

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

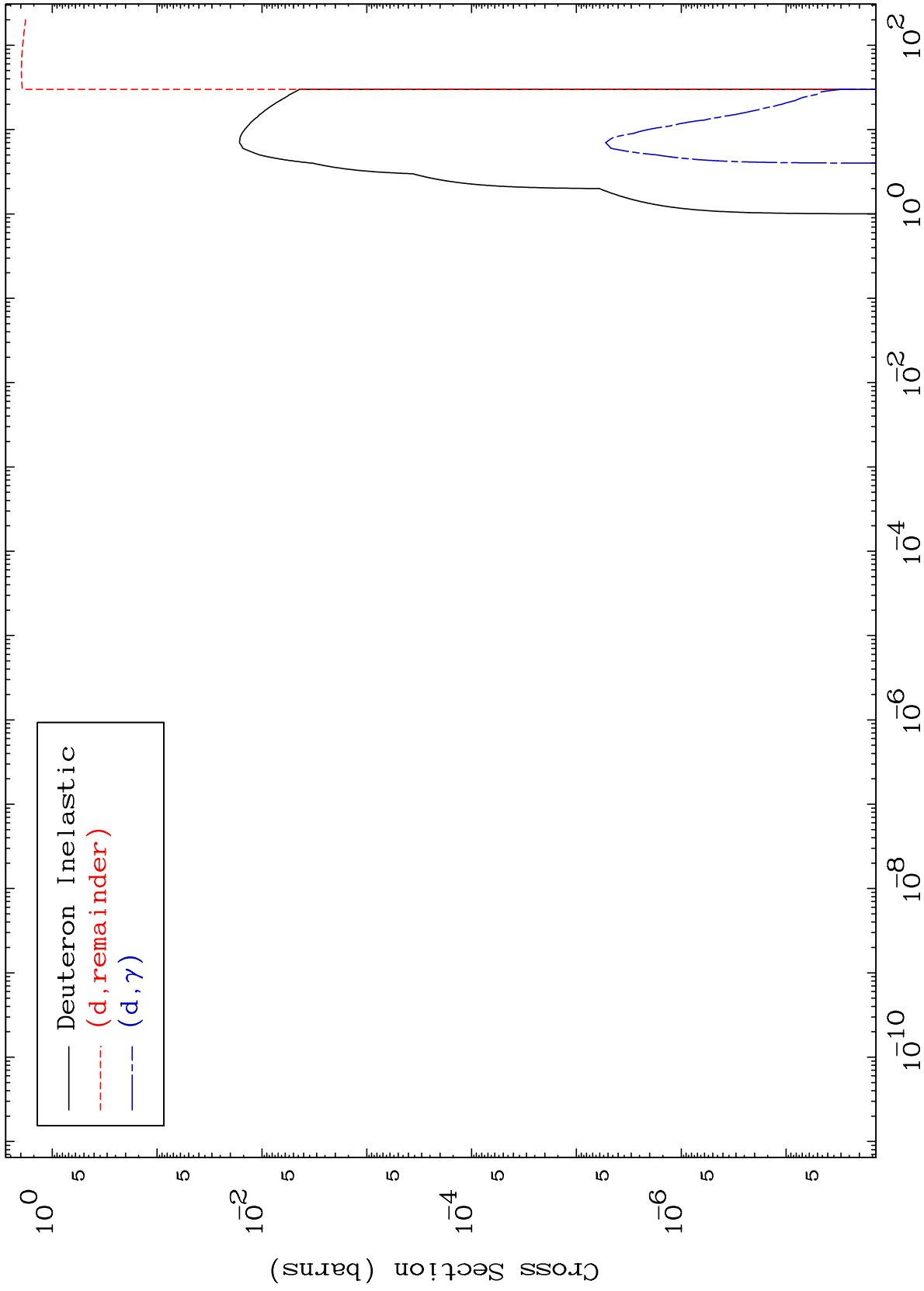
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3453

Deuteron Major  
0 Kelvin Cross Sections

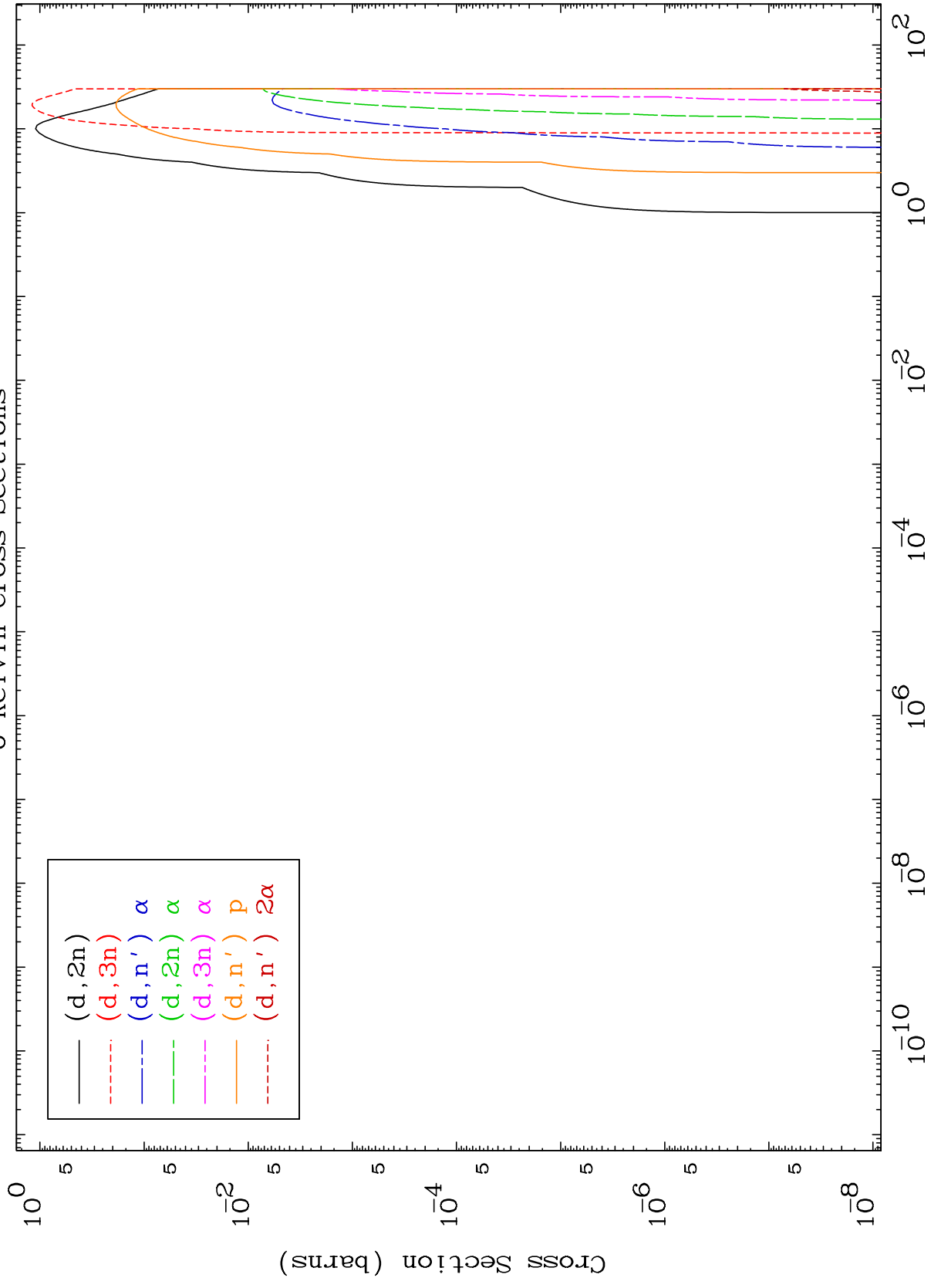
34-Se-83



MAT 3453

Deuteron Neutron Production  
0 Kelvin Cross Sections

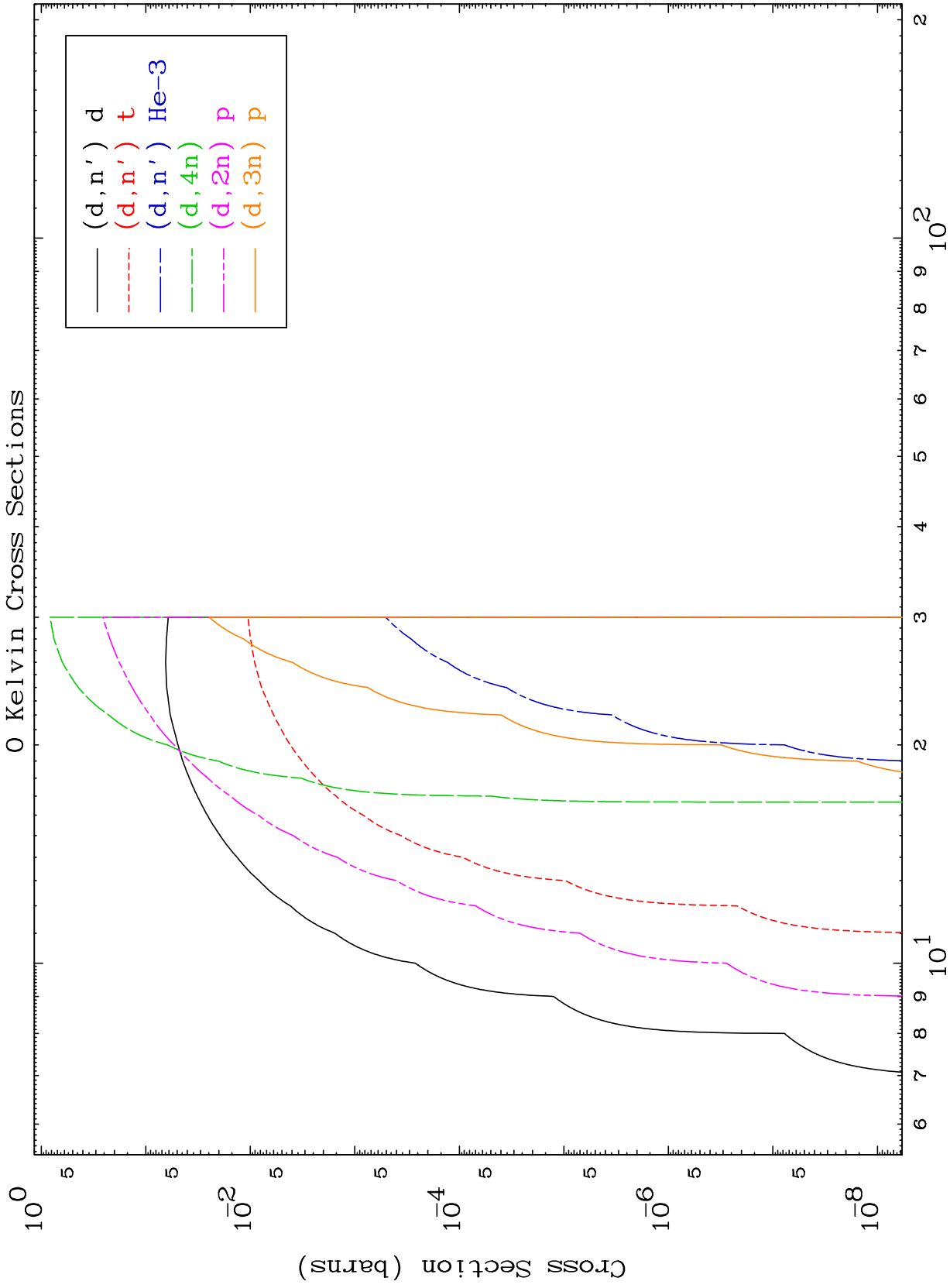
<sup>34</sup>Se-83

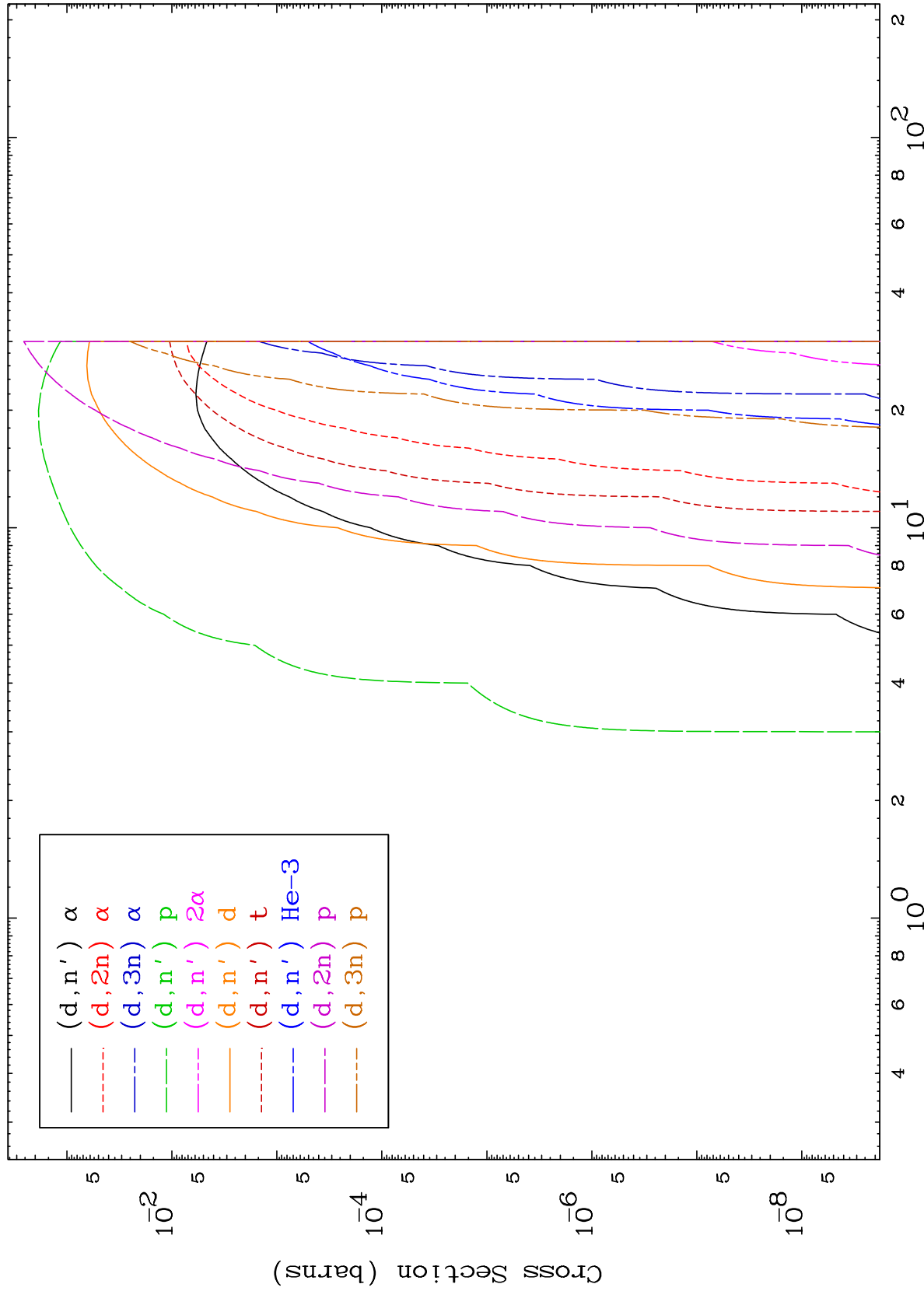


2

Incident Energy (MeV)

<sup>34</sup>Se-83

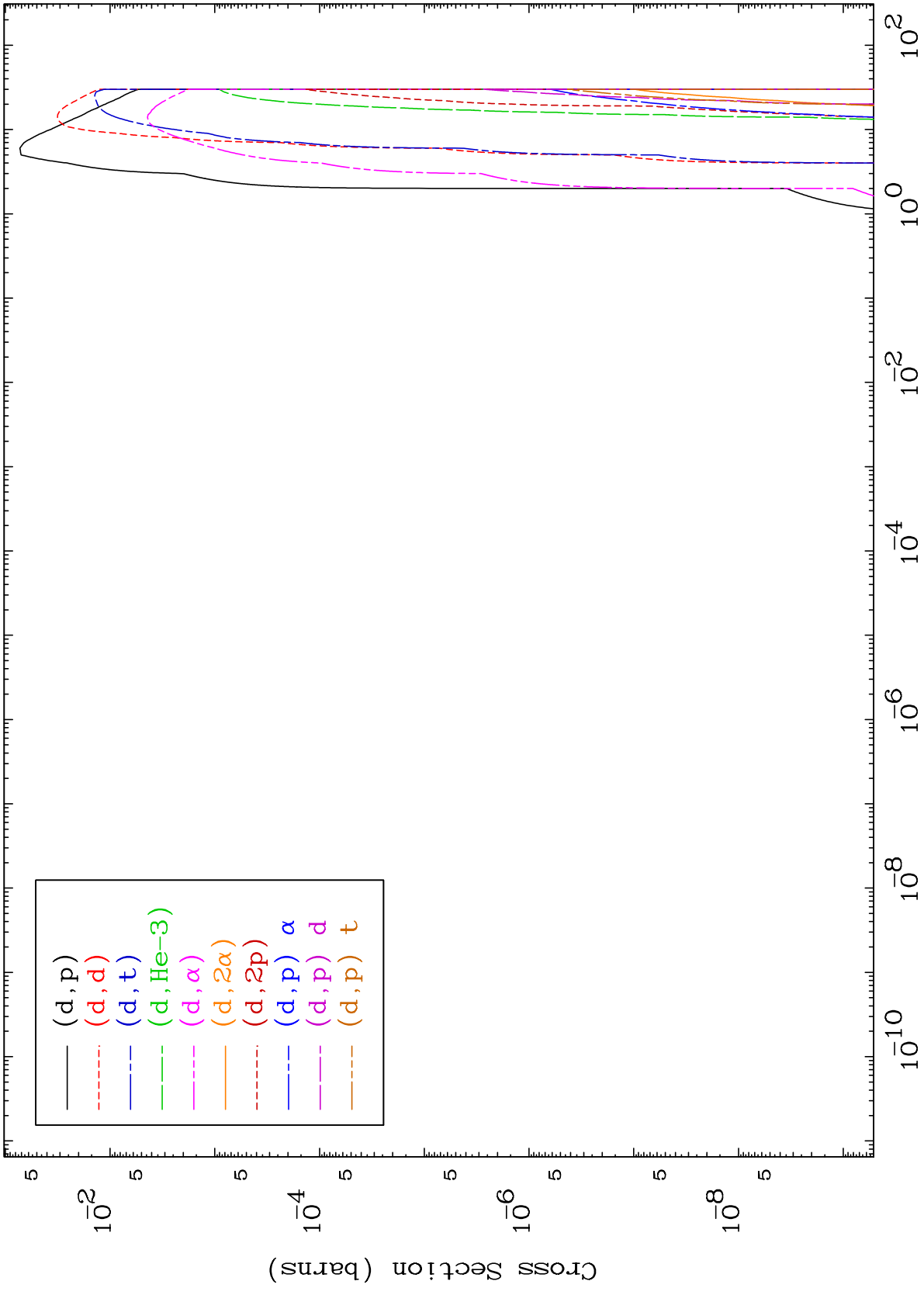




MAT 3453

Deuteron Charged Particle  
0 Kelvin Cross Sections

34-Se-83



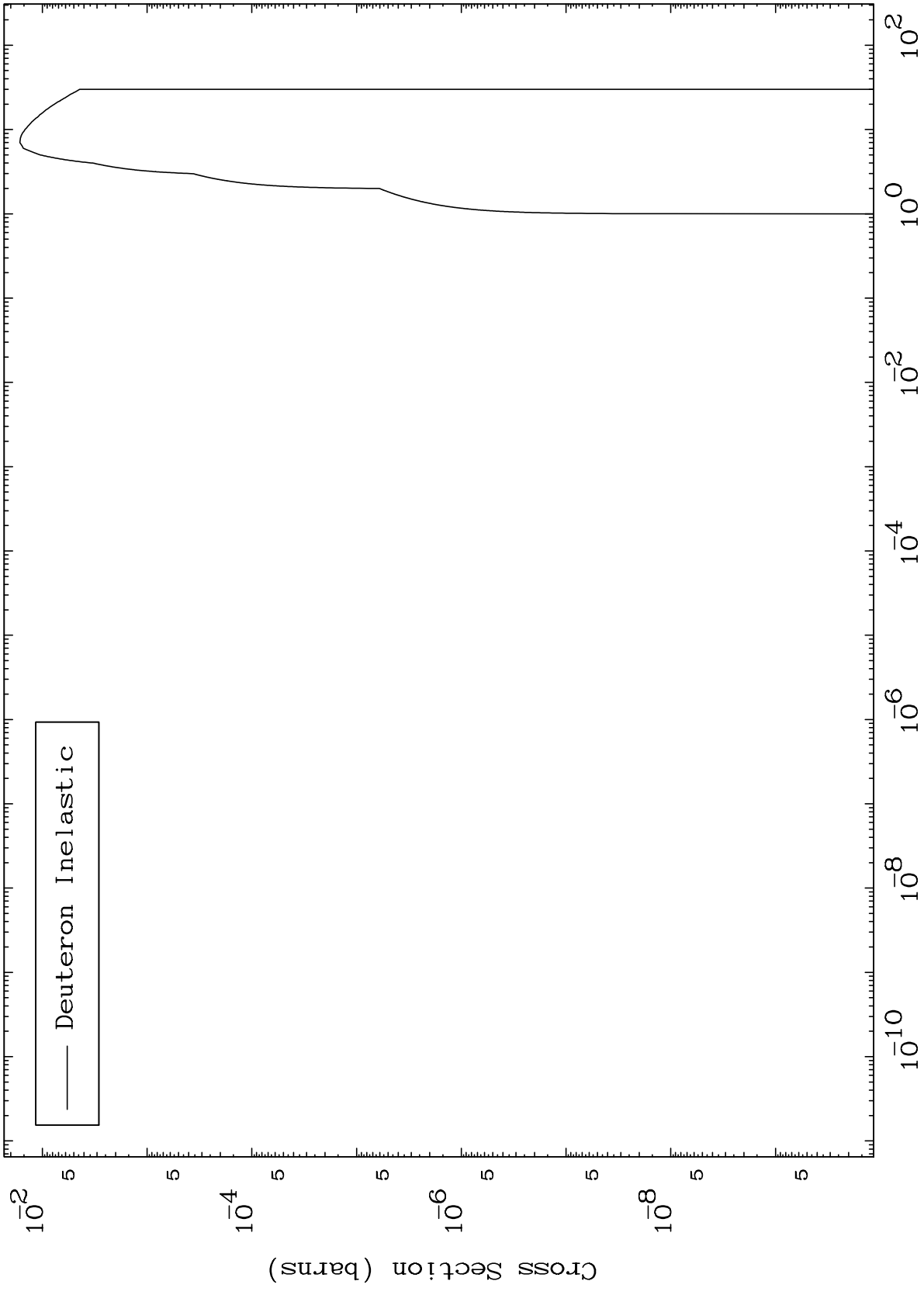
5

34-Se-83

MAT 3453

(d,n') Level  
0 Kelvin Cross Sections

34-Se-83

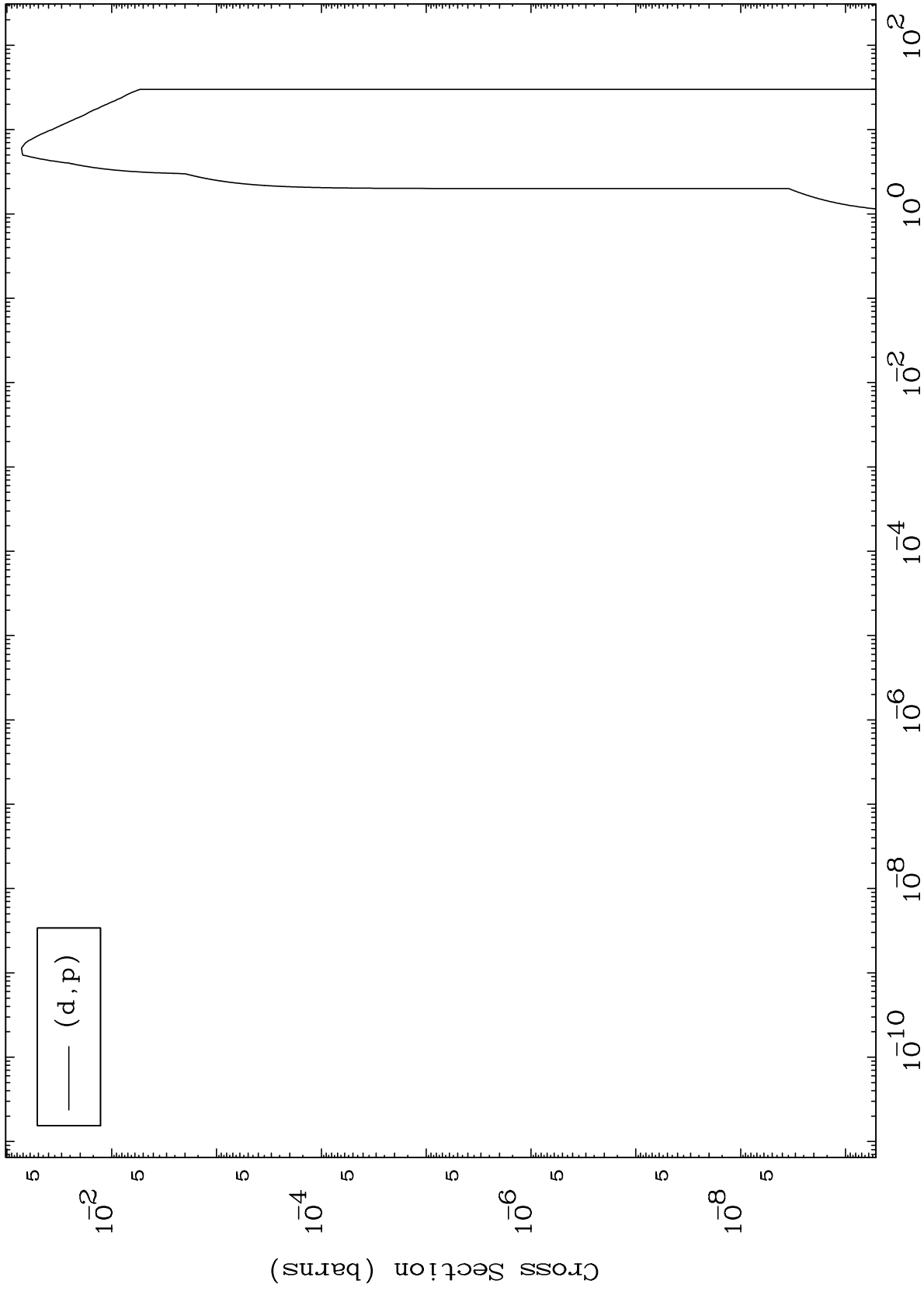


34-Se-83

MAT 3453

(d,p) Levels  
0 Kelvin Cross Sections

34-Se-83



7

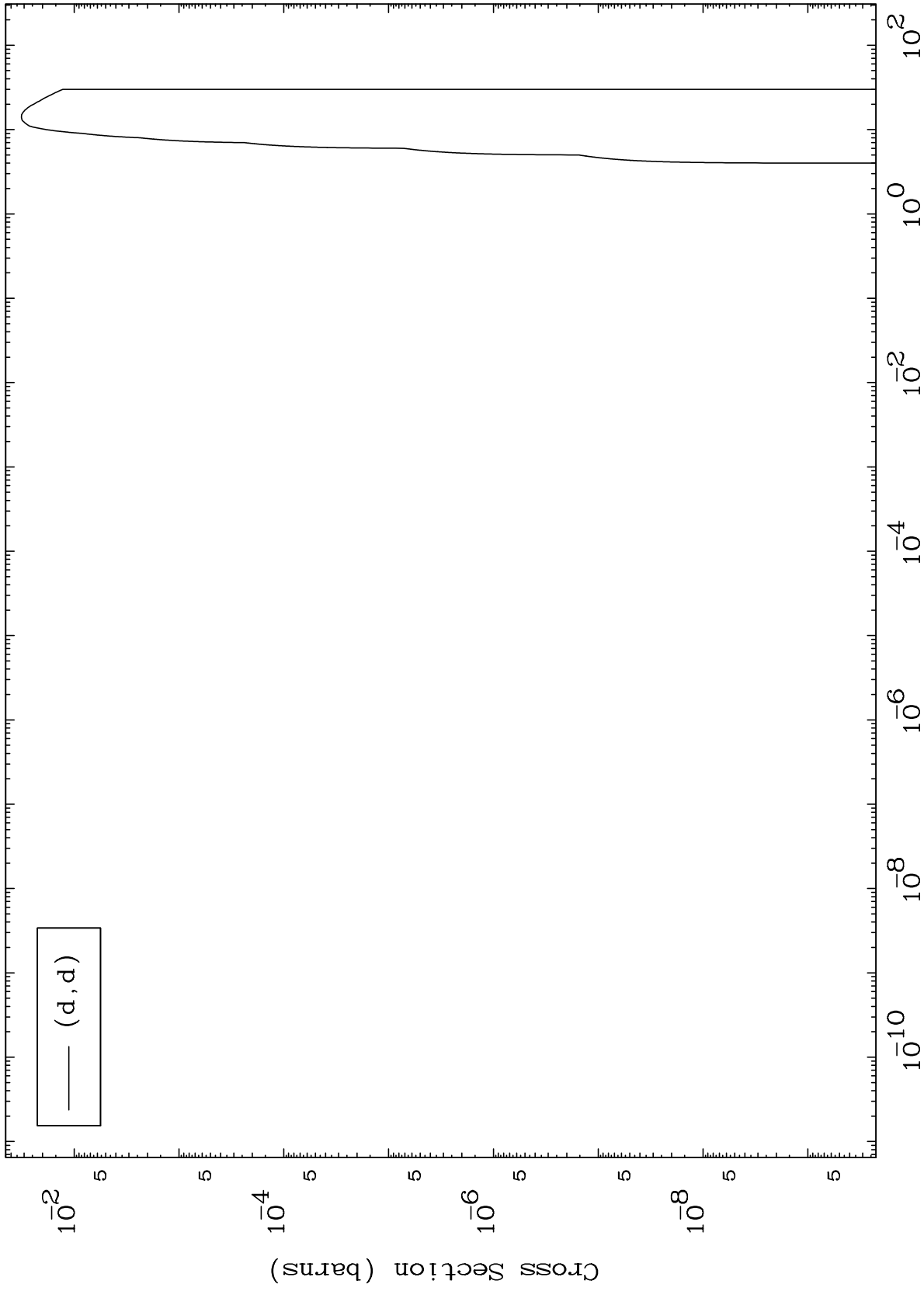
Incident Energy (MeV)

34-Se-83

MAT 3453

(d,d) Levels  
0 Kelvin Cross Sections

34-Se-83



8

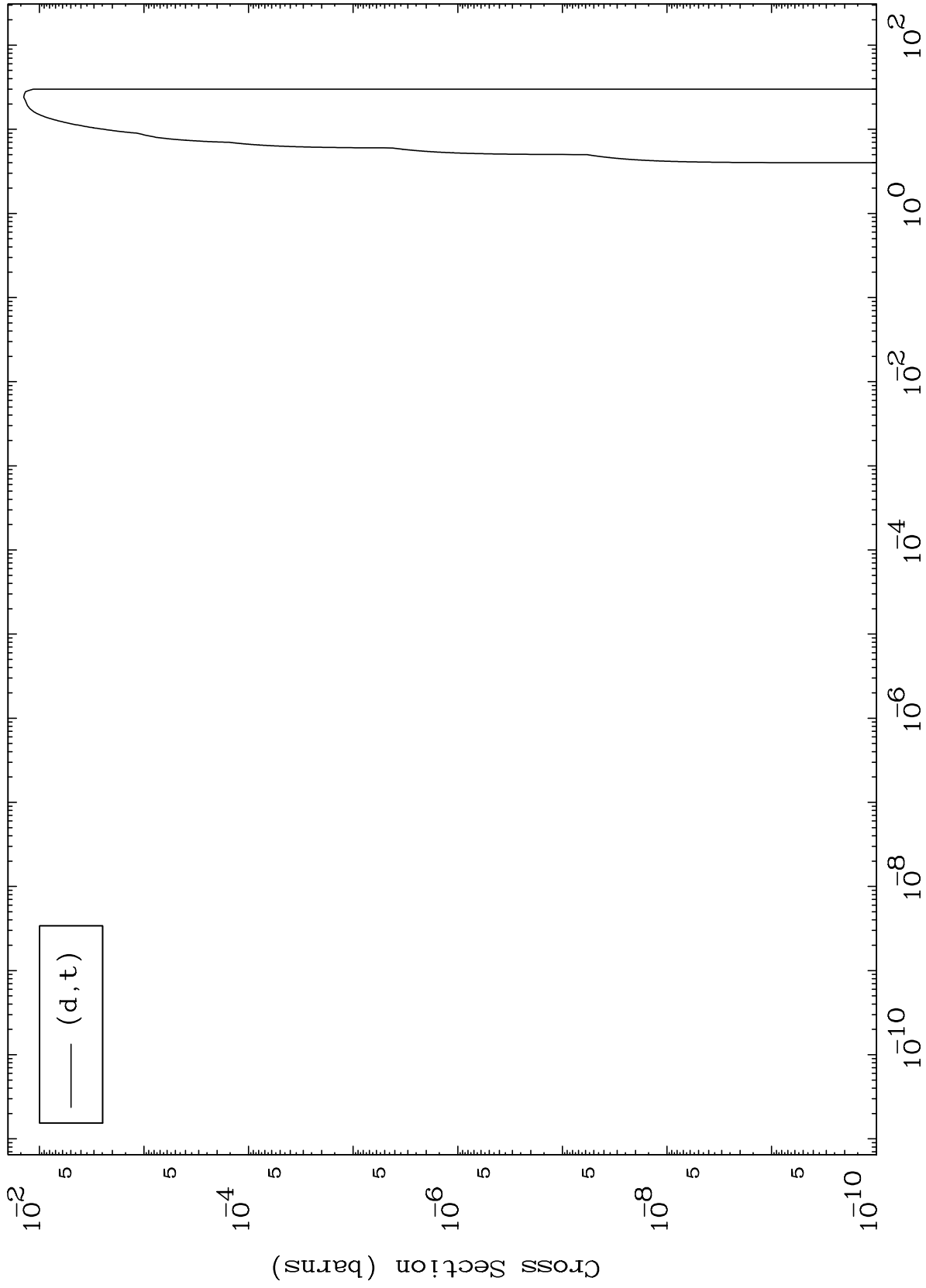
Incident Energy (MeV)

34-Se-83

MAT 3453

(d,t) Levels  
0 Kelvin Cross Sections

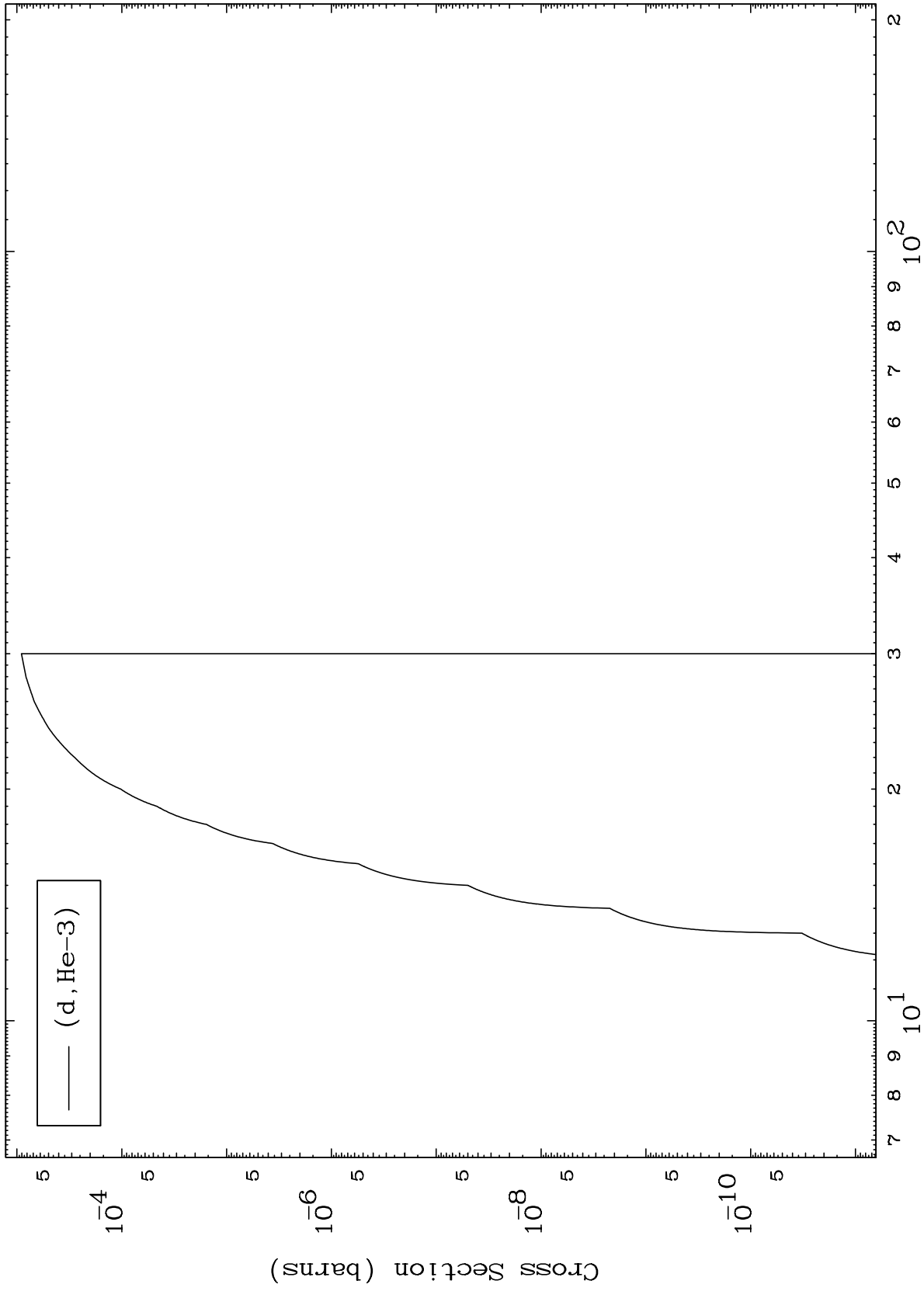
34-Se-83



MAT 3453

(d,He3) Levels  
0 Kelvin Cross Sections

34-Se-83



10

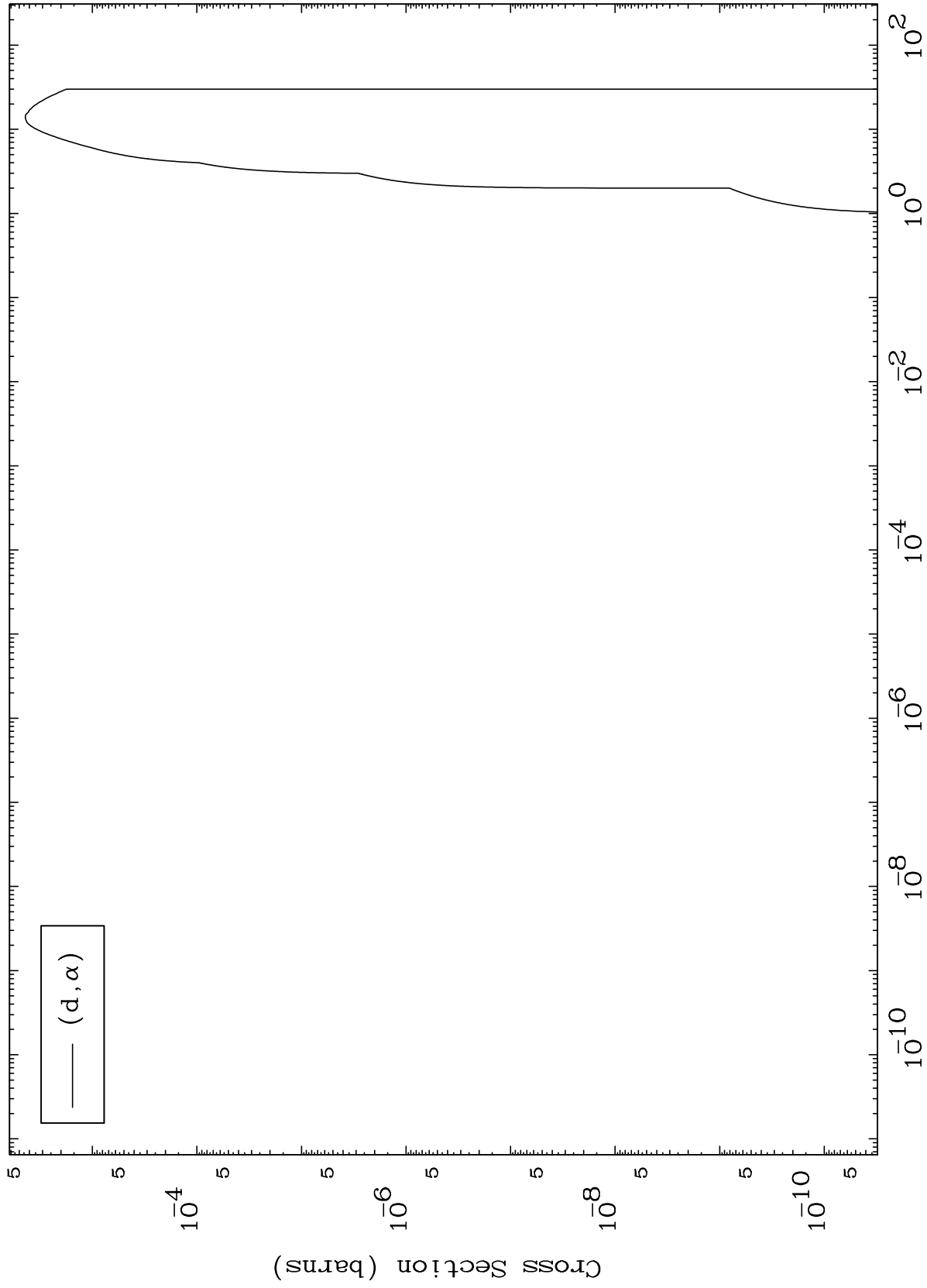
Incident Energy (MeV)

34-Se-83

MAT 3453

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

34-Se-83



11

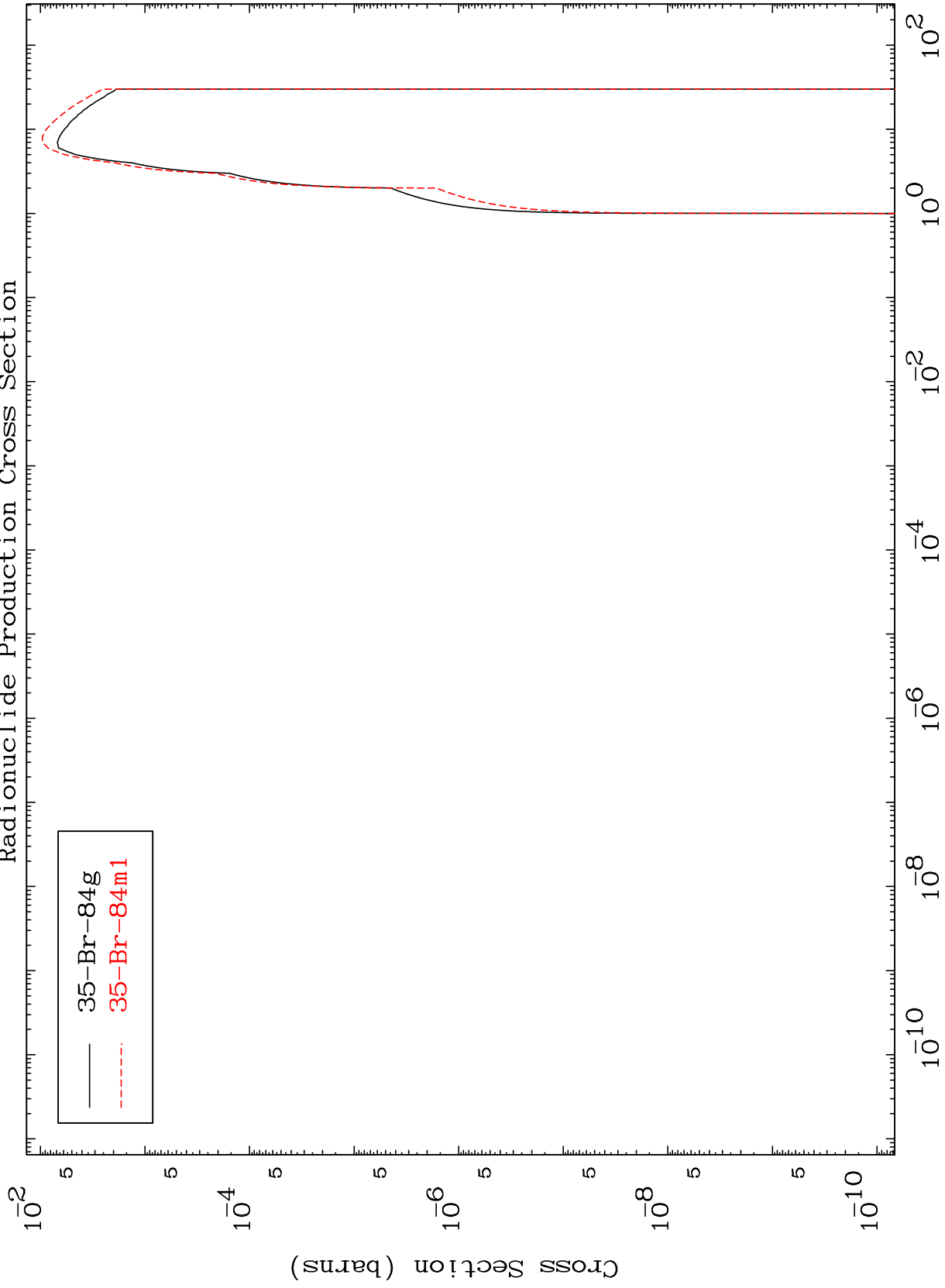
Incident Energy (MeV)

34-Se-83

MAT 3453

Deuteron Inelastic  
Radionuclide Production Cross Section

34-Se-83

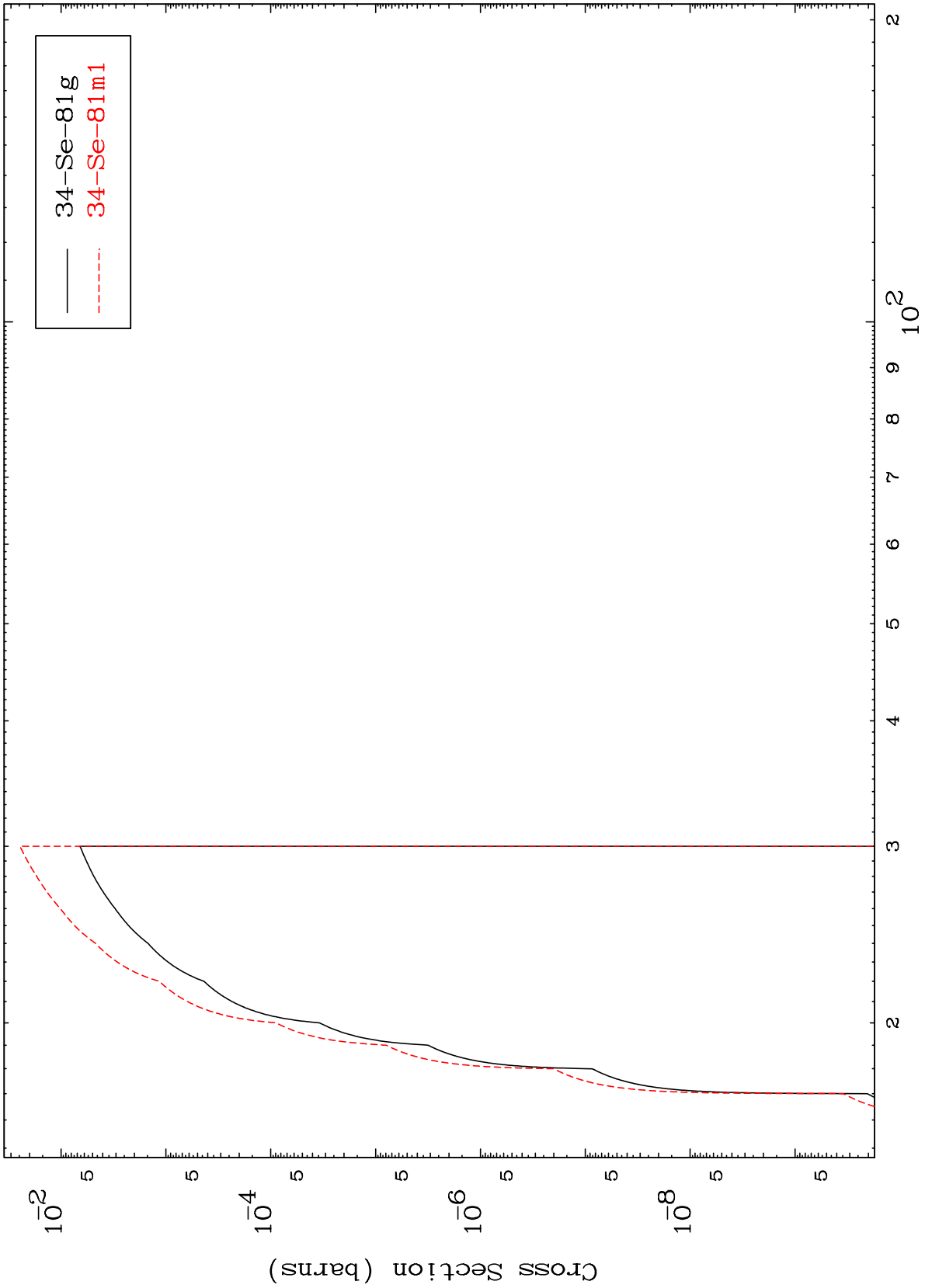


MAT 3453

(d,2n) d

34-Se-83

Radionuclide Production Cross Section



13

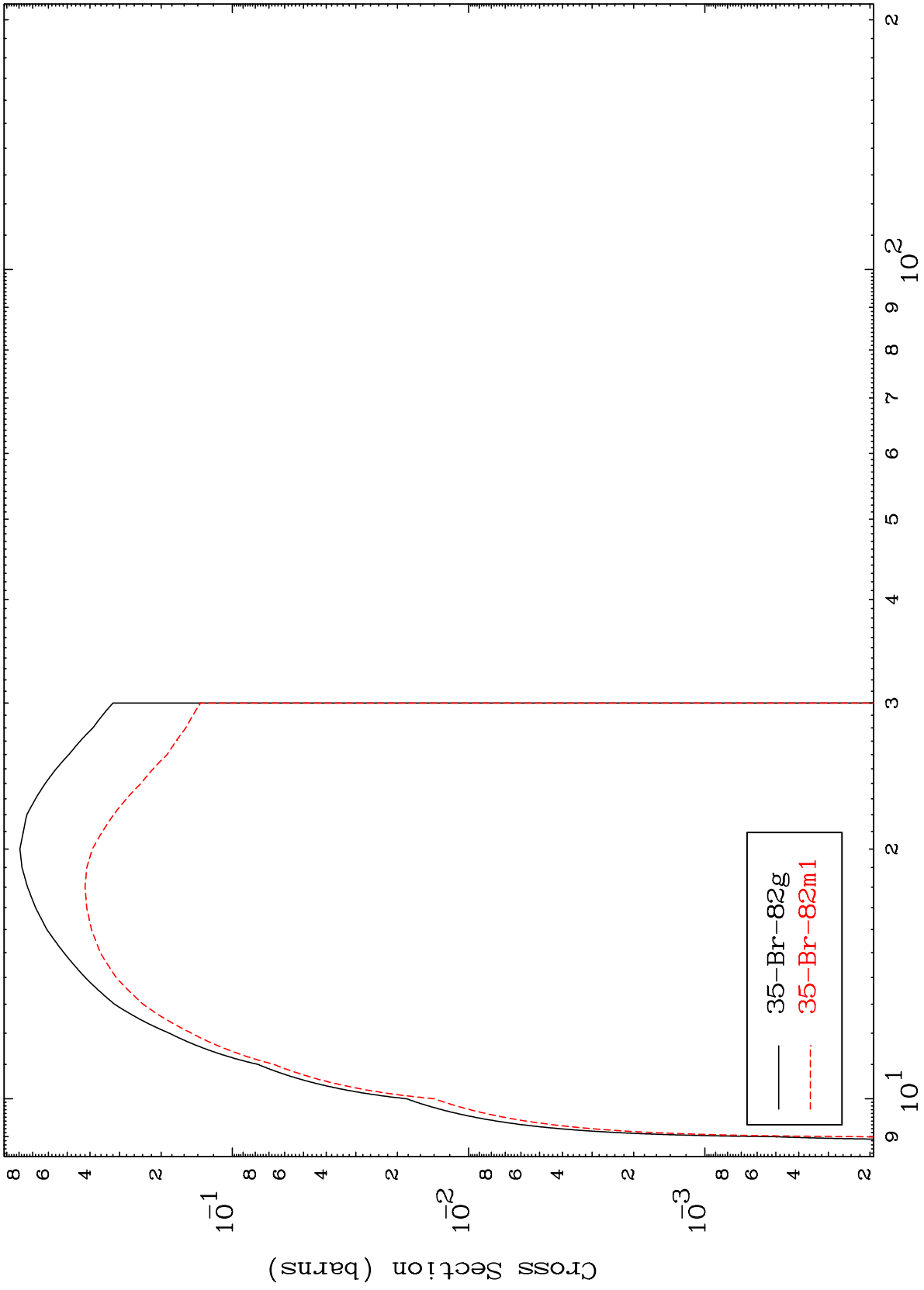
Incident Energy (MeV)

34-Se-83

MAT 3453

34-Se-83

(d,3n)  
Radionuclide Production Cross Section



14

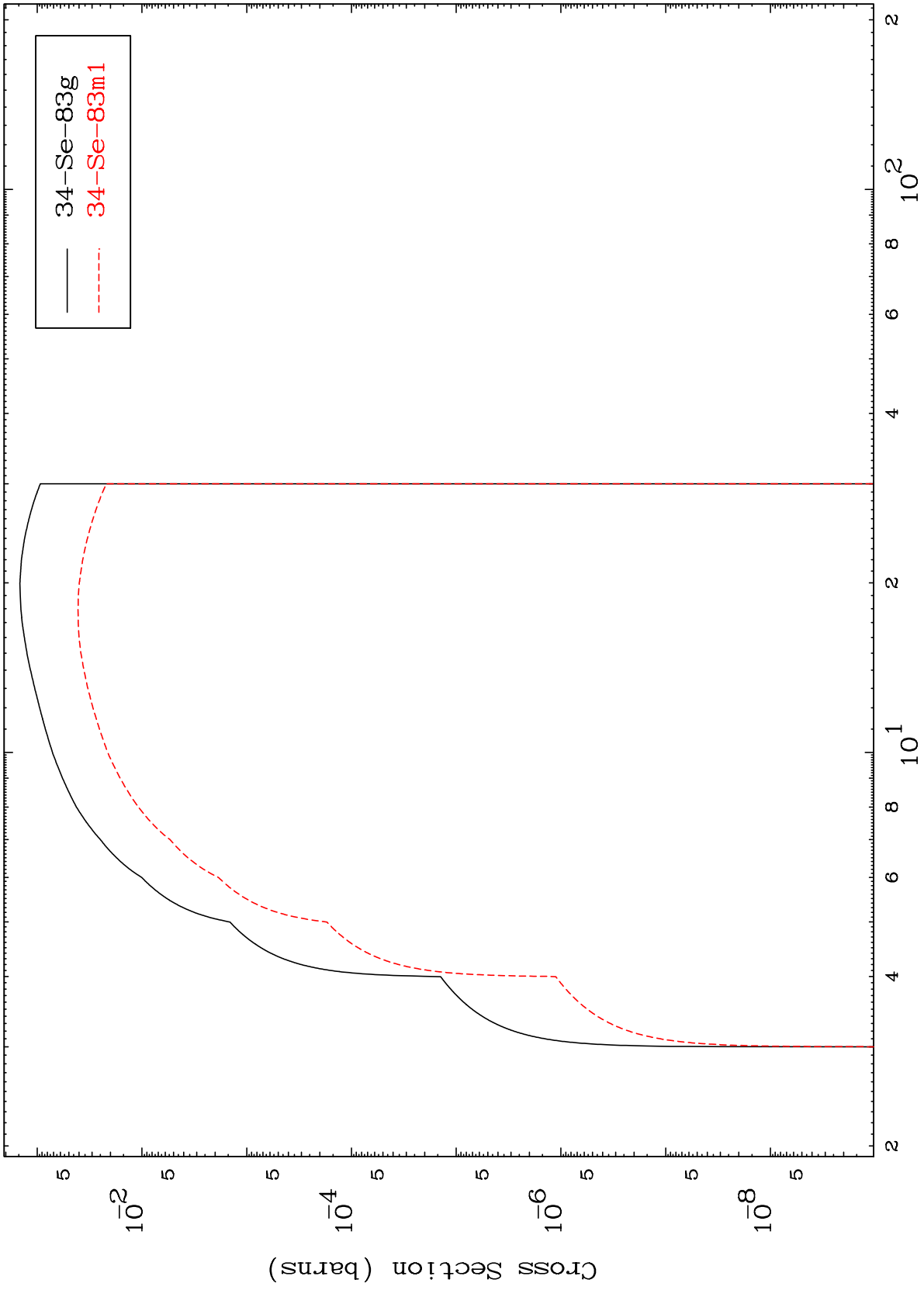
Incident Energy (MeV)

34-Se-83

MAT 3453

34-Se-83

(d,n') p  
Radionuclide Production Cross Section



15

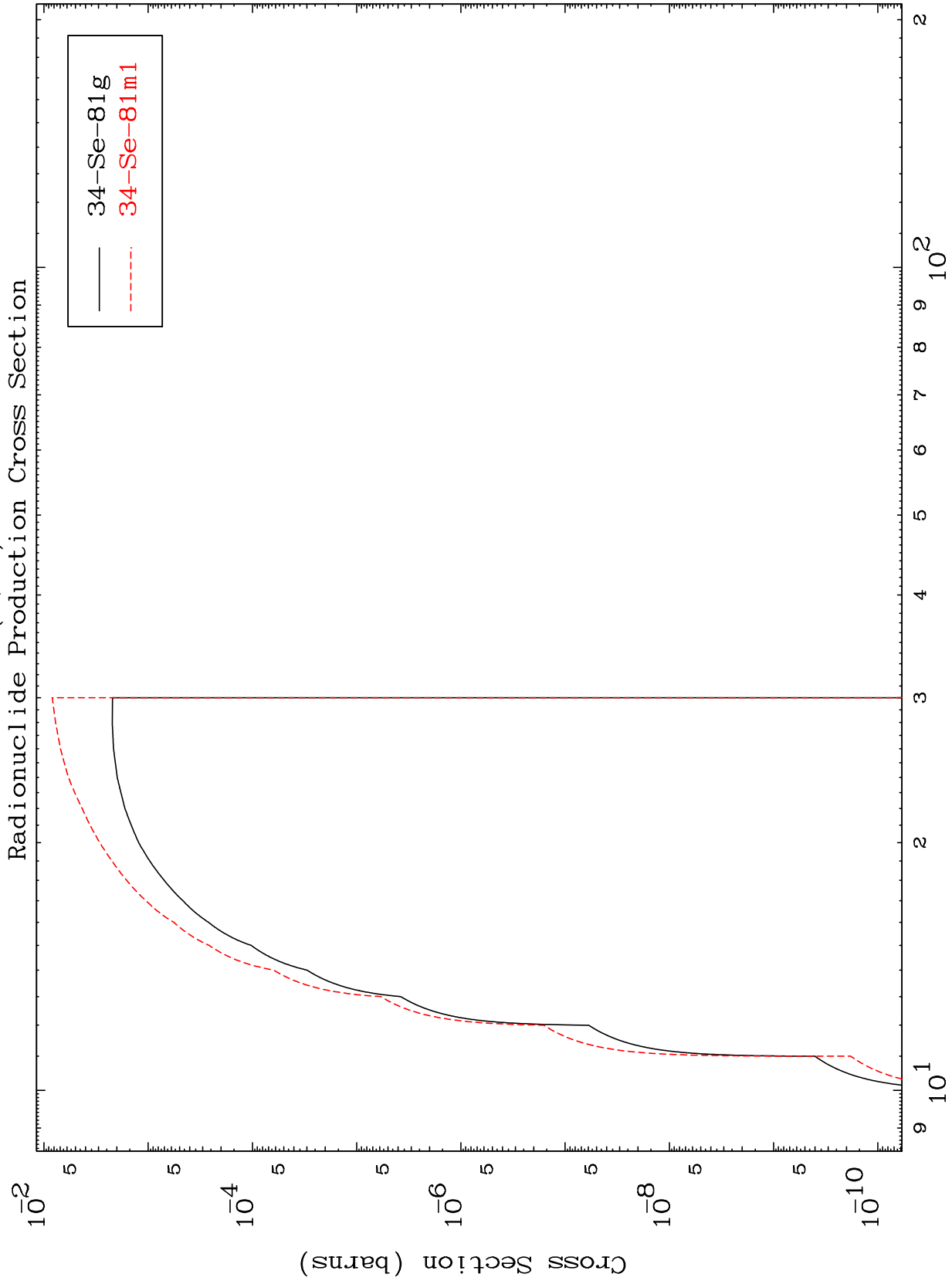
Incident Energy (MeV)

34-Se-83

MAT 3453

(d,n') t

<sup>34</sup>Se-83



16

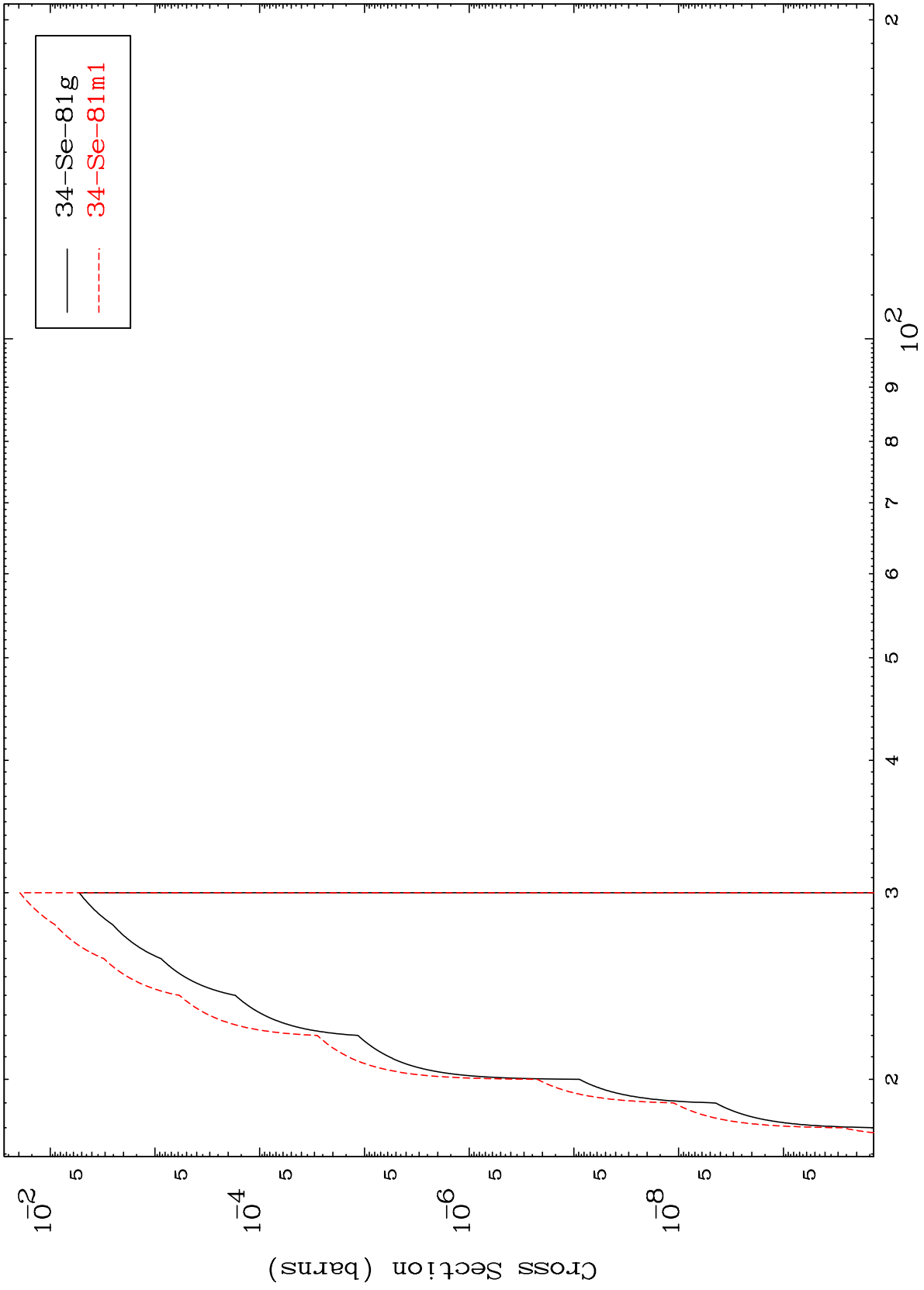
Incident Energy (MeV)

<sup>34</sup>Se-83

MAT 3453

34-Se-83

(d,3n) p  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

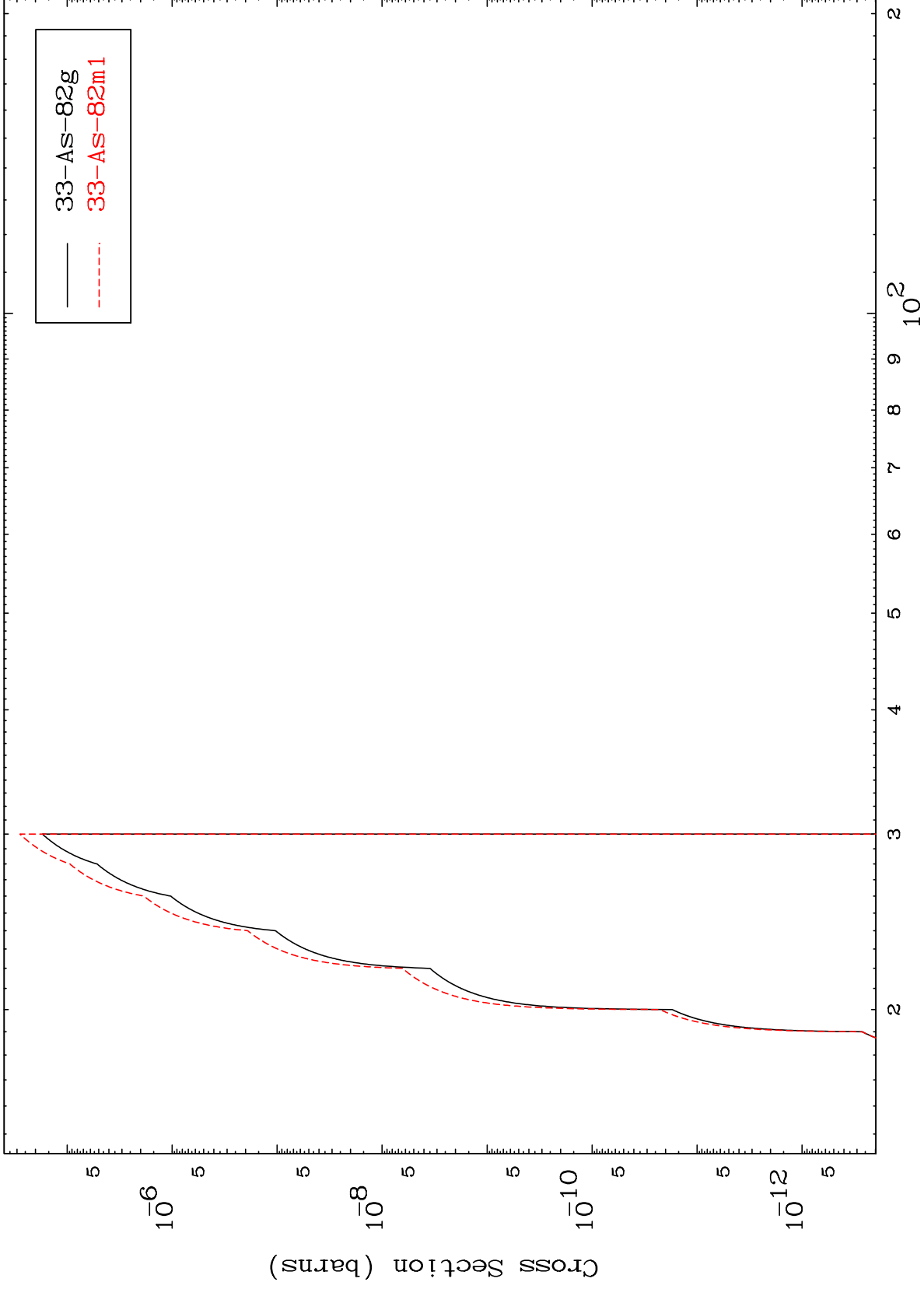
34-Se-83

MAT 3453

(d,2n) p

<sup>34</sup>Se-83

Radionuclide Production Cross Section



18

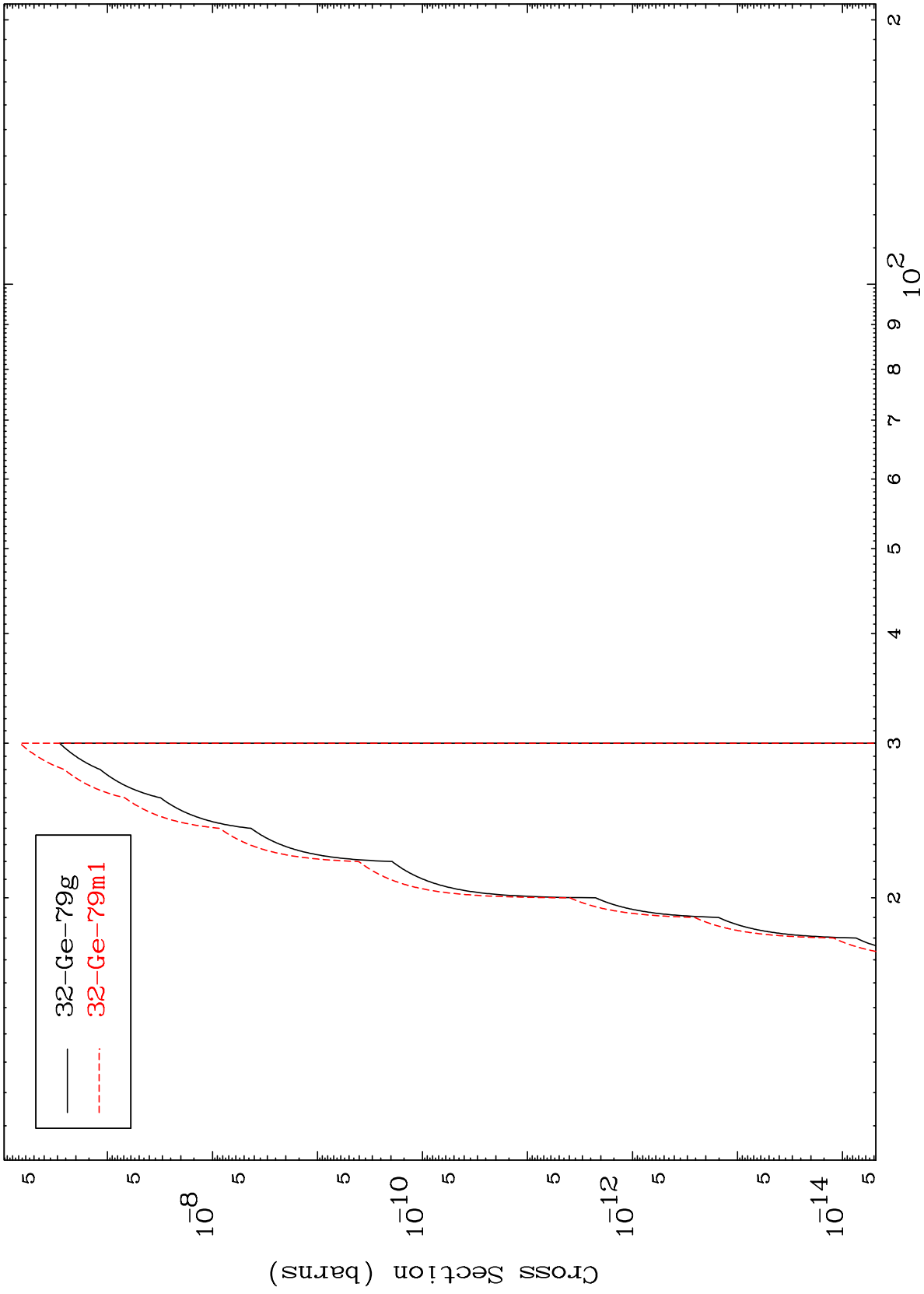
Incident Energy (MeV)

<sup>34</sup>Se-83

MAT 3453

34-<sup>Se-83</sup>

(d,n') p  $\alpha$   
Radionuclide Production Cross Section



19

Incident Energy (MeV)

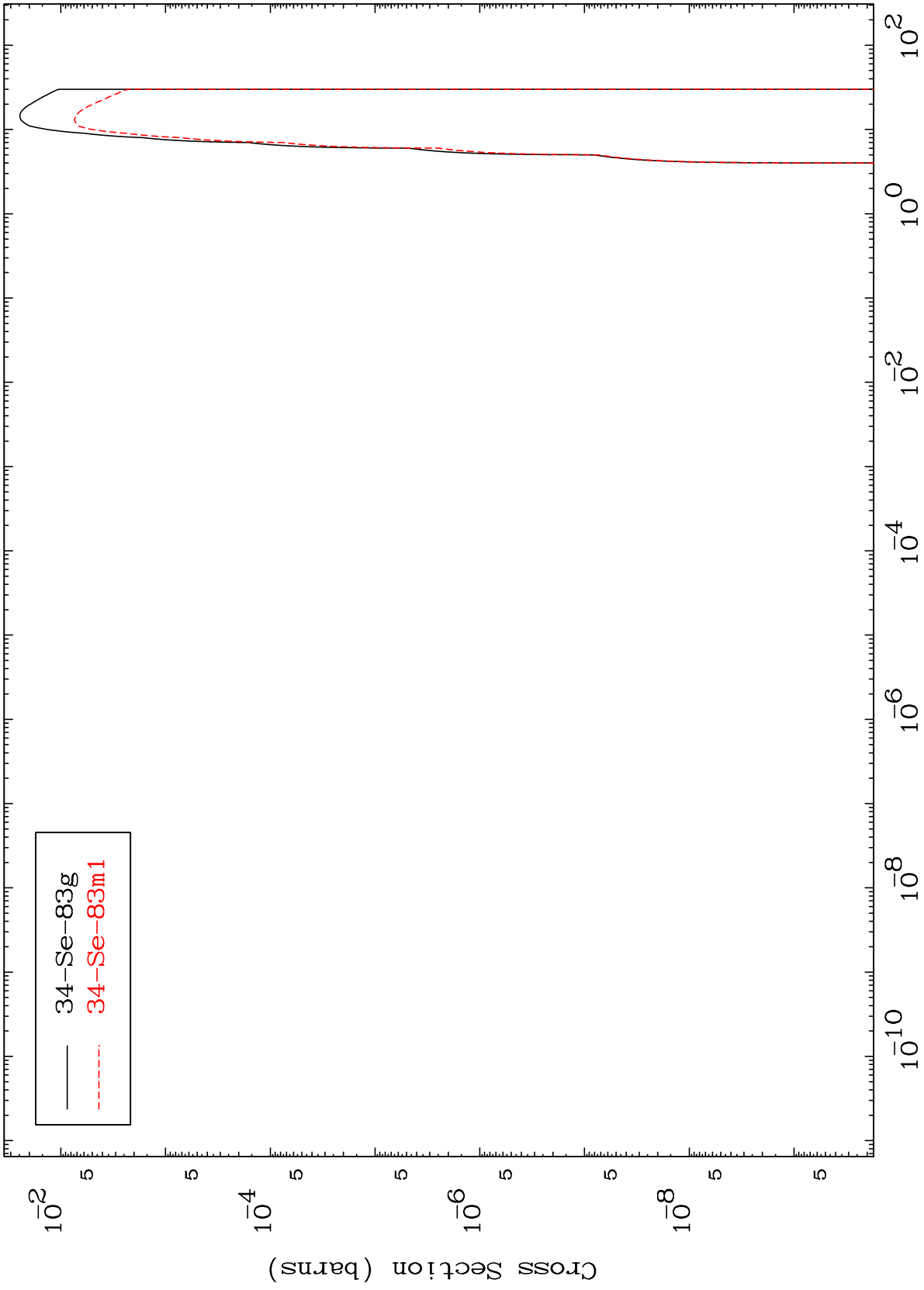
34-<sup>Se-83</sup>

MAT 3453

(d,d)

<sup>34</sup>Se-83

Radionuclide Production Cross Section



20

Incident Energy (MeV)

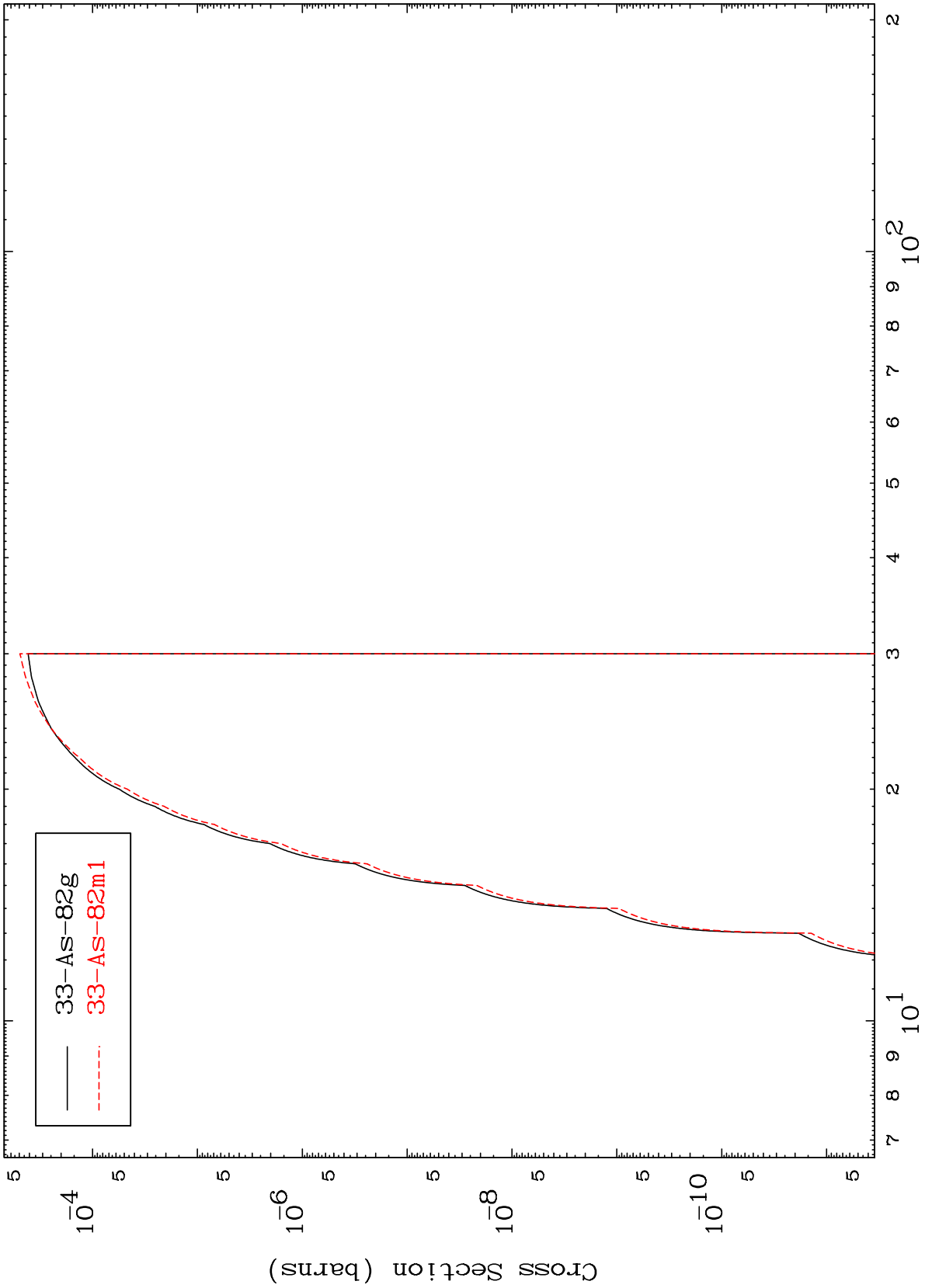
<sup>34</sup>Se-83

MAT 3453

(d,He-3)

34-Se-83

Radionuclide Production Cross Section

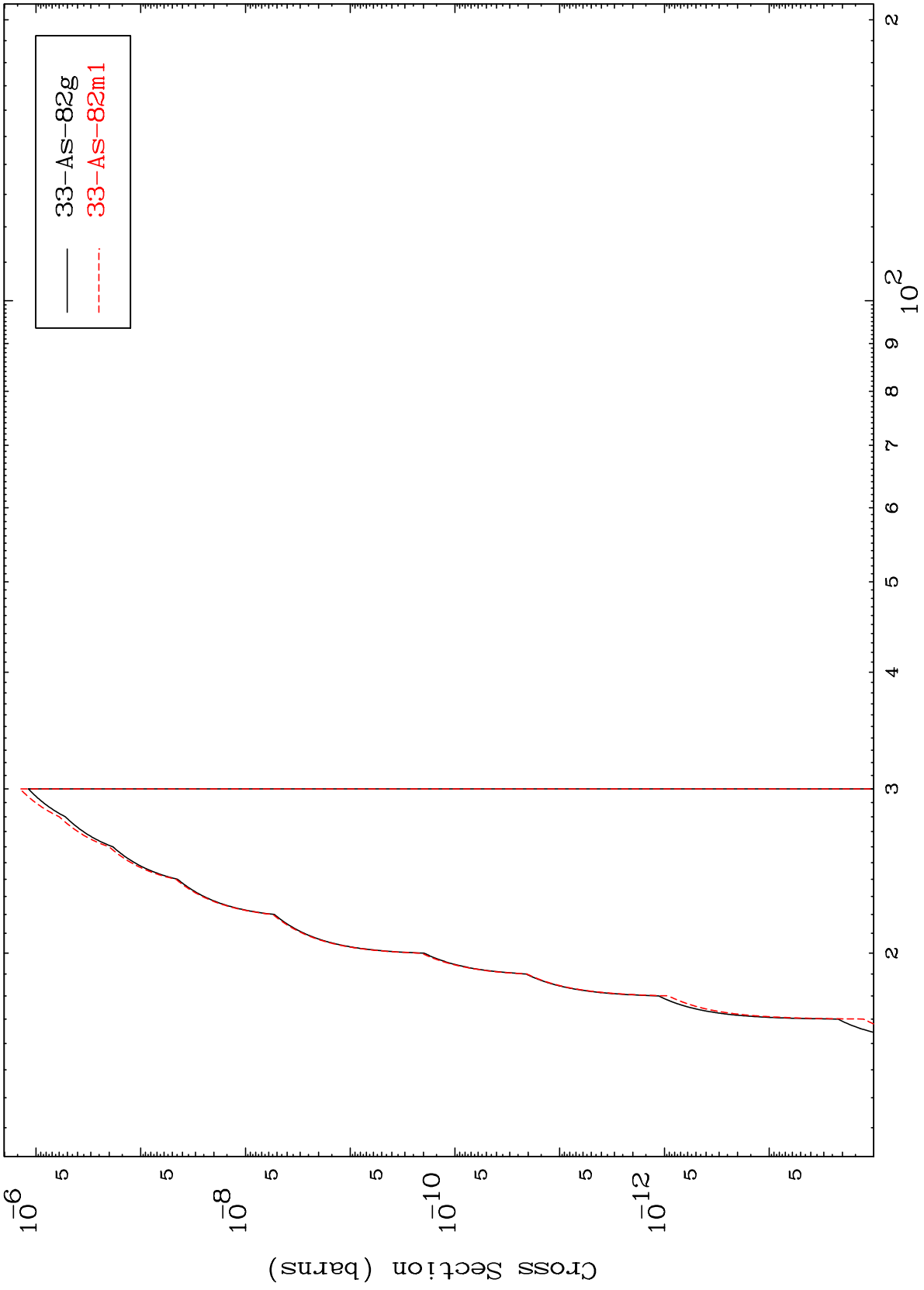


MAT 3453

(d,p) d

34-Se-83

Radionuclide Production Cross Section



22

Incident Energy (MeV)

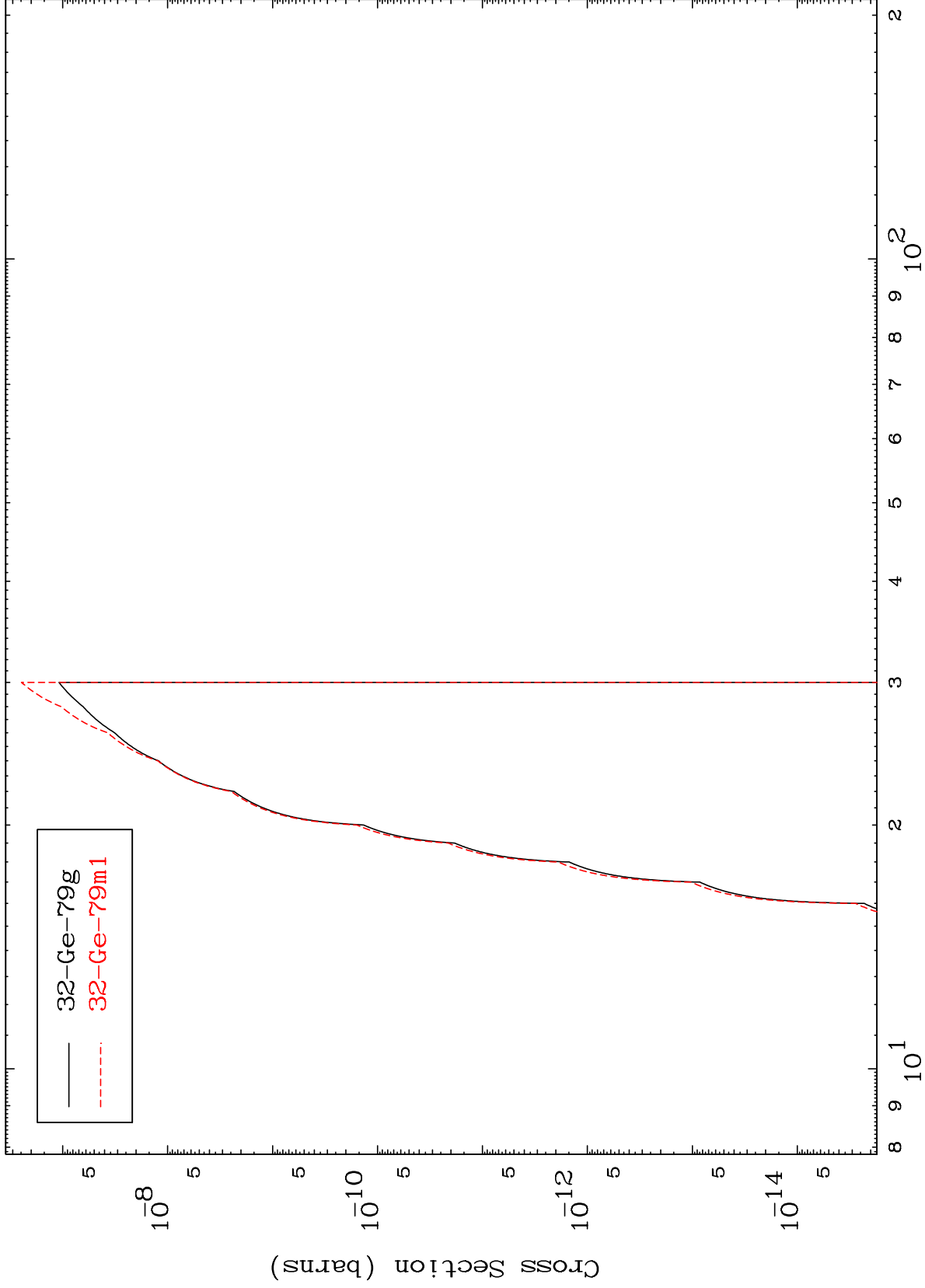
34-Se-83

MAT 3453

(d,d)  $\alpha$

34-<sup>Se</sup>-83

Radionuclide Production Cross Section



23

Incident Energy (MeV)

34-<sup>Se</sup>-83