

Program EVALPLOT
(Version 2021-1)

by

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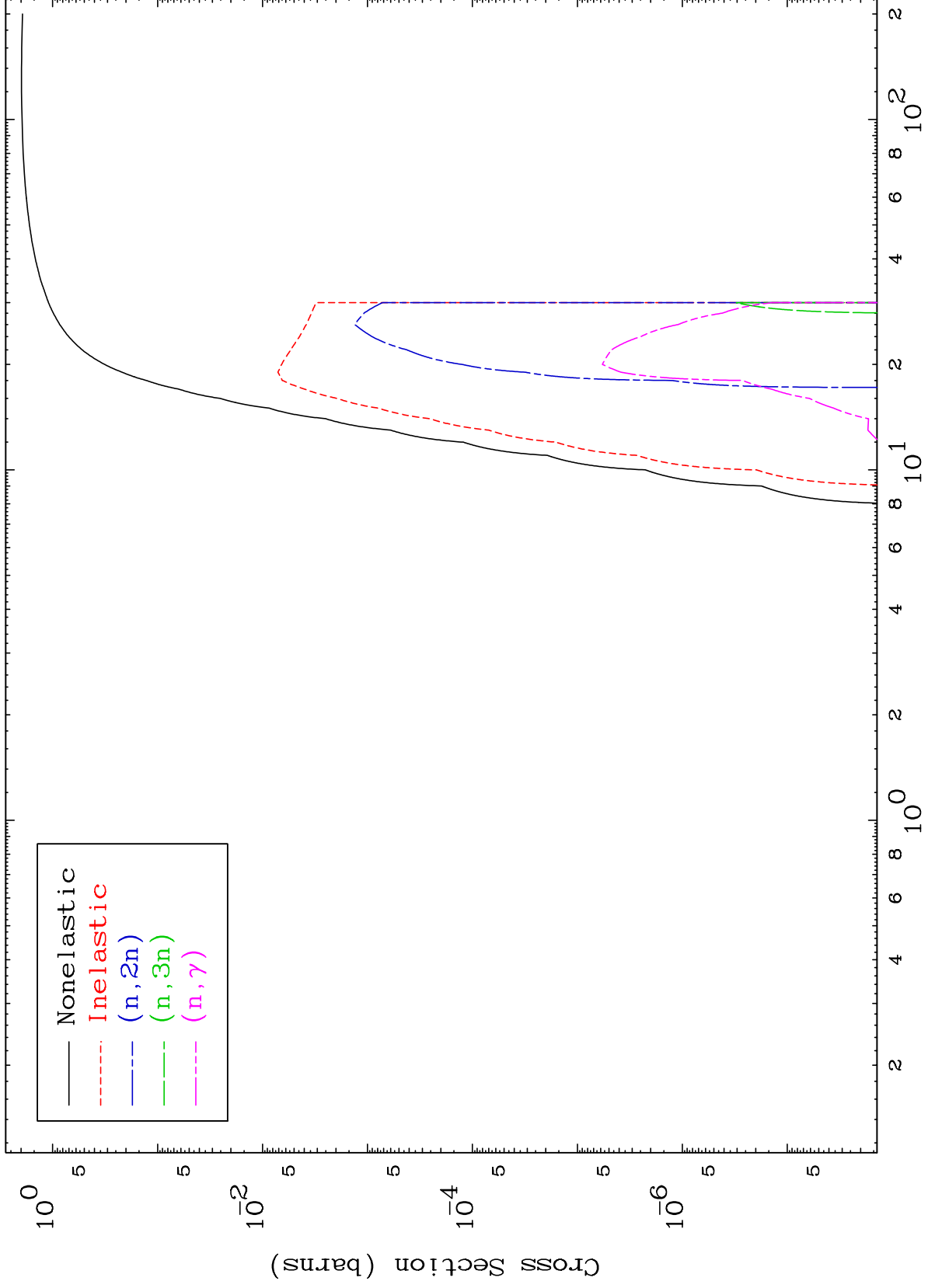
Press Mouse Button to Start

MAT 6201

He-3 Major

62-Sm-136

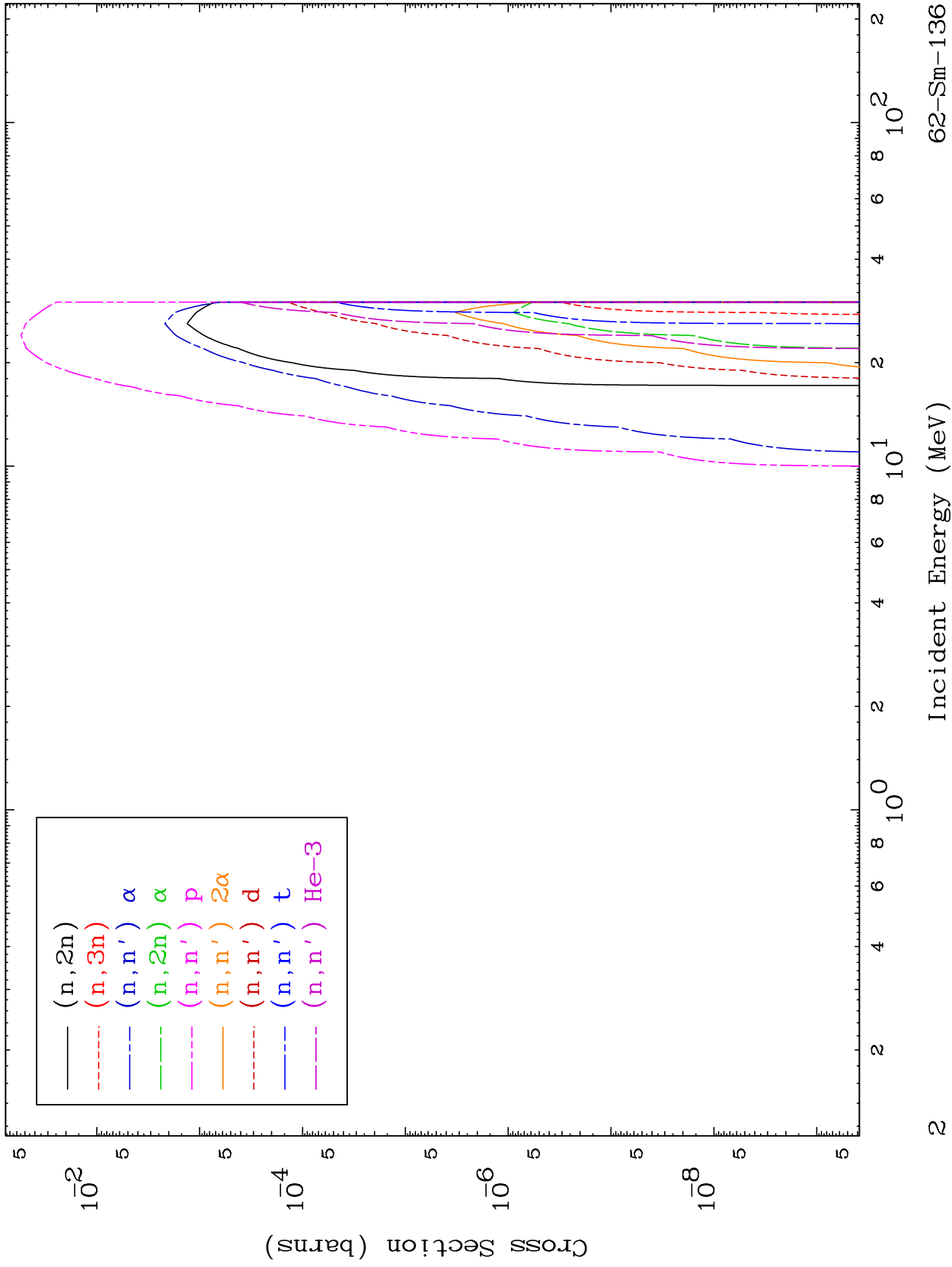
0 Kelvin Cross Sections



MAT 6201

He-3 Neutron Absorption
0 Kelvin Cross Sections

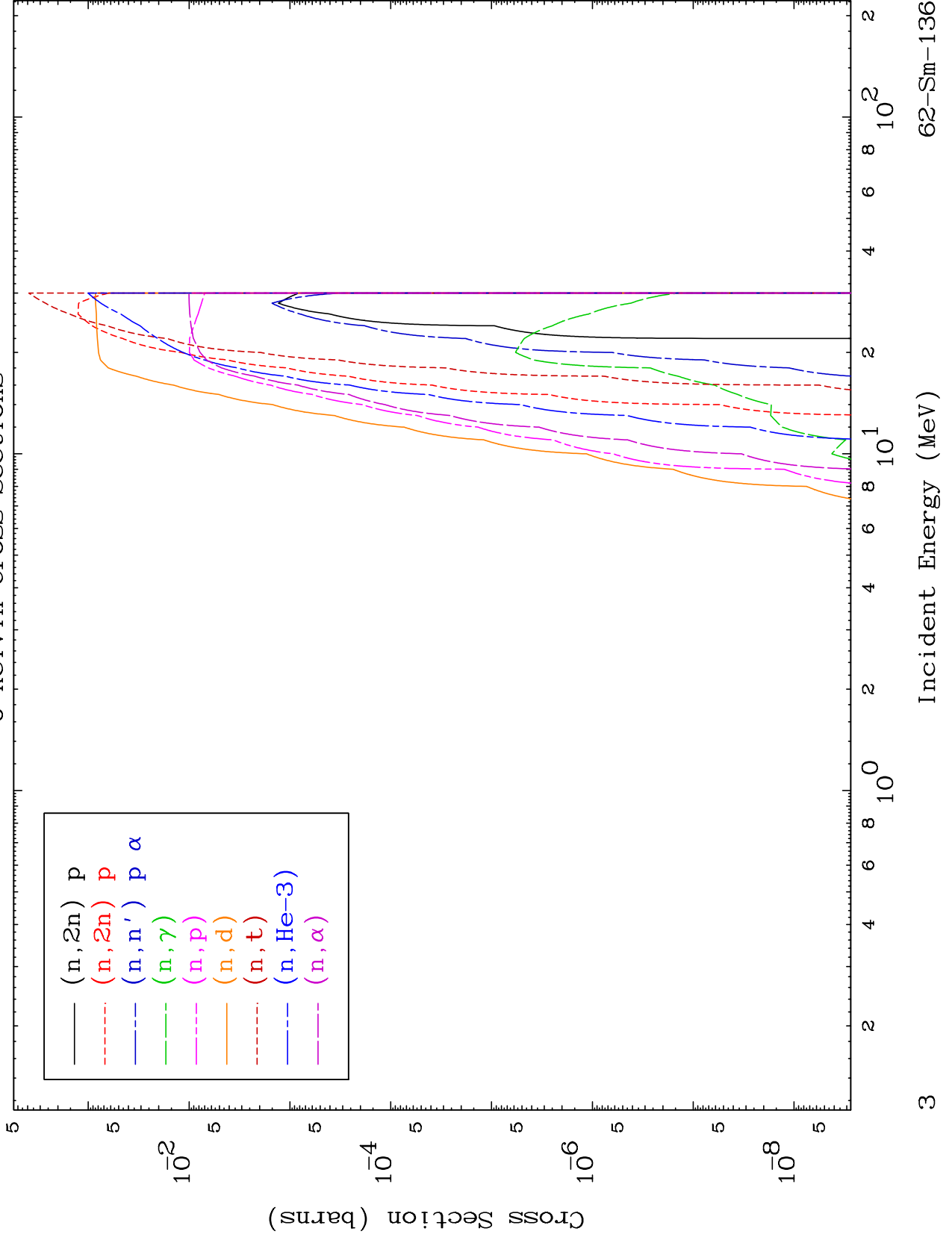
62-Sm-136



MAT 6201

He-3 Neutron Absorption
0 Kelvin Cross Sections

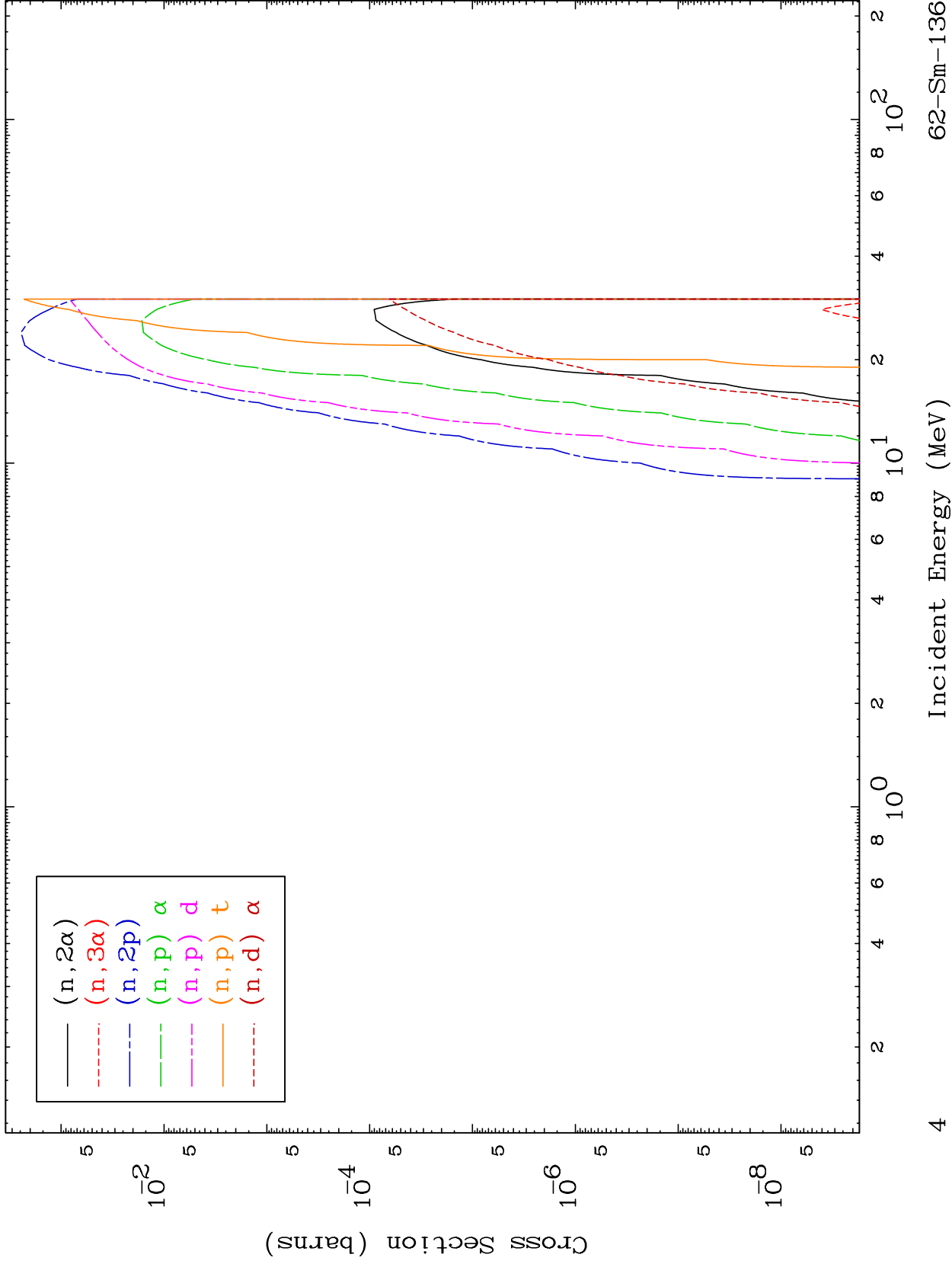
62-Sm-136



MAT 6201

He-3 Neutron Absorption
0 Kelvin Cross Sections

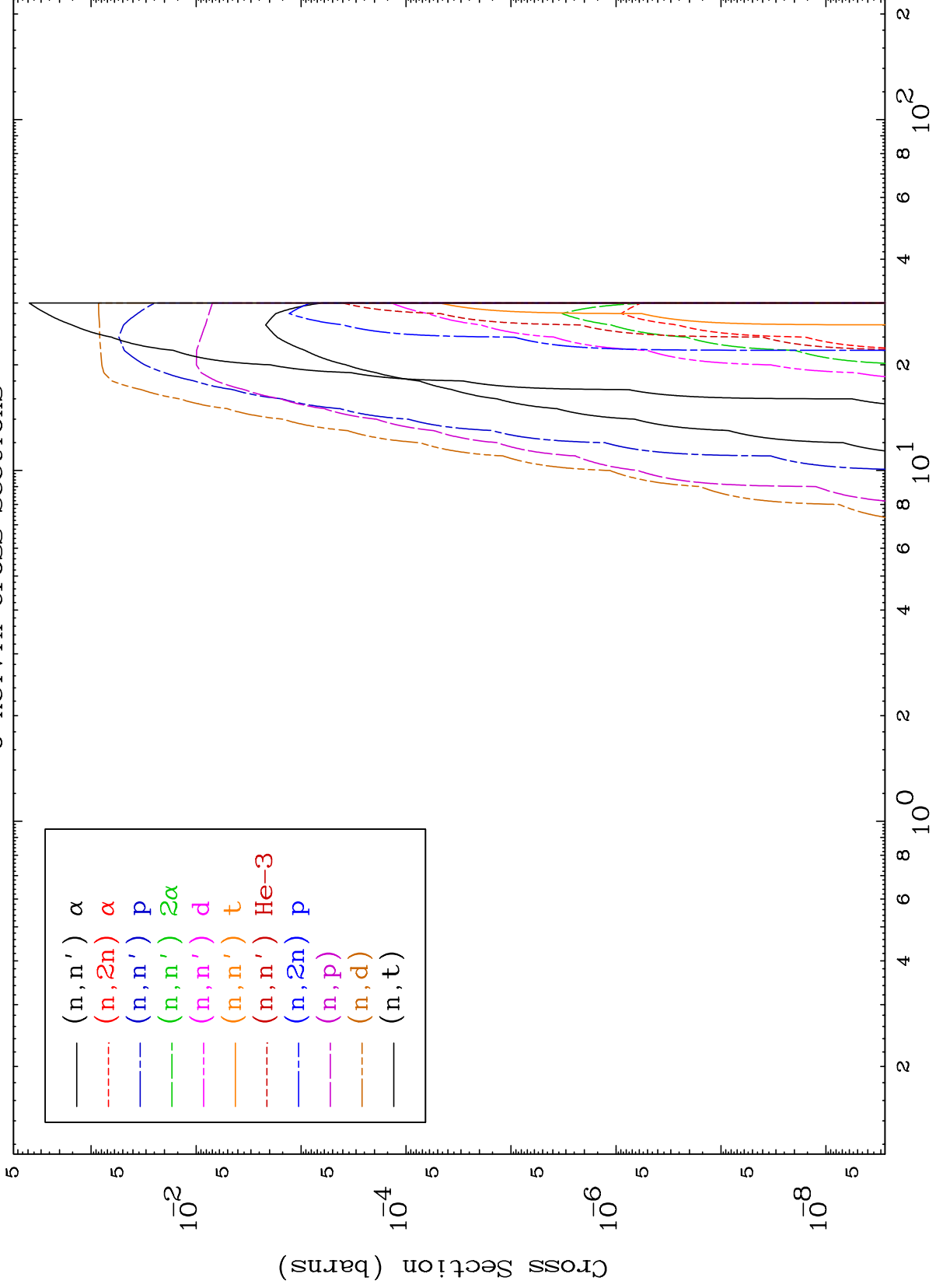
62-Sm-136



MAT 6201

He-3 Charged Particle
0 Kelvin Cross Sections

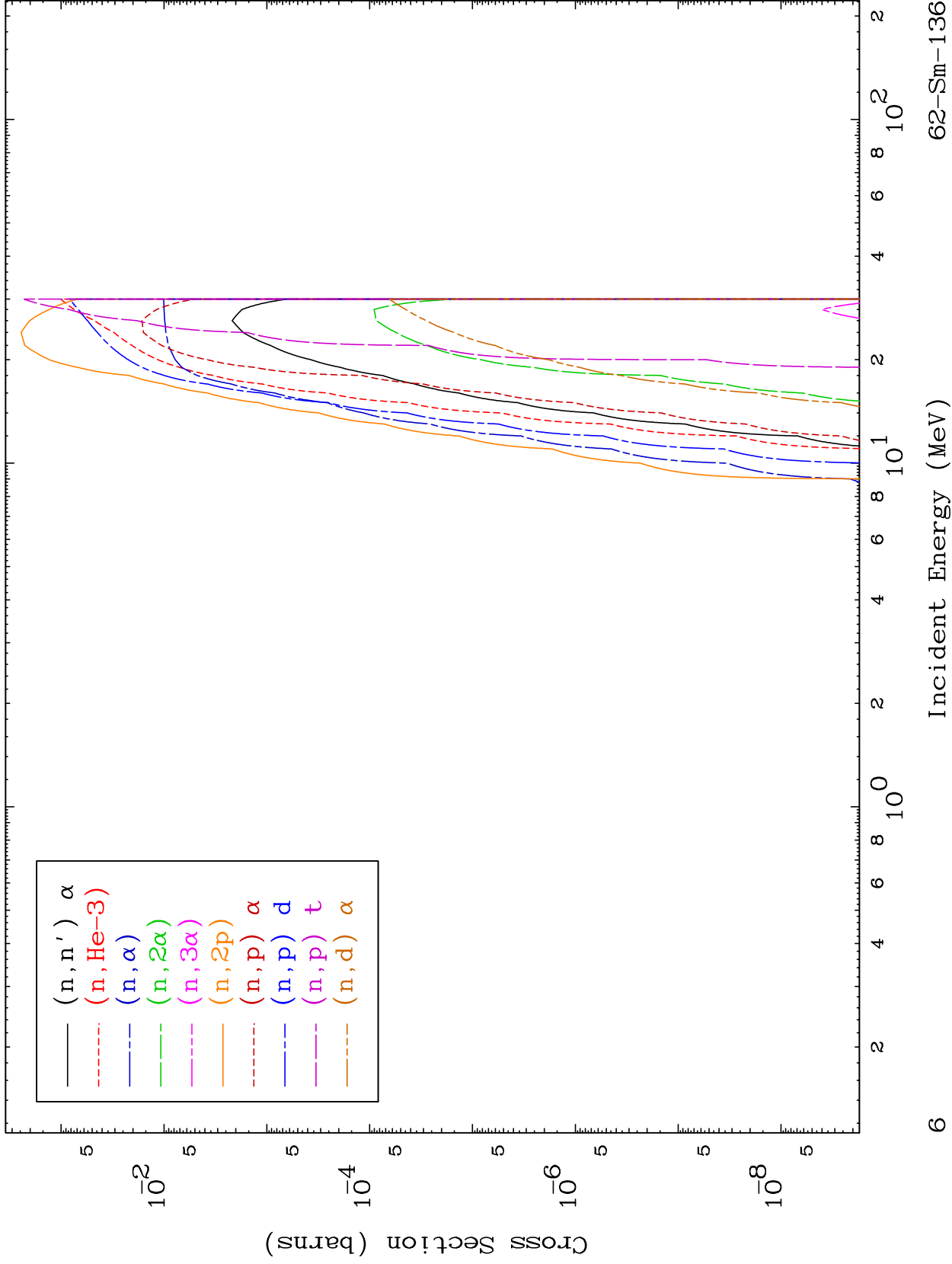
62-Sm-136



MAT 6201

He-3 Charged Particle
0 Kelvin Cross Sections

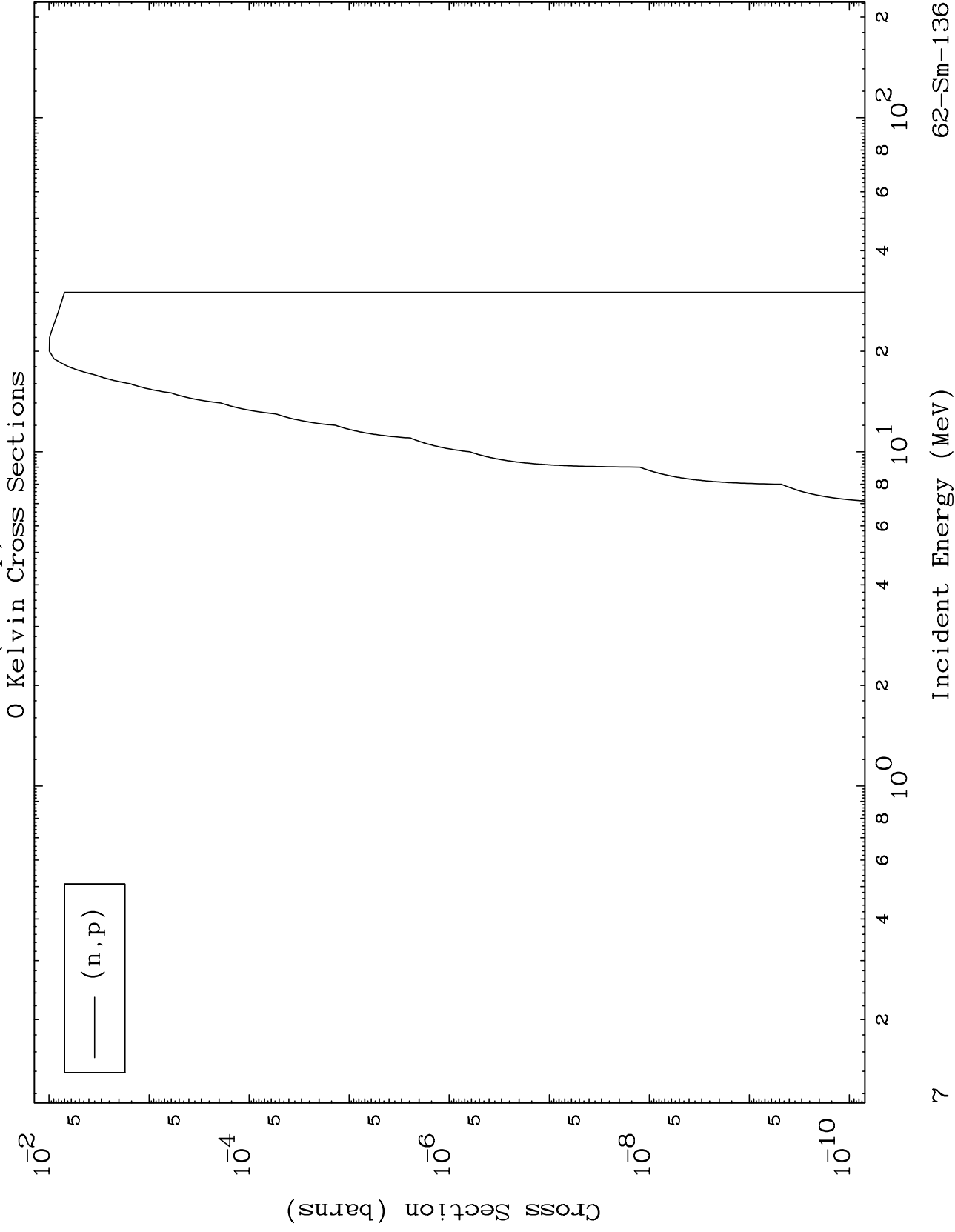
62-Sm-136



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(He-3,p) Levels

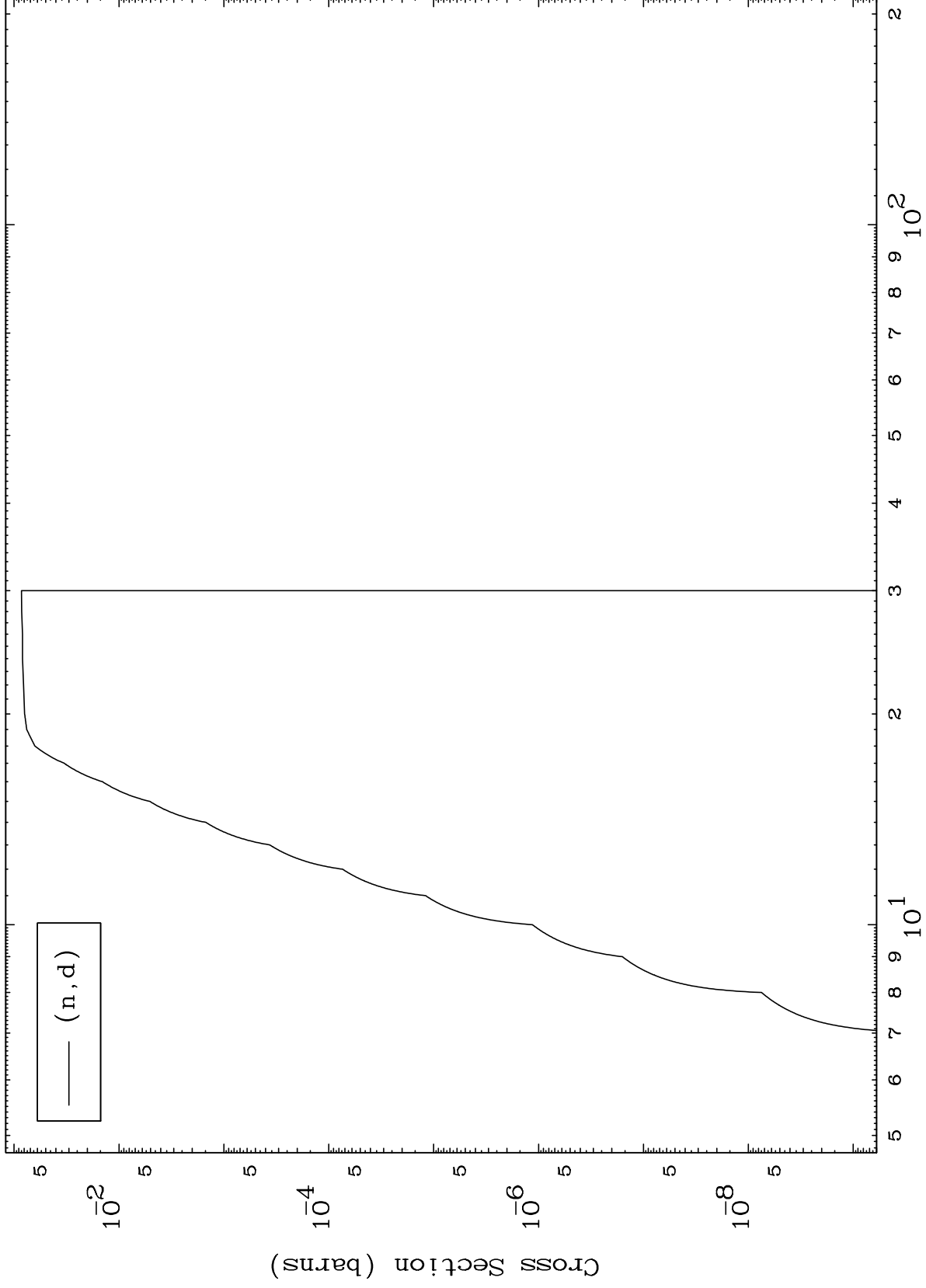
62-Sm-136



MAT 6201

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

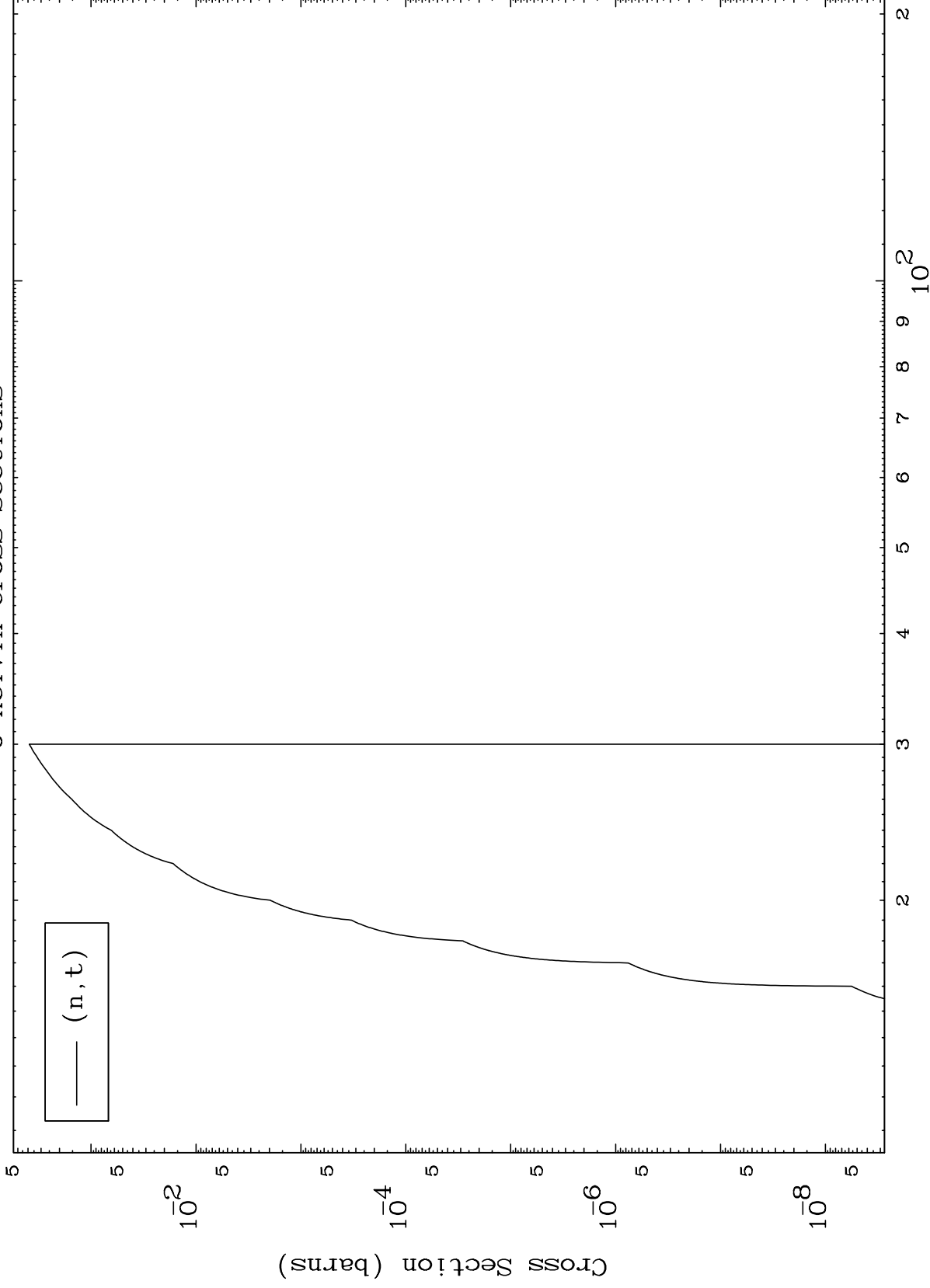
62-Sm-136



8

Incident Energy (MeV)

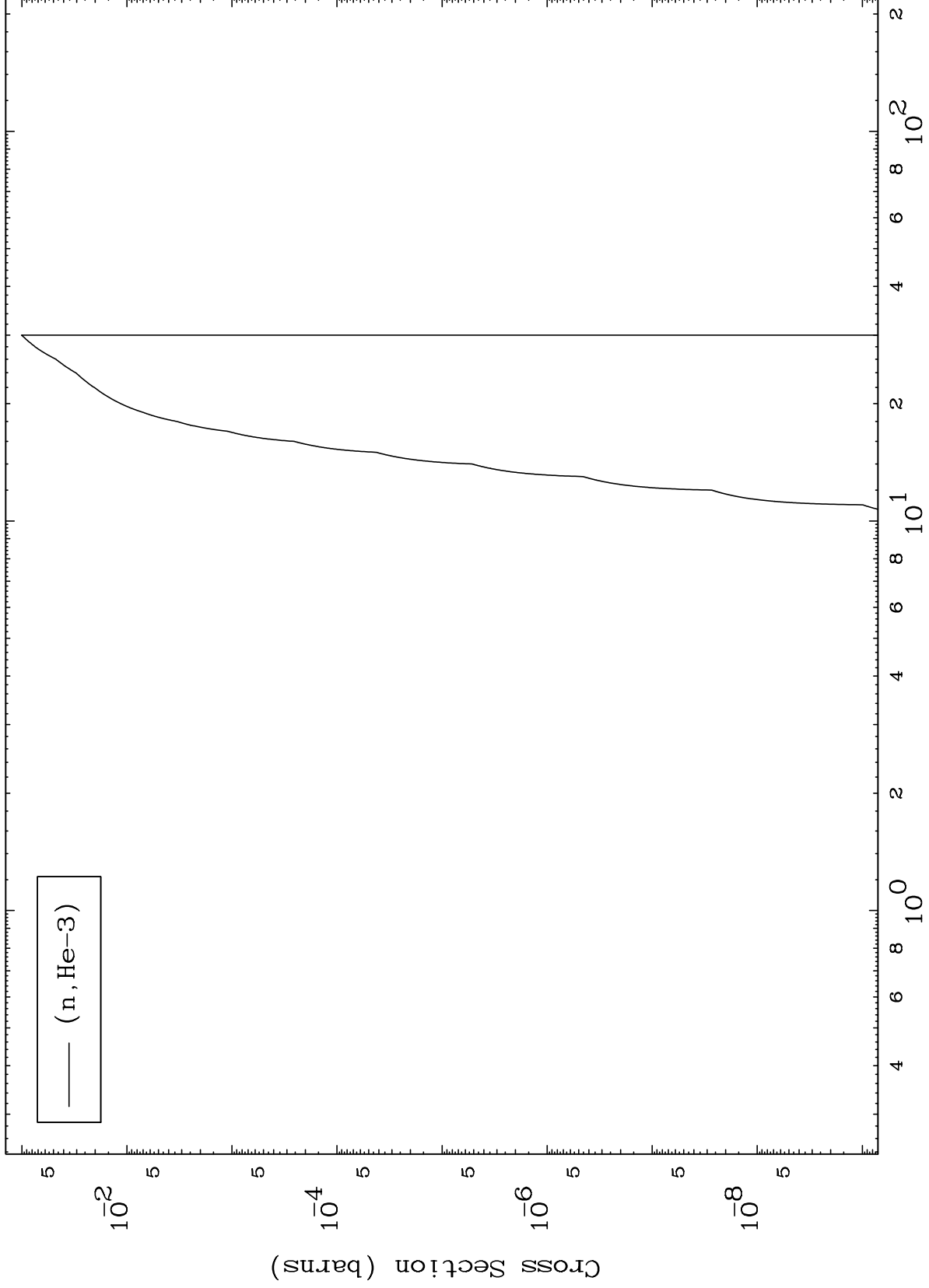
62-Sm-136



MAT 6201

(He-3, He3) Levels
0 Kelvin Cross Sections

62-Sm-136



10

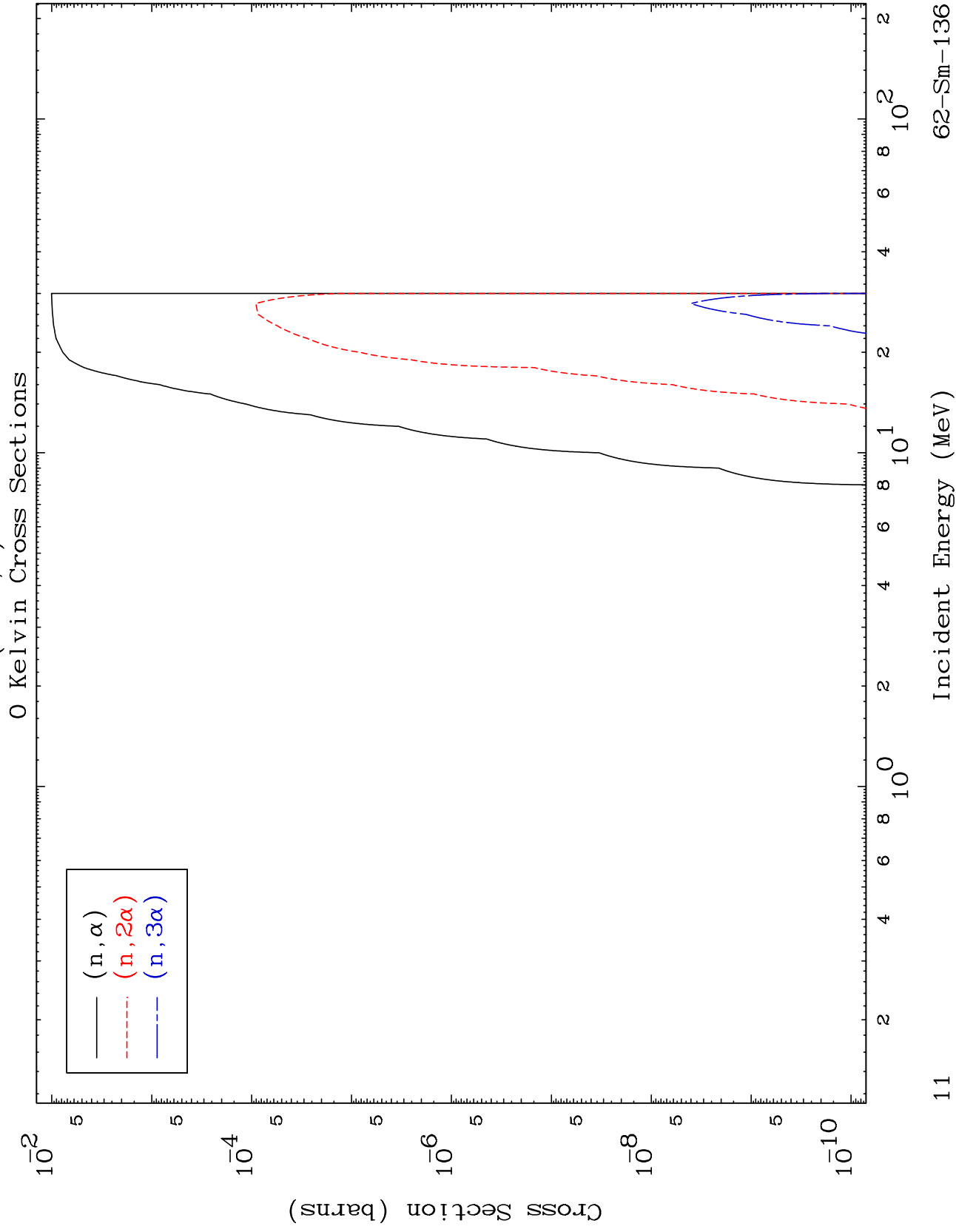
Incident Energy (MeV)

62-Sm-136

MAT 6201

(He-3, α) Levels

62-Sm-136

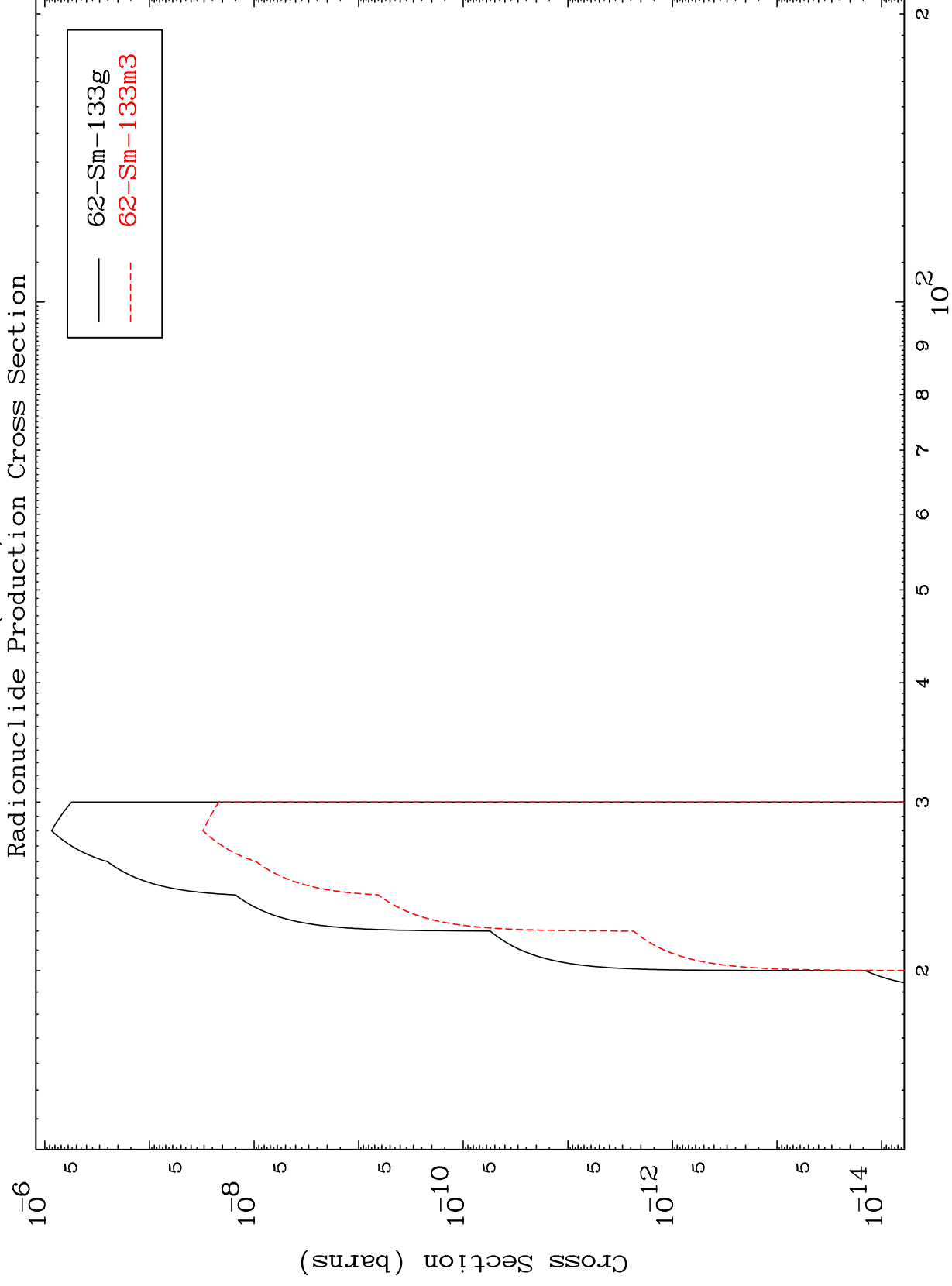


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62-Sm-136

(n,2n) α

Radionuclide Production Cross Section



12

Incident Energy (MeV)

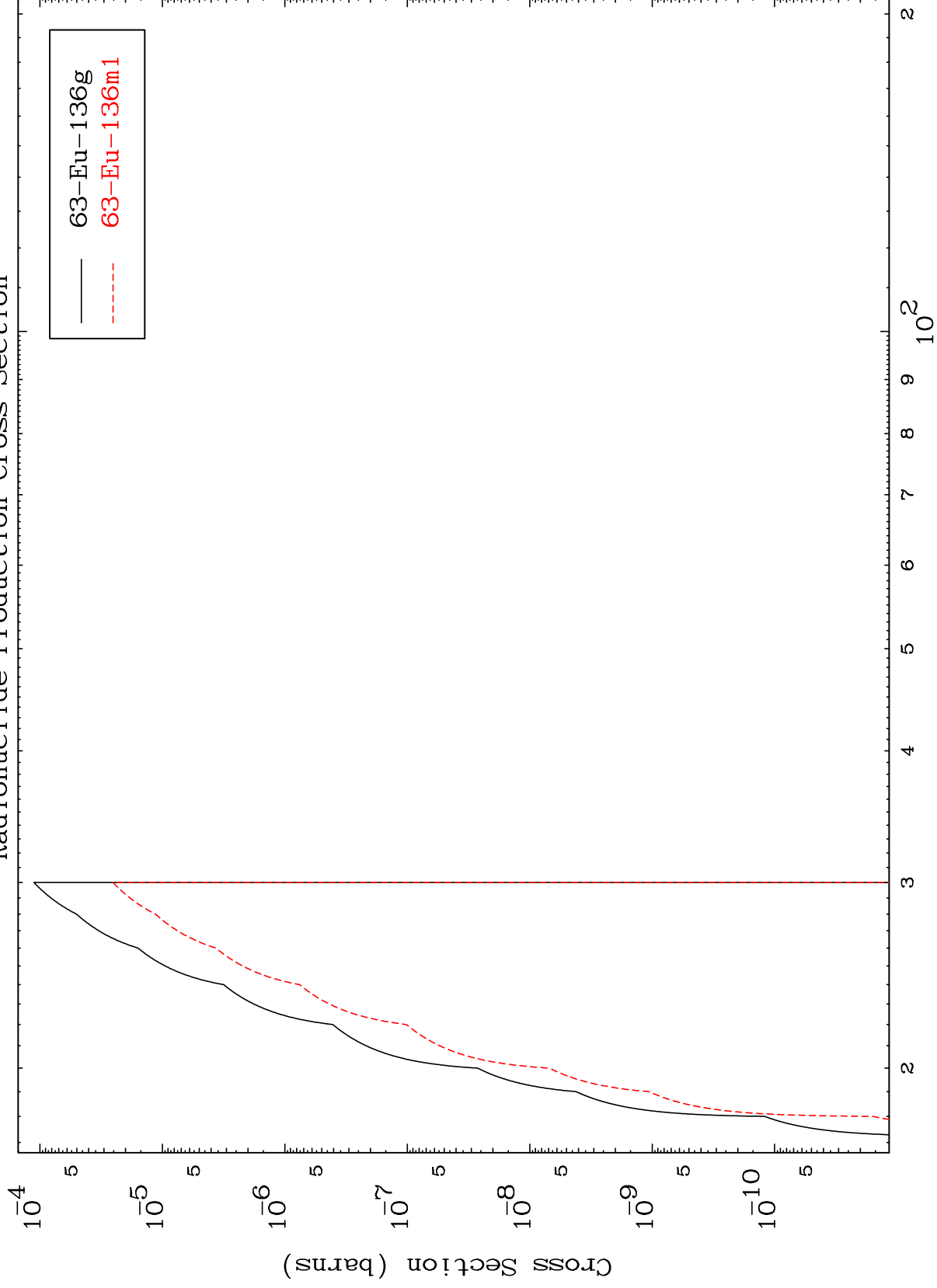
62-Sm-136

MAT 6201

(n,n') d

62-Sm-136

Radionuclide Production Cross Section



13

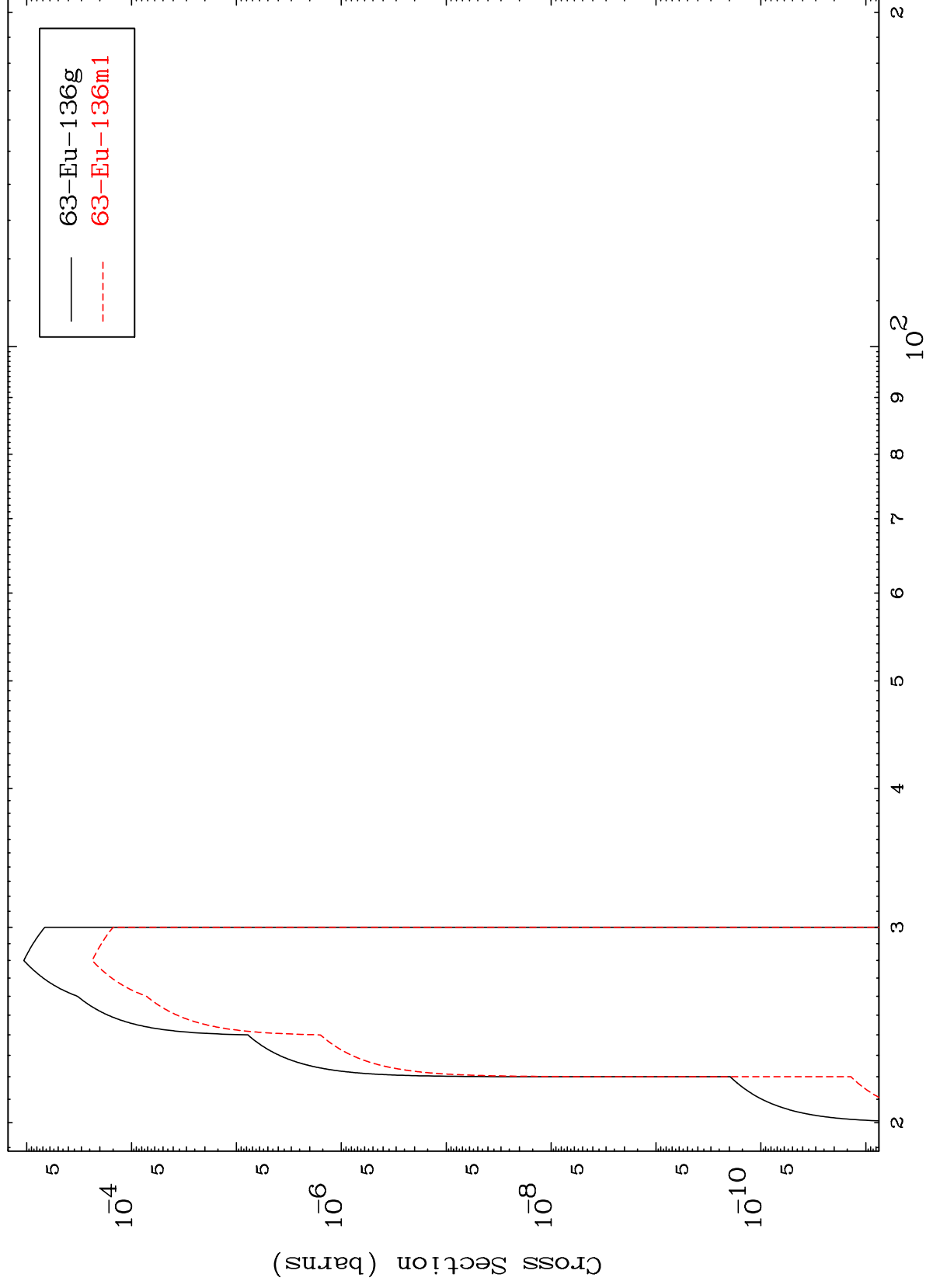
Incident Energy (MeV)

62-Sm-136

MAT 6201

62-Sm-136

(n,2n) p
Radionuclide Production Cross Section



62-Sm-136

Incident Energy (MeV)

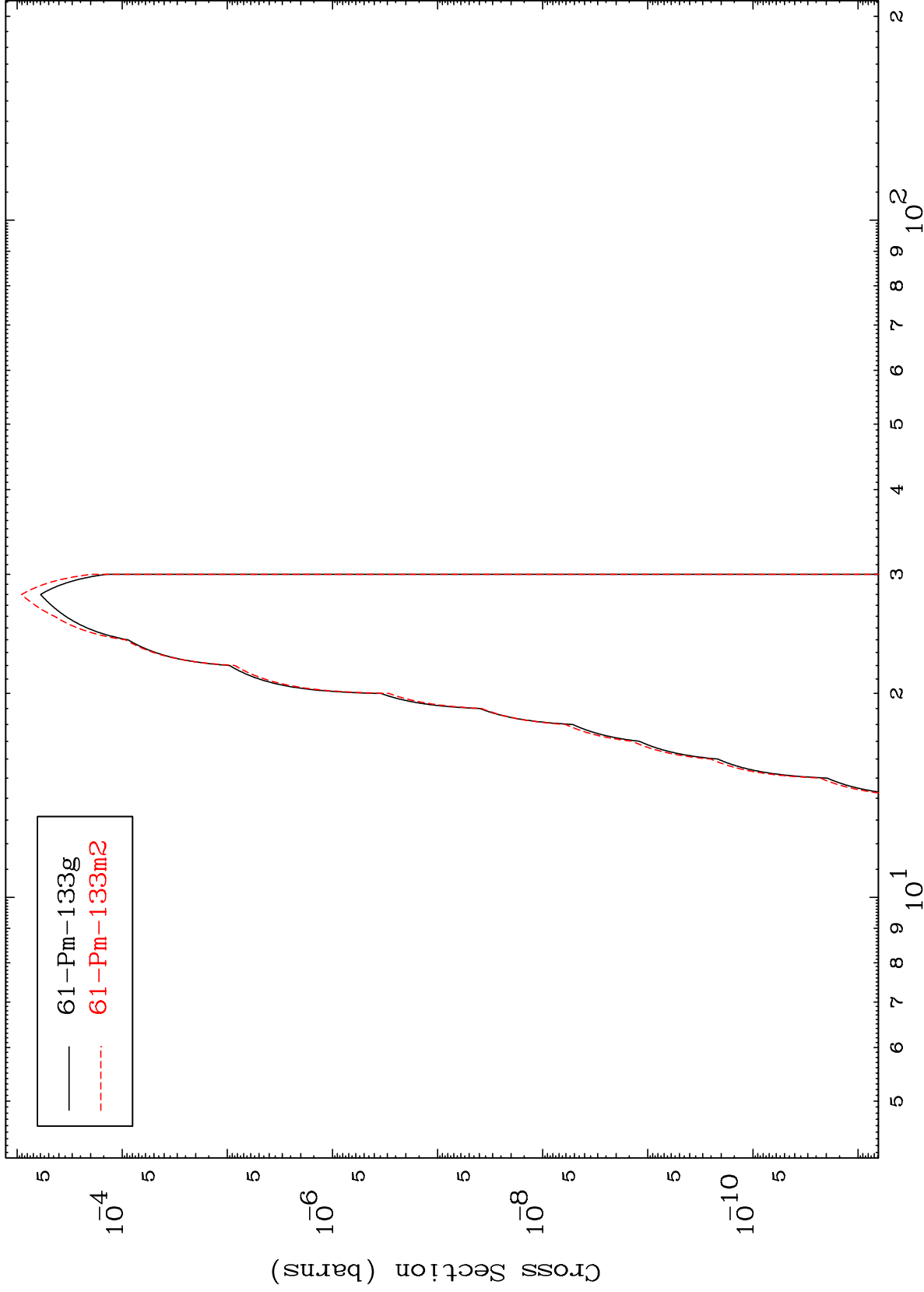
14

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(n,n') p α

62-Sm-136

Radionuclide Production Cross Section



61-Pm-133g
61-Pm-133m2

15

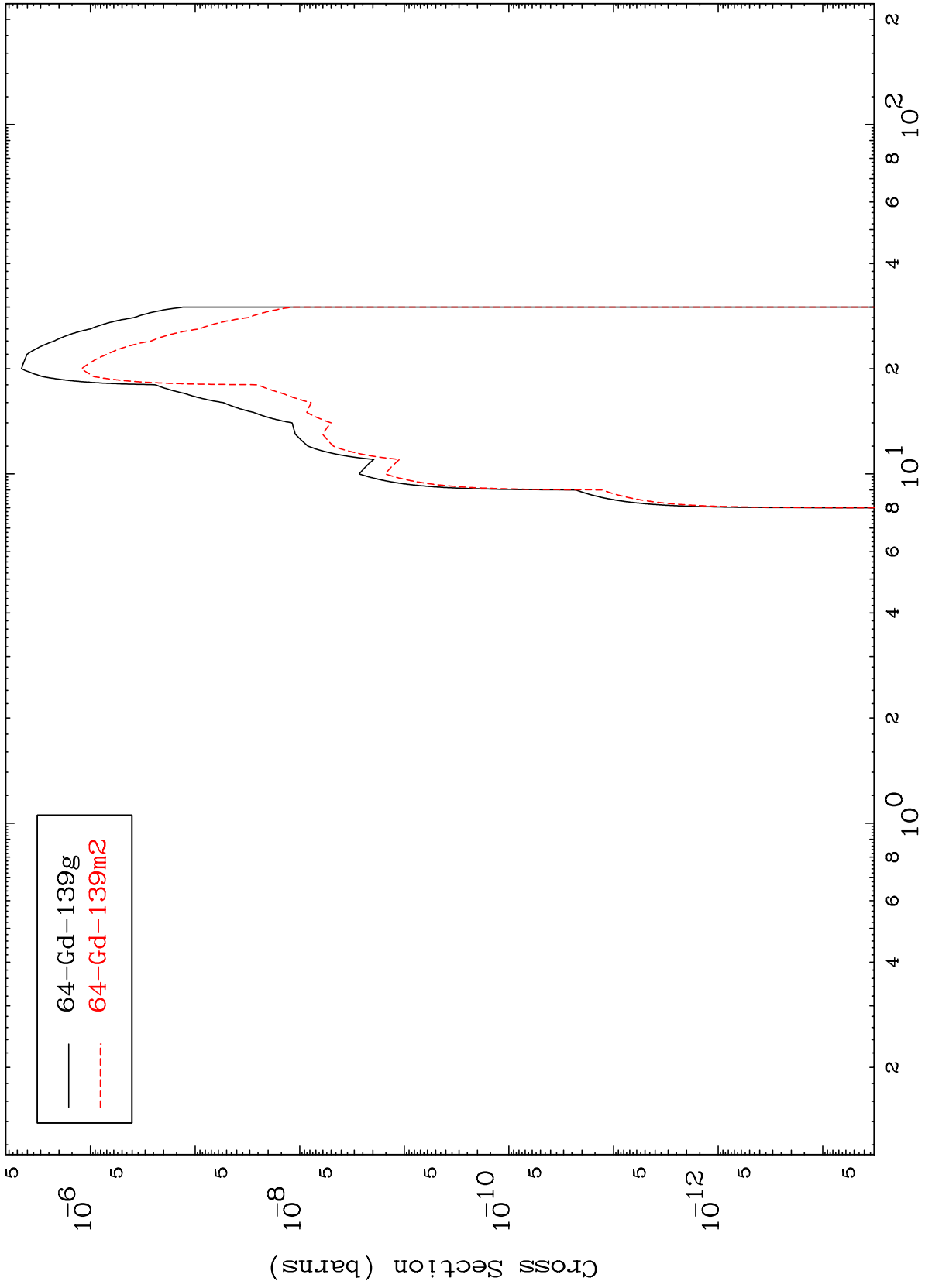
Incident Energy (MeV)

62-Sm-136

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62-Sm-136

(n, γ)
Radionuclide Production Cross Section

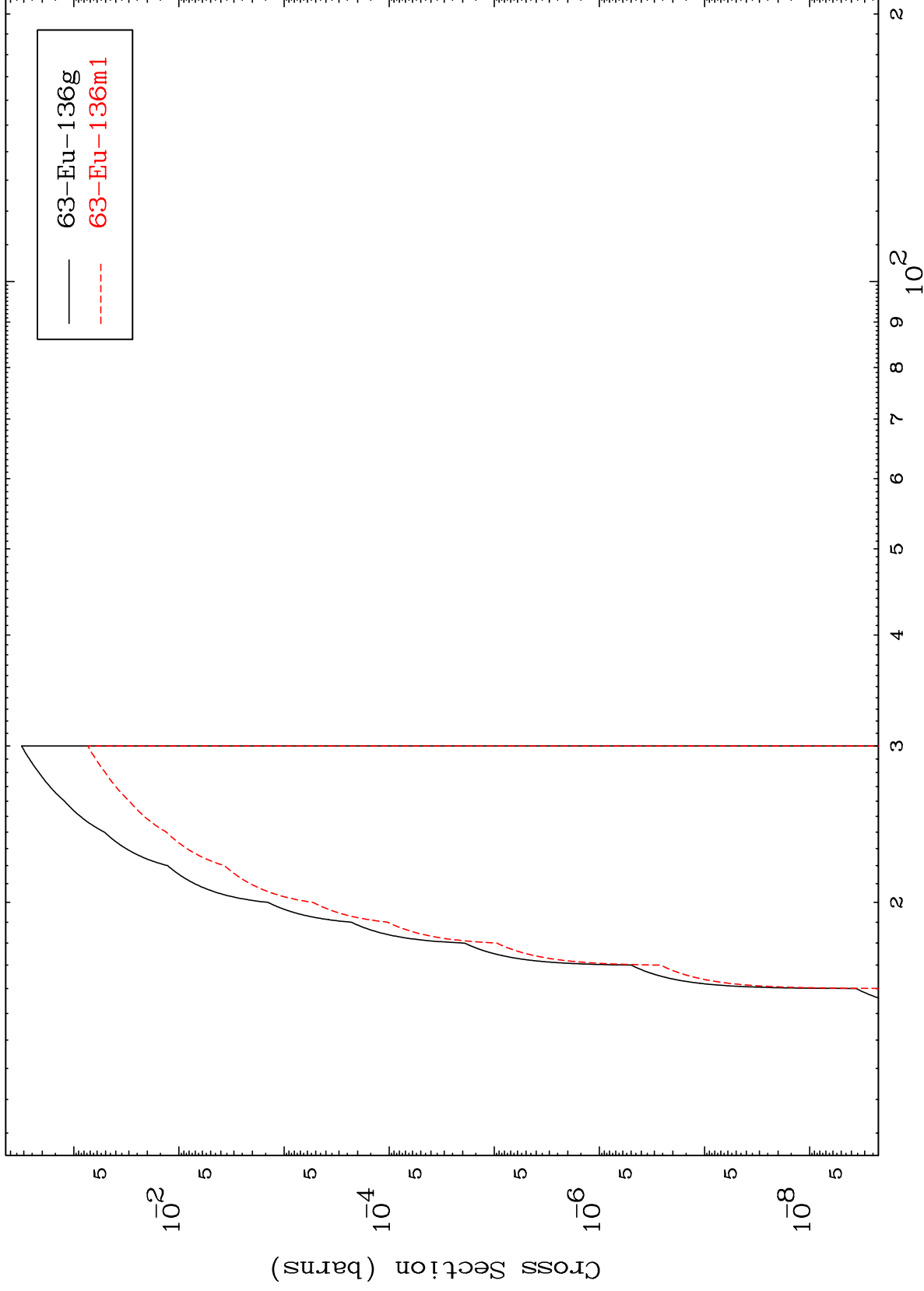


64-Gd-139g
64-Gd-139m2

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62-Sm-136

(n, t)
Radionuclide Production Cross Section



17

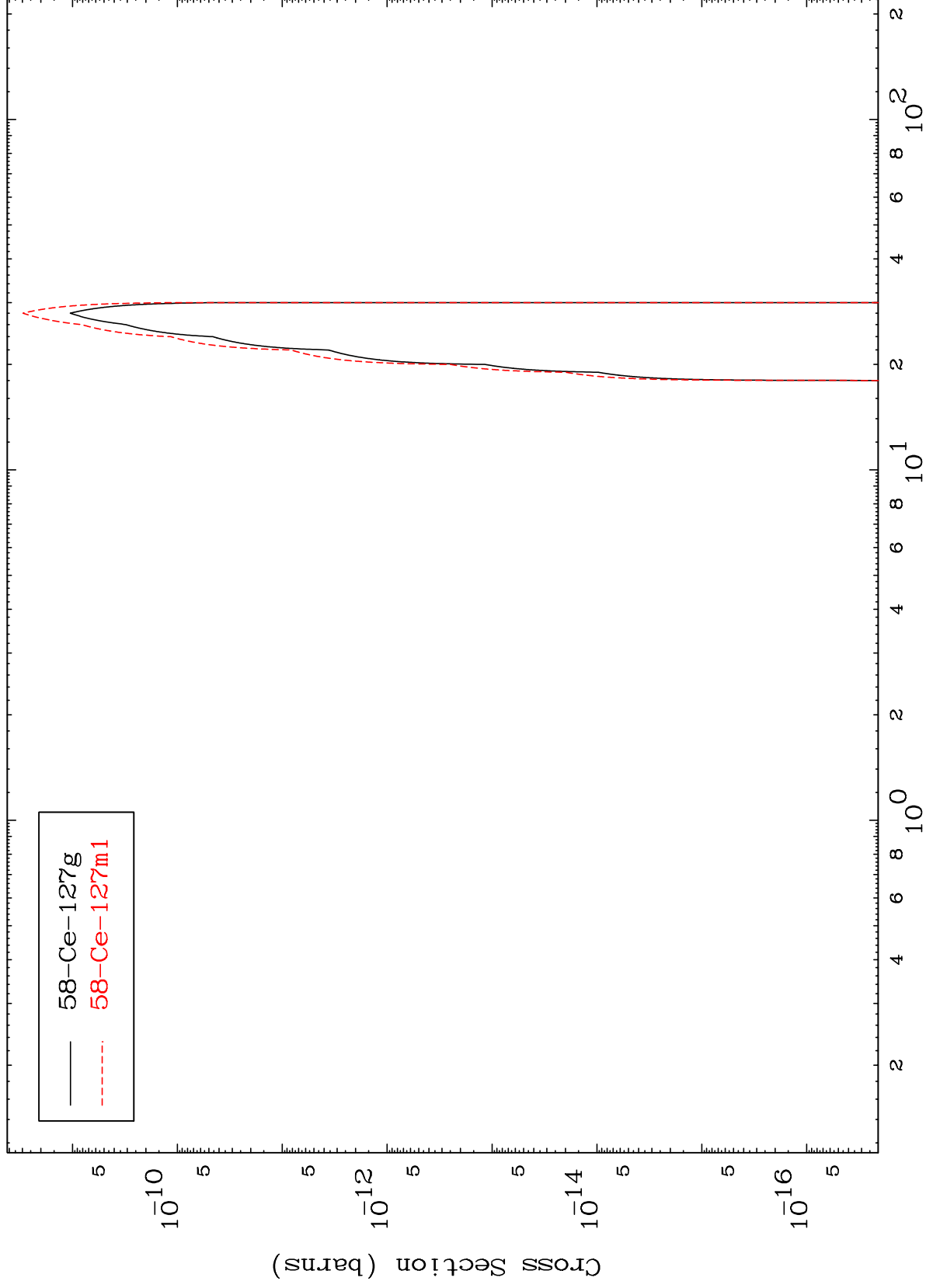
Incident Energy (MeV)

62-Sm-136

MAT 6201

62-Sm-136

(n, 3α)
Radionuclide Production Cross Section

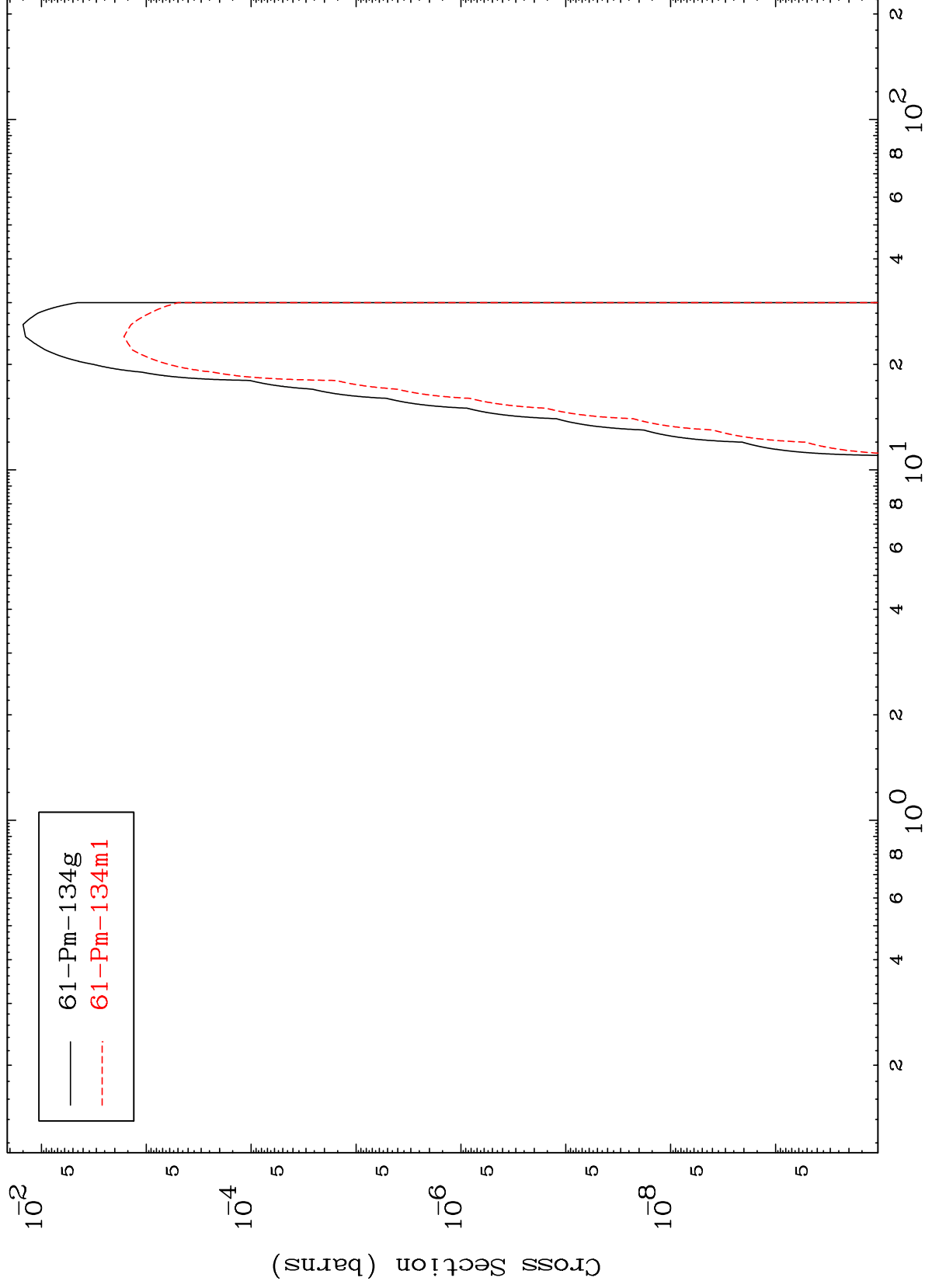


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(n,p) α

62-Sm-136

Radionuclide Production Cross Section



19

Incident Energy (MeV)

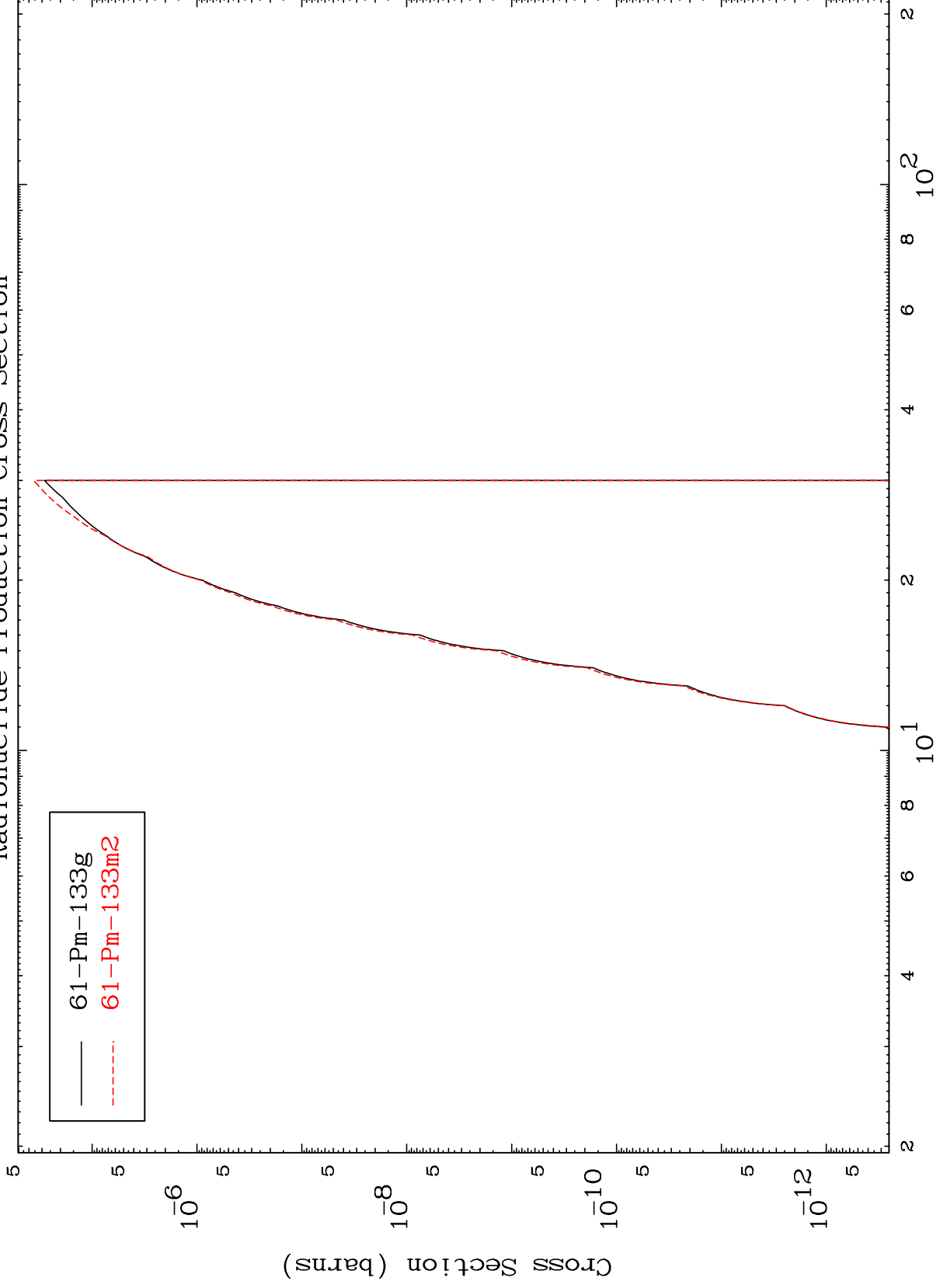
62-Sm-136

MAT 6201

(n,d) α

62-Sm-136

Radionuclide Production Cross Section



61-Pm-133g
61-Pm-133m2

20

Incident Energy (MeV)

62-Sm-136