

Program EVALPLOT  
(Version 2021-1)

by

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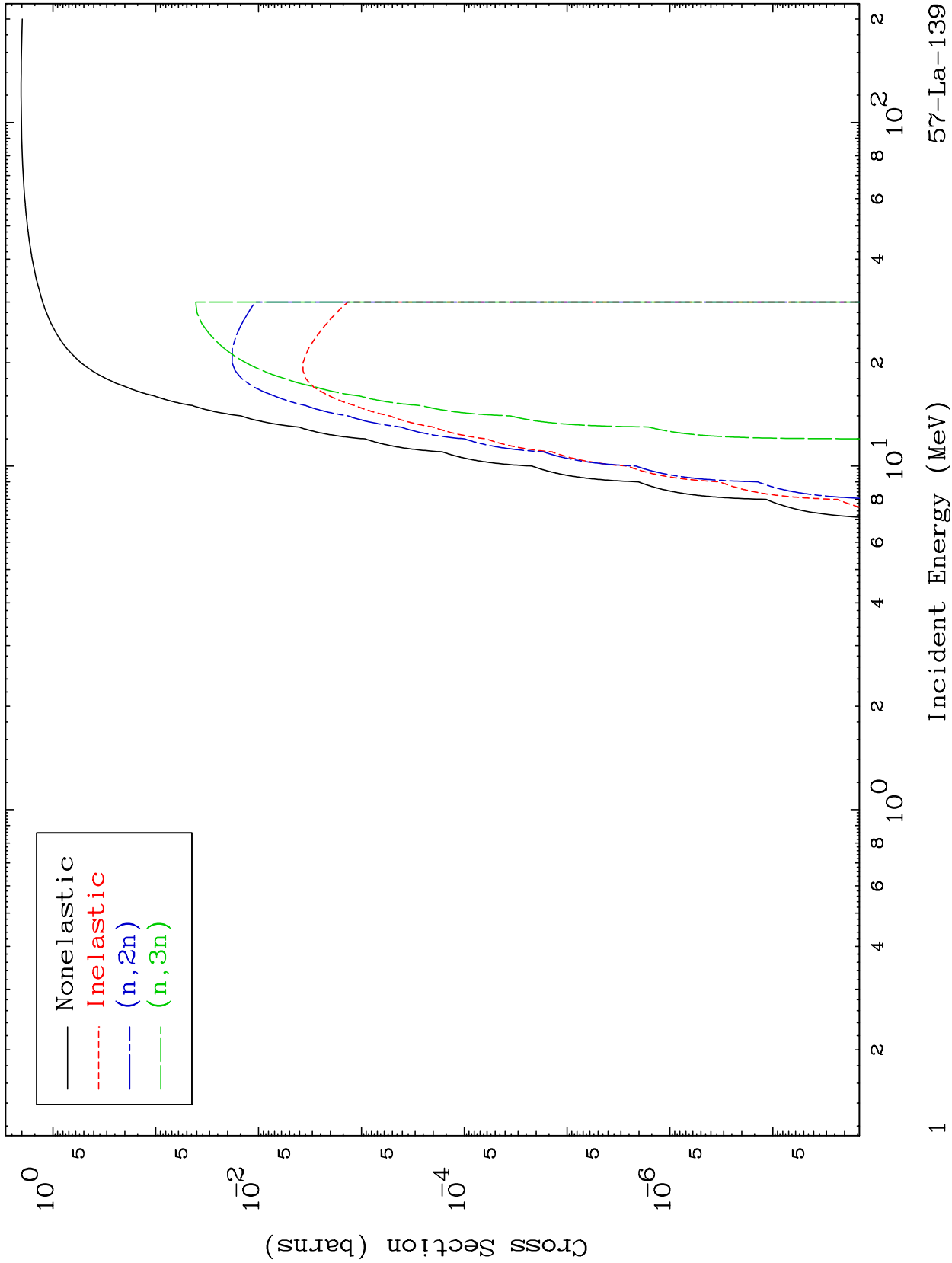
Press Mouse Button to Start

MAT 5728

He-3 Major

57-La-139

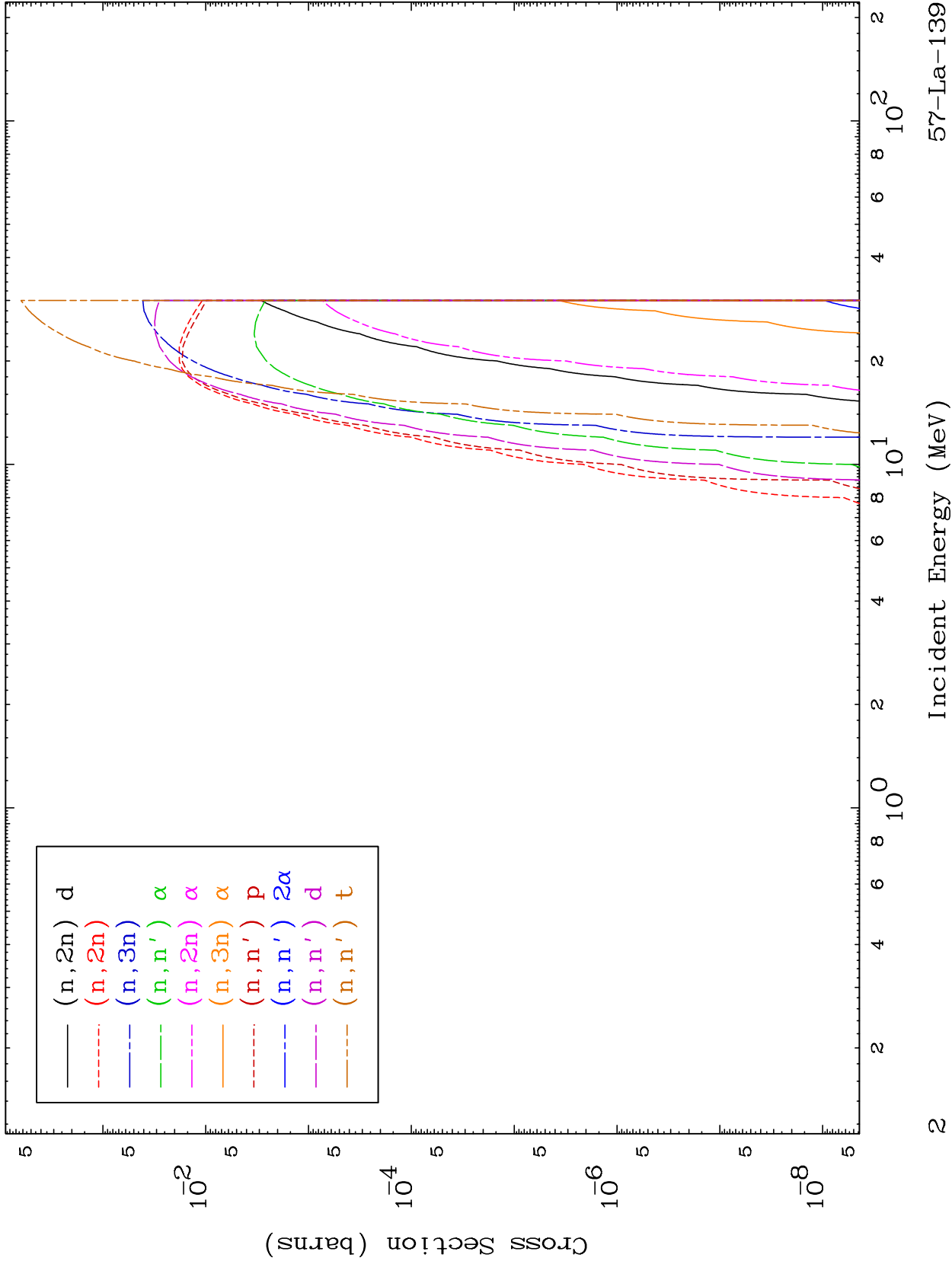
0 Kelvin Cross Sections



MAT 5728

He-3 Neutron Absorption  
0 Kelvin Cross Sections

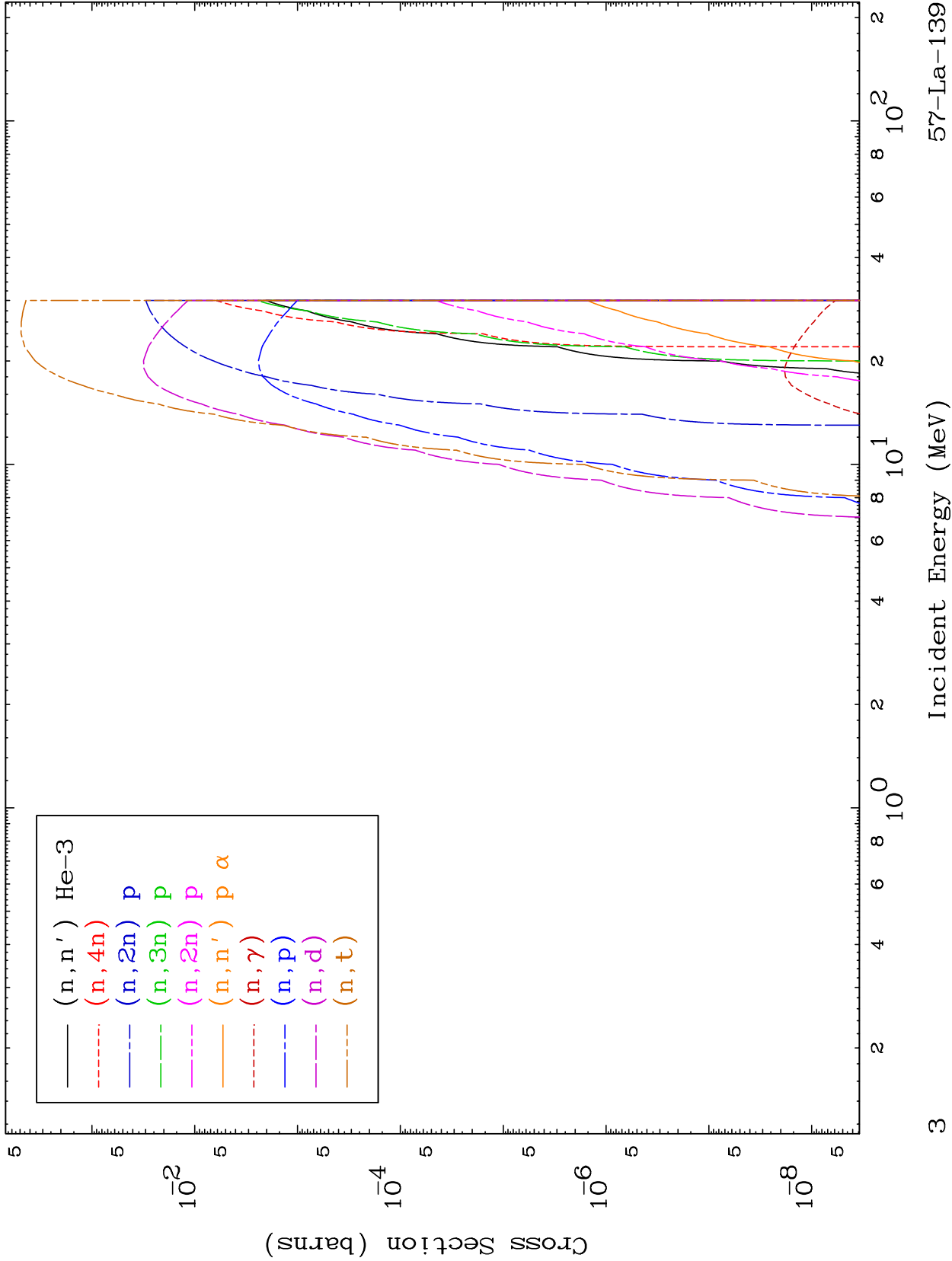
57-La-139



MAT 5728

He-3 Neutron Absorption  
0 Kelvin Cross Sections

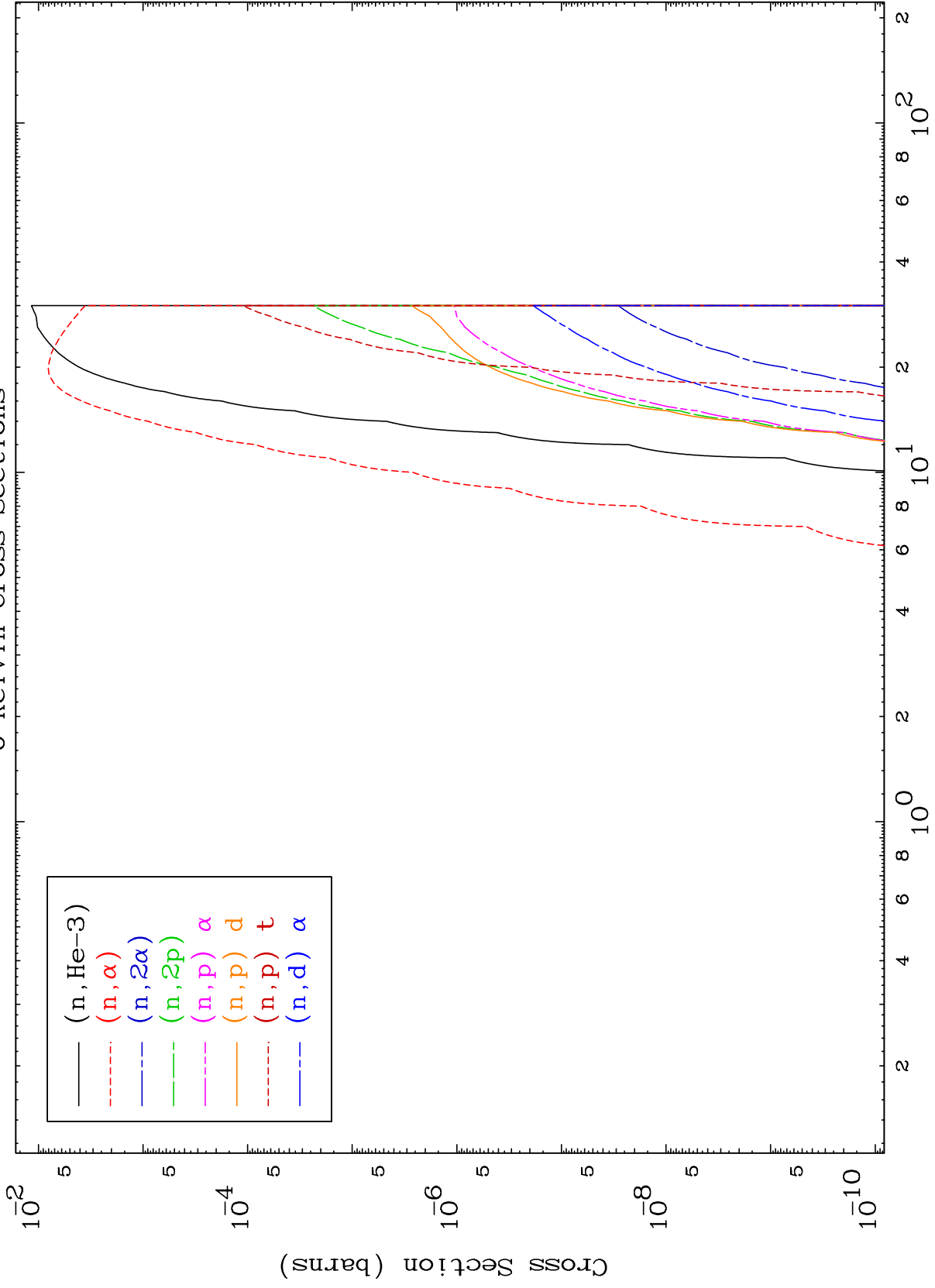
57-La-139

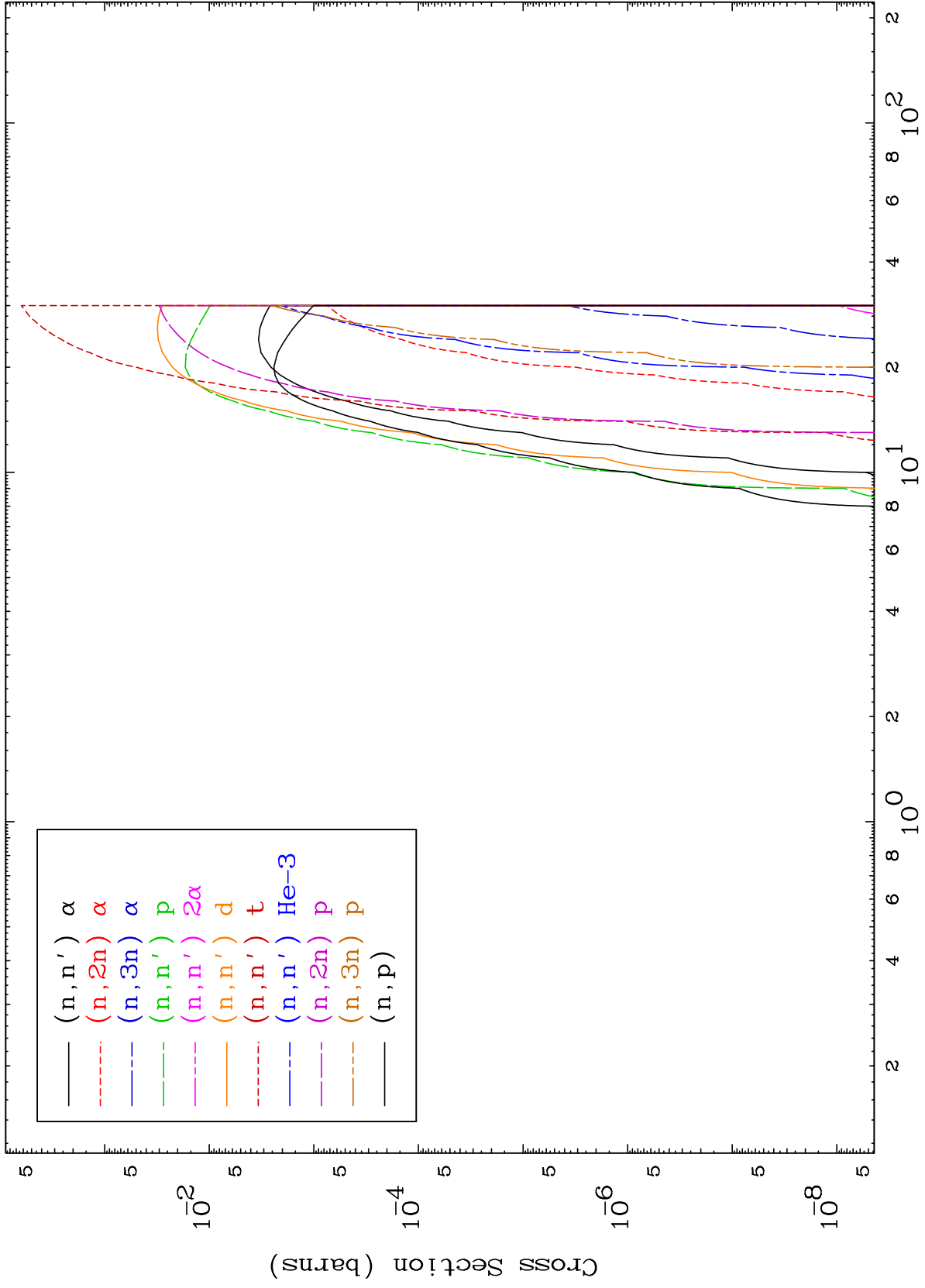


MAT 5728

He-3 Neutron Absorption  
0 Kelvin Cross Sections

57-La-139

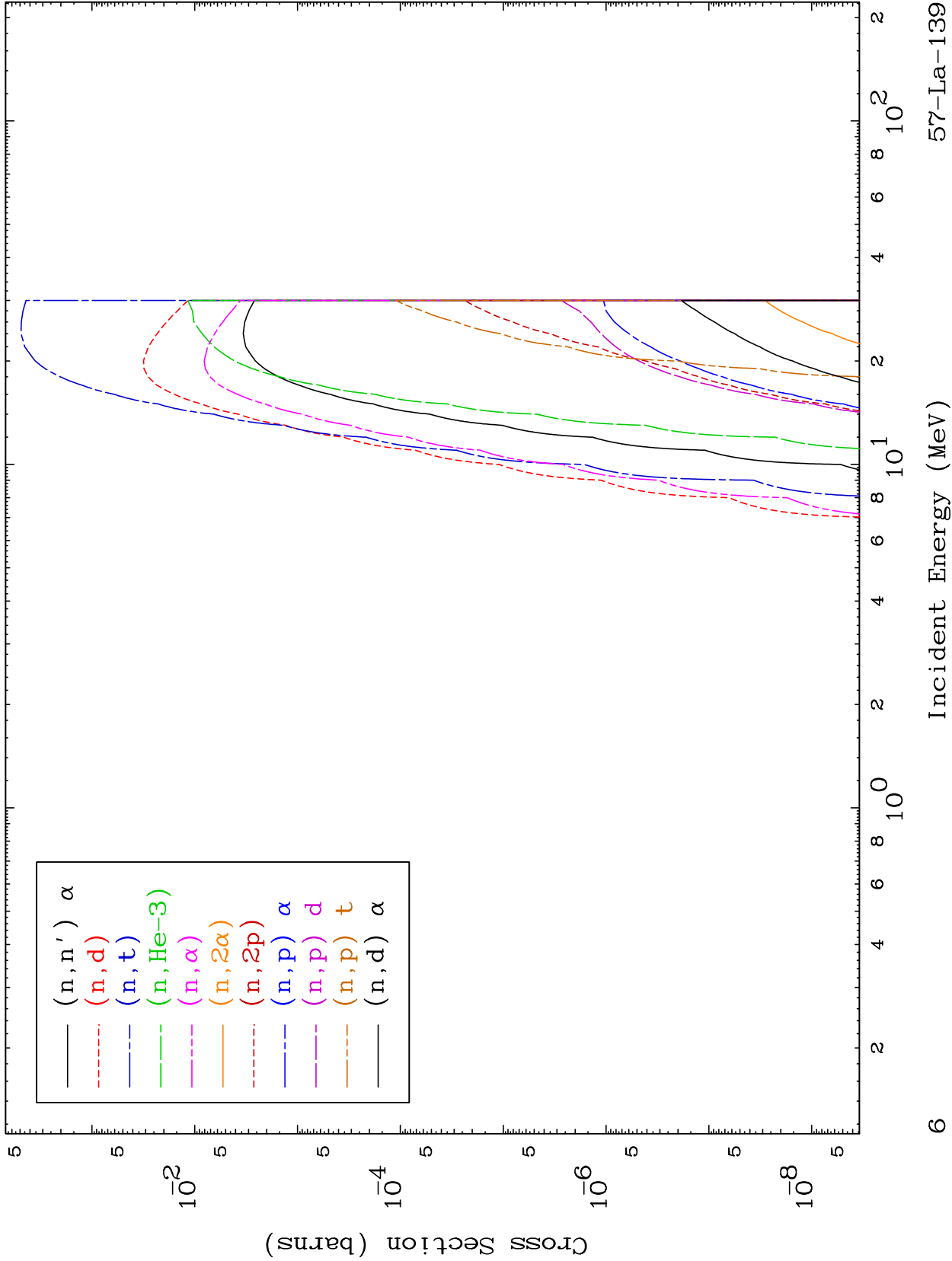




MAT 5728

He-3 Charged Particle  
0 Kelvin Cross Sections

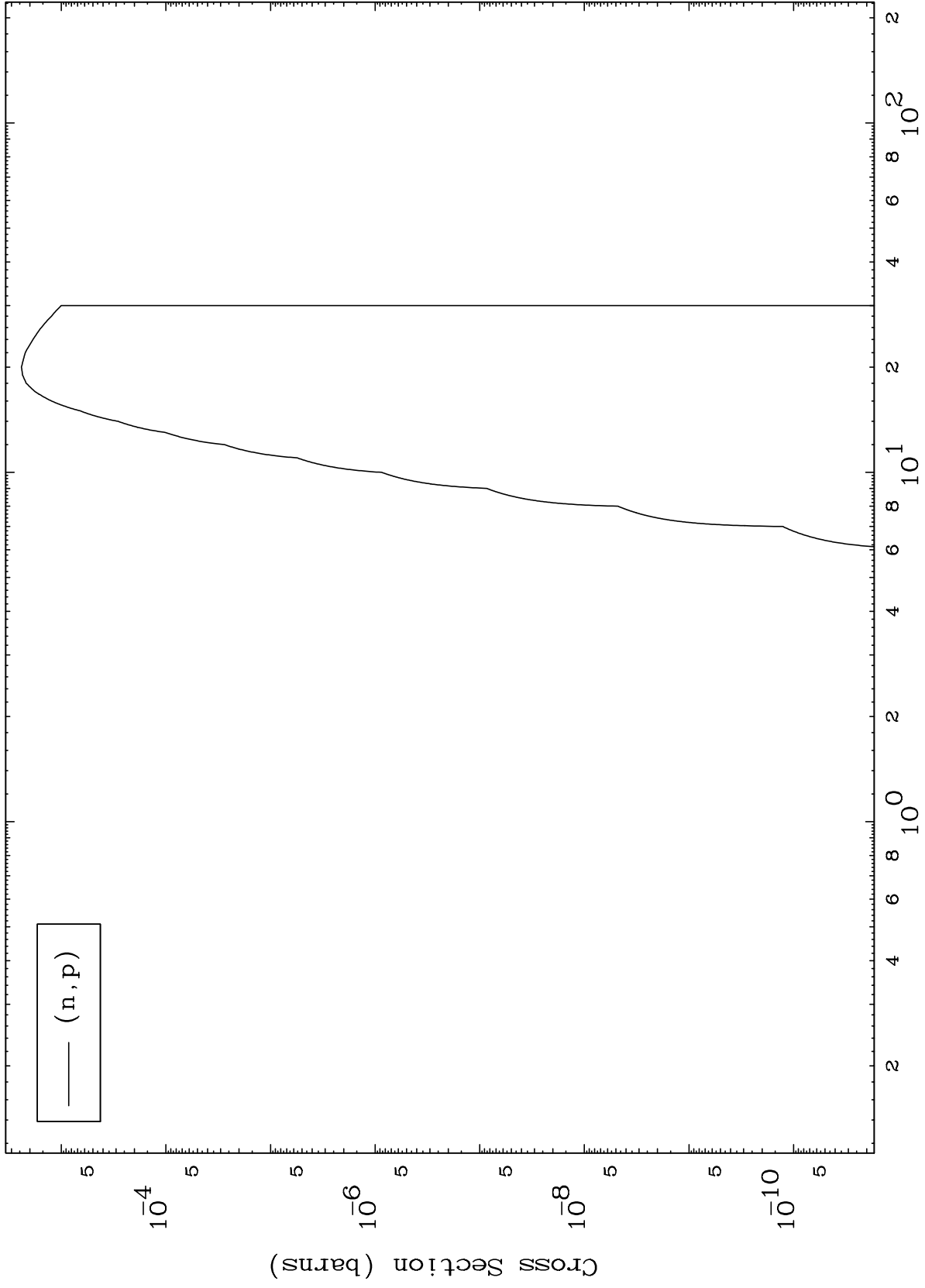
57-La-139



MAT 5728

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

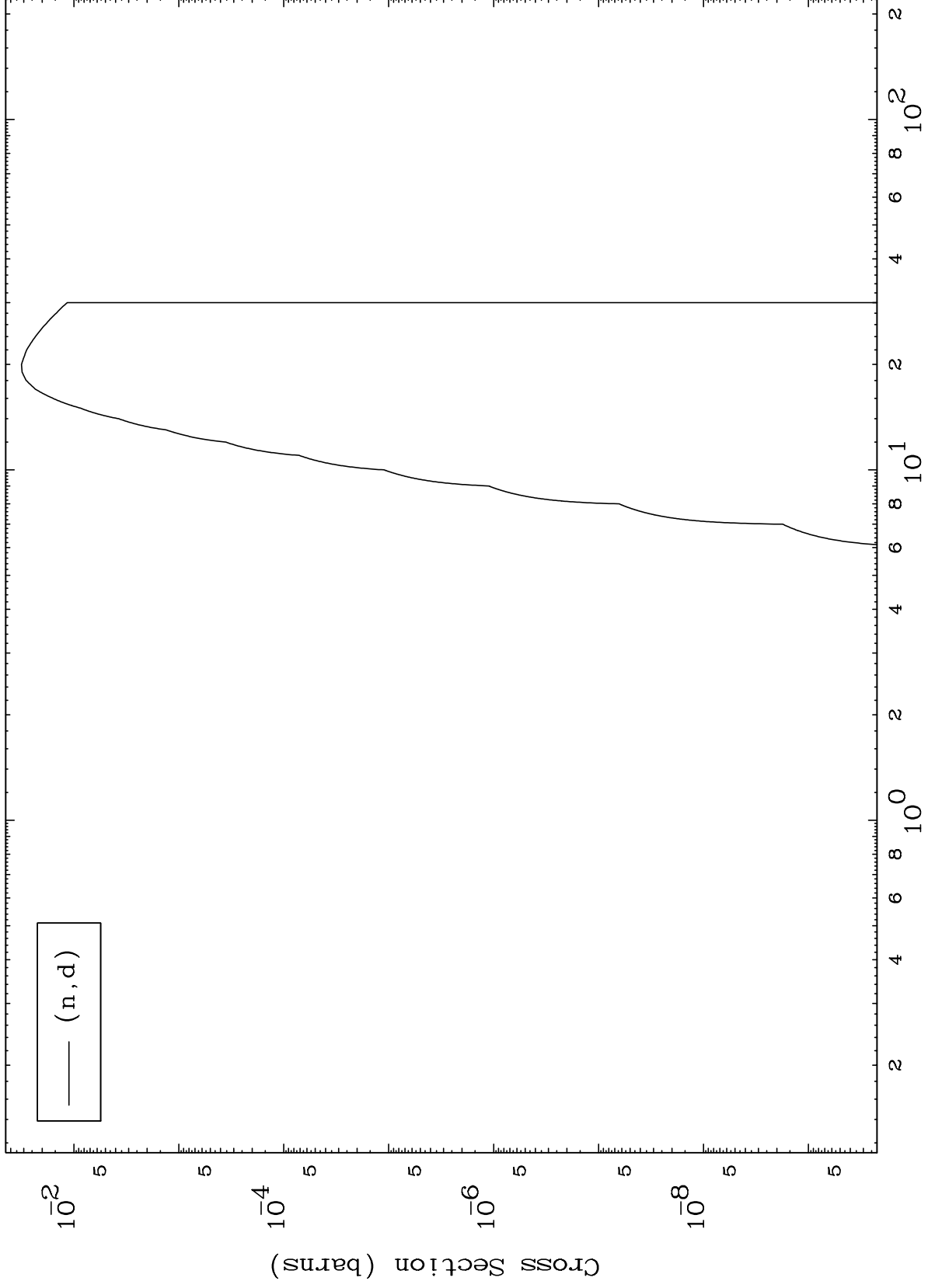
57-La-139



MAT 5728

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

57-La-139

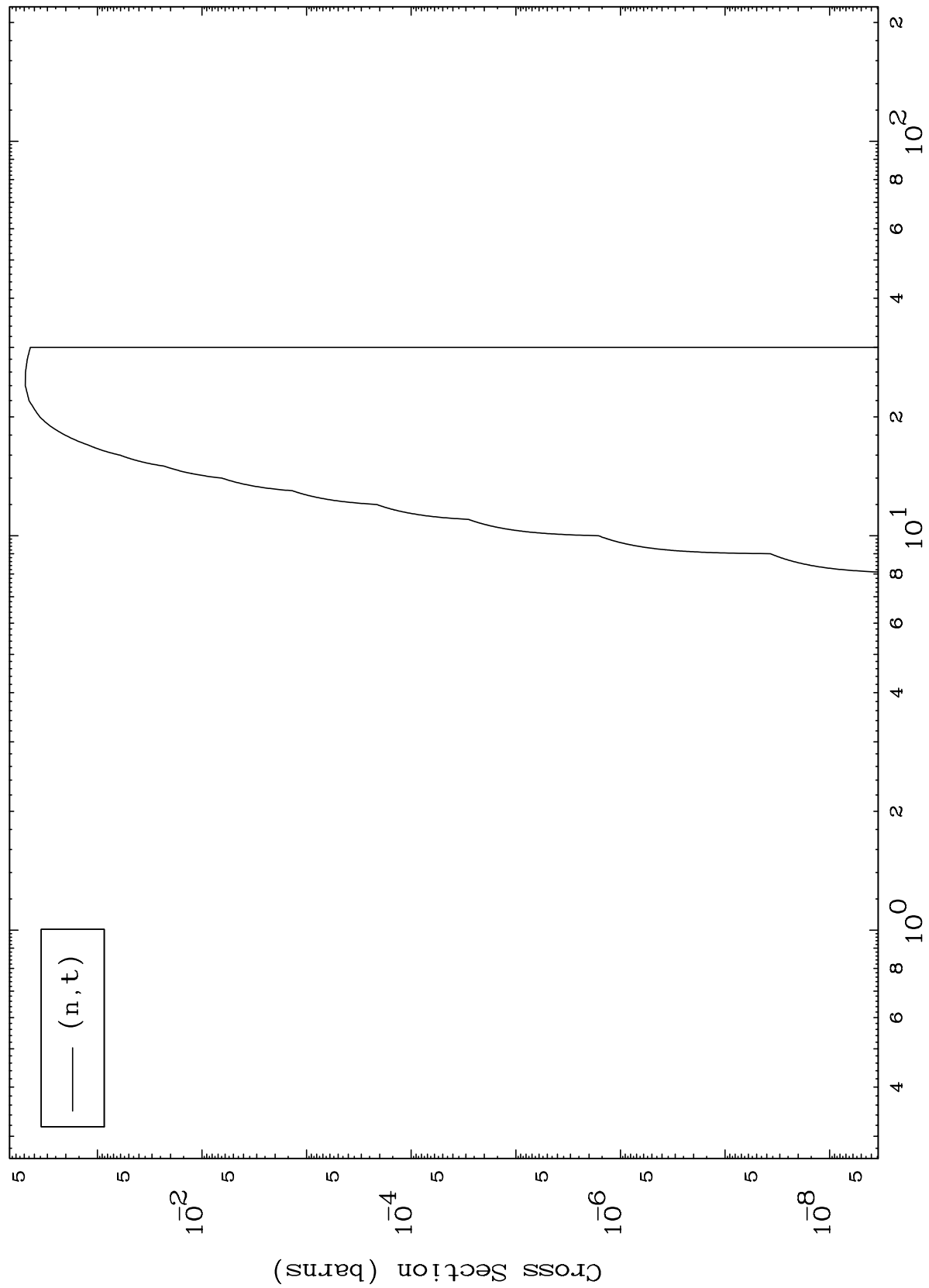


MAT 5728

(He-3,t) Levels

57-La-139

0 Kelvin Cross Sections

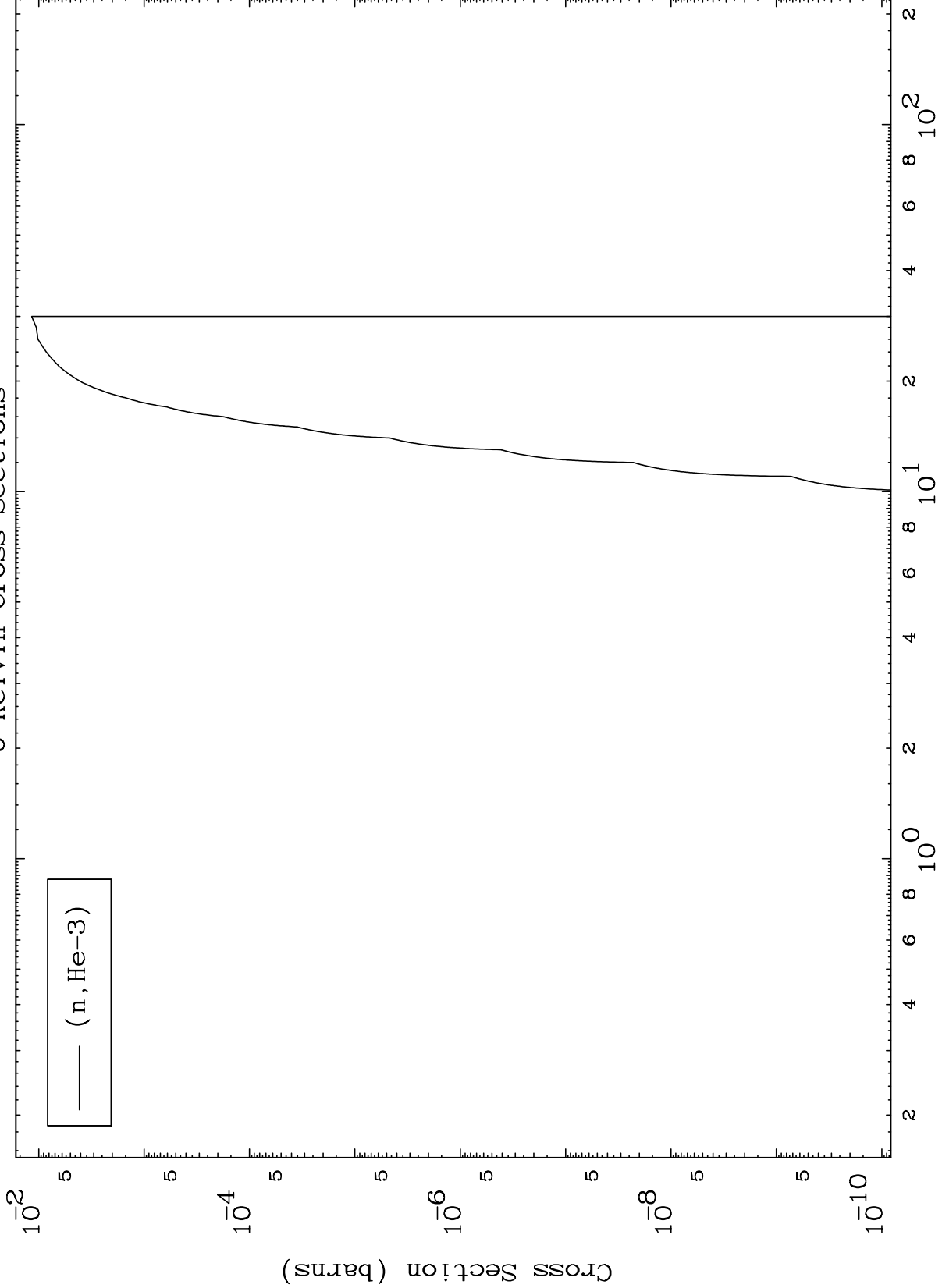


MAT 5728

(He-3, He3) Levels

57-La-139

0 Kelvin Cross Sections



10

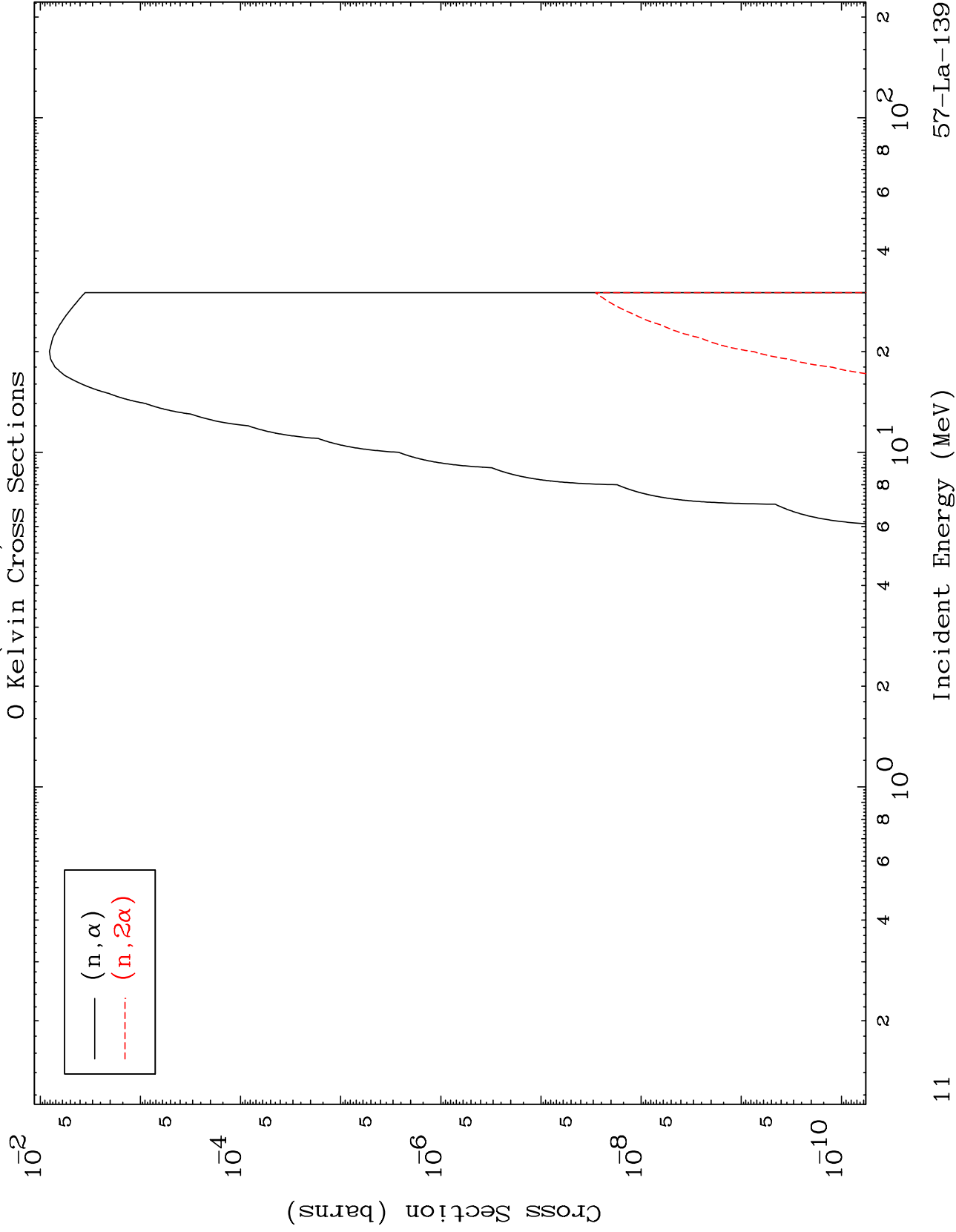
Incident Energy (MeV)

57-La-139

MAT 5728

(He-3,  $\alpha$ ) Levels

57-La-139

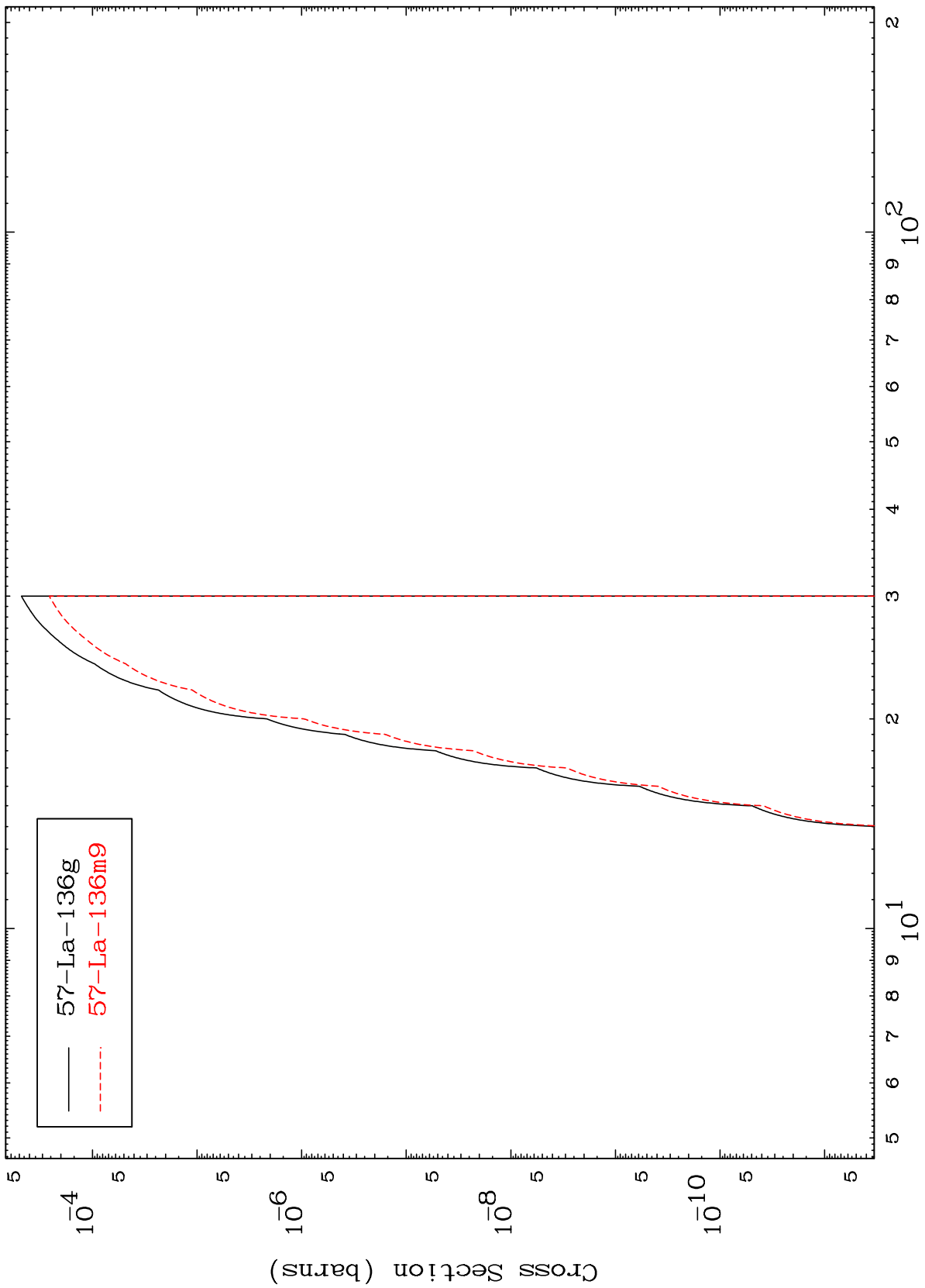


MAT 5728

57-La-139

(n,2n)  $\alpha$

Radionuclide Production Cross Section



12

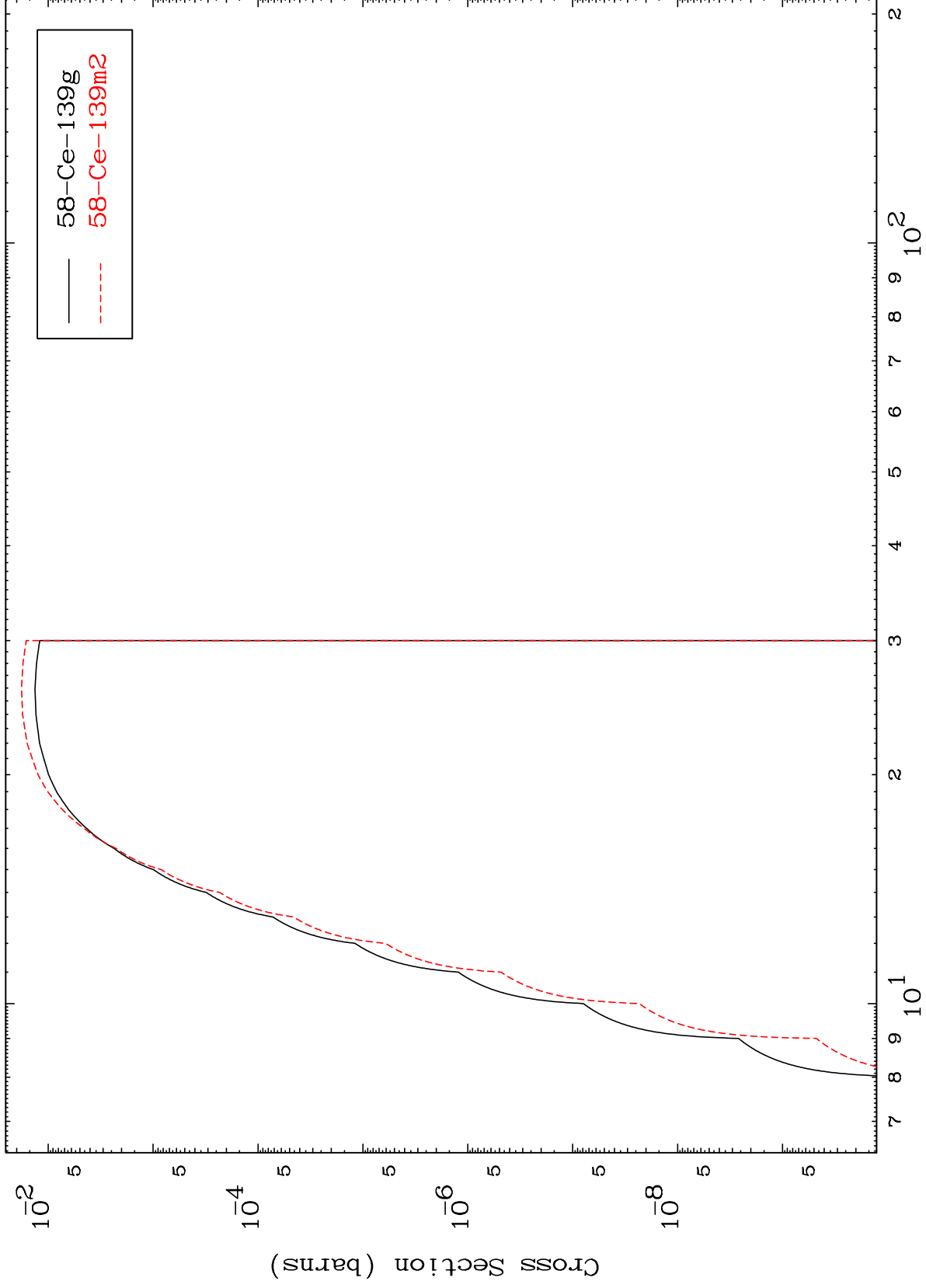
Incident Energy (MeV)

57-La-139

MAT 5728

57-La-139

(n,n') d  
Radionuclide Production Cross Section



57-La-139

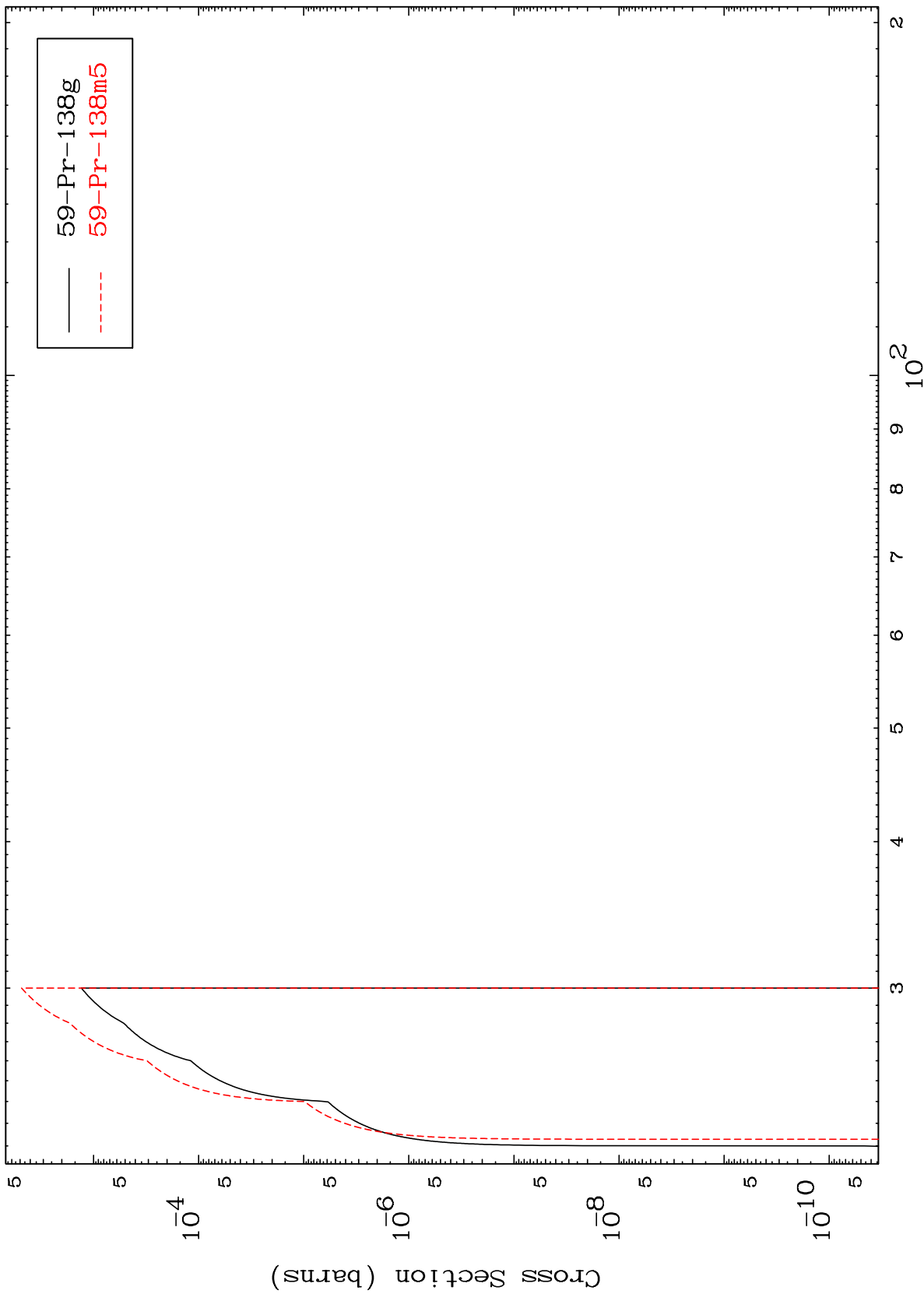
Incident Energy (MeV)

13

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57-La-139

(n,4n)  
Radionuclide Production Cross Section



57-La-139

Incident Energy (MeV)

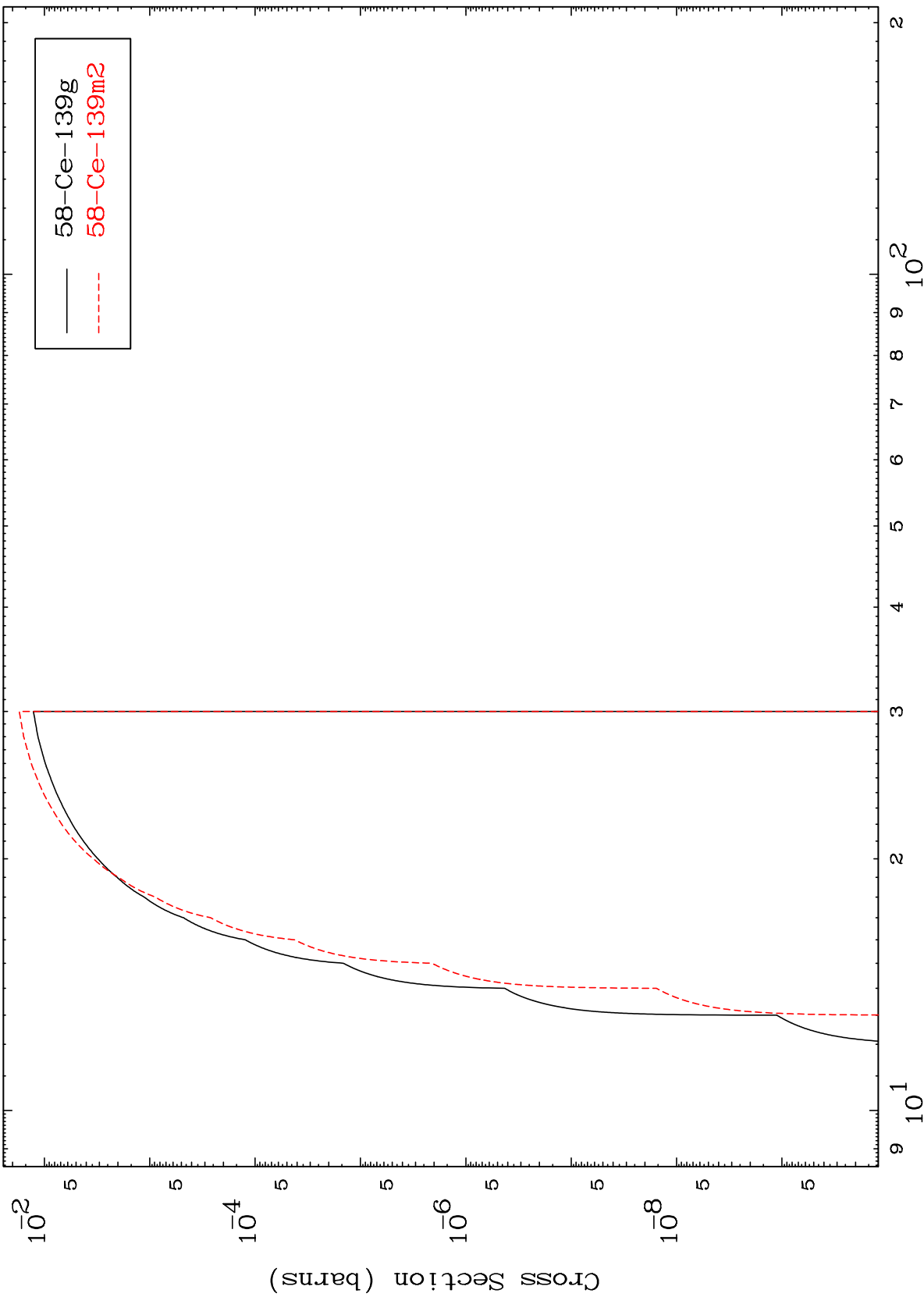
14

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(n,2n) p

57-La-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

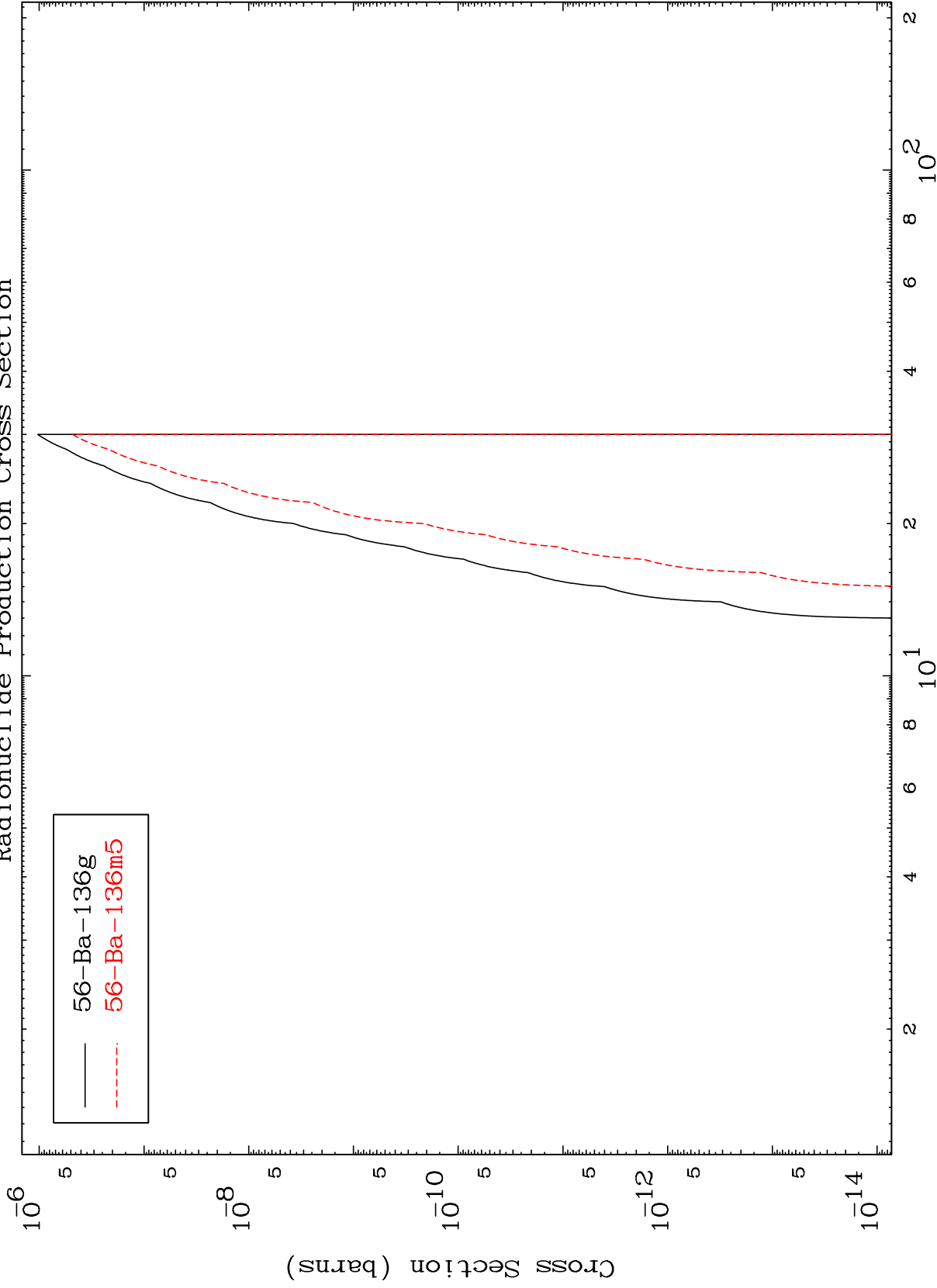
57-La-139

MAT 5728

(n,n') p  $\alpha$

57-La-139

Radionuclide Production Cross Section



16

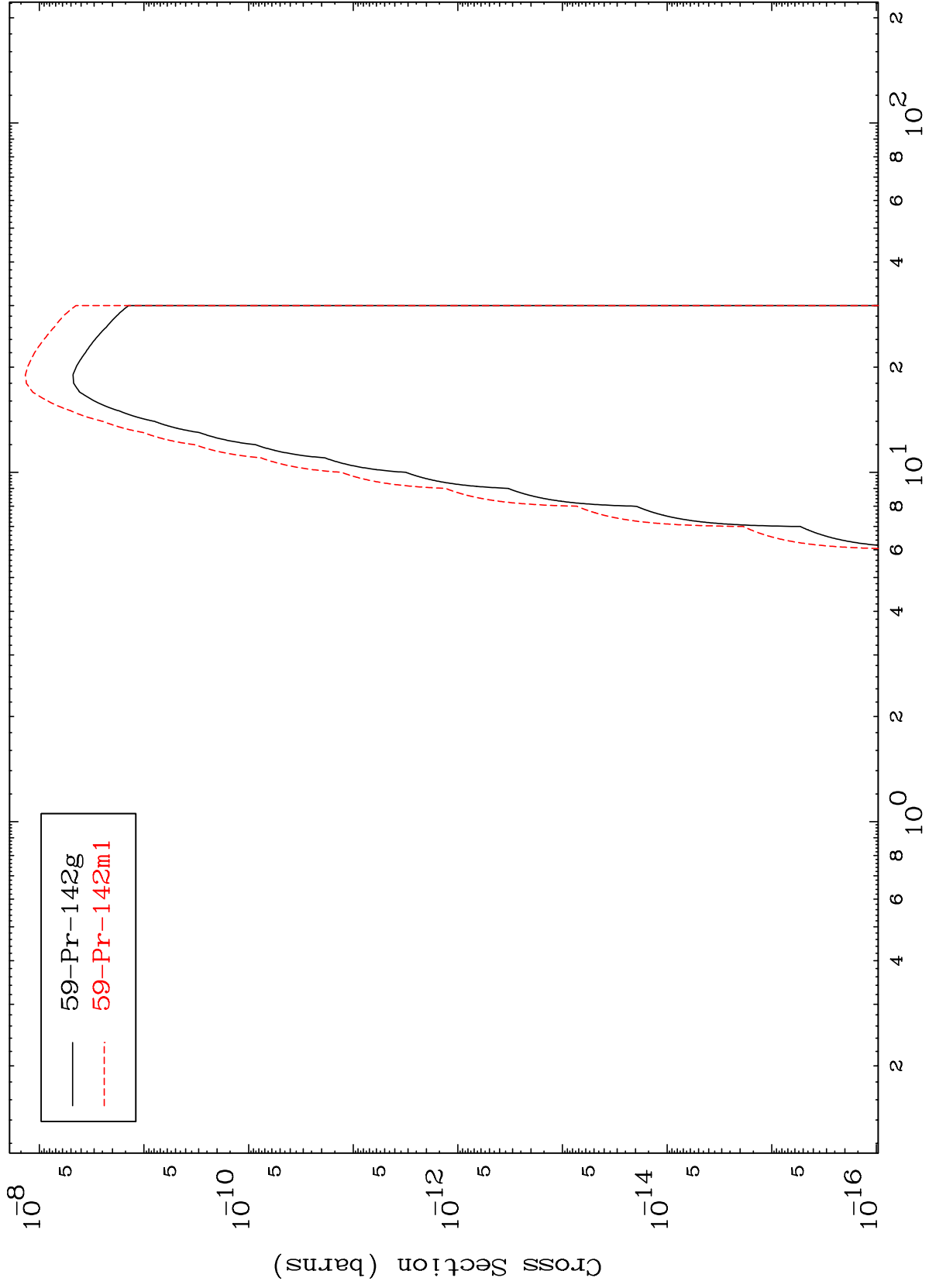
Incident Energy (MeV)

57-La-139

MAT 5728

57-La-139

(n,  $\gamma$ )  
Radionuclide Production Cross Section



— 59-Pr-142g  
- - - 59-Pr-142m1

57-La-139

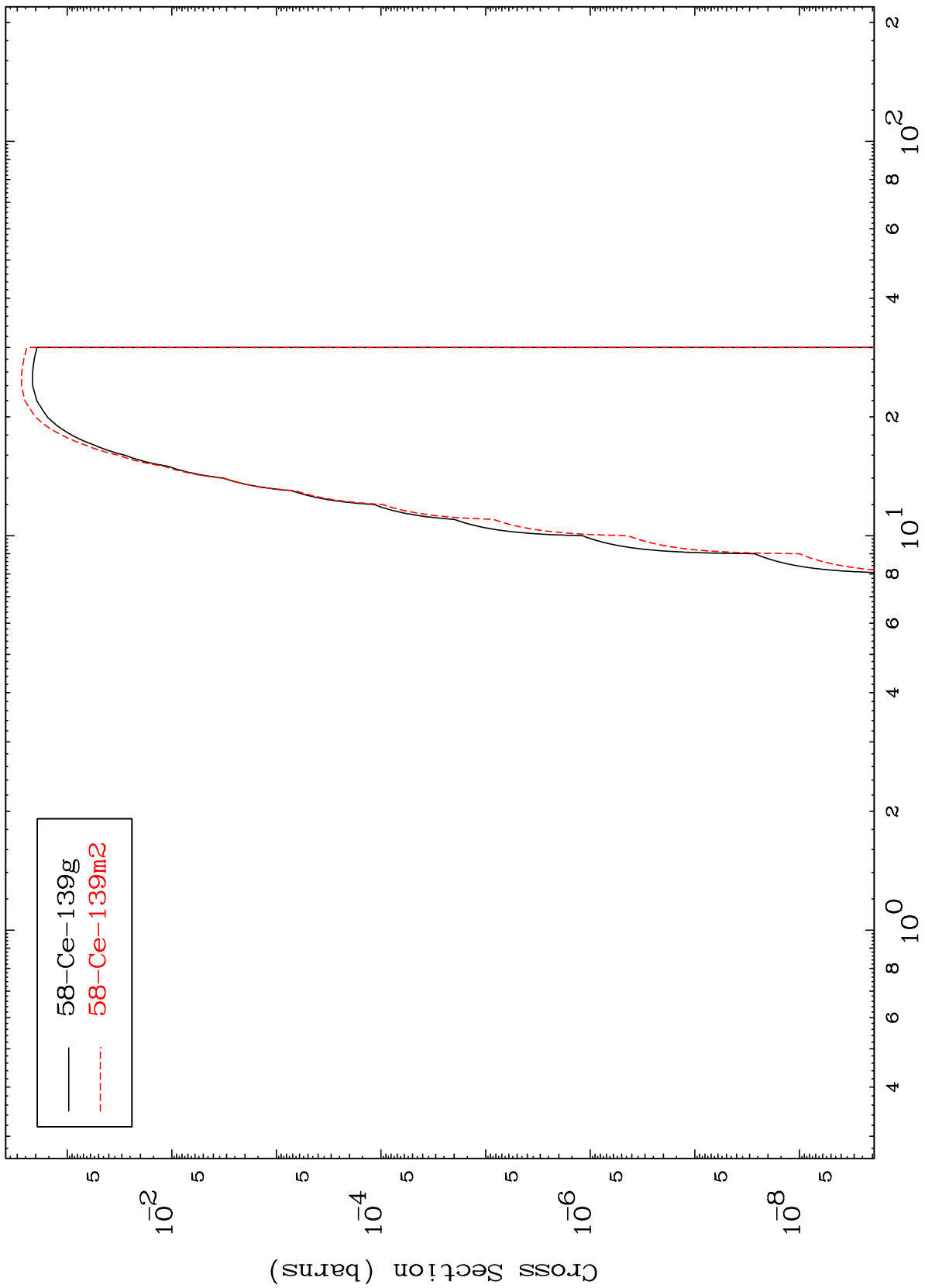
Incident Energy (MeV)

17

MAT 5728

57-La-139

(n, t)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

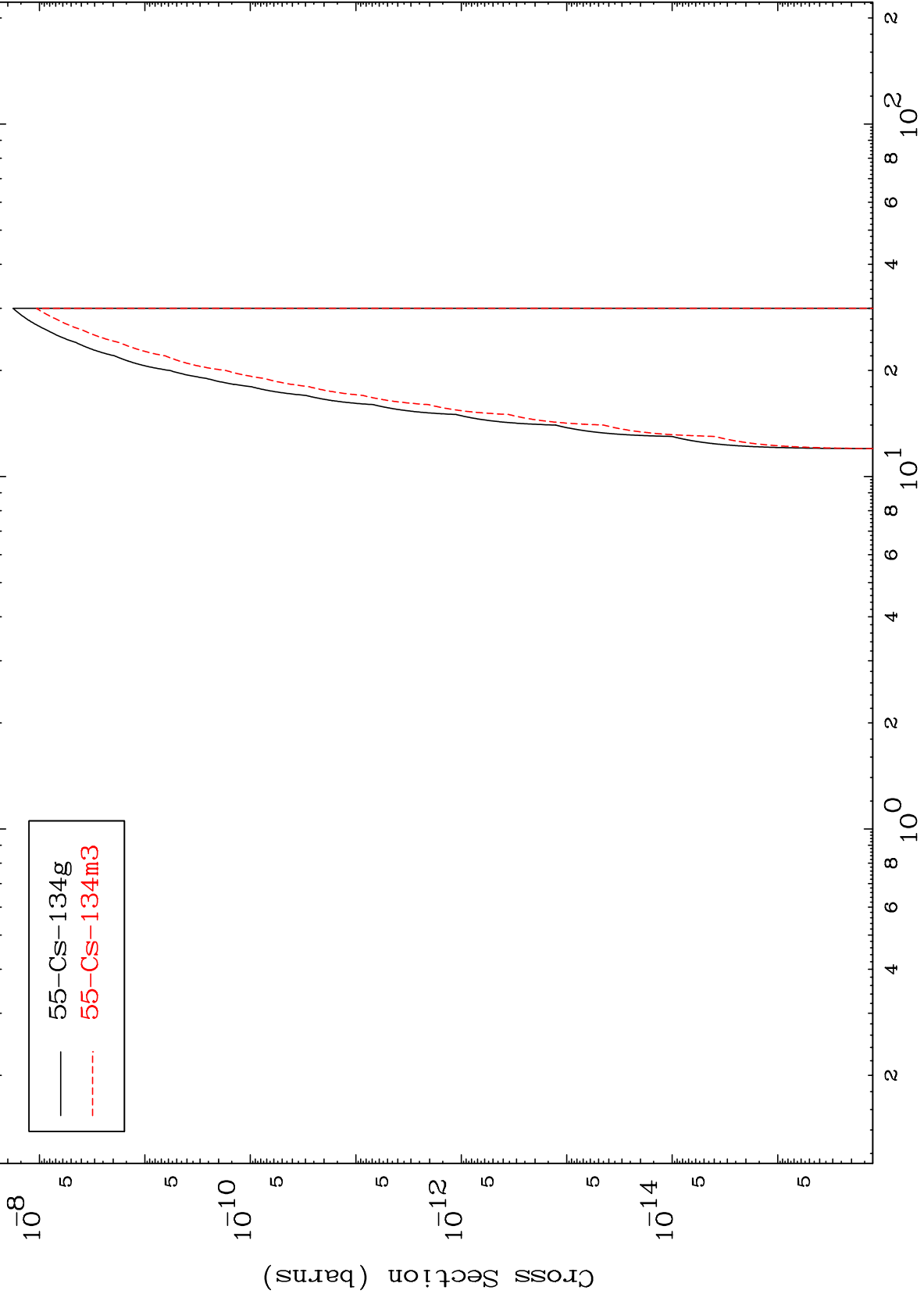
57-La-139

MAT 5728

(n,2α)

57-La-139

Radionuclide Production Cross Section



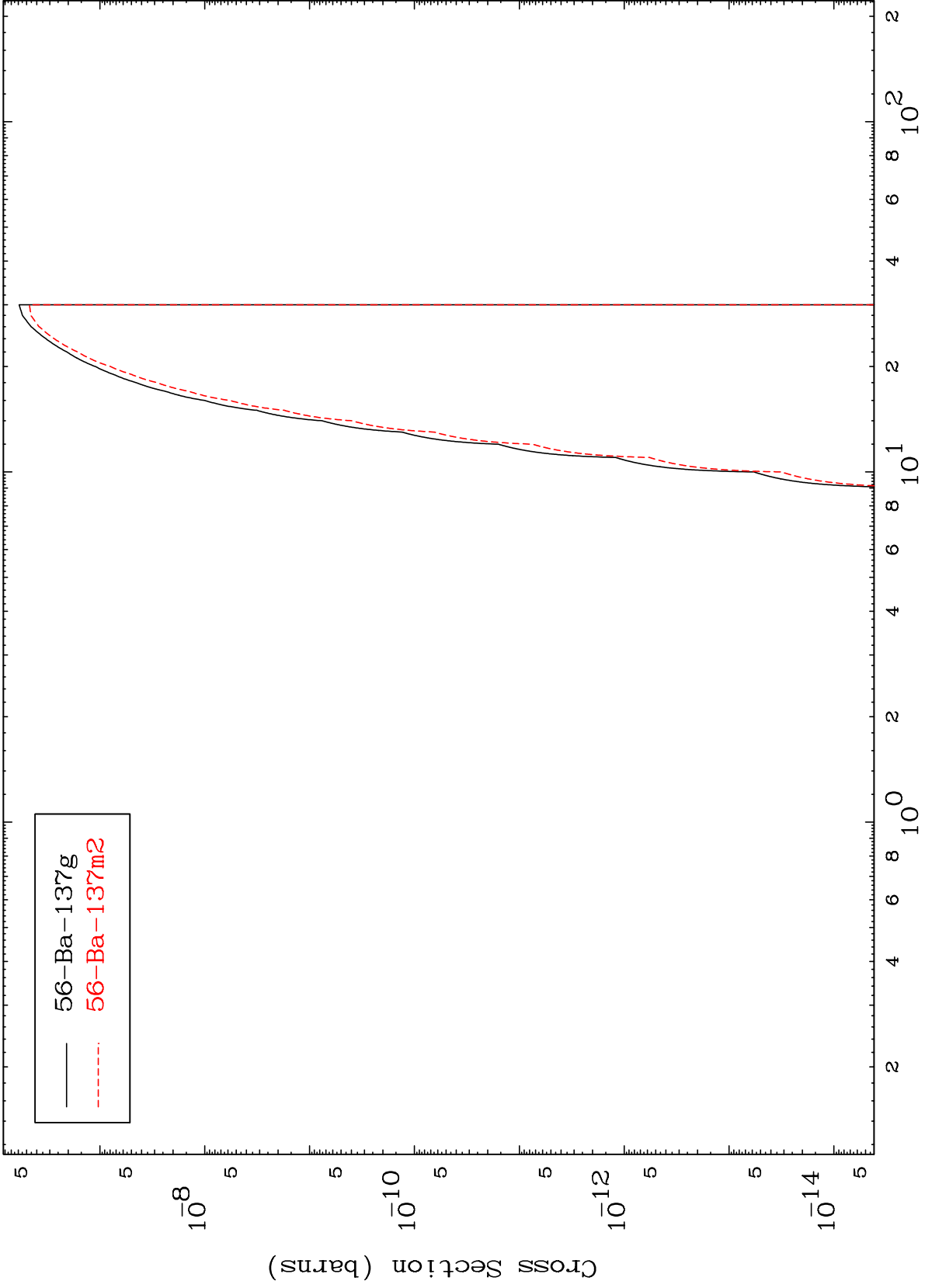
— 55-Cs-134g  
- - - 55-Cs-134m3

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(n,p)  $\alpha$

57-La-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

57-La-139

MAT 5728

(n,d)  $\alpha$

57-La-139

Radionuclide Production Cross Section

