

Program EVALPLOT
(Version 2021-1)

by

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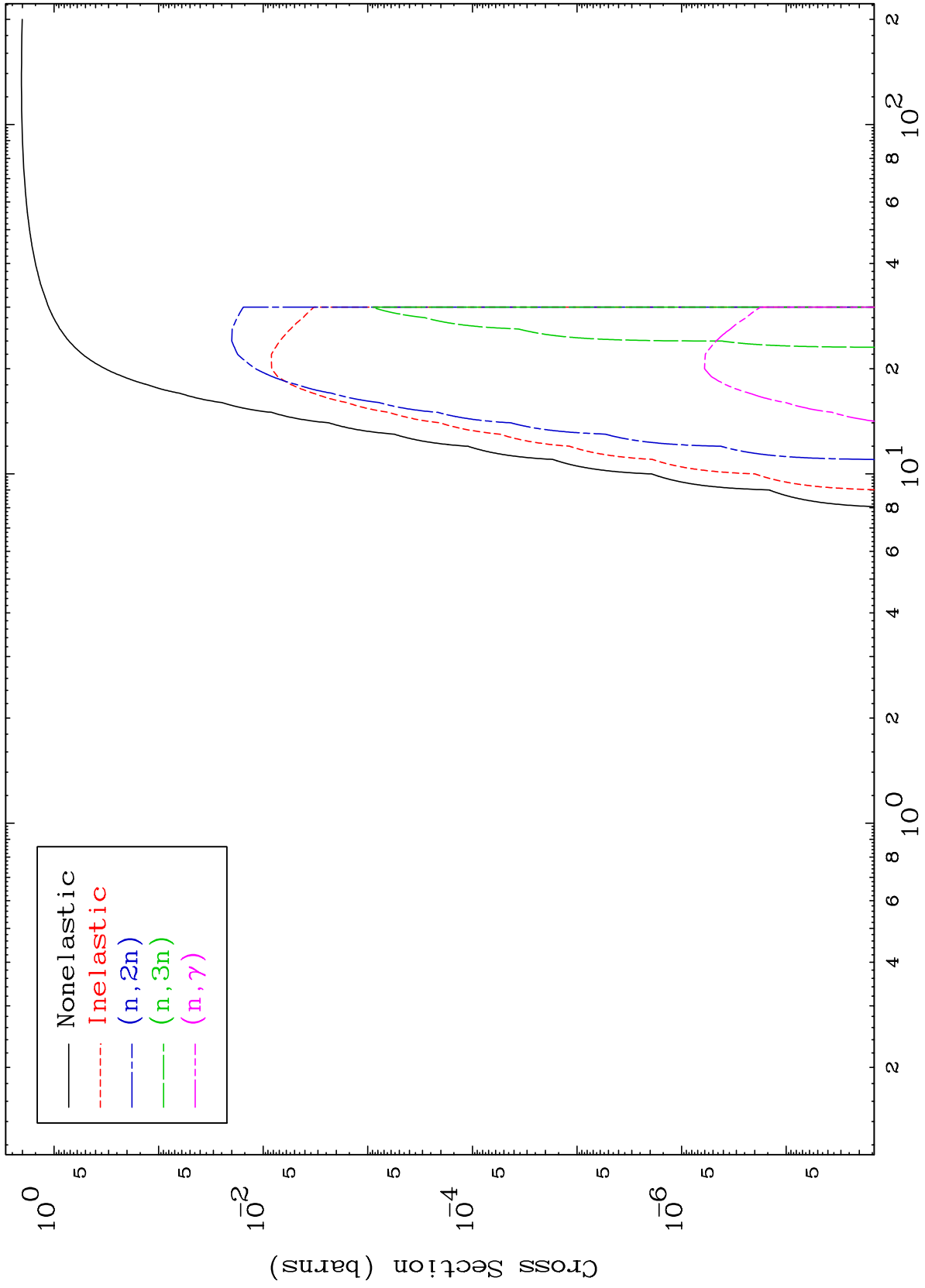
Press Mouse Button to Start

MAT 6304

He-3 Major

63-Eu-144

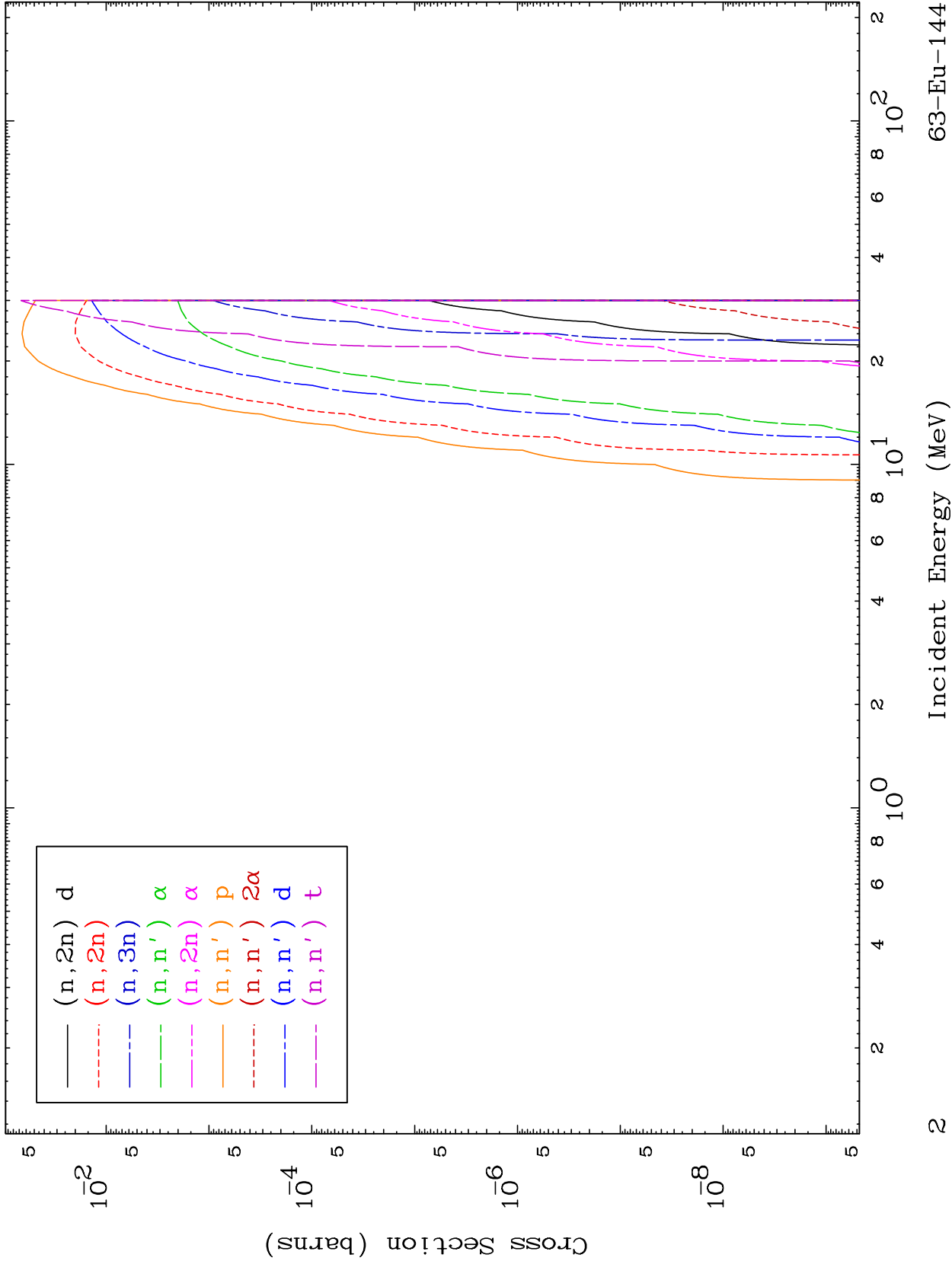
0 Kelvin Cross Sections



MAT 6304

He-3 Neutron Absorption
0 Kelvin Cross Sections

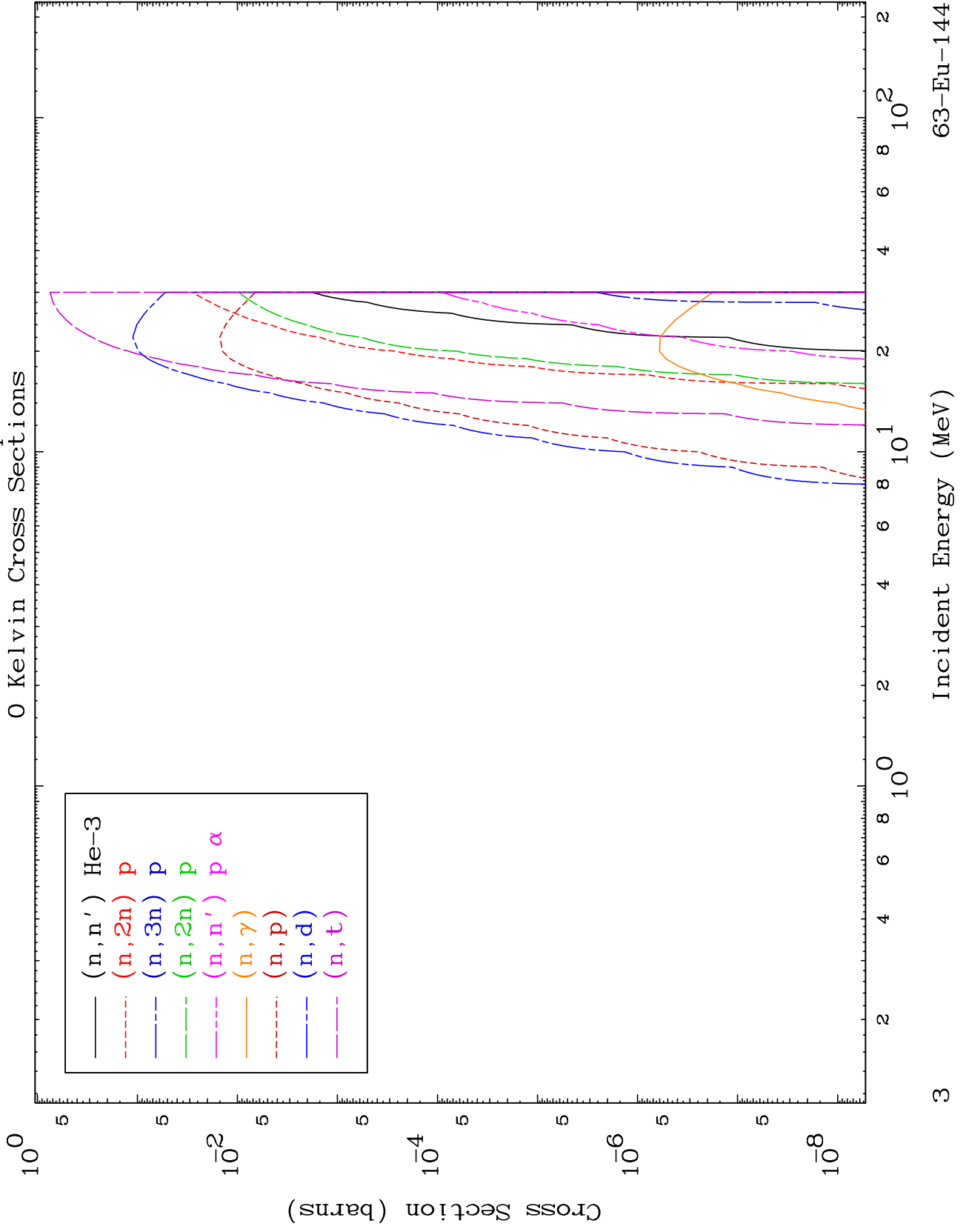
63-Eu-144



MAT 6304

He-3 Neutron Absorption
0 Kelvin Cross Sections

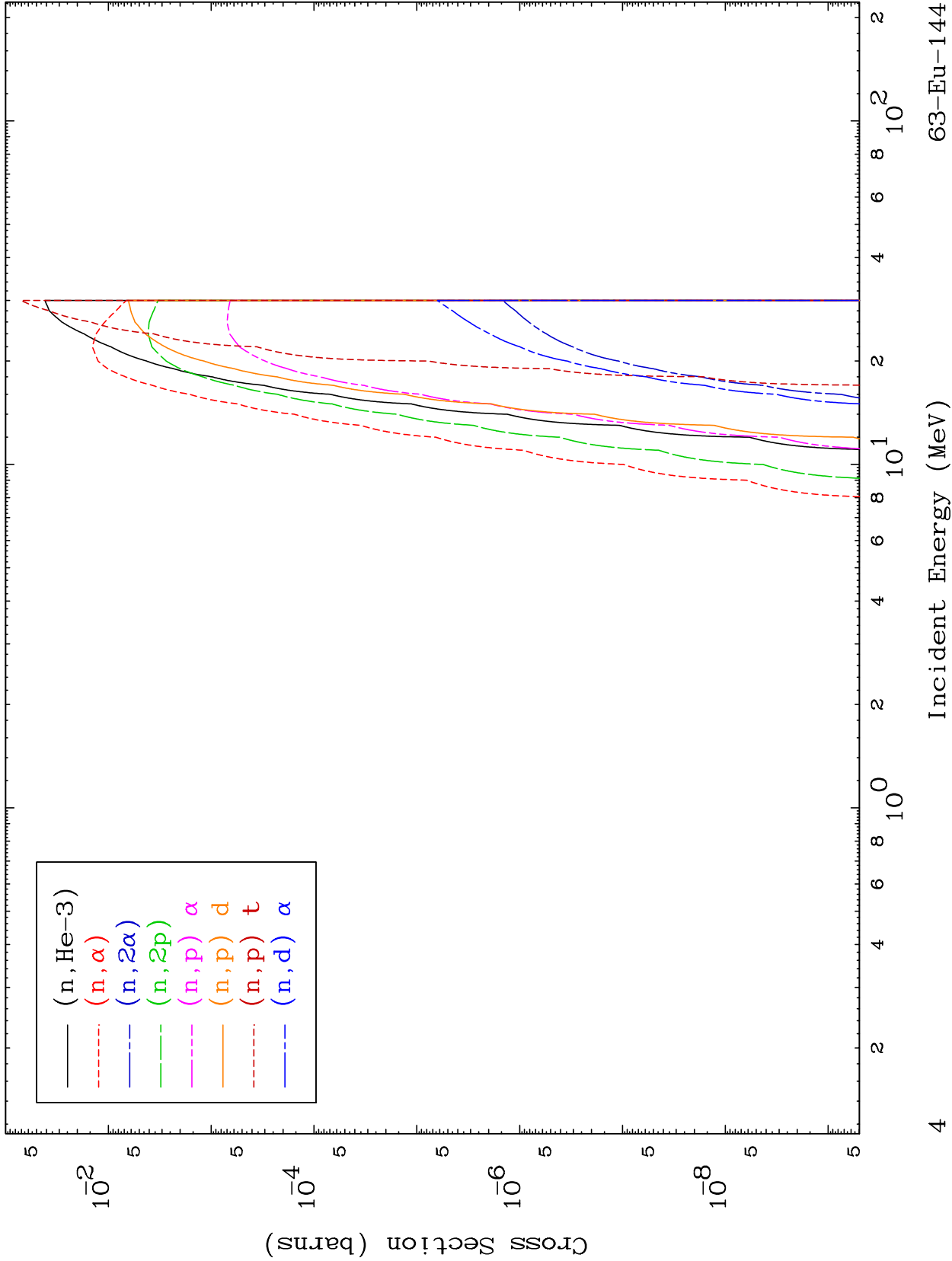
63-Eu-144

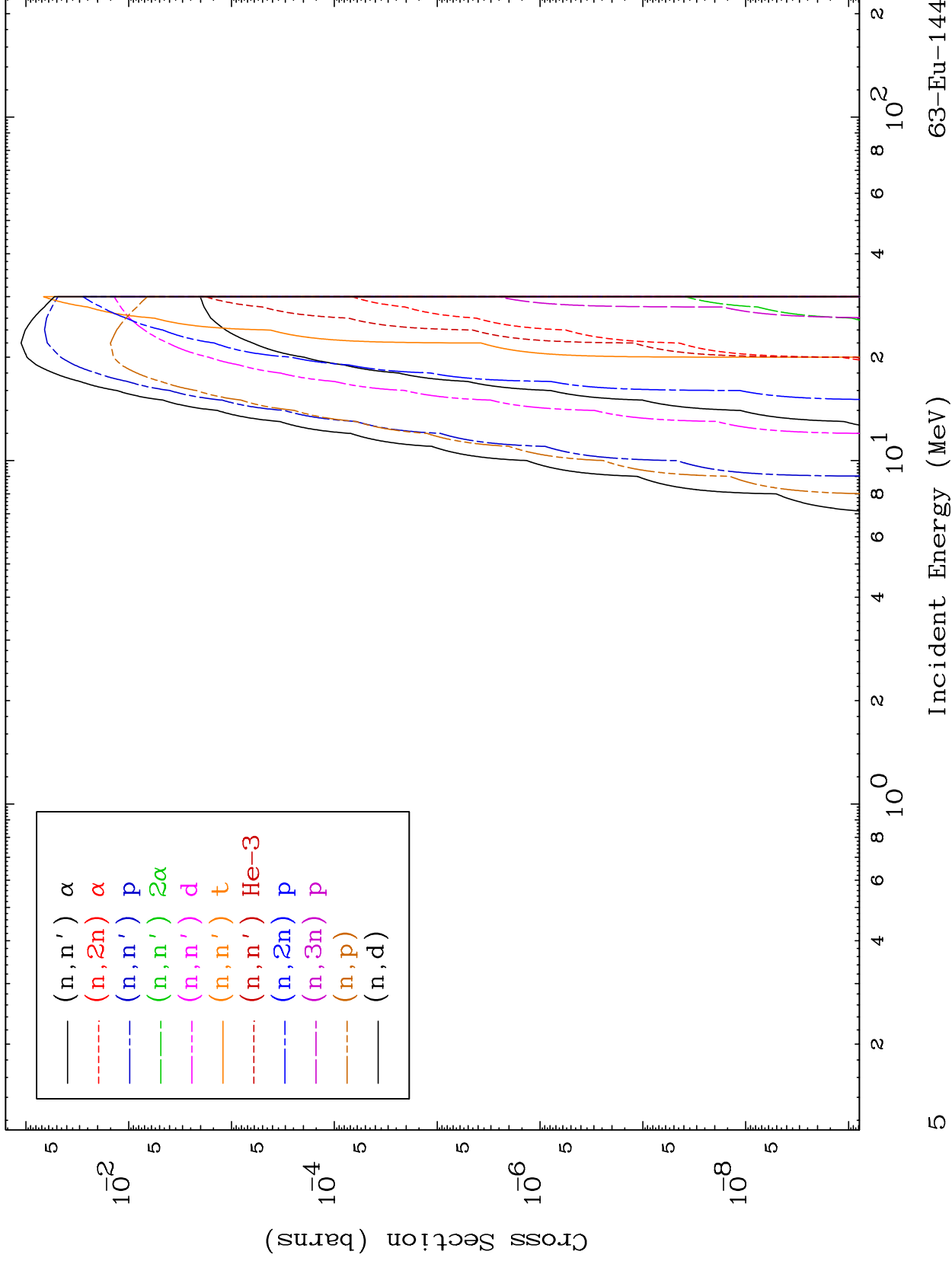


MAT 6304

He-3 Neutron Absorption
0 Kelvin Cross Sections

63-Eu-144

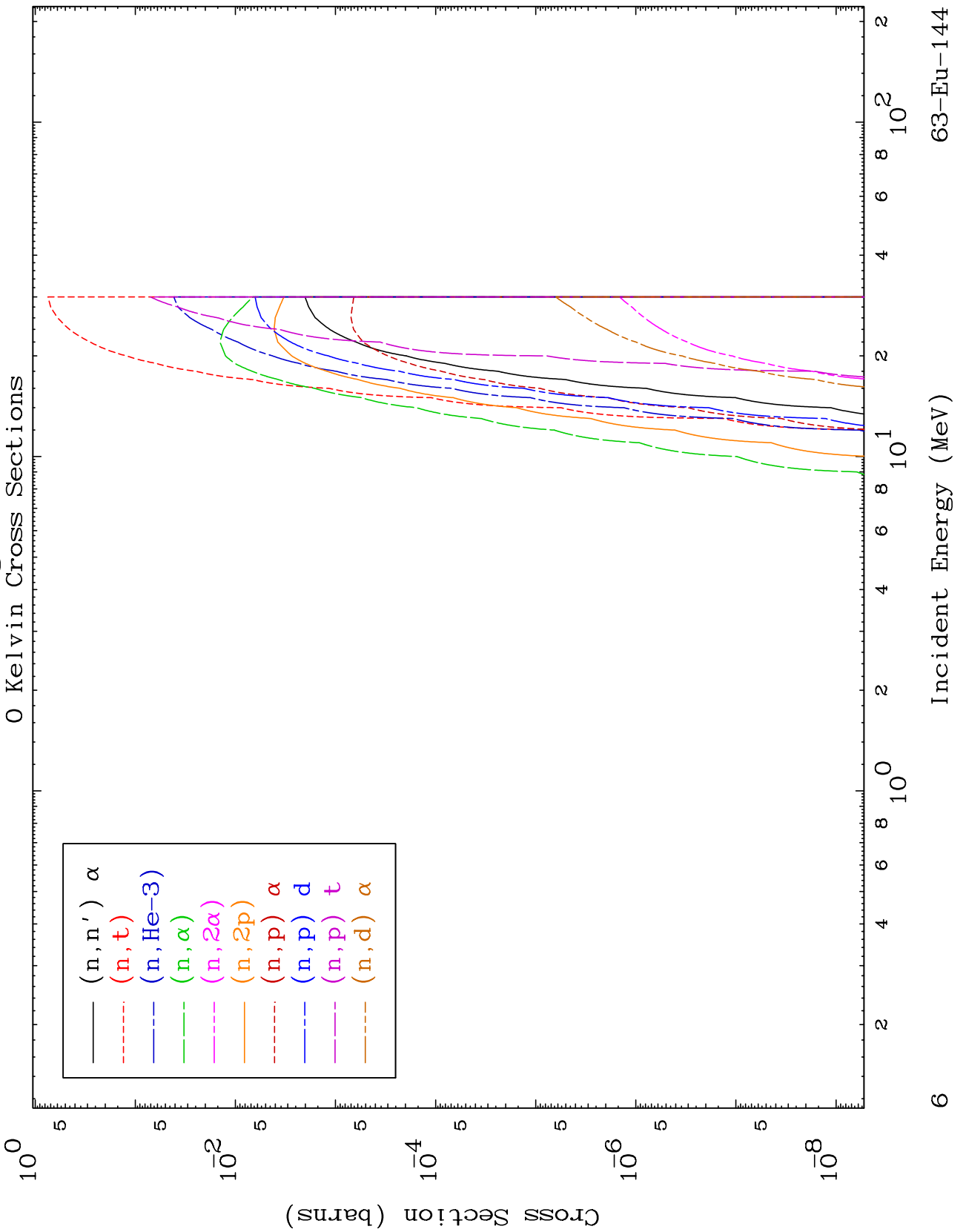




MAT 6304

He-3 Charged Particle
0 Kelvin Cross Sections

63-Eu-144

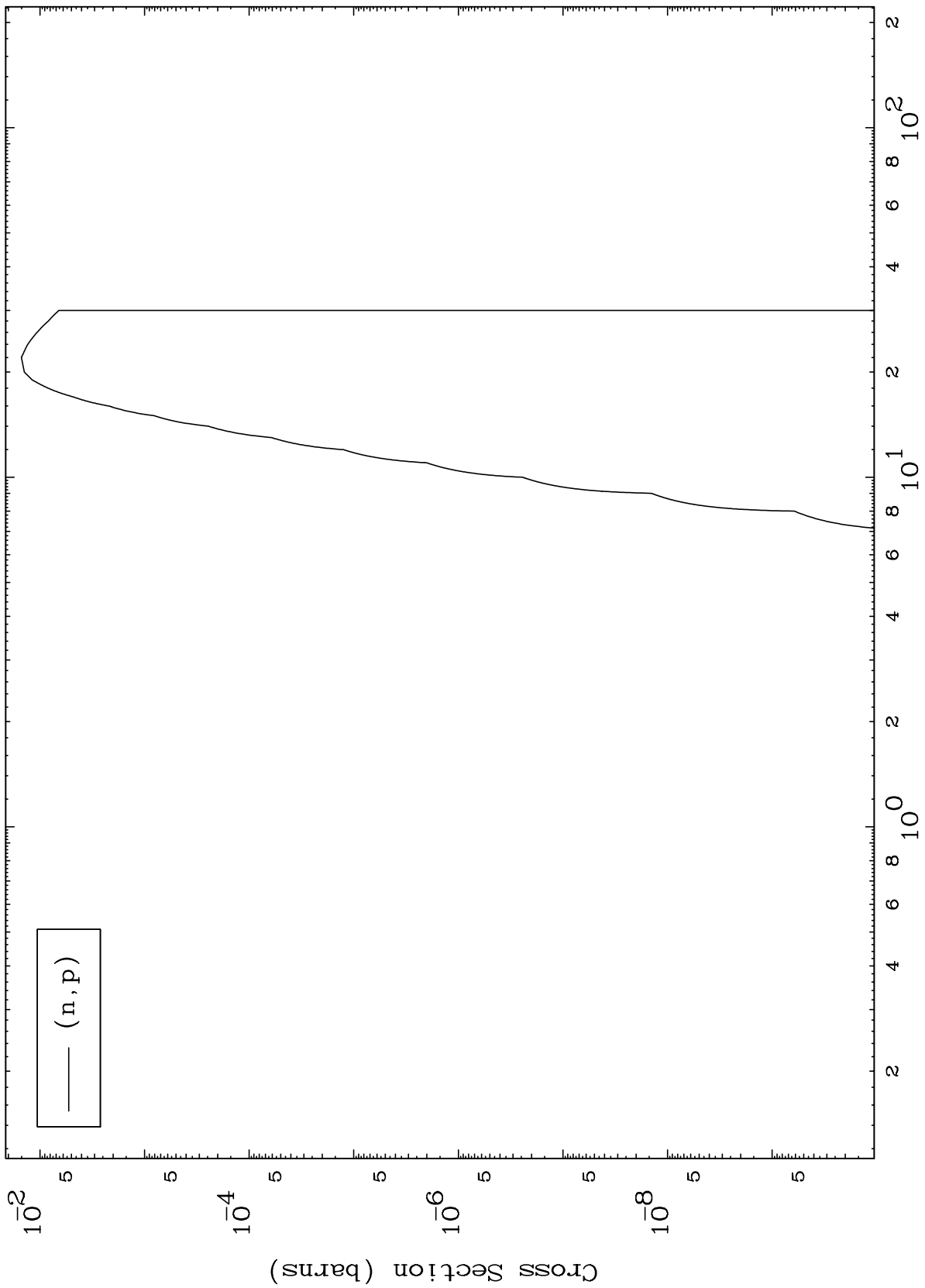


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(He-3,p) Levels

63-Eu-144

0 Kelvin Cross Sections

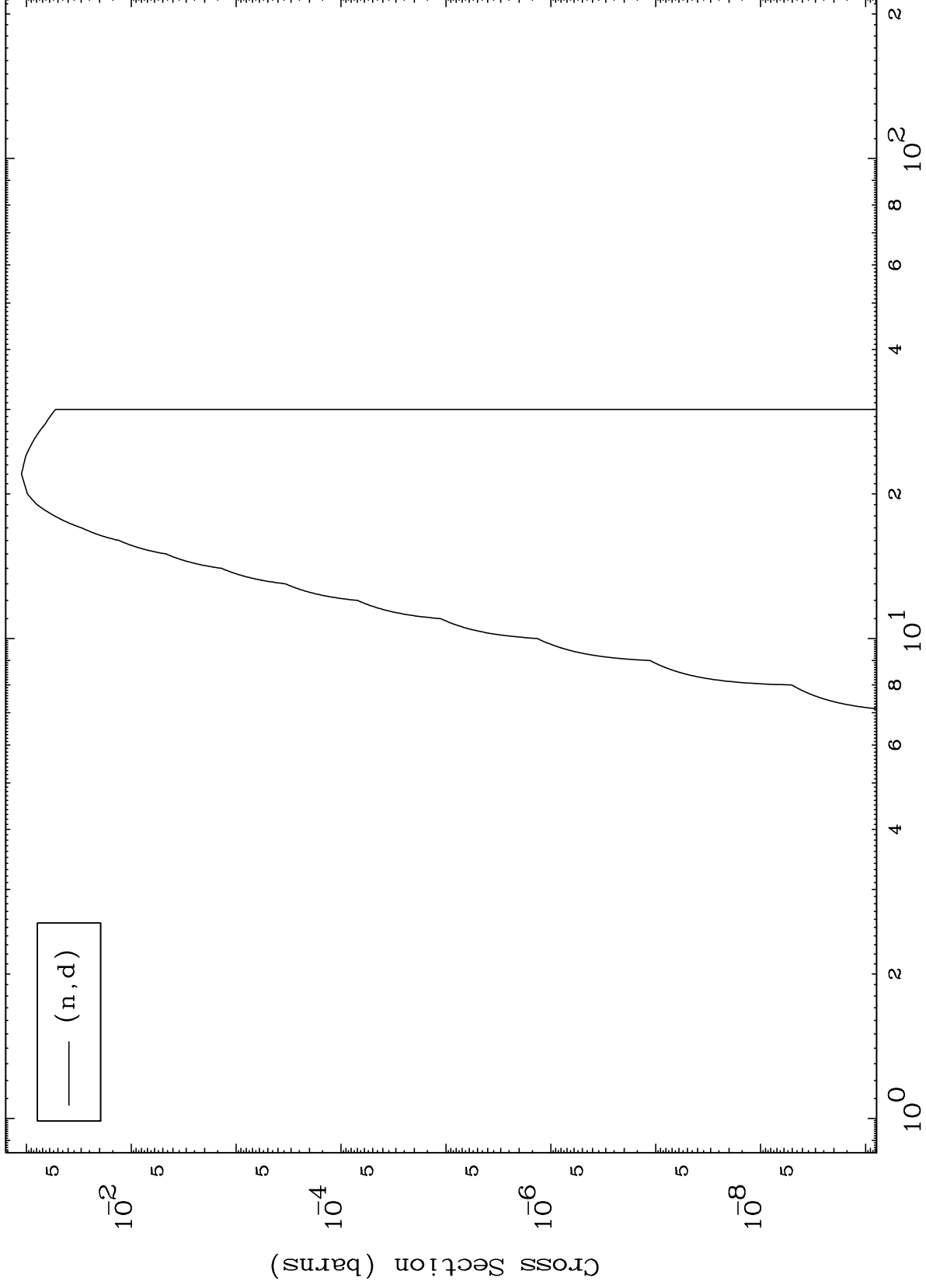


(n,p)

MAT 6304

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

63-Eu-144



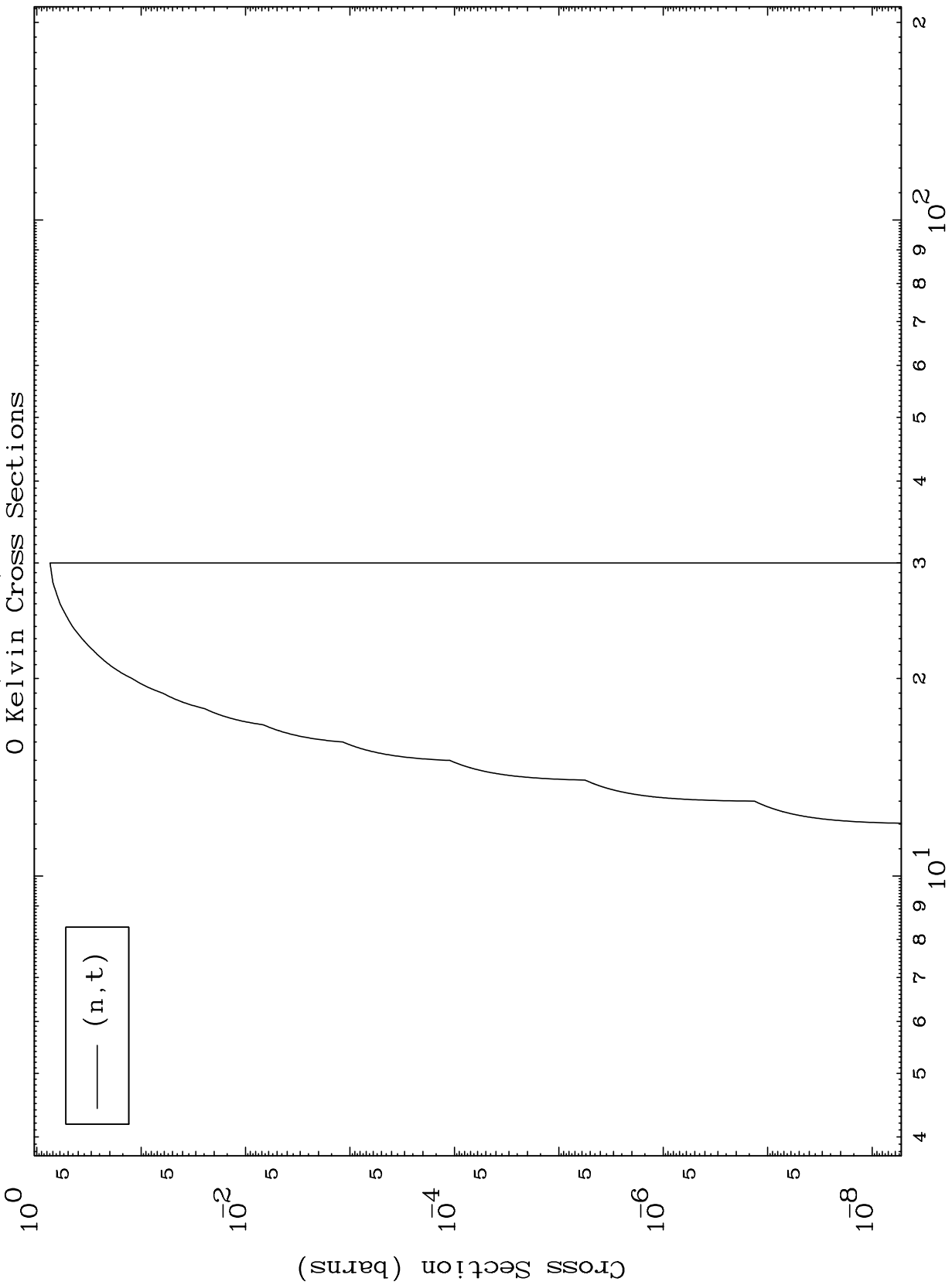
Incident Energy (MeV)

63-Eu-144

MAT 6304

(He-3,t) Levels

63-Eu-144



9

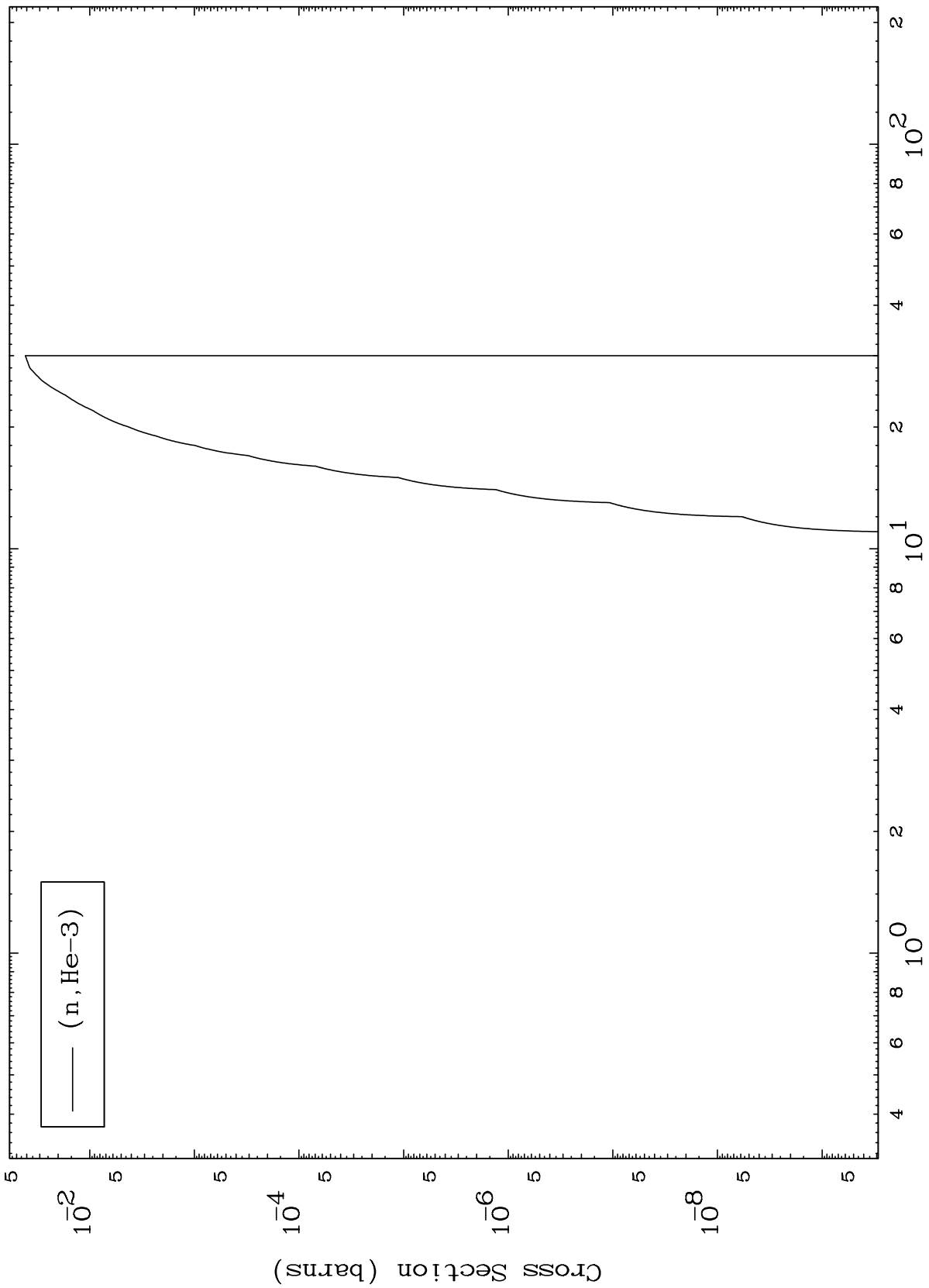
63-Eu-144

MAT 6304

(He-3, He3) Levels

63-Eu-144

0 Kelvin Cross Sections



10

Incident Energy (MeV)

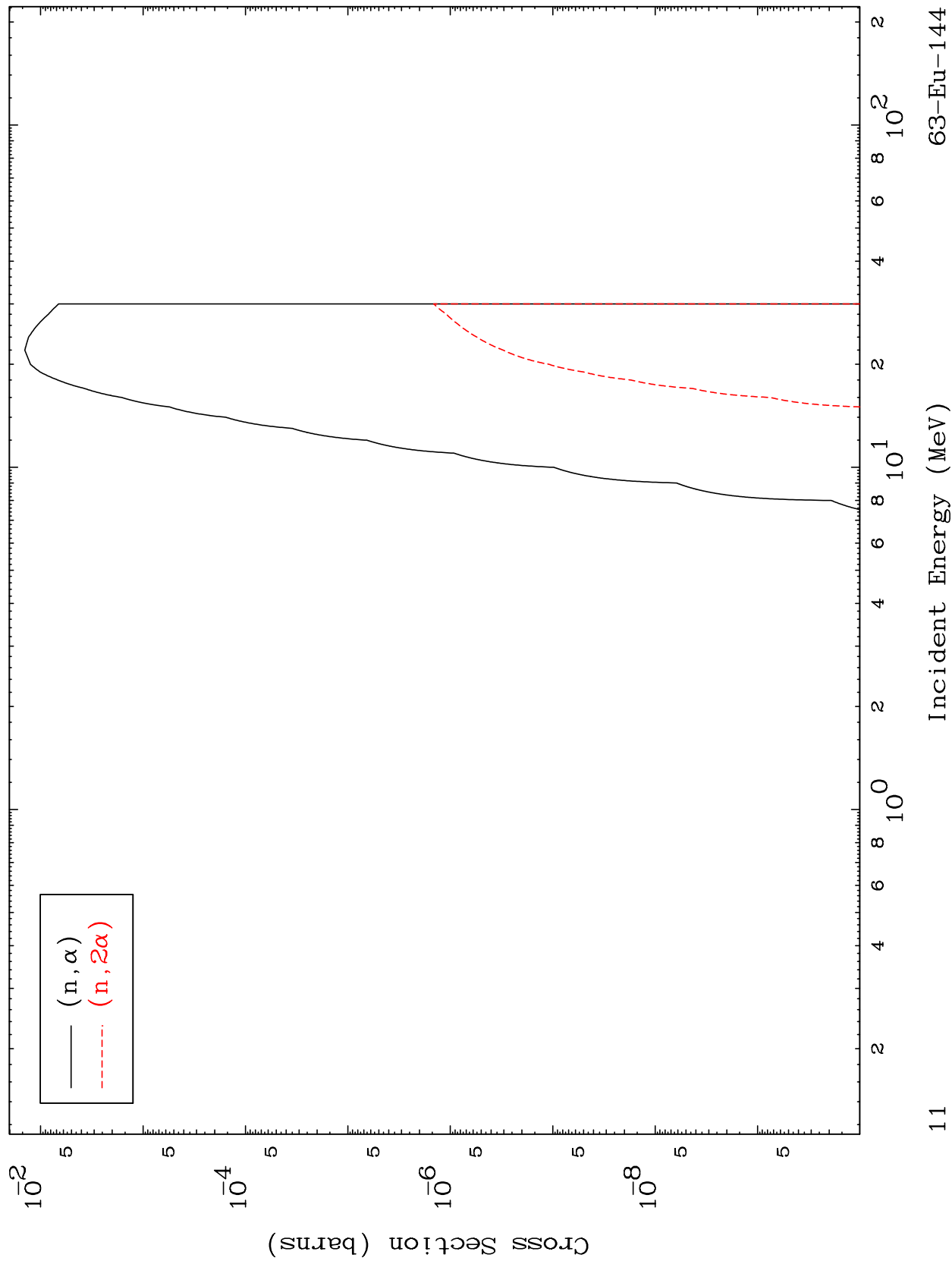
63-Eu-144

MAT 6304

(He-3, α) Levels

63-Eu-144

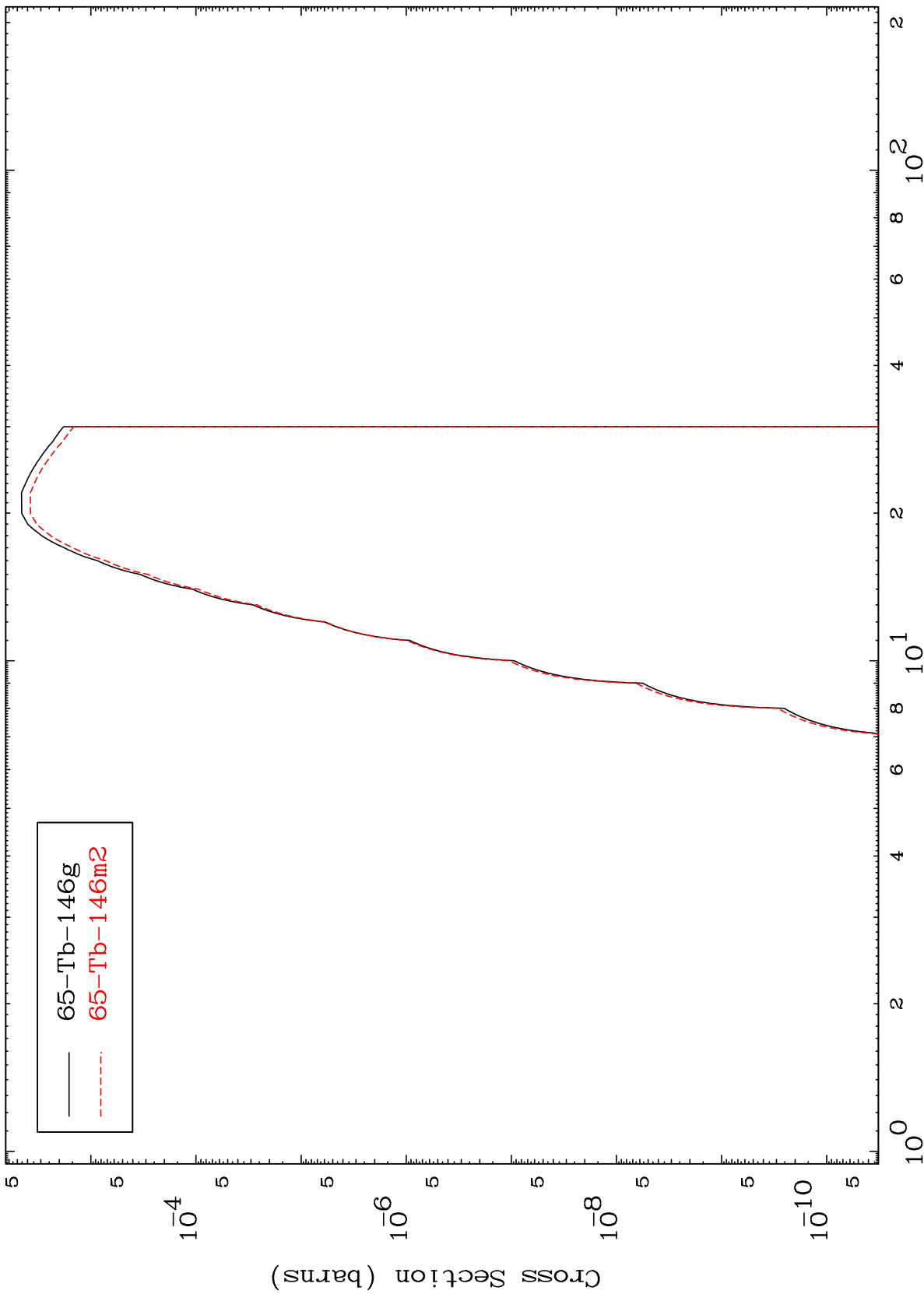
0 Kelvin Cross Sections



MAT 6304

63-Eu-144

Inelastic
Radionuclide Production Cross Section



Incident Energy (MeV)

63-Eu-144

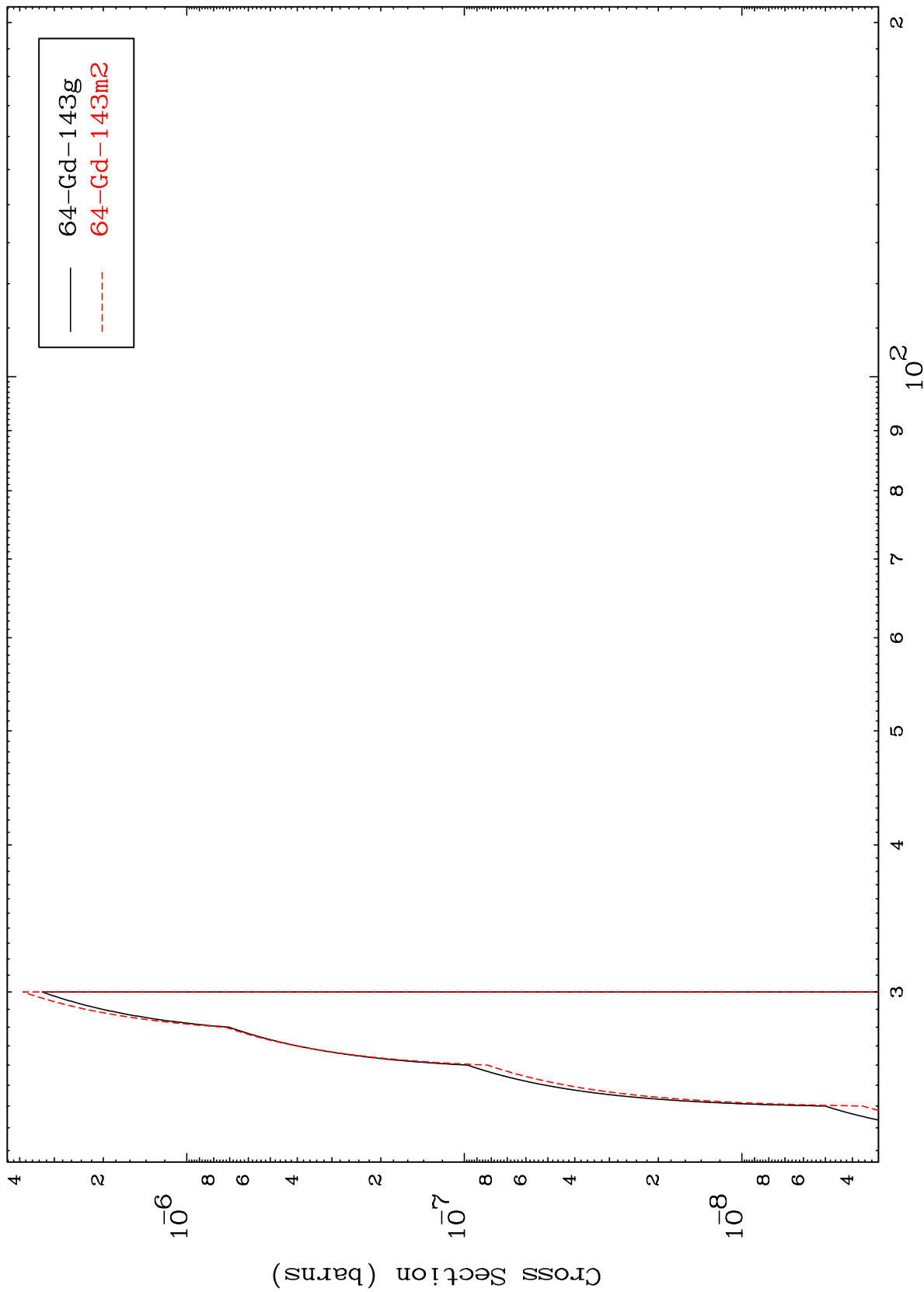
12

MAT 6304

(n,2n) d

63-Eu-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

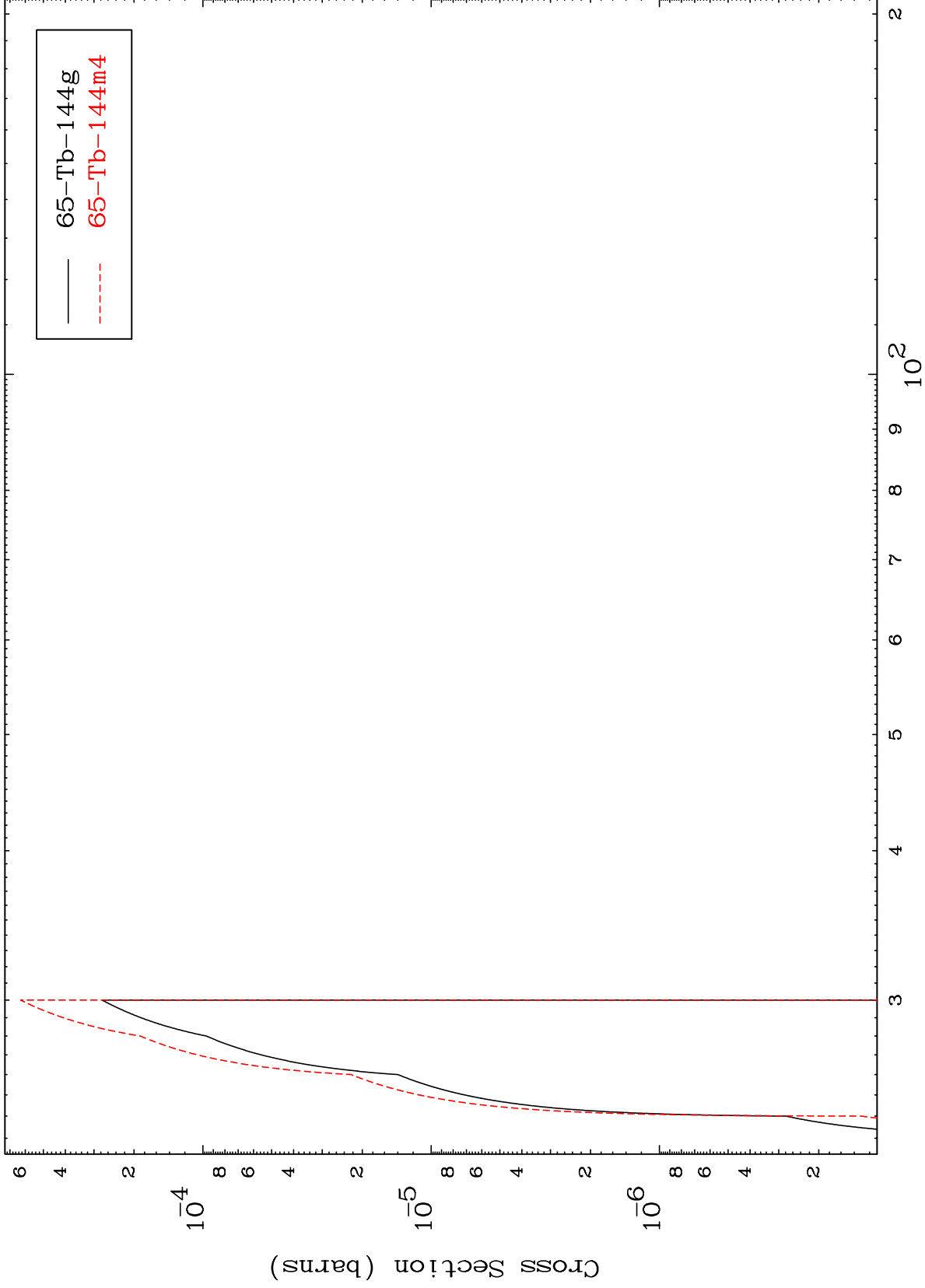
63-Eu-144

MAT 6304

(n,3n)

63-Eu-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

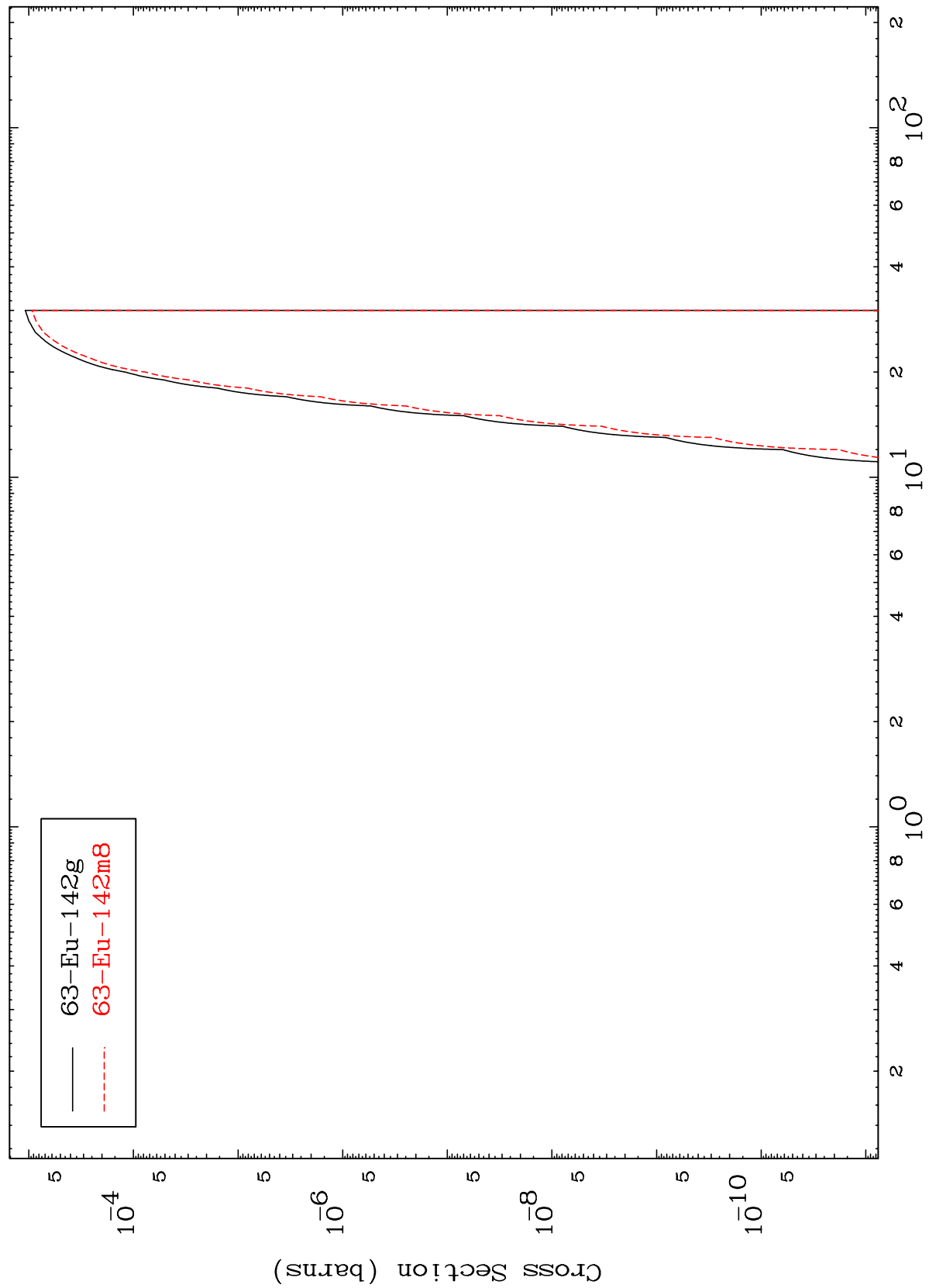
63-Eu-144

MAT 6304

$(n, n') \alpha$

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

Radionuclide Production Cross Section

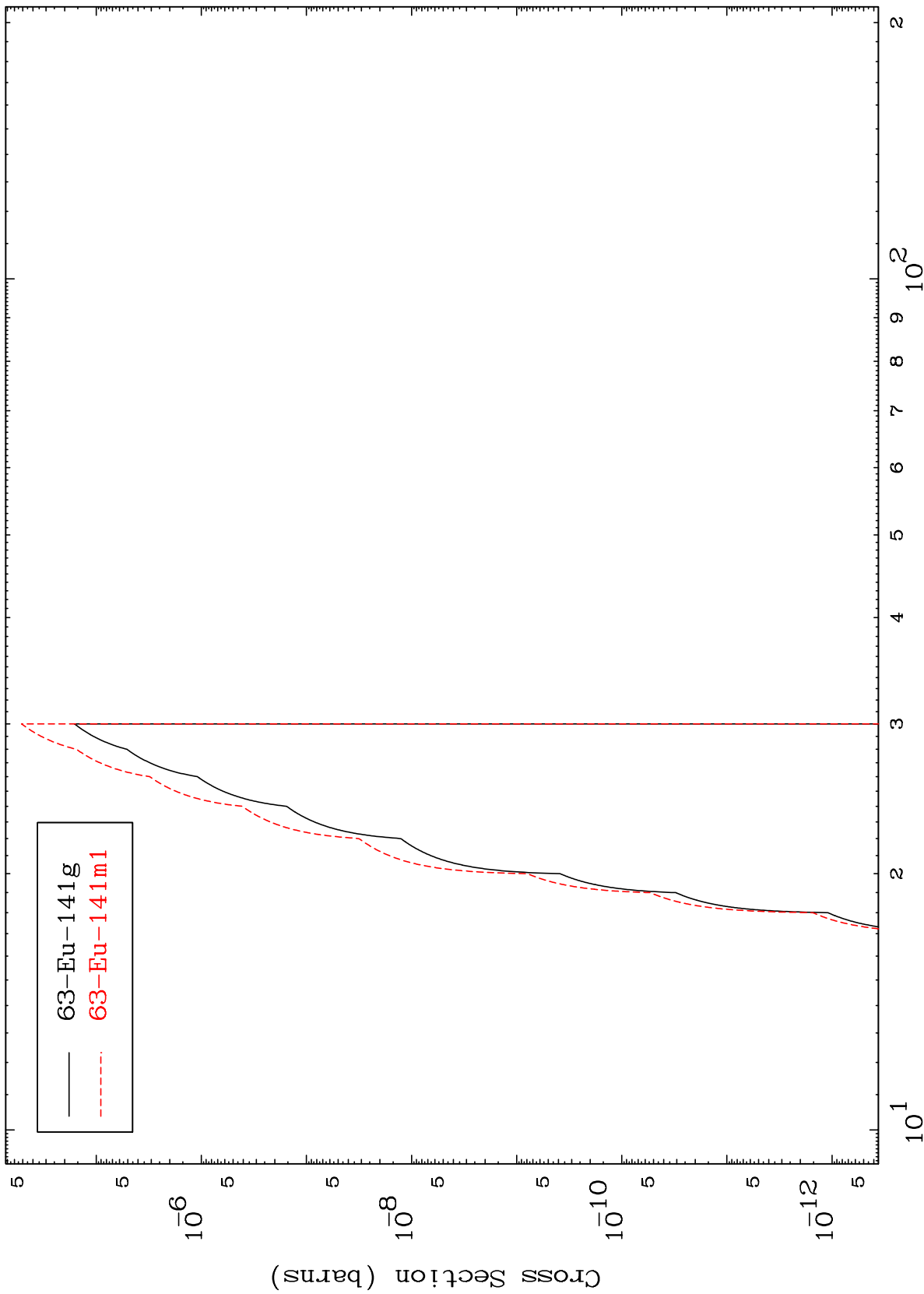


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63-Eu-144

(n,2n) α

Radionuclide Production Cross Section



63-Eu-144

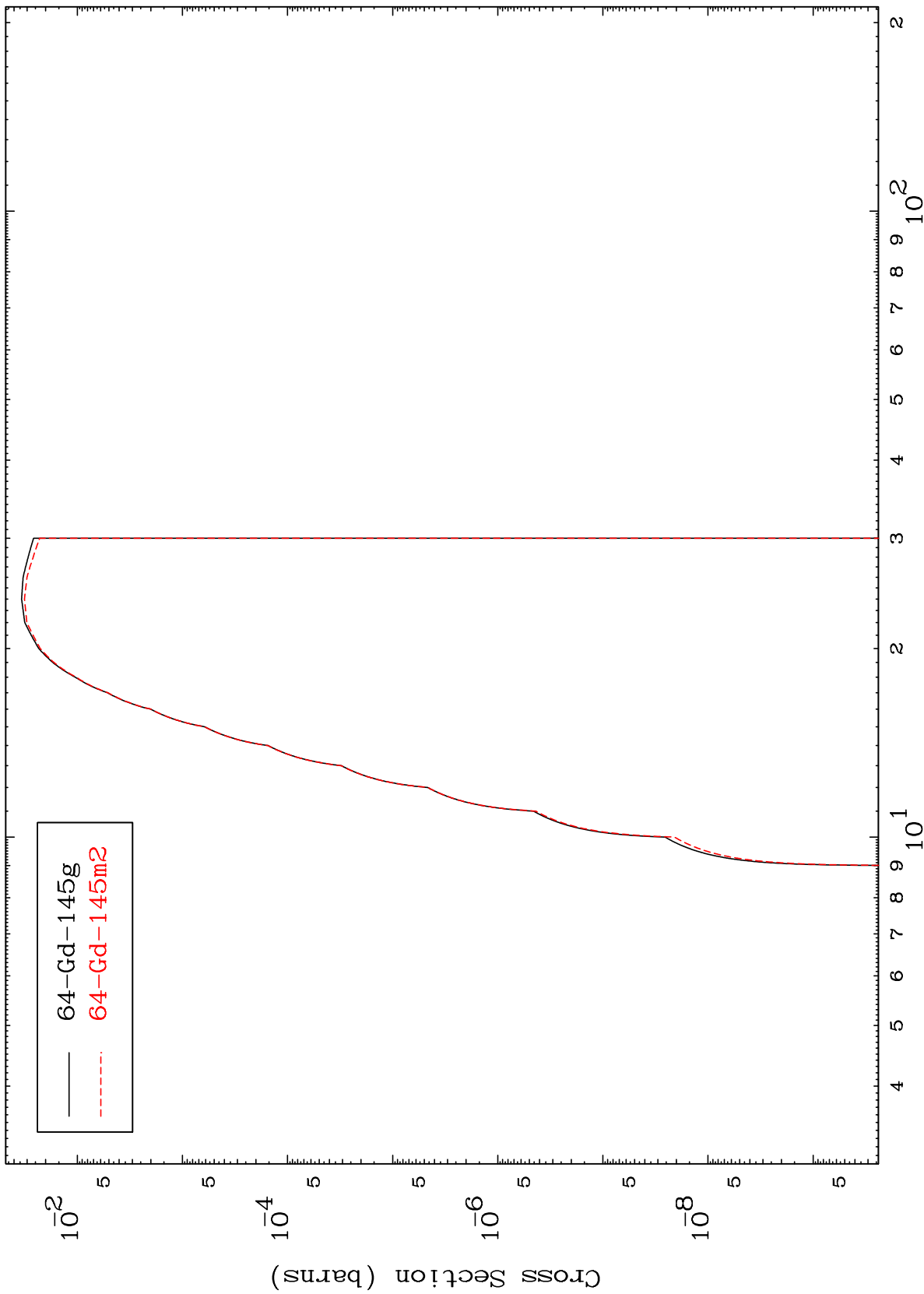
Incident Energy (MeV)

16

MAT 6304

63-Eu-144

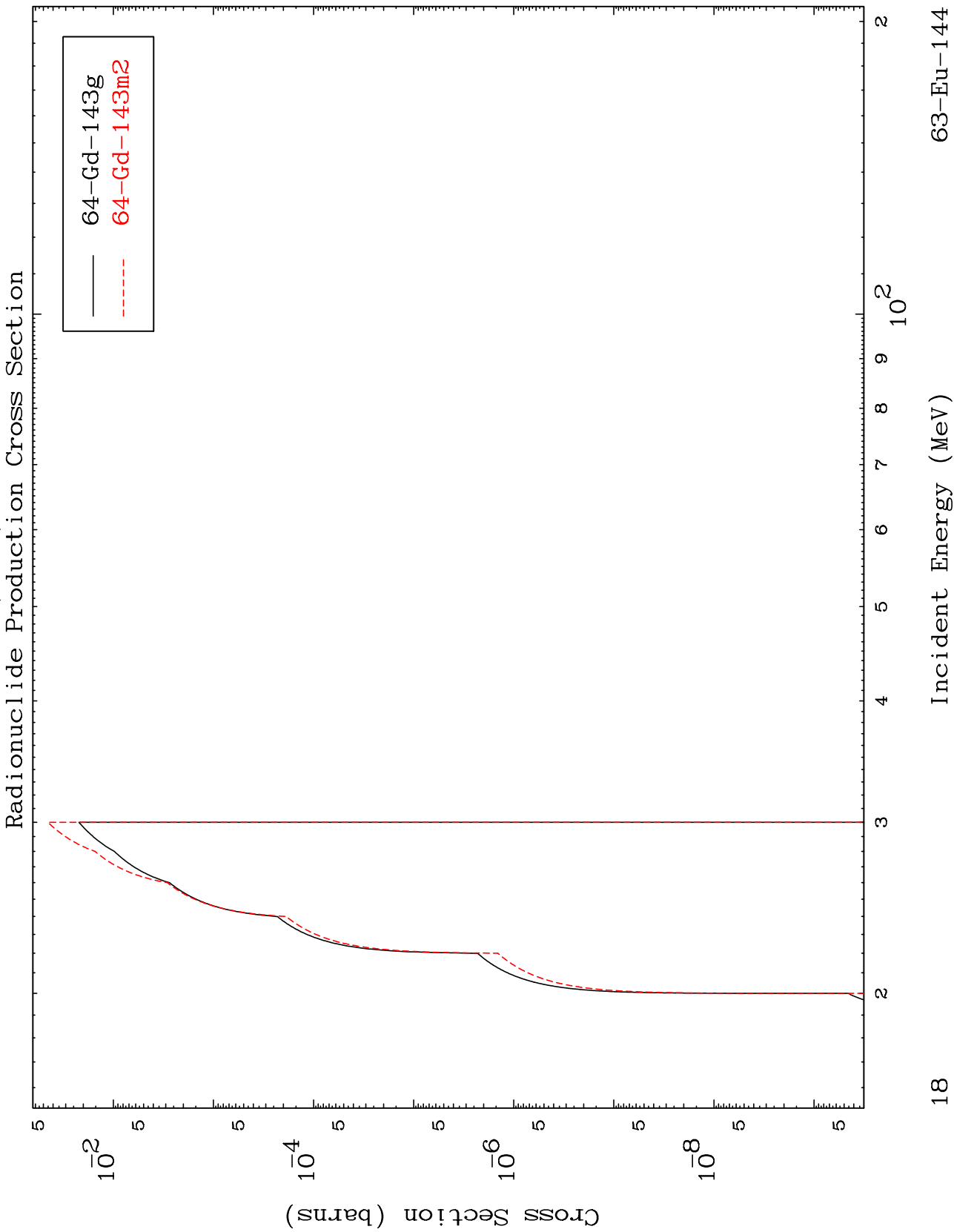
(n,n') p
Radionuclide Production Cross Section



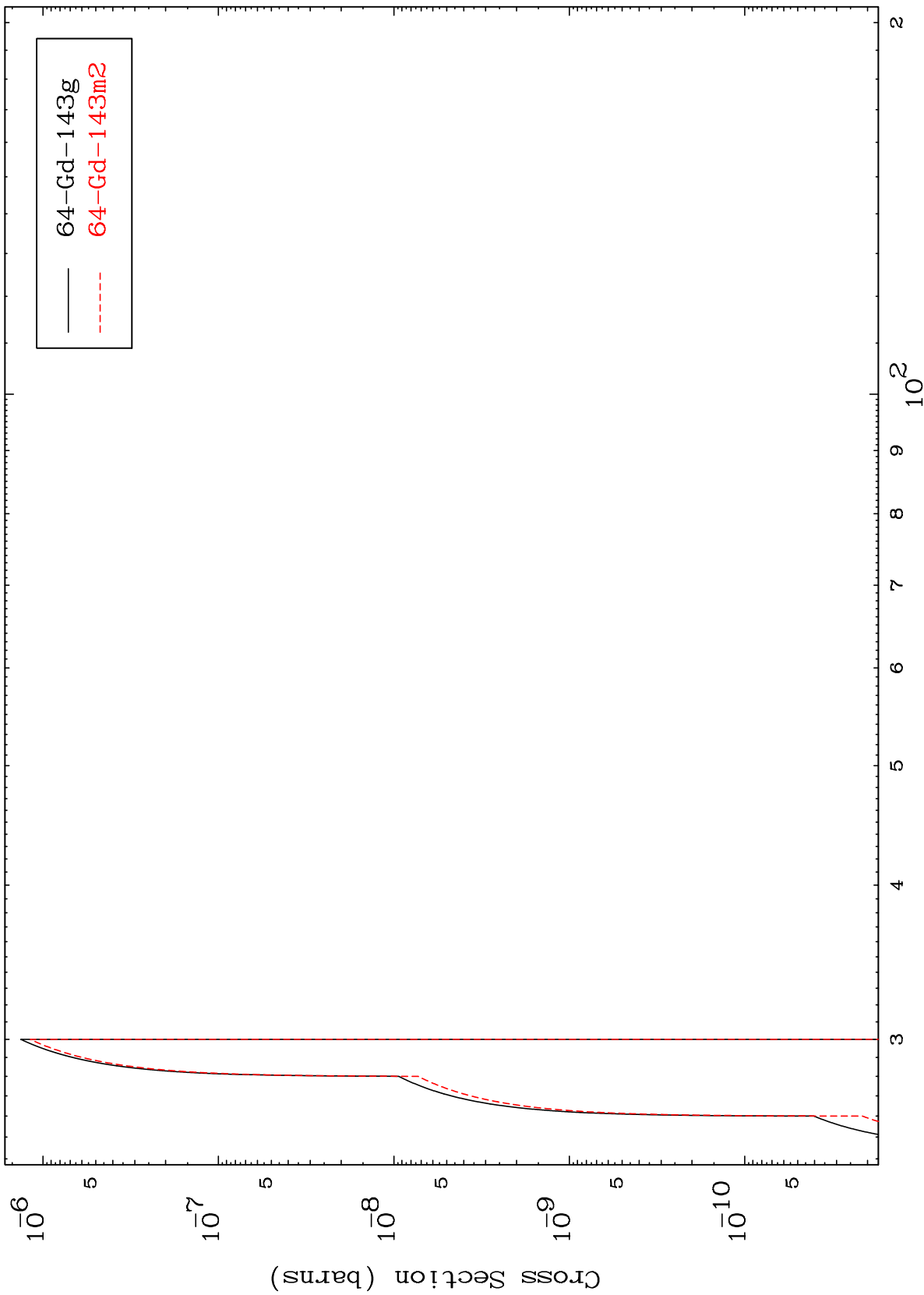
17

Incident Energy (MeV)

63-Eu-144



Radionuclide Production Cross Section



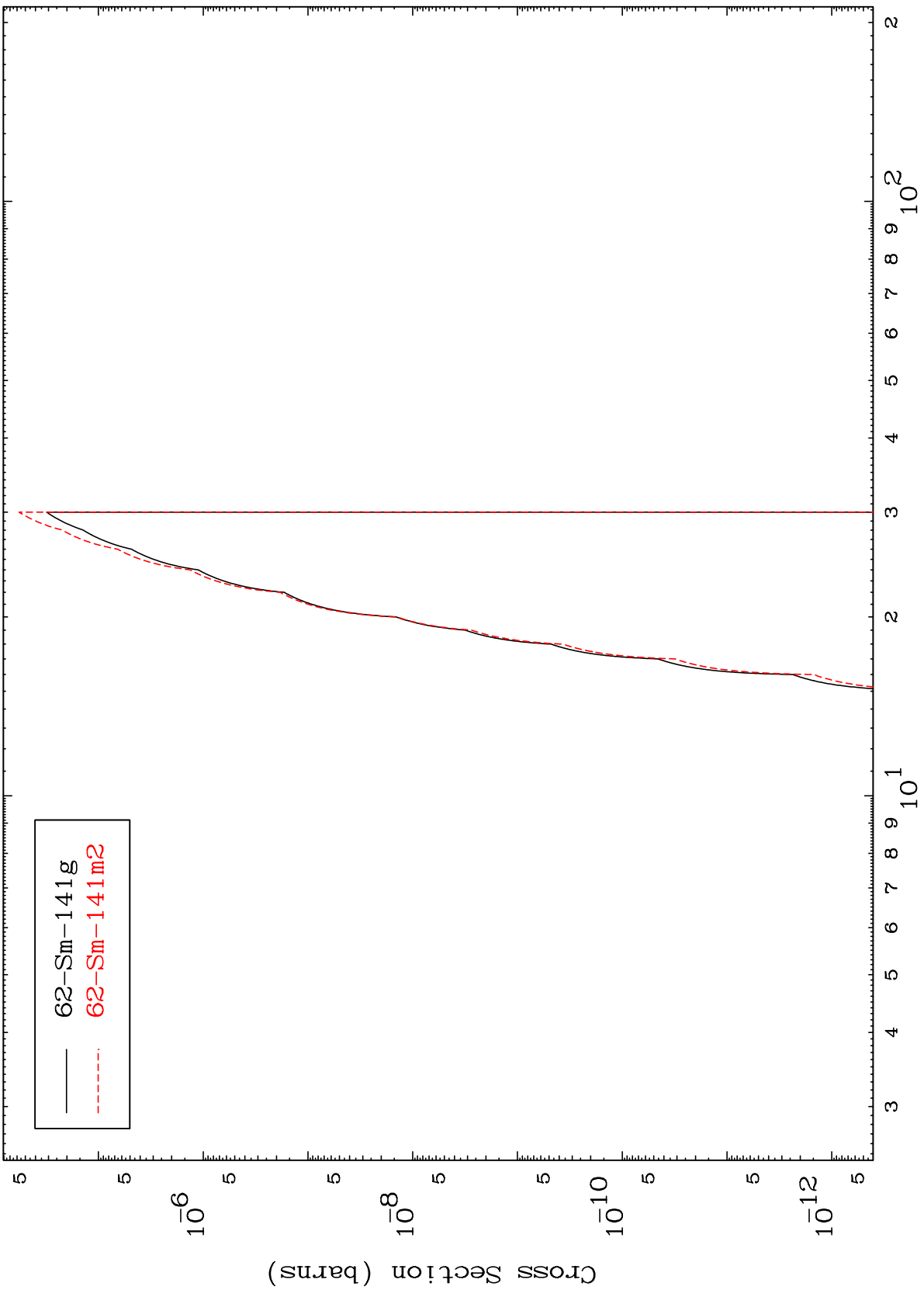
64-Gd-143g
64-Gd-143m2

MAT 6304

(n,n') p α

63-Eu-144

Radionuclide Production Cross Section



62-Sm-141g
62-Sm-141m2

20

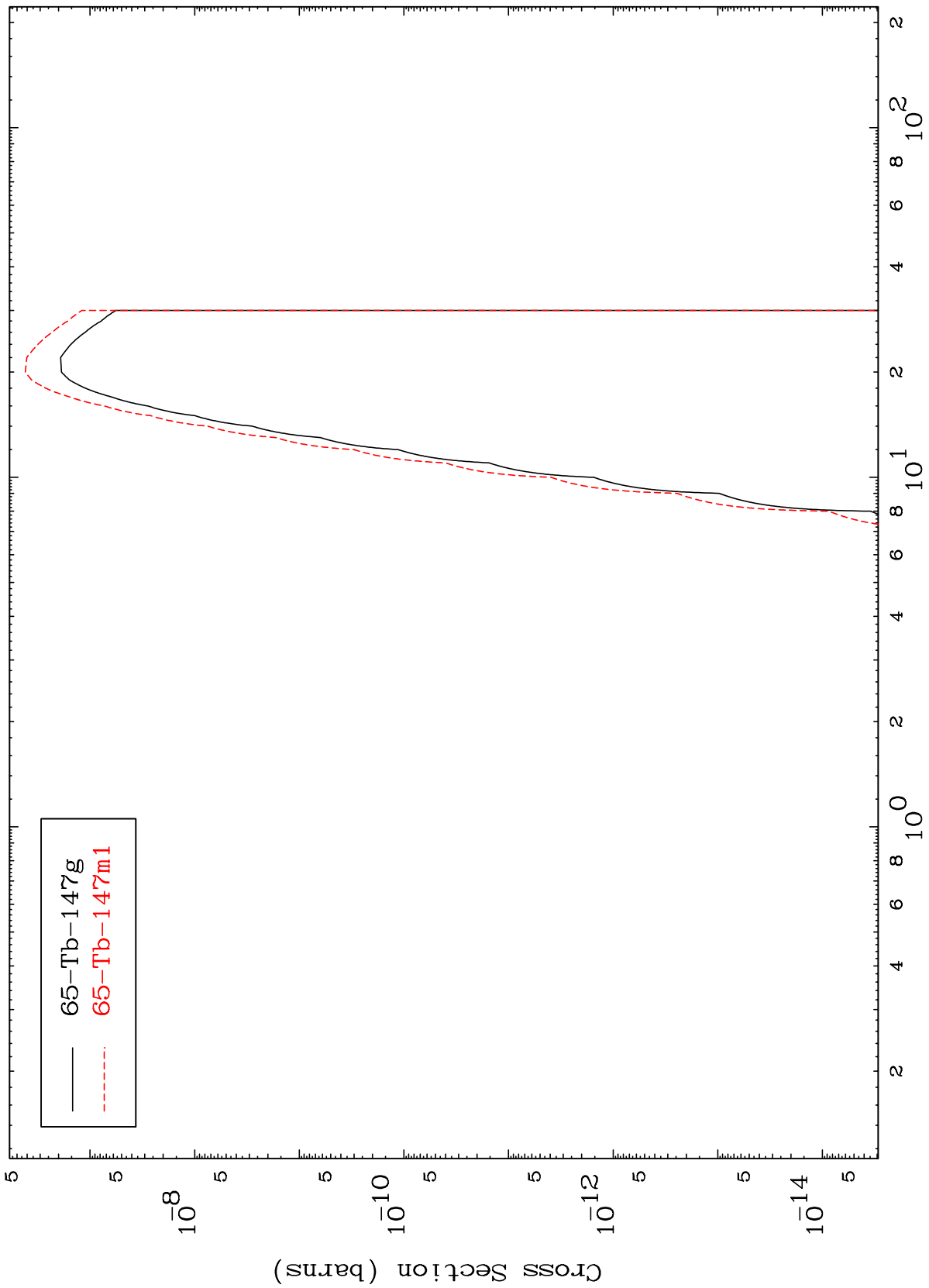
Incident Energy (MeV)

63-Eu-144

MAT 6304

63-Eu-144

(n, γ)
Radionuclide Production Cross Section



63-Eu-144

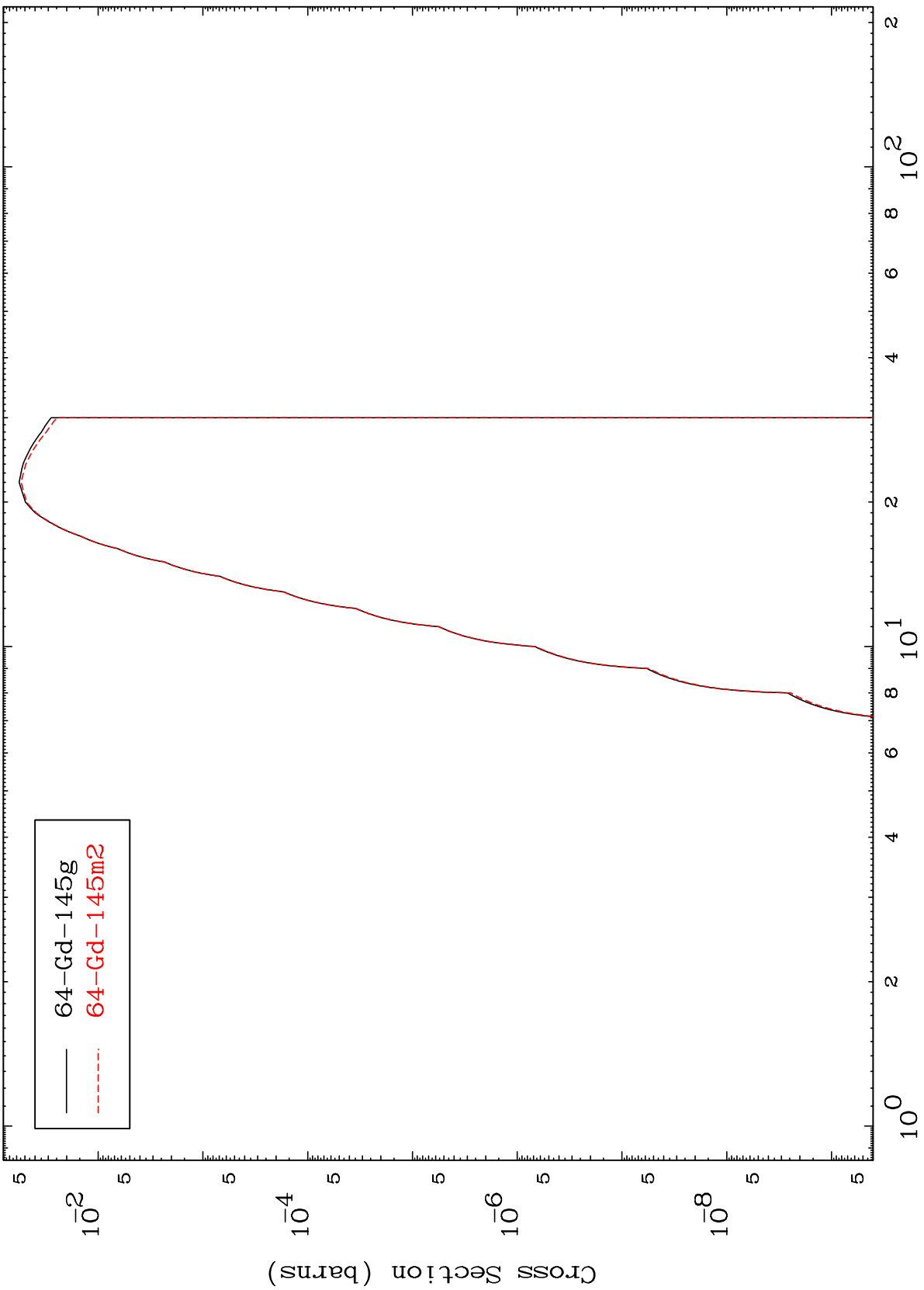
Incident Energy (MeV)

MAT 6304

(n,d)

63-Eu-144

Radionuclide Production Cross Section



22

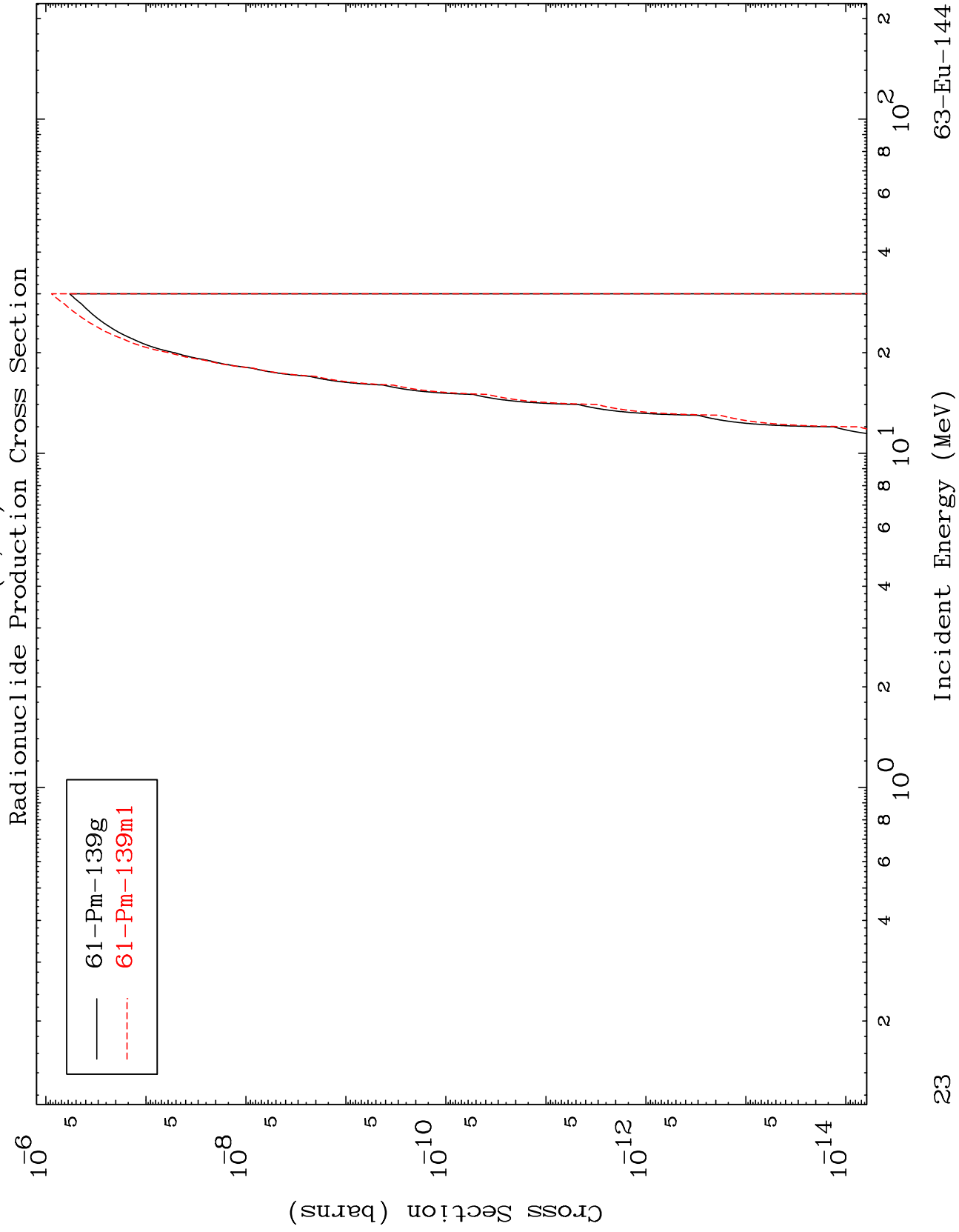
Incident Energy (MeV)

63-Eu-144

MAT 6304

(n,2α)

63-Eu-144



MAT 6304

(n,d) α

63-Eu-144

