

Program EVALPLOT  
(Version 2018-1)

by

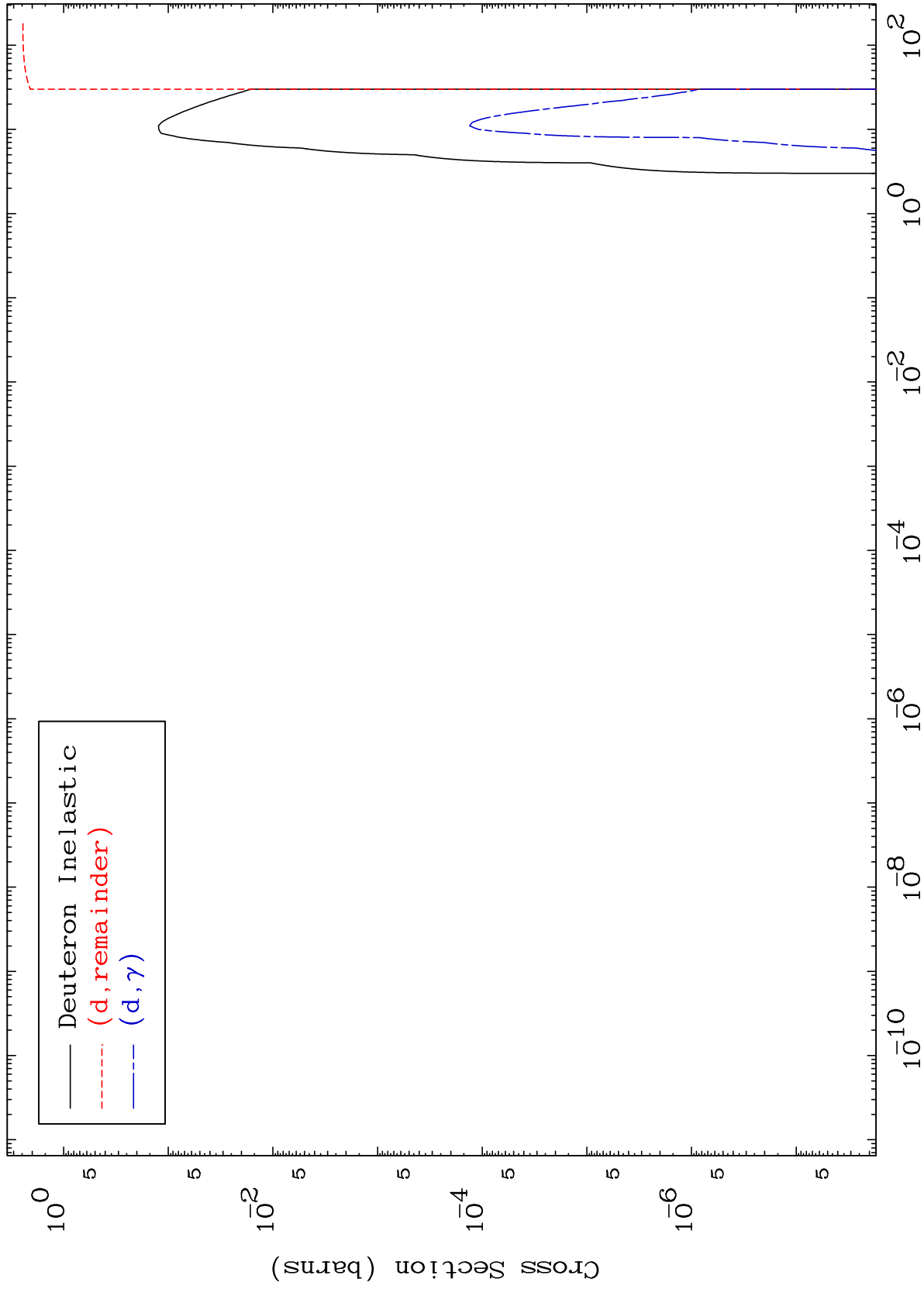
Dermott E. Cullen  
(Present Contact Information)

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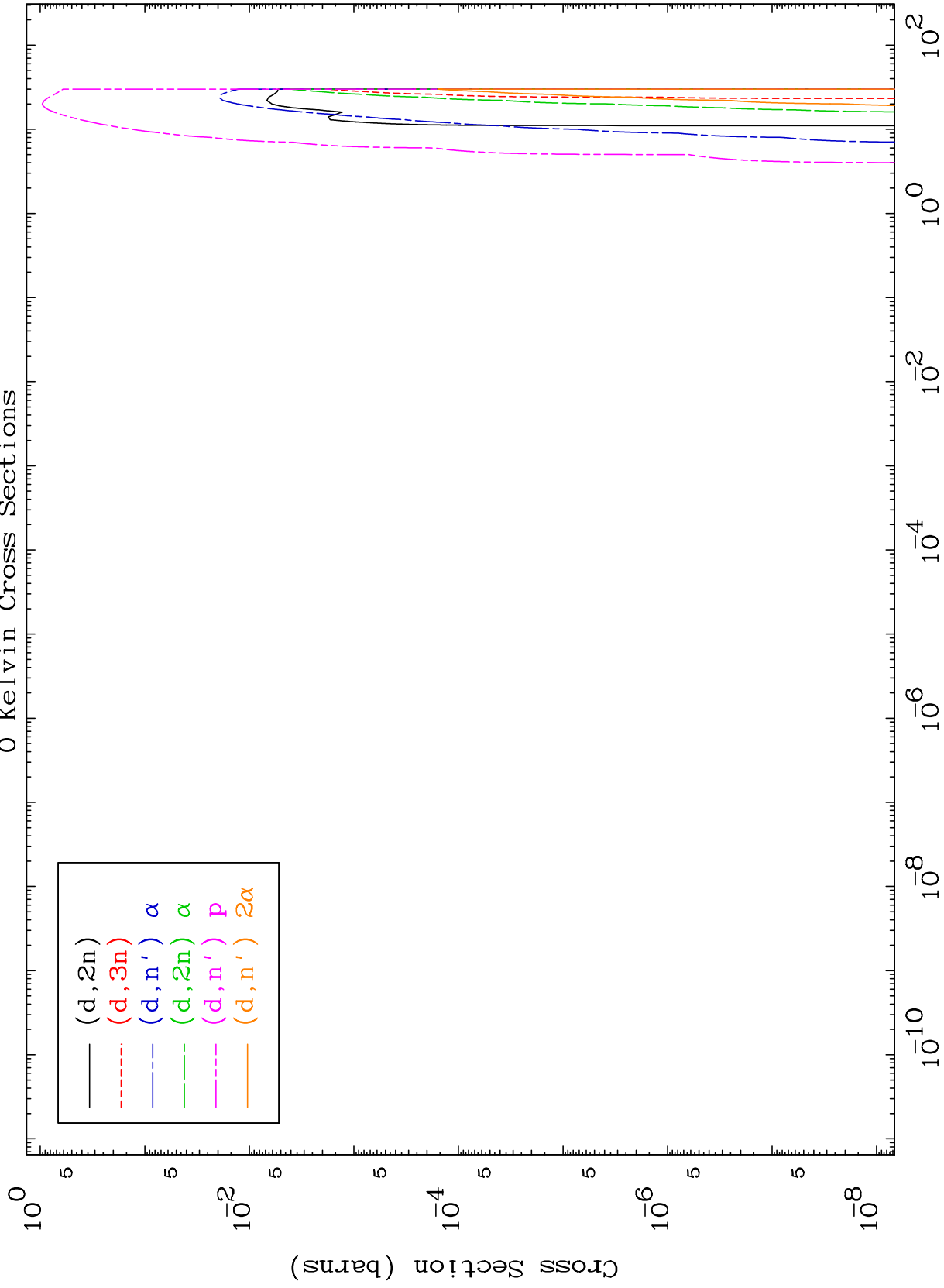
Press Mouse Button to Start



MAT 6204

Deuteron Neutron Production  
0 Kelvin Cross Sections

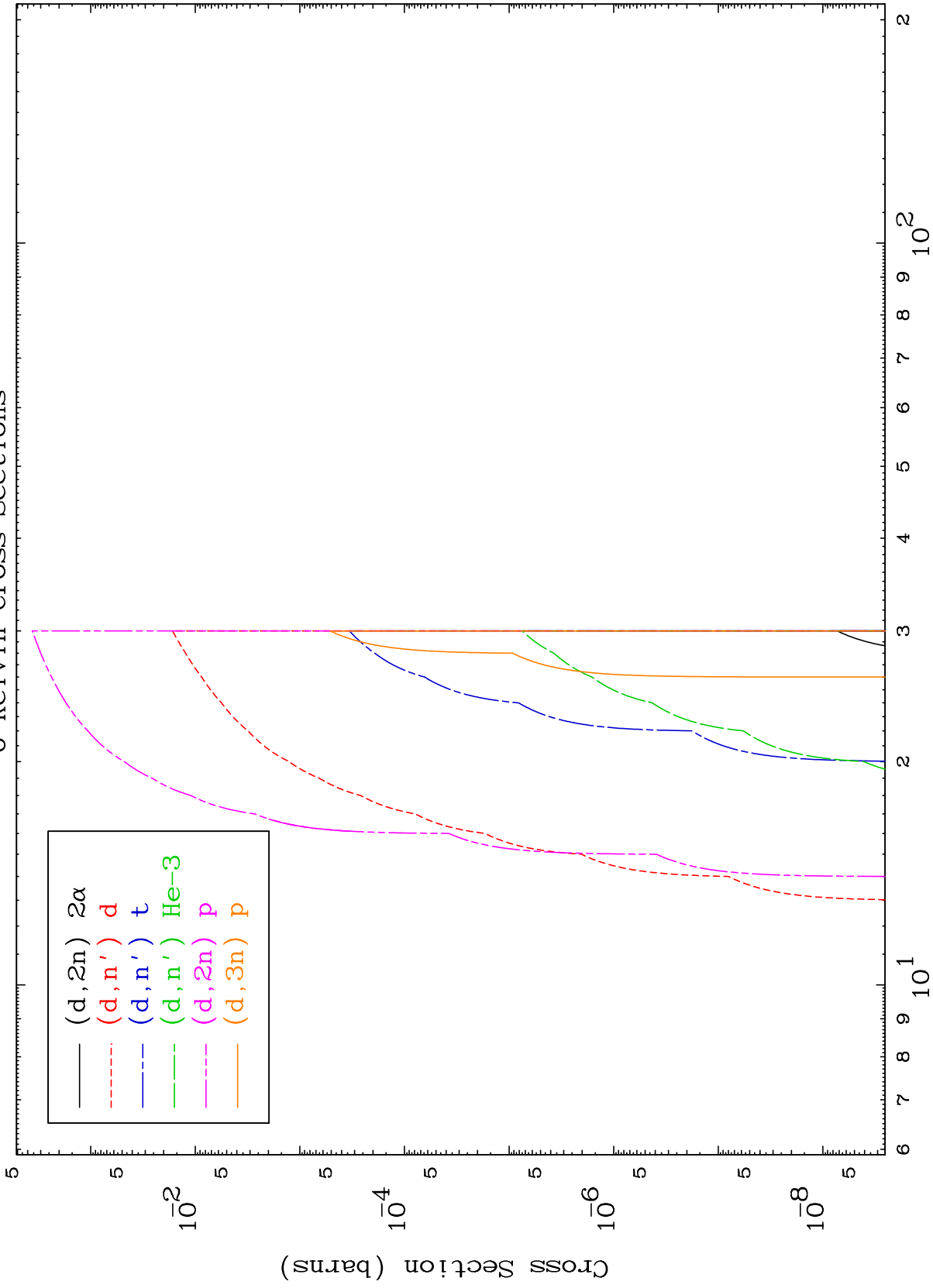
62-Sm-137



2

Incident Energy (MeV)

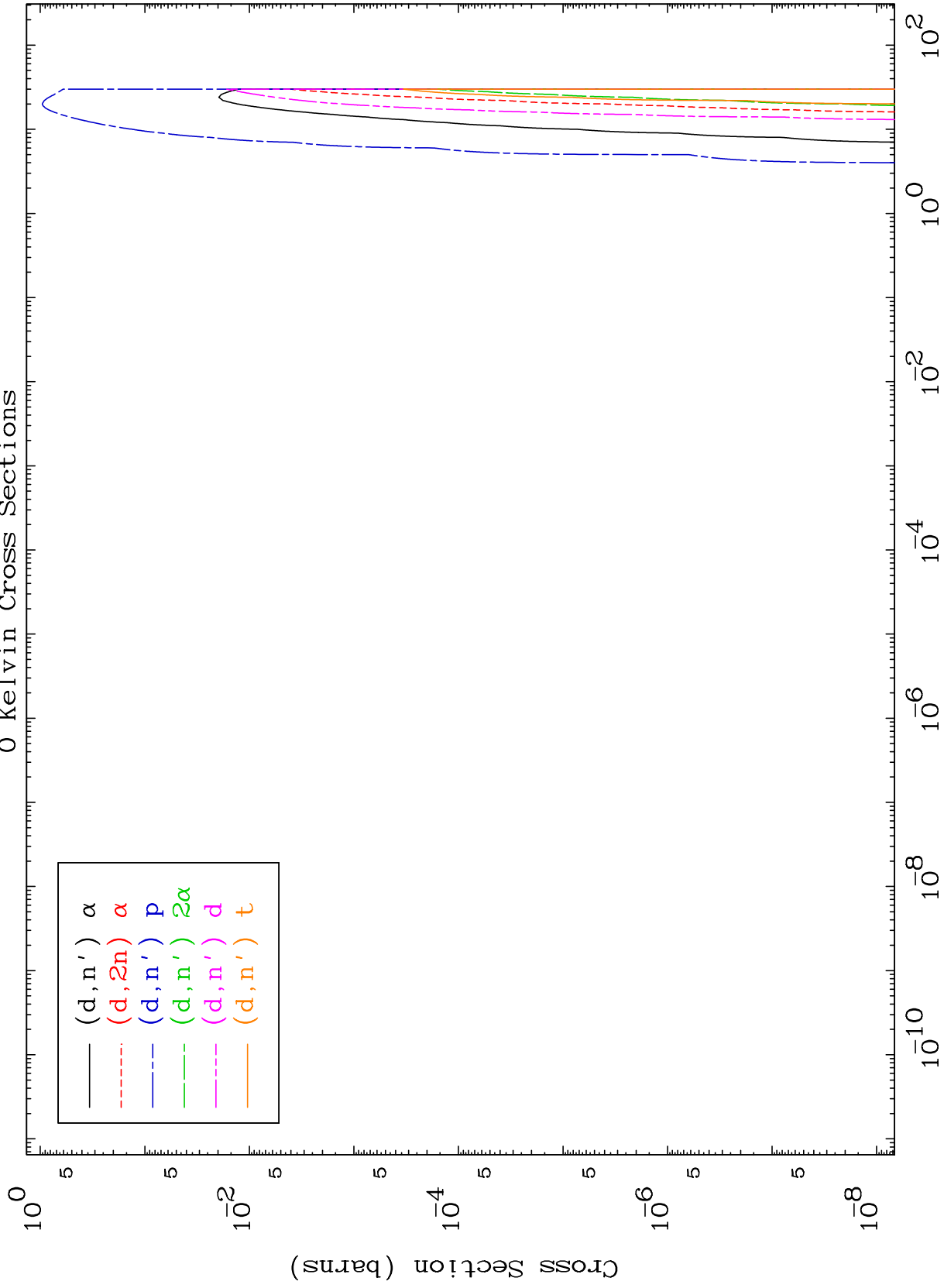
62-Sm-137



MAT 6204

Deuteron Charged Particle  
0 Kelvin Cross Sections

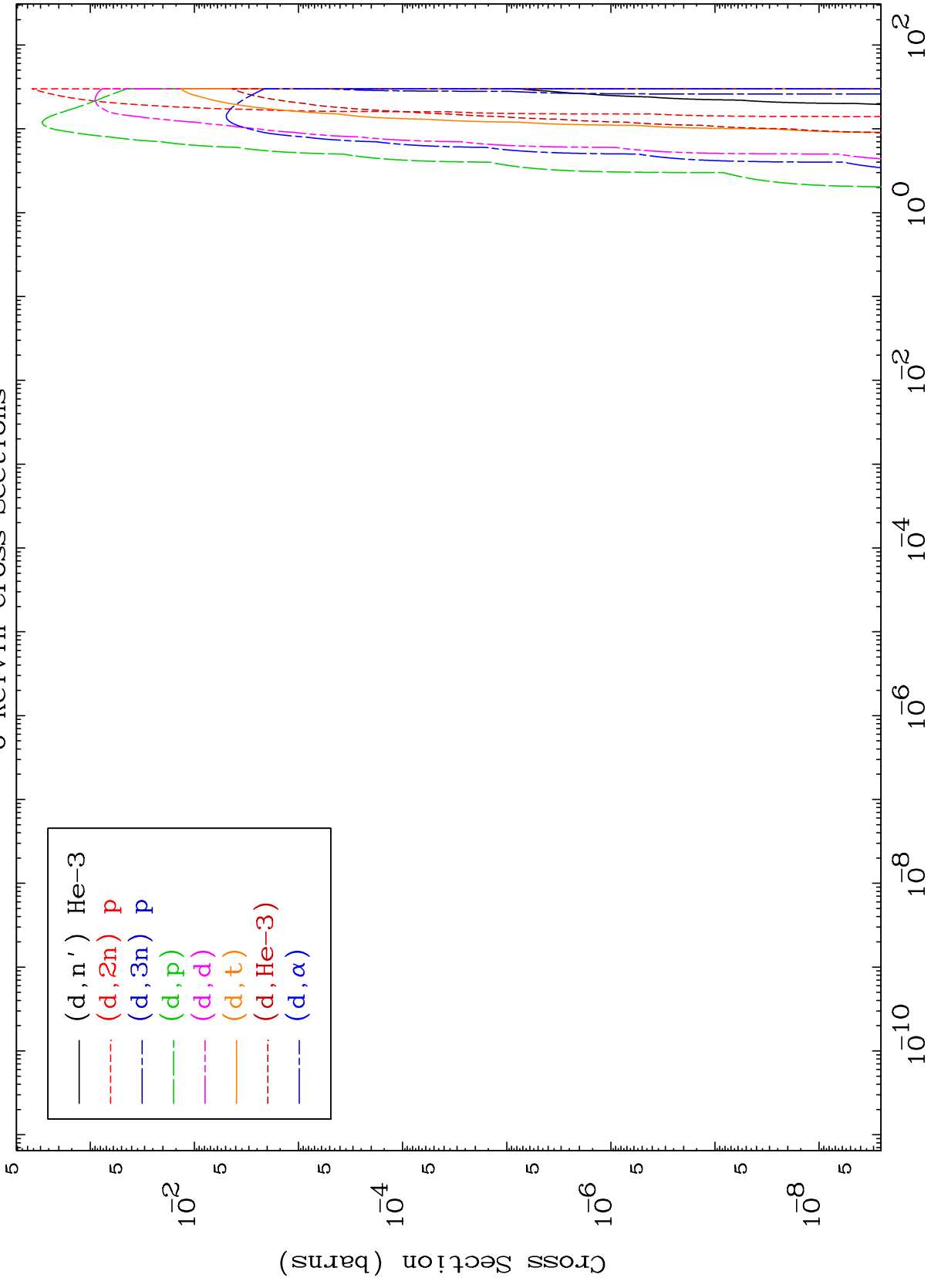
62-Sm-137



MAT 6204

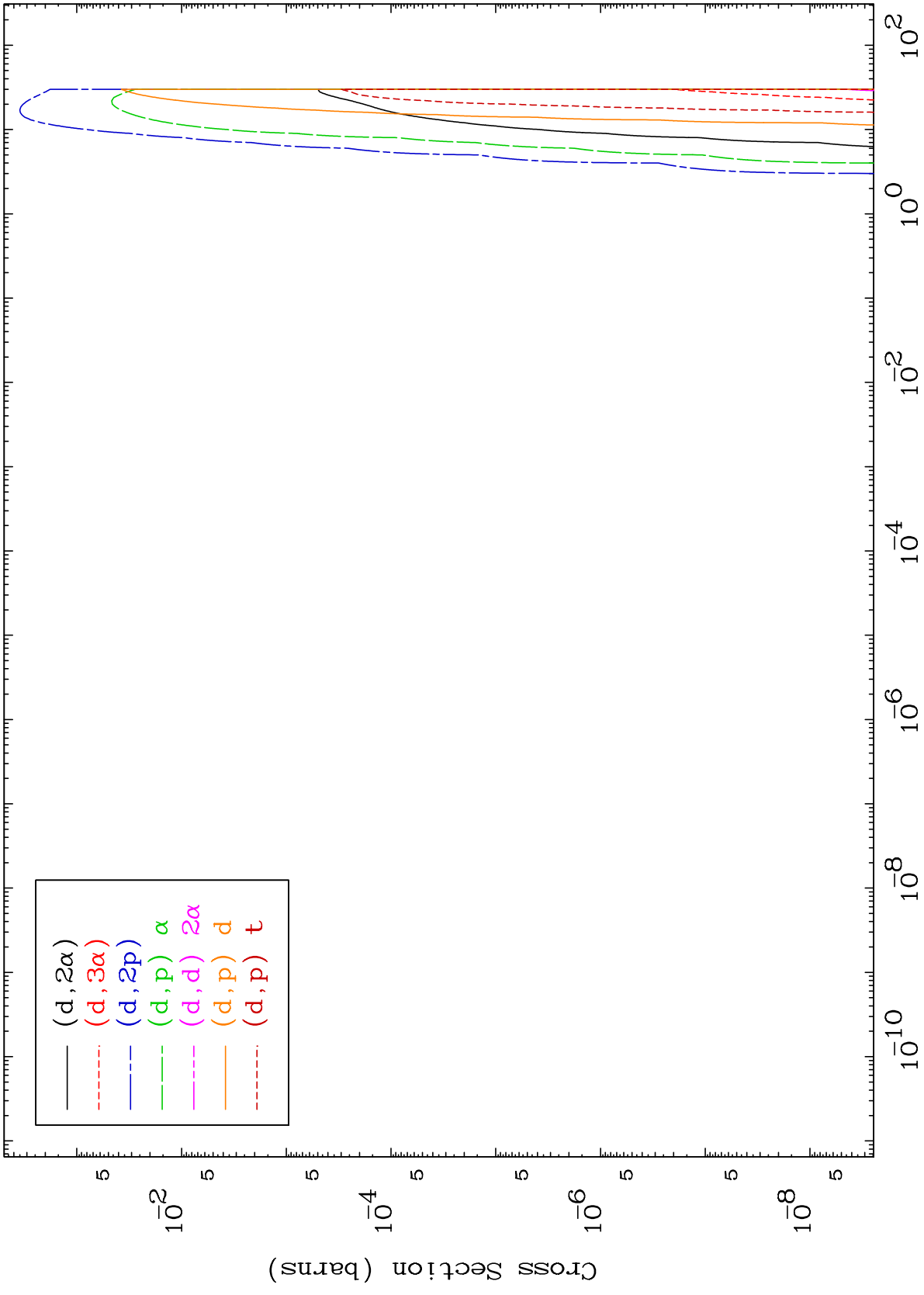
Deuteron Charged Particle  
0 Kelvin Cross Sections

62-Sm-137



5

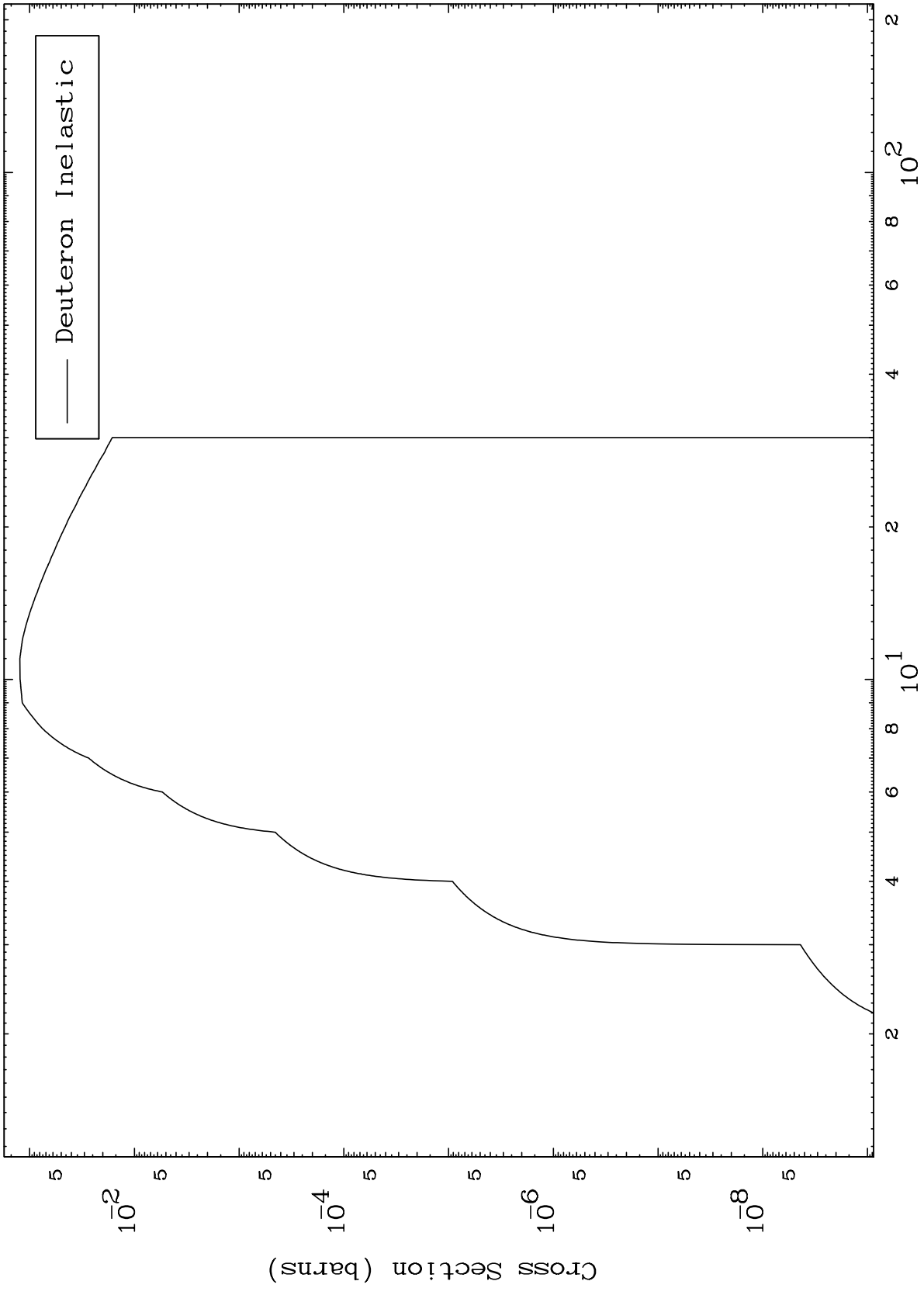
62-Sm-137



MAT 6204

(d,n') Level  
0 Kelvin Cross Sections

62-Sm-137



7

Incident Energy (MeV)

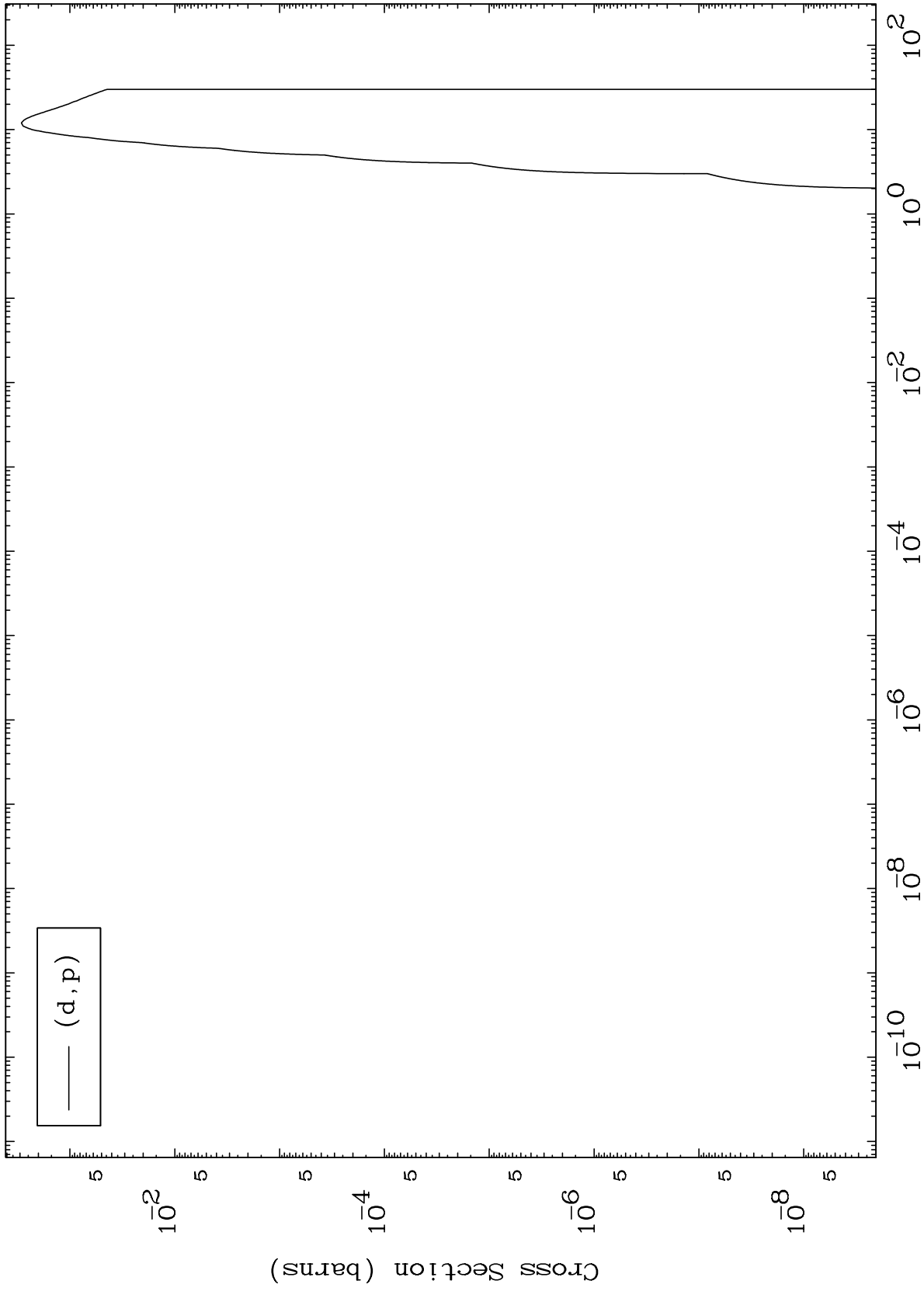
62-Sm-137



MAT 6204

(d,p) Levels  
0 Kelvin Cross Sections

62-Sm-137



8

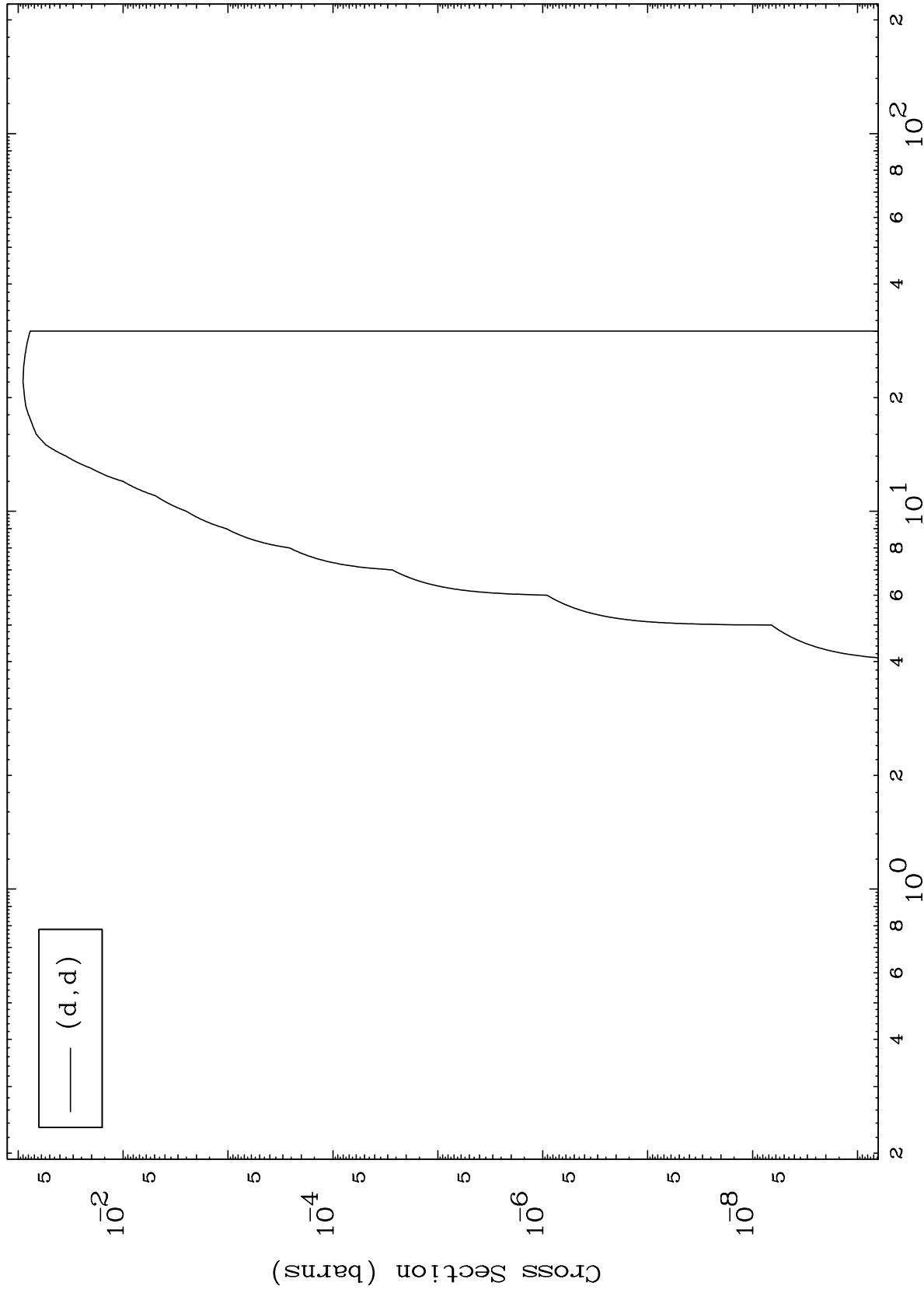
Incident Energy (MeV)

62-Sm-137

MAT 6204

(d,d) Levels  
0 Kelvin Cross Sections

62-Sm-137



9

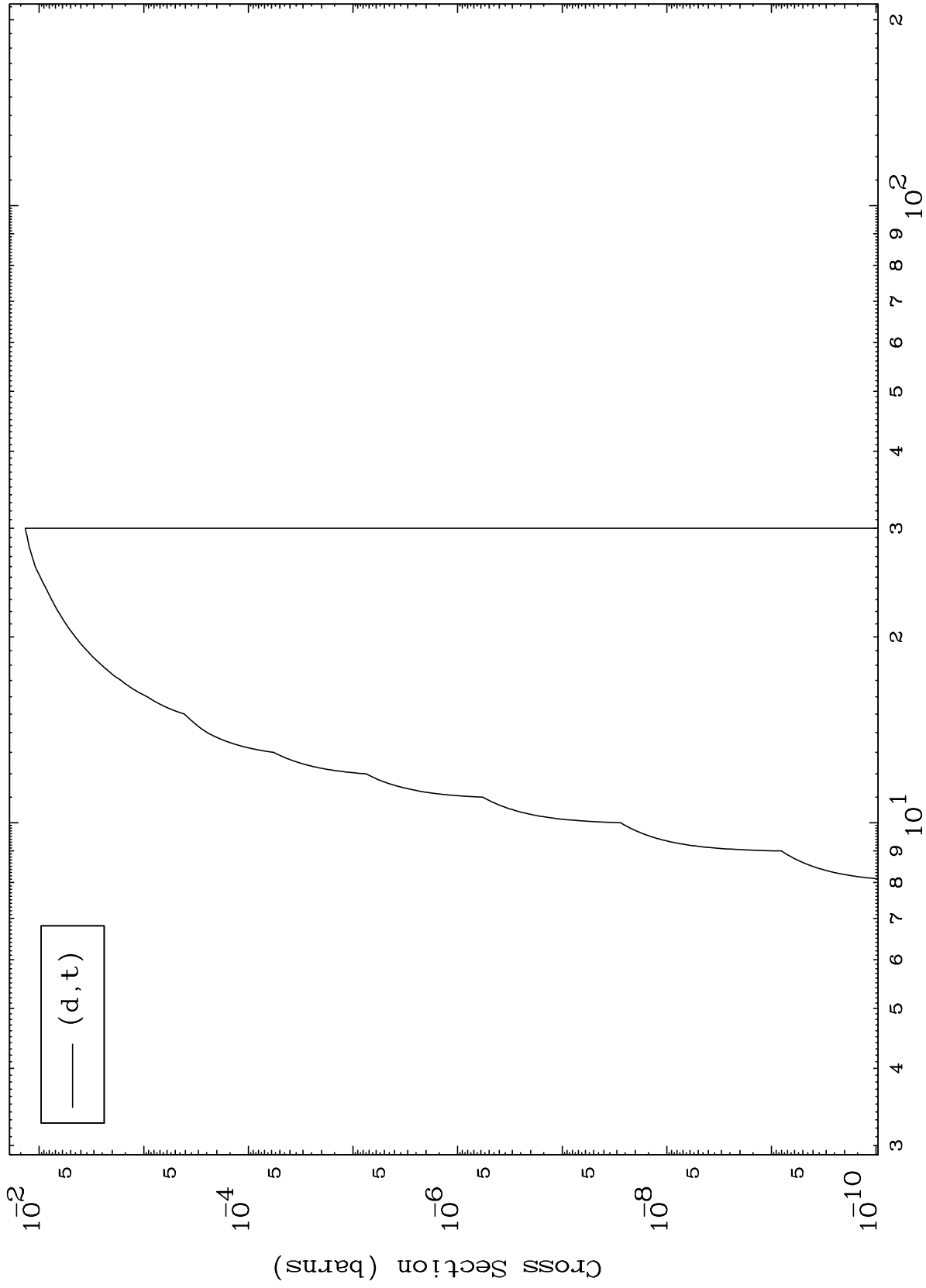
Incident Energy (MeV)

62-Sm-137

MAT 6204

(d,t) Levels  
0 Kelvin Cross Sections

62-Sm-137



10

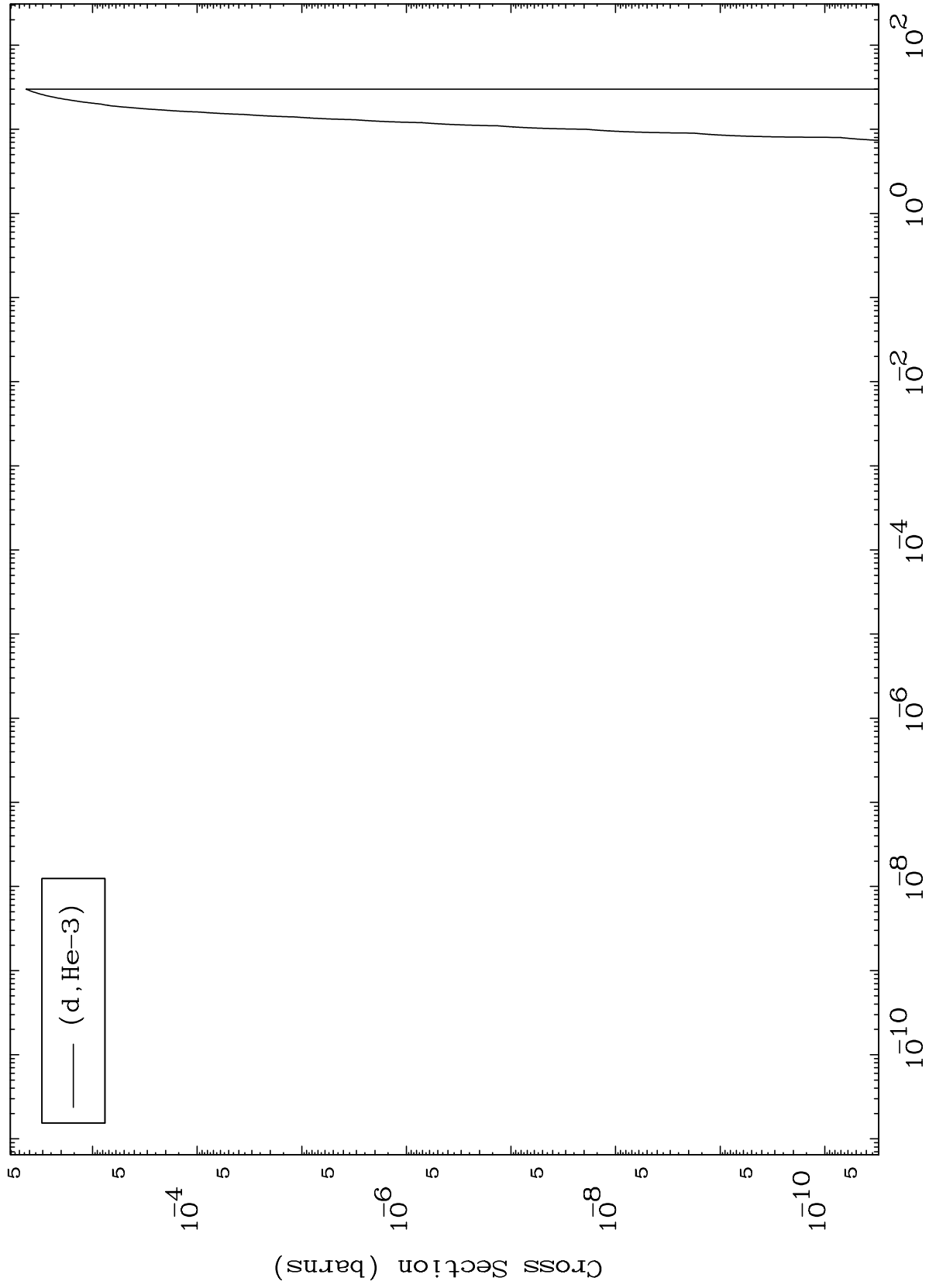
Incident Energy (MeV)

62-Sm-137

MAT 6204

(d,He3) Levels  
0 Kelvin Cross Sections

62-Sm-137

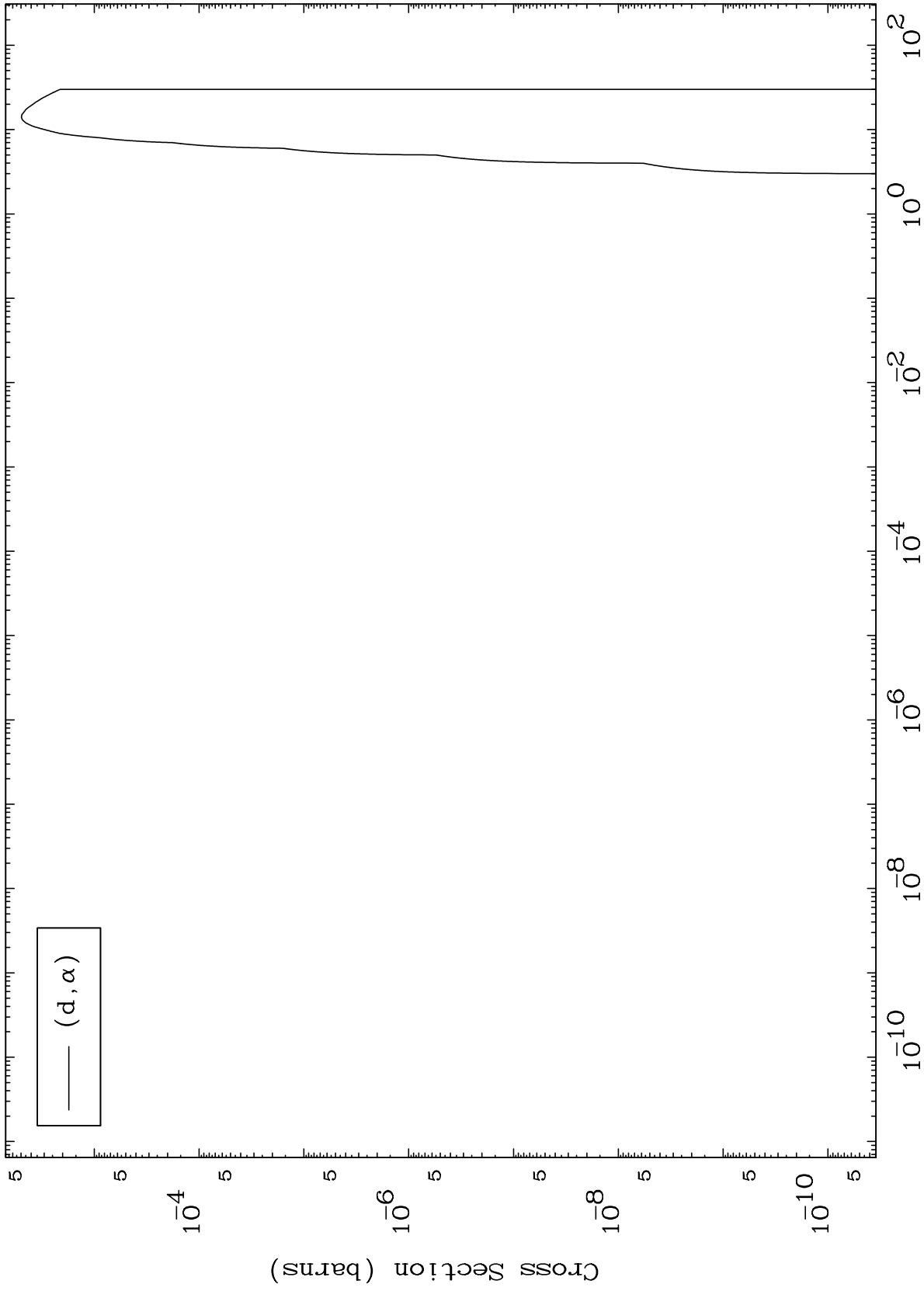


(d, He-3)

MAT 6204

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

62-Sm-137



12

Incident Energy (MeV)

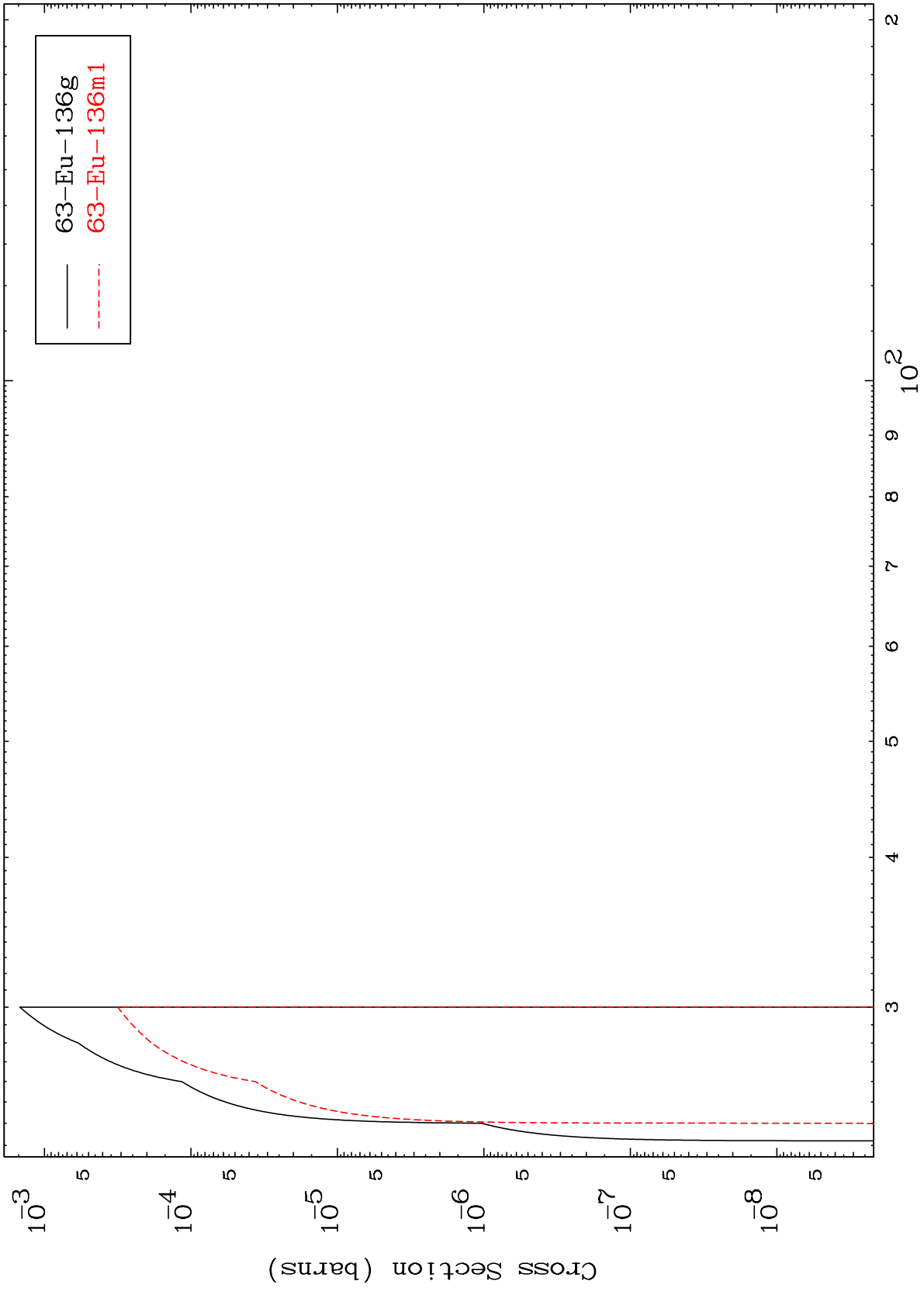
62-Sm-137

MAT 6204

(d,3n)

62-Sm-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

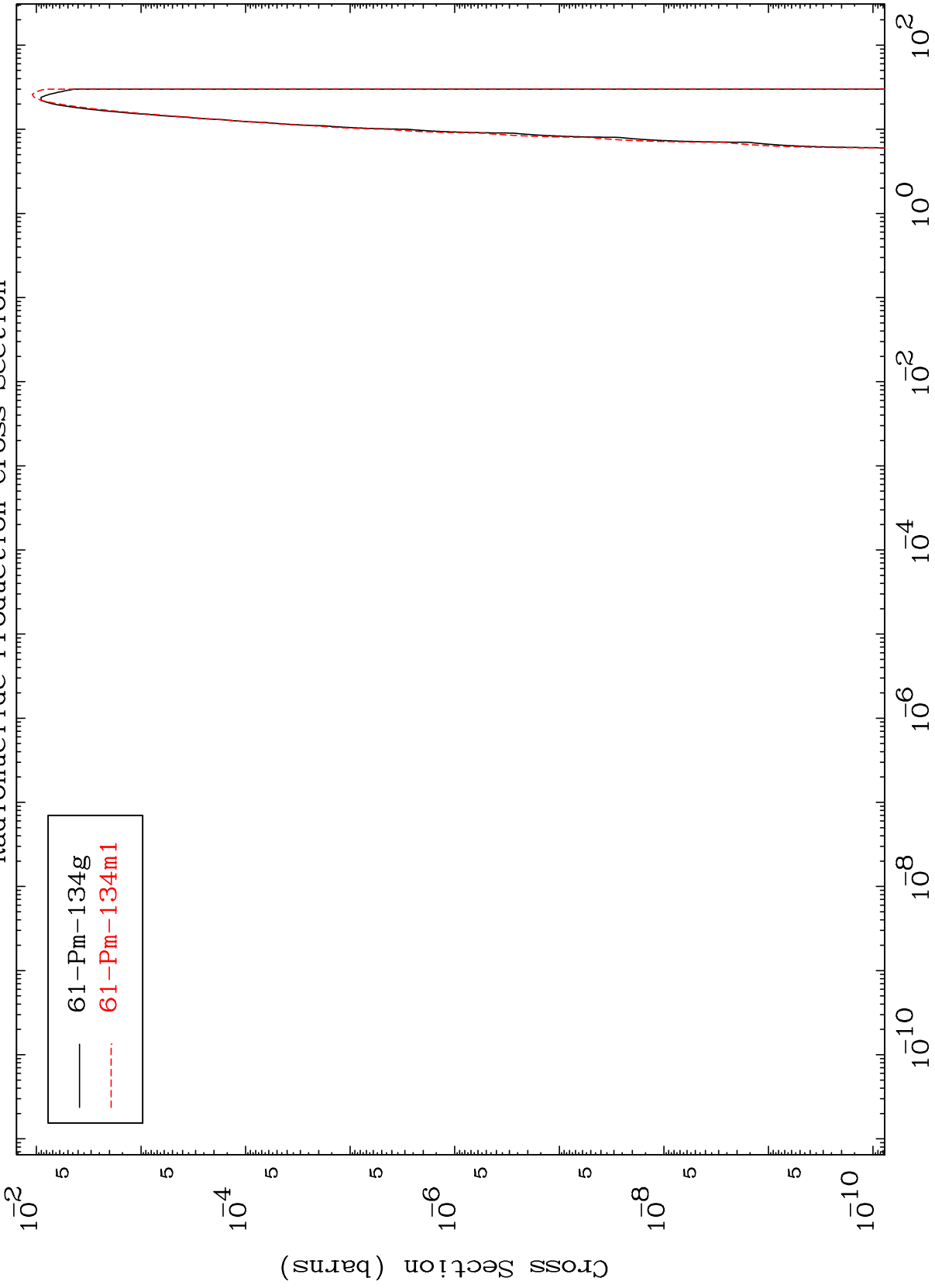
62-Sm-137

MAT 6204

(d,n')  $\alpha$

62-Sm-137

Radionuclide Production Cross Section

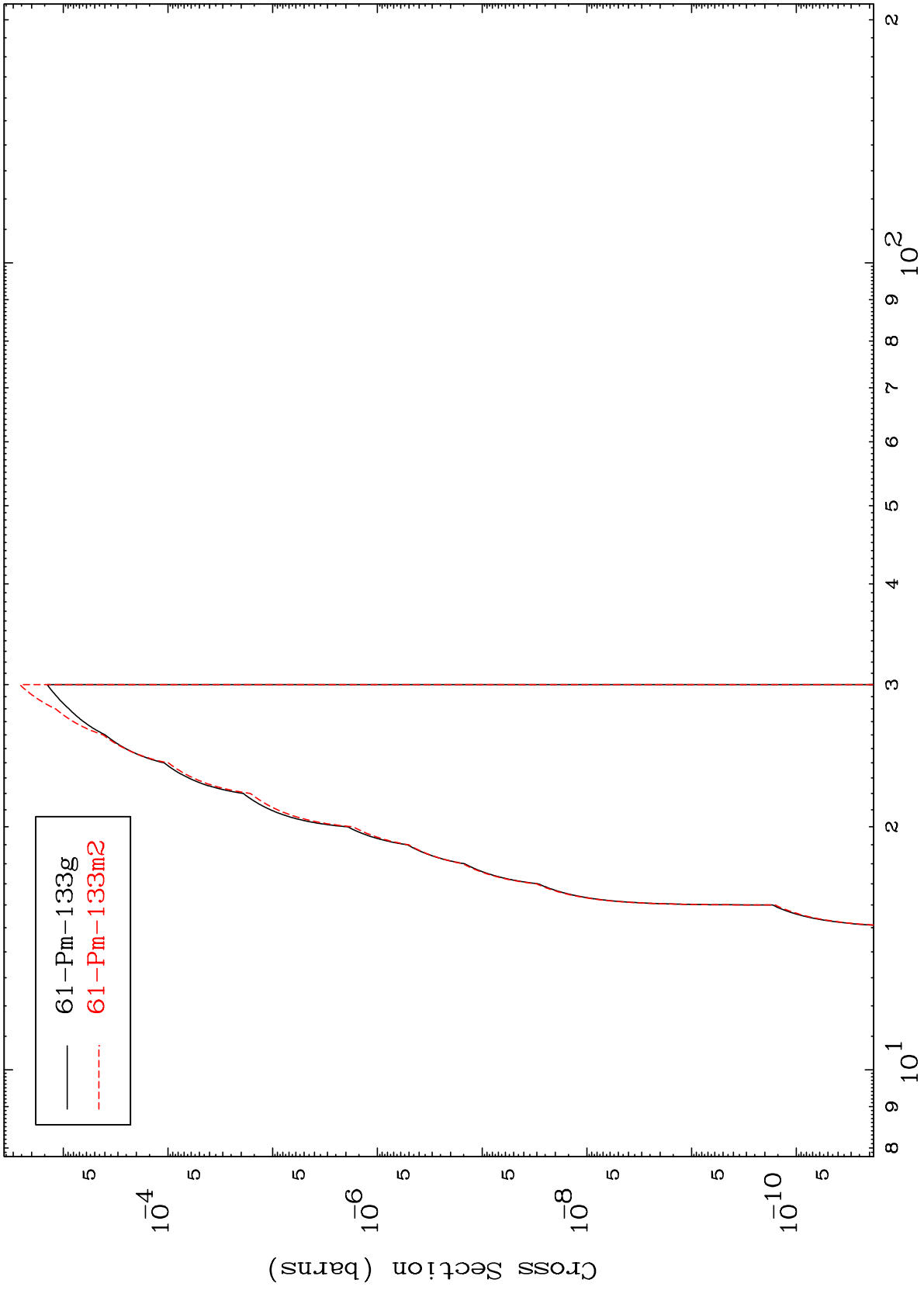


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(d,2n)  $\alpha$

62-Sm-137

Radionuclide Production Cross Section



15

Incident Energy (MeV)

62-Sm-137

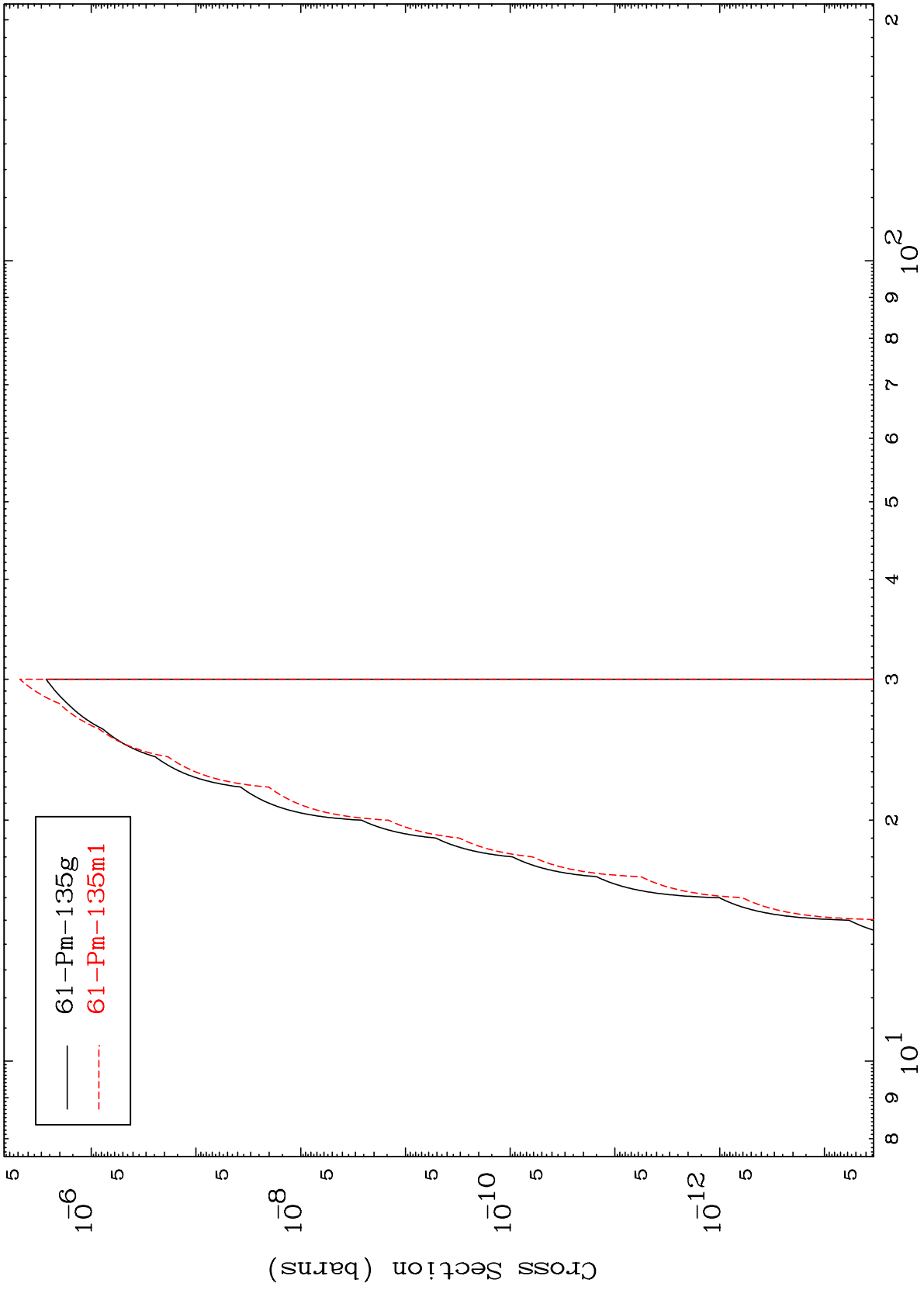


MAT 6204

(d, n') He-3

62-Sm-137

### Radionuclide Production Cross Section



16

Incident Energy (MeV)

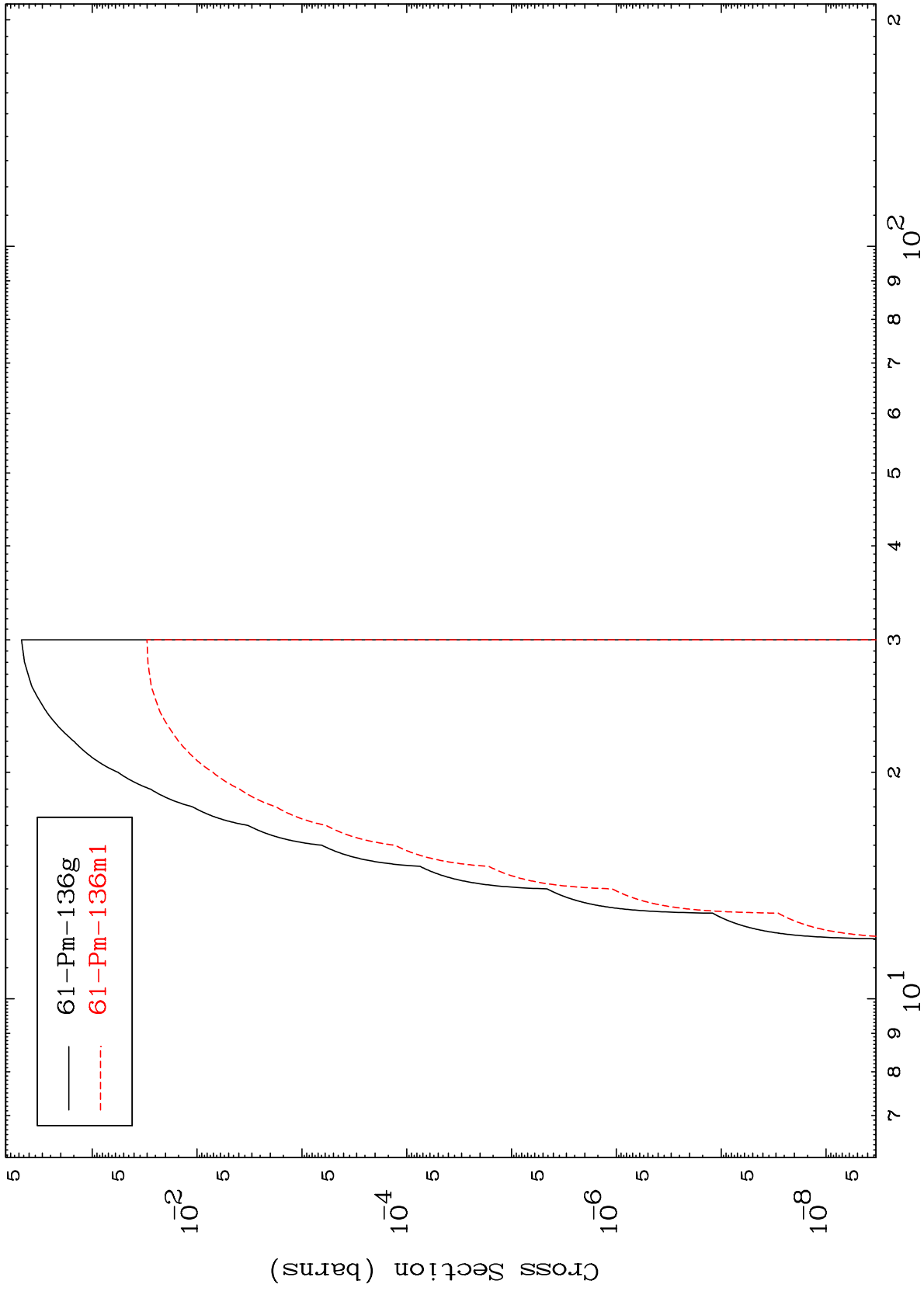
62-Sm-137

MAT 6204

(d,2n) p

62-Sm-137

Radionuclide Production Cross Section



17

Incident Energy (MeV)

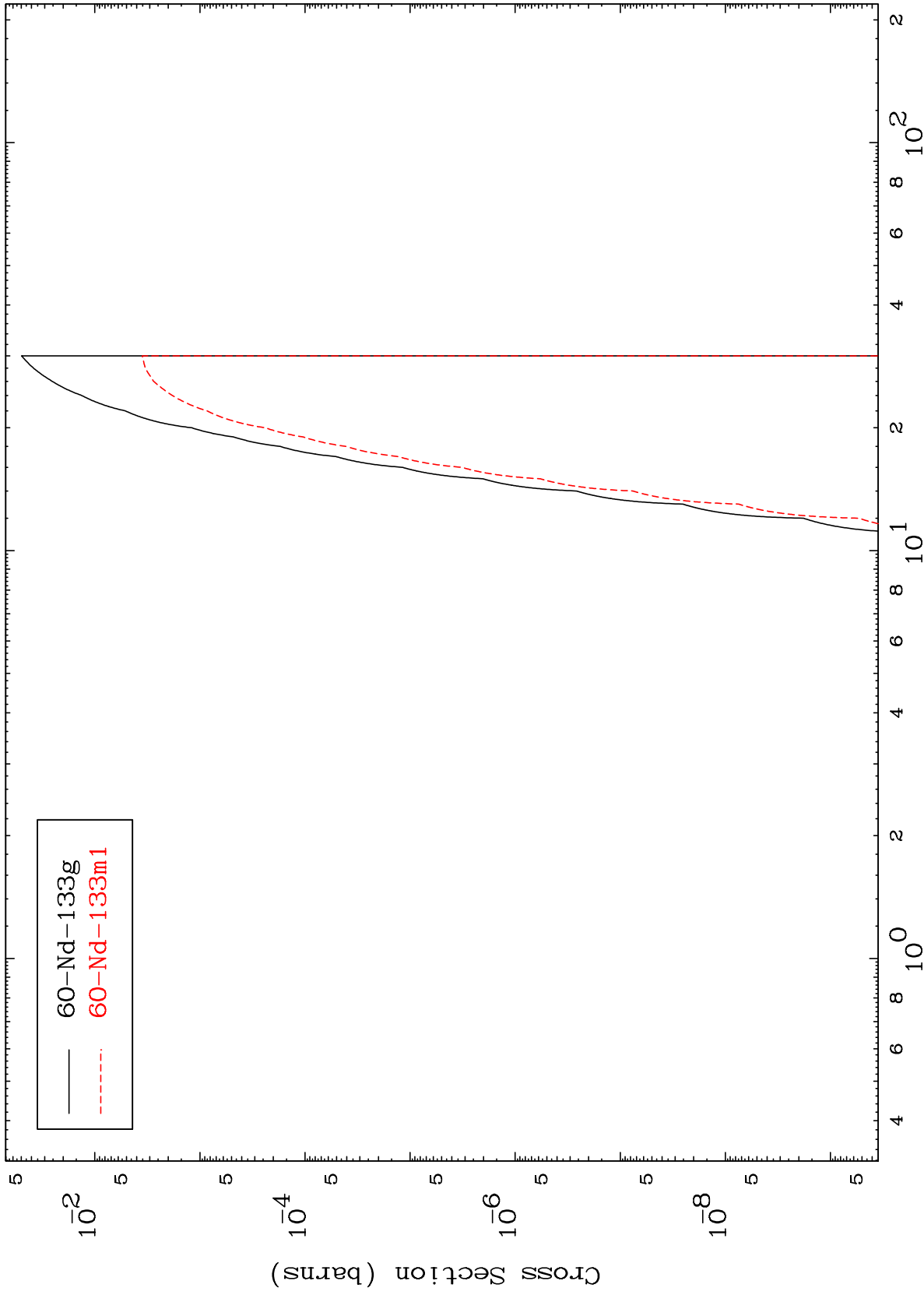
62-Sm-137

MAT 6204

(d,n') p  $\alpha$

62-Sm-137

Radionuclide Production Cross Section

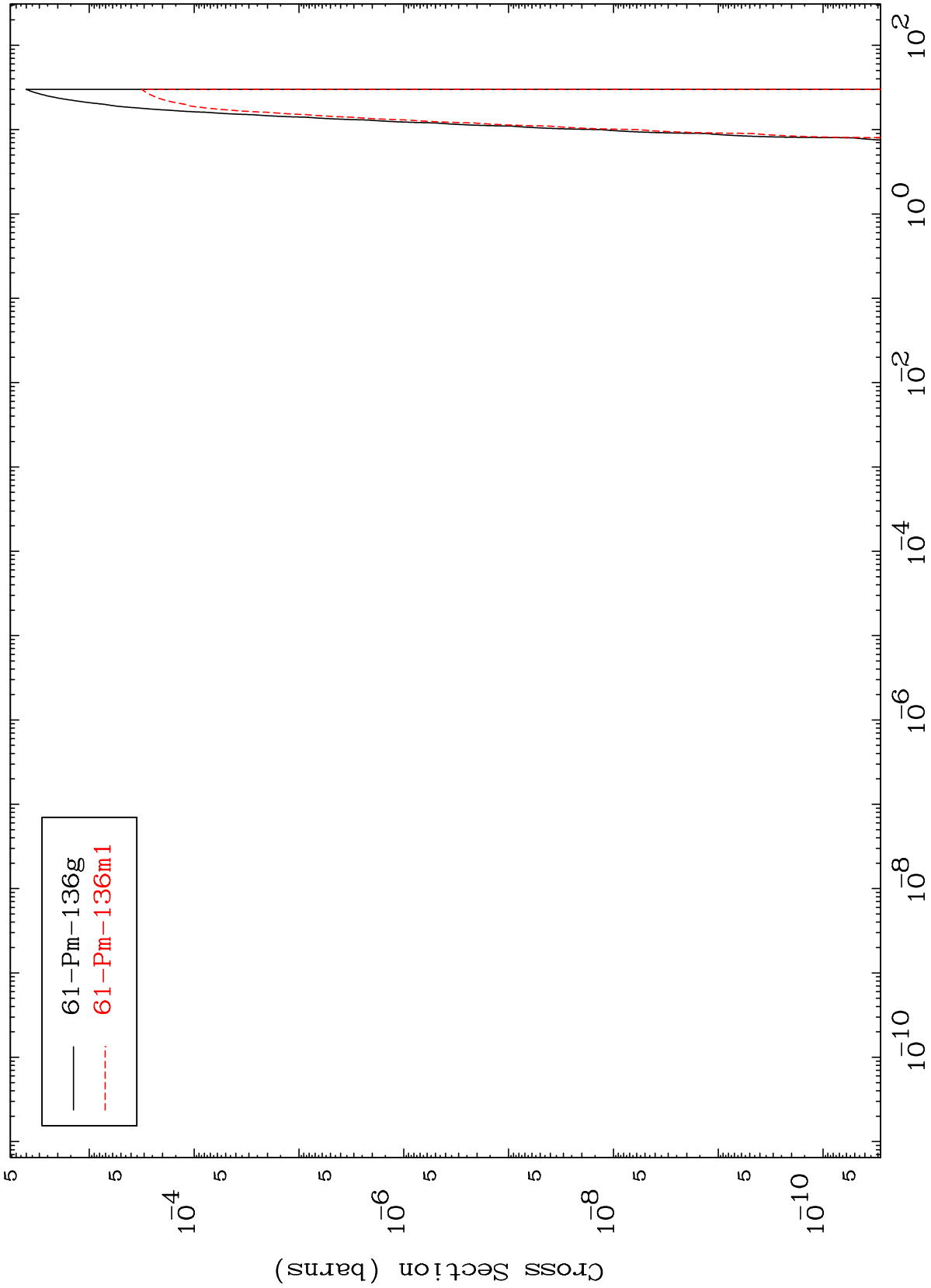


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(d,He-3)

62-Sm-137

Radionuclide Production Cross Section

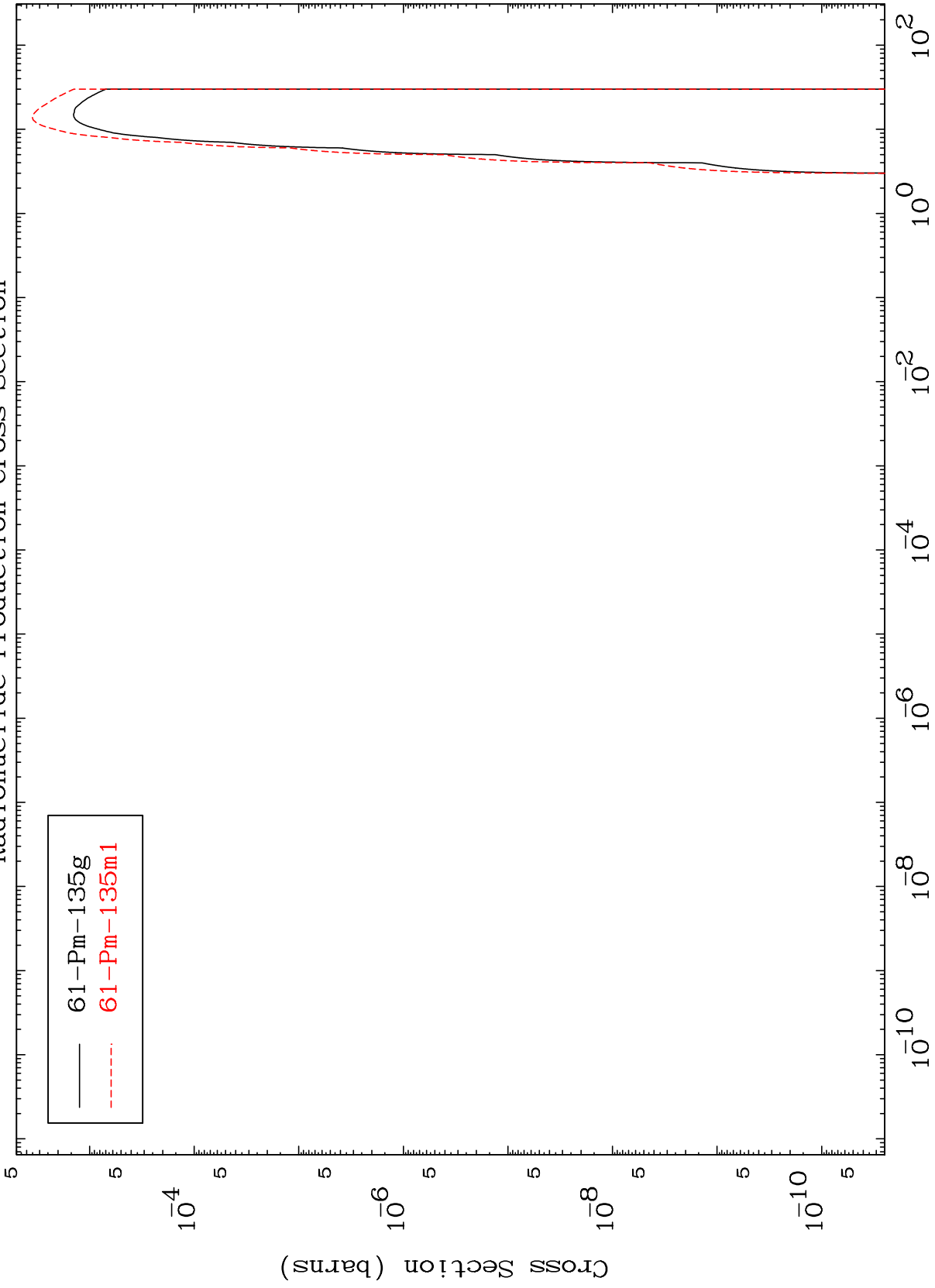


62-Sm-137

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(d,  $\alpha$ )  
Radionuclide Production Cross Section

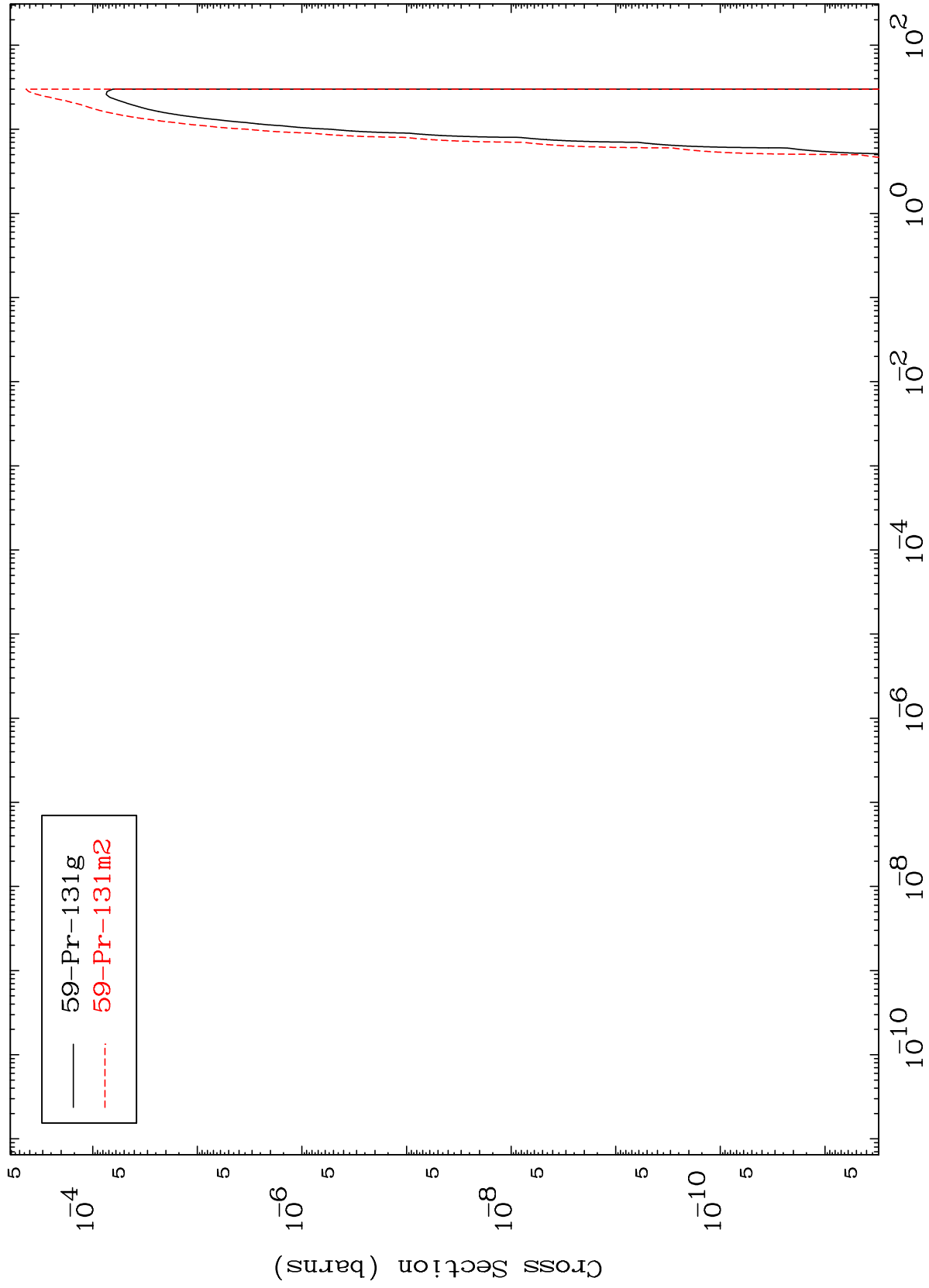
62-Sm-137



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Radionuclide Production Cross Section  
(d,2α)

62-Sm-137



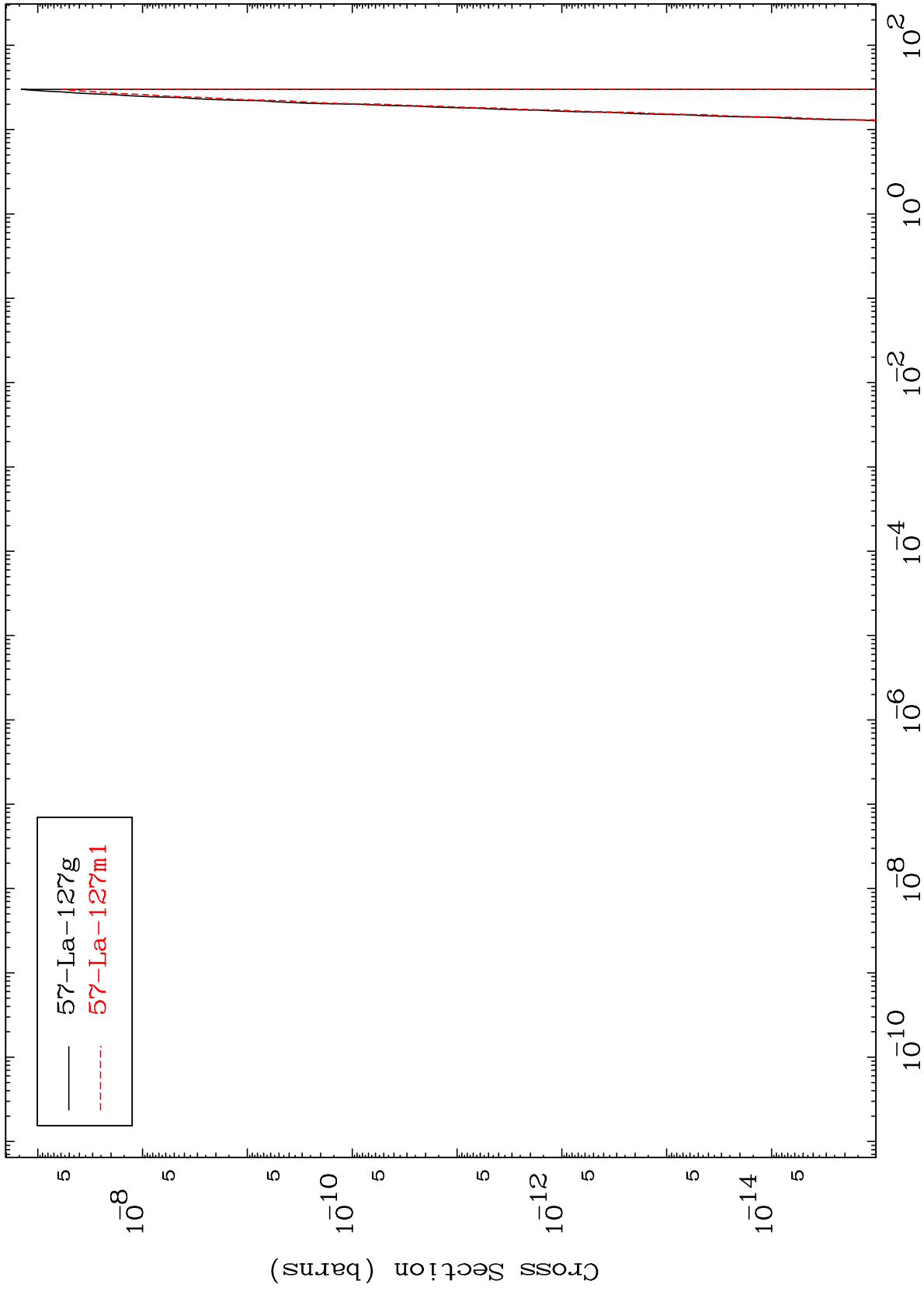
62-Sm-137

MAT 6204

(d,3α)

62-Sm-137

Radionuclide Production Cross Section



22

Incident Energy (MeV)

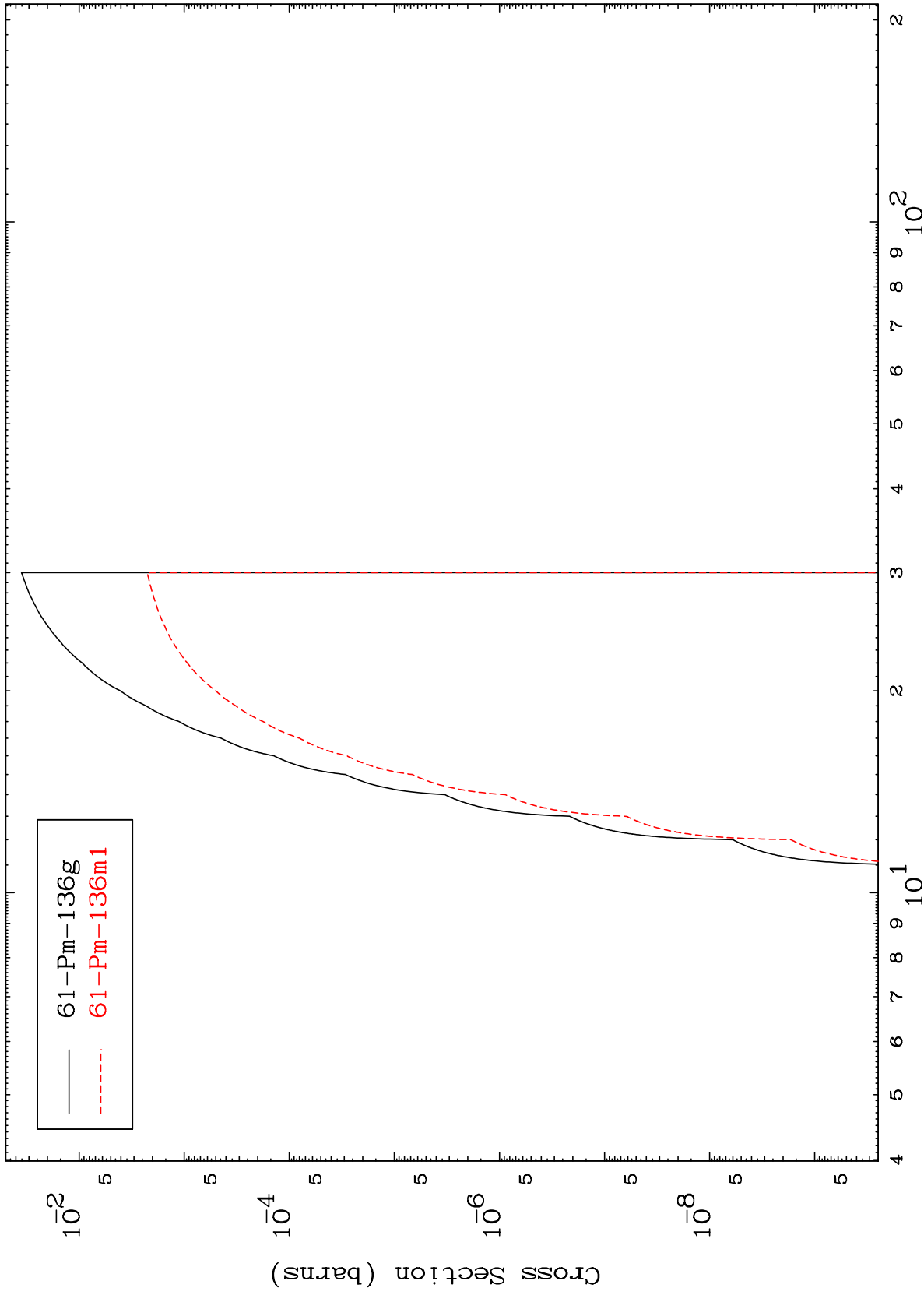
62-Sm-137

MAT 6204

(d,p) d

62-Sm-137

Radionuclide Production Cross Section



61-Pm-136g  
61-Pm-136m1

23

Incident Energy (MeV)

62-Sm-137

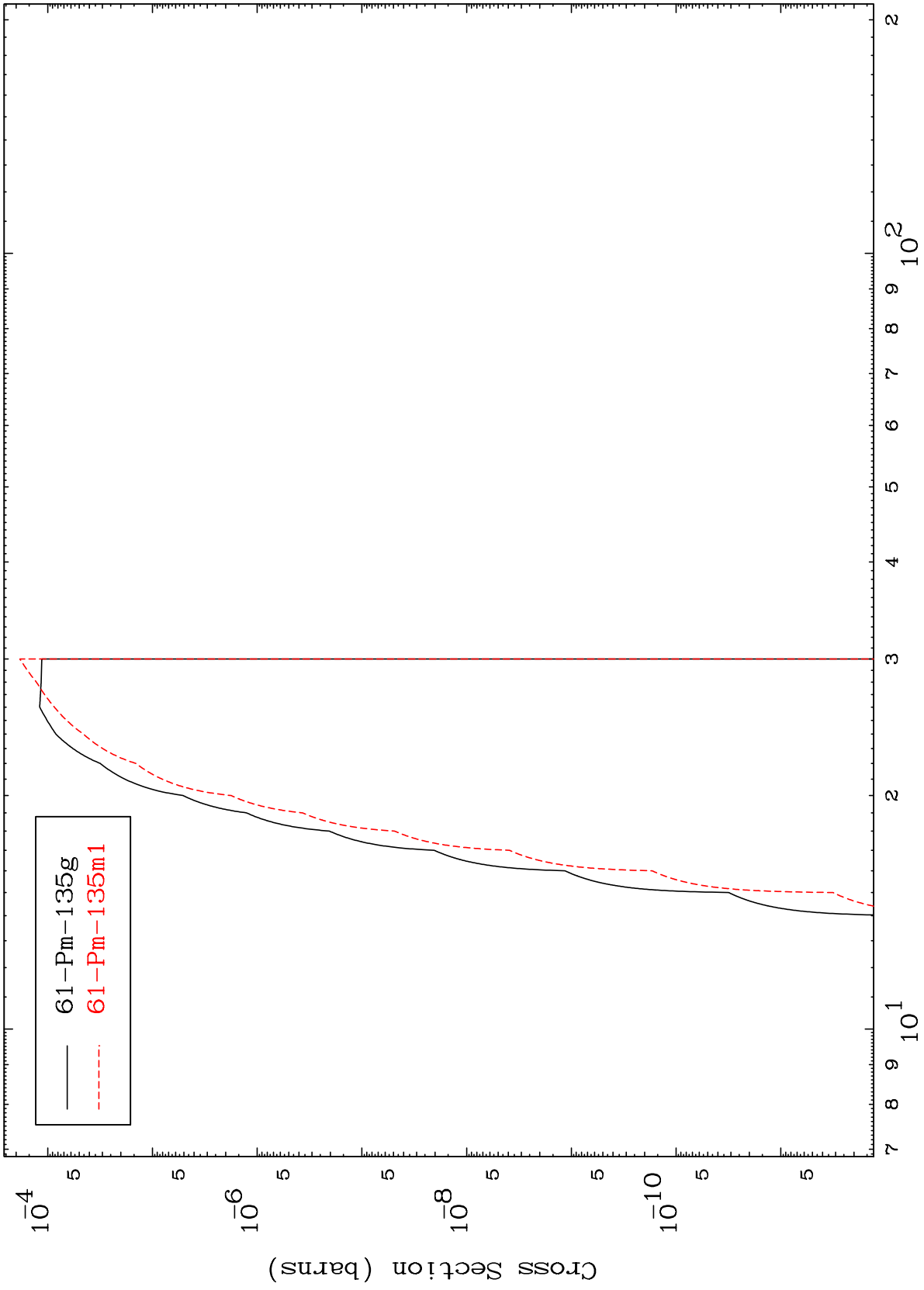


MAT 6204

(d,p) t

62-Sm-137

Radionuclide Production Cross Section



24

Incident Energy (MeV)

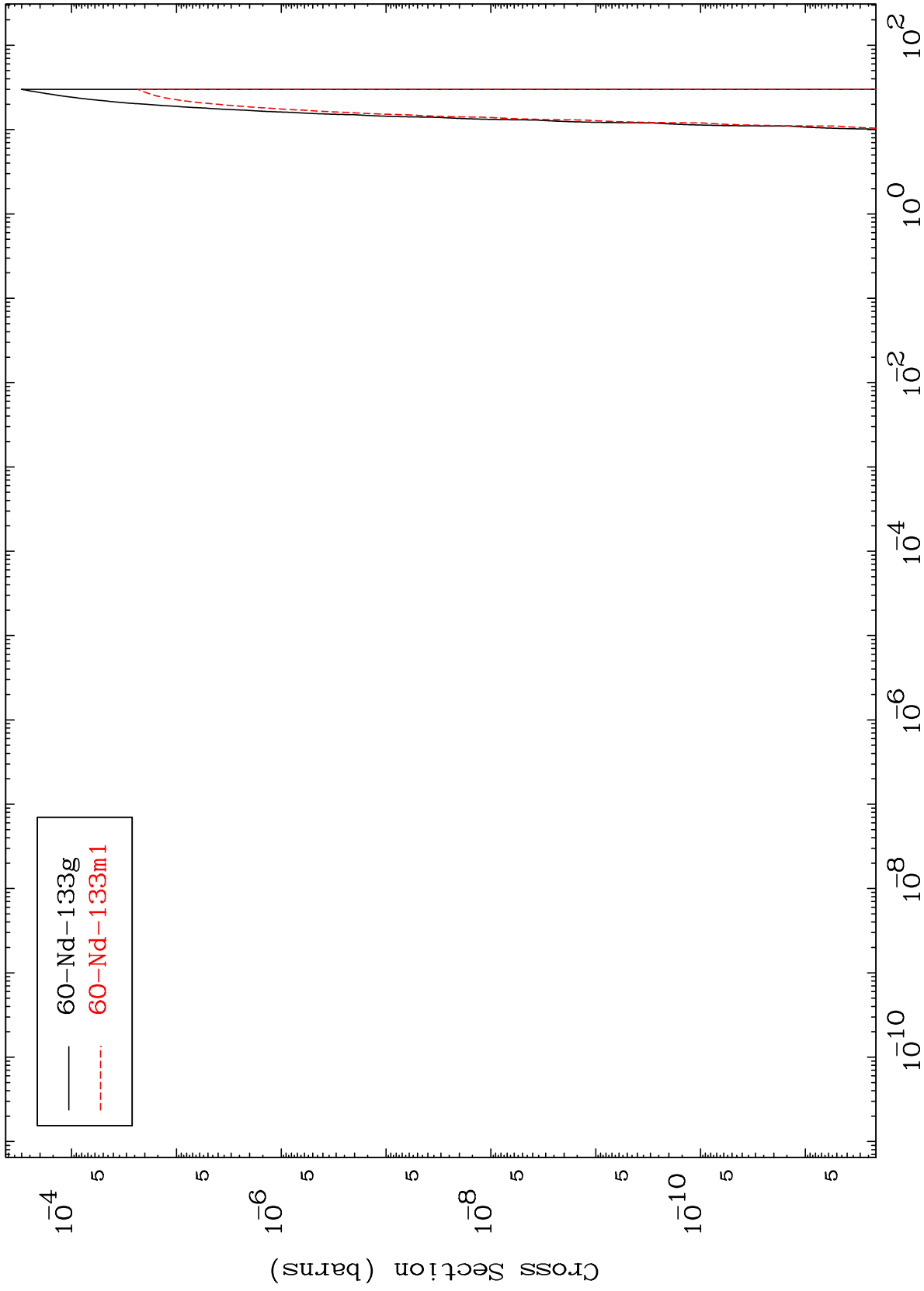
62-Sm-137

MAT 6204

(d,d)  $\alpha$

62-Sm-137

Radionuclide Production Cross Section



25

Incident Energy (MeV)

62-Sm-137