

Program EVALPLOT  
(Version 2021-1)

by

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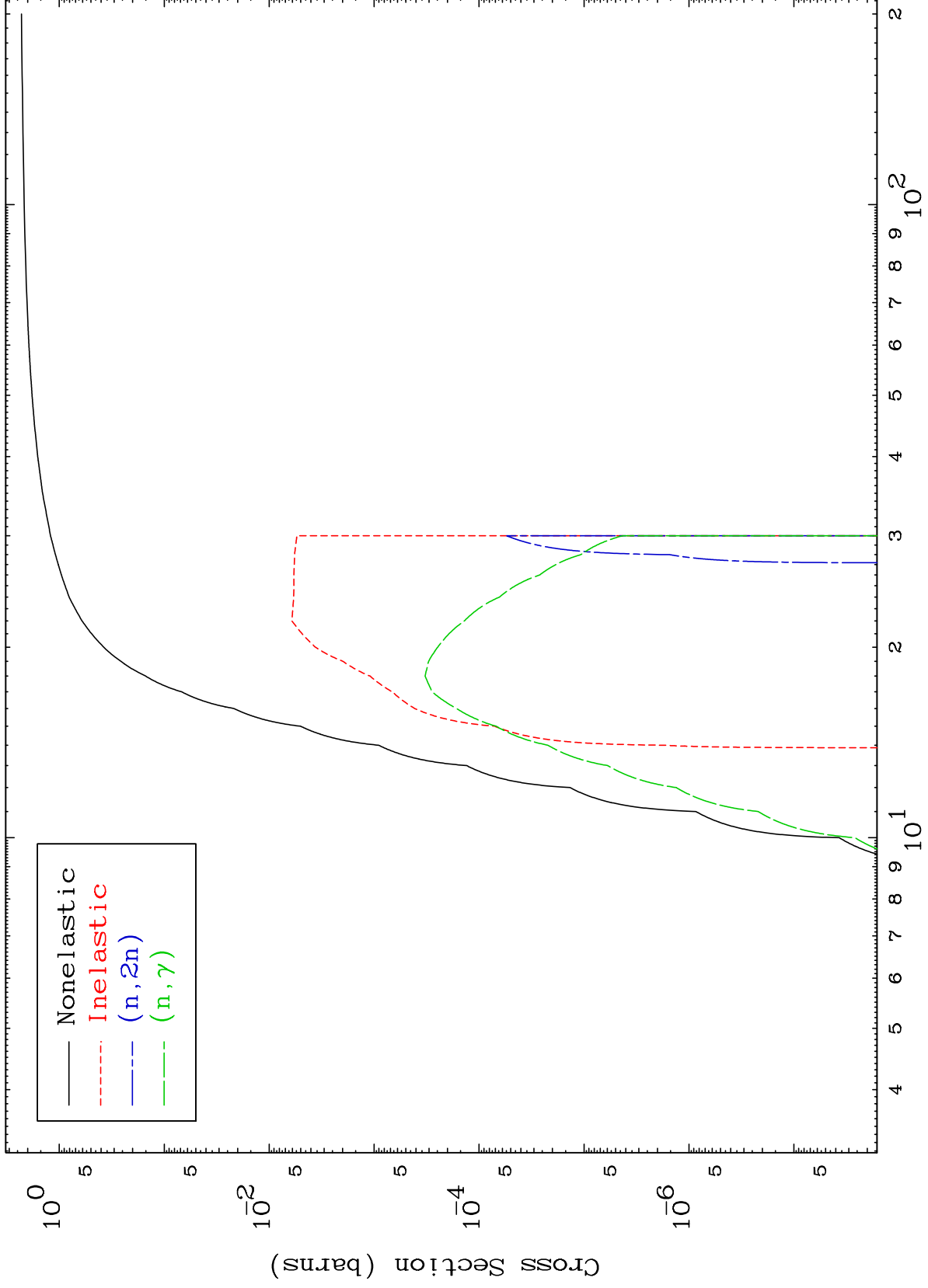
Web:redcullen1.net/HOMEPAGE.NEW

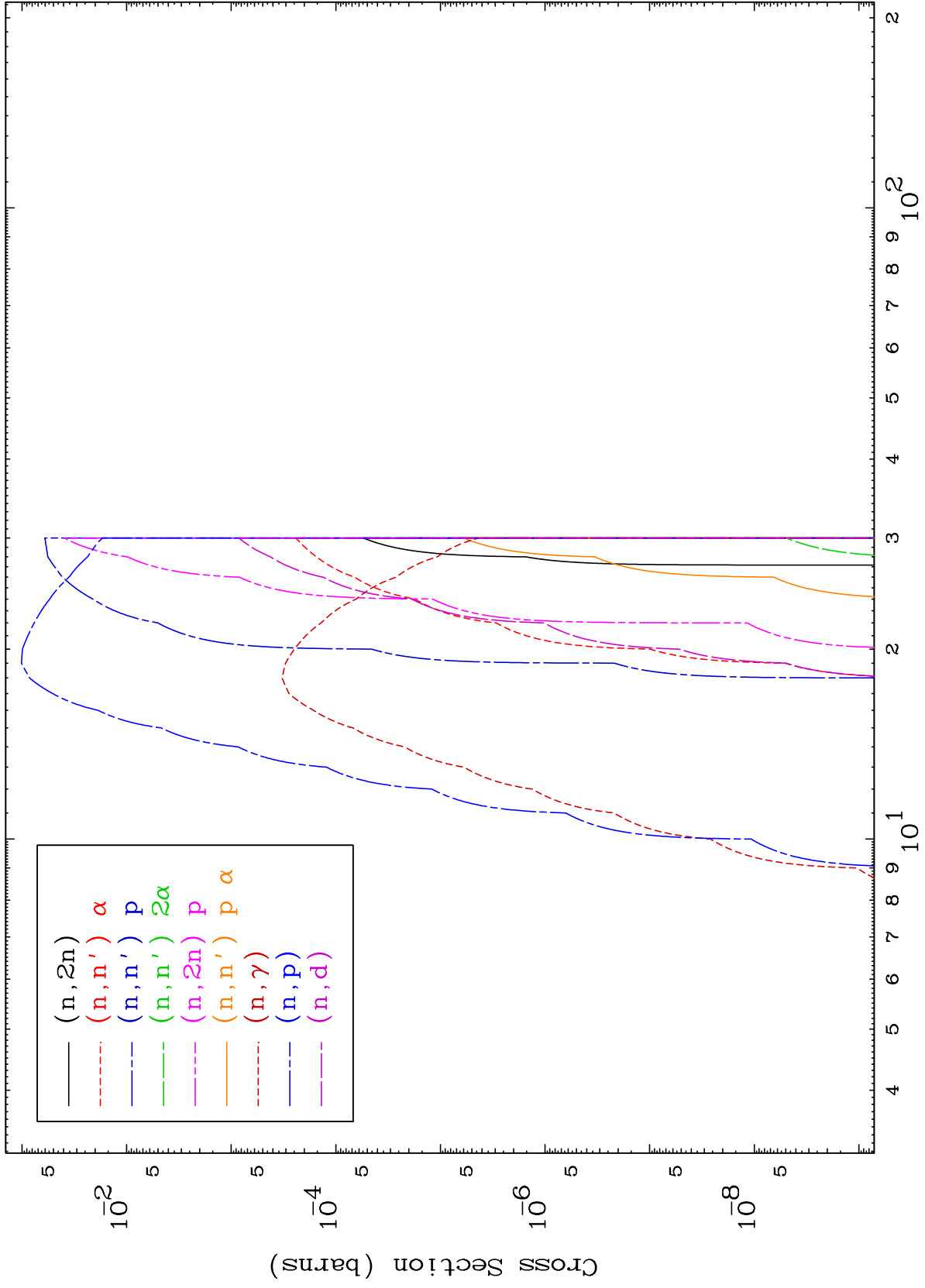
Press Mouse Button to Start

MAT 6193

0 Kelvin Cross Sections

62-Sm-133m

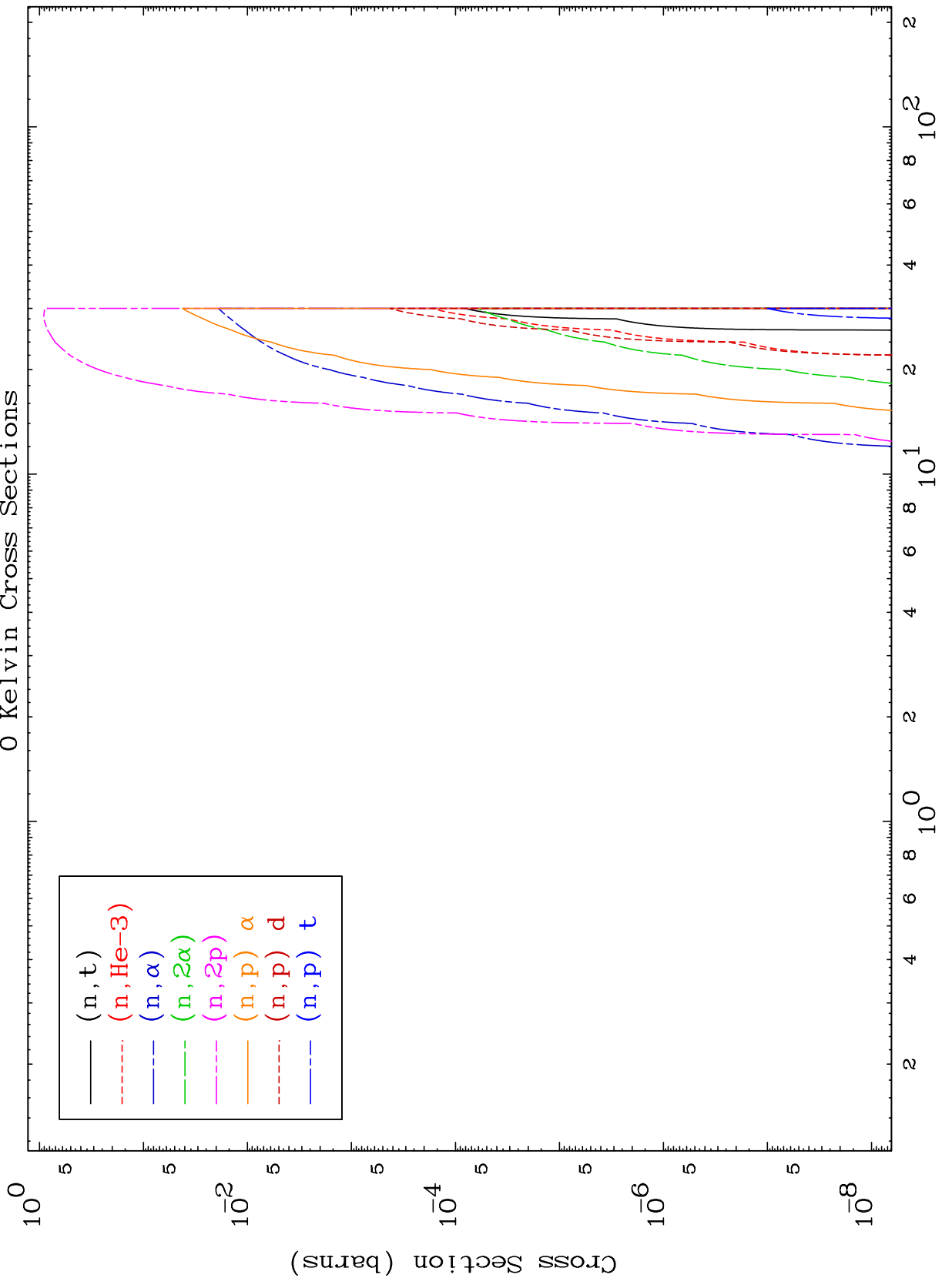




MAT 6193

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

62-Sm-133m



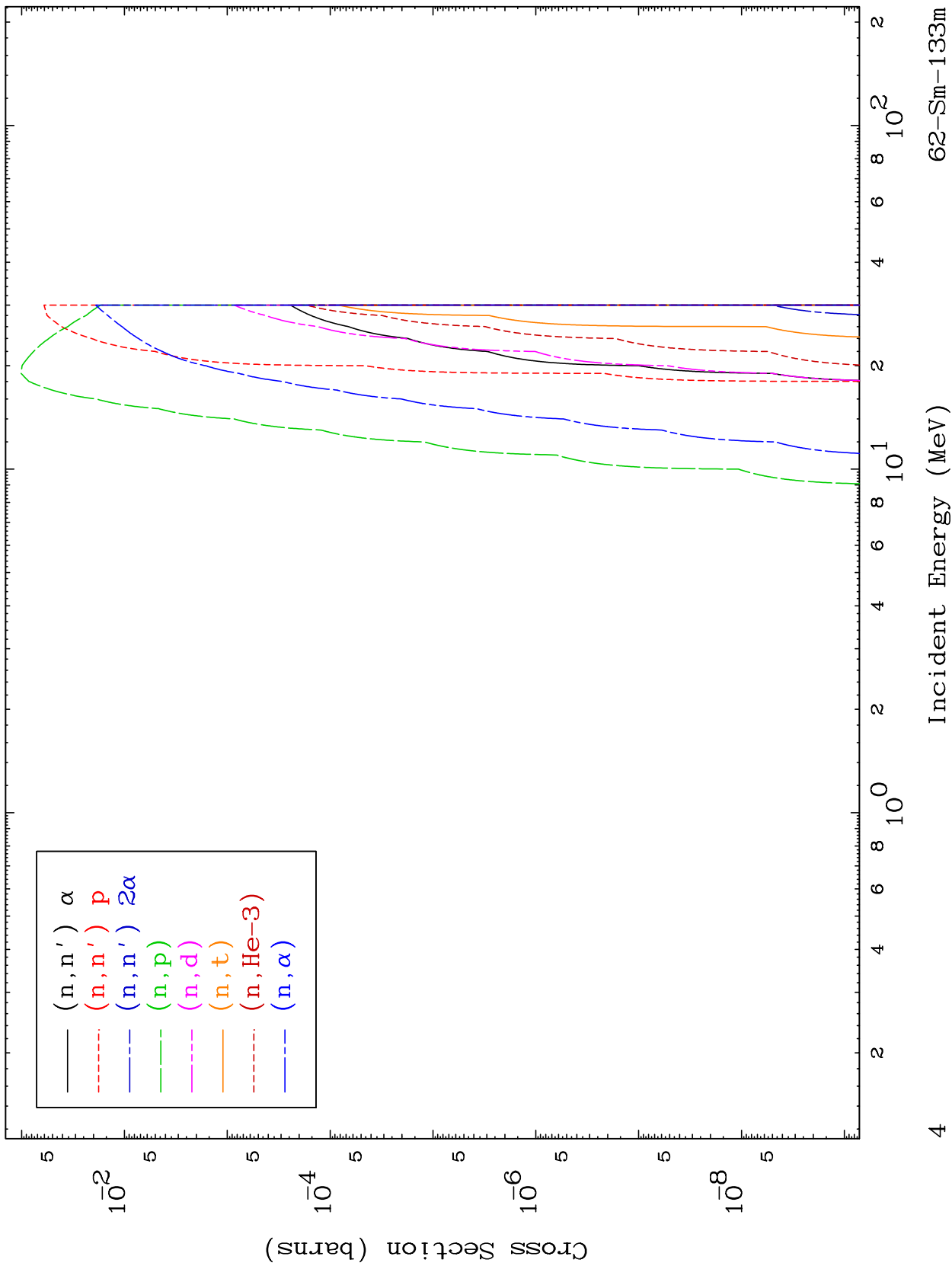
62-Sm-133m

Incident Energy (MeV)

MAT 6193

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

62-Sm-133m



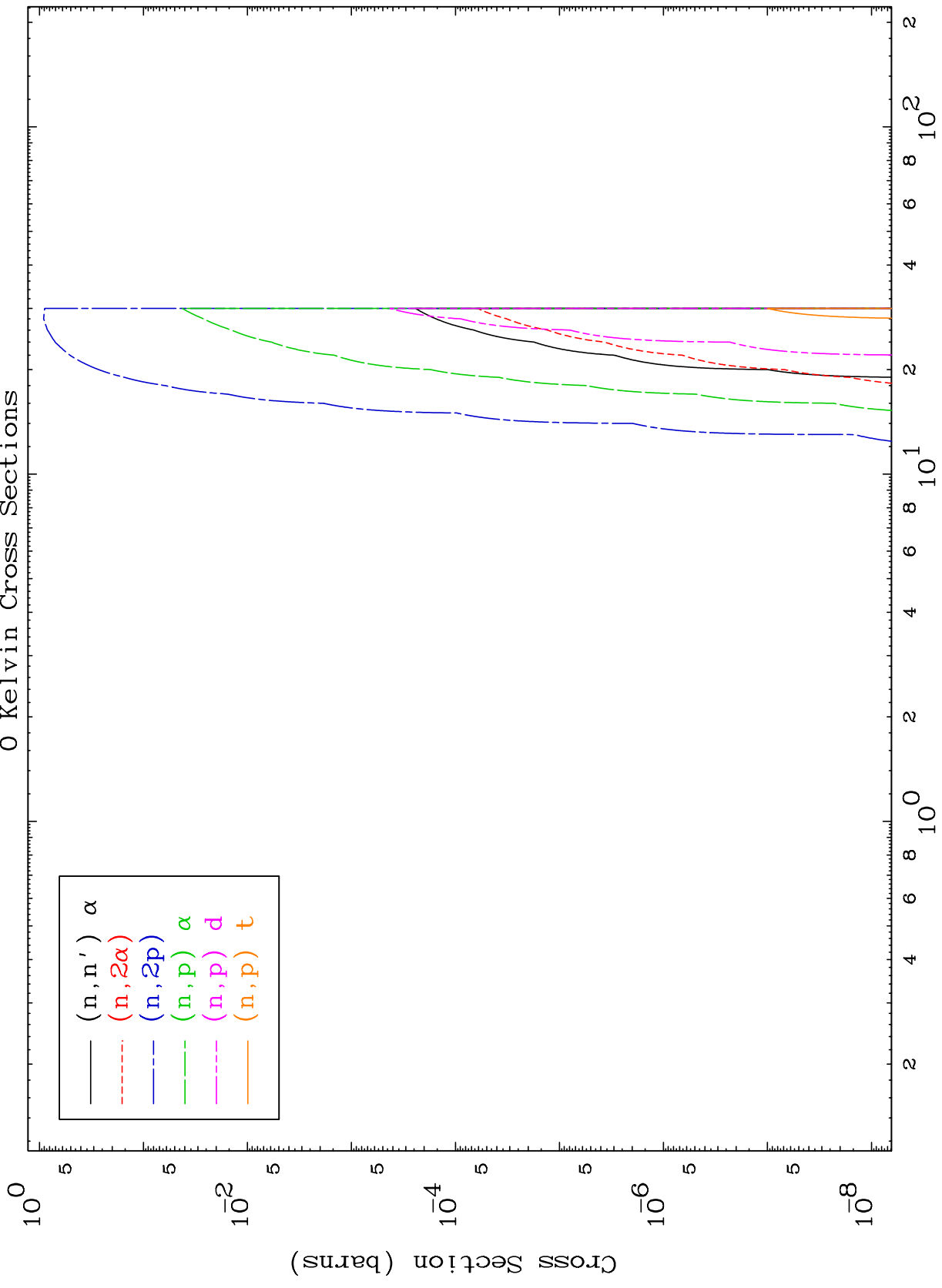
62-Sm-133m

Incident Energy (MeV)

MAT 6193

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

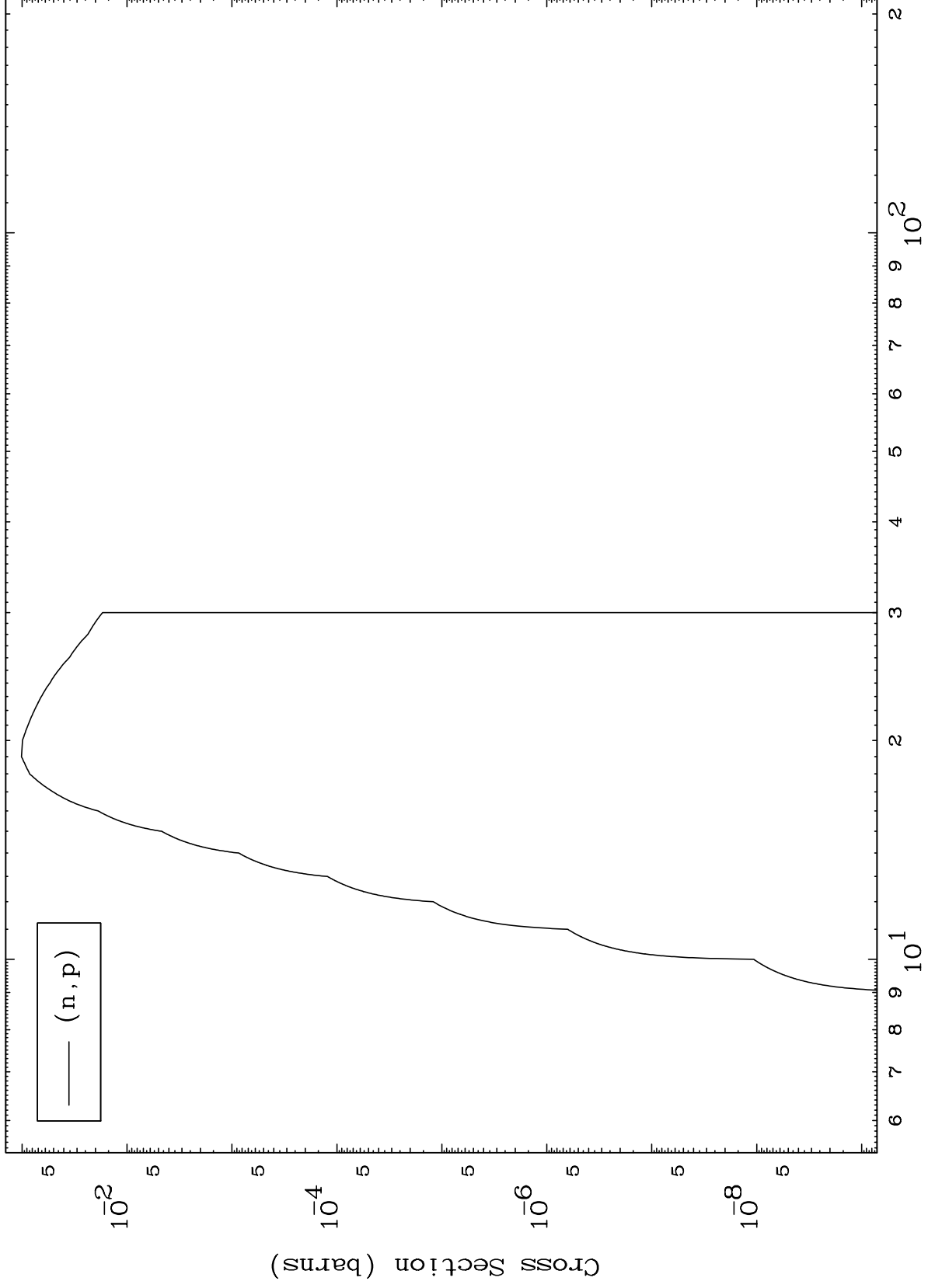
62-Sm-133m



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( $\alpha, p$ ) Levels  
0 Kelvin Cross Sections

62-Sm-133m



6

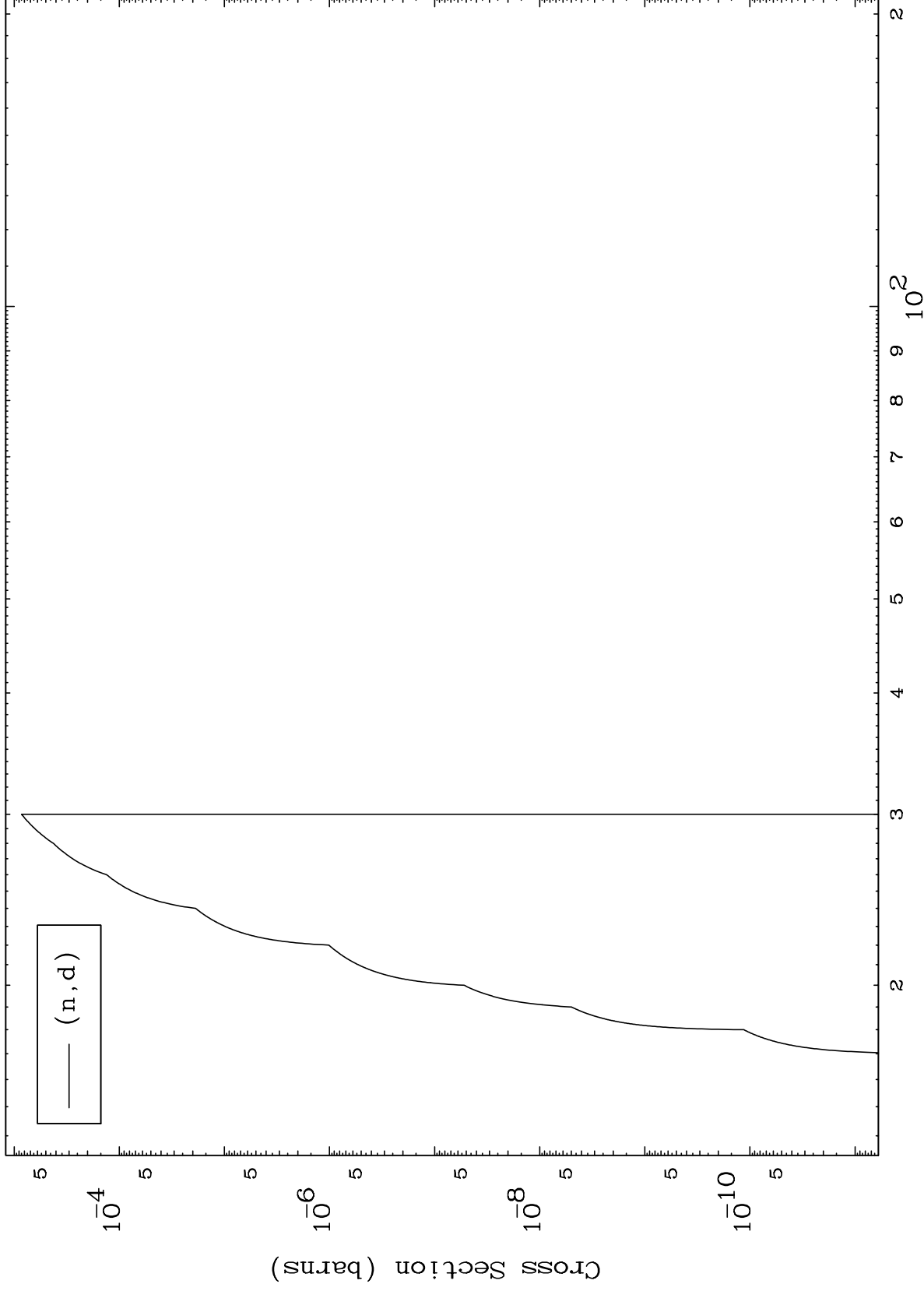
Incident Energy (MeV)

62-Sm-133m

MAT 6193

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

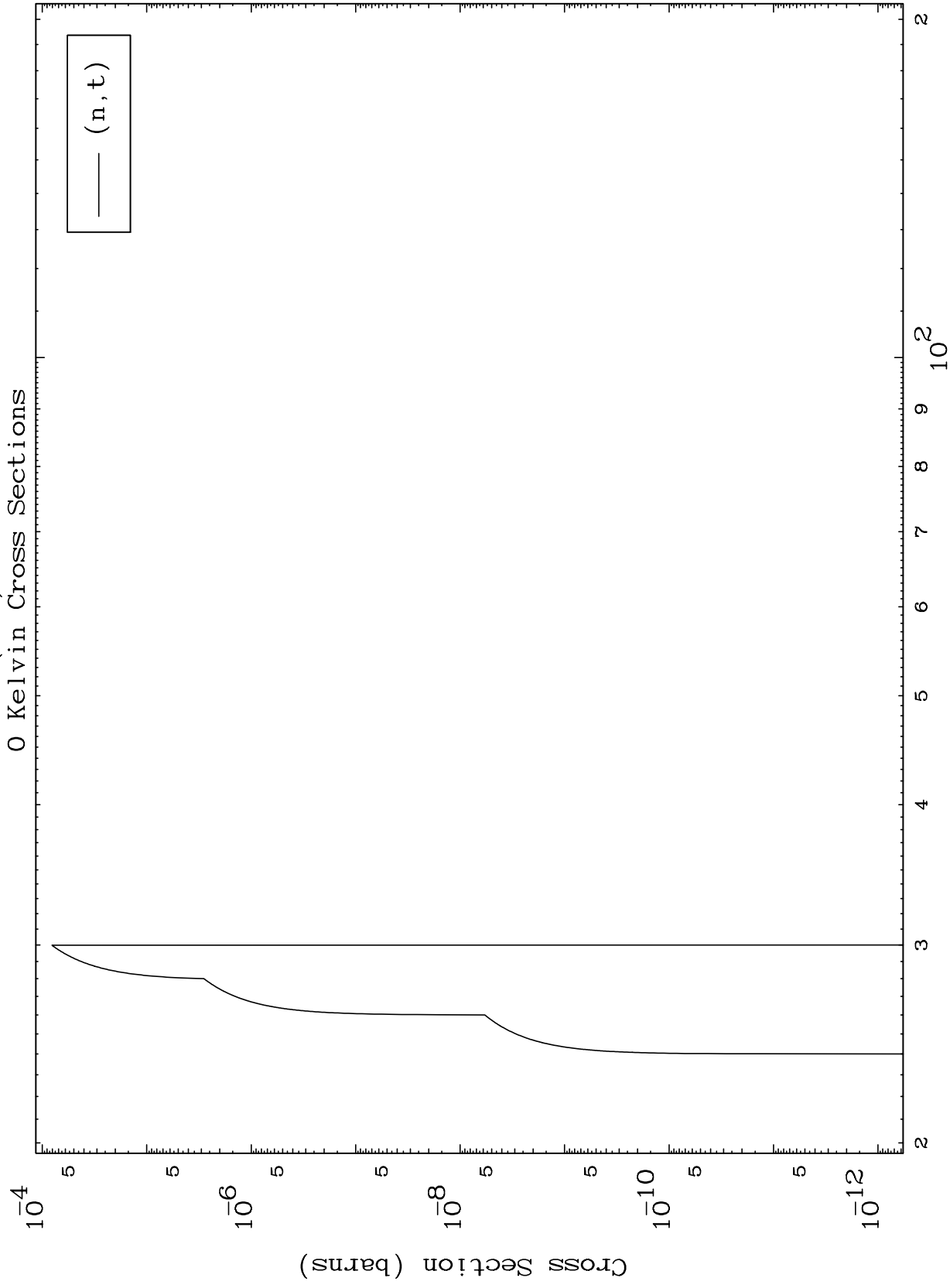
62-Sm-133m



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62-Sm-133m

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections



62-Sm-133m

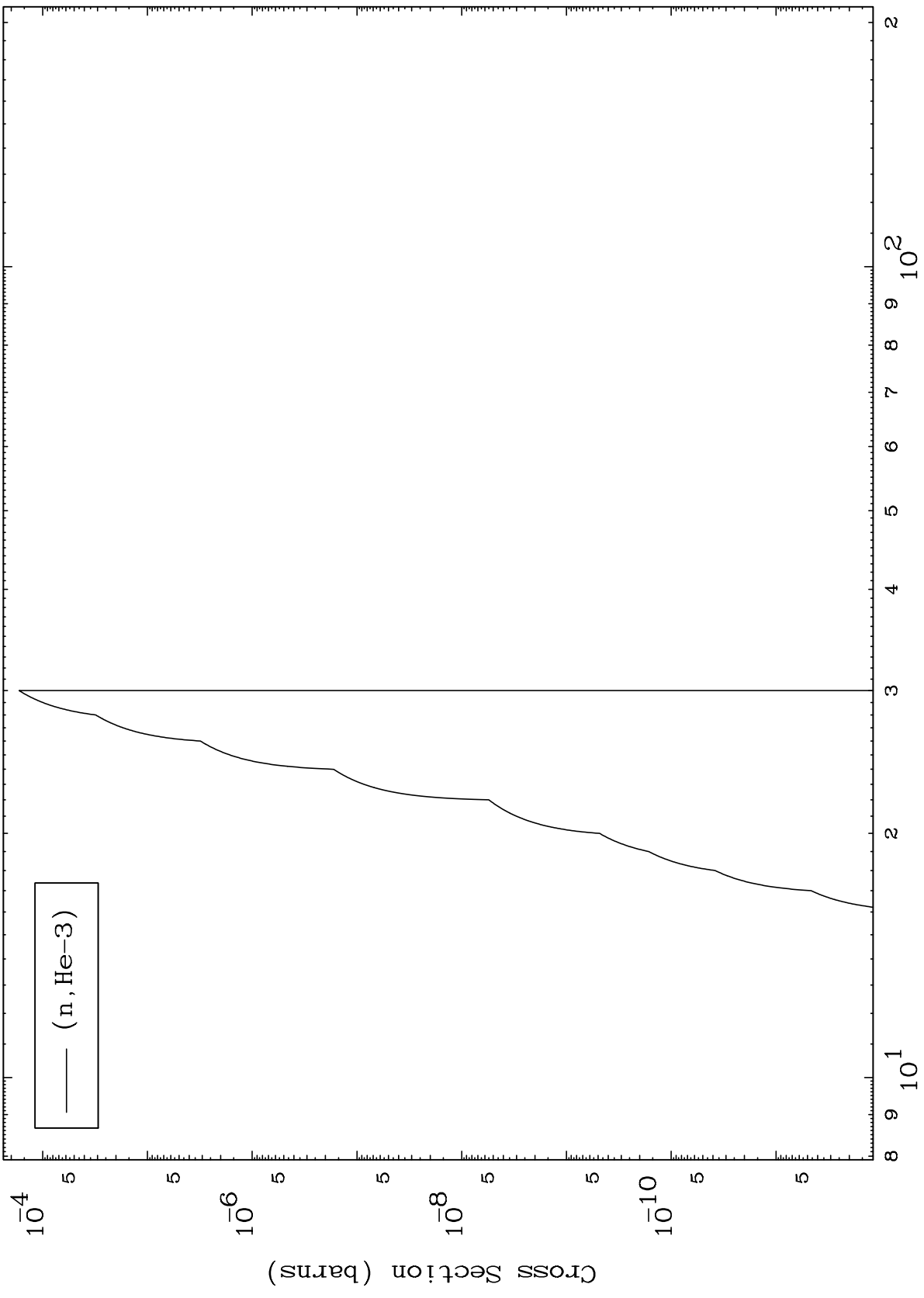
Incident Energy (MeV)

8

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62-Sm-133m

( $\alpha$ , He3) Levels  
0 Kelvin Cross Sections



9

Incident Energy (MeV)

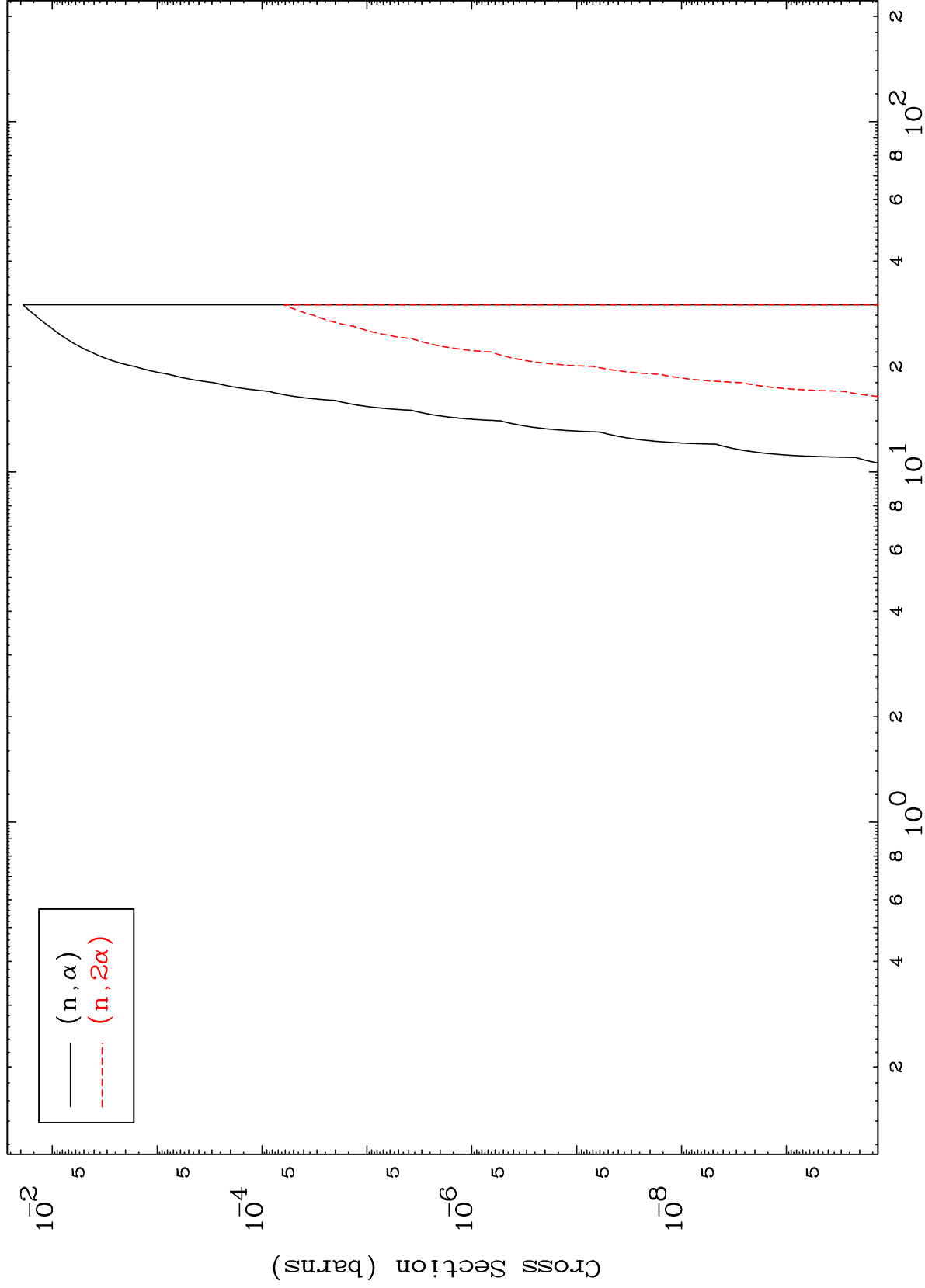
62-Sm-133m

MAT 6193

( $\alpha, \alpha$ ) Levels

62-Sm-133m

0 Kelvin Cross Sections



10

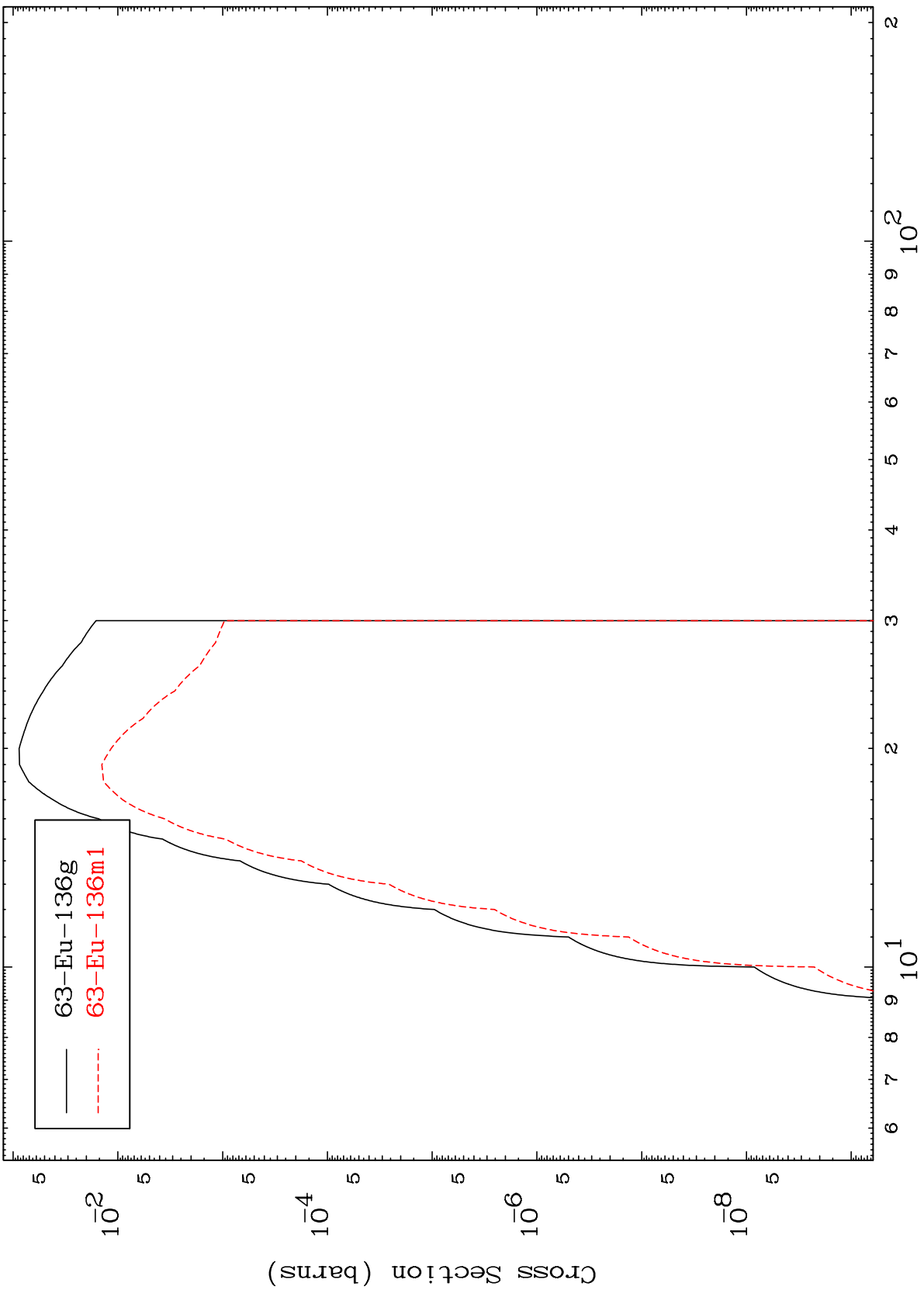
Incident Energy (MeV)

62-Sm-133m

MAT 6193

62-Sm-133m

Radionuclide Production Cross Section (n,p)



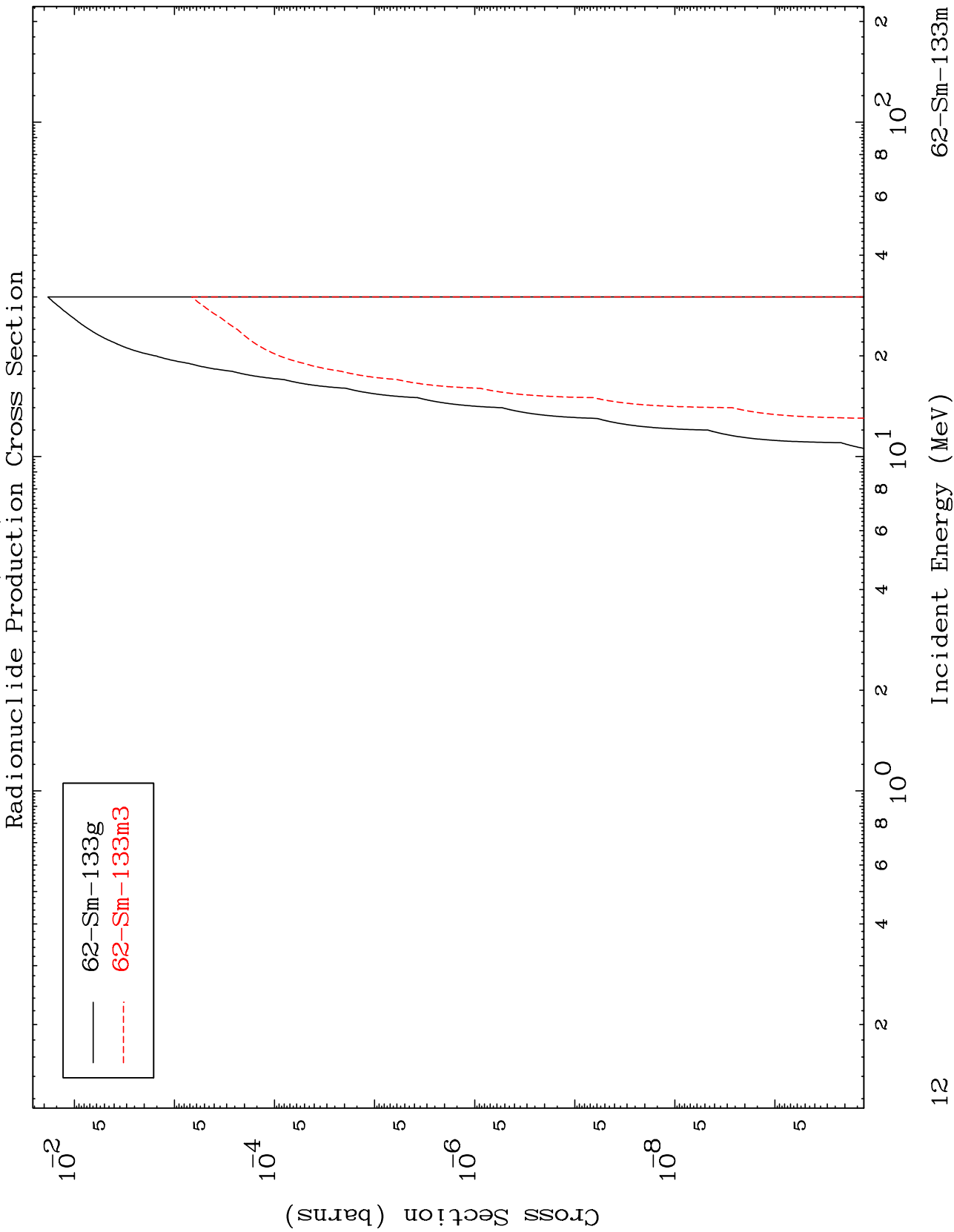
11

Incident Energy (MeV)

62-Sm-133m

MAT 6193

62-Sm-133m

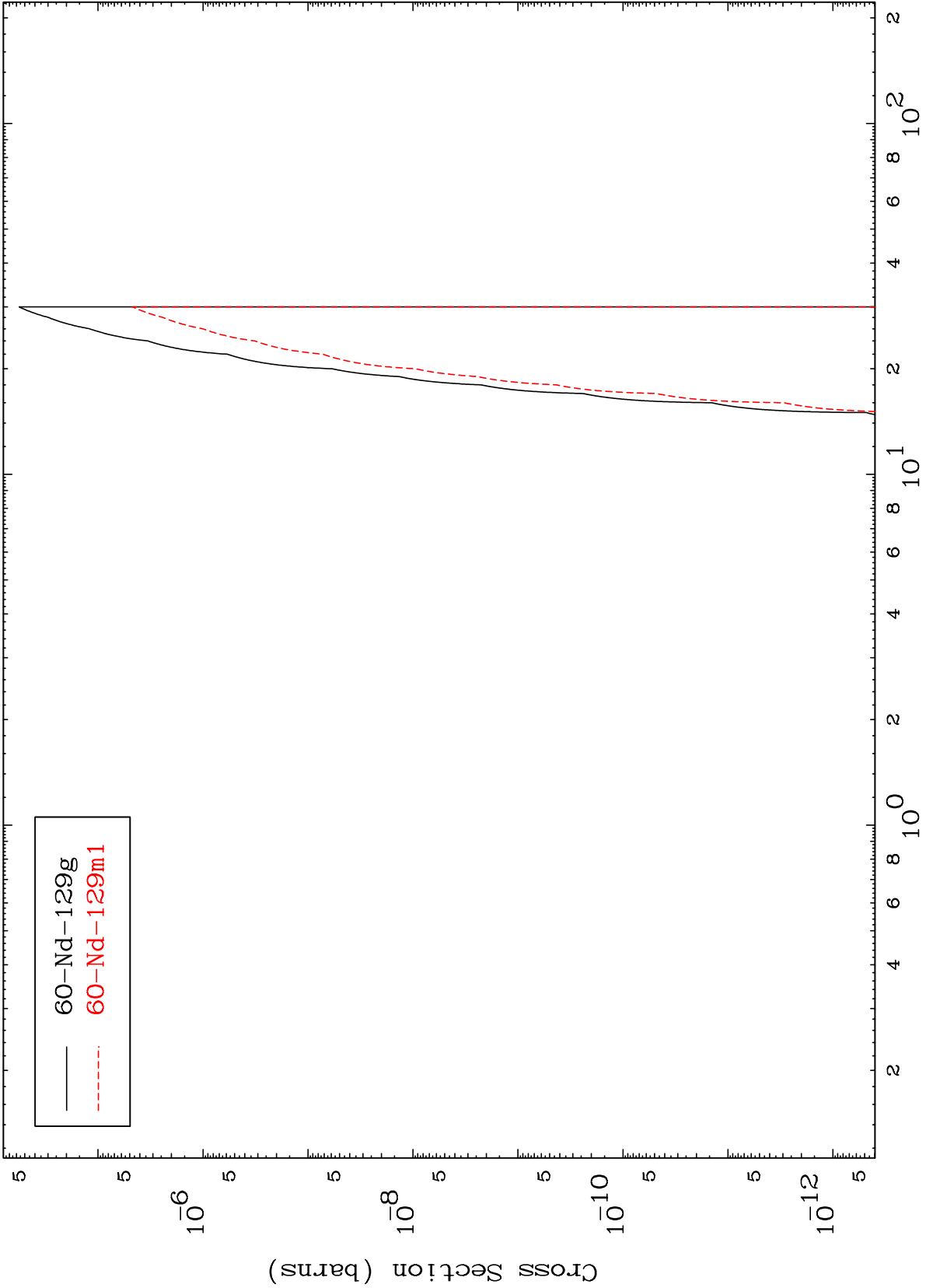


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(n,2α)

62-Sm-133m

Radionuclide Production Cross Section



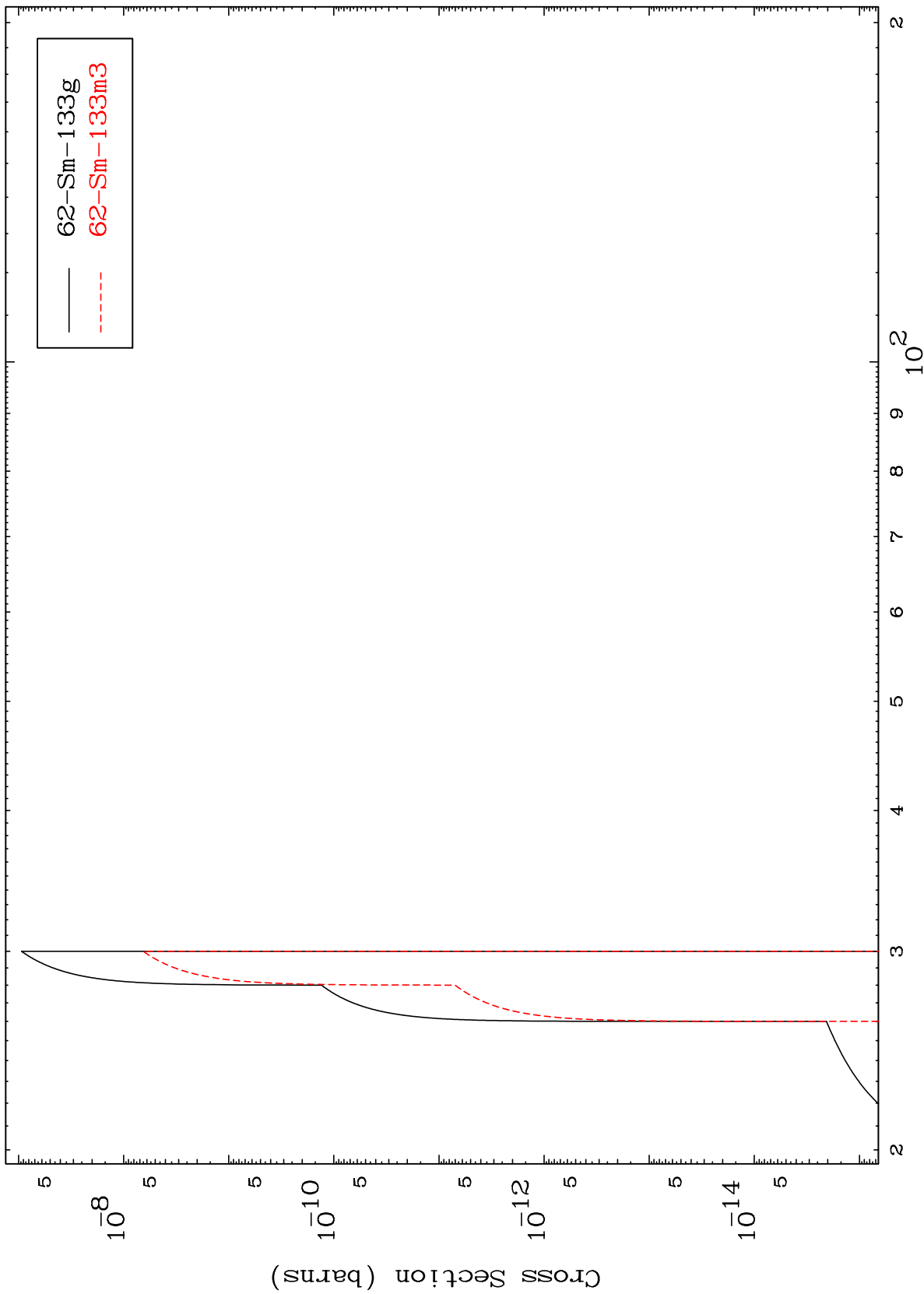
60-Nd-129g  
60-Nd-129m1

MAT 6193

(n,p) t

62-Sm-133m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

62-Sm-133m