

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

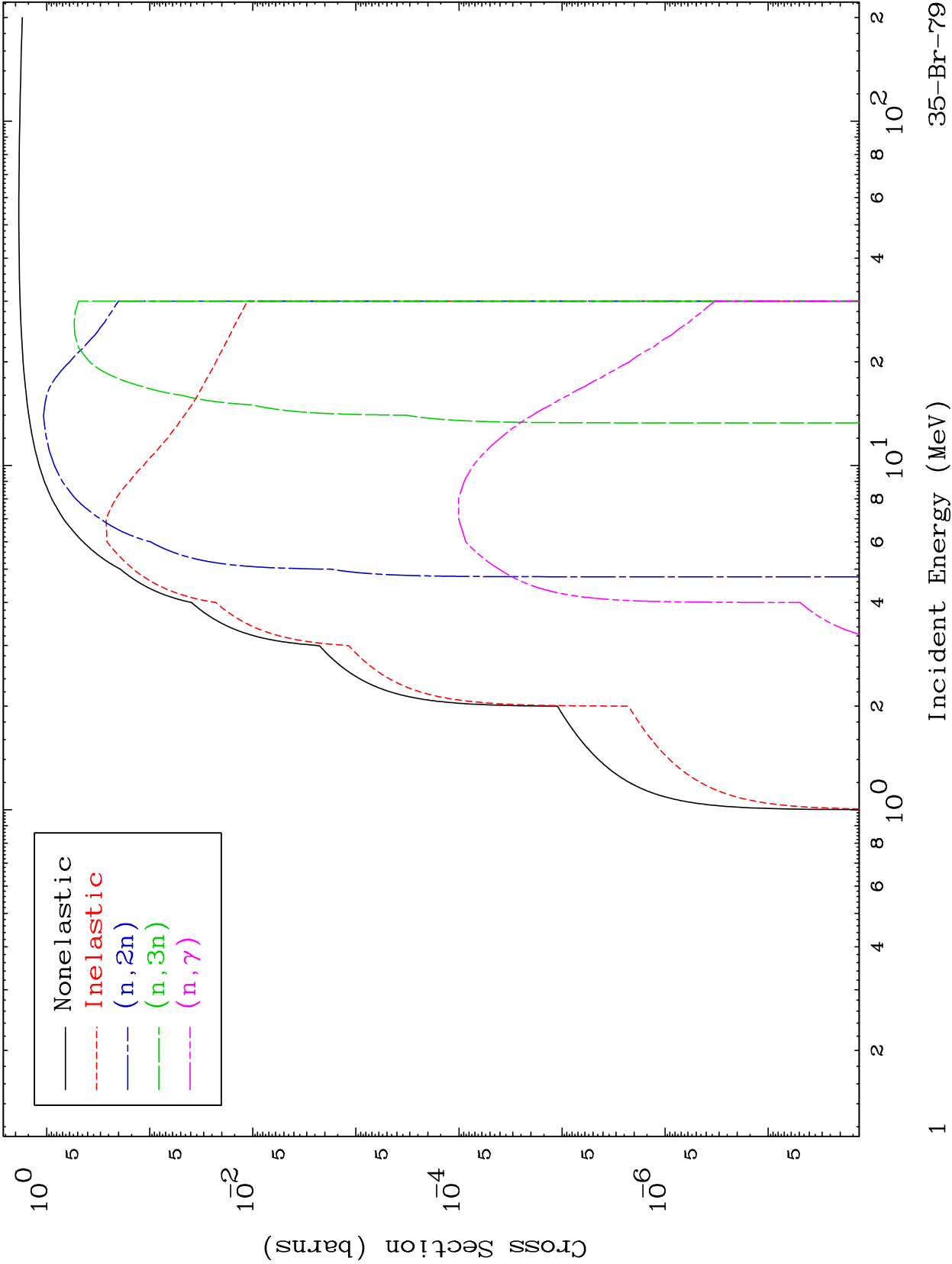
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

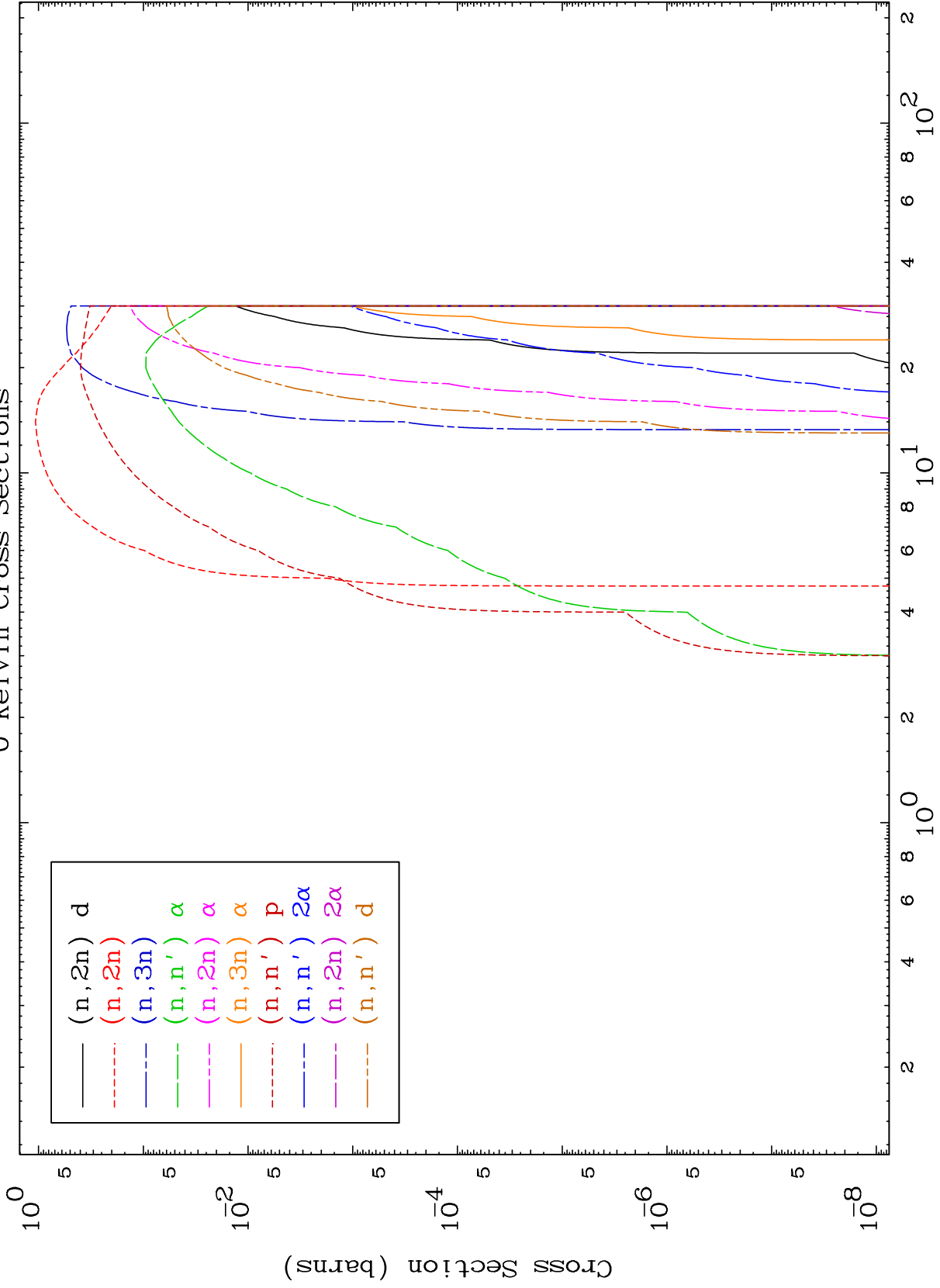
Tele: 925-443-1911

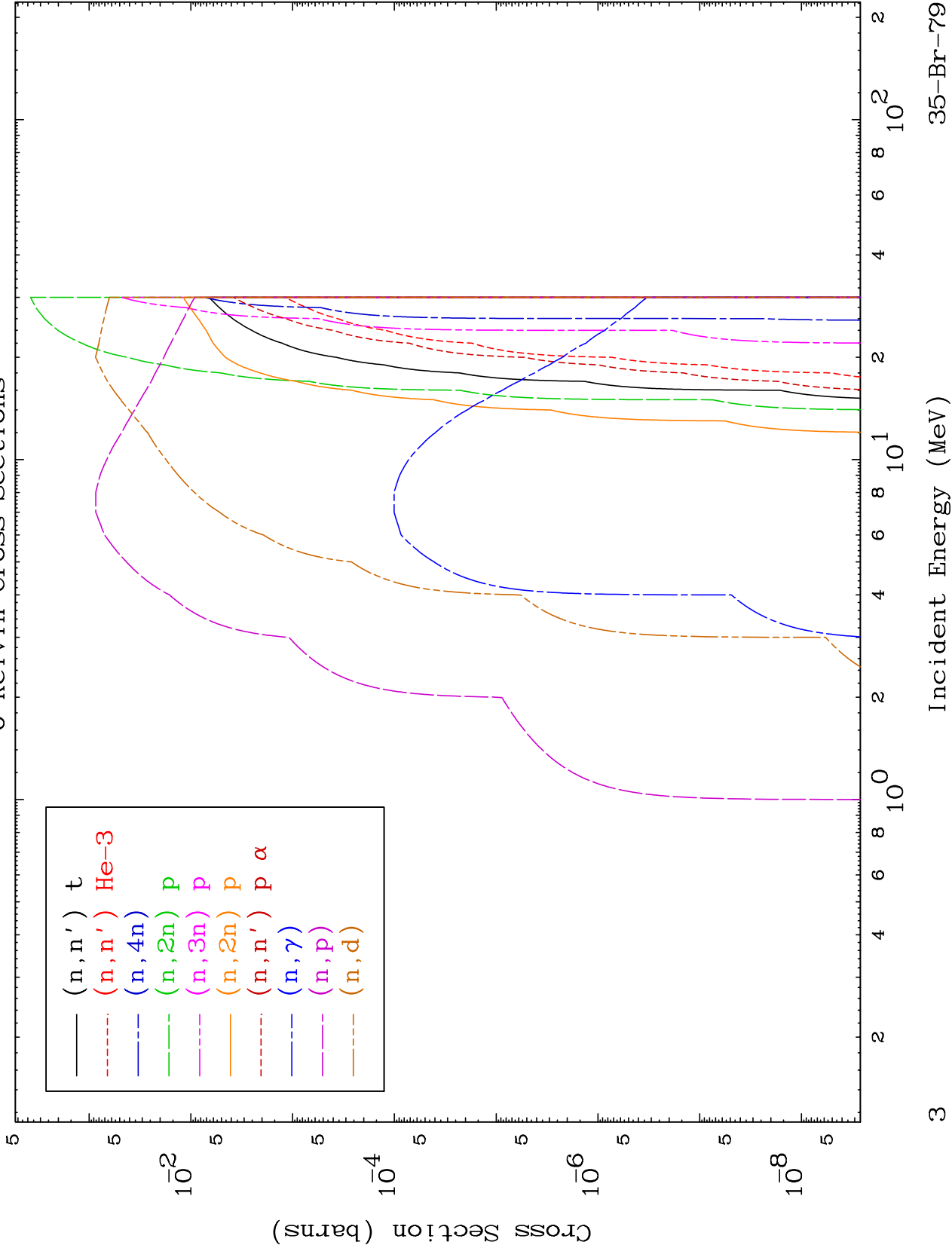
E.Mail:redcullen1@comcast.net

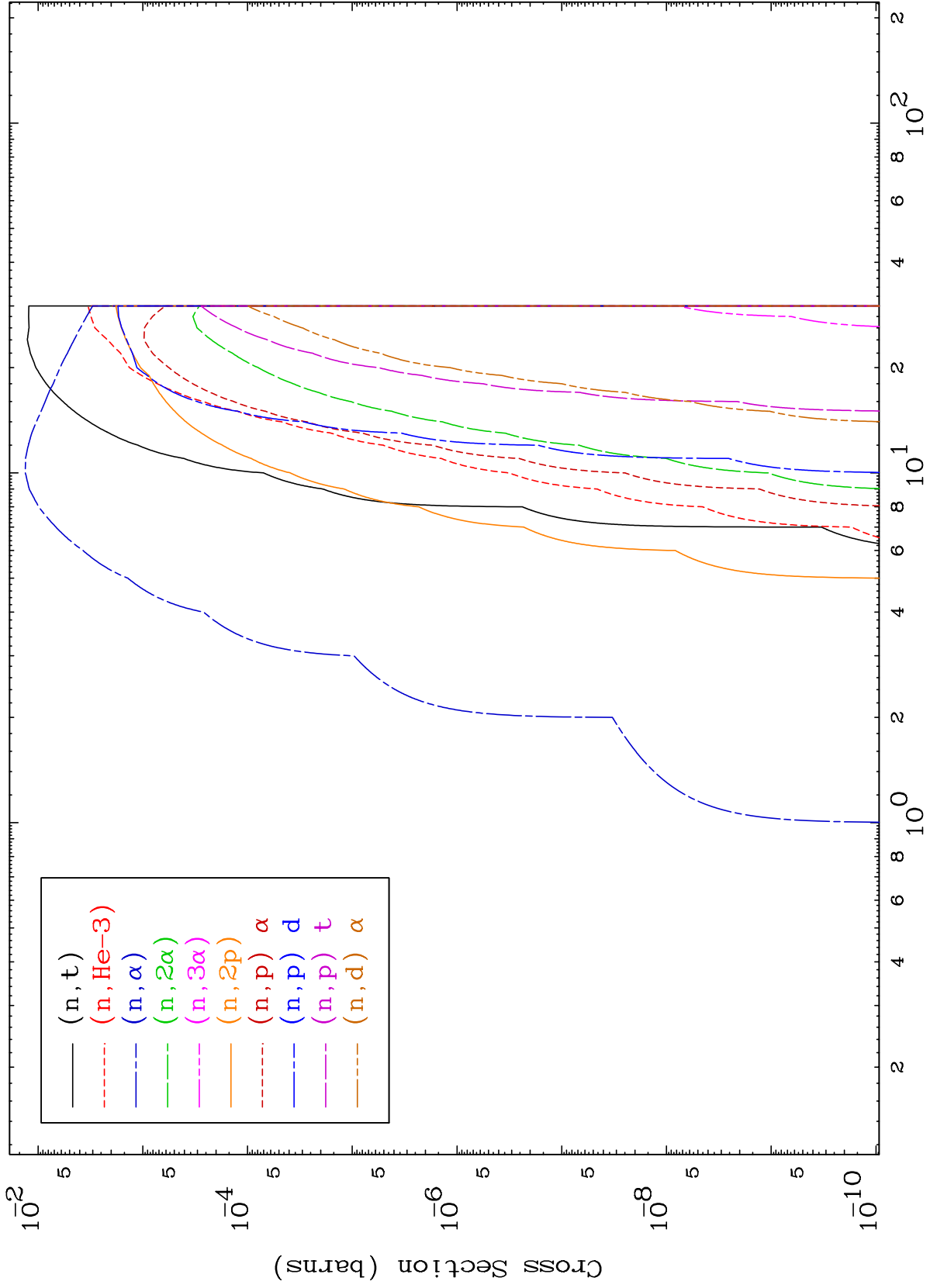
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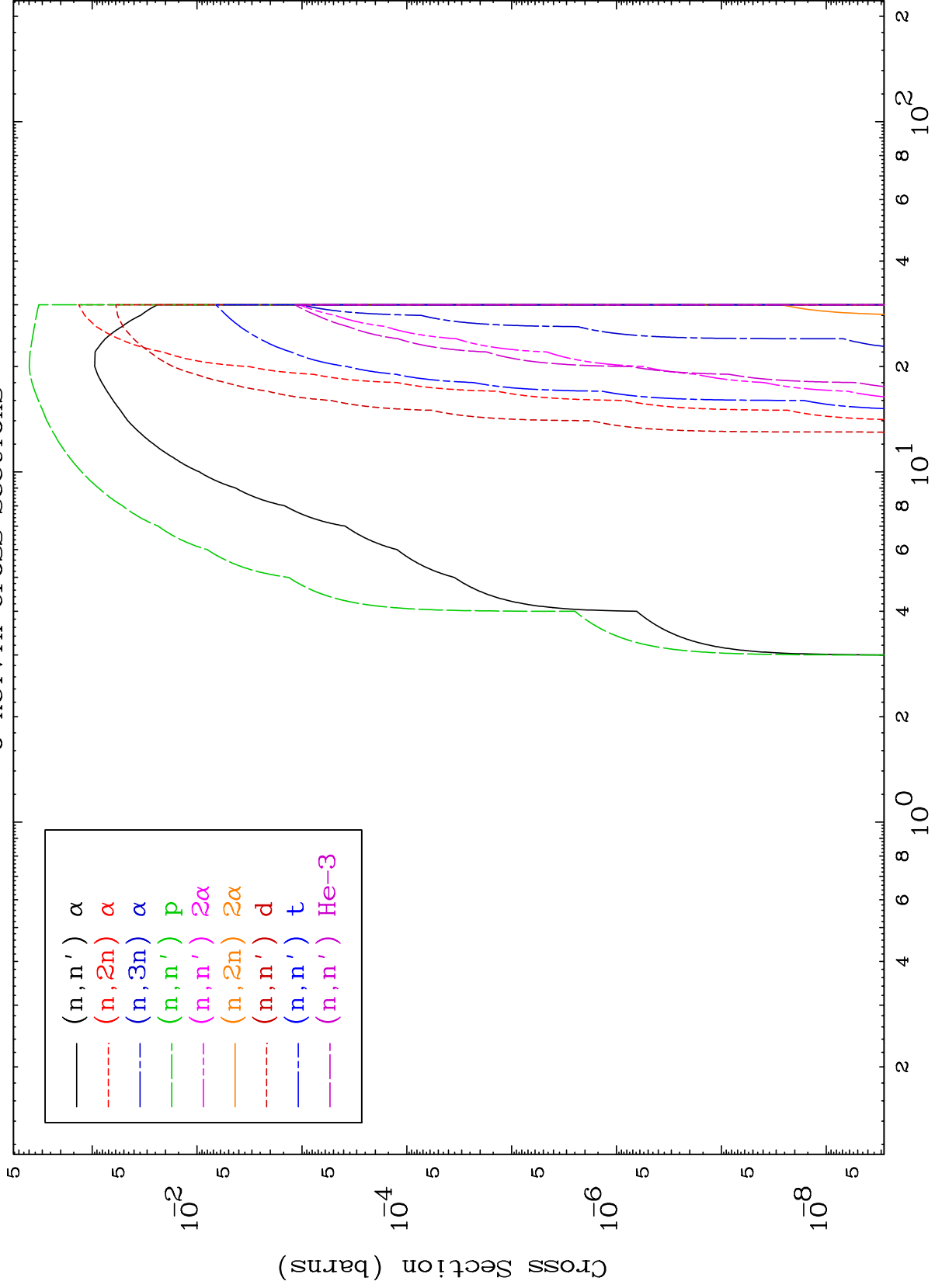
Press Mouse Button to Start







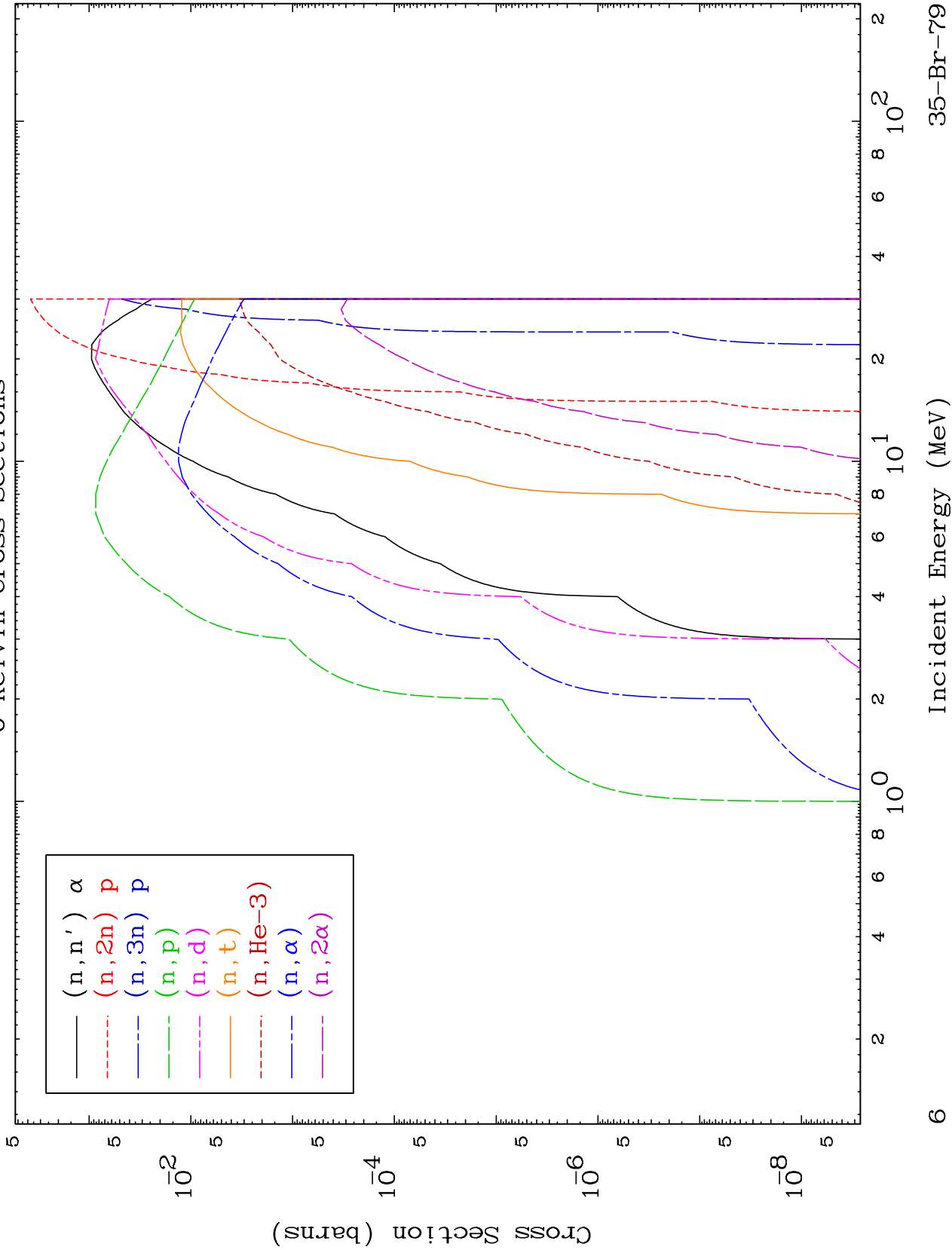


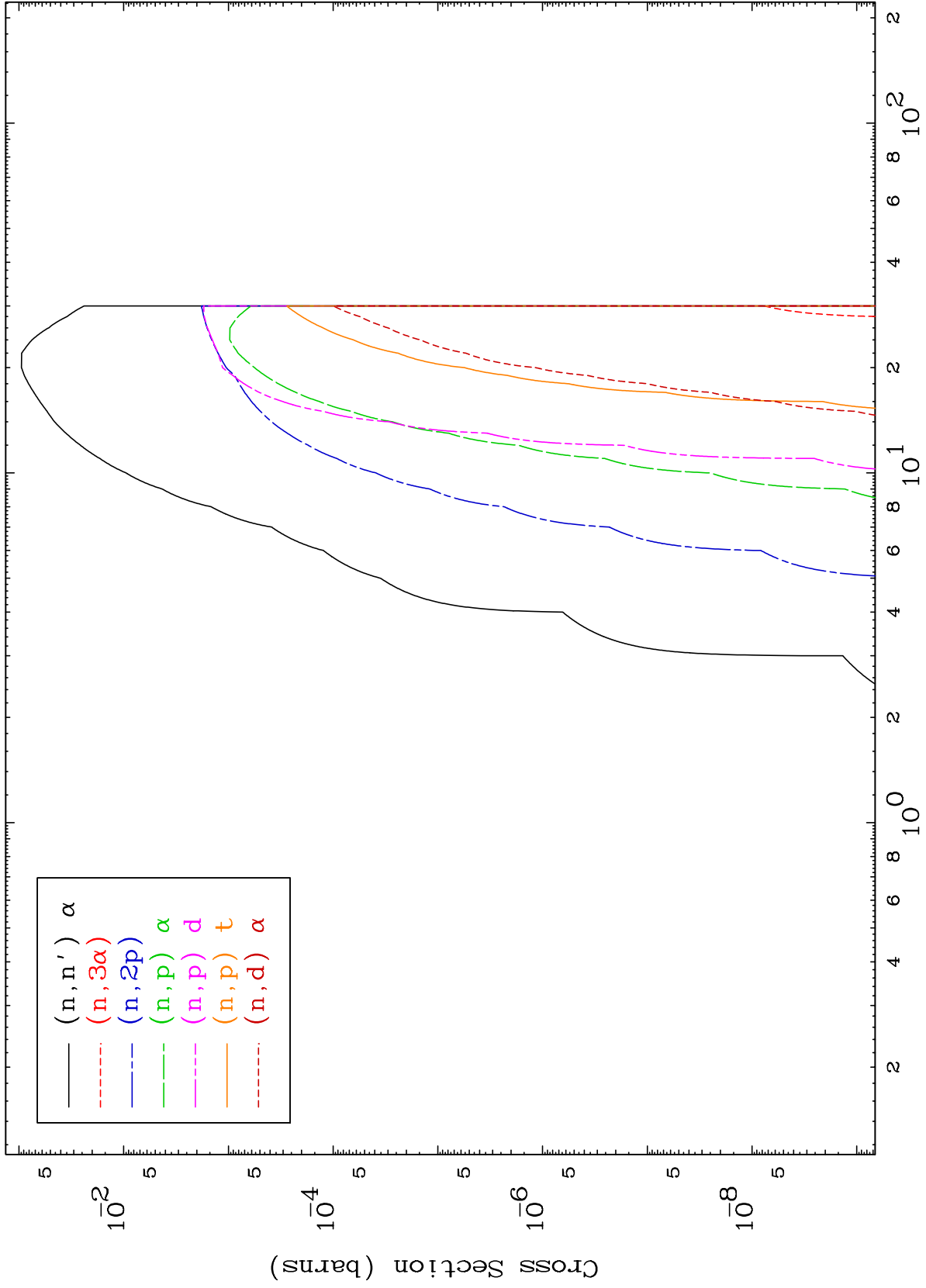


MAT 3525

Deuteron Charged Particle  
0 Kelvin Cross Sections

35-Br-79

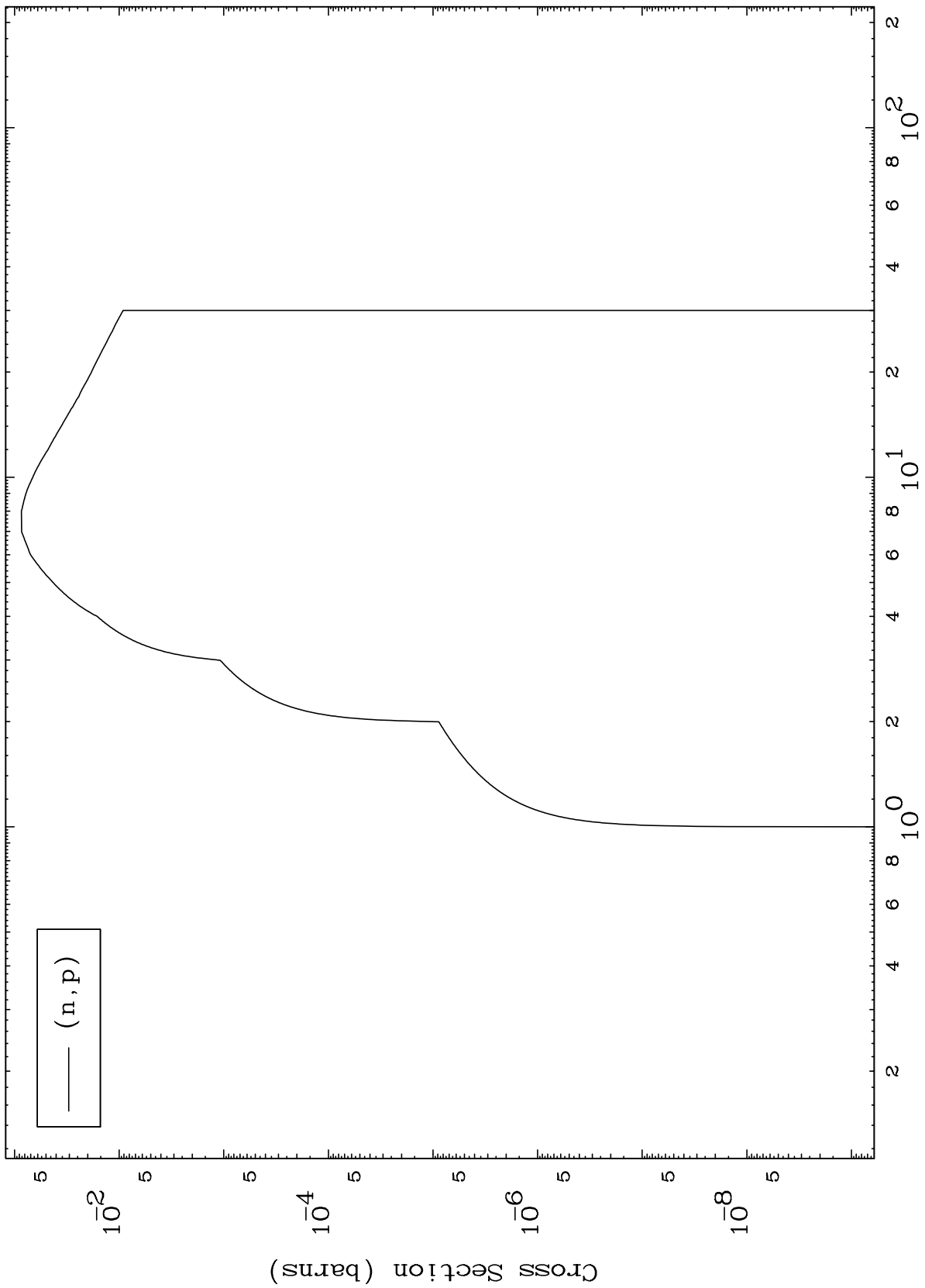




MAT 3525

35-Br-79

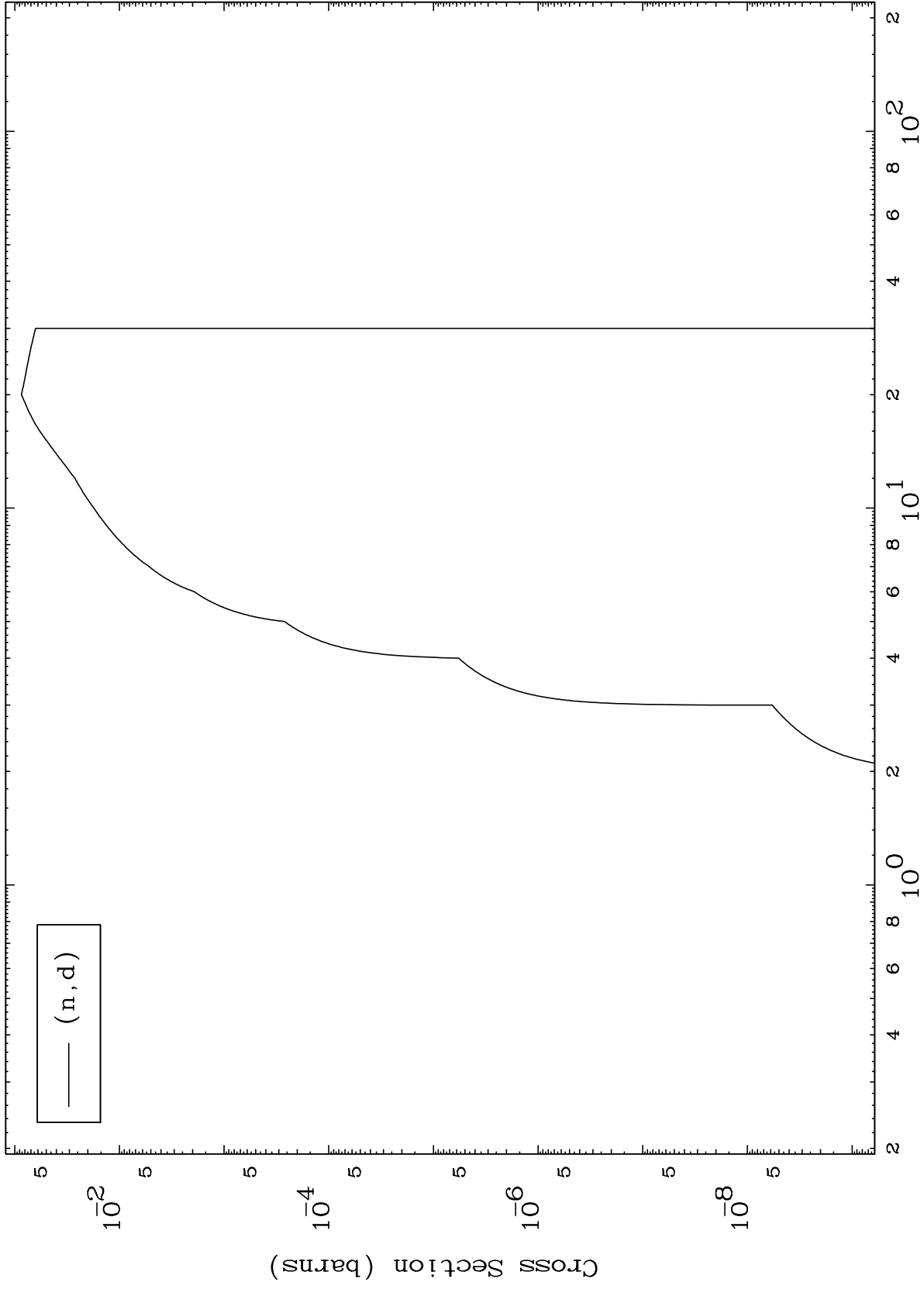
(d,p) Levels  
0 Kelvin Cross Sections



MAT 3525

(d,d) Levels  
0 Kelvin Cross Sections

<sup>35</sup>Br-79



9

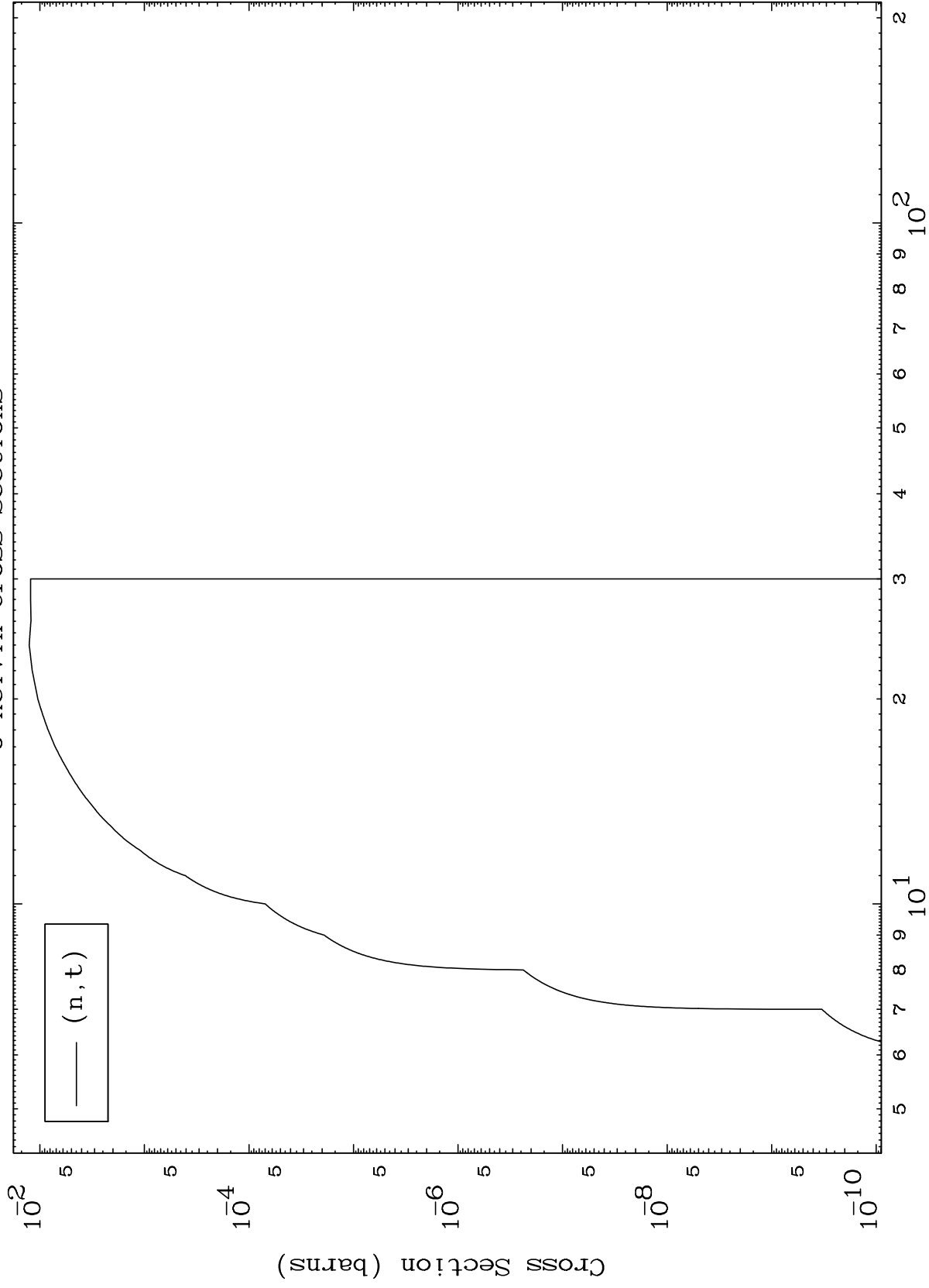
Incident Energy (MeV)

<sup>35</sup>Br-79

MAT 3525

(d,t) Levels  
0 Kelvin Cross Sections

35-Br-79



Incident Energy (MeV)

35-Br-79

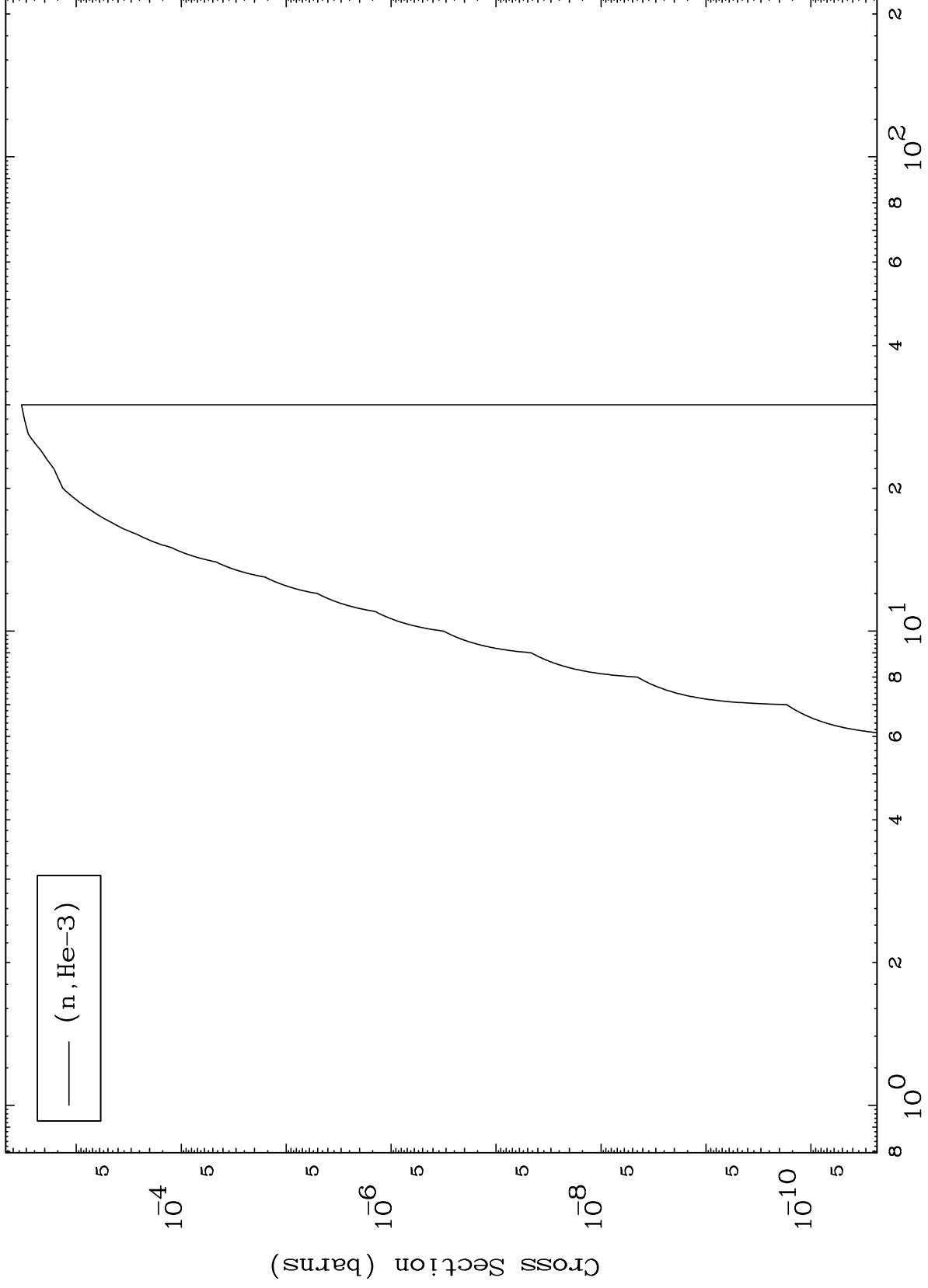
10

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(d,He3) Levels

35-Br-79

0 Kelvin Cross Sections



11

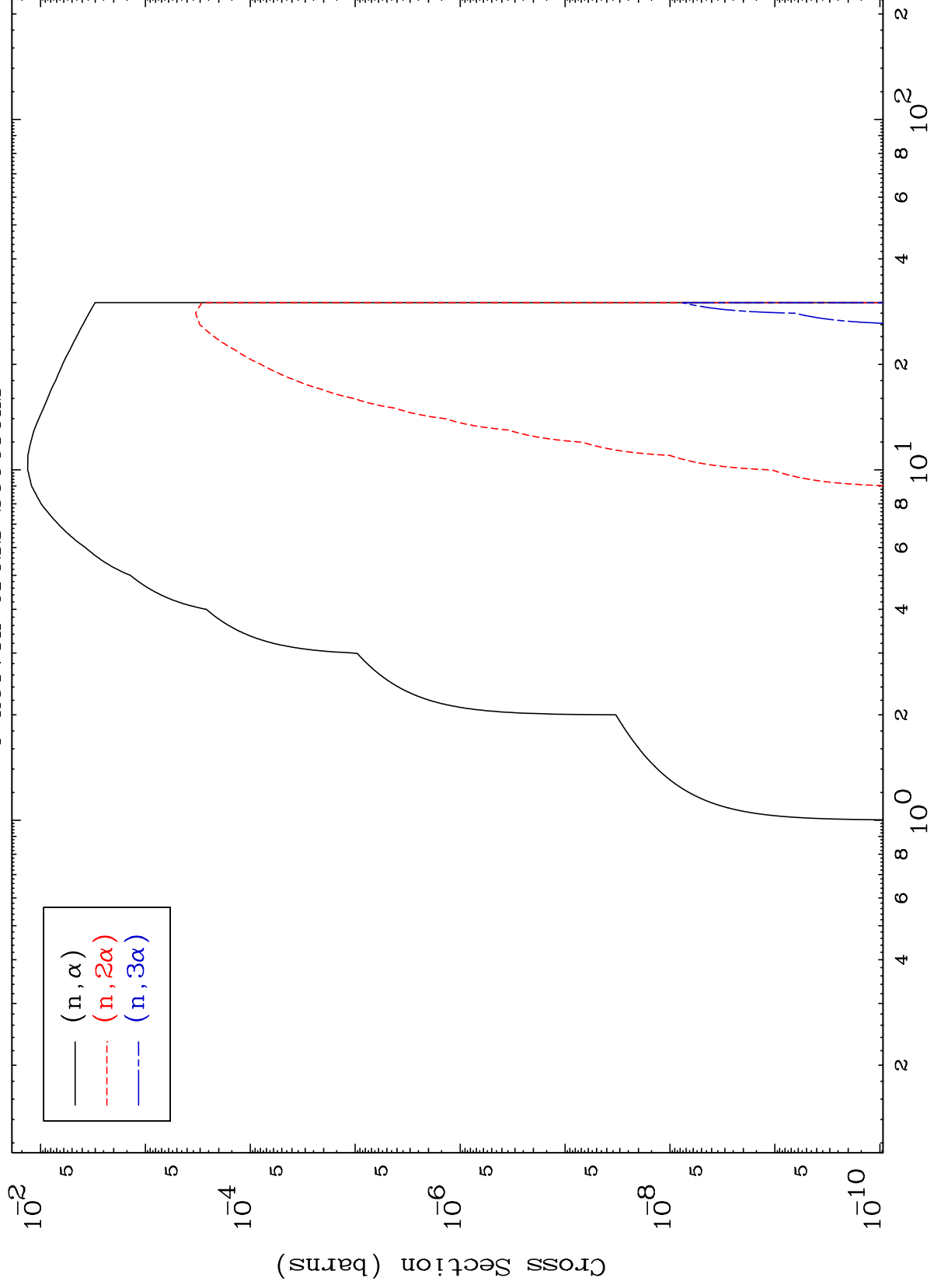
Incident Energy (MeV)

35-Br-79

MAT 3525

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

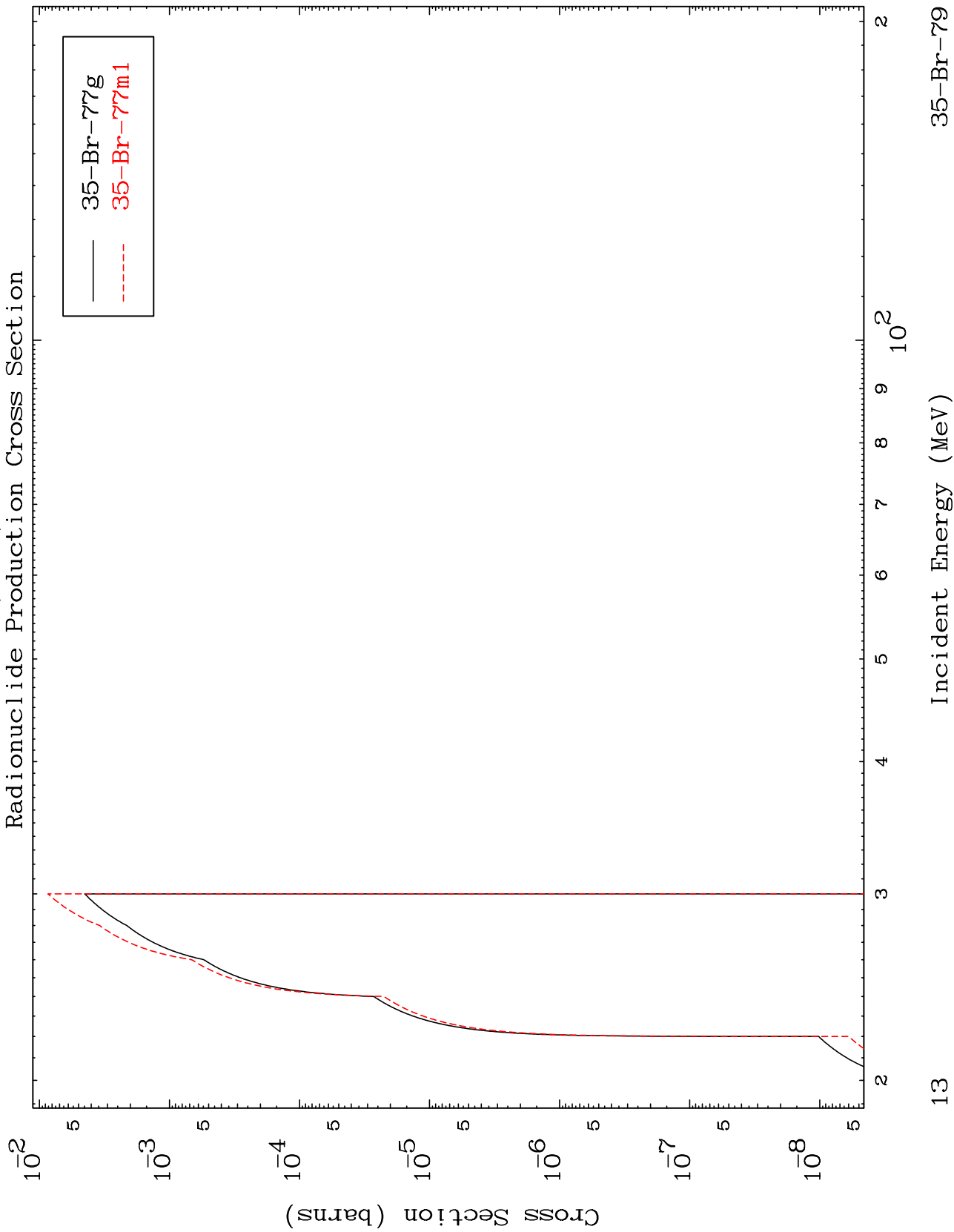
$^{35}\text{Br-79}$



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(n,2n) d

<sup>35</sup>Br-79



13

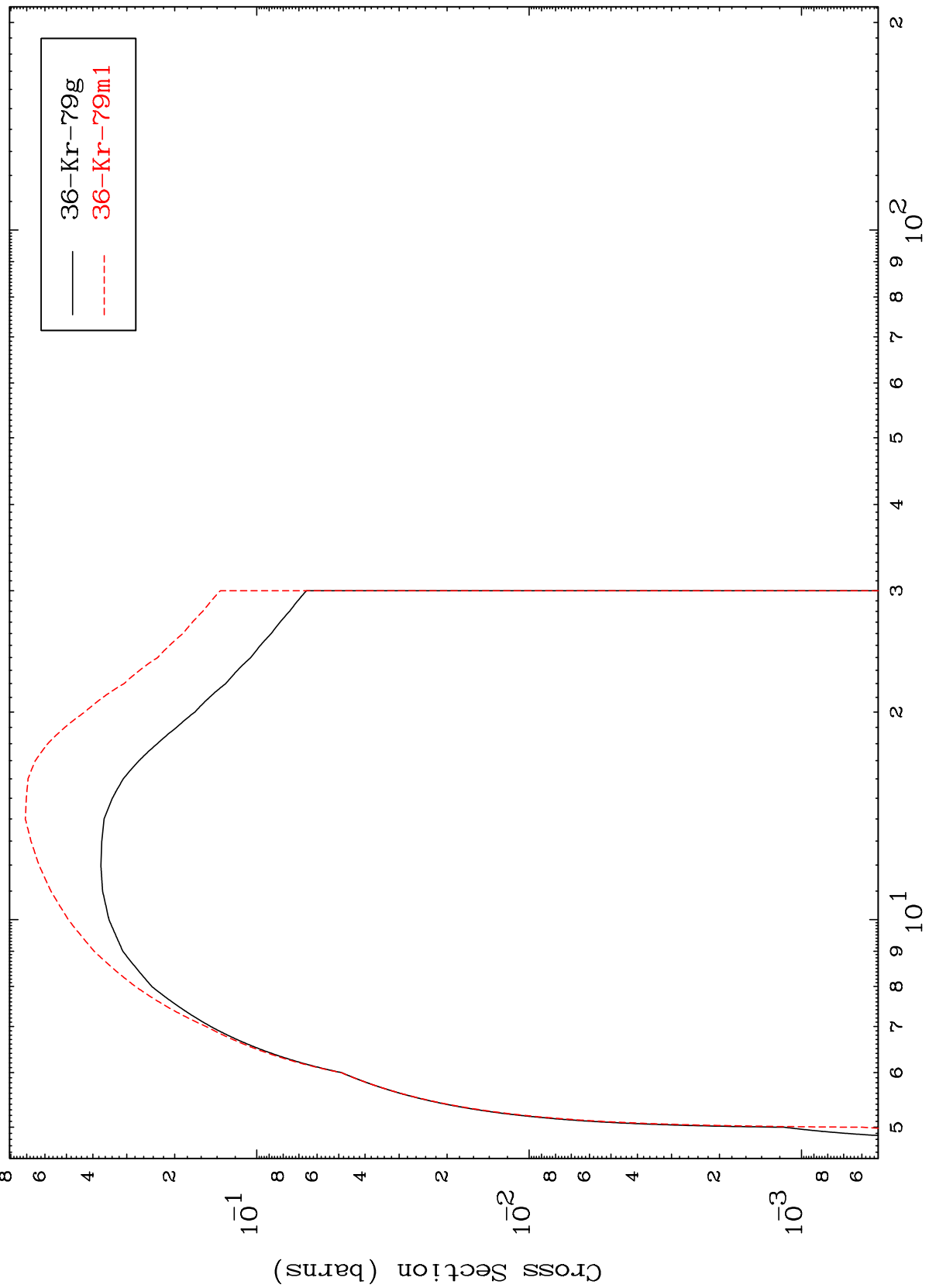
Incident Energy (MeV)

<sup>35</sup>Br-79

MAT 3525

<sup>35</sup>Br-79

(n,2n)  
Radionuclide Production Cross Section



<sup>35</sup>Br-79

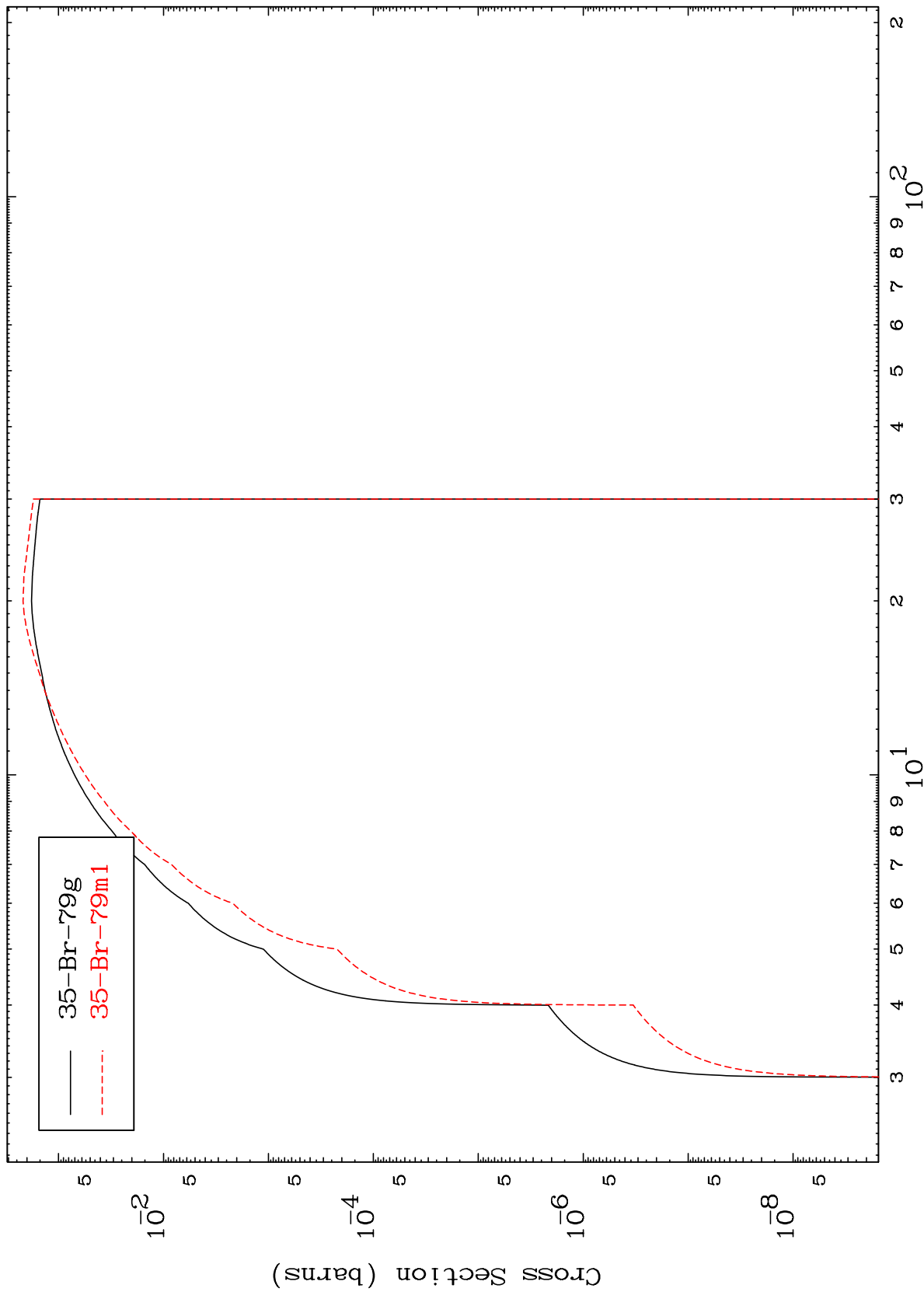
Incident Energy (MeV)

14

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<sup>35</sup>Br-79

(n,n') p  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

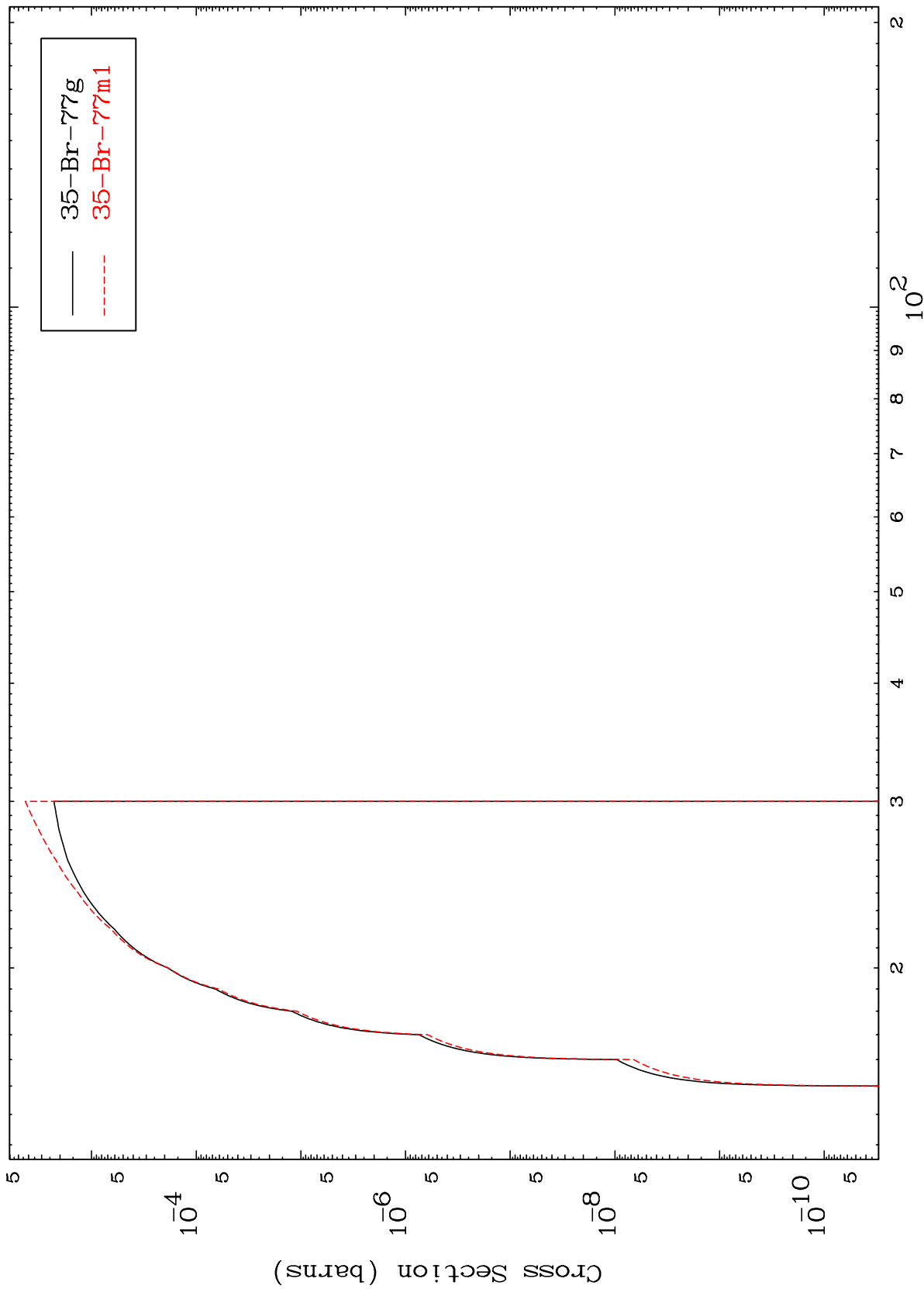
<sup>35</sup>Br-79

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(n,n') t

35-Br-79

Radionuclide Production Cross Section



16

Incident Energy (MeV)

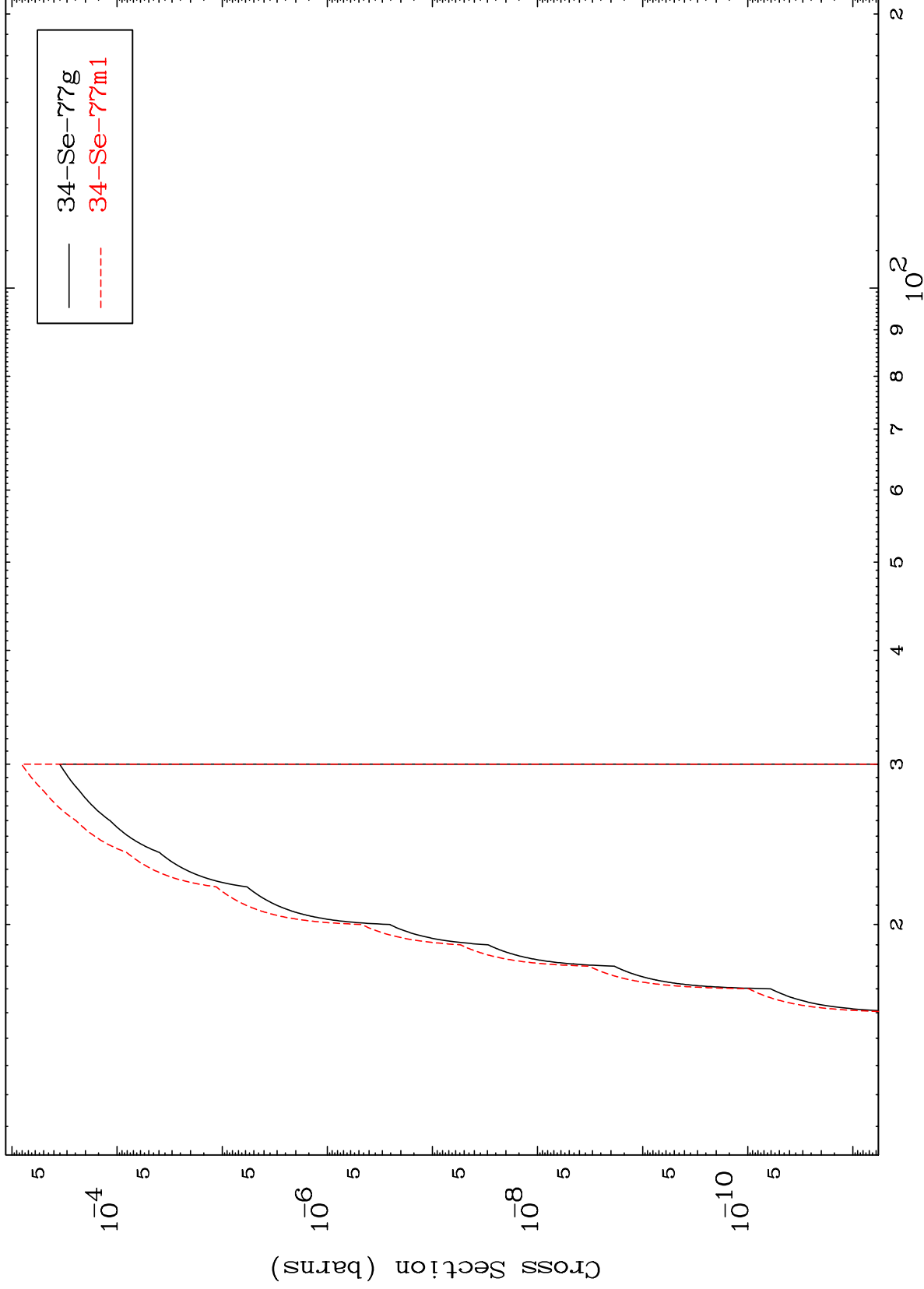
35-Br-79

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(n,n') He-3

35-Br-79

Radionuclide Production Cross Section



17

Incident Energy (MeV)

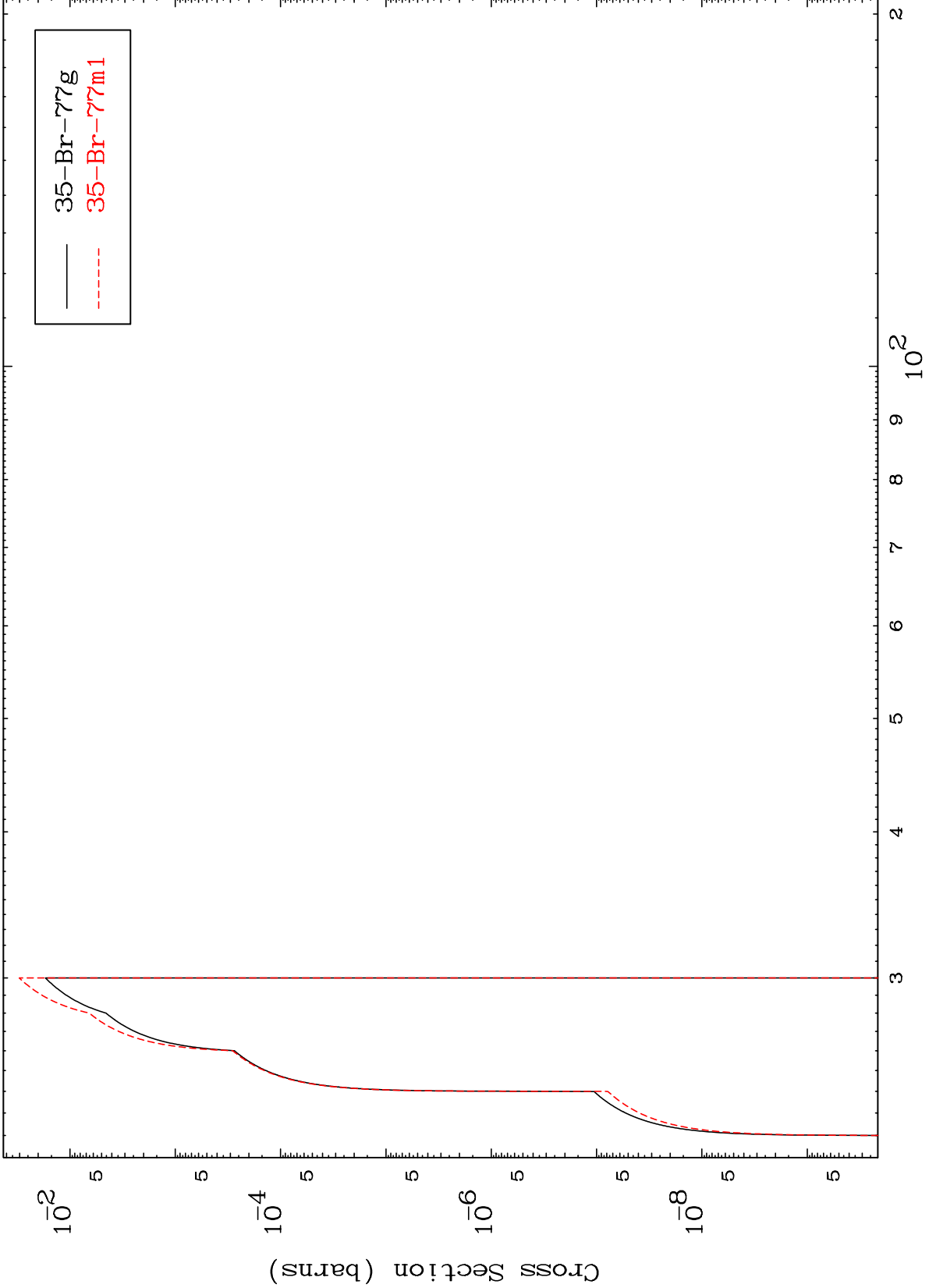
35-Br-79

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(n,3n) p

<sup>35</sup>Br-79

Radionuclide Production Cross Section



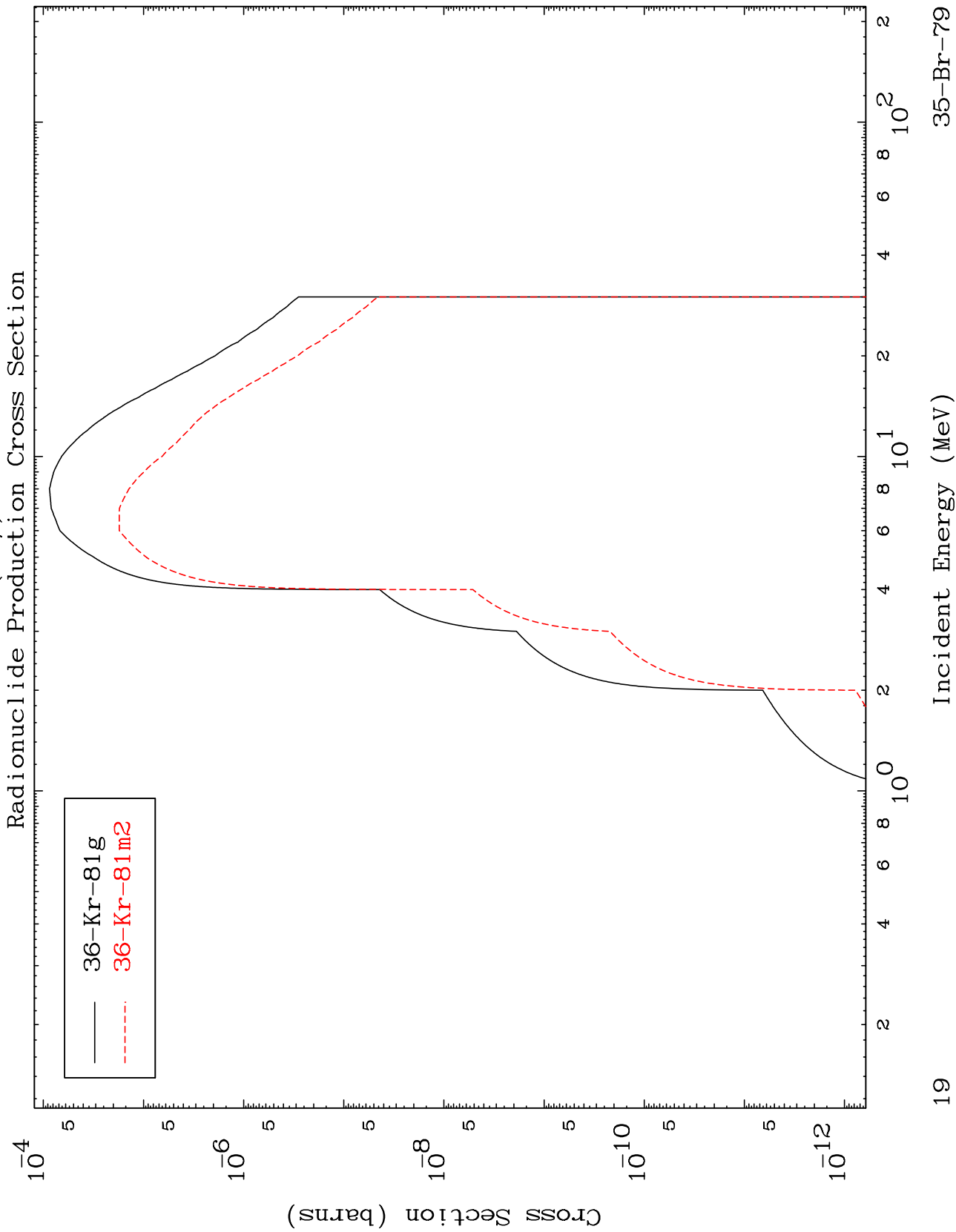
18

Incident Energy (MeV)

<sup>35</sup>Br-79

MAT 3525

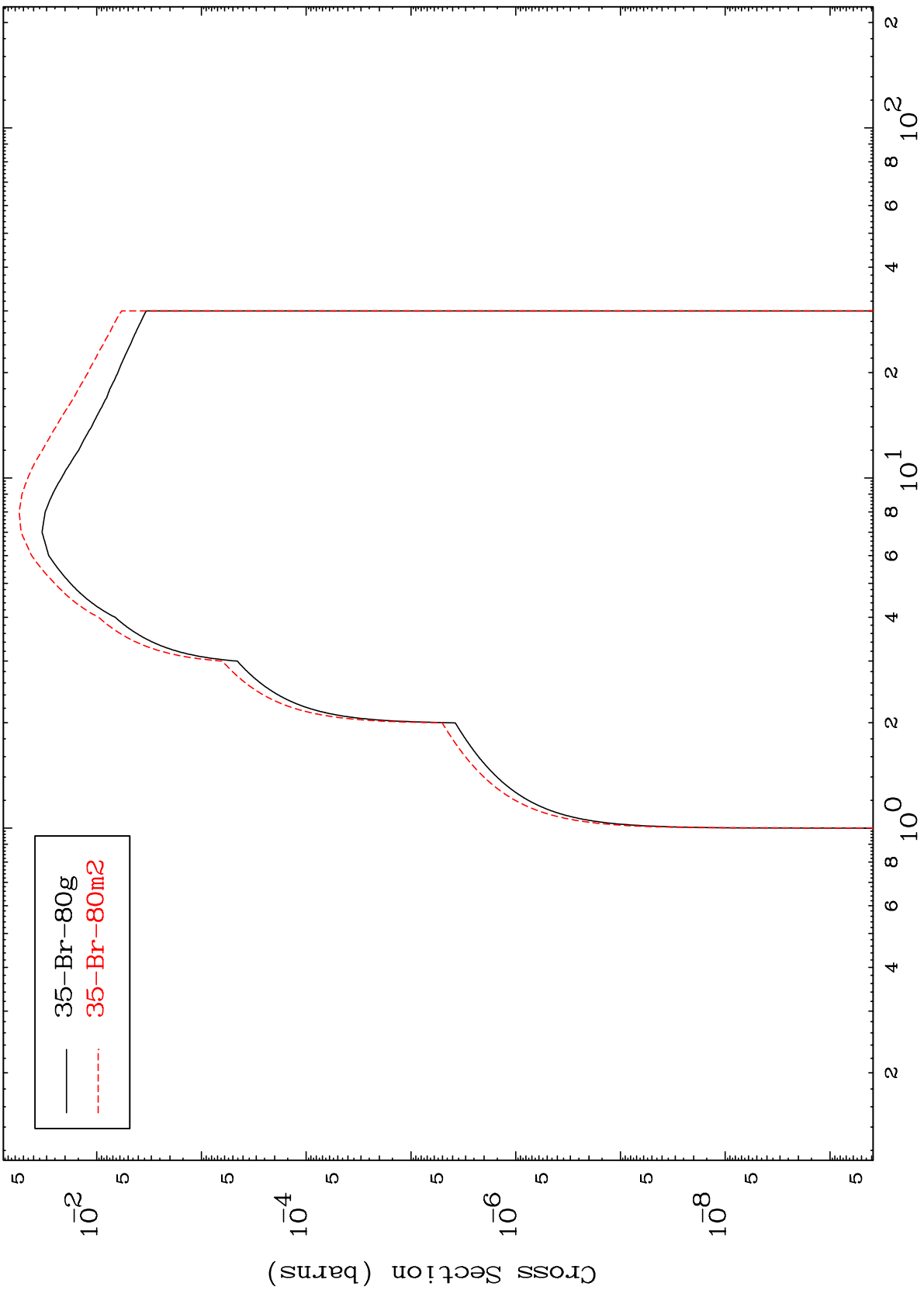
<sup>35</sup>Br-79



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<sup>35</sup>Br-79

(n,p)  
Radionuclide Production Cross Section



20

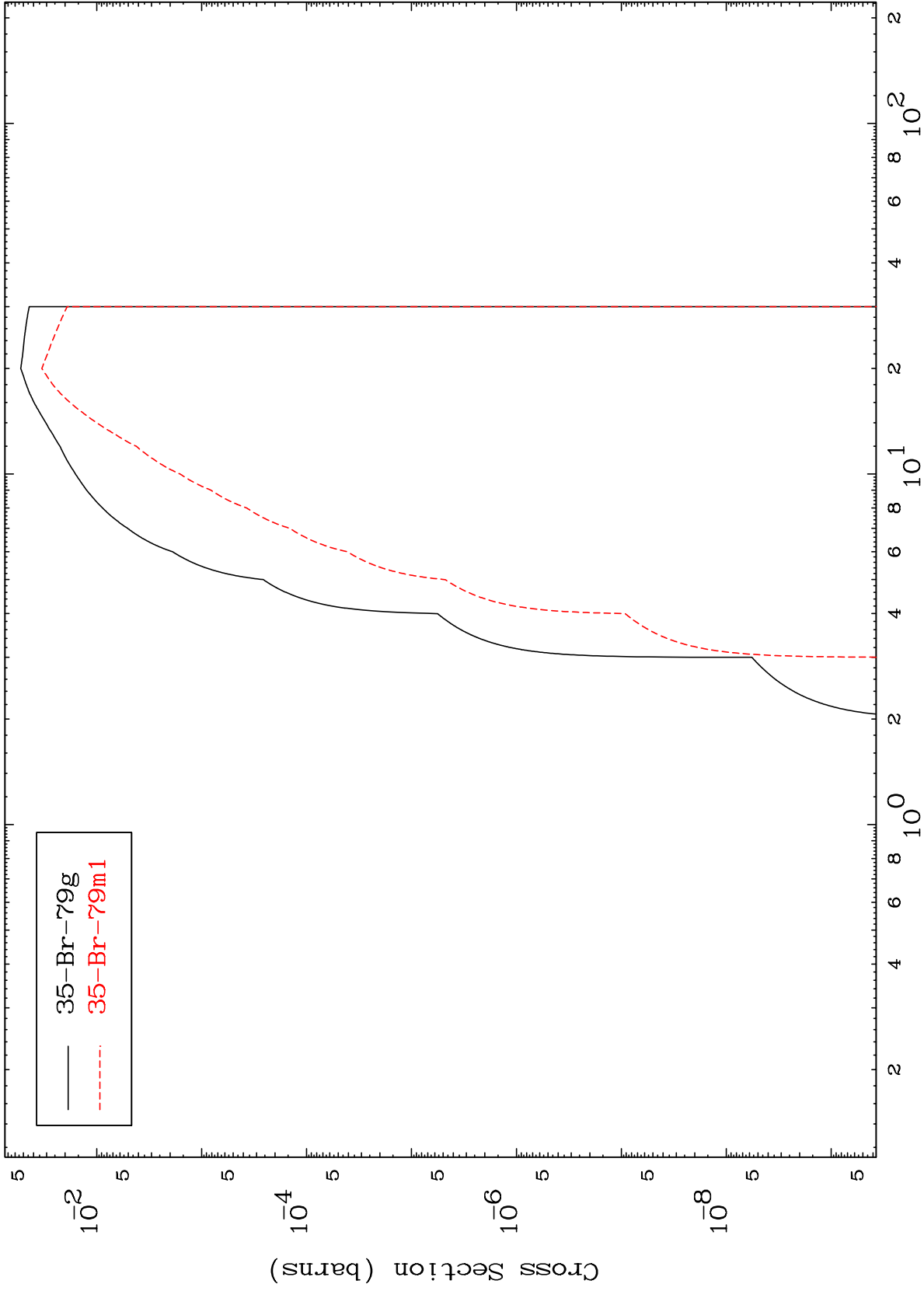
<sup>35</sup>Br-79

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(n,d)

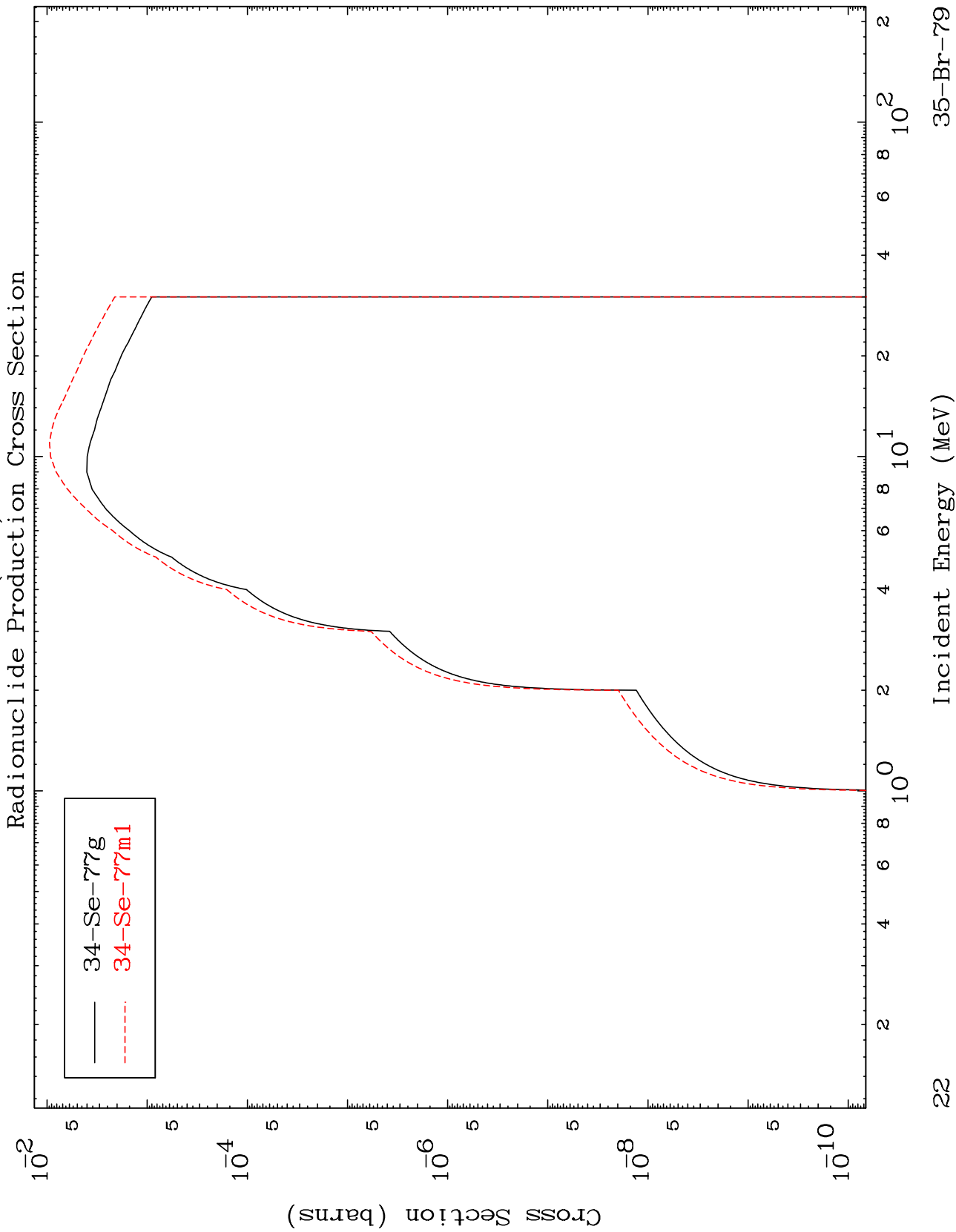
<sup>35</sup>Br-79

Radionuclide Production Cross Section



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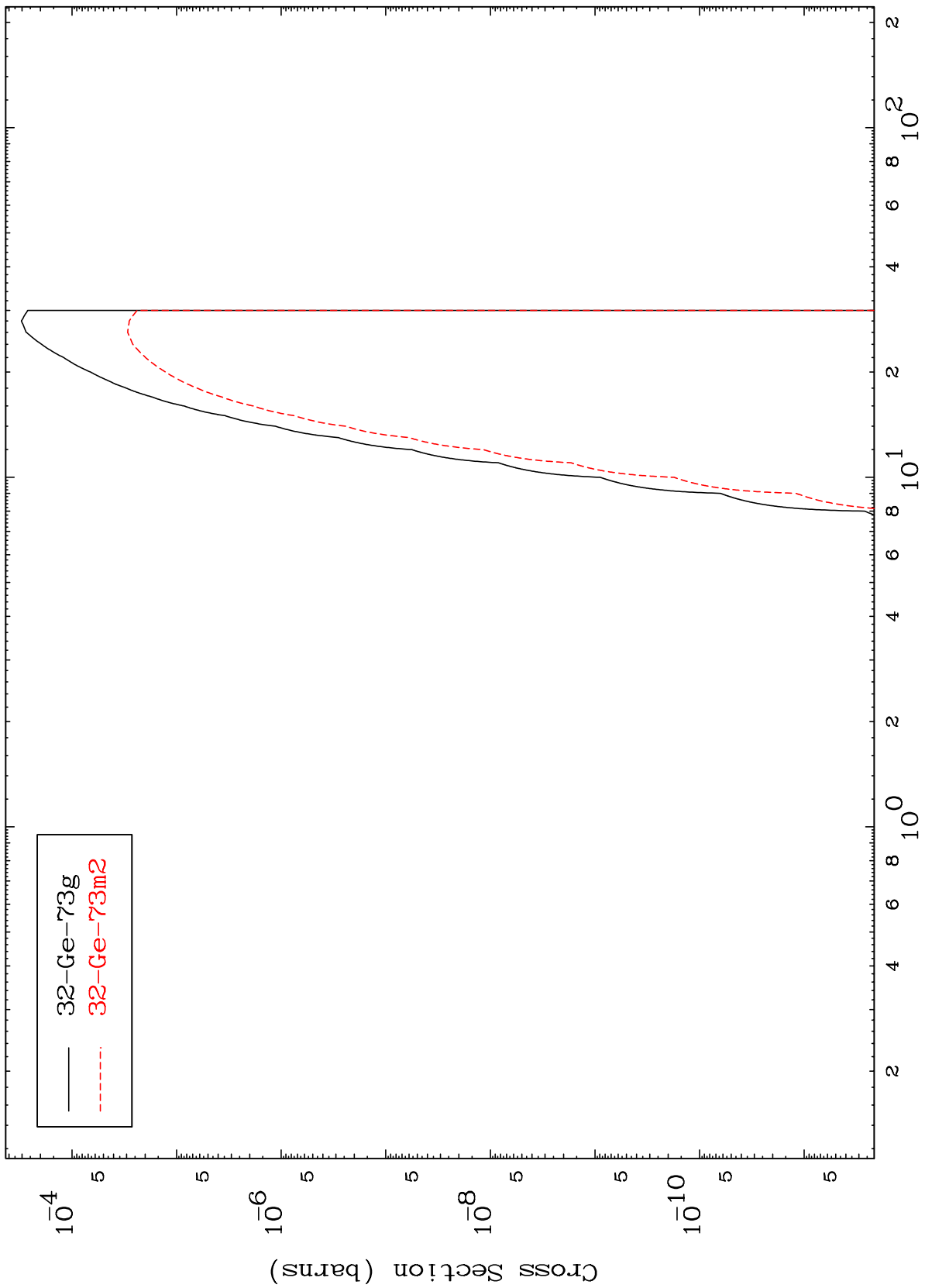
<sup>35</sup>Br-79



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<sup>35</sup>Br-79

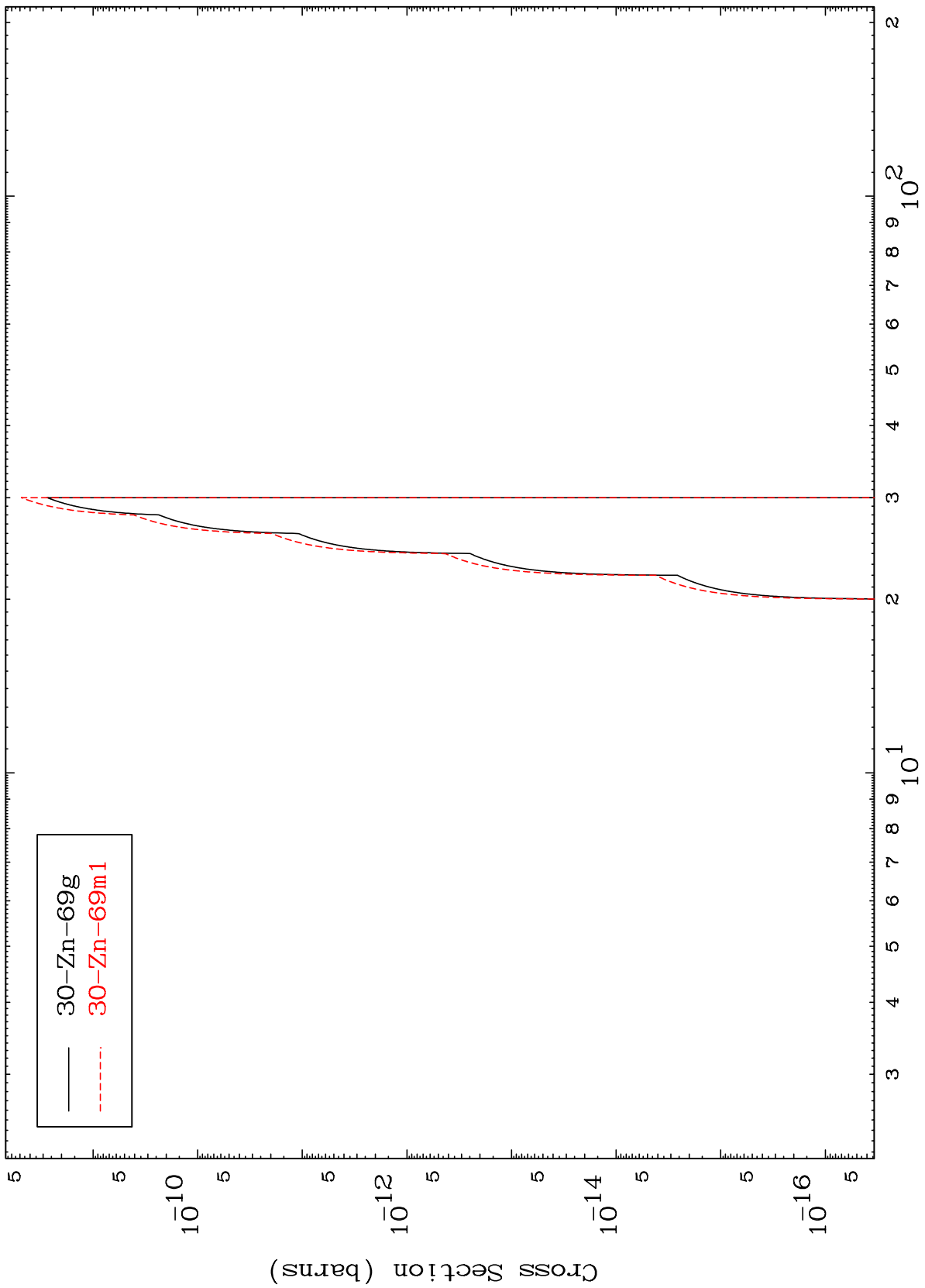
(n,2α)  
Radionuclide Production Cross Section



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<sup>35</sup>Br-79

(n, 3α)  
Radionuclide Production Cross Section



24

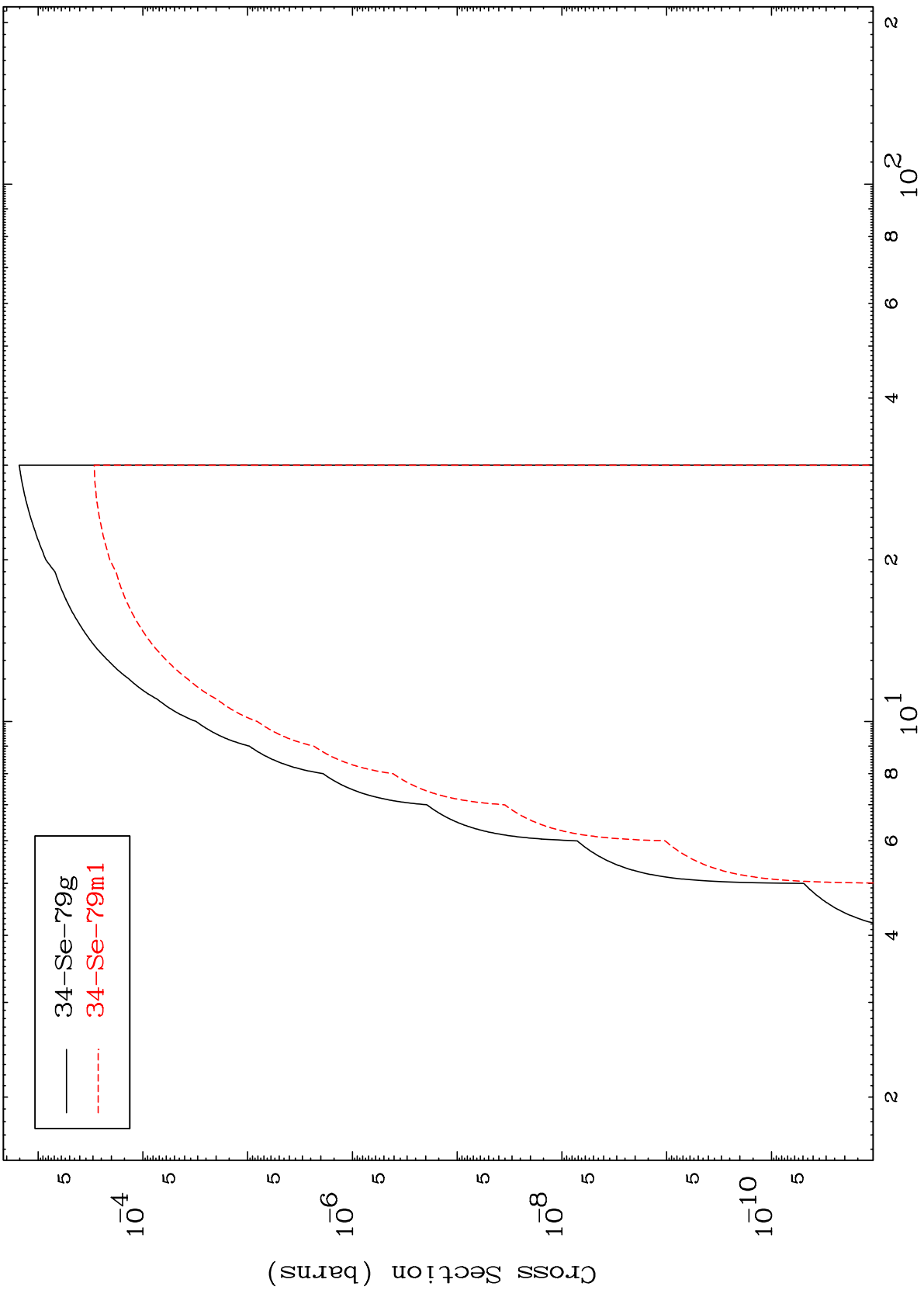
Incident Energy (MeV)

<sup>35</sup>Br-79

MAT 3525

<sup>35</sup>Br-79

(n,2p)  
Radionuclide Production Cross Section



— 34-Se-79g  
- - - 34-Se-79m1

25

Incident Energy (MeV)

<sup>35</sup>Br-79

Radionuclide Production Cross Section

