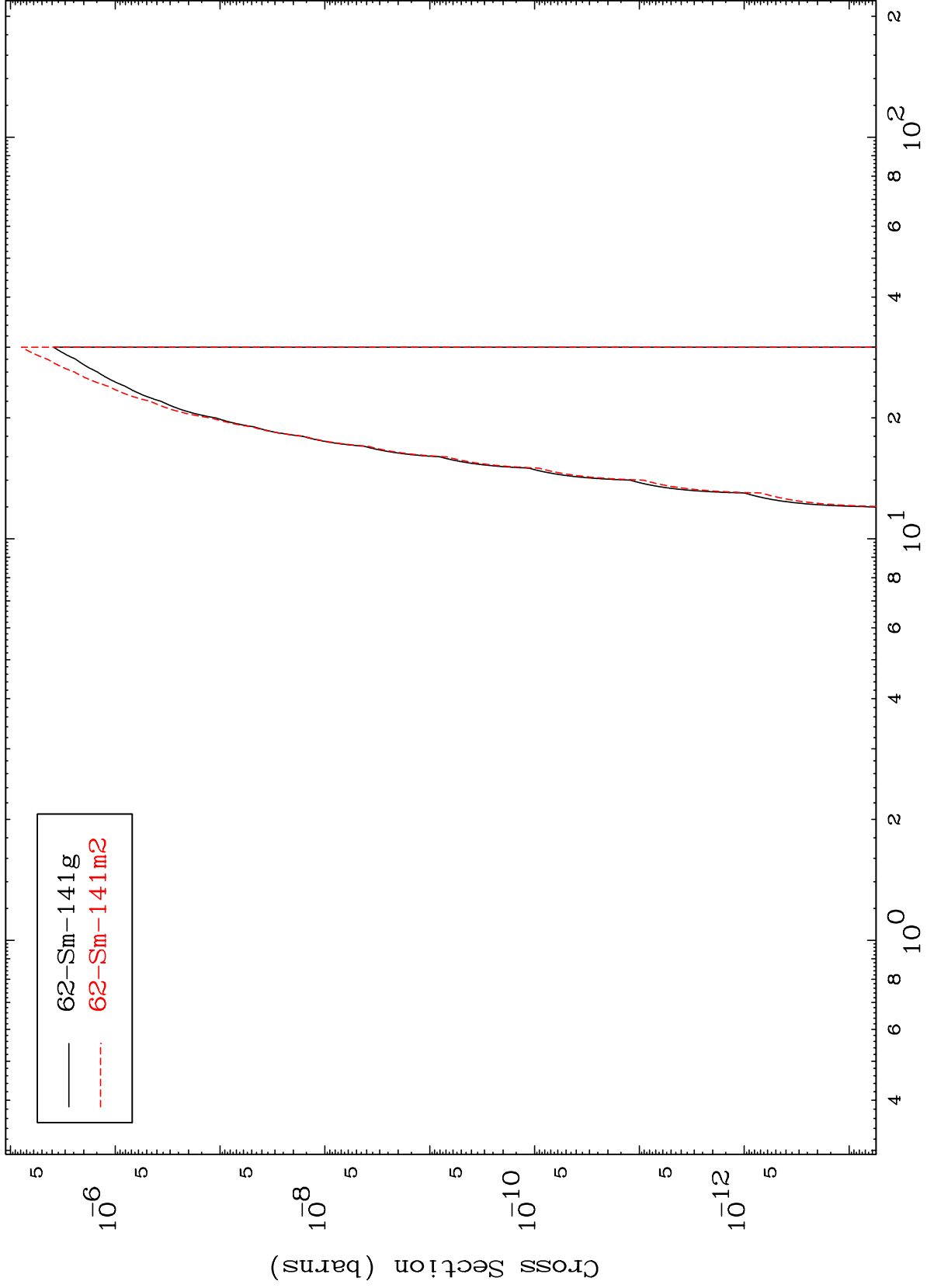
61-Pm-139g
61-Pm-139m1

MAT 6304

(n,d) α

63-Eu-144

Radionuclide Production Cross Section



24

Incident Energy (MeV)

63-Eu-144