

Program EVALPLOT  
(Version 2018-1)

by

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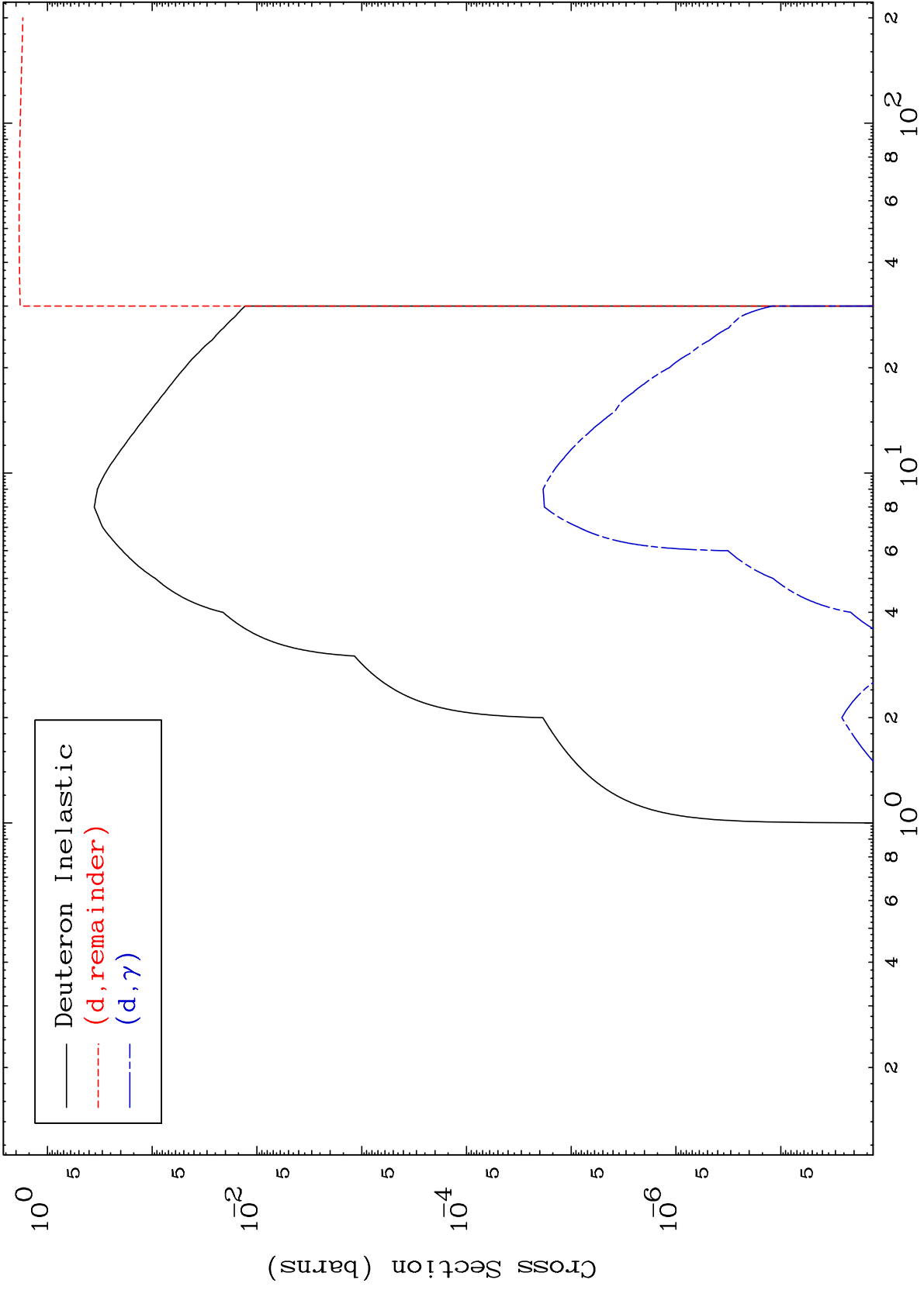
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

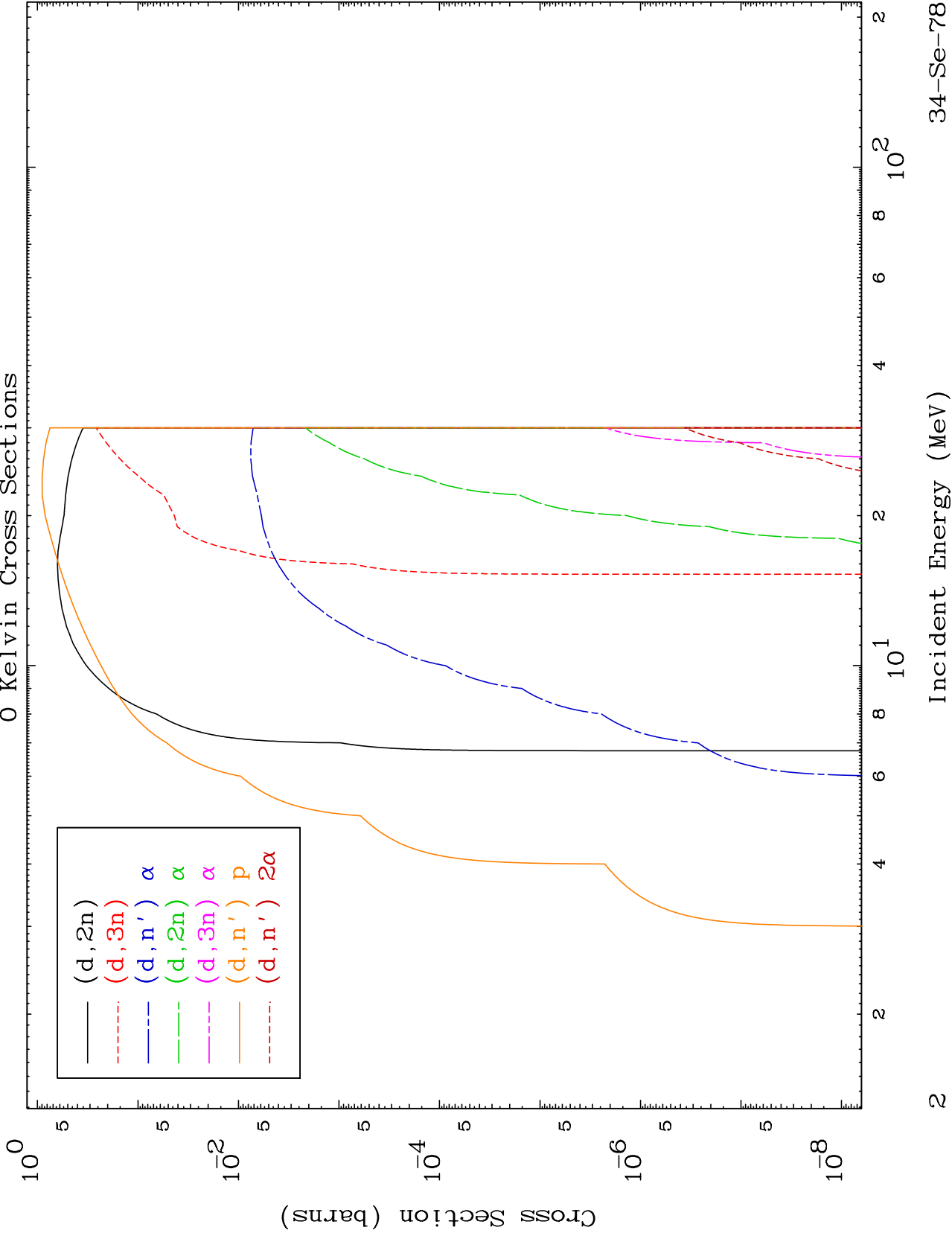
Press Mouse Button to Start

MAT 3437

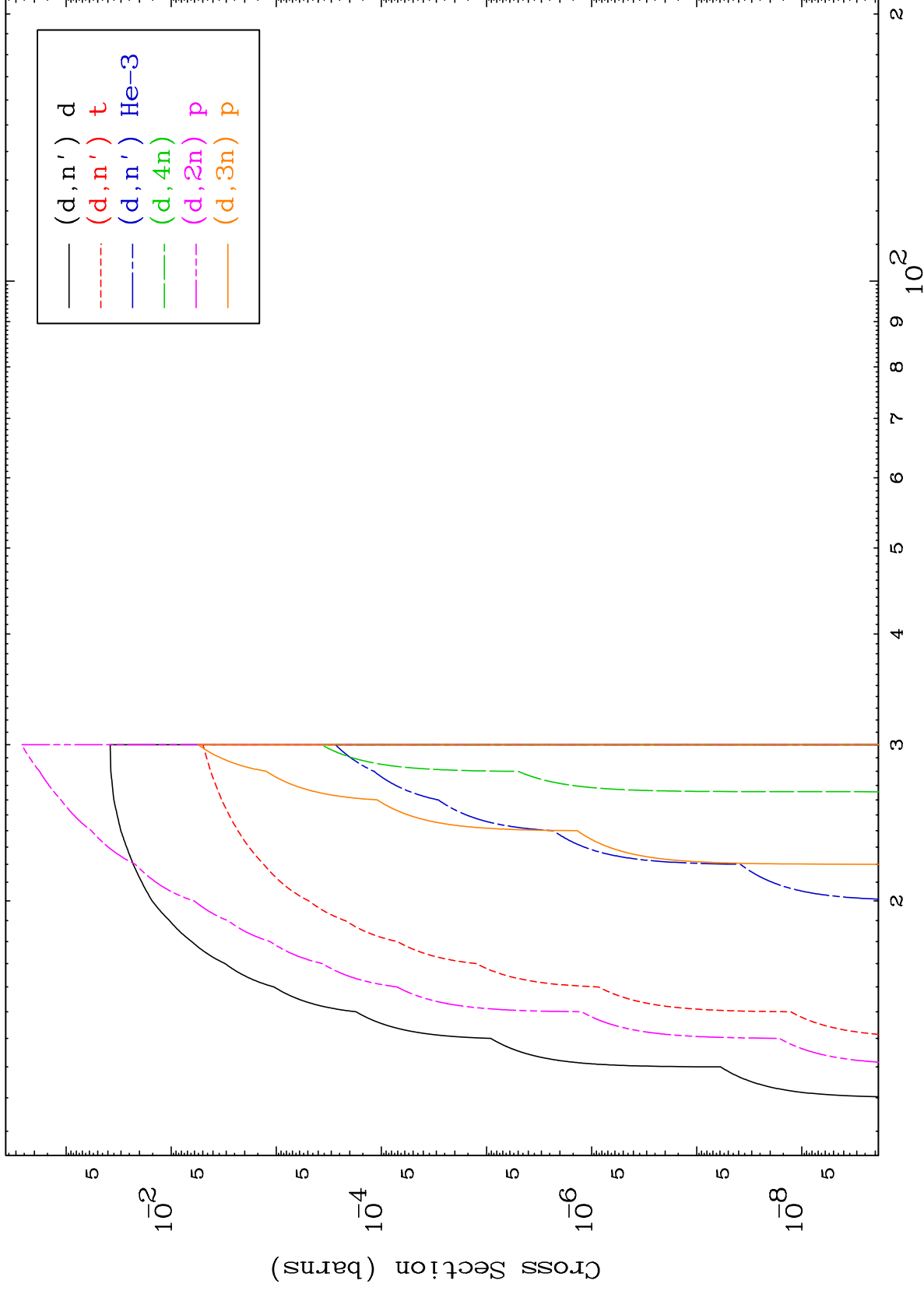
Deuteron Major  
0 Kelvin Cross Sections

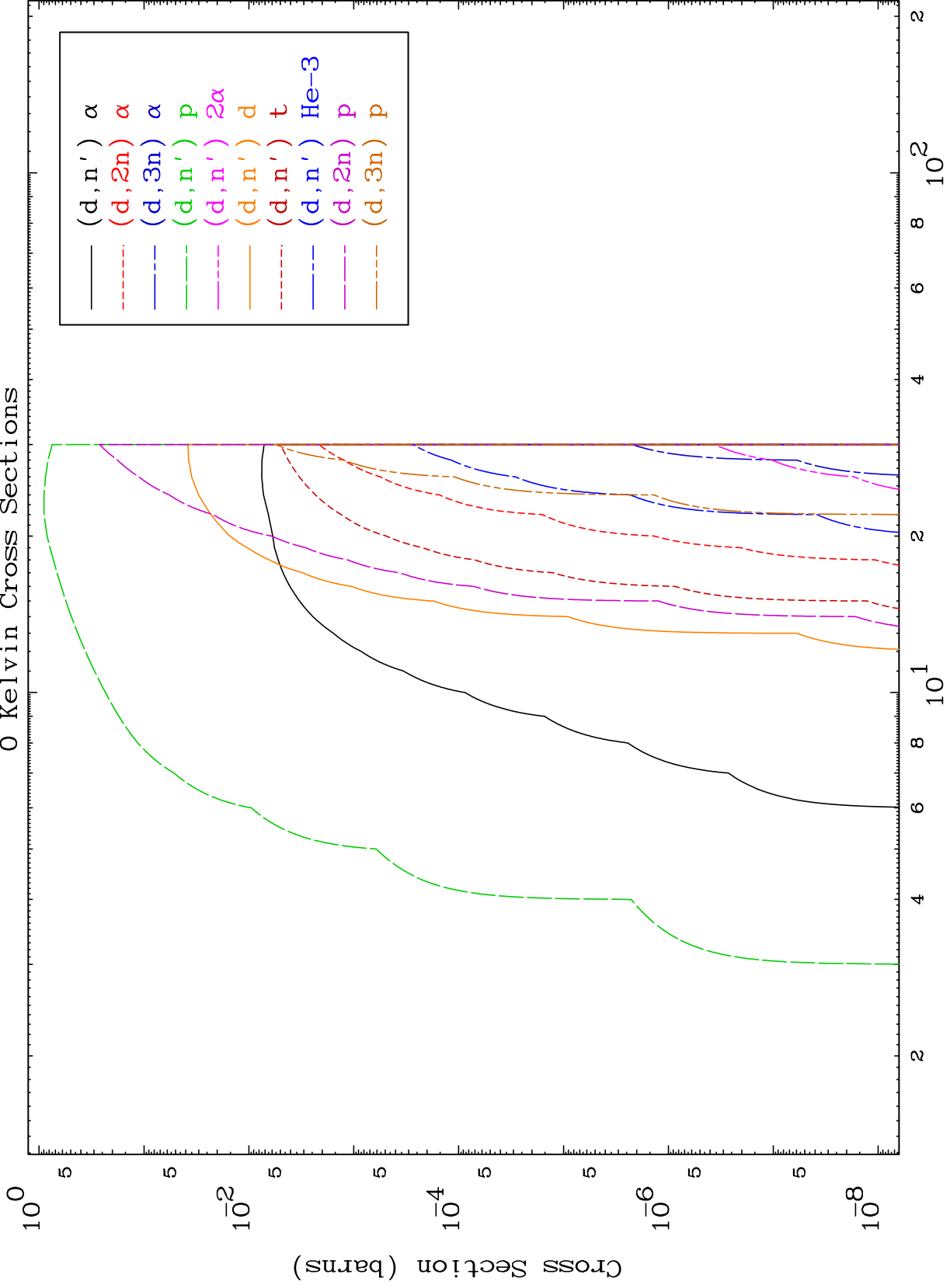
<sup>34</sup>Se-78

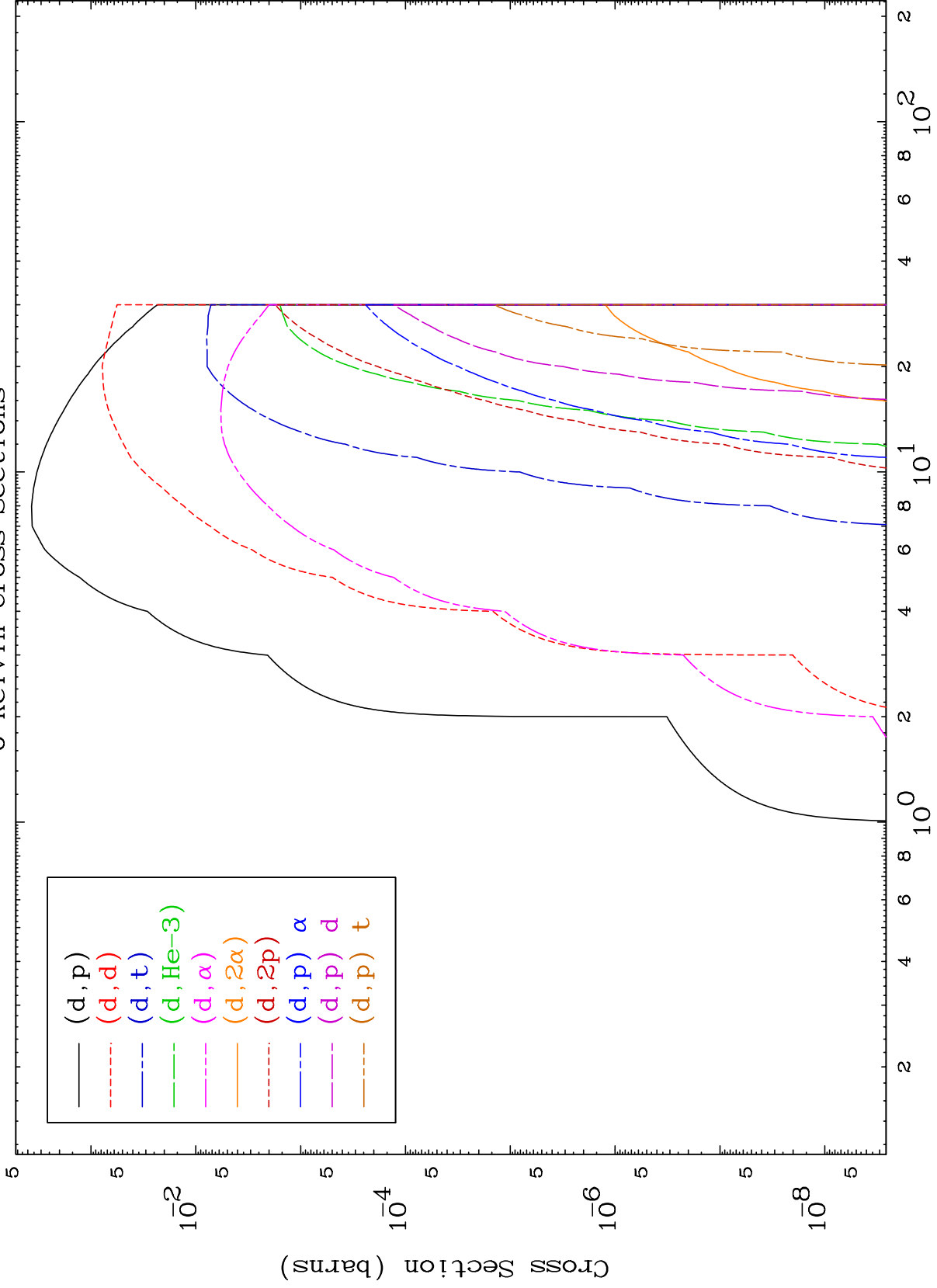




Deuteron Neutron Production  
0 Kelvin Cross Sections



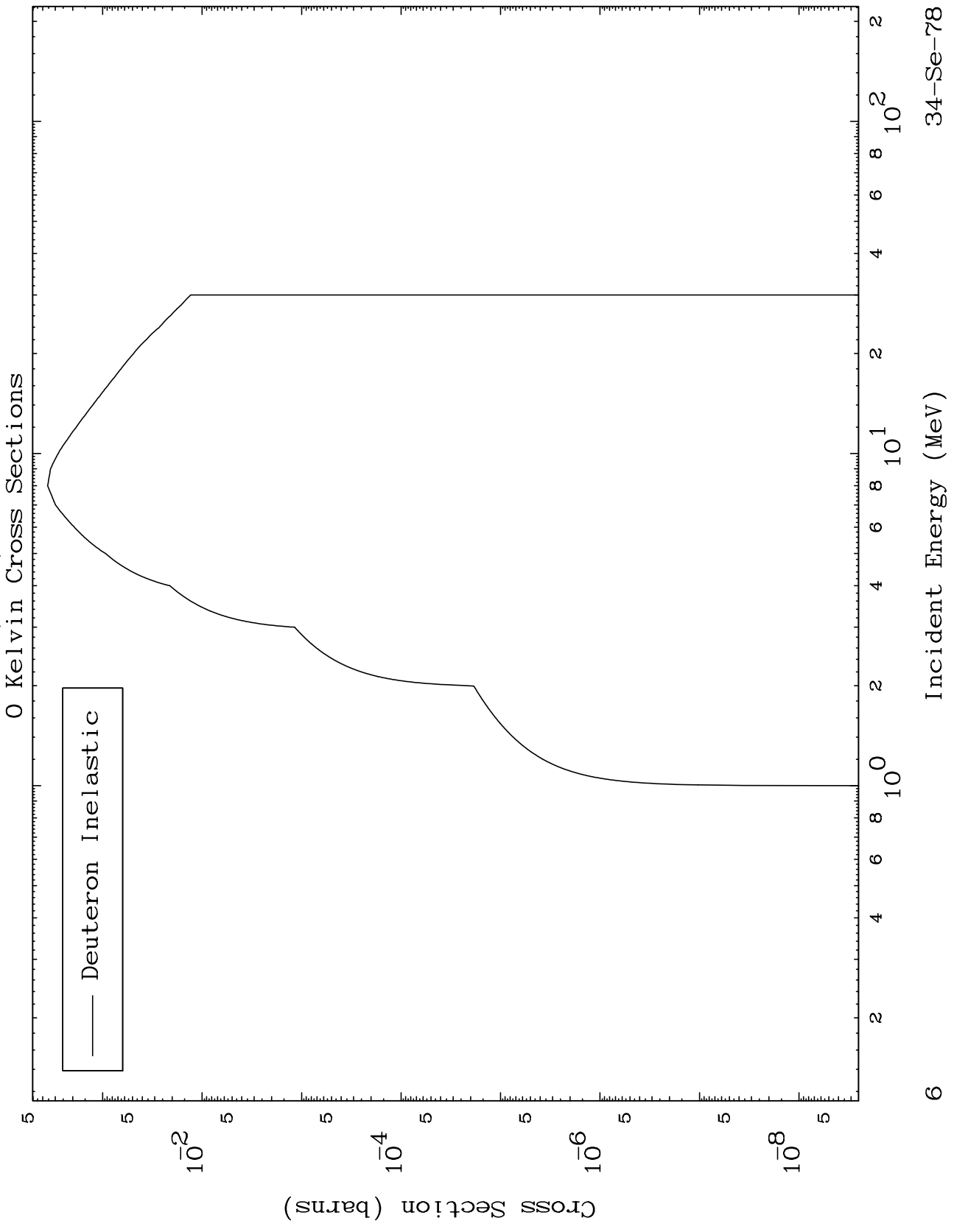




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(d, n') Level

34-Se-78

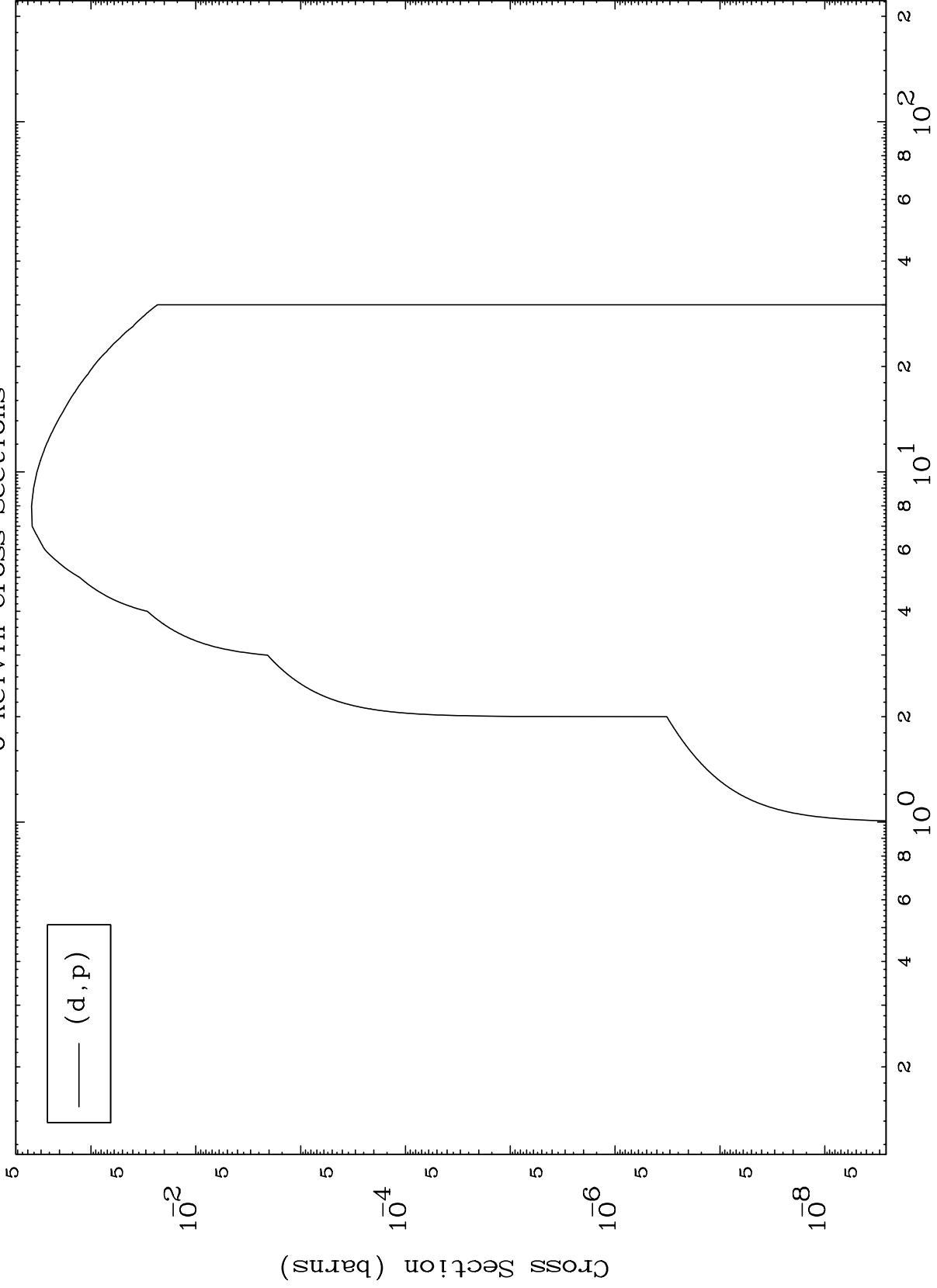


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(d,p) Levels

<sup>34</sup>Se-78

0 Kelvin Cross Sections

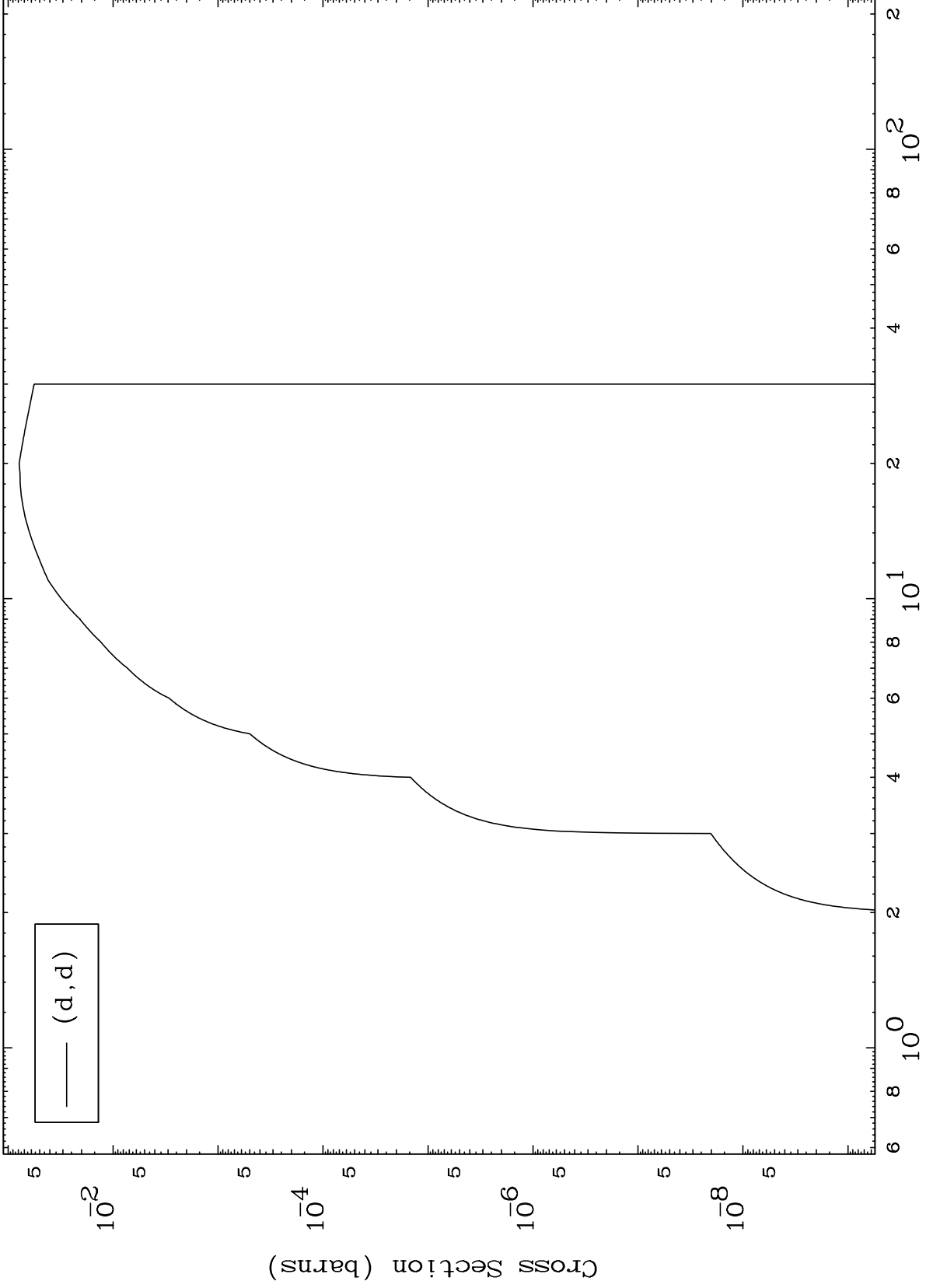




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<sup>34</sup>Se-78

(d,d) Levels  
0 Kelvin Cross Sections



8

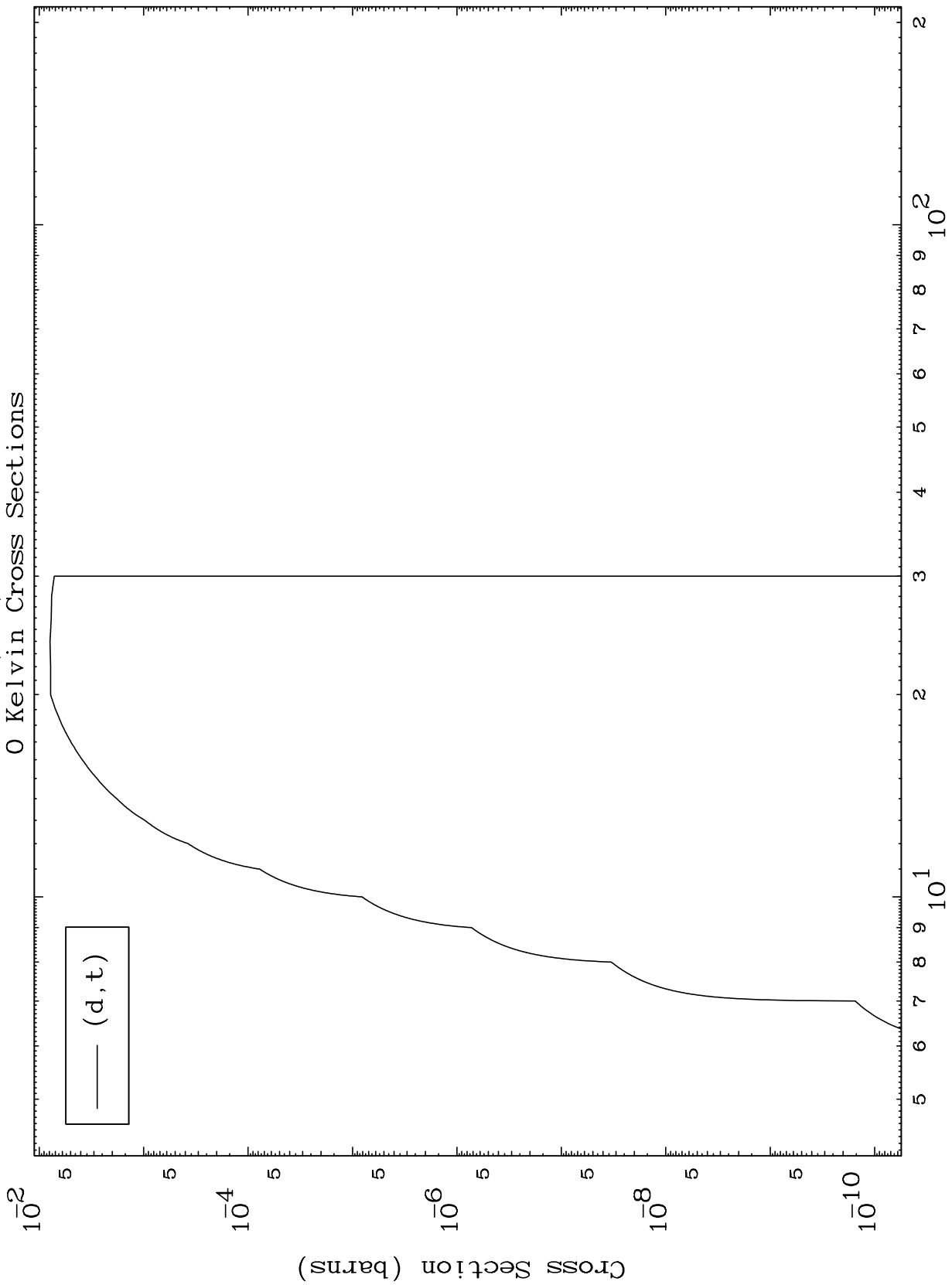
Incident Energy (MeV)

<sup>34</sup>Se-78

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<sup>34</sup>Se-78

(d,t) Levels  
0 Kelvin Cross Sections



9

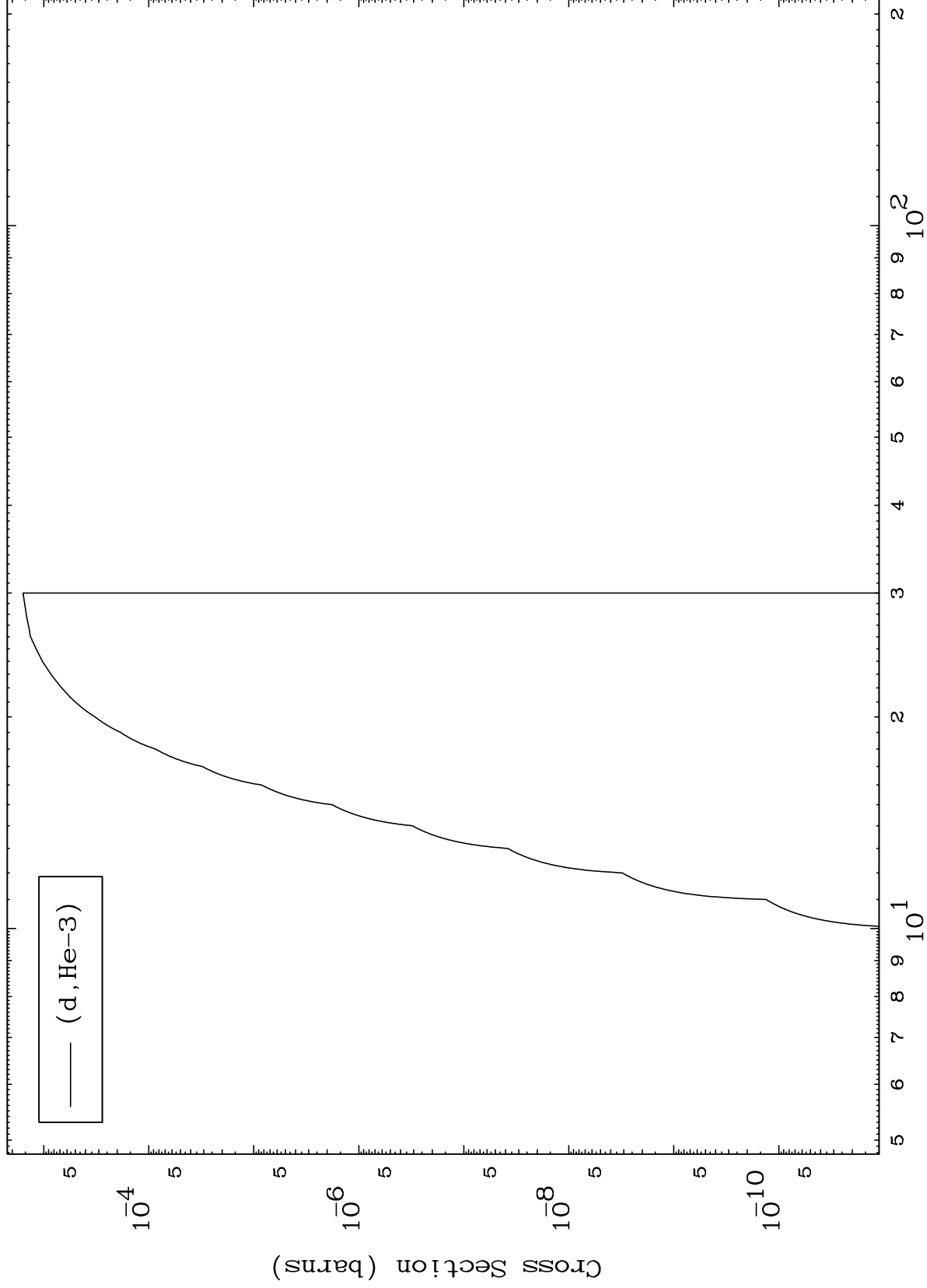
Incident Energy (MeV)

<sup>34</sup>Se-78

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(d,He3) Levels  
0 Kelvin Cross Sections

<sup>34</sup>Se-78



10

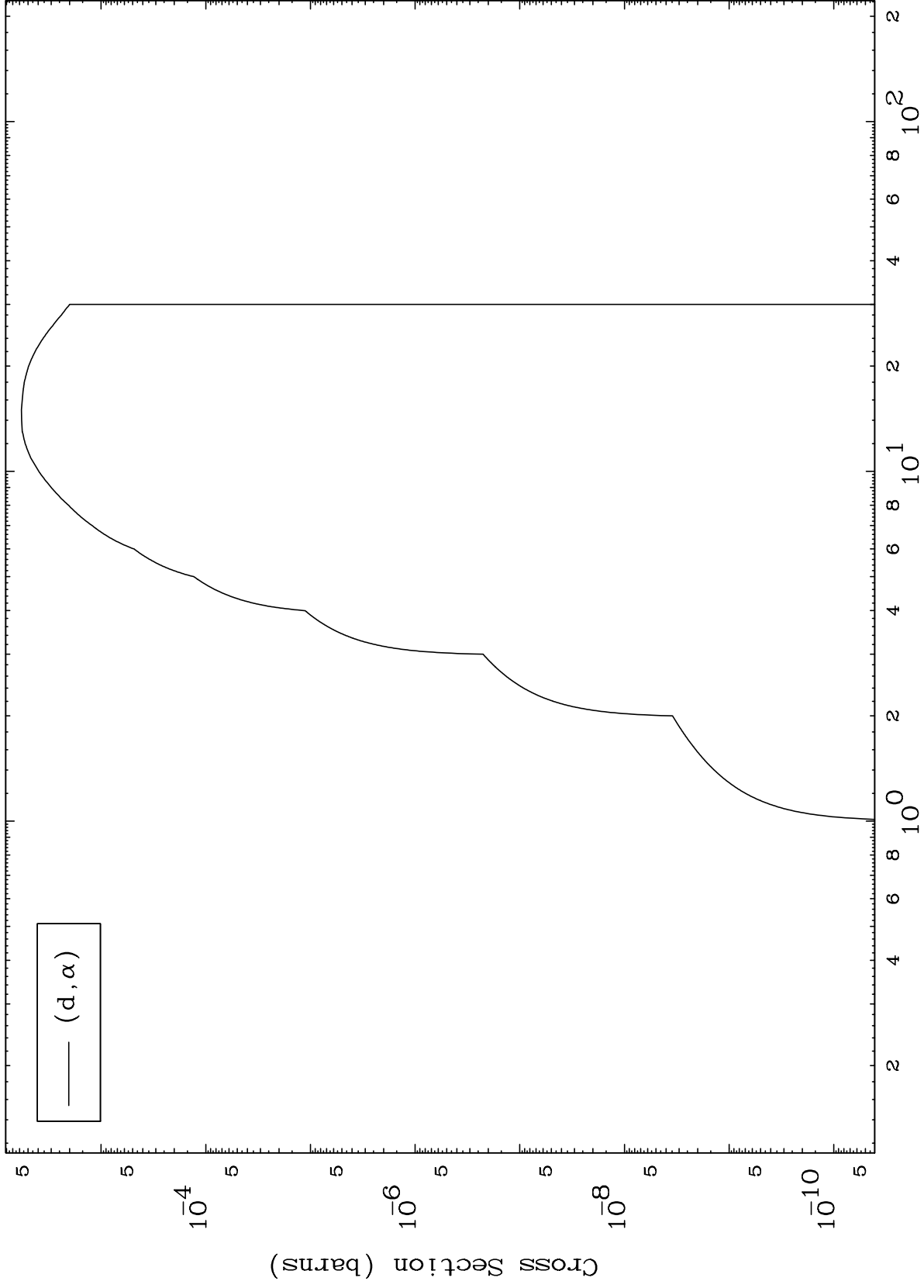
Incident Energy (MeV)

<sup>34</sup>Se-78

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

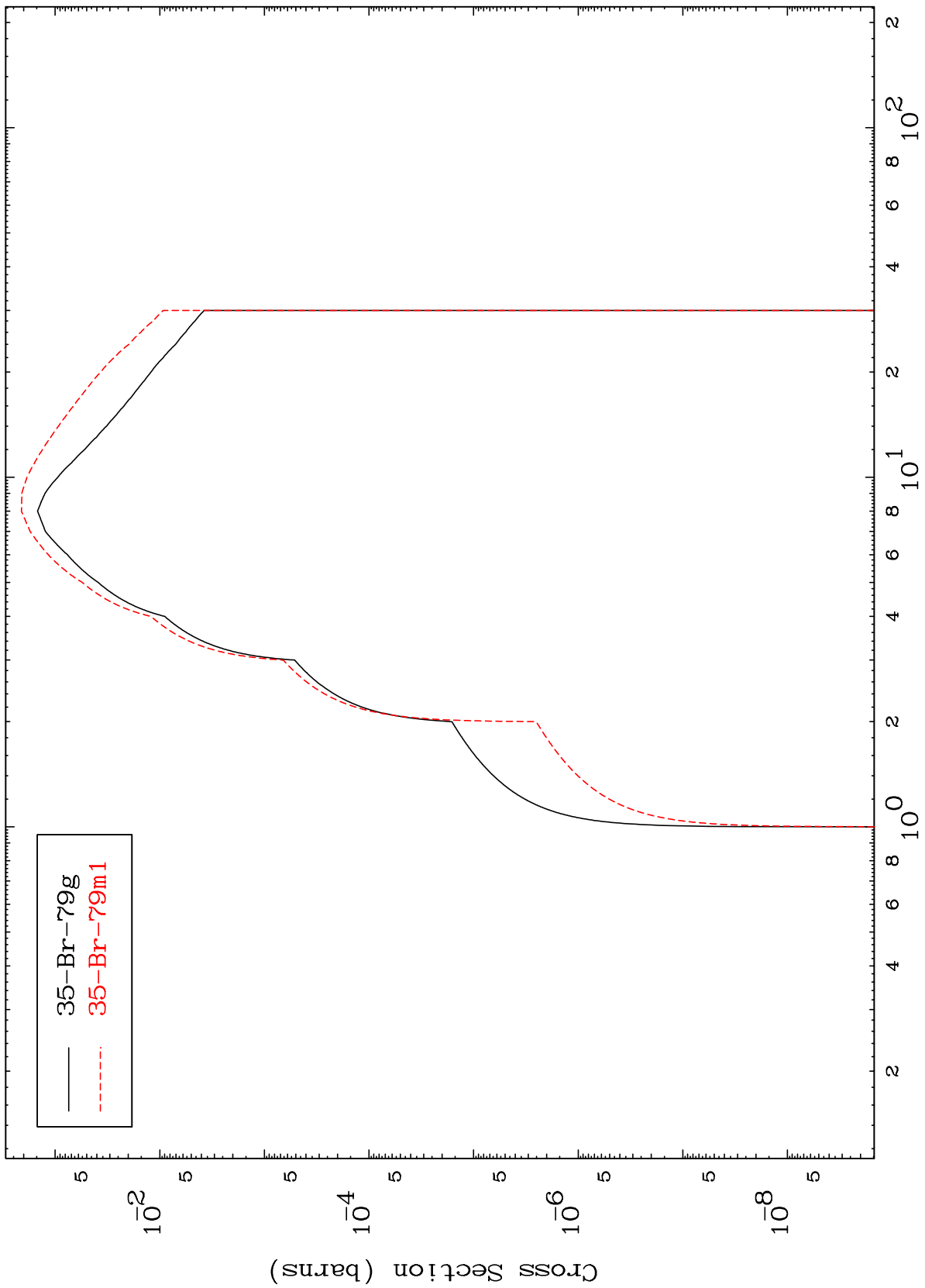
<sup>34</sup>Se-78



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Deuteron Inelastic  
Radionuclide Production Cross Section

<sup>34</sup>Se-78

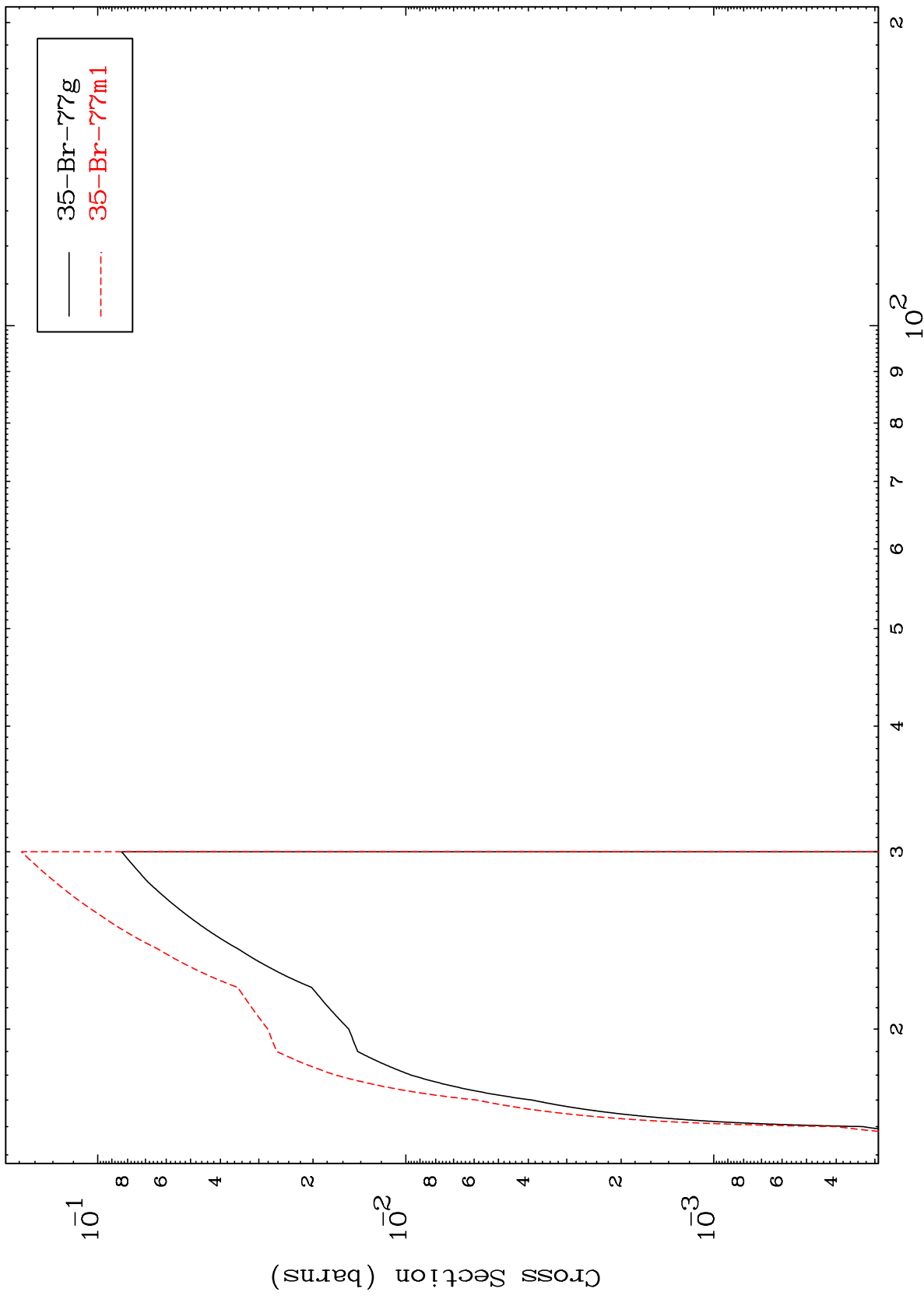


— 35-Br-79g  
- - - 35-Br-79m1

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<sup>34</sup>Se-78

(d,3n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

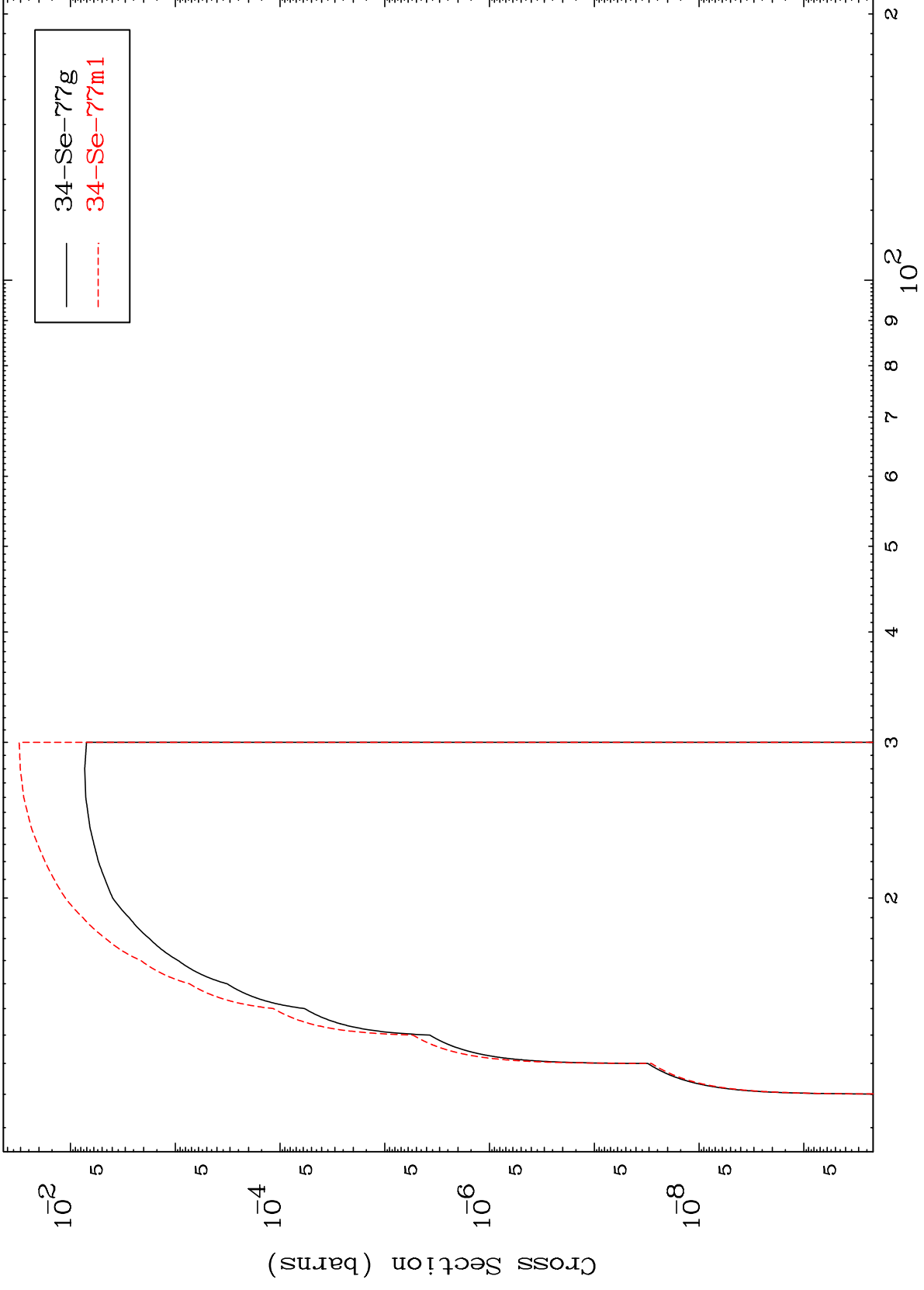
<sup>34</sup>Se-78

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(d,n') d

<sup>34</sup>Se-78

Radionuclide Production Cross Section



14

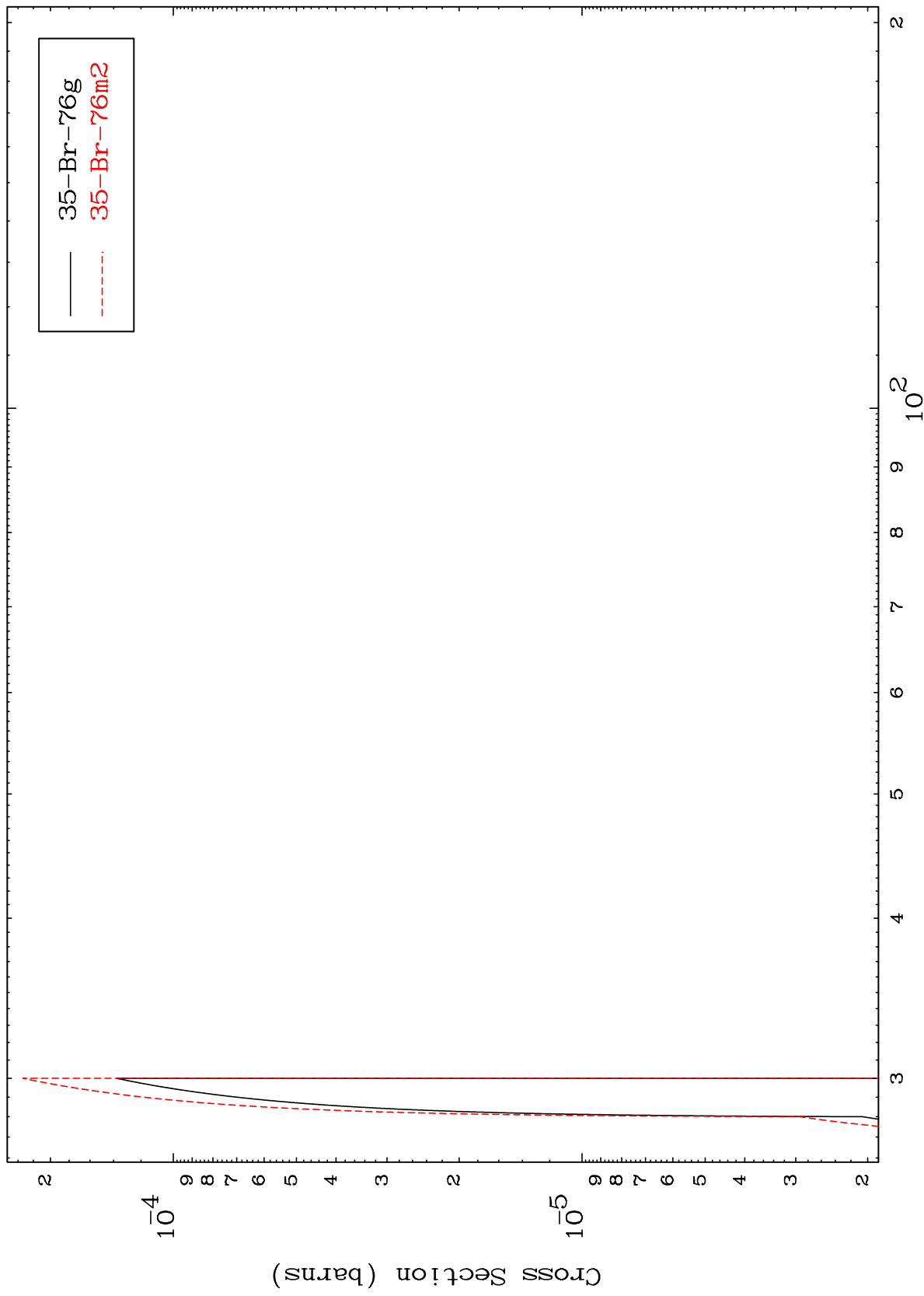
Incident Energy (MeV)

<sup>34</sup>Se-78

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<sup>34</sup>Se-78

(d,4n)  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>34</sup>Se-78

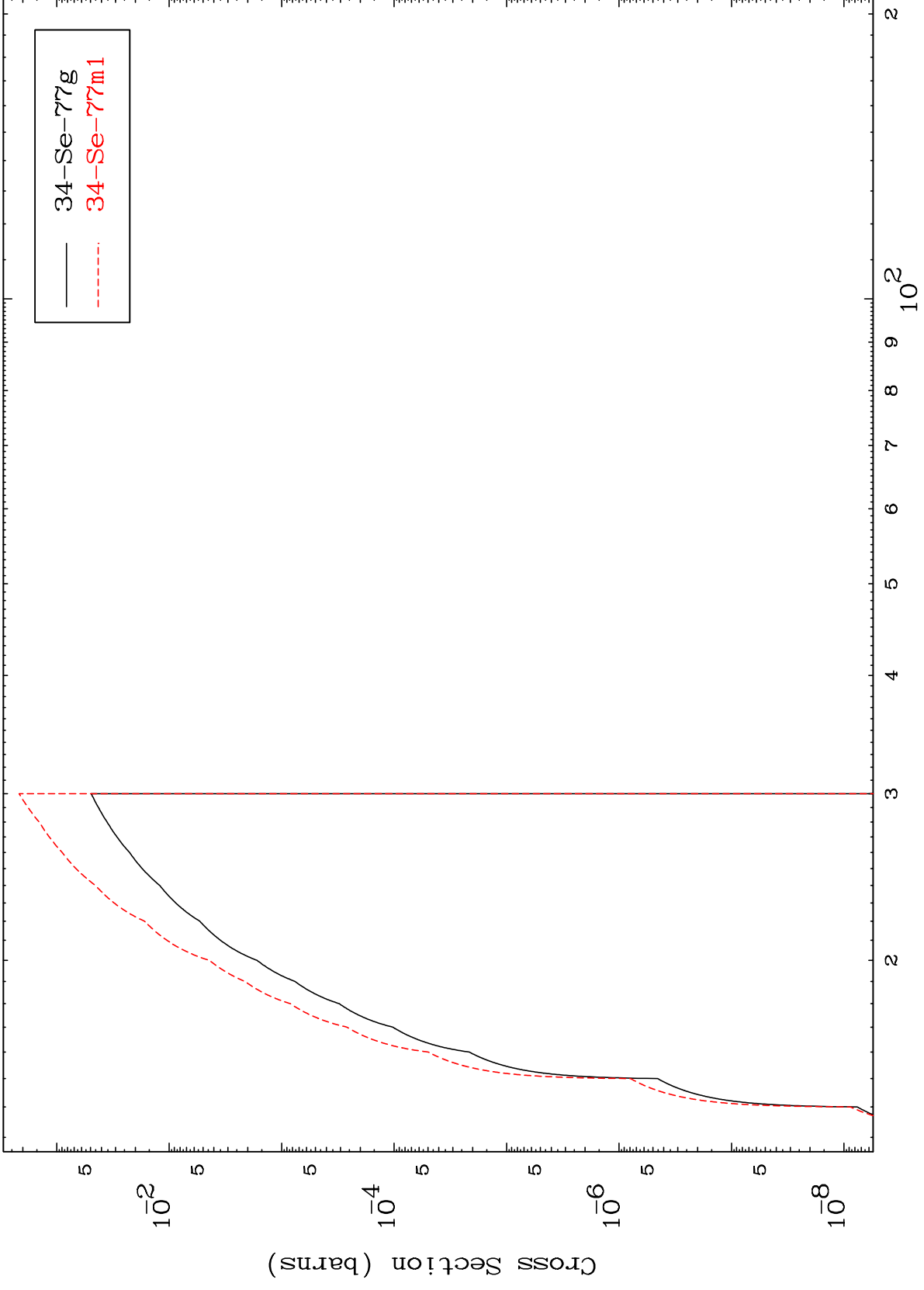


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(d,2n) p

<sup>34</sup>Se-78

Radionuclide Production Cross Section



34-77g  
34-77m1

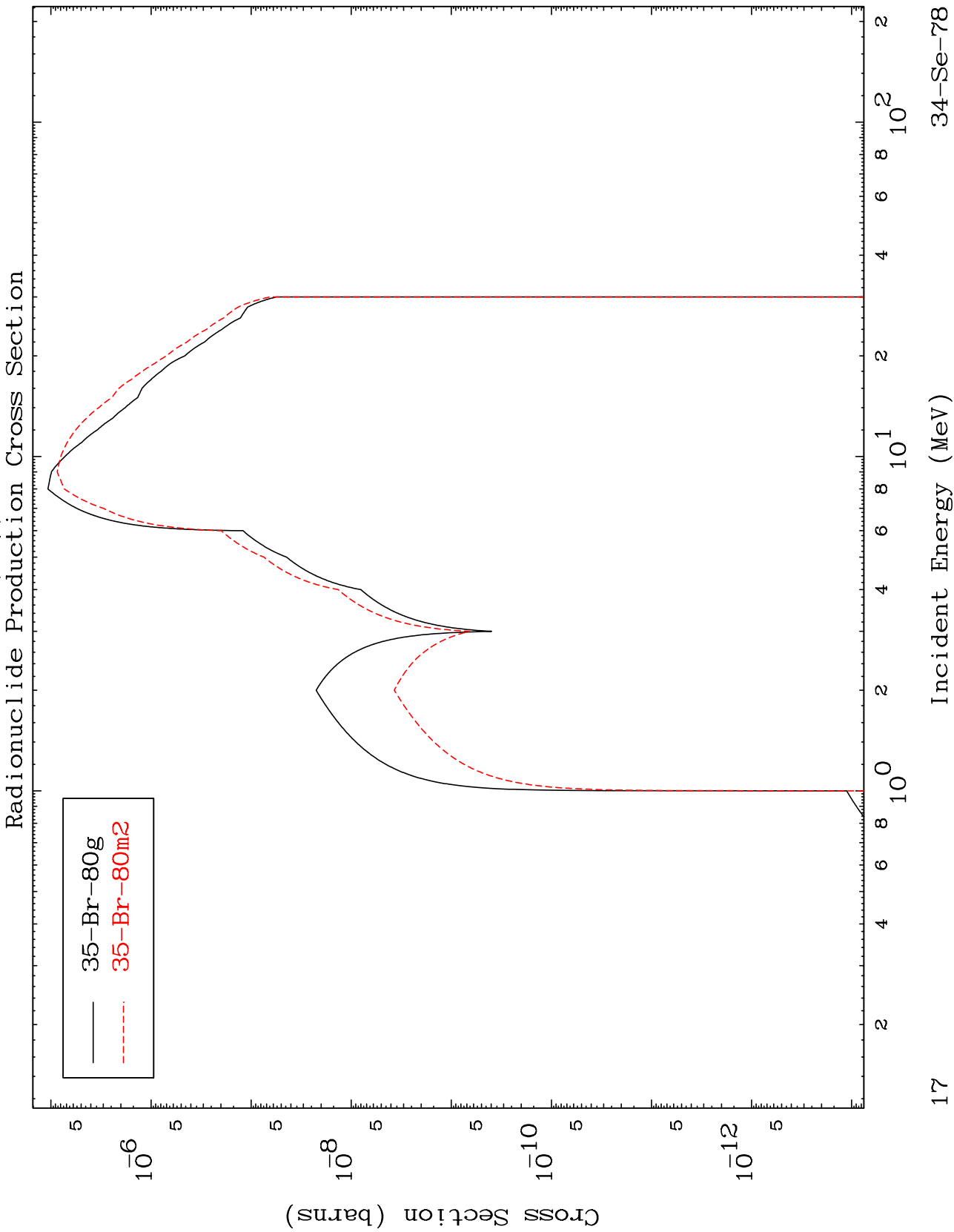
16

Incident Energy (MeV)

<sup>34</sup>Se-78

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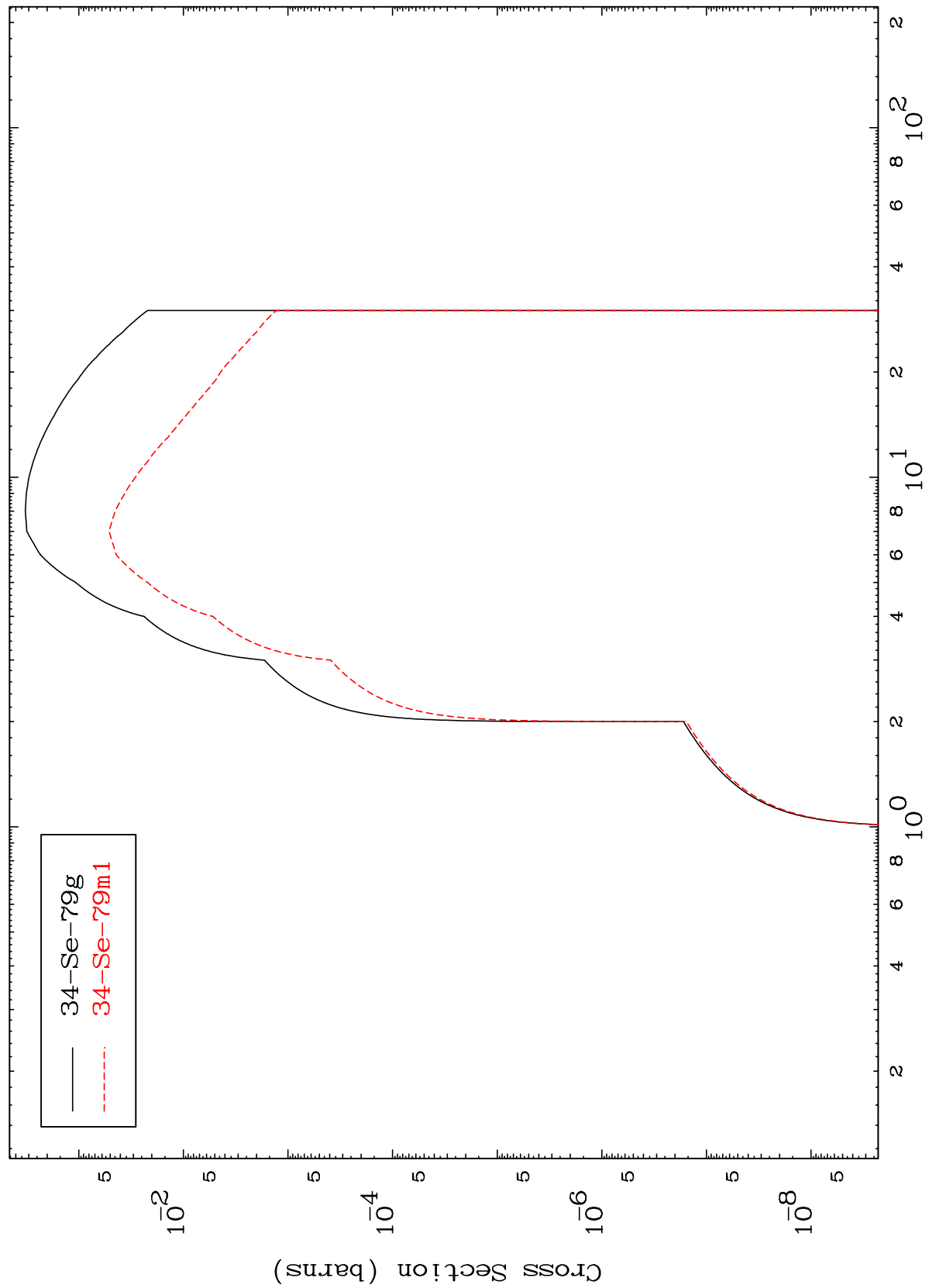
<sup>34</sup>Se-78



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<sup>34</sup>Se-78

(d,p)  
Radionuclide Production Cross Section



— 34-Se-79g  
- - - 34-Se-79m1

<sup>34</sup>Se-78

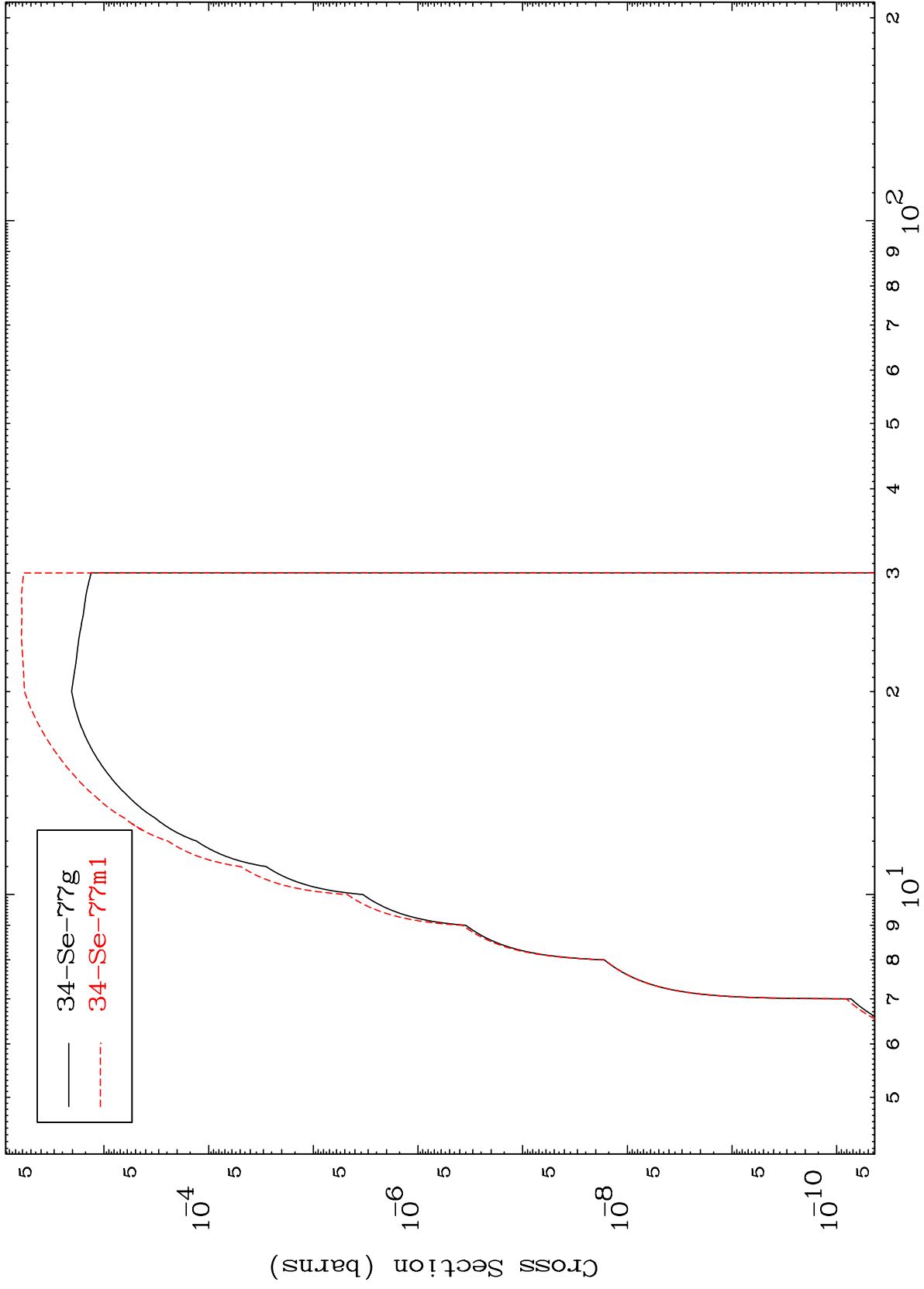
Incident Energy (MeV)

18

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<sup>34</sup>Se-78

(d, t)  
Radionuclide Production Cross Section



<sup>34</sup>Se-78

Incident Energy (MeV)

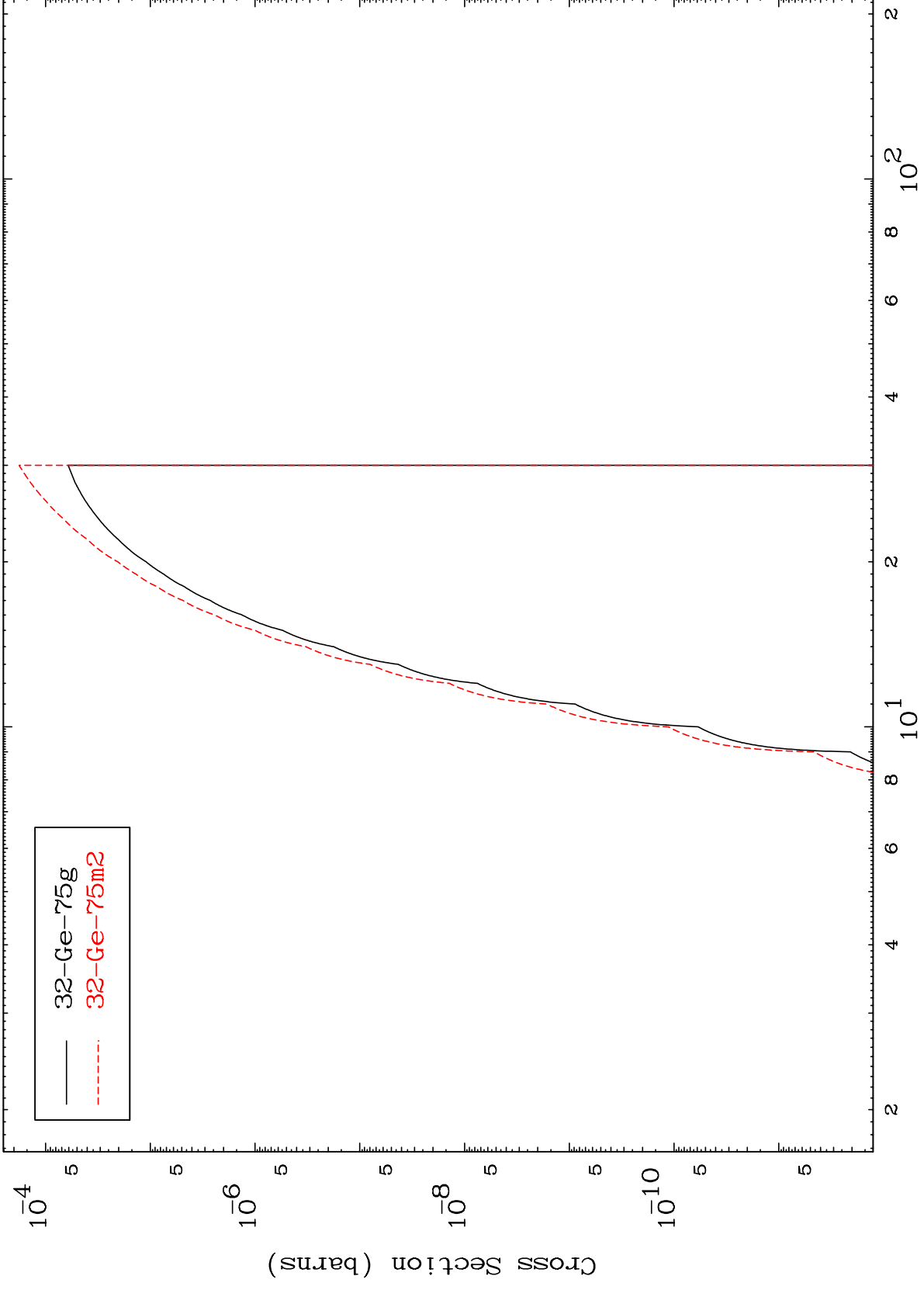
19

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(d,p)  $\alpha$

<sup>34</sup>Se-78

Radionuclide Production Cross Section



20

Incident Energy (MeV)

<sup>34</sup>Se-78