

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

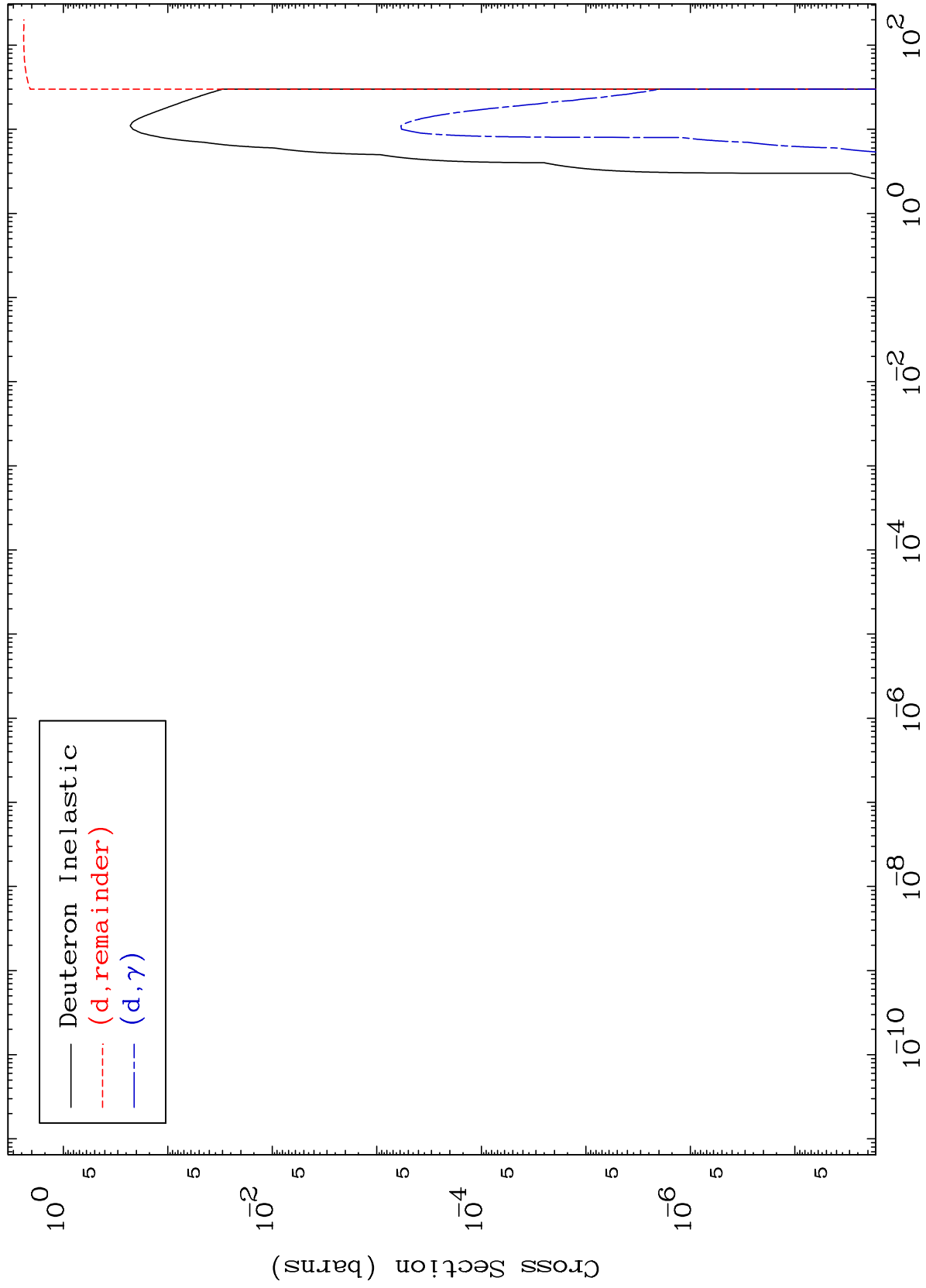
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

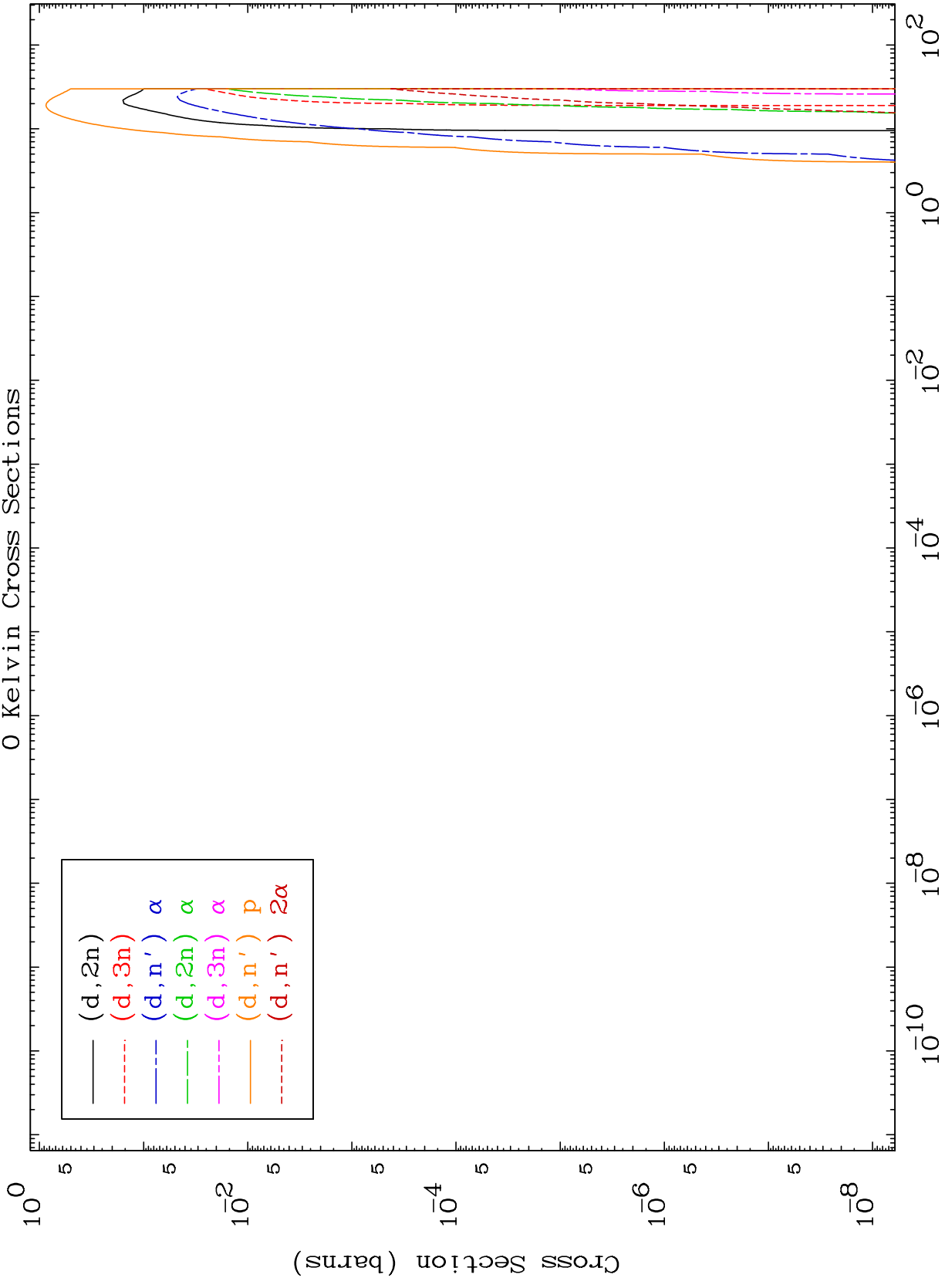
Press Mouse Button to Start



MAT 5896

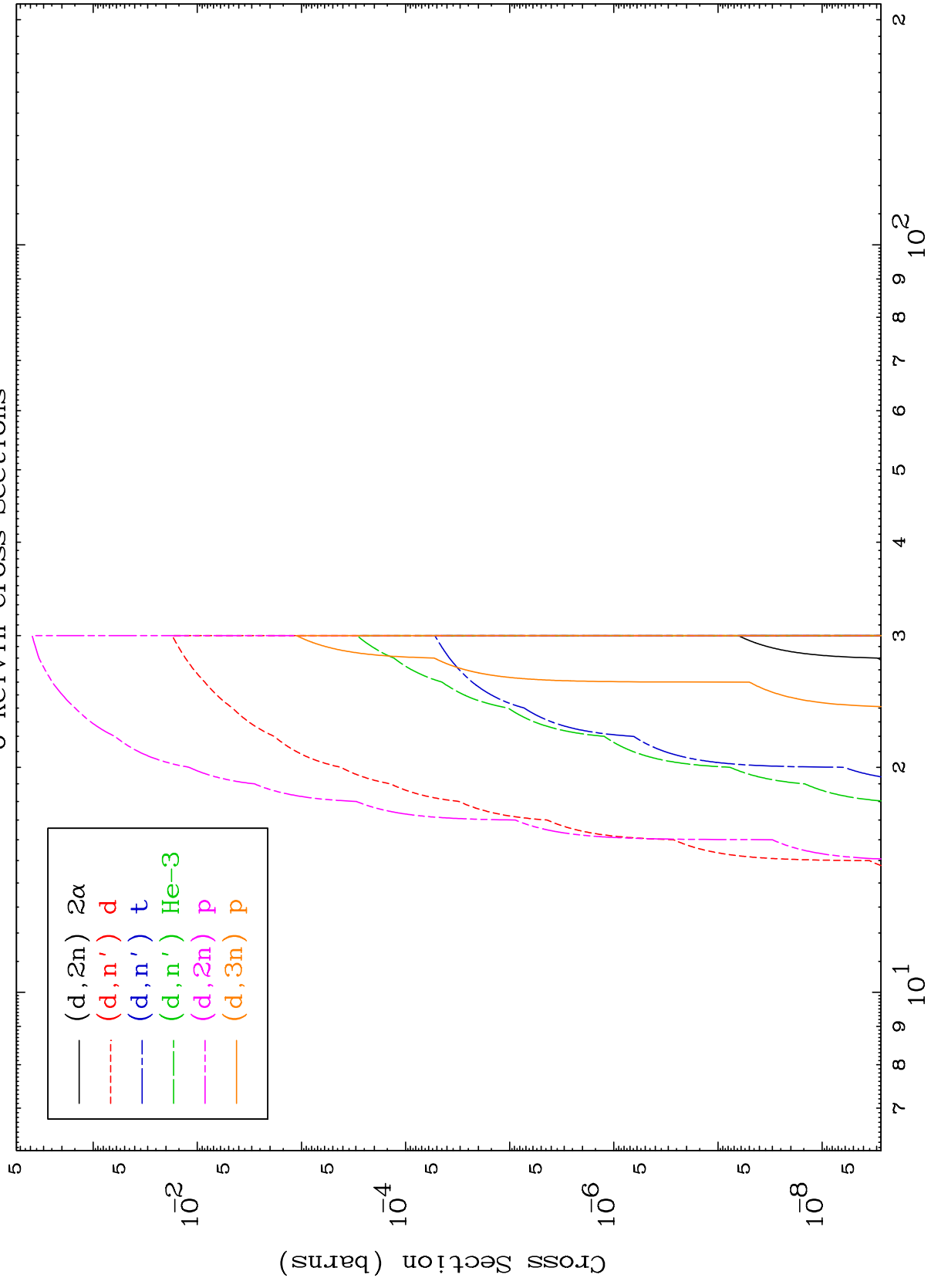
Deuteron Neutron Production  
0 Kelvin Cross Sections

59-Pr-131



2

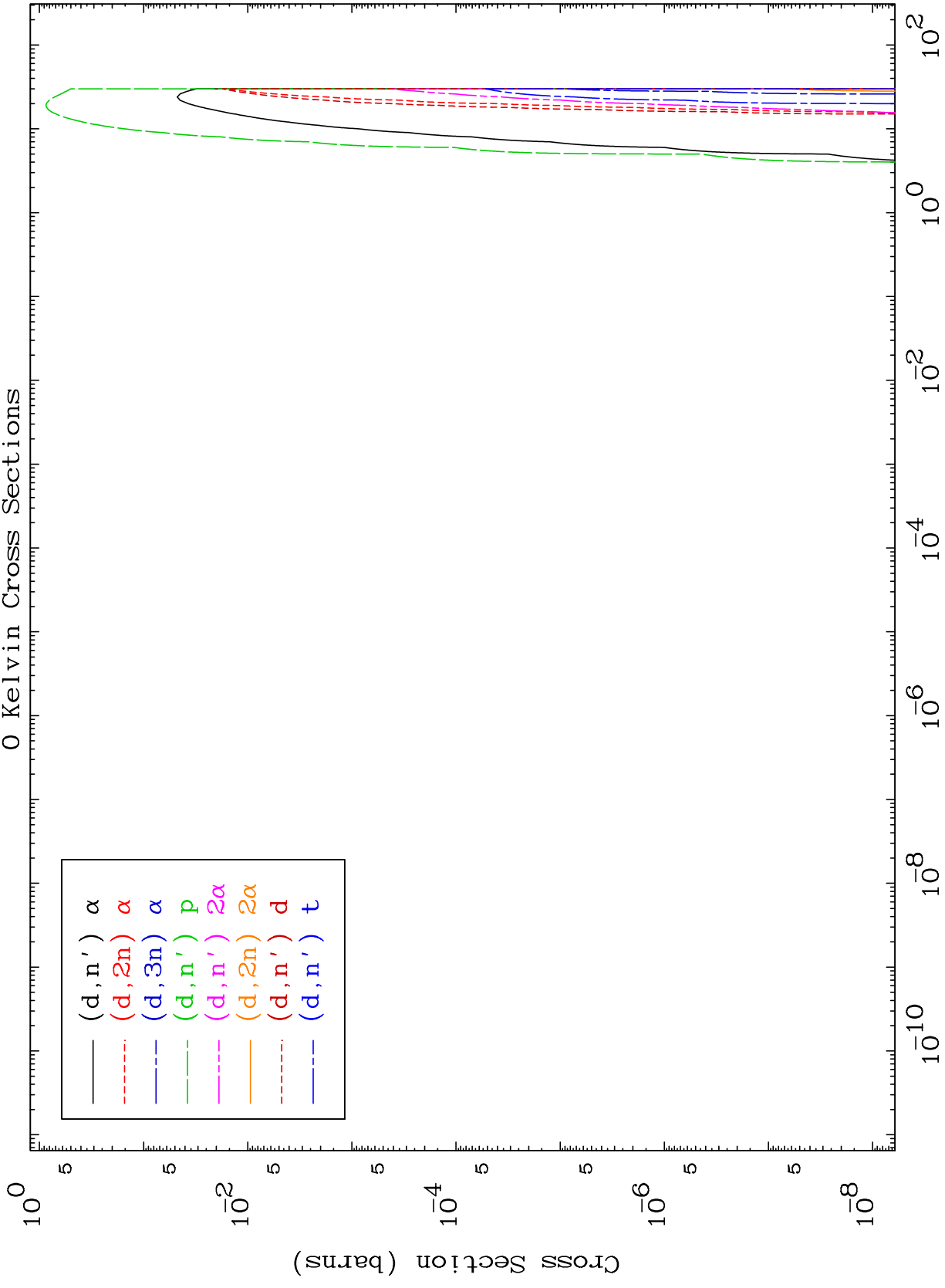
59-Pr-131



MAT 5896

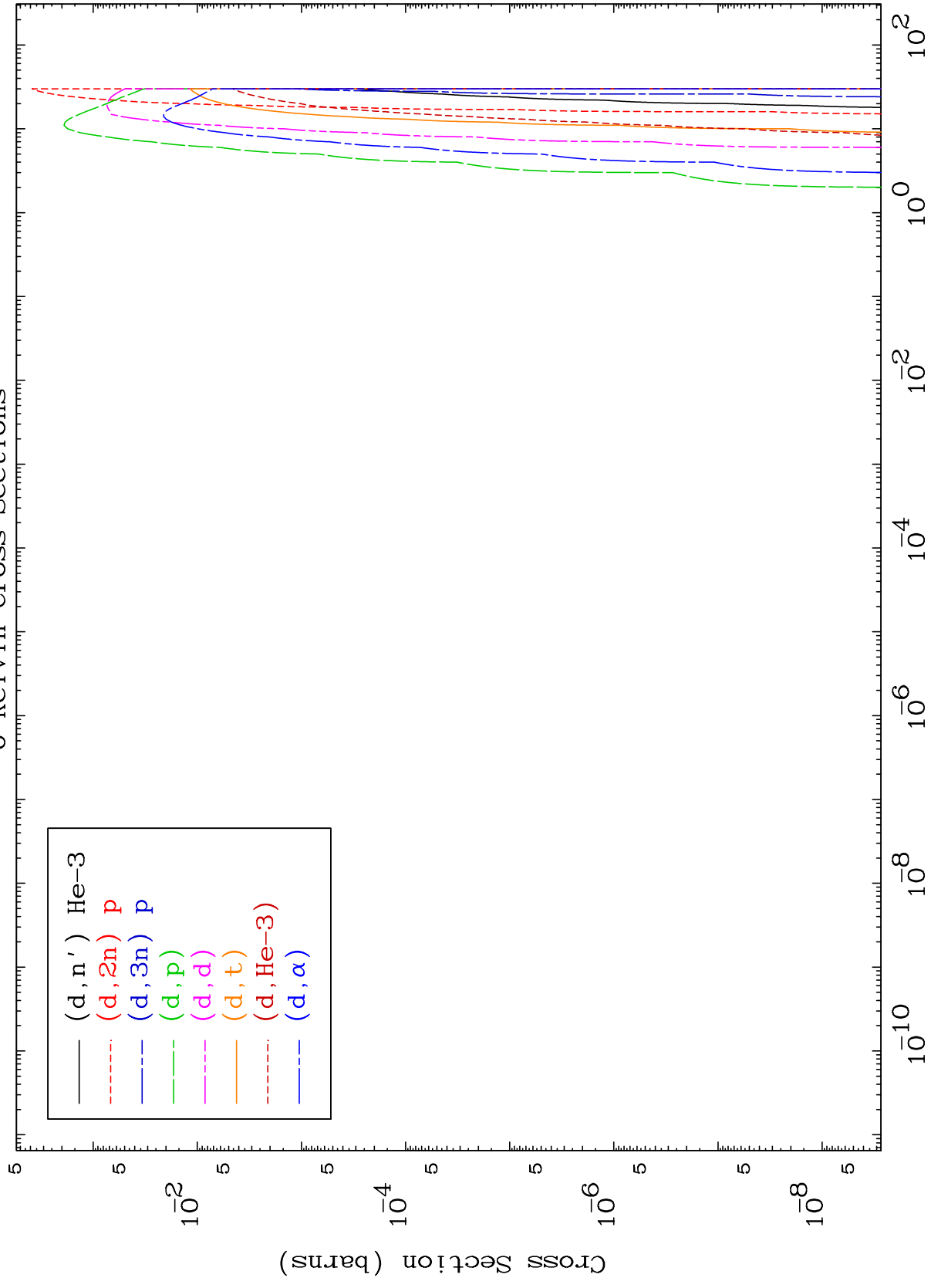
Deuteron Charged Particle  
0 Kelvin Cross Sections

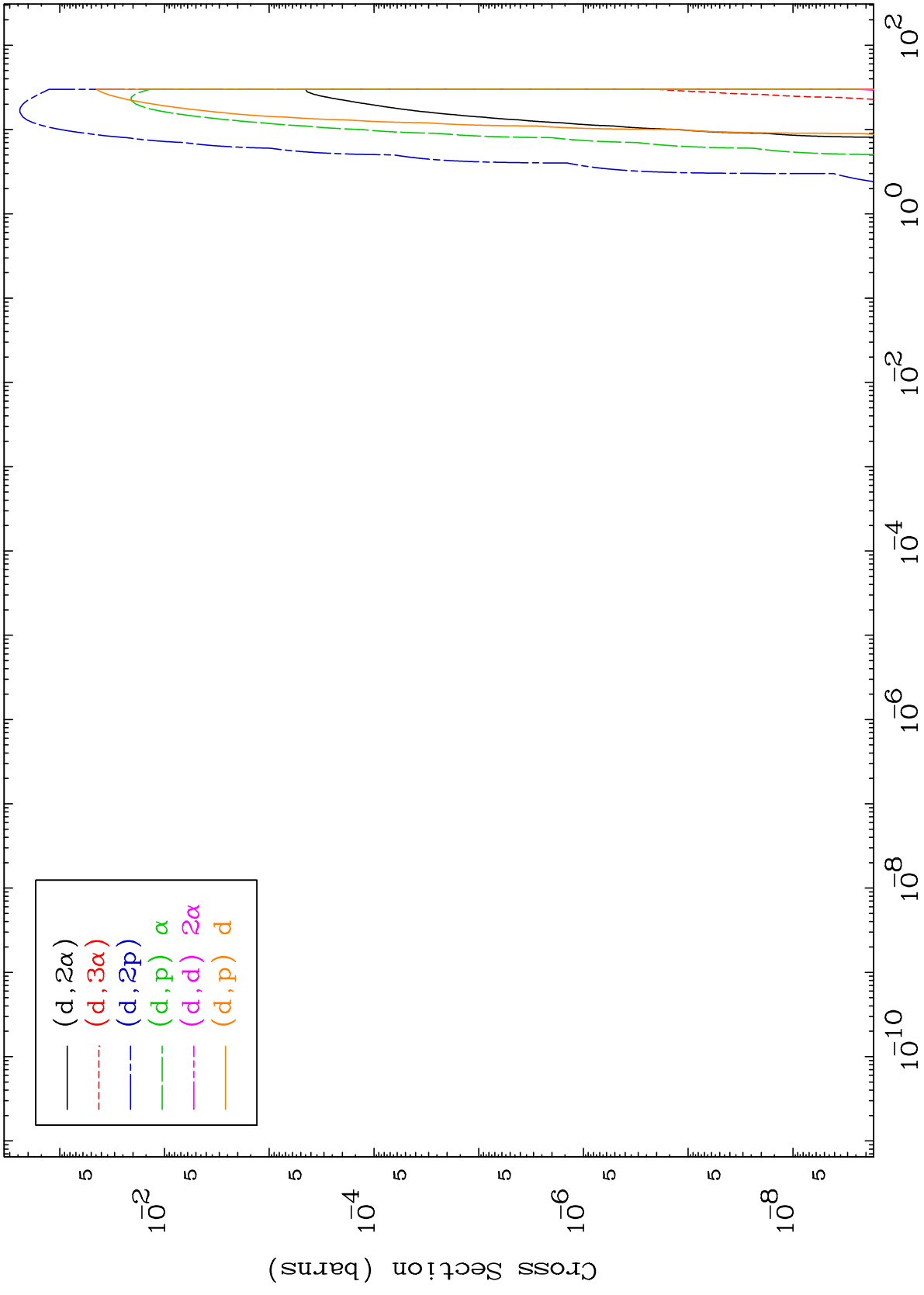
59-Pr-131



59-Pr-131

Incident Energy (MeV)

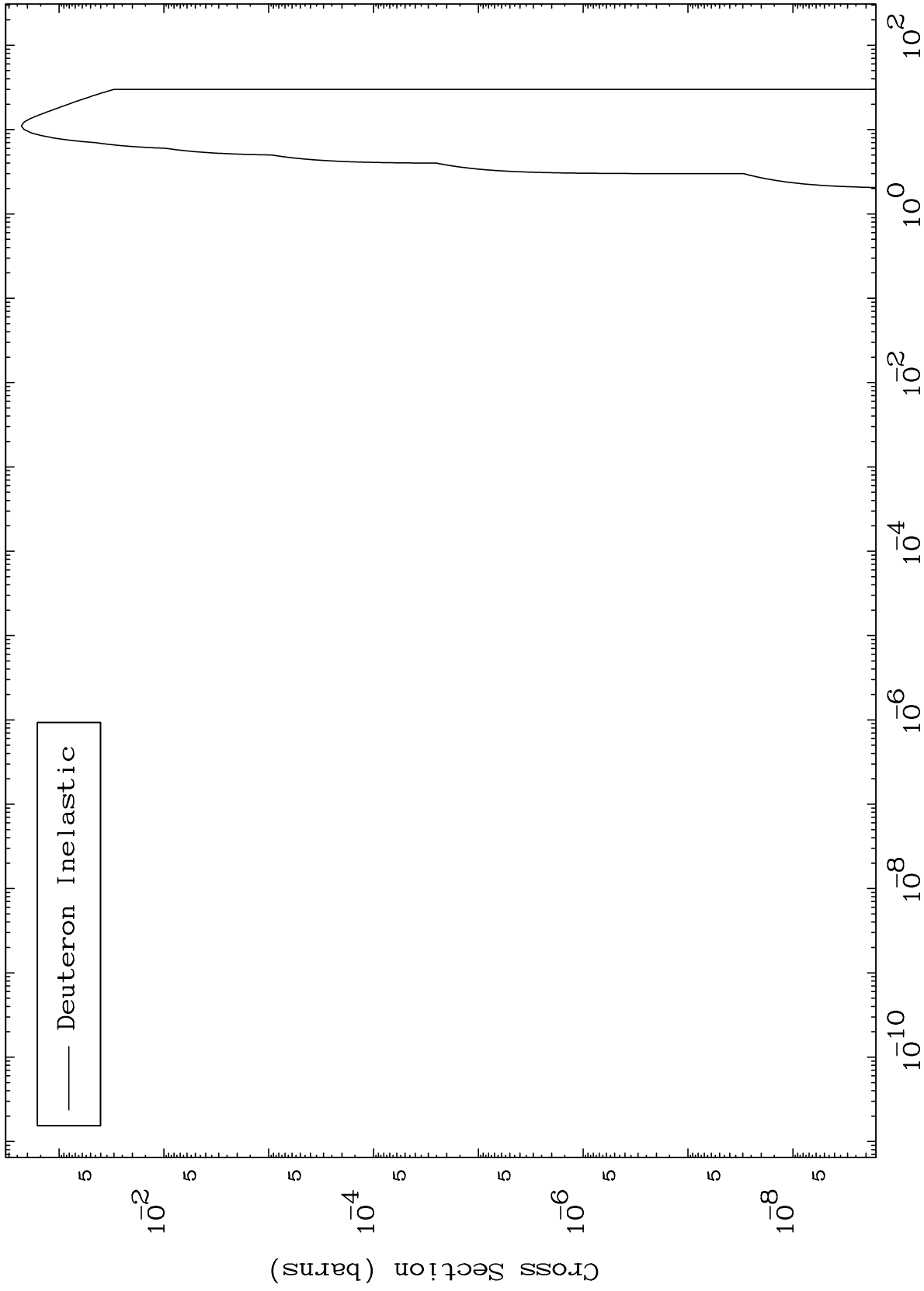




MAT 5896

(d,n') Level  
0 Kelvin Cross Sections

59-Pr-131

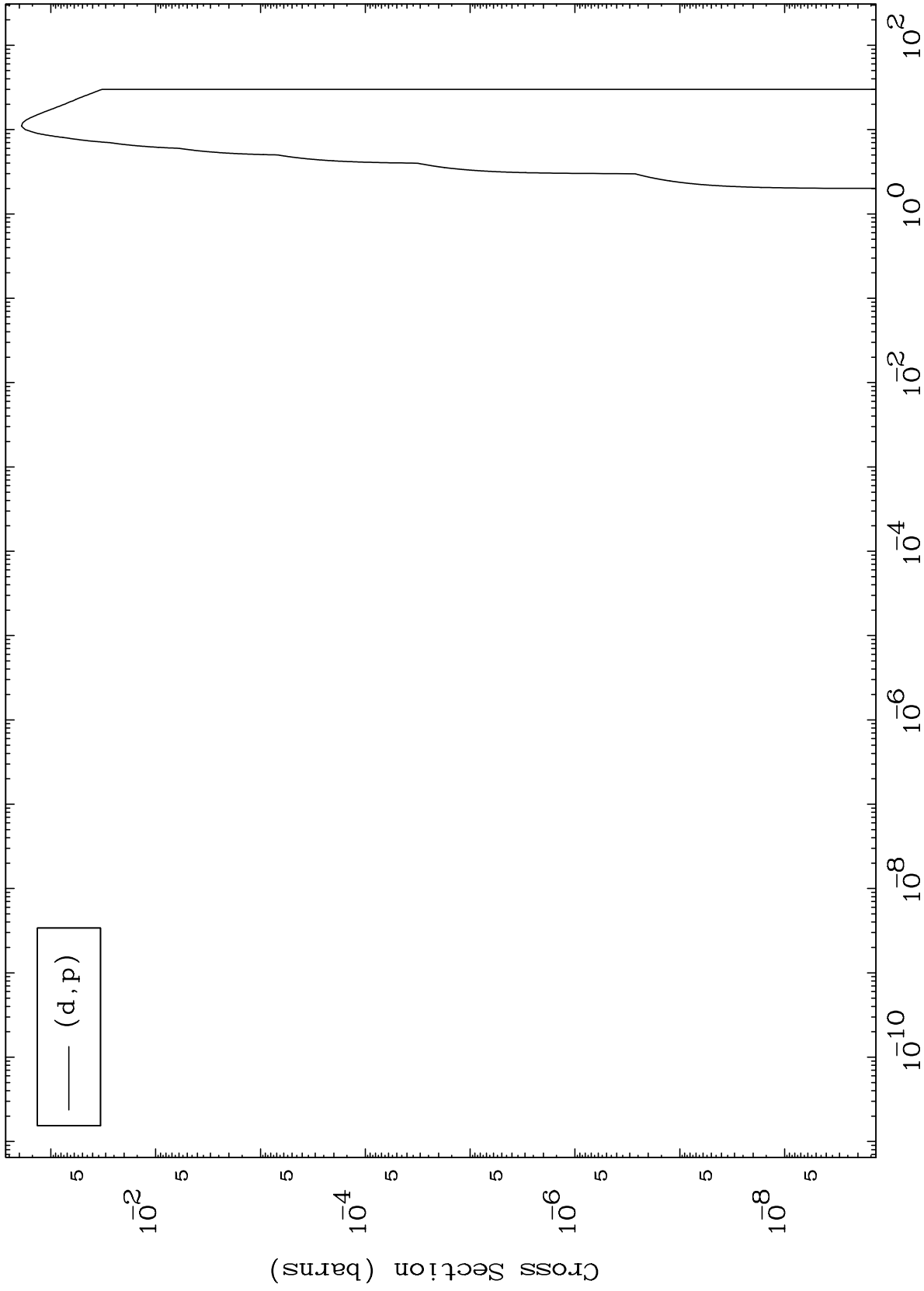




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(d,p) Levels  
0 Kelvin Cross Sections

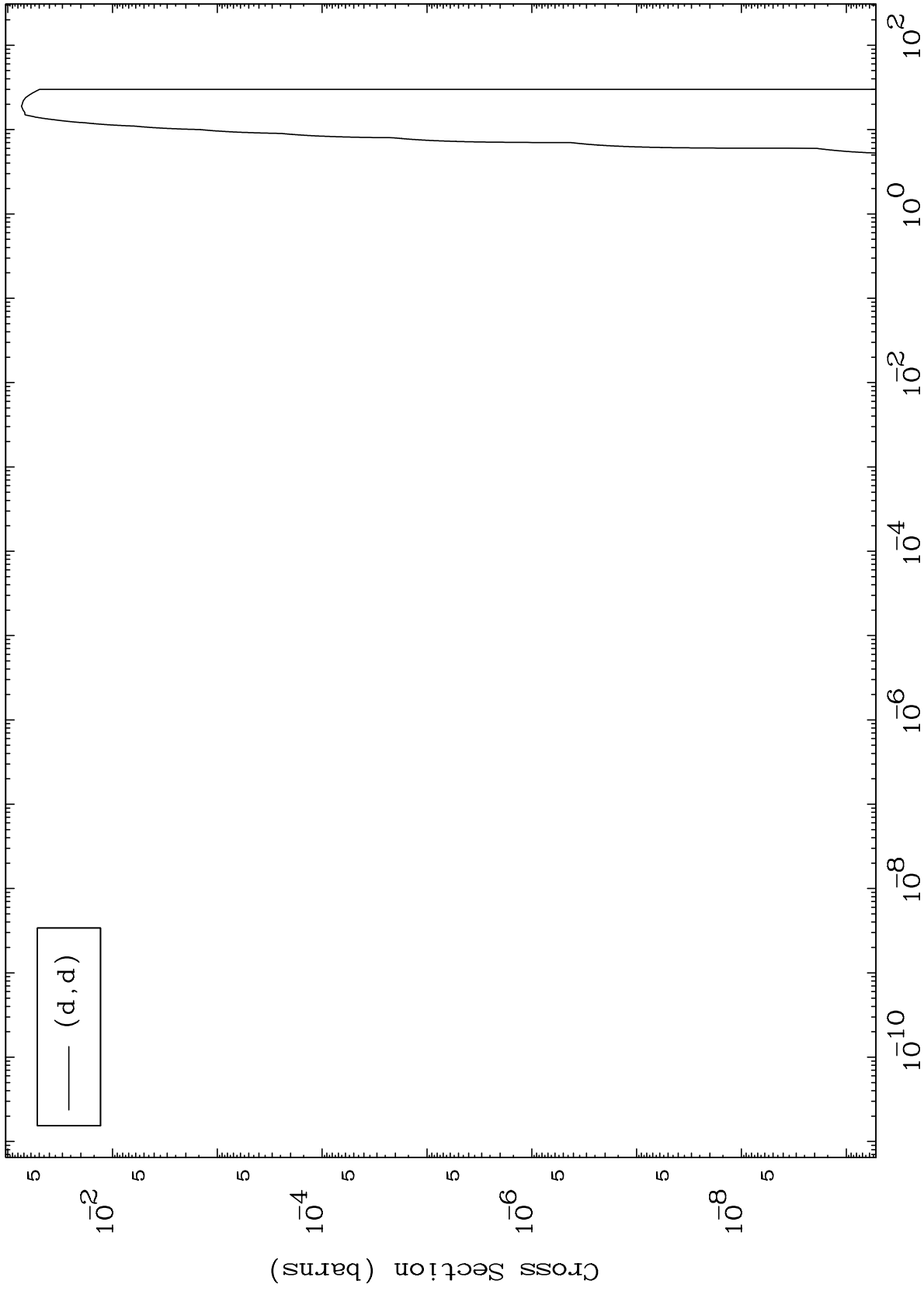
59-Pr-131



MAT 5896

(d,d) Levels  
0 Kelvin Cross Sections

59-Pr-131



9

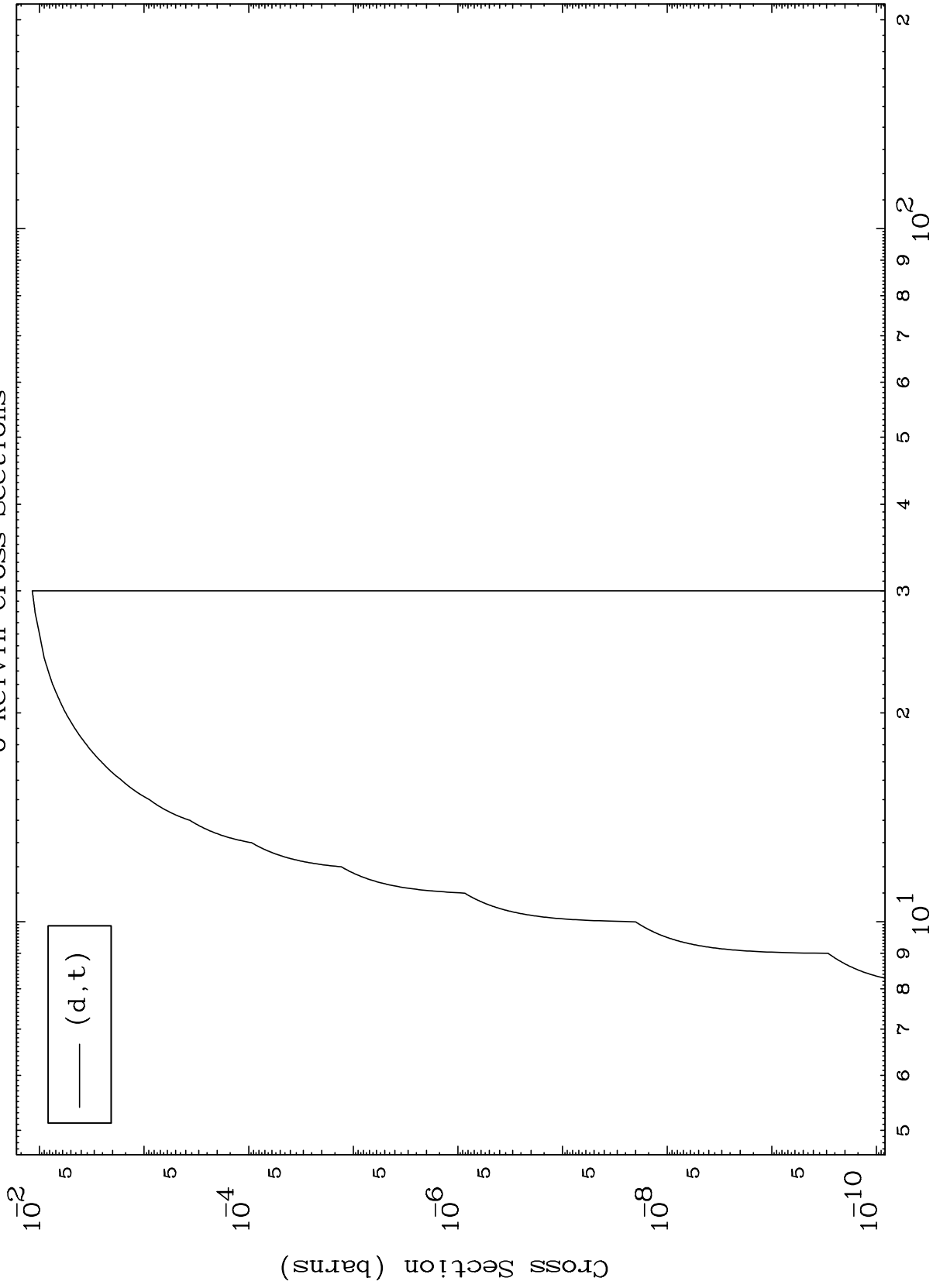
Incident Energy (MeV)

59-Pr-131

MAT 5896

(d,t) Levels  
0 Kelvin Cross Sections

59-Pr-131



10

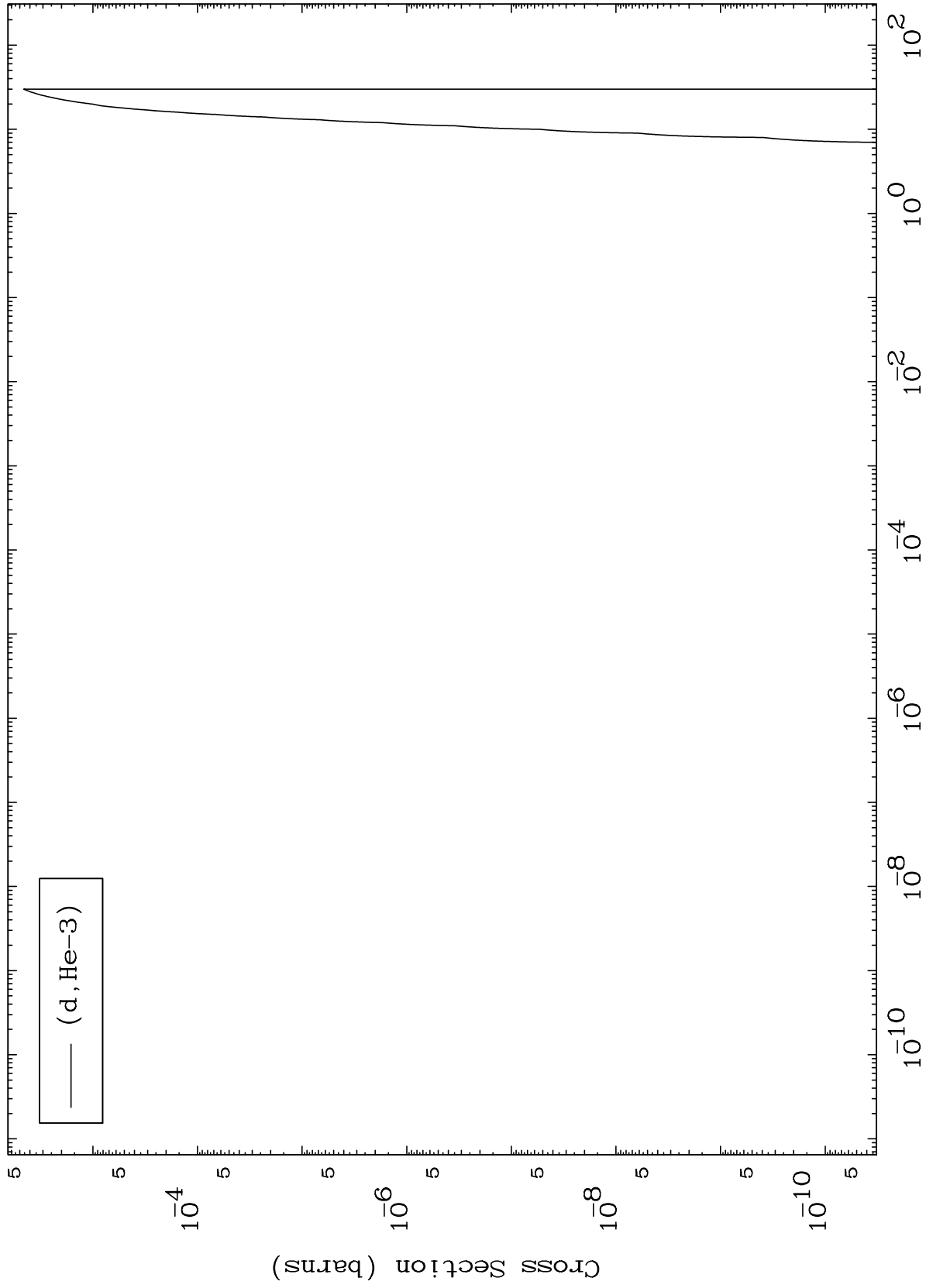
Incident Energy (MeV)

59-Pr-131

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(d,He3) Levels  
0 Kelvin Cross Sections

59-Pr-131



11

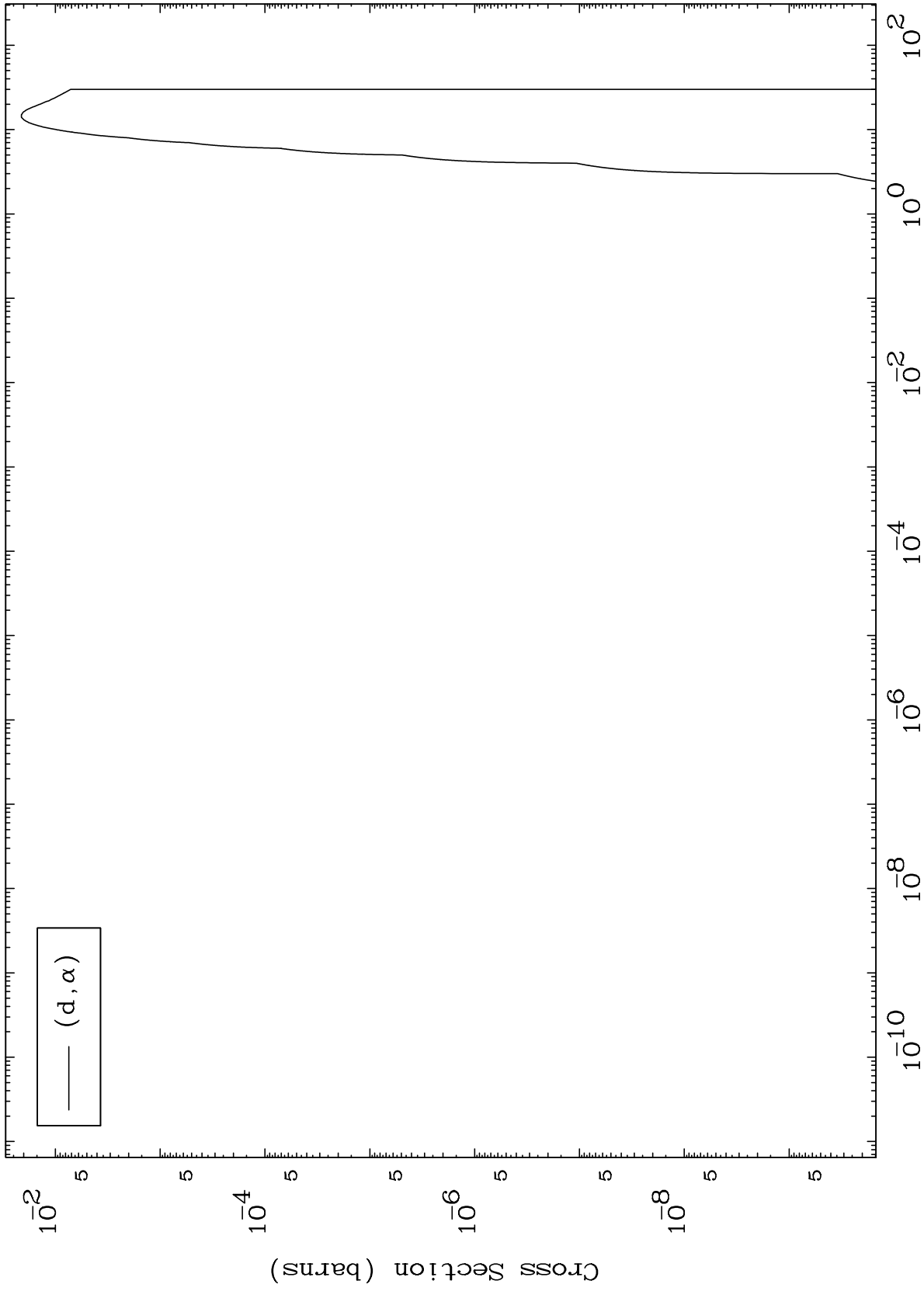
Incident Energy (MeV)

59-Pr-131

MAT 5896

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

59-Pr-131



12

Incident Energy (MeV)

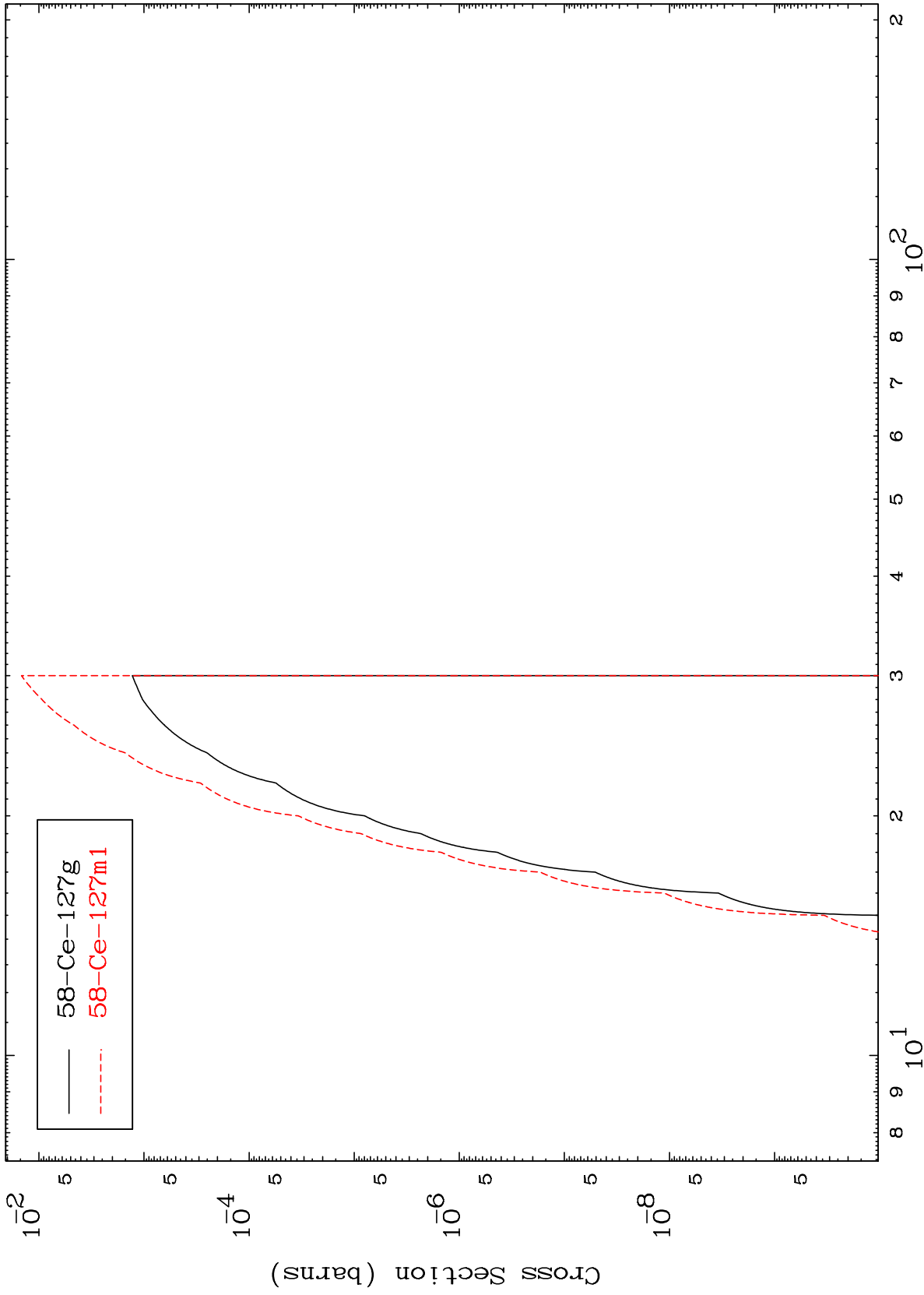
59-Pr-131

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(d,2n)  $\alpha$

59-Pr-131

Radionuclide Production Cross Section



13

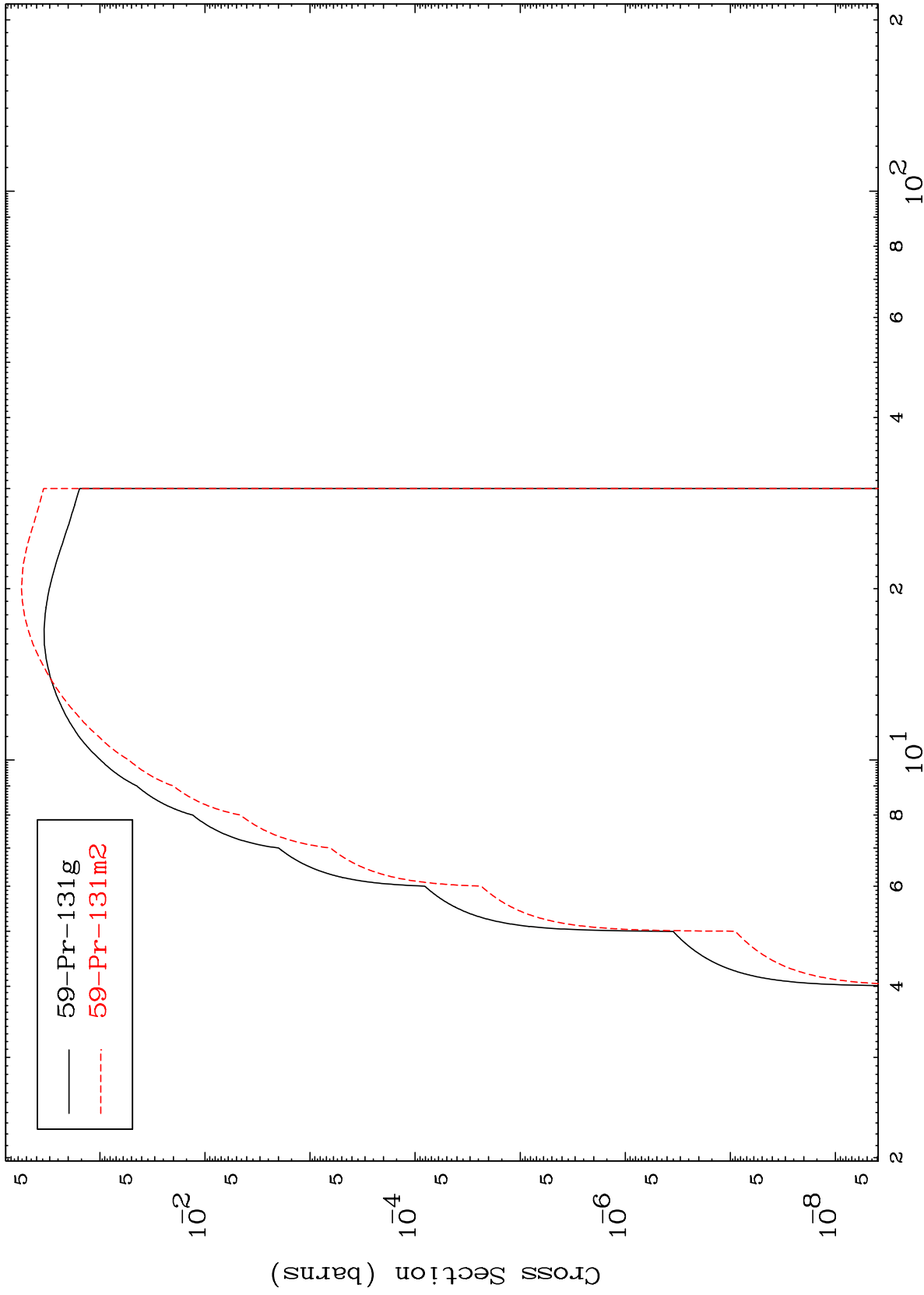
59-Pr-131

MAT 5896

(d,n') p

59-Pr-131

Radionuclide Production Cross Section



14

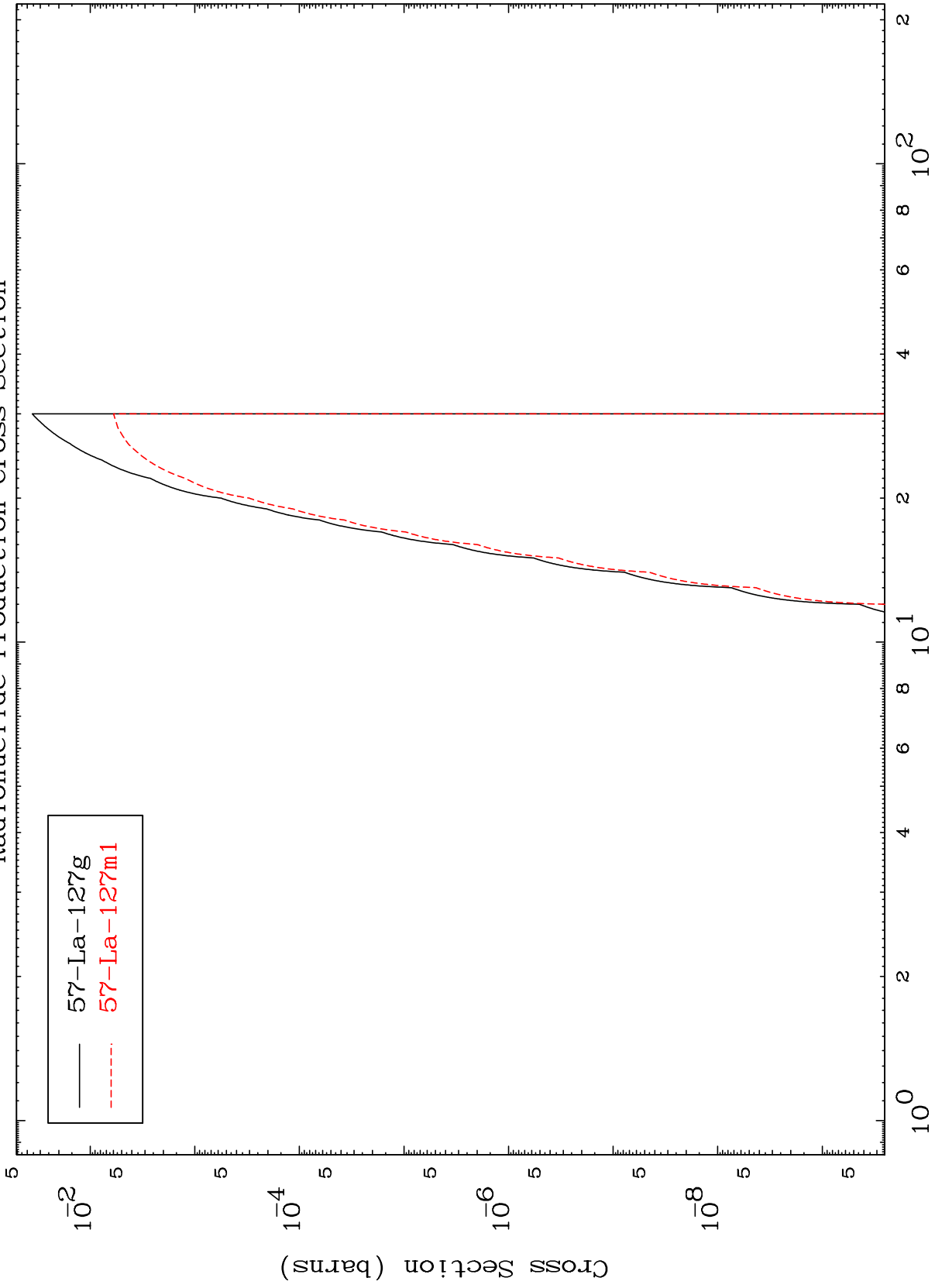
59-Pr-131

MAT 5896

(d,n') p  $\alpha$

59-Pr-131

Radionuclide Production Cross Section



57-La-127g  
57-La-127m1

15

Incident Energy (MeV)

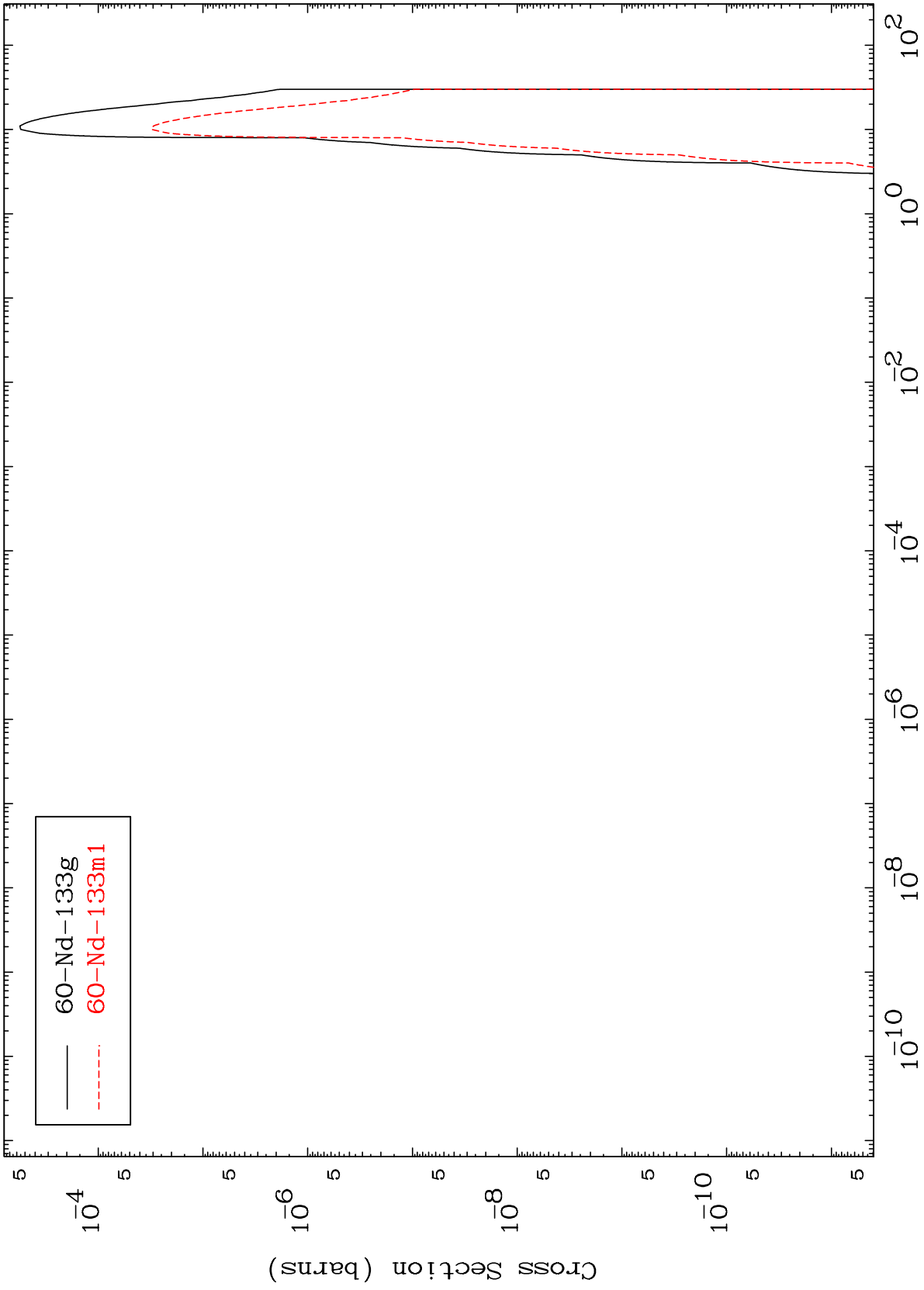
59-Pr-131



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(d,γ)  
Radionuclide Production Cross Section

59-Pr-131



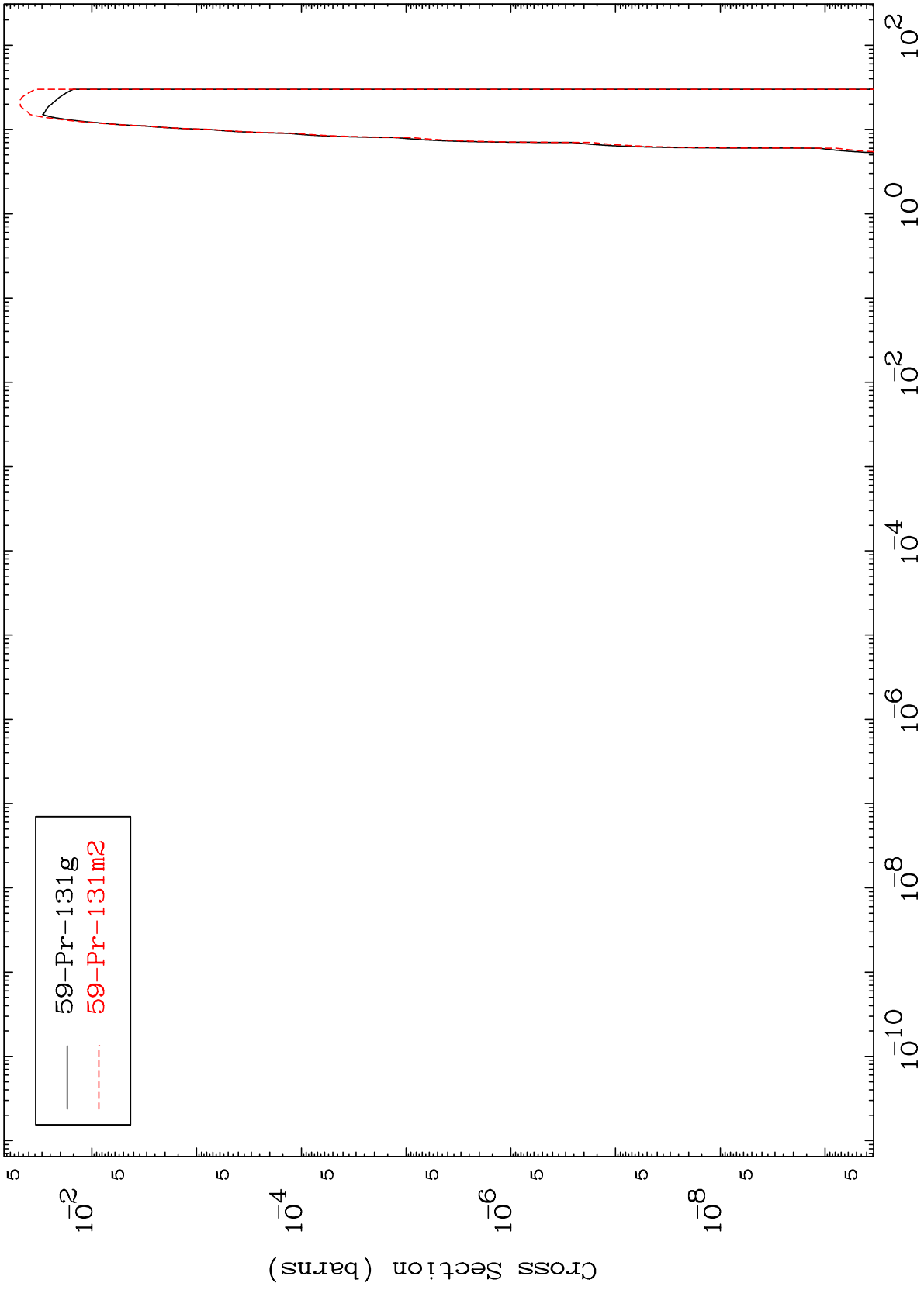
59-Pr-131

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(d,d)

59-Pr-131

Radionuclide Production Cross Section



17

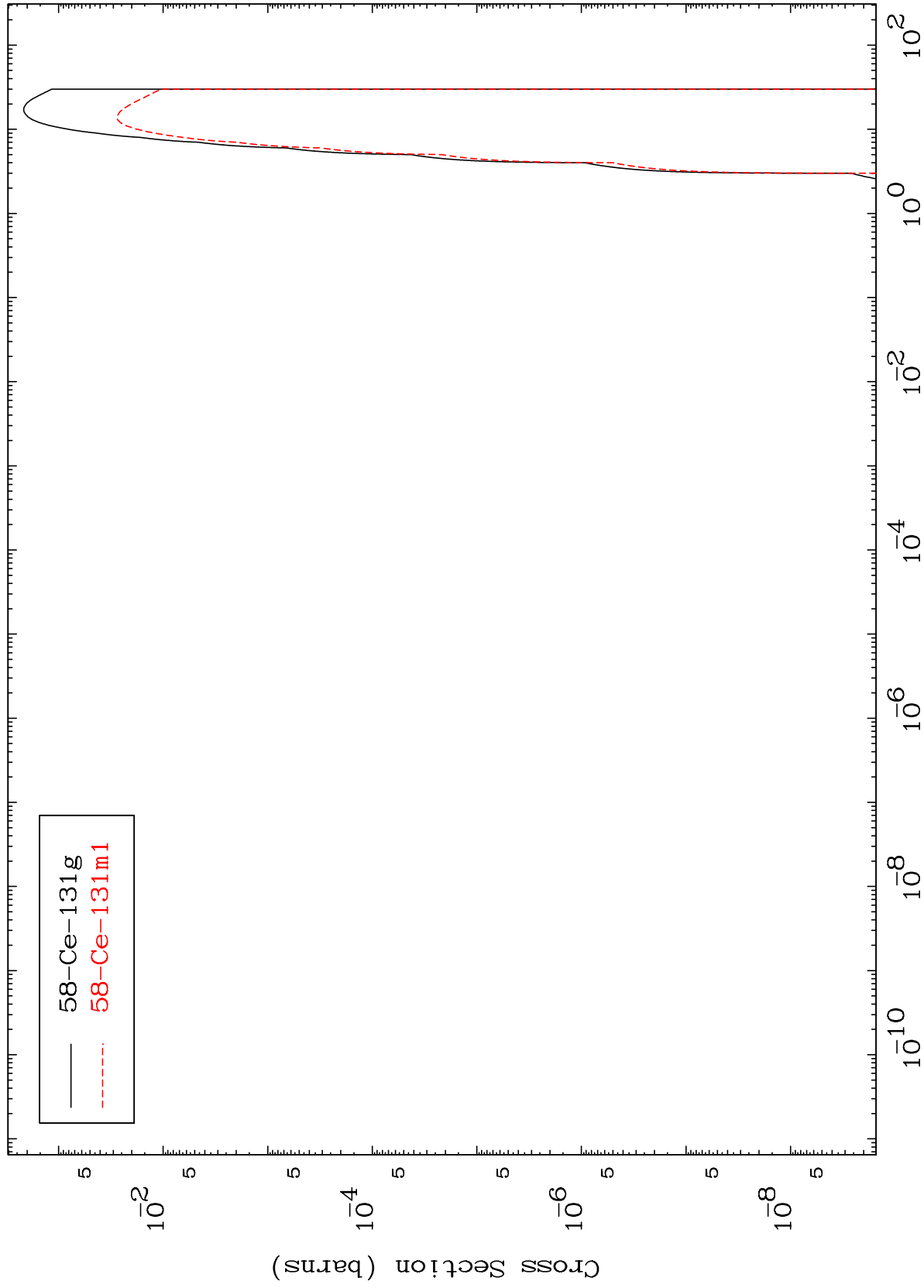
Incident Energy (MeV)

59-Pr-131

MAT 5896

59-Pr-131

(d,2p)  
Radionuclide Production Cross Section



18

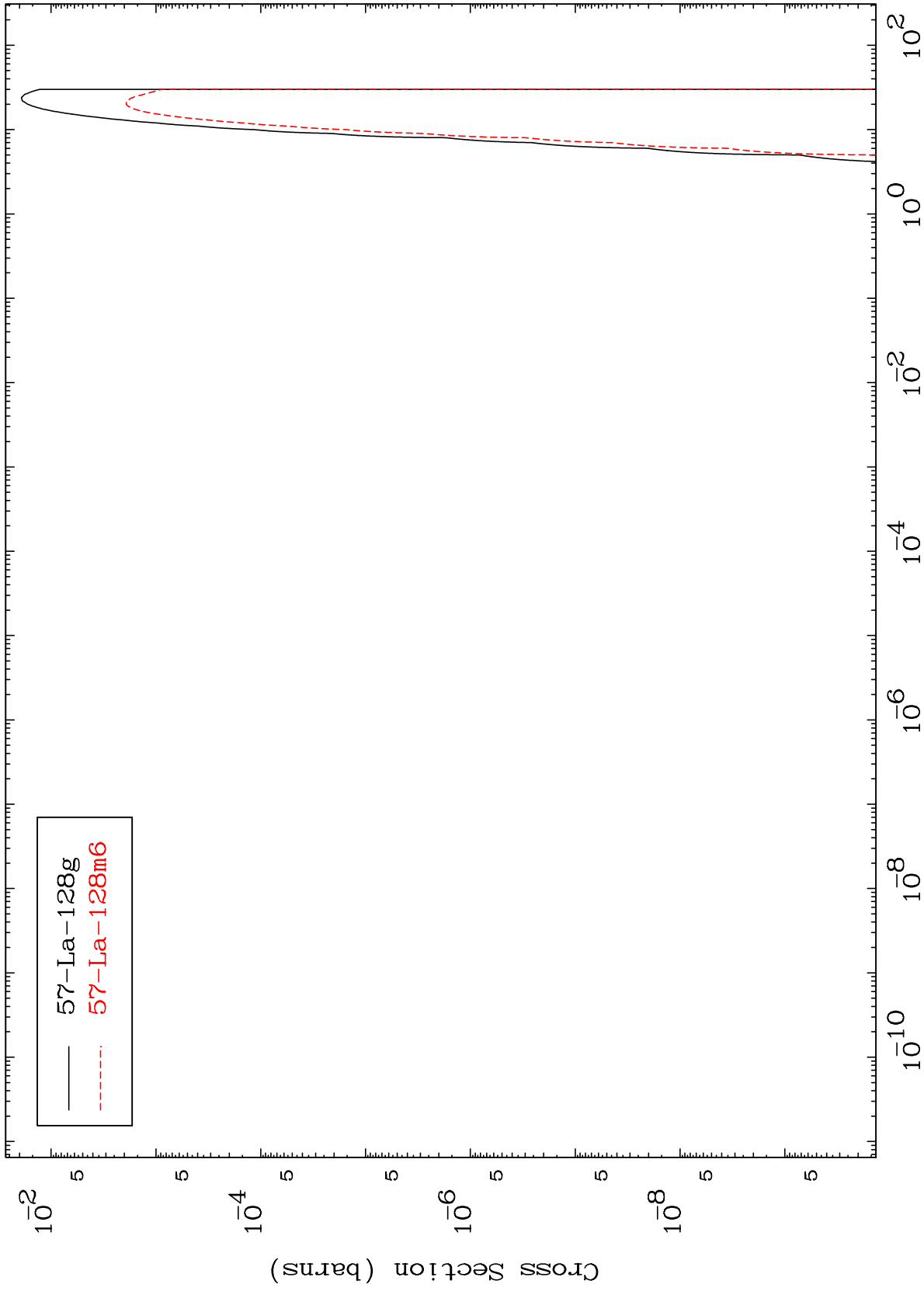
59-Pr-131

MAT 5896

(d,p)  $\alpha$

59-Pr-131

Radionuclide Production Cross Section



19

Incident Energy (MeV)

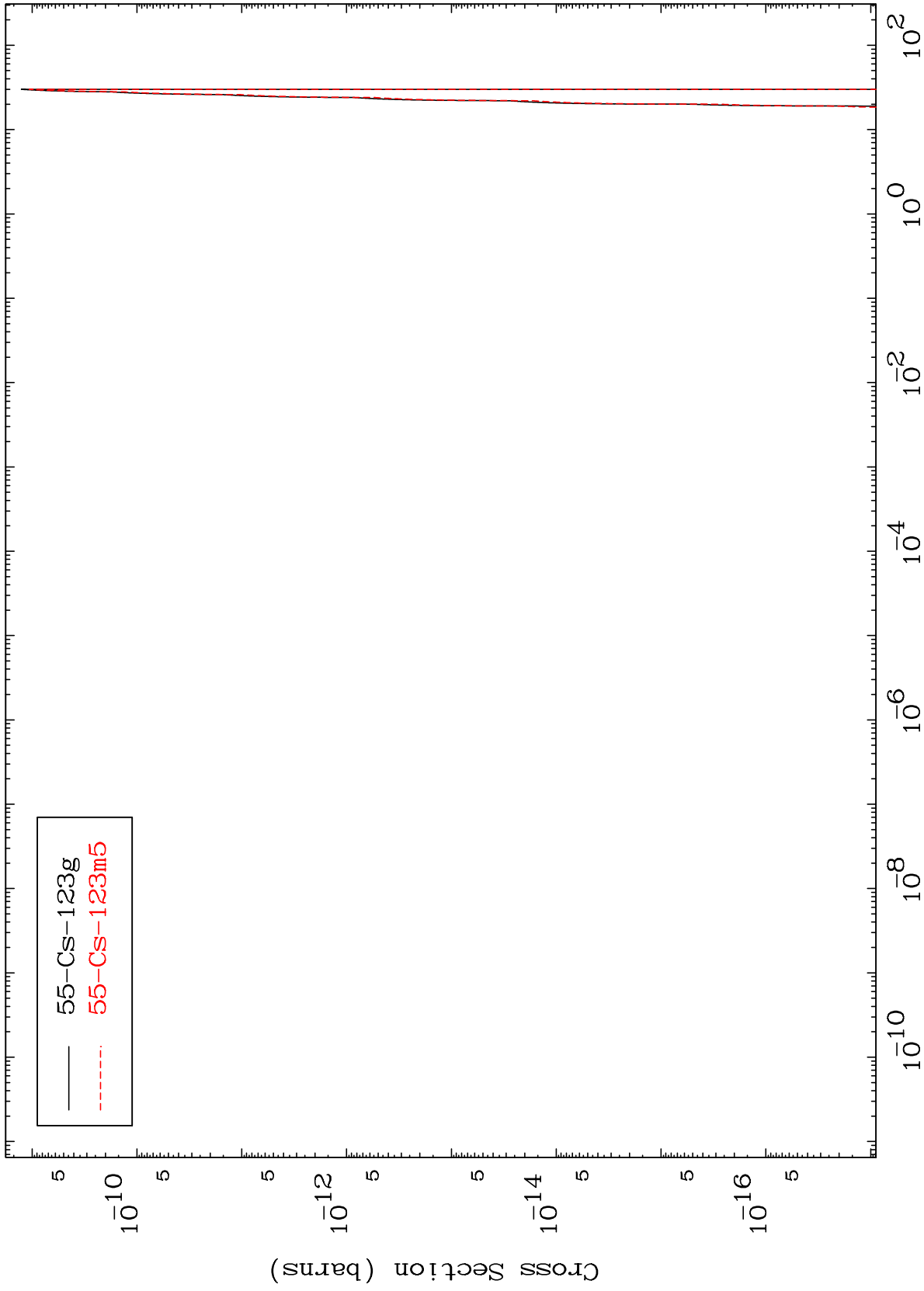
59-Pr-131

MAT 5896

(d,d)  $2\alpha$

59-Pr-131

Radionuclide Production Cross Section



20

Incident Energy (MeV)

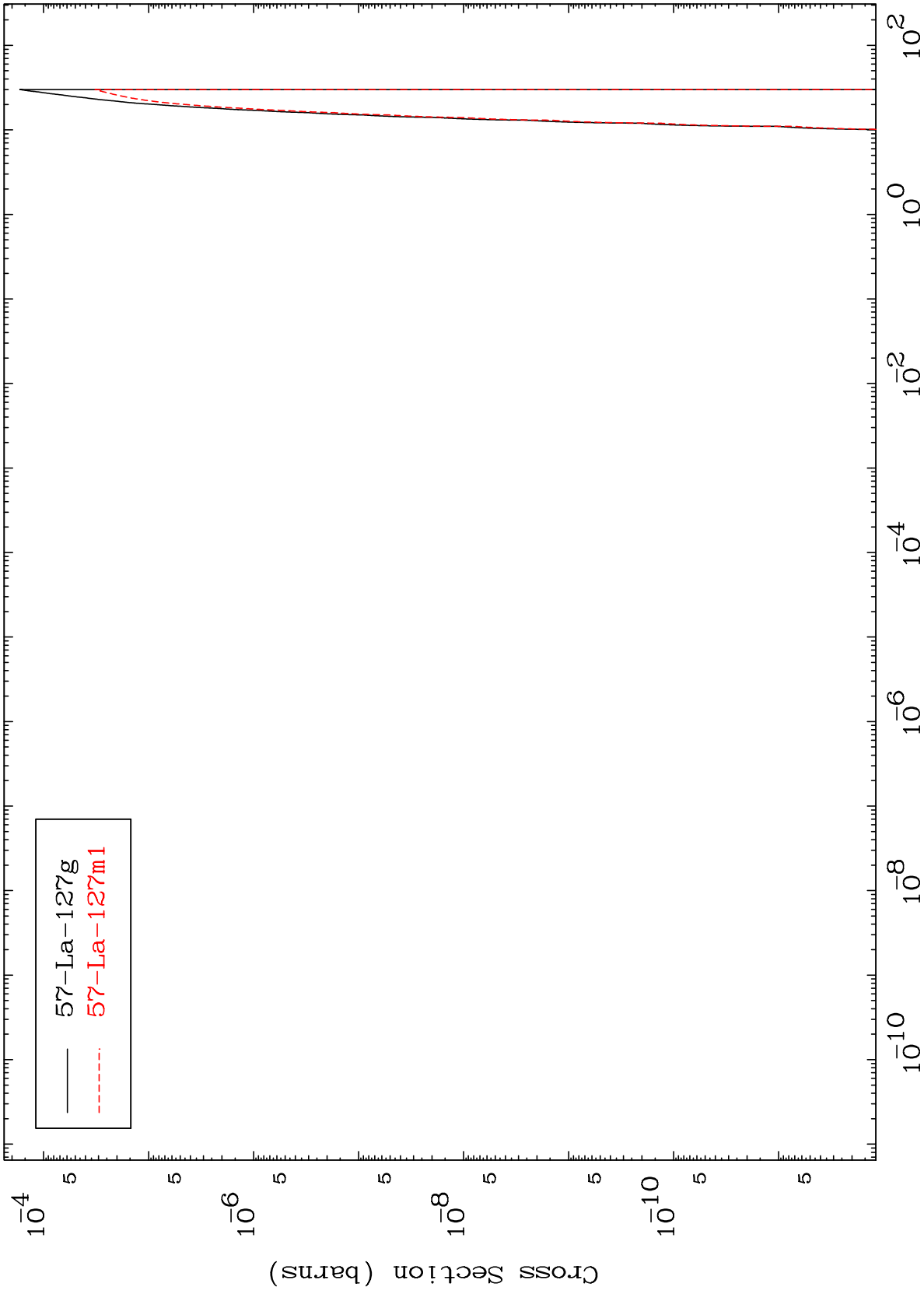
59-Pr-131

MAT 5896

(d,d)  $\alpha$

59-Pr-131

Radionuclide Production Cross Section



21

Incident Energy (MeV)

59-Pr-131