

Program EVALPLOT
(Version 2021-1)

by

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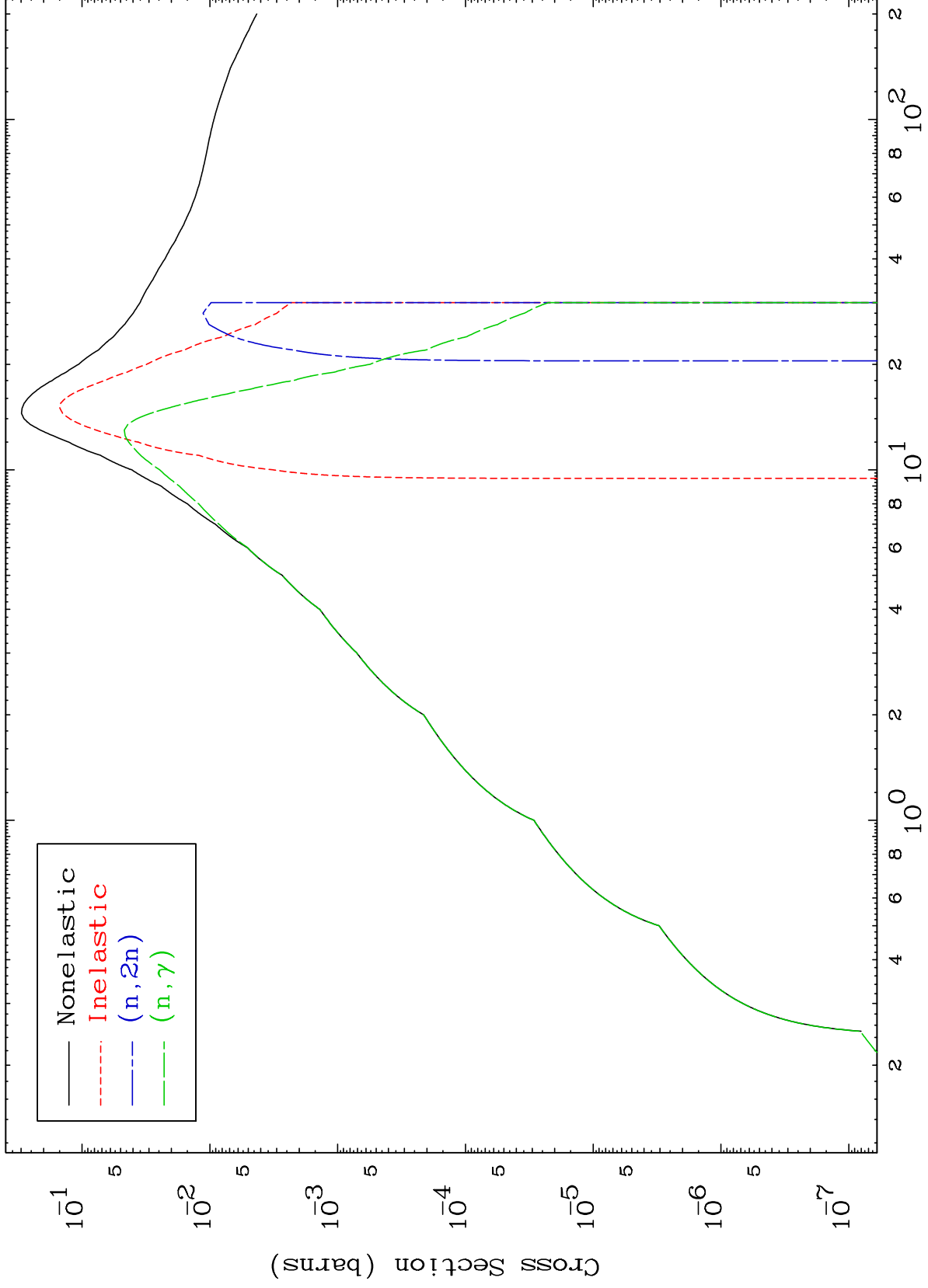
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6298

Photon Major
0 Kelvin Cross Sections

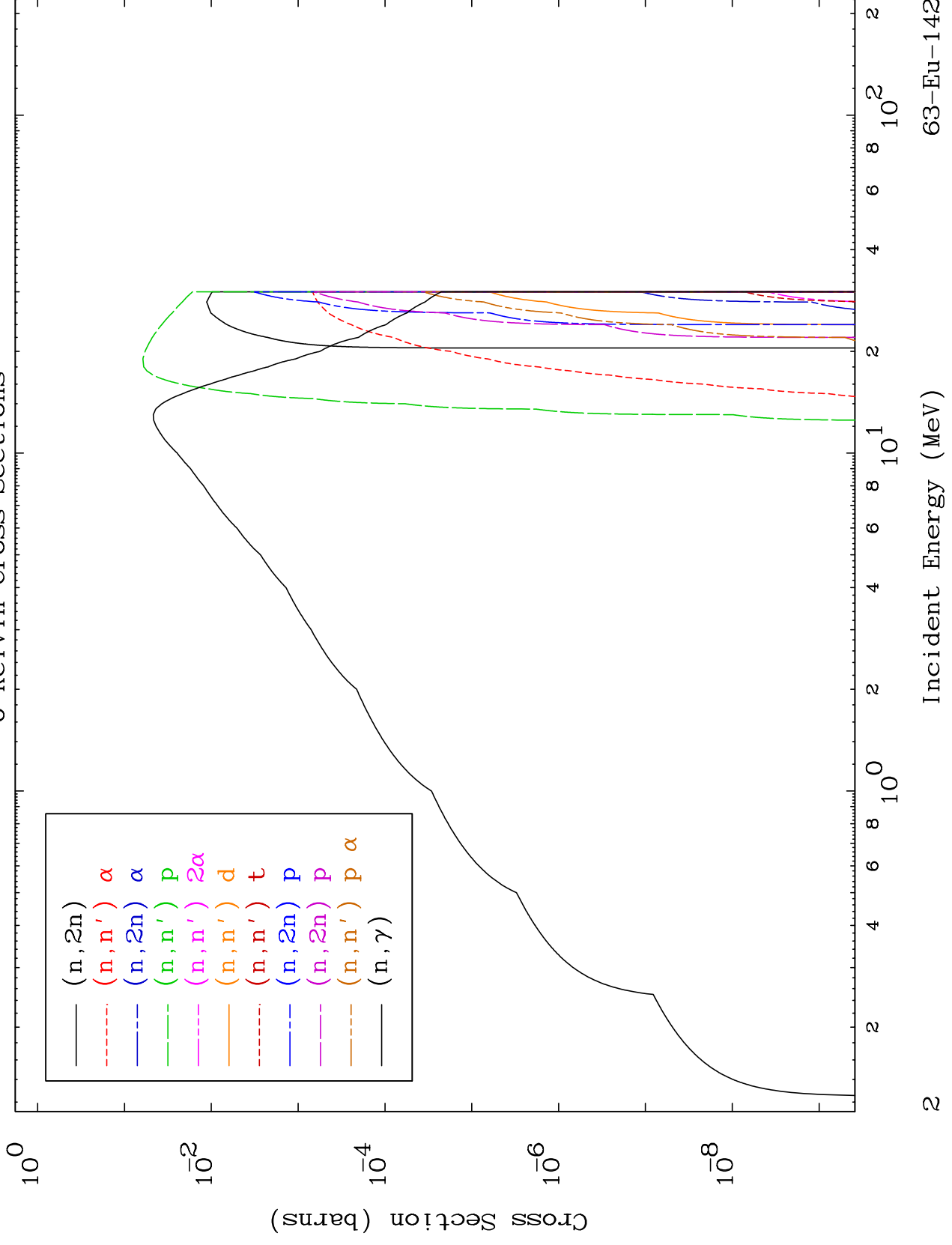
63-Eu-142



MAT 6298

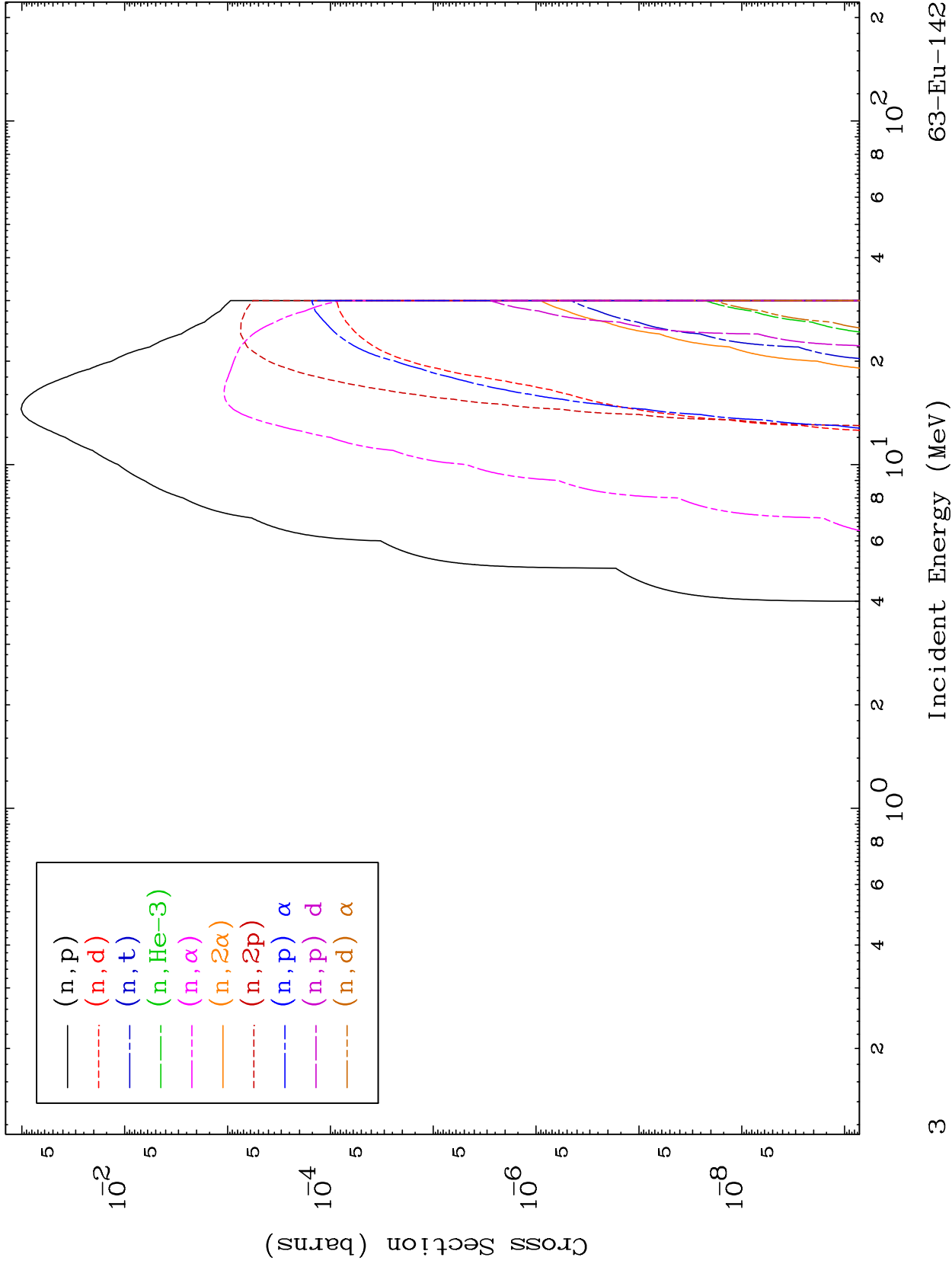
Photon Neutron Absorption
0 Kelvin Cross Sections

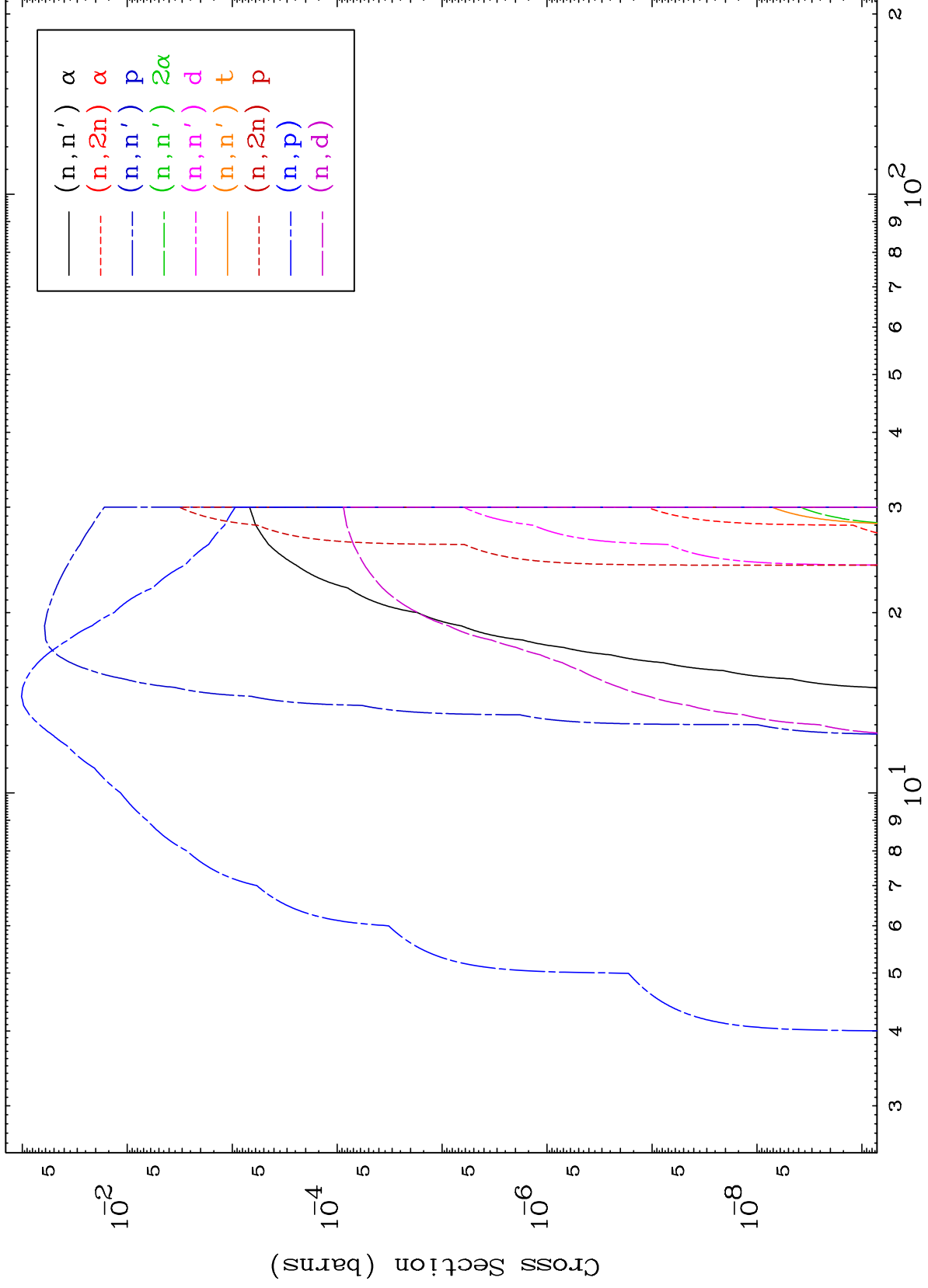
63-Eu-142

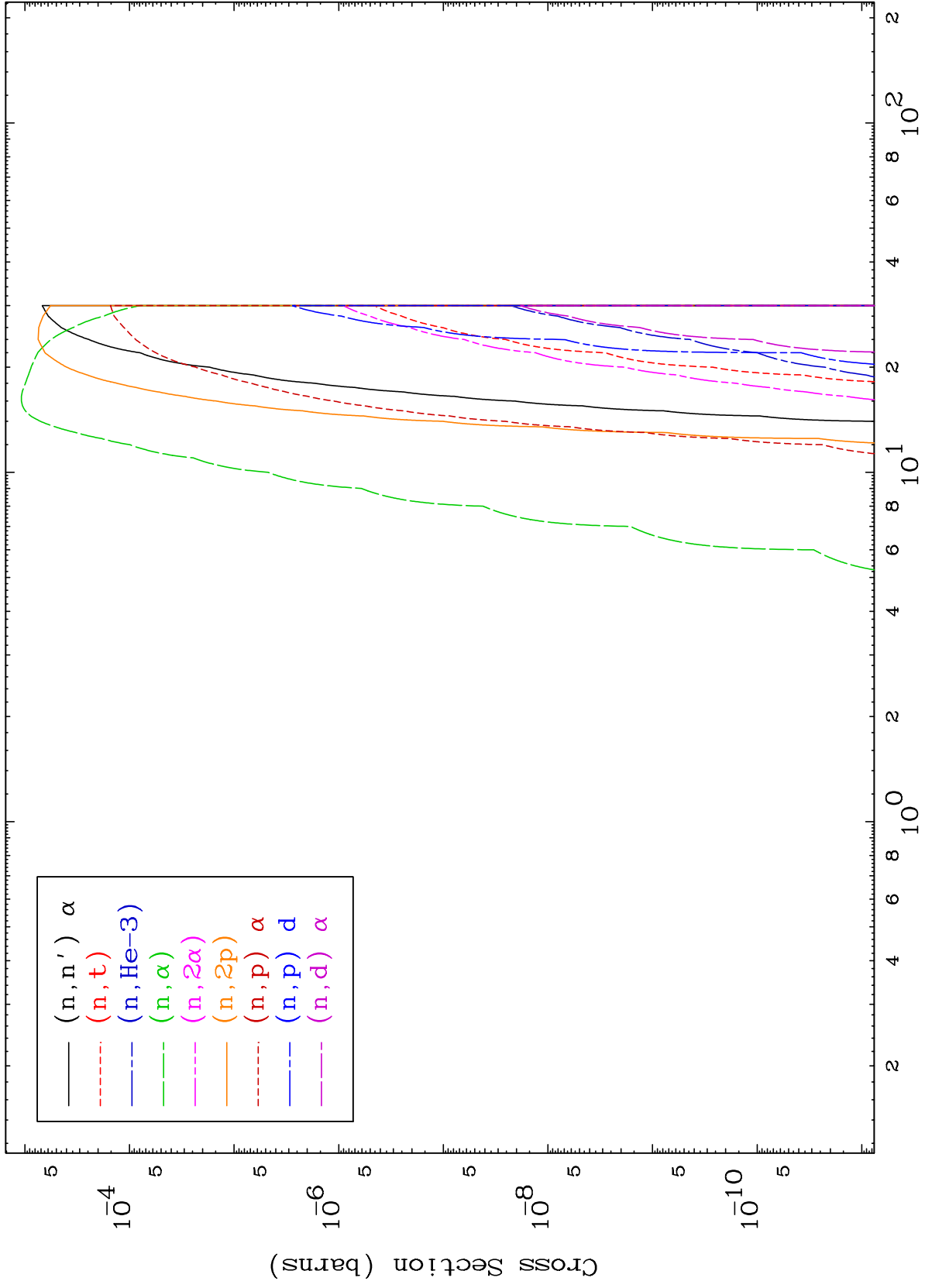


63-Eu-142

Incident Energy (MeV)





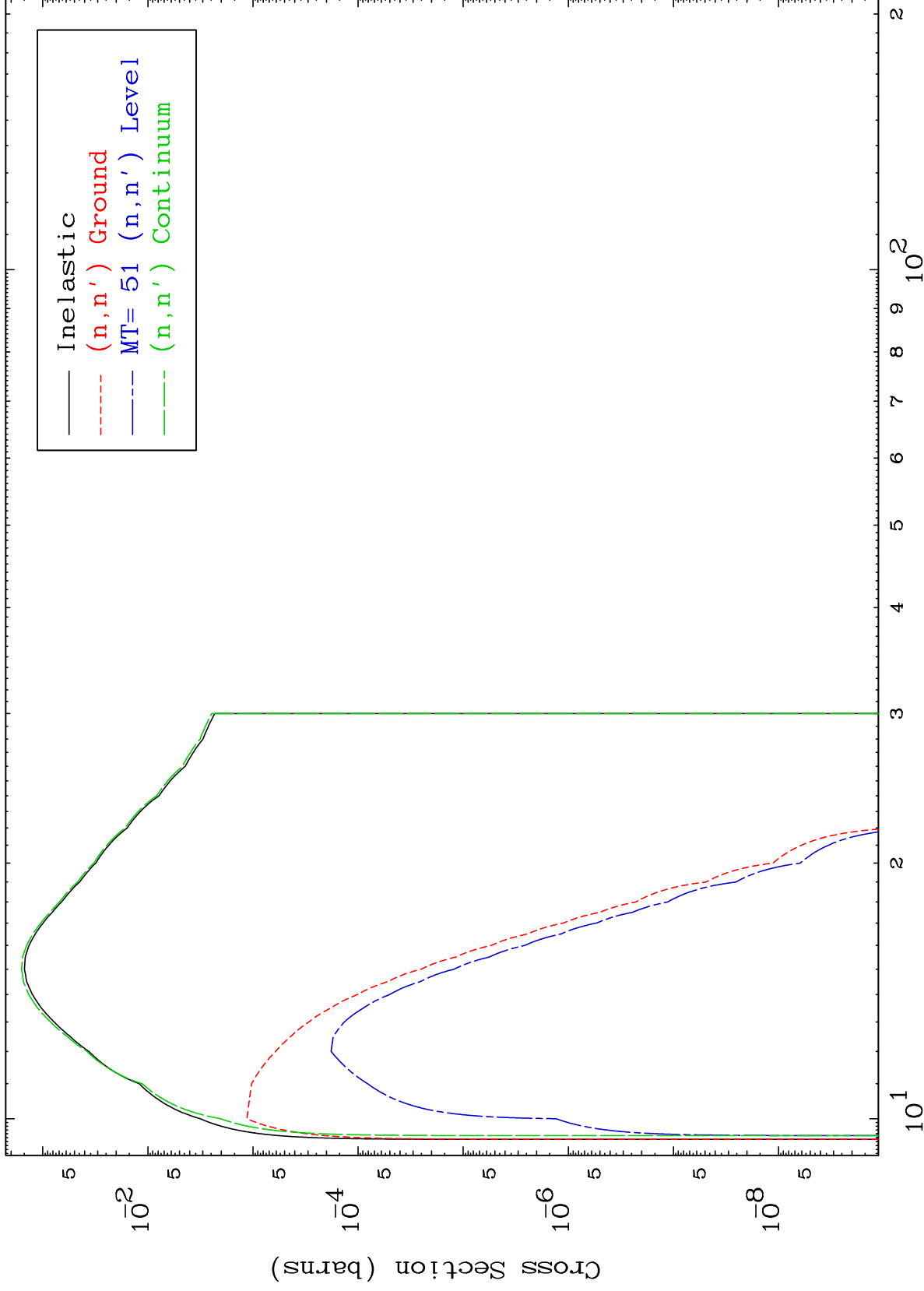


MAT 6298

(γ, n') Levels

63-Eu-142

0 Kelvin Cross Sections



Incident Energy (MeV)

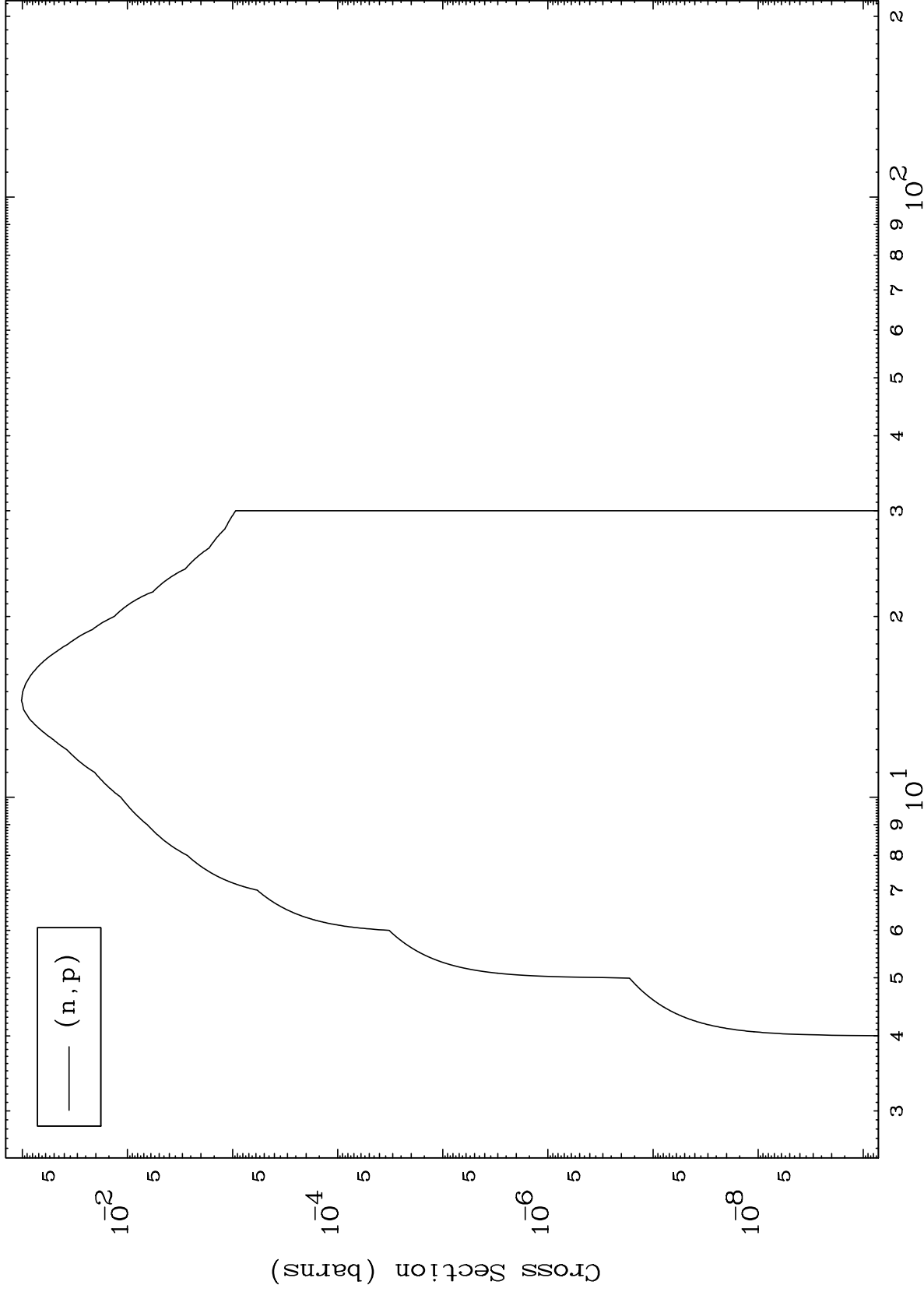
63-Eu-142

MAT 6298

(γ, p) Levels

63-Eu-142

0 Kelvin Cross Sections



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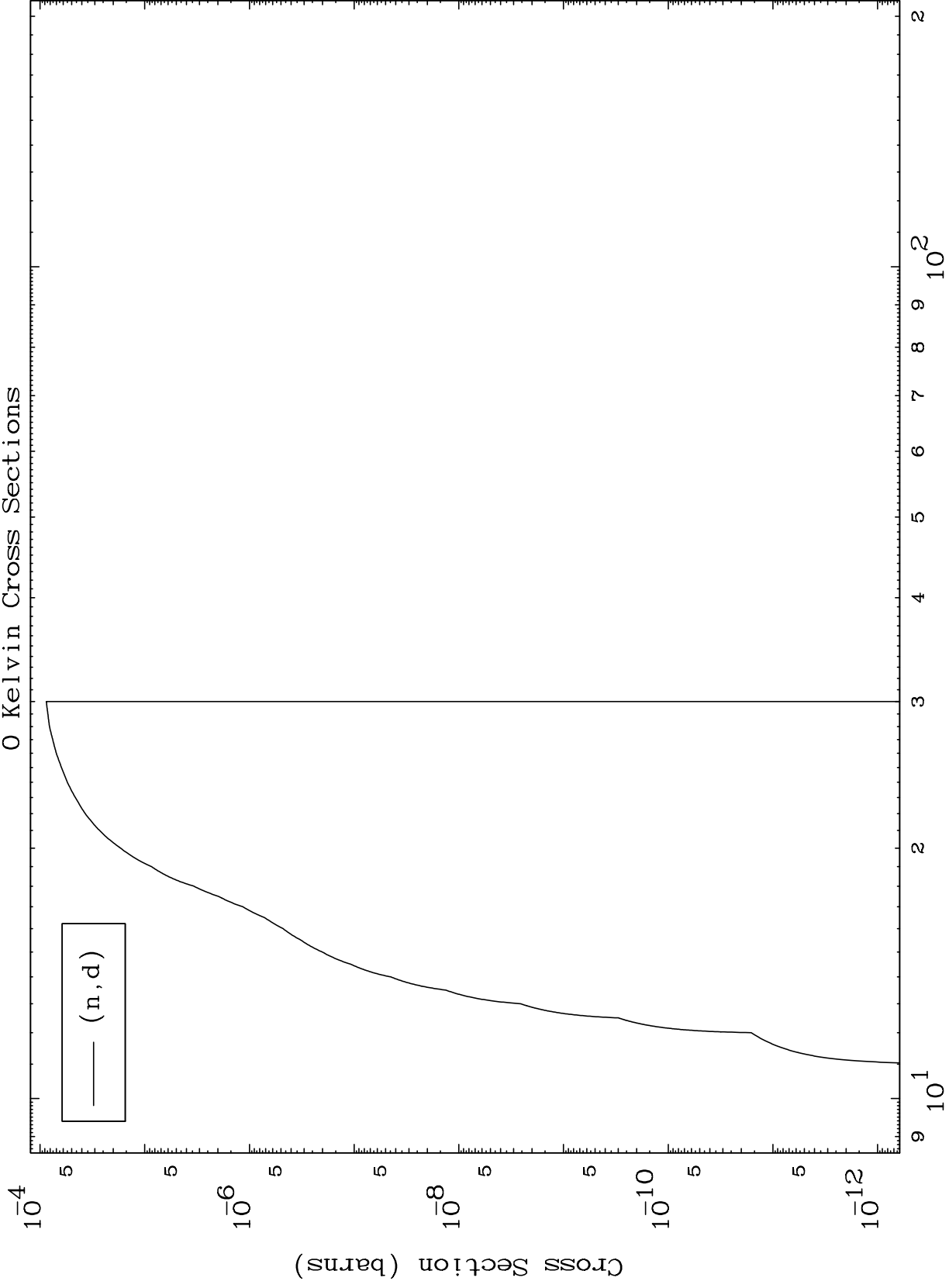
Incident Energy (MeV)

63-Eu-142

MAT 6298

(γ, d) Levels
0 Kelvin Cross Sections

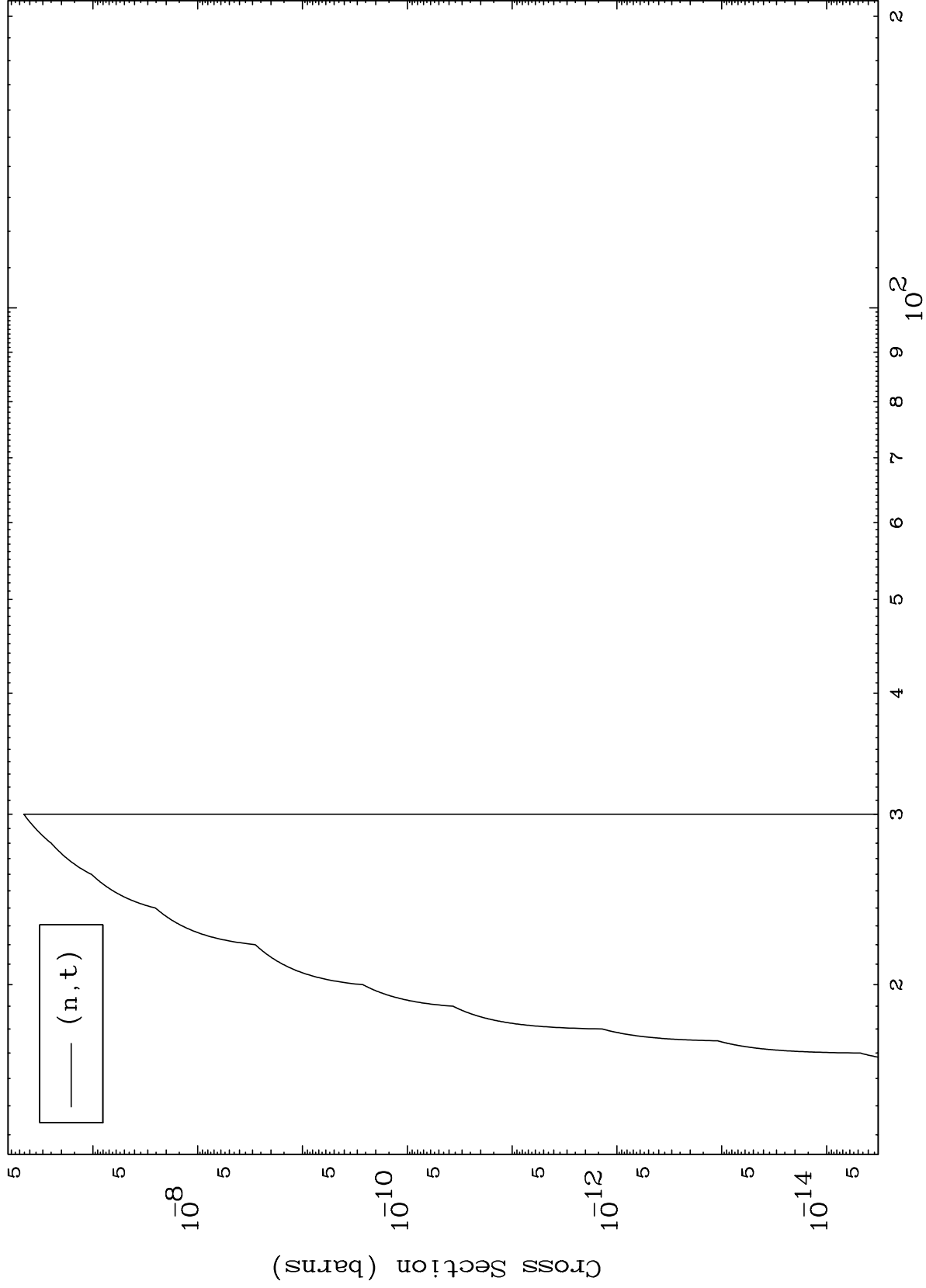
63-Eu-142



Incident Energy (MeV)

63-Eu-142

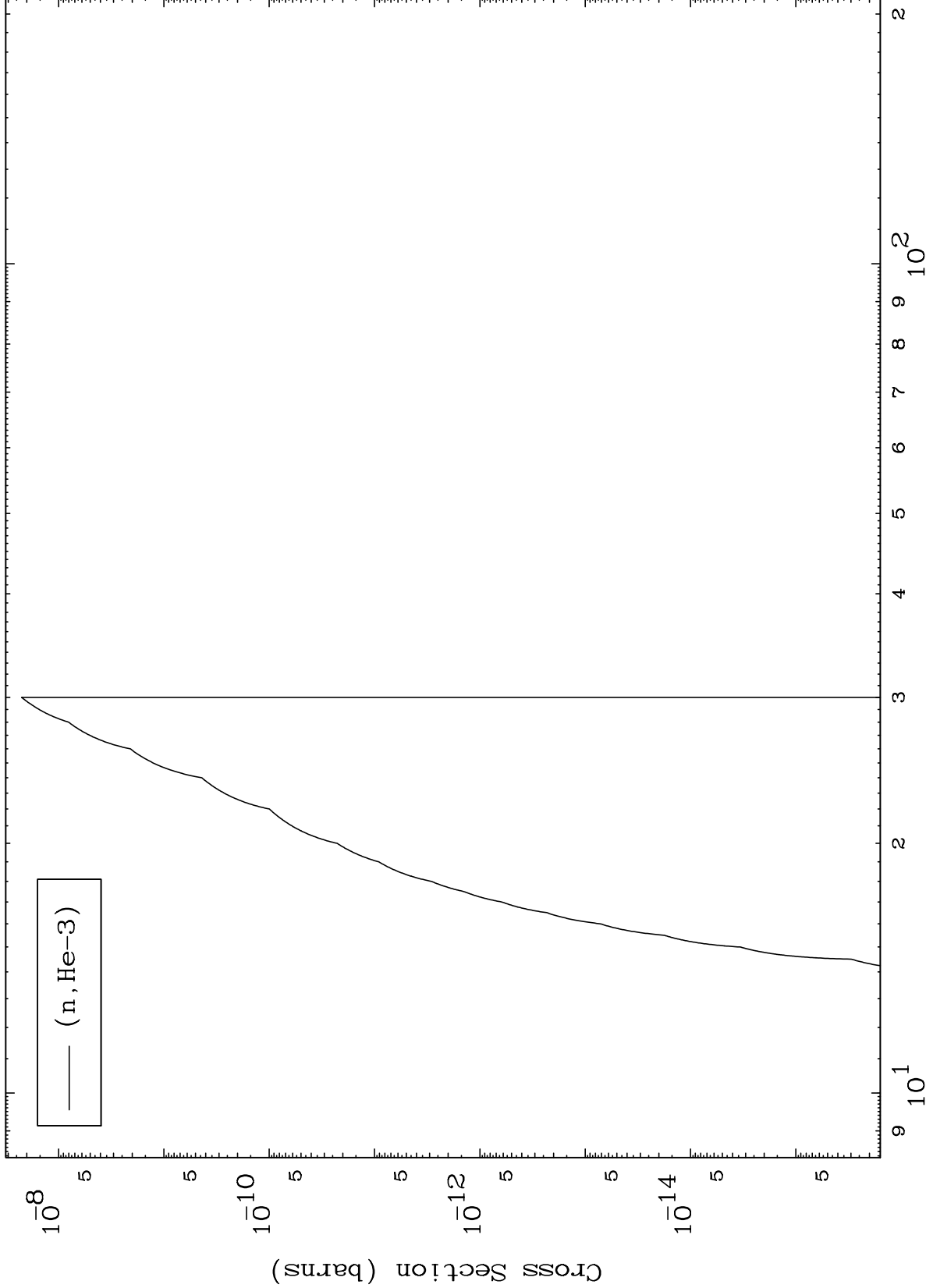
8



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(γ , He3) Levels
0 Kelvin Cross Sections

63-Eu-142



10

Incident Energy (MeV)

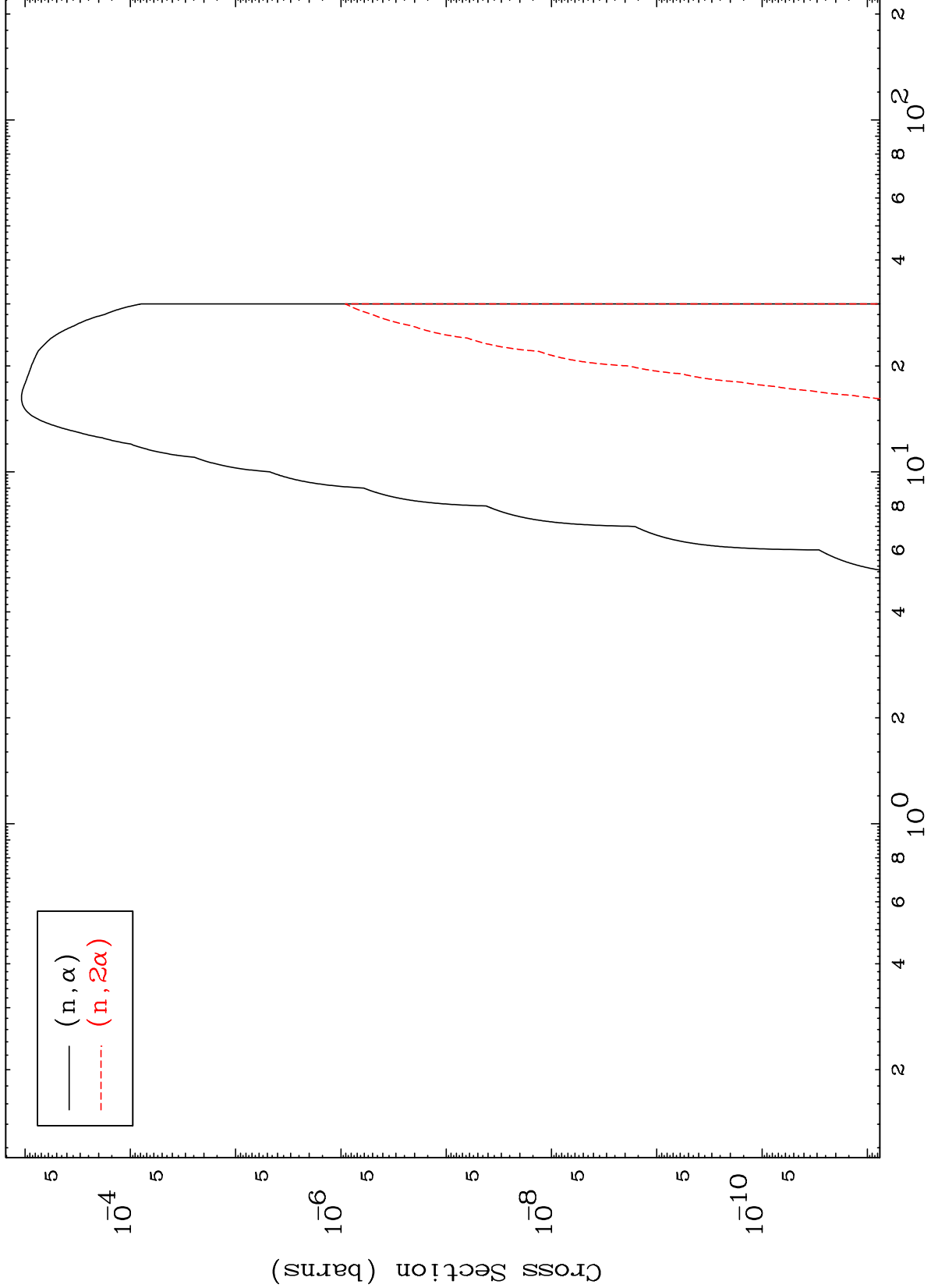
63-Eu-142

MAT 6298

(γ, α) Levels

63-Eu-142

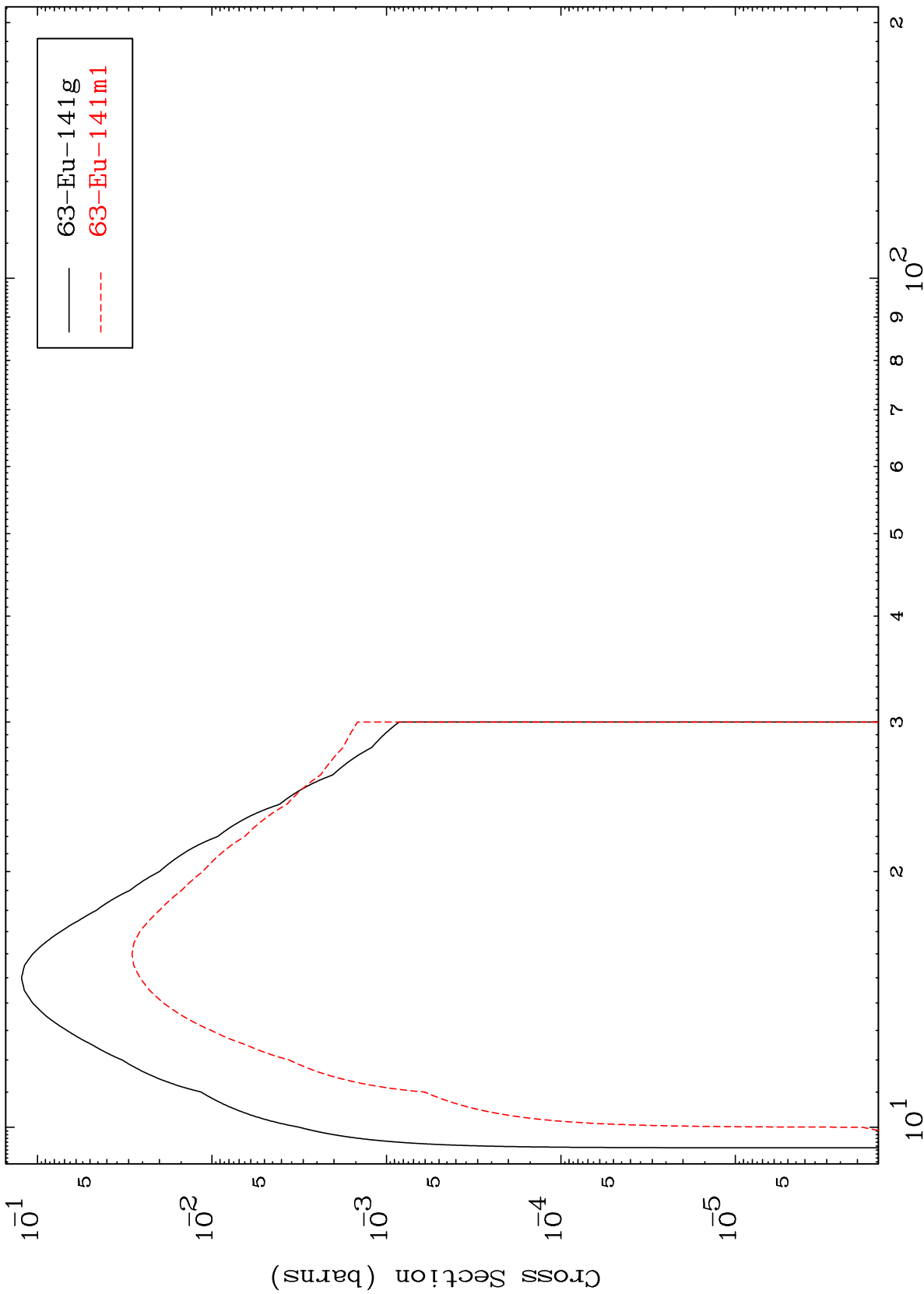
0 Kelvin Cross Sections



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63-Eu-142

Inelastic
Radionuclide Production Cross Section



63-Eu-142

Incident Energy (MeV)

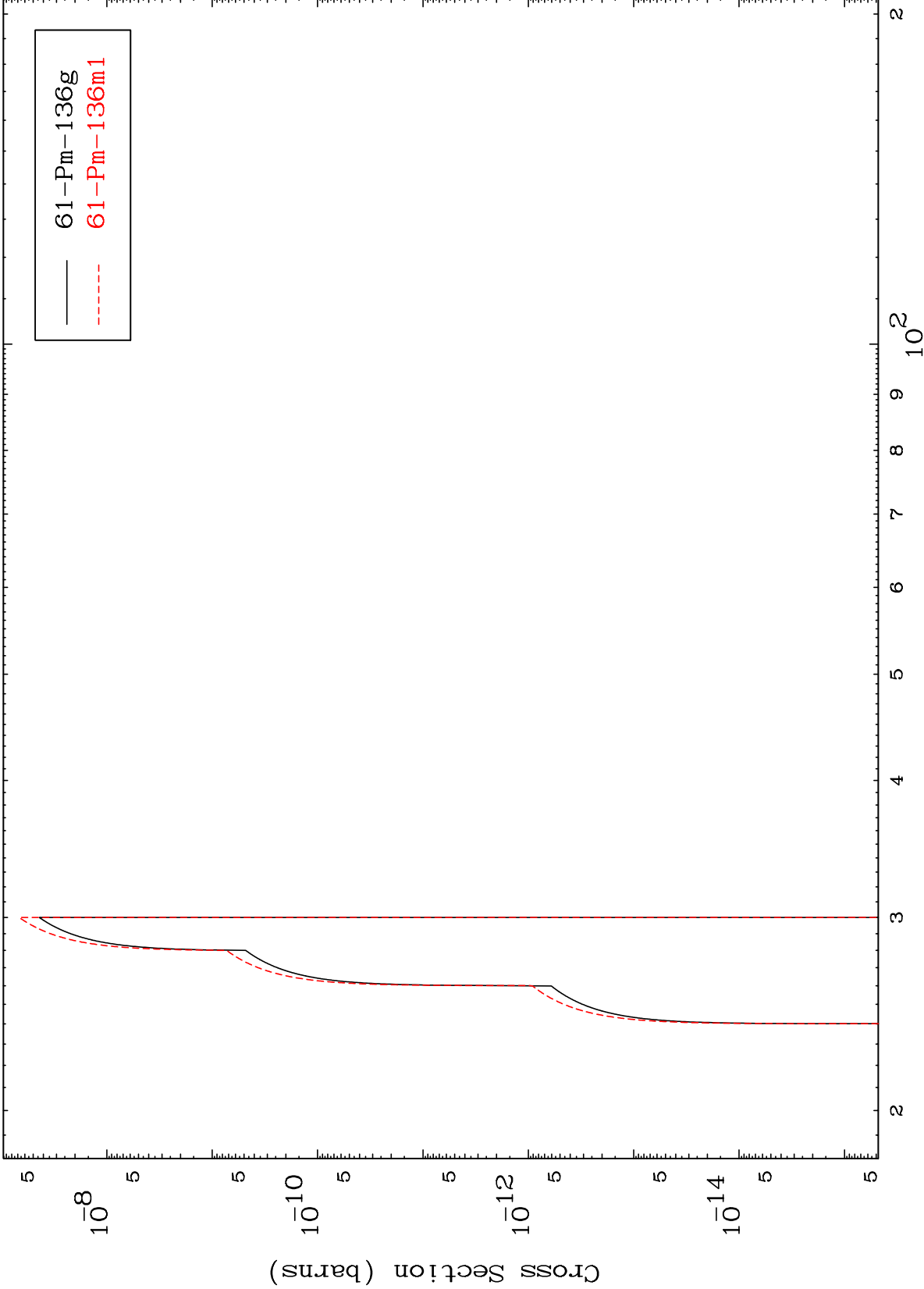
12

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(n,2n) α

63-Eu-142

Radionuclide Production Cross Section



13

Incident Energy (MeV)

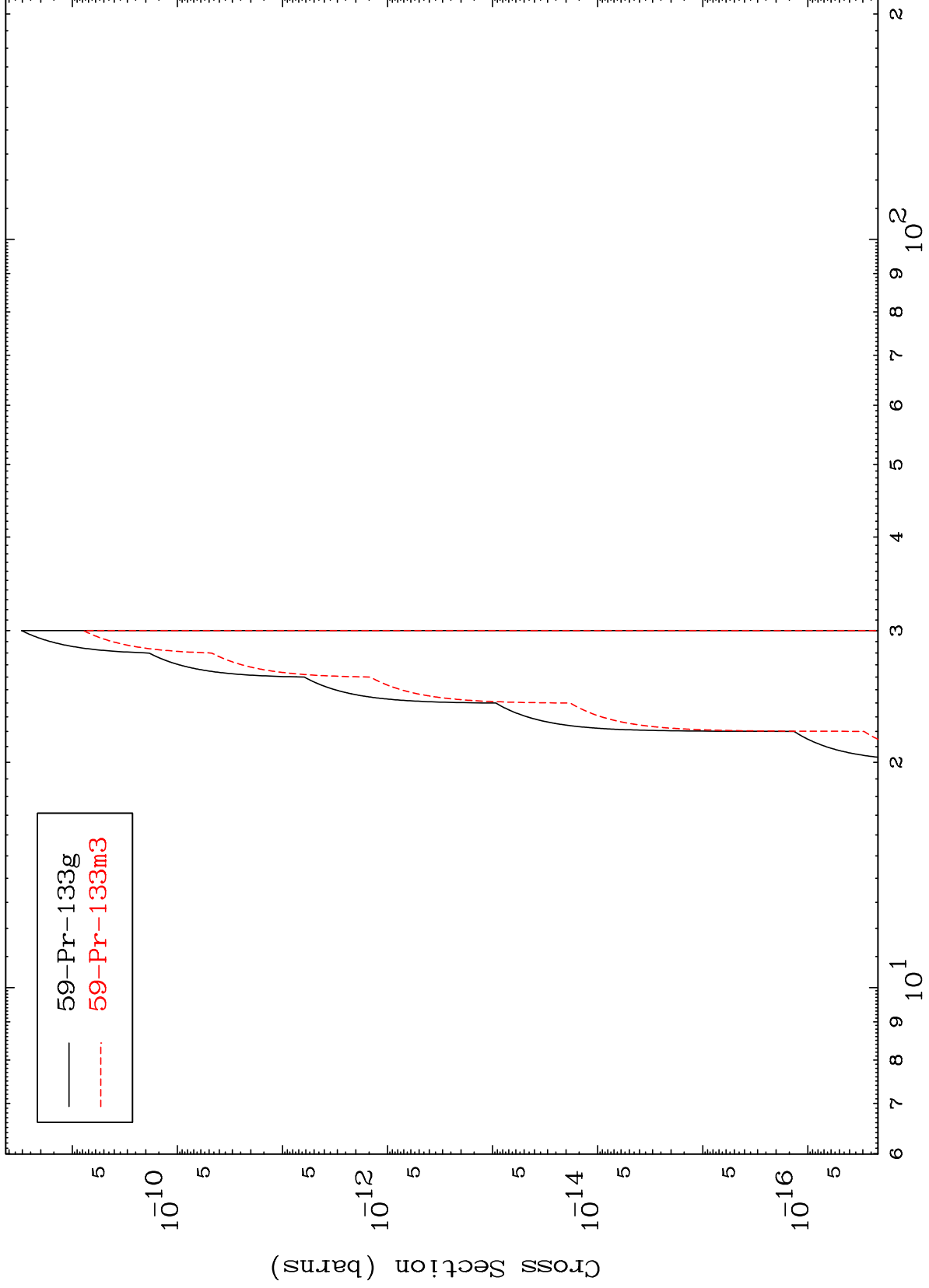
63-Eu-142

MAT 6298

(n,n') 2α

63-Eu-142

Radionuclide Production Cross Section



14

Incident Energy (MeV)

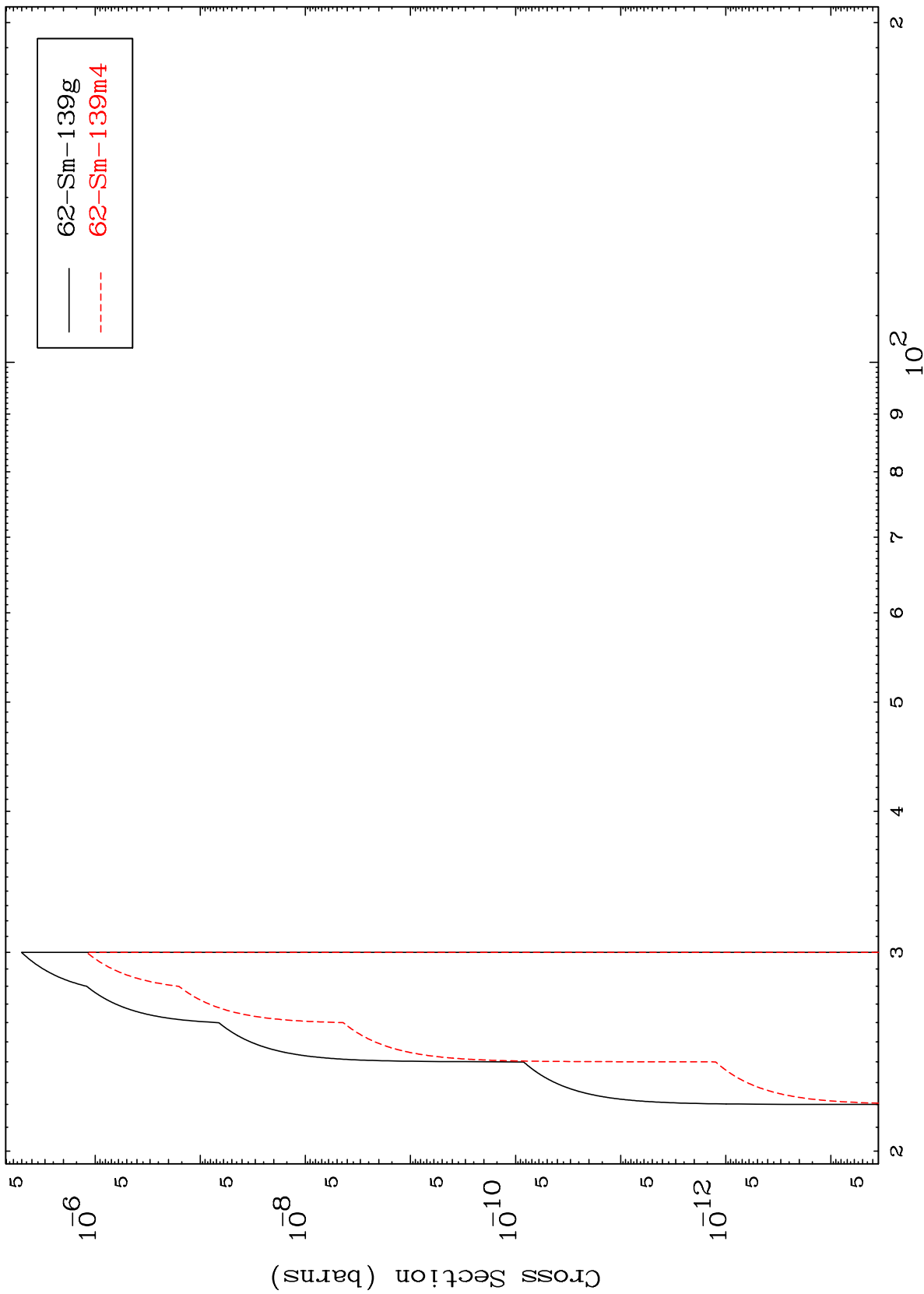
63-Eu-142

MAT 6298

(n,n') d

63-Eu-142

Radionuclide Production Cross Section

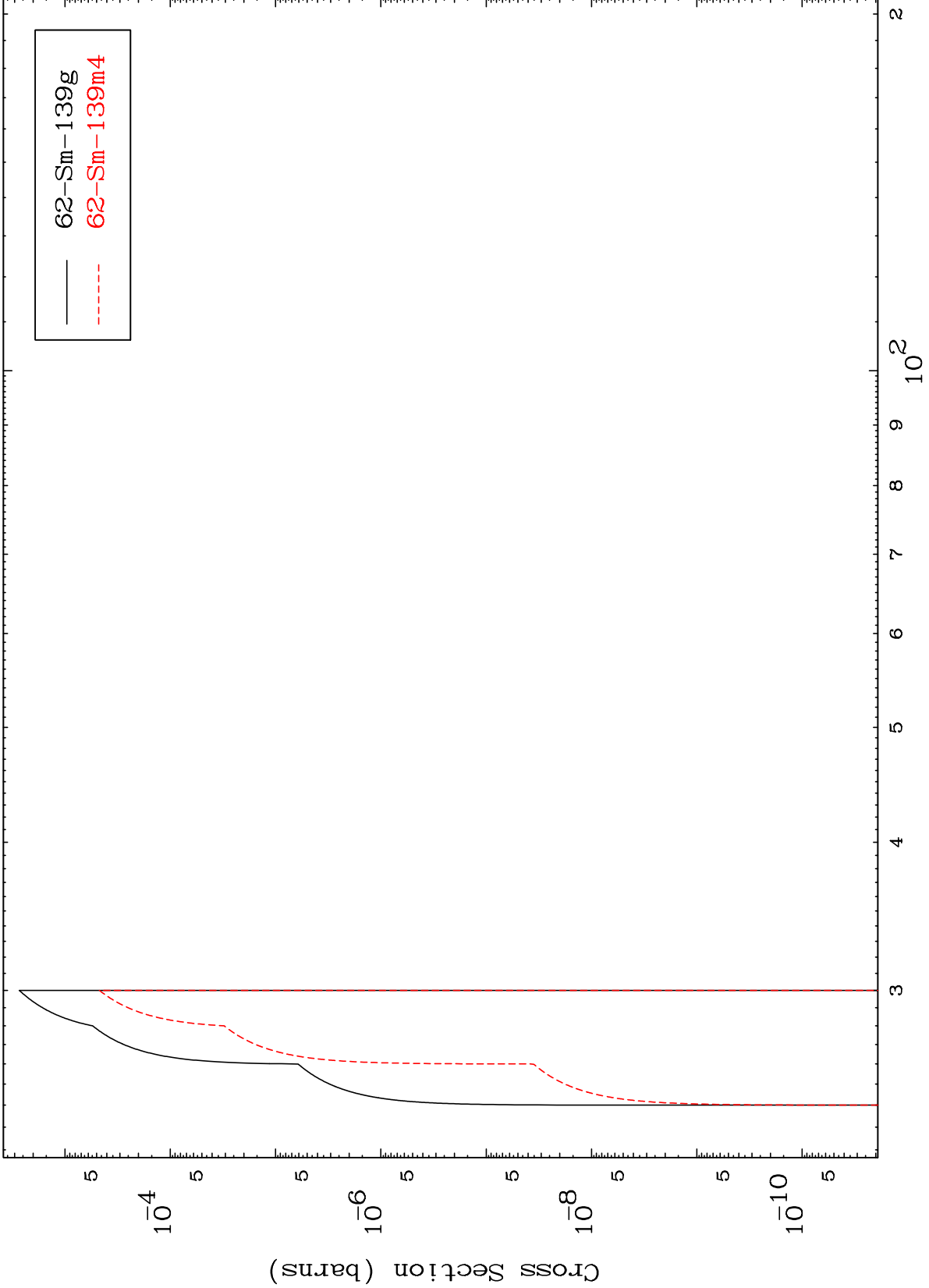


15

Incident Energy (MeV)

63-Eu-142

Radionuclide Production Cross Section

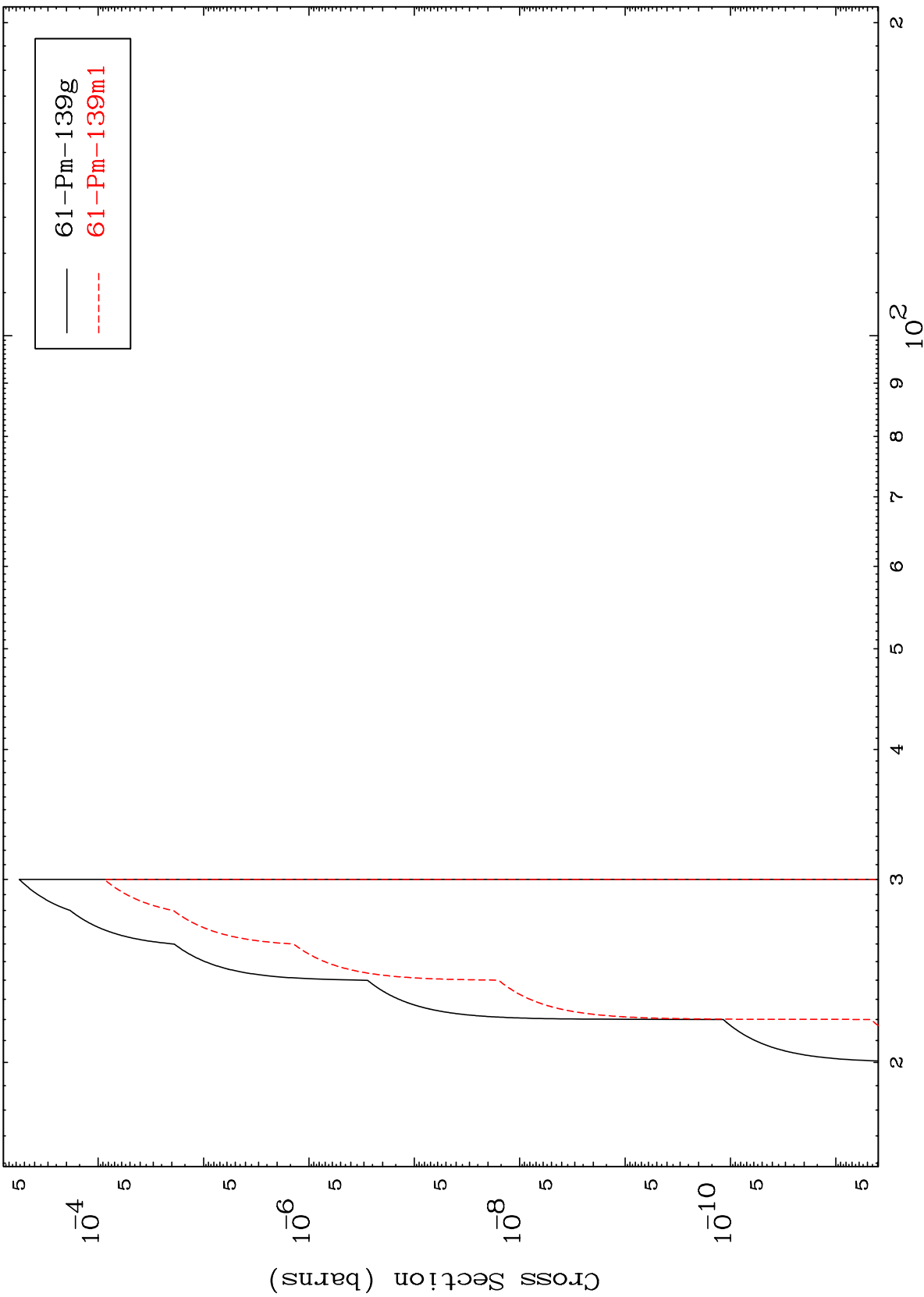


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(n,2n) p

63-Eu-142

Radionuclide Production Cross Section



17

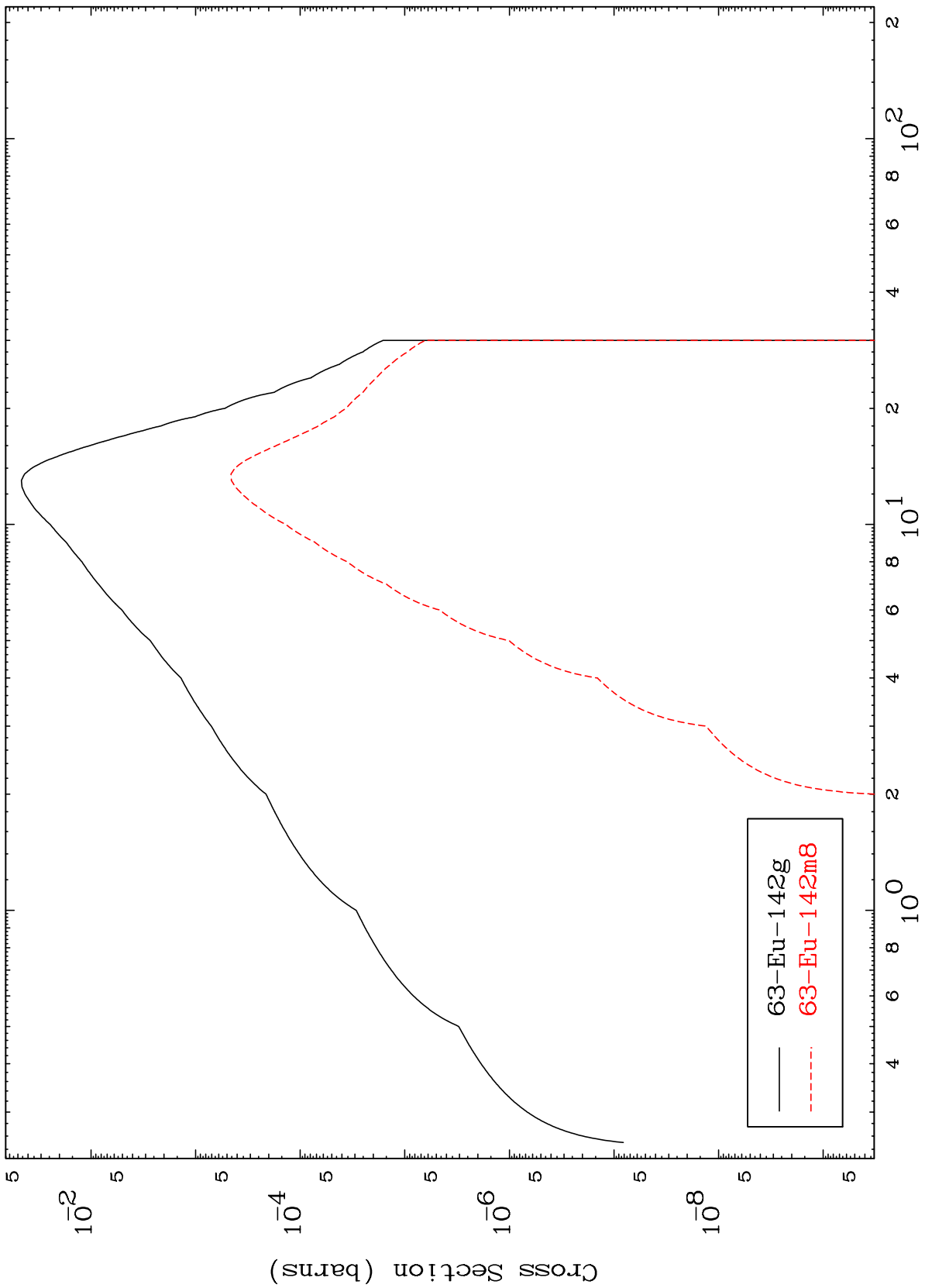
Incident Energy (MeV)

63-Eu-142

MAT 6298

63-Eu-142

(n,γ)
Radionuclide Production Cross Section



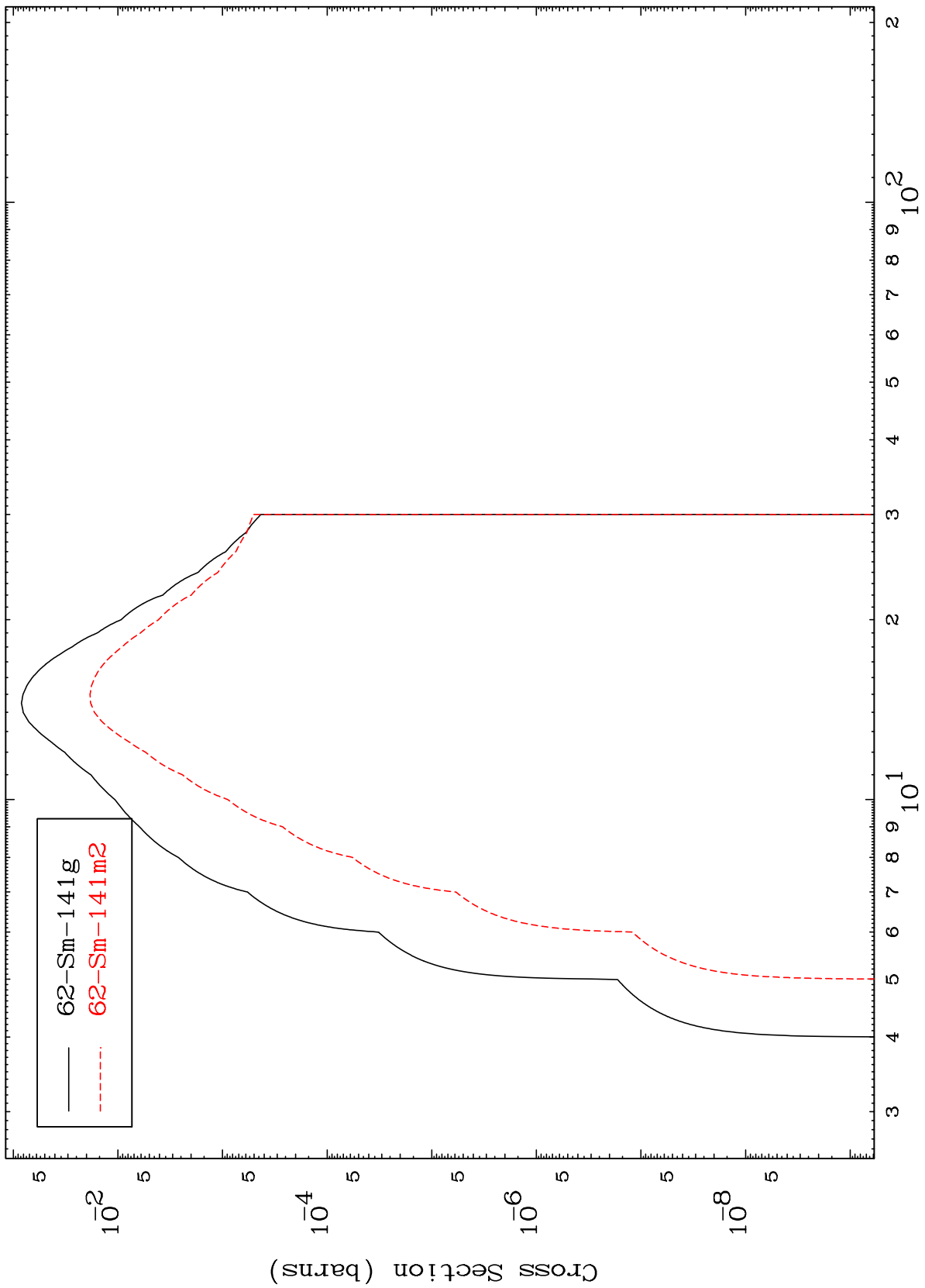
18

63-Eu-142

MAT 6298

63-Eu-142

(n,p)
Radionuclide Production Cross Section

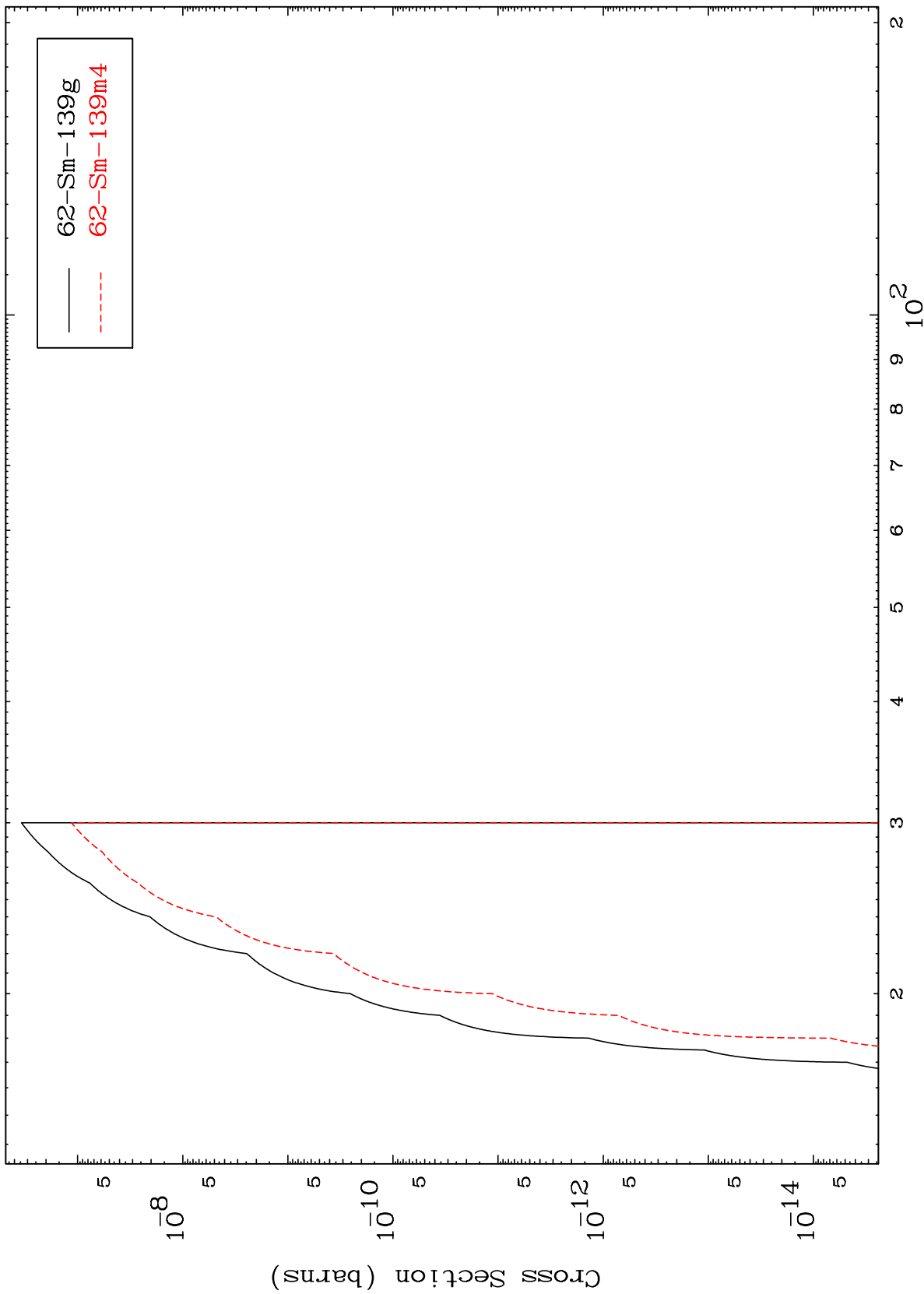


19

Incident Energy (MeV)

63-Eu-142

(n, t)
Radionuclide Production Cross Section

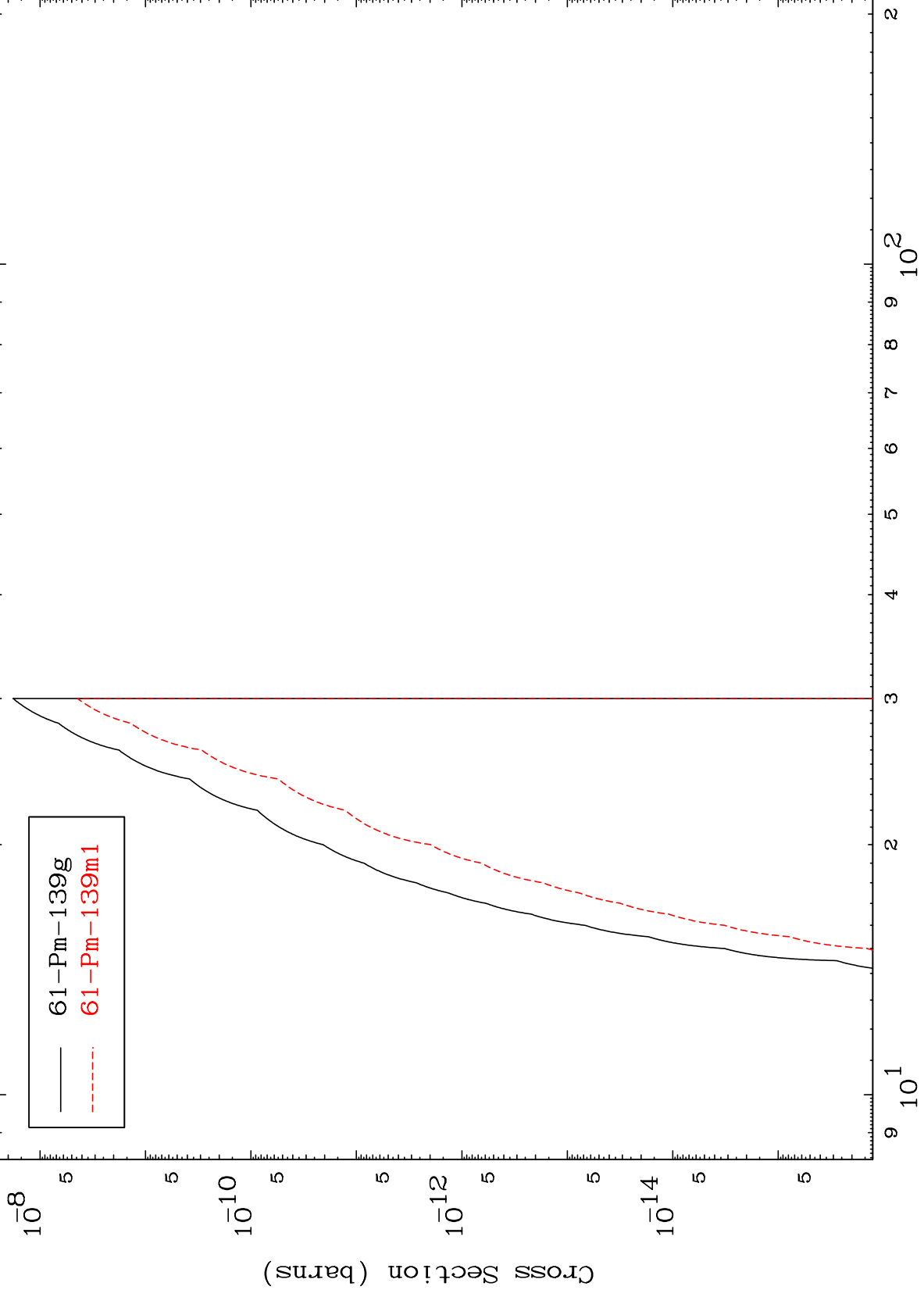


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(n,He-3)

63-Eu-142

Radionuclide Production Cross Section



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

21

Incident Energy (MeV)

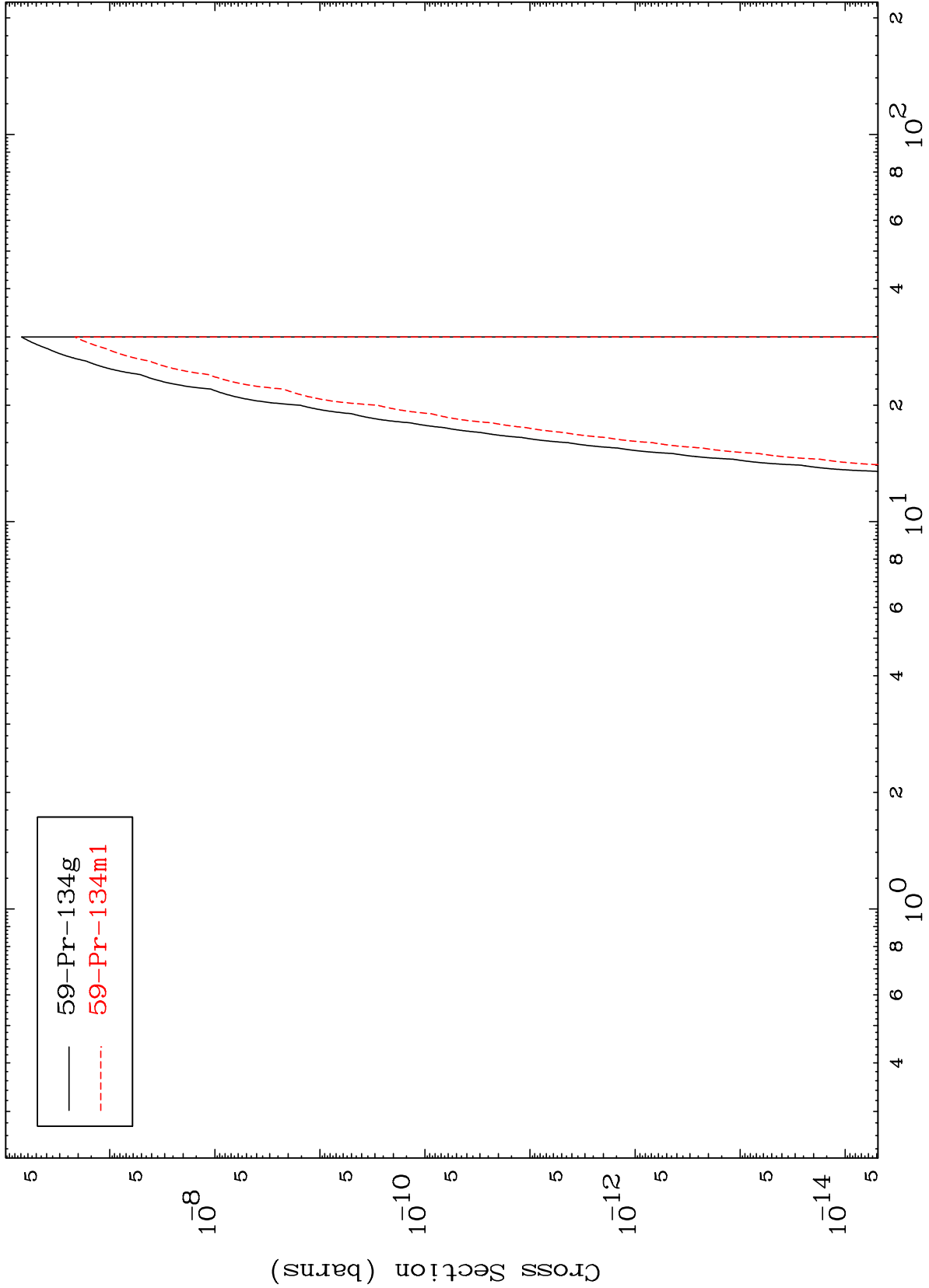
63-Eu-142

MAT 6298

(n,2α)

63-Eu-142

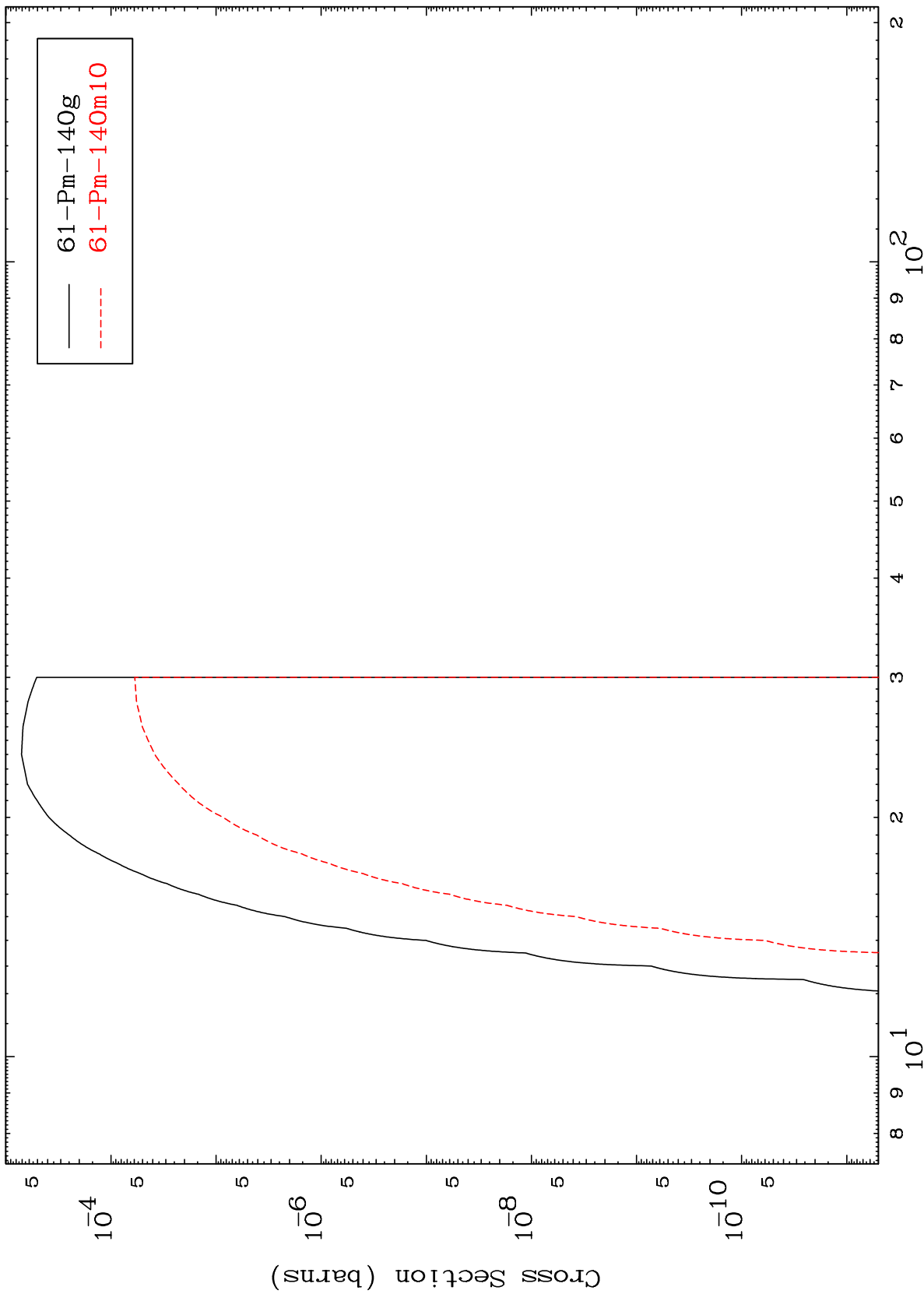
Radionuclide Production Cross Section



MAT 6298

63-Eu-142

(n,2p)
Radionuclide Production Cross Section



23

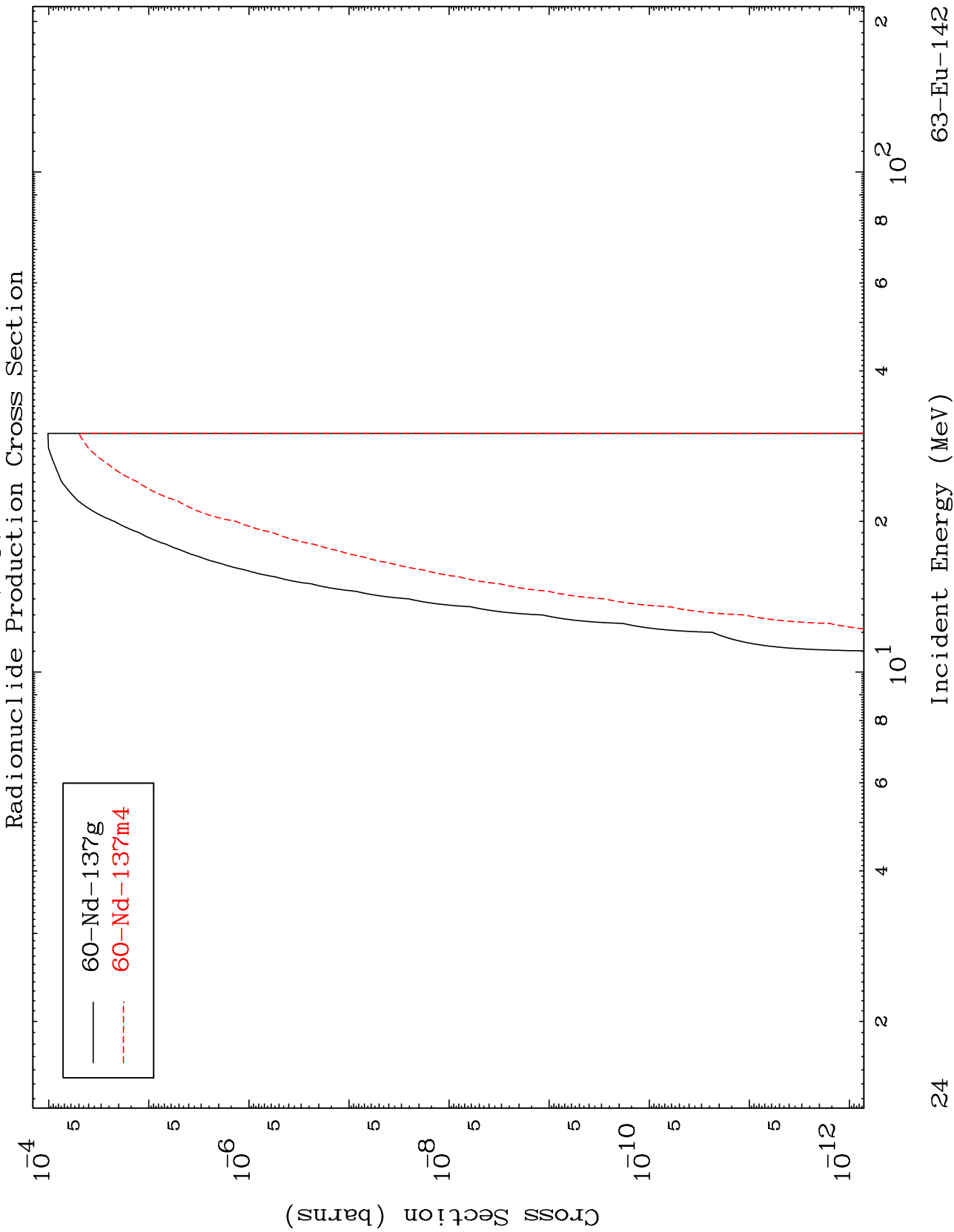
Incident Energy (MeV)

63-Eu-142

MAT 6298

(n,p) α

$^{63}\text{Eu}-142$



60-Nd-137g
60-Nd-137m4

