

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

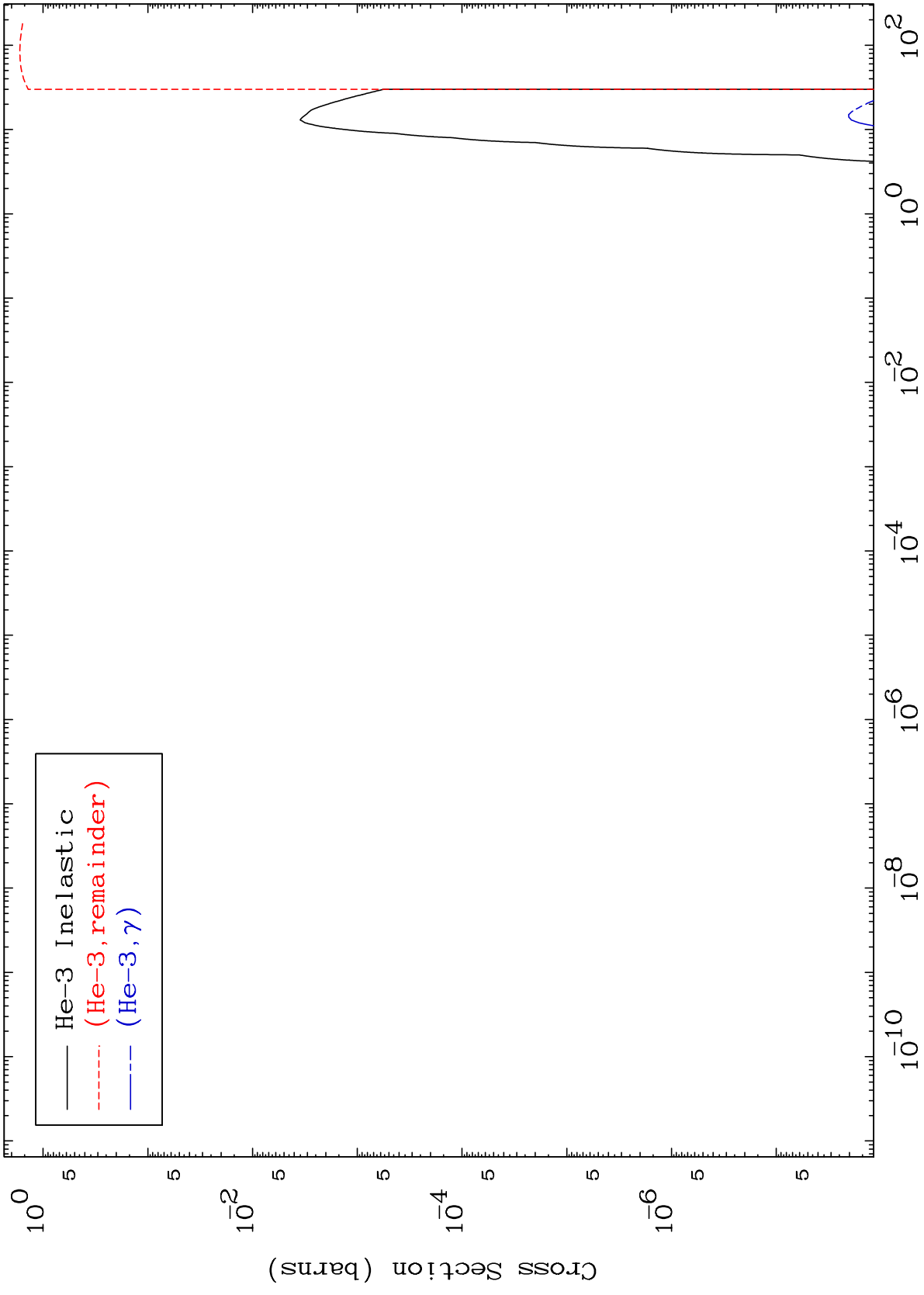
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3453

He-3 Major  
0 Kelvin Cross Sections

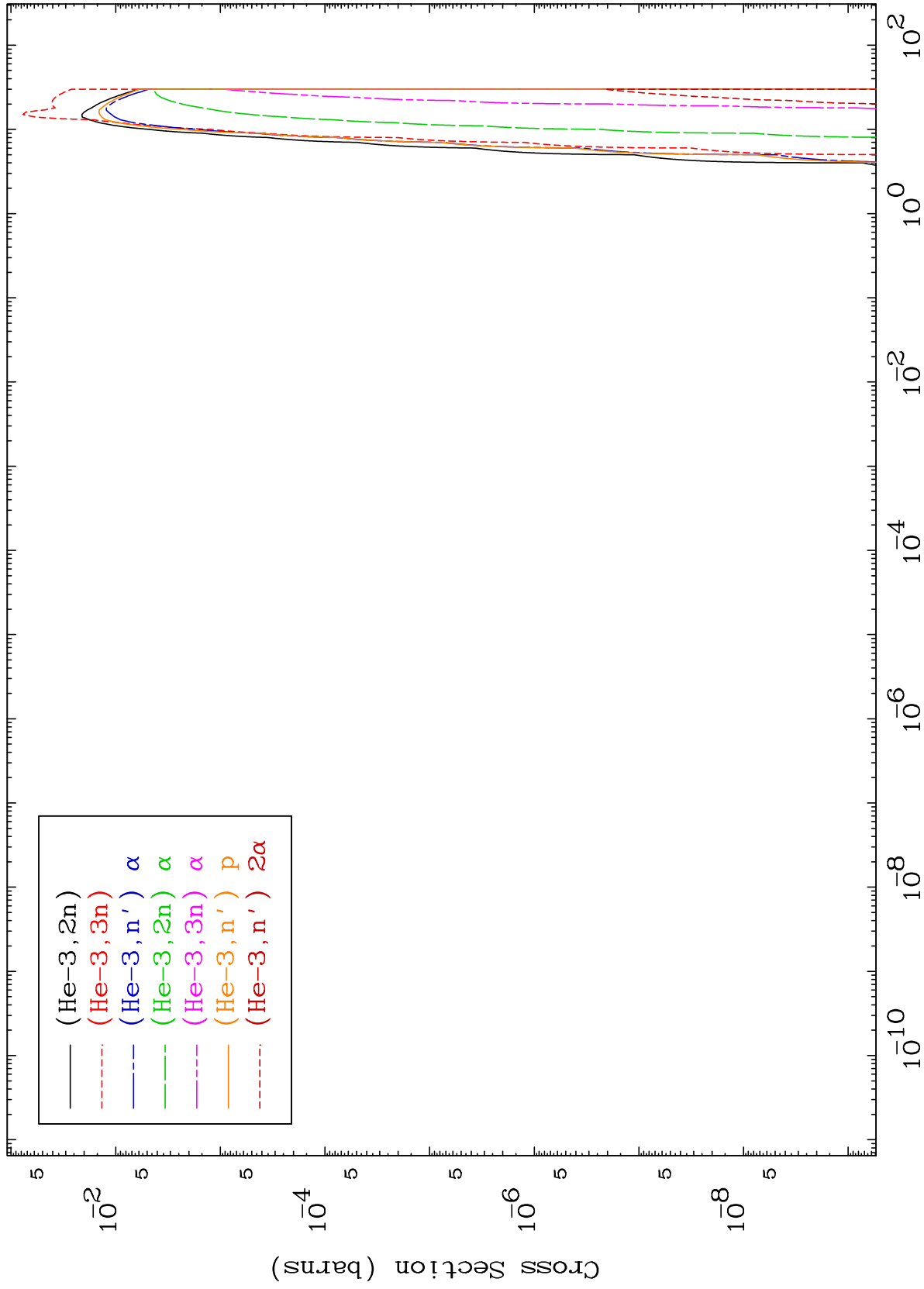
34-Se-83



MAT 3453

He-3 Neutron Production  
0 Kelvin Cross Sections

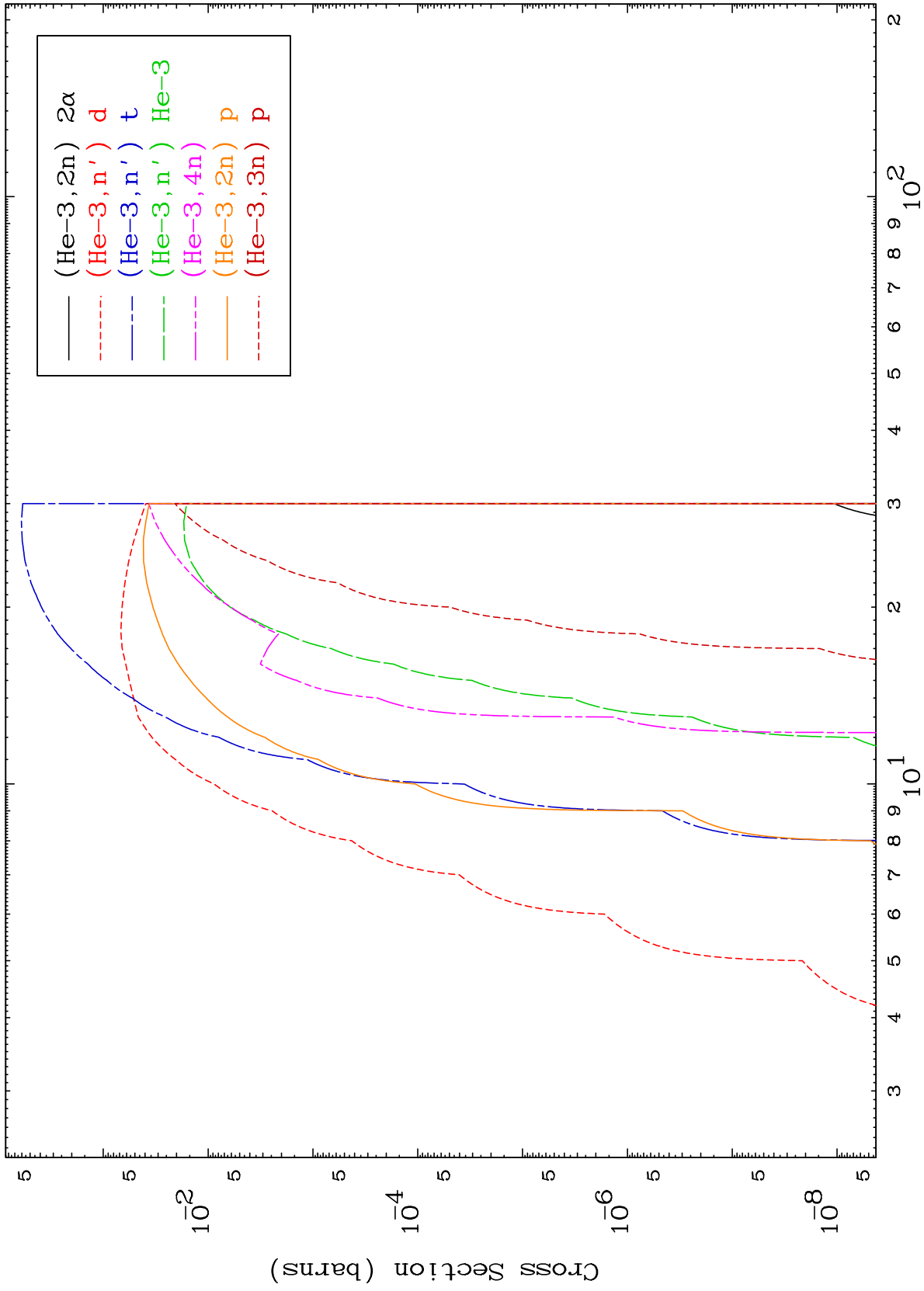
34-Se-83



2

Incident Energy (MeV)

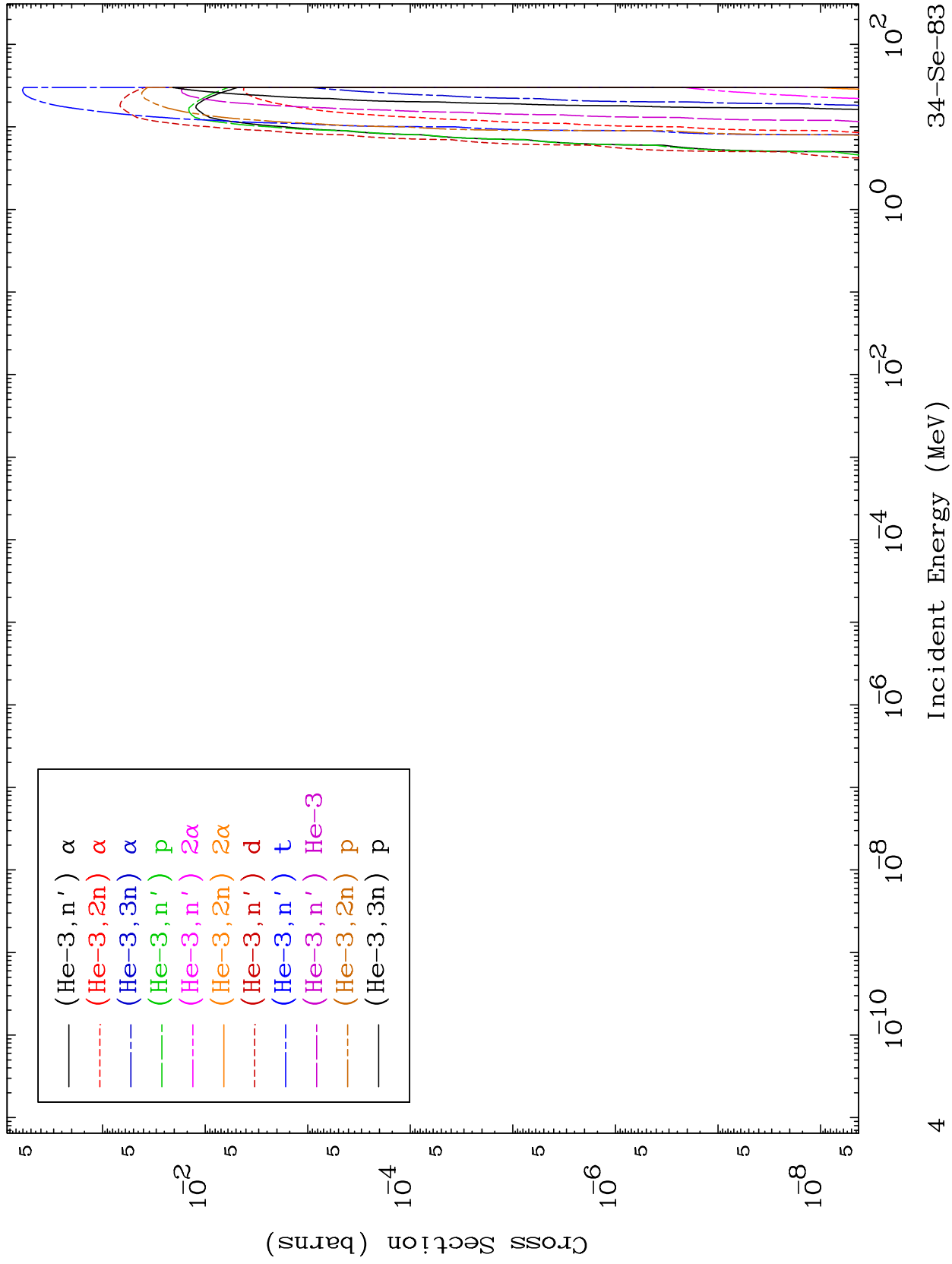
34-Se-83



MAT 3453

He-3 Charged Particle  
0 Kelvin Cross Sections

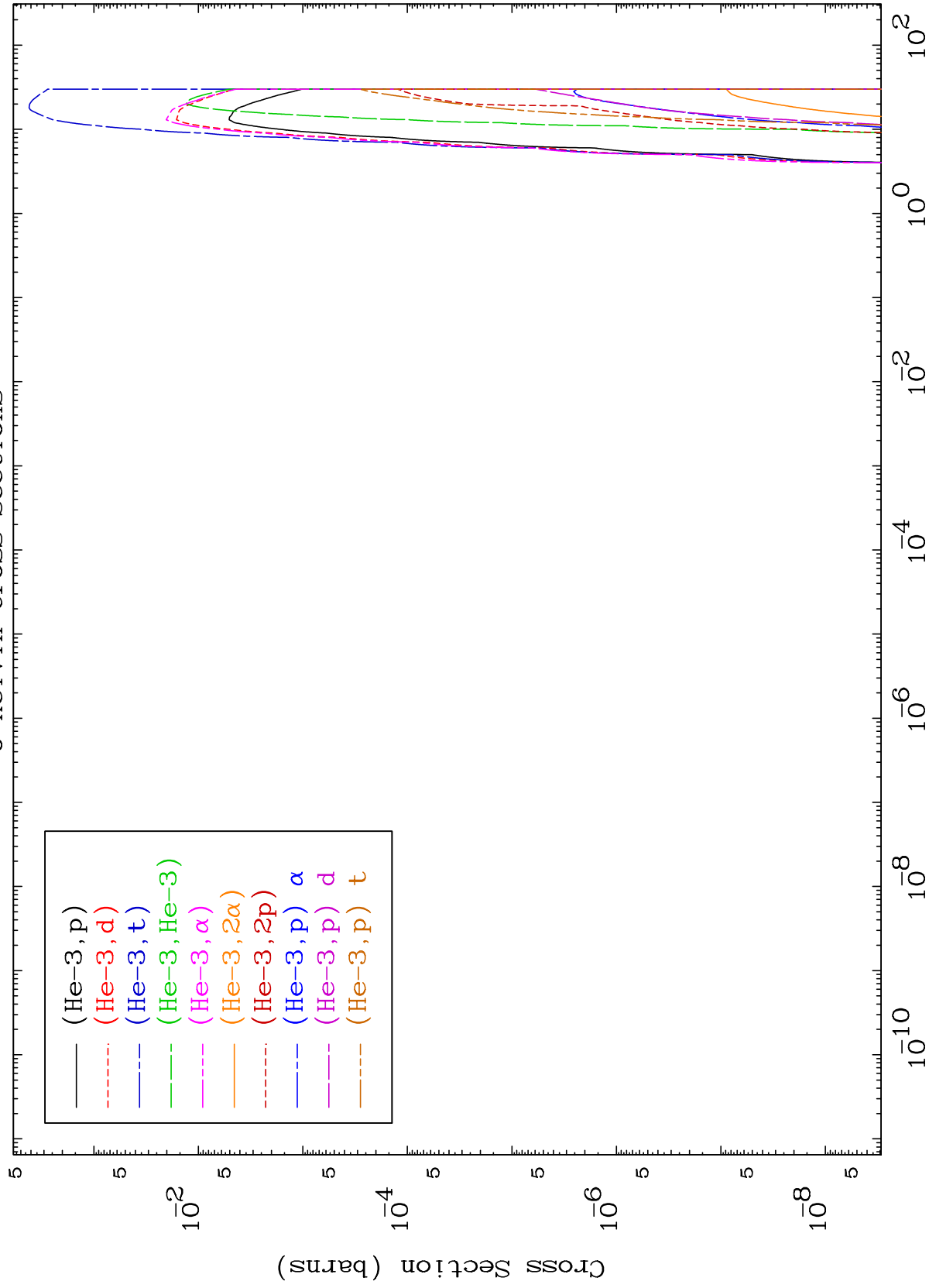
34-Se-83



MAT 3453

He-3 Charged Particle  
0 Kelvin Cross Sections

34-Se-83



5

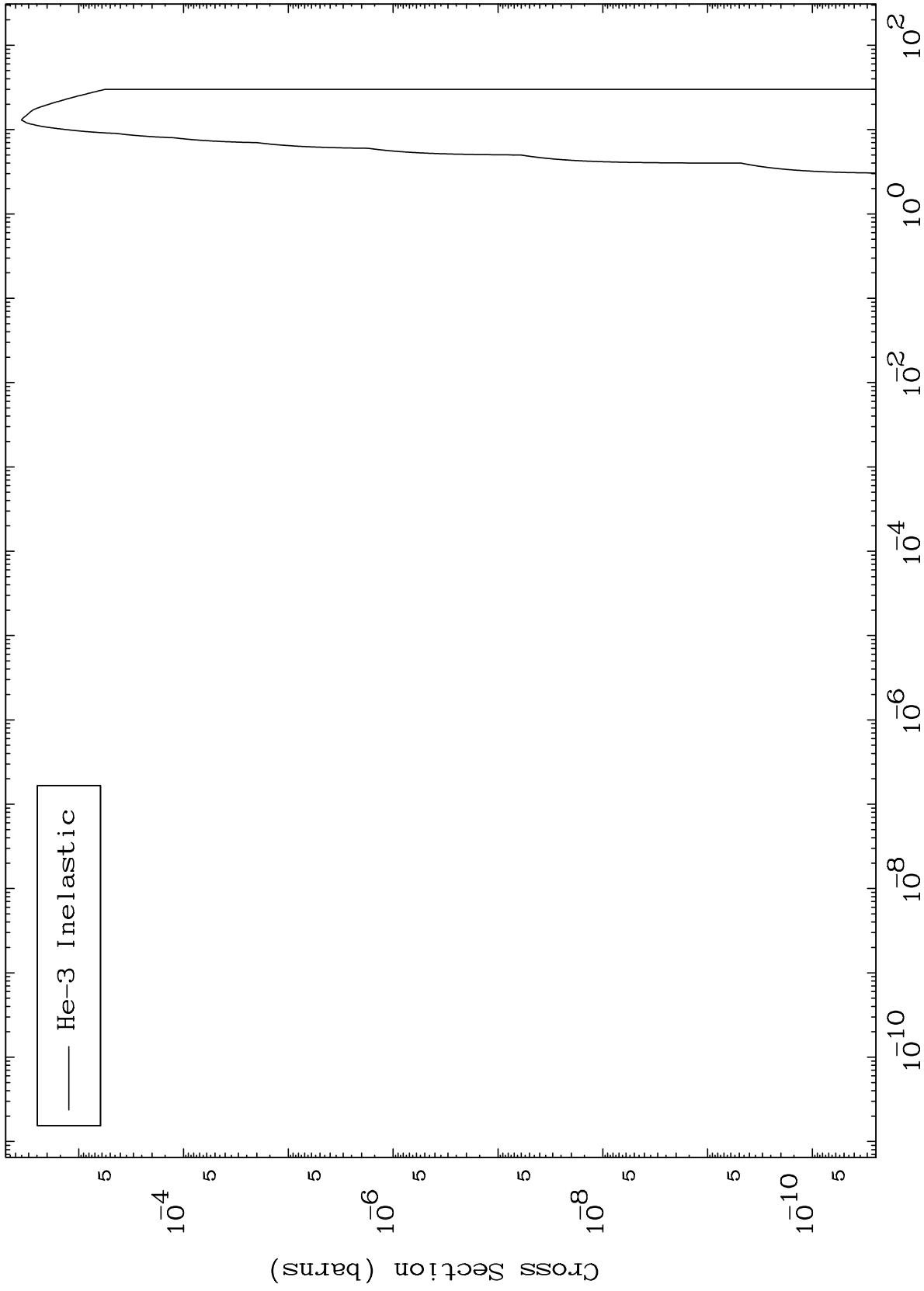
Incident Energy (MeV)

34-Se-83

MAT 3453

(He-3, n') Level  
0 Kelvin Cross Sections

34-Se-83



6

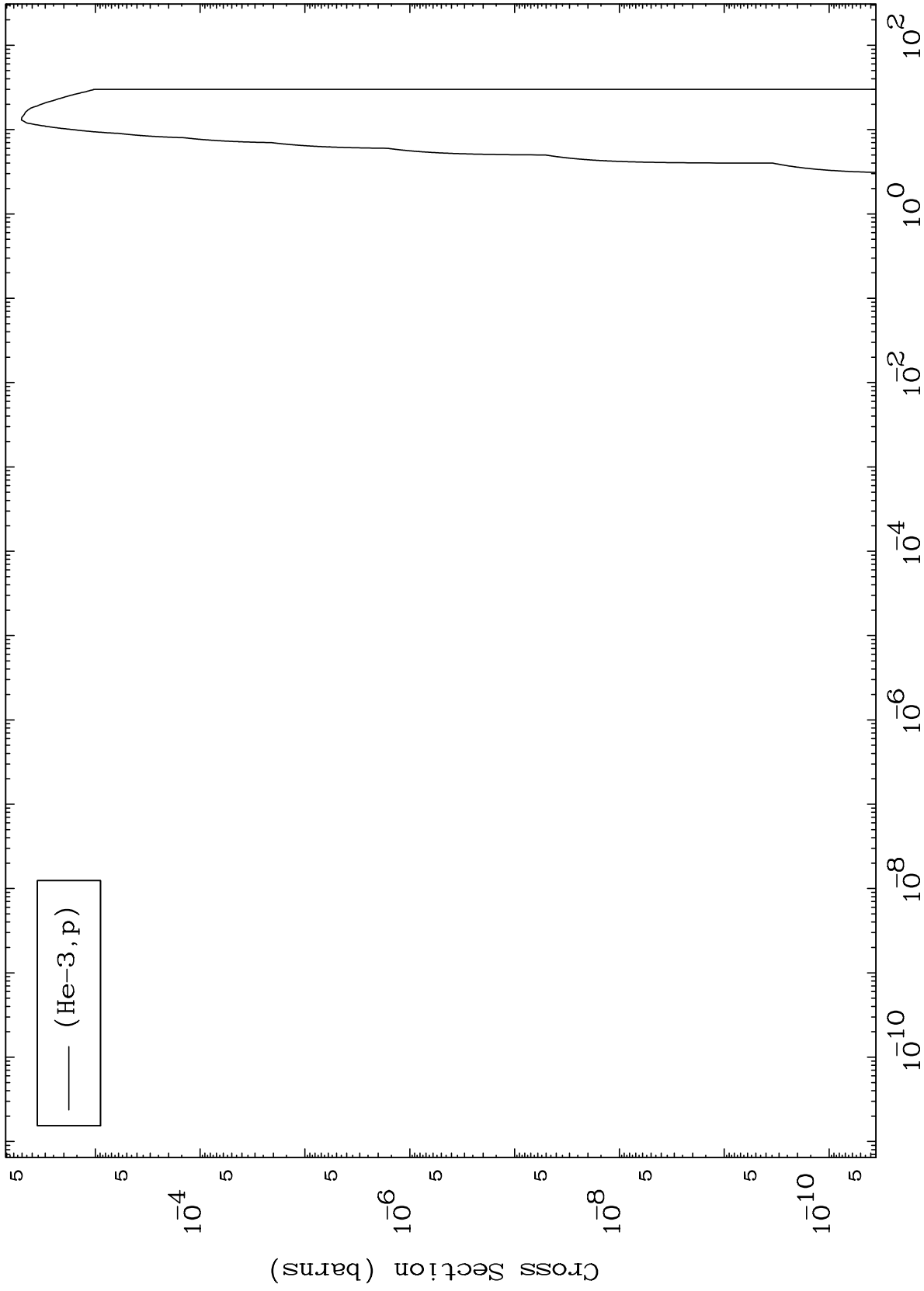
Incident Energy (MeV)

34-Se-83

MAT 3453

(He-3,p) Levels  
0 Kelvin Cross Sections

34-Se-83



7

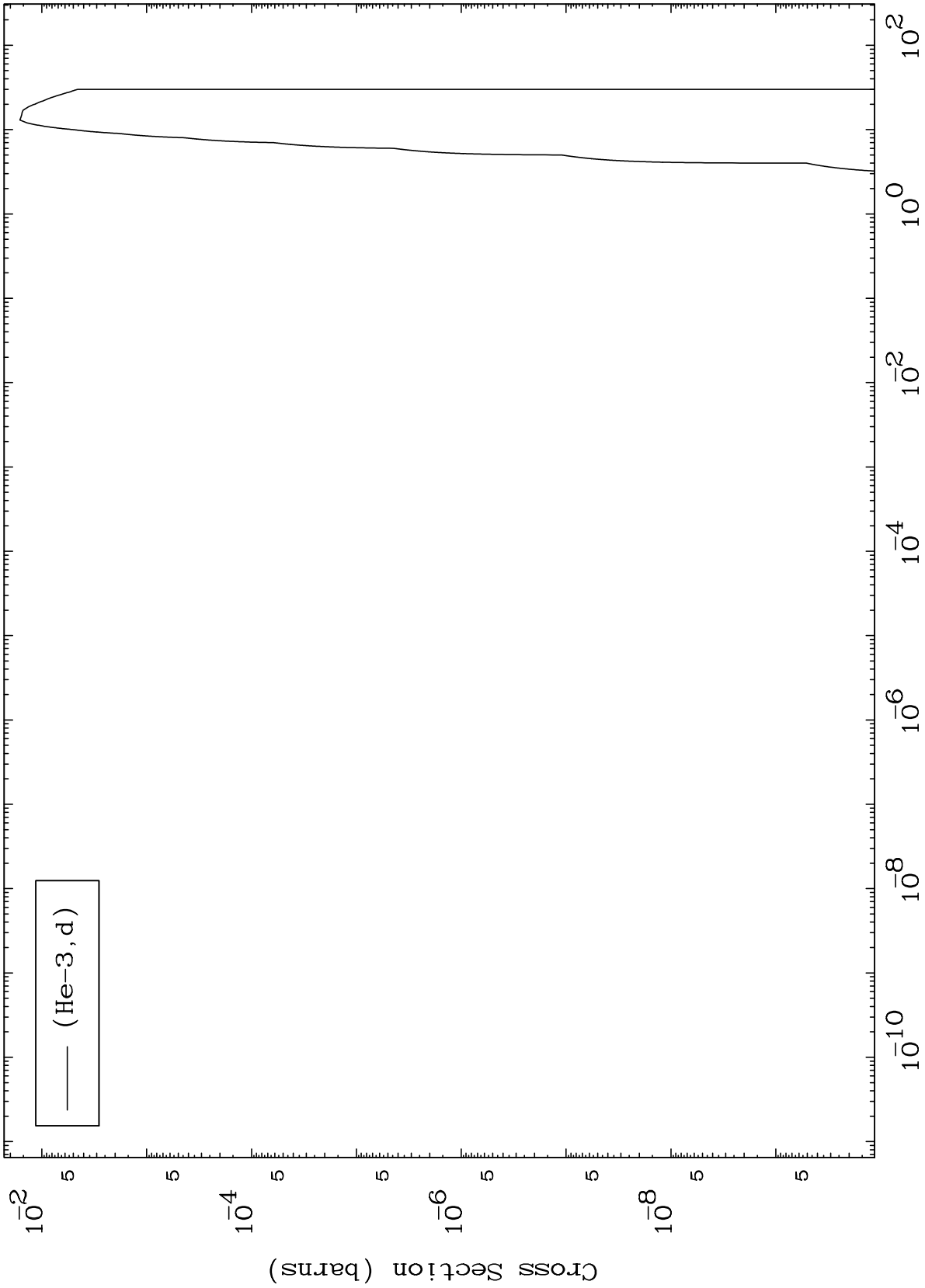
Incident Energy (MeV)

34-Se-83

MAT 3453

(He-3,d) Levels  
0 Kelvin Cross Sections

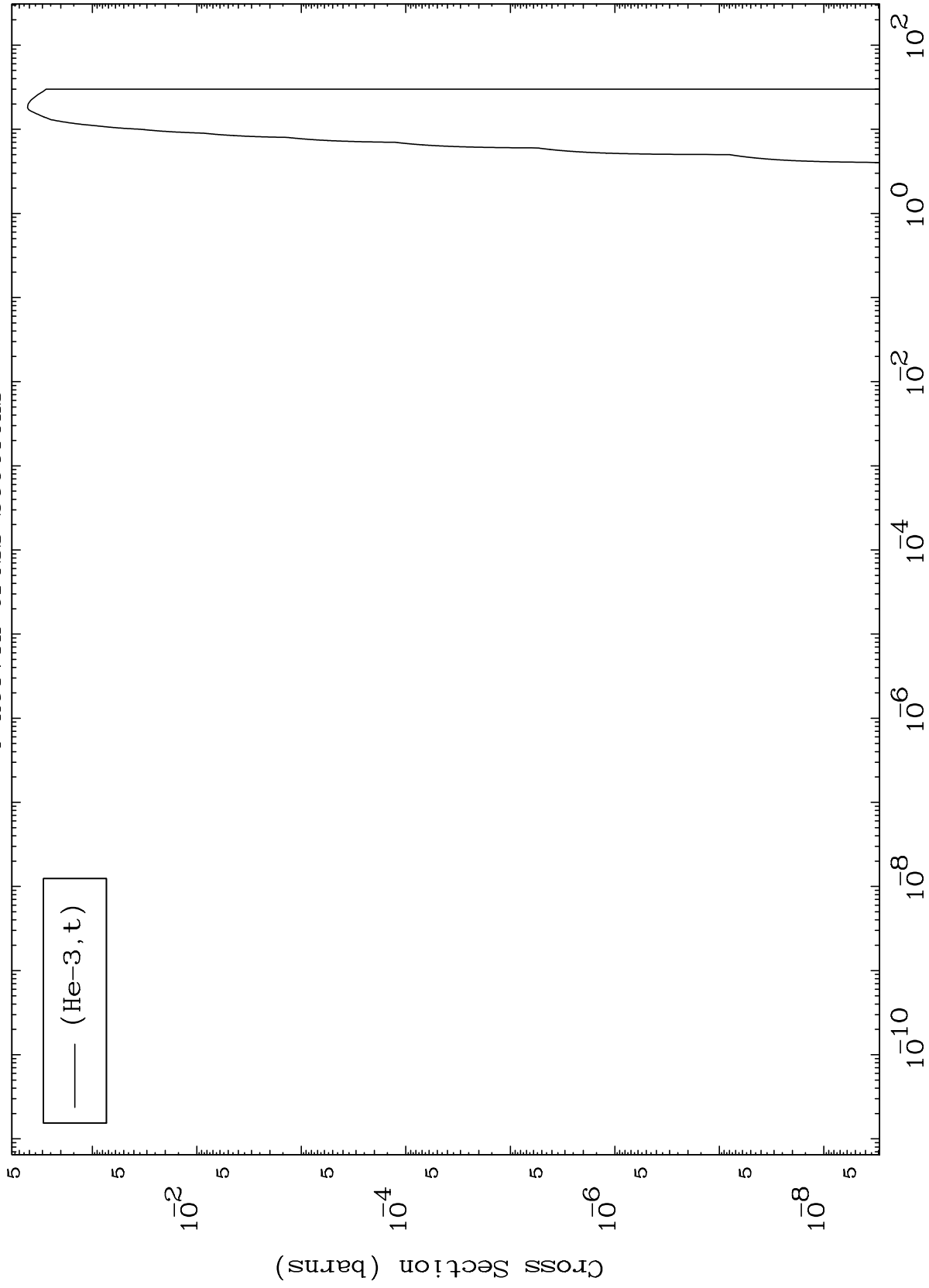
34-Se-83



MAT 3453

(He-3,t) Levels  
0 Kelvin Cross Sections

34-Se-83



9

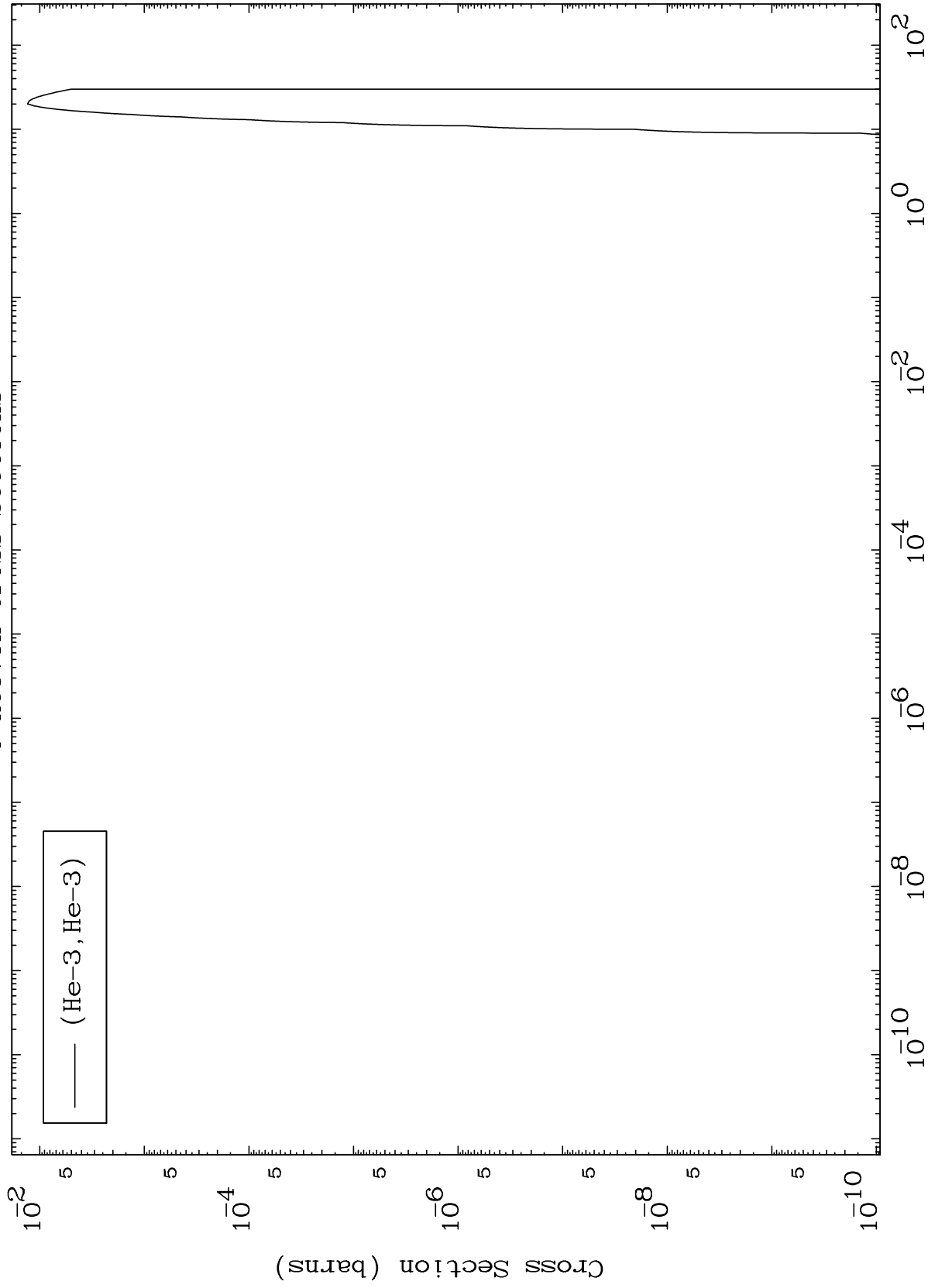
Incident Energy (MeV)

34-Se-83

MAT 3453

(He-3, He3) Levels  
0 Kelvin Cross Sections

34-Se-83



— (He-3, He-3)

10

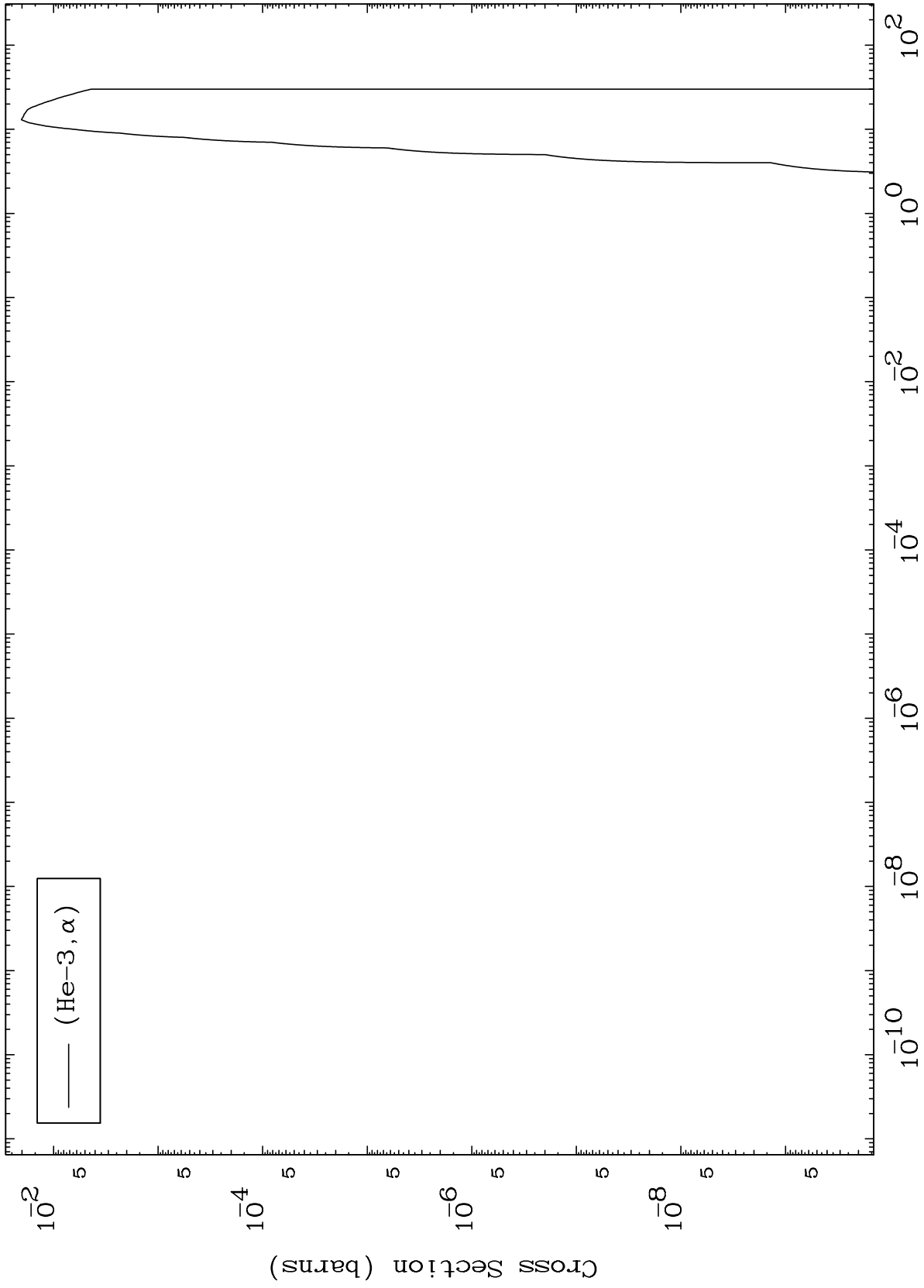
Incident Energy (MeV)

34-Se-83

MAT 3453

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

34-Se-83



11

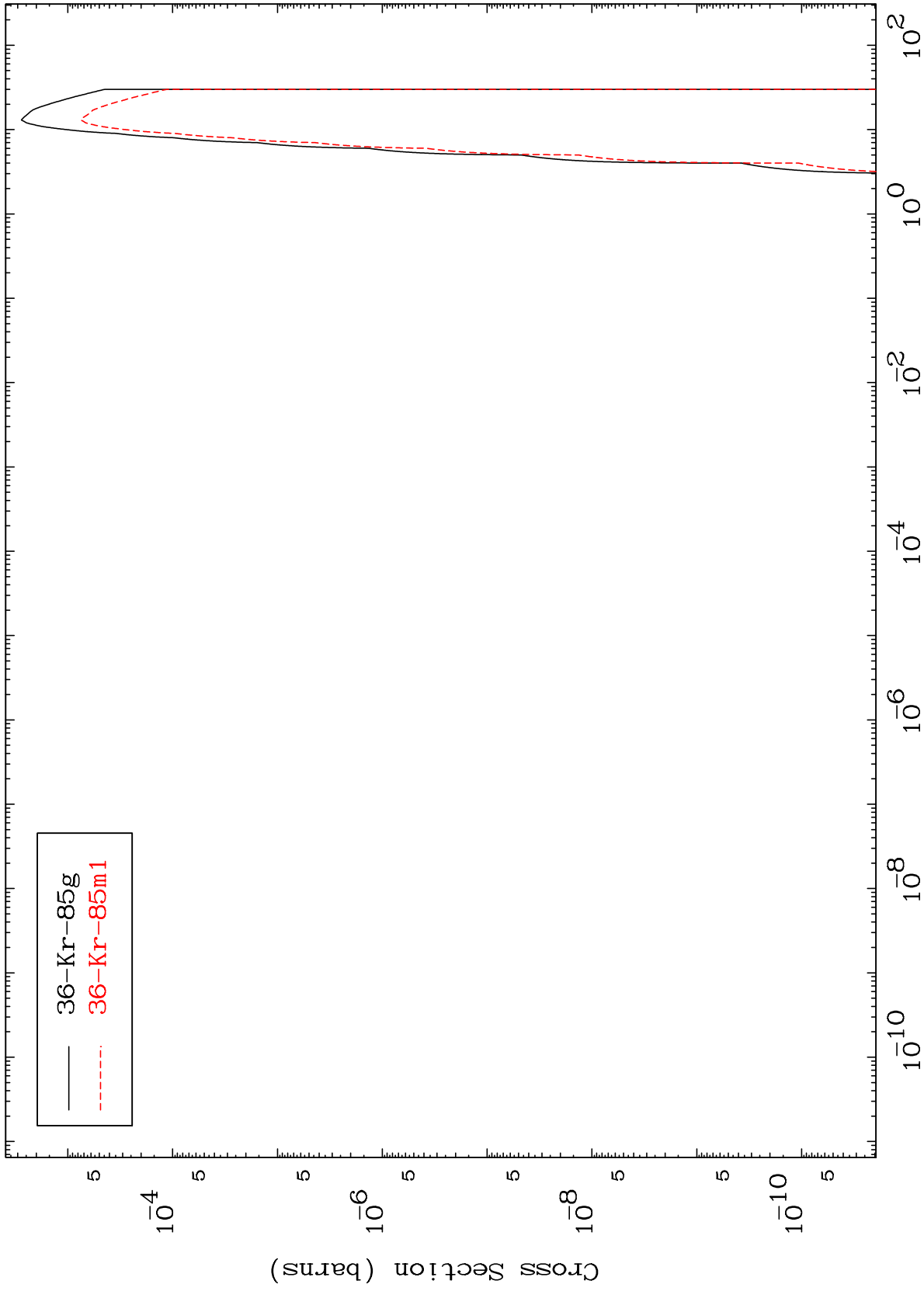
Incident Energy (MeV)

34-Se-83

MAT 3453

He-3 Inelastic  
Radionuclide Production Cross Section

34-Se-83

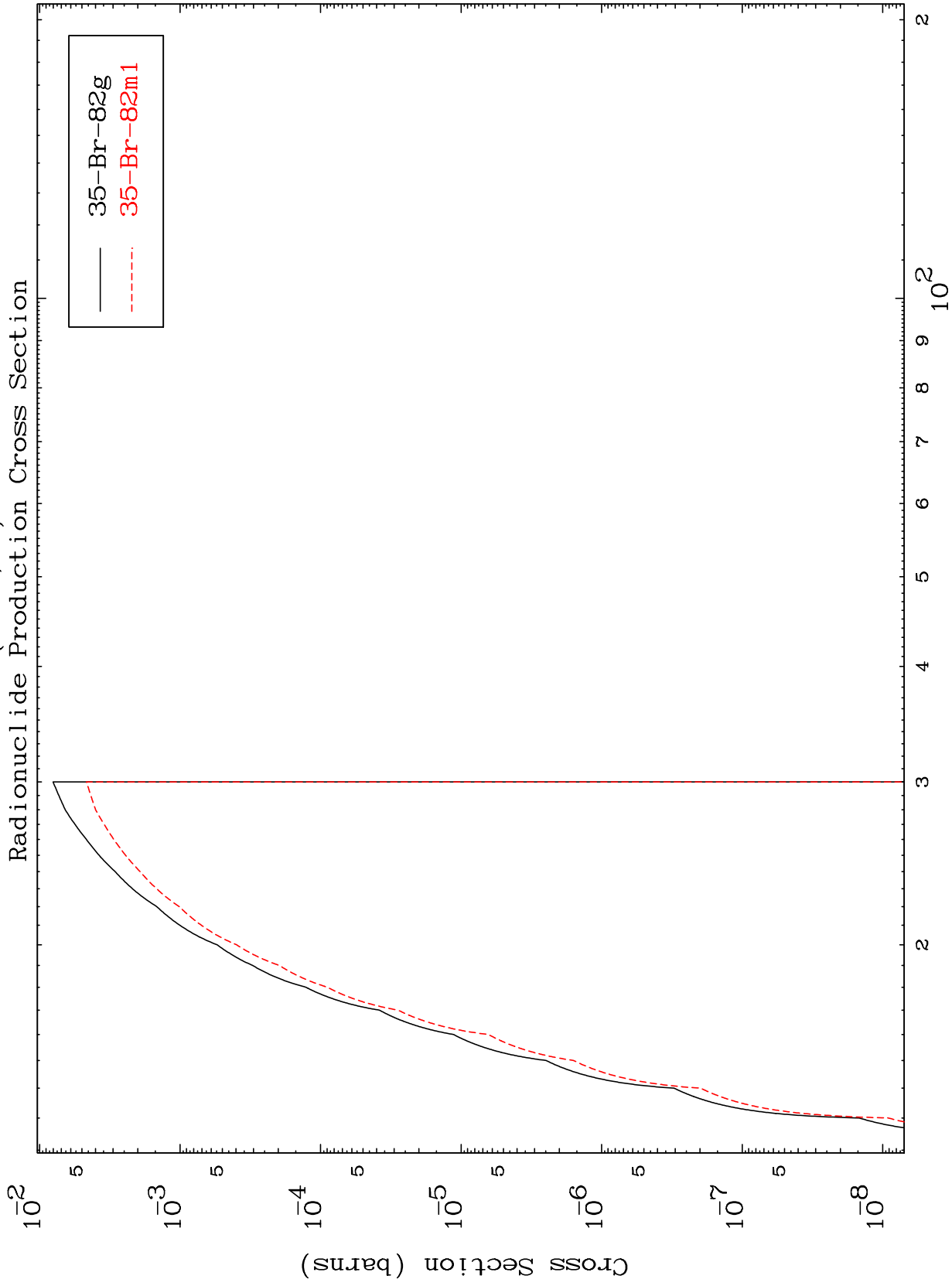


34-Se-83

MAT 3453

(He-3,2n) d

34-Se-83



13

Incident Energy (MeV)

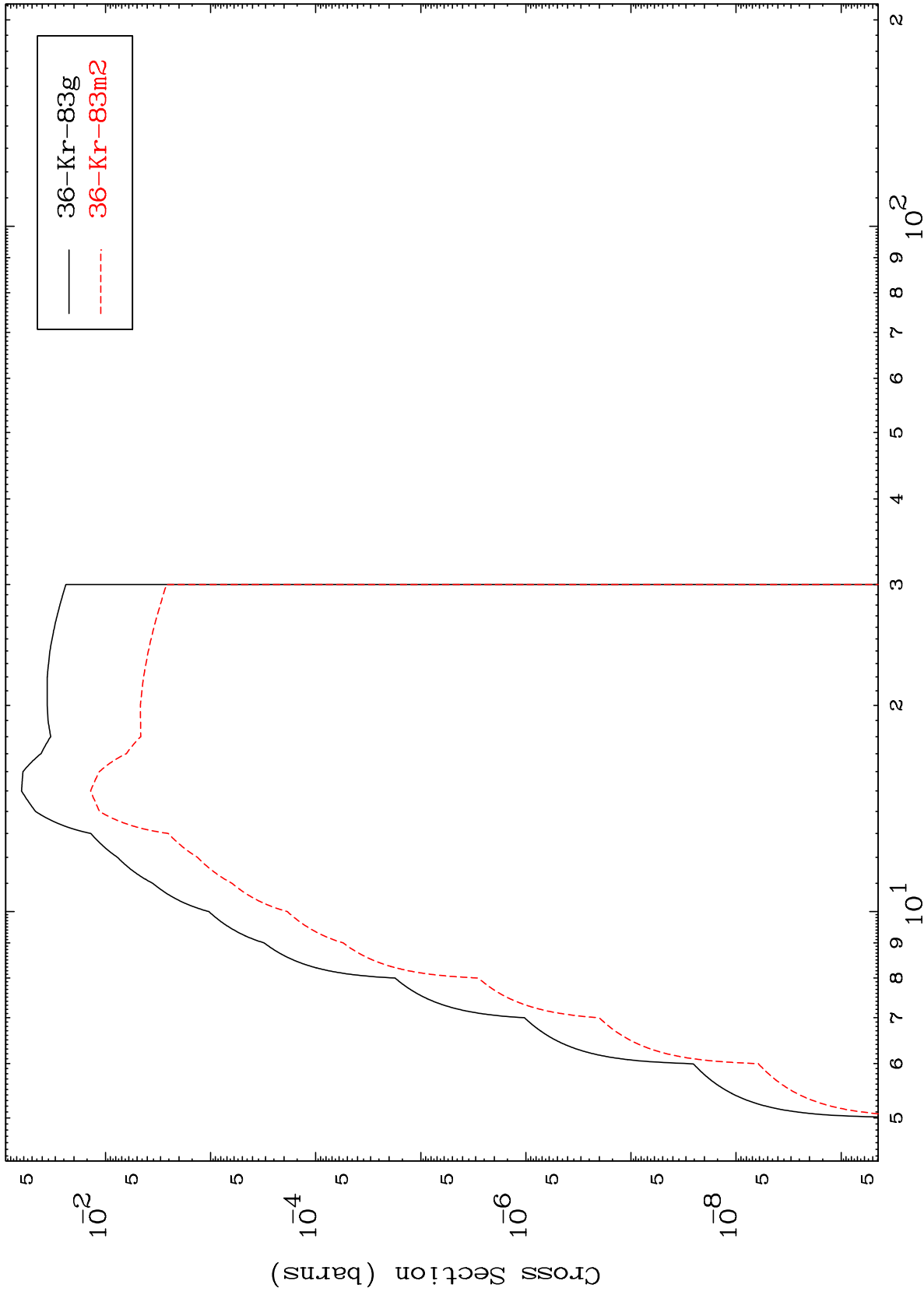
34-Se-83

MAT 3453

(He-3,3n)

34-Se-83

Radionuclide Production Cross Section



14

Incident Energy (MeV)

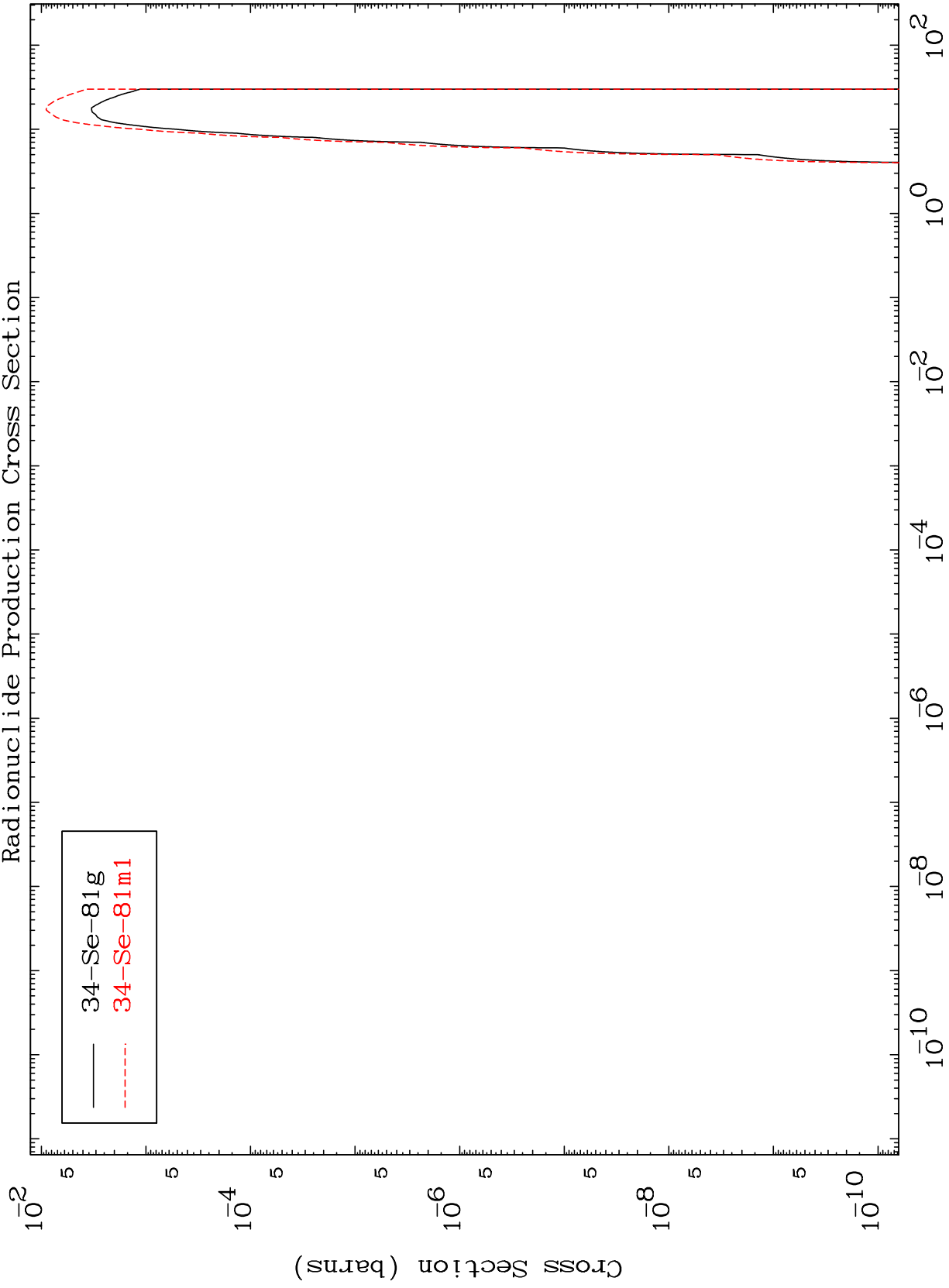
34-Se-83

MAT 3453

(He-3, n')  $\alpha$

34-Se-83

Radionuclide Production Cross Section



15

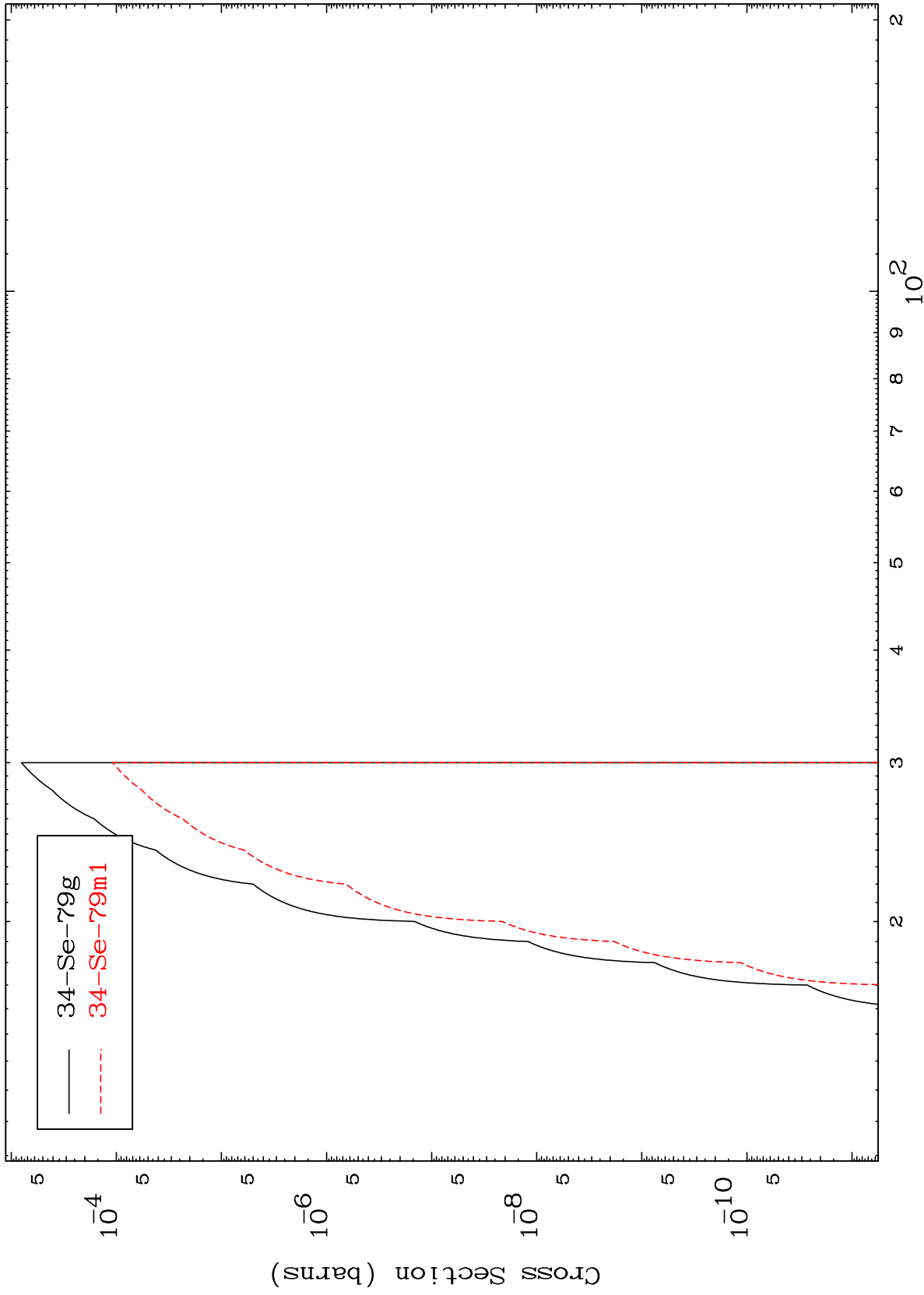
34-Se-83

MAT 3453

(He-3,3n)  $\alpha$

34-Se-83

Radionuclide Production Cross Section



16

Incident Energy (MeV)

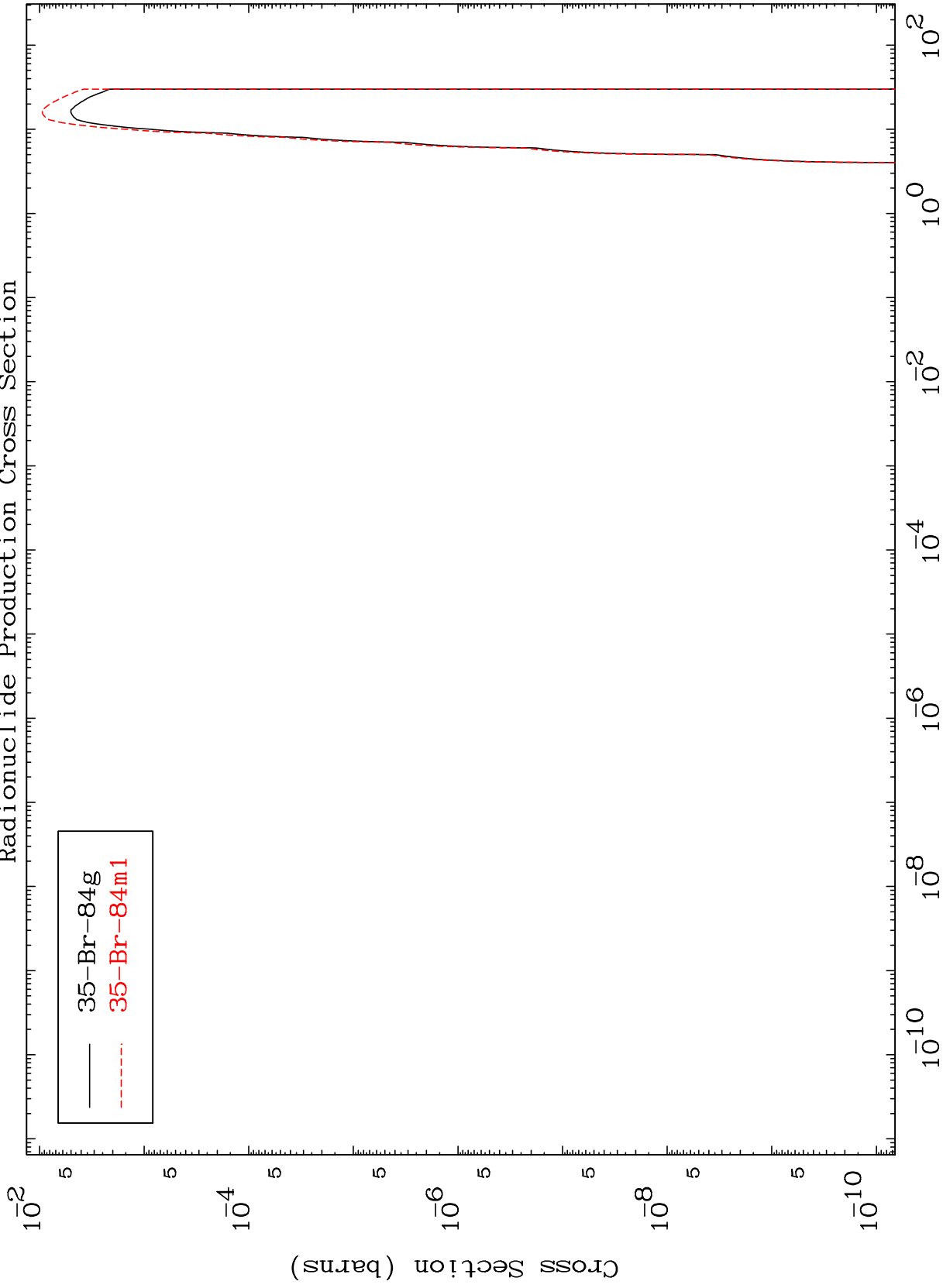
34-Se-83

MAT 3453

(He-3, n') p

34-Se-83

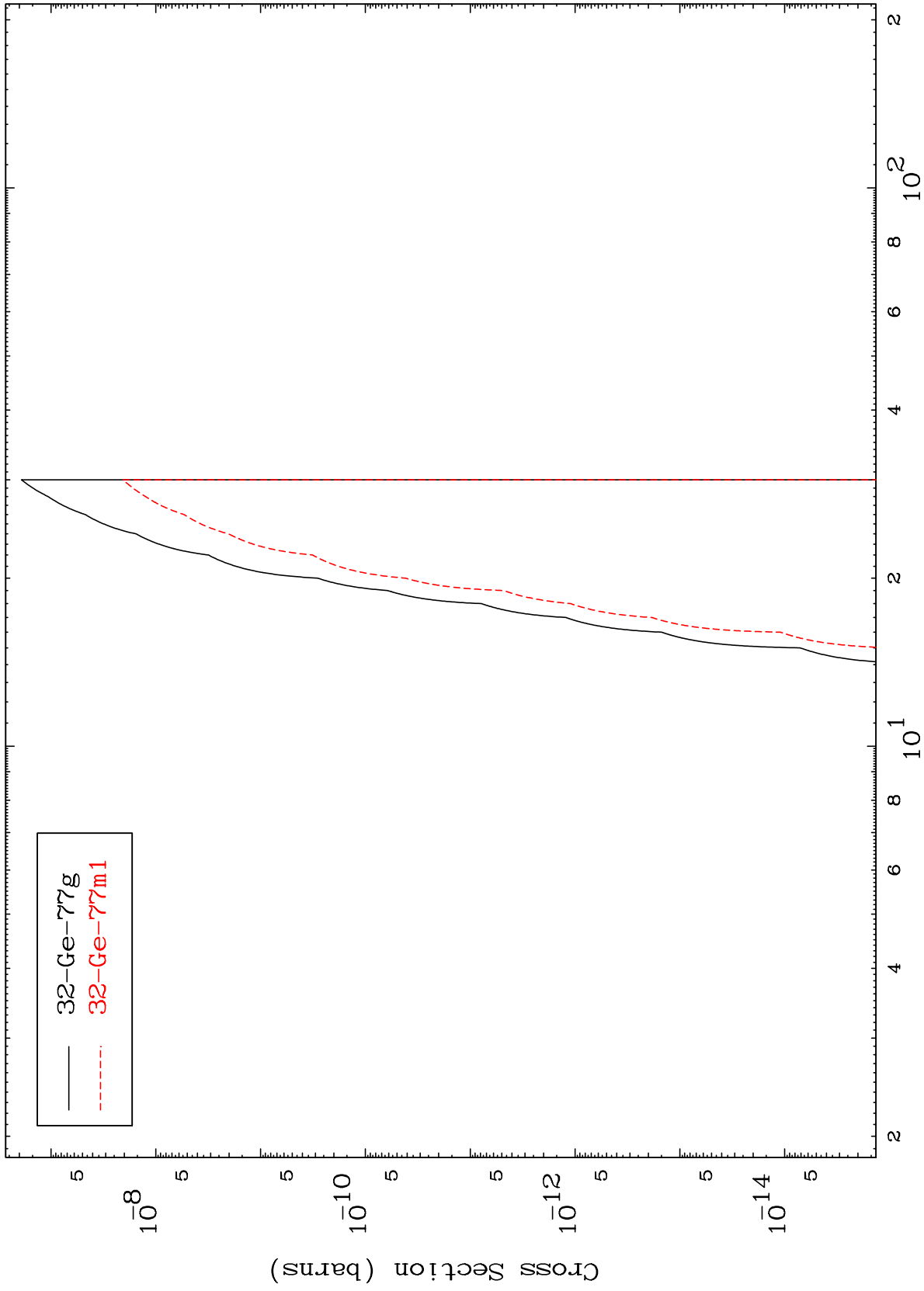
Radionuclide Production Cross Section



MAT 3453

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

(He-3, n') 2α  
Radionuclide Production Cross Section



18

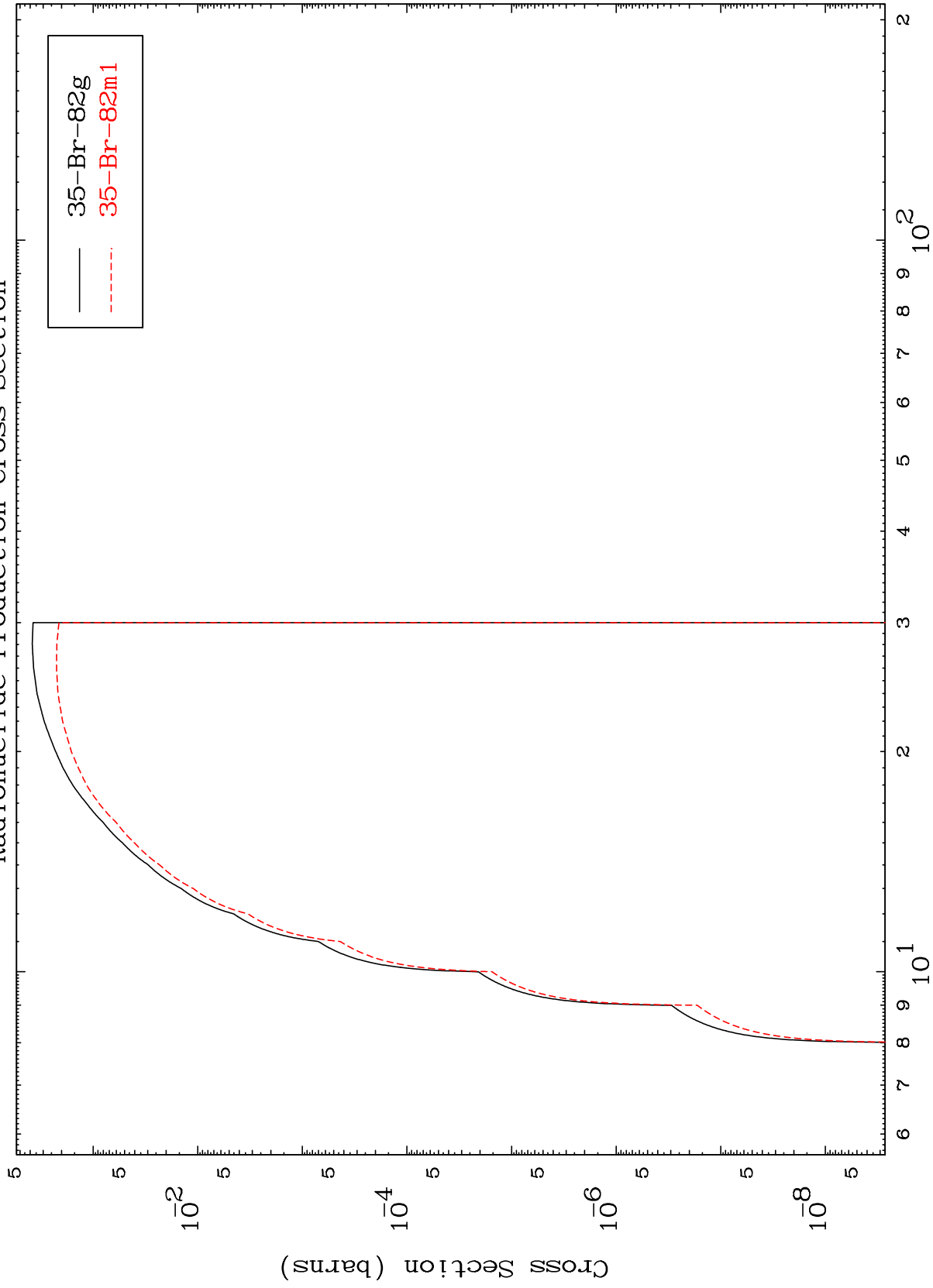
34-<sup>Se-83</sup>

MAT 3453

(He-3, n') t

34-Se-83

Radionuclide Production Cross Section



19

Incident Energy (MeV)

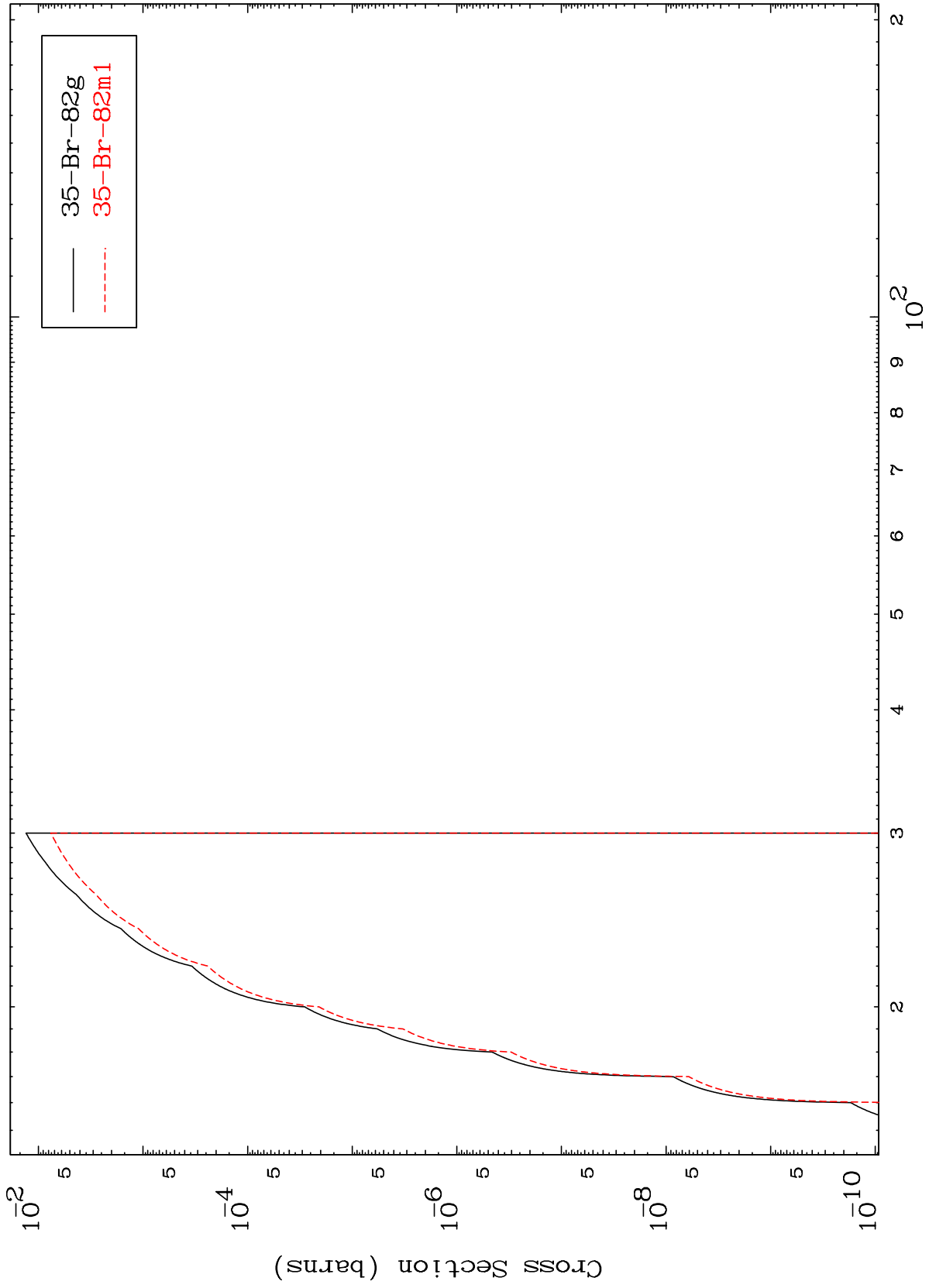
34-Se-83

MAT 3453

(He-3,3n) p

34-Se-83

Radionuclide Production Cross Section



20

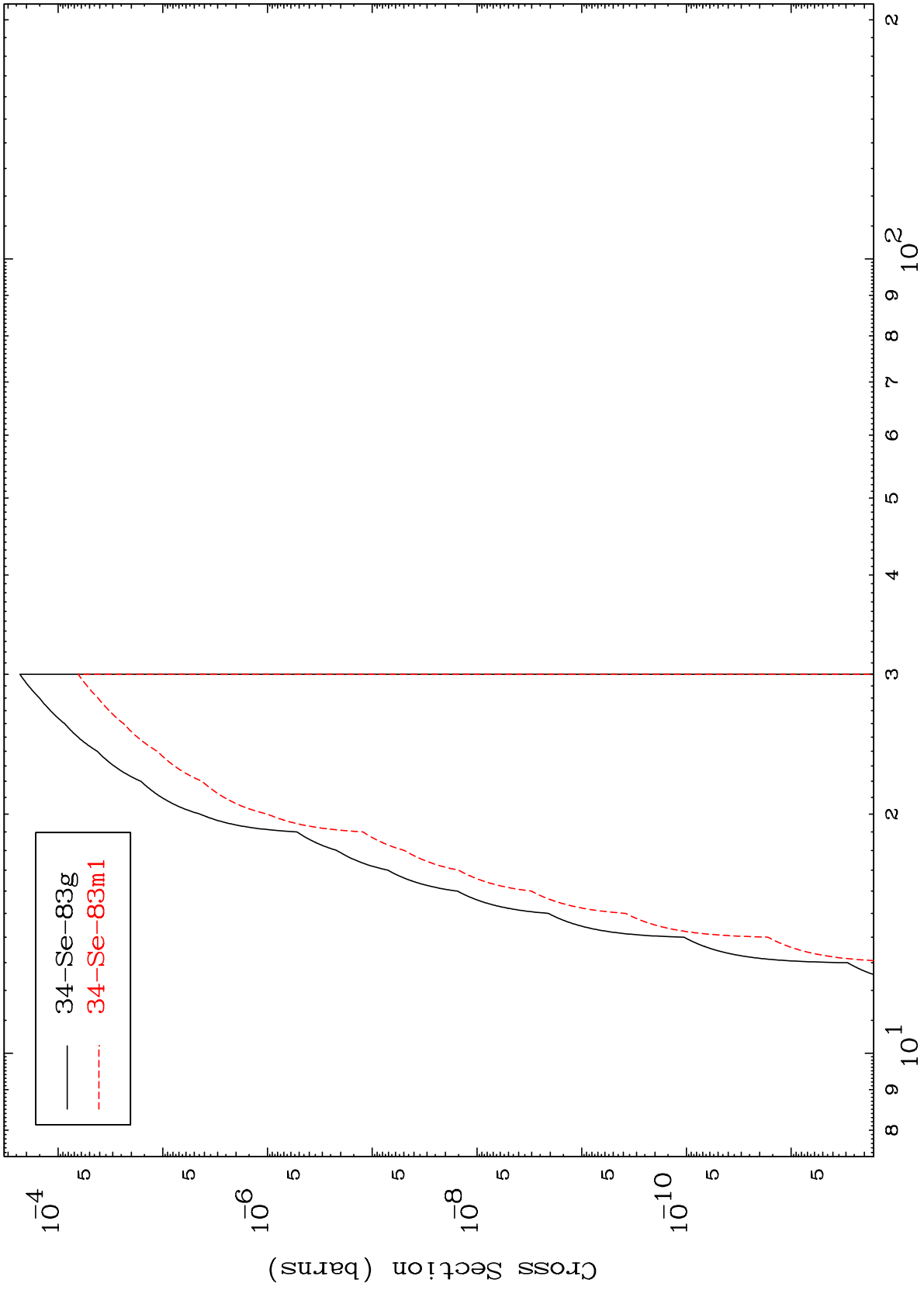
Incident Energy (MeV)

34-Se-83

MAT 3453

<sup>34</sup>Se-83

(He-3,2n) p  
Radionuclide Production Cross Section



21

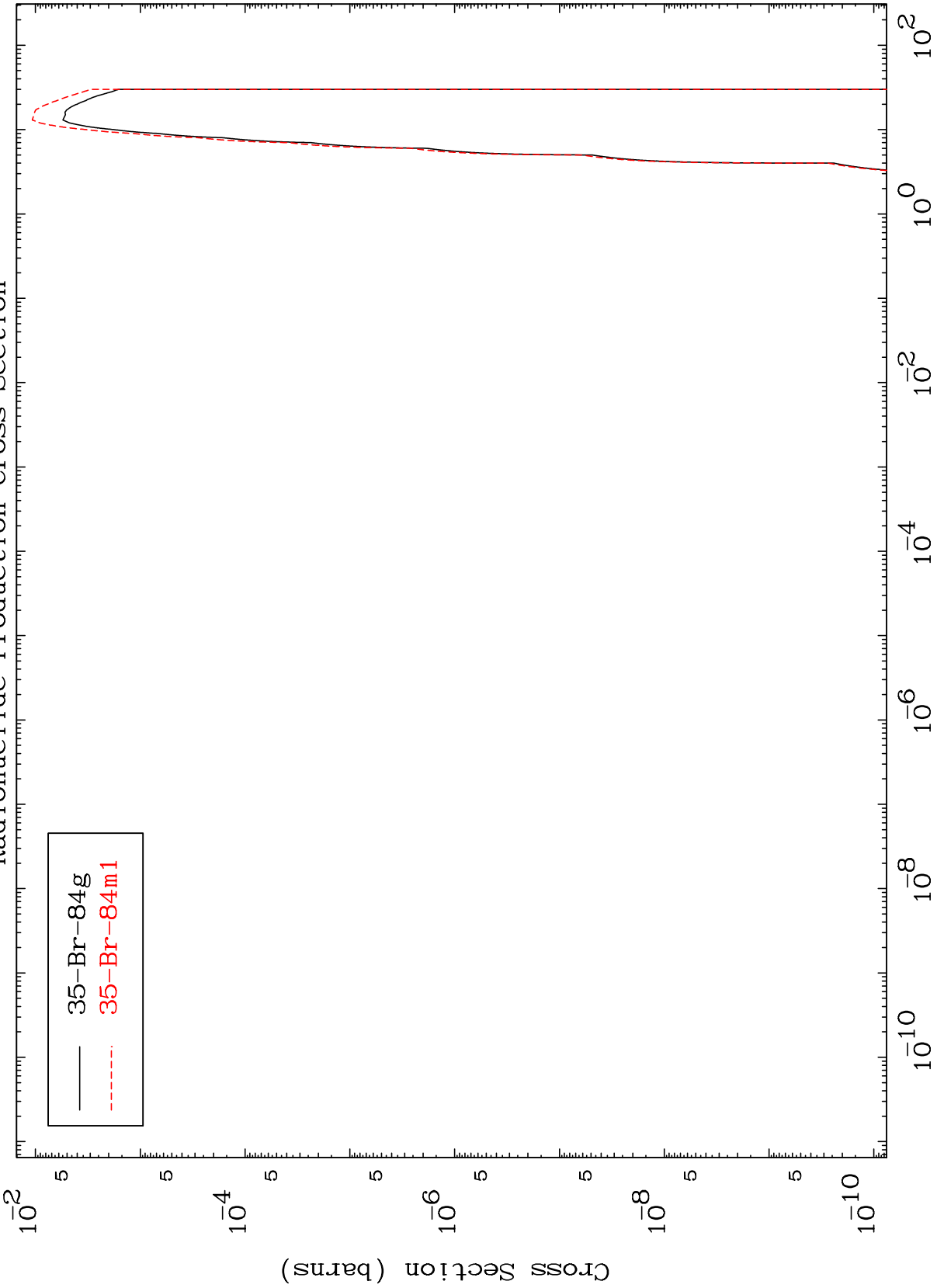
<sup>34</sup>Se-83

MAT 3453

(He-3,d)

34-Se-83

Radionuclide Production Cross Section



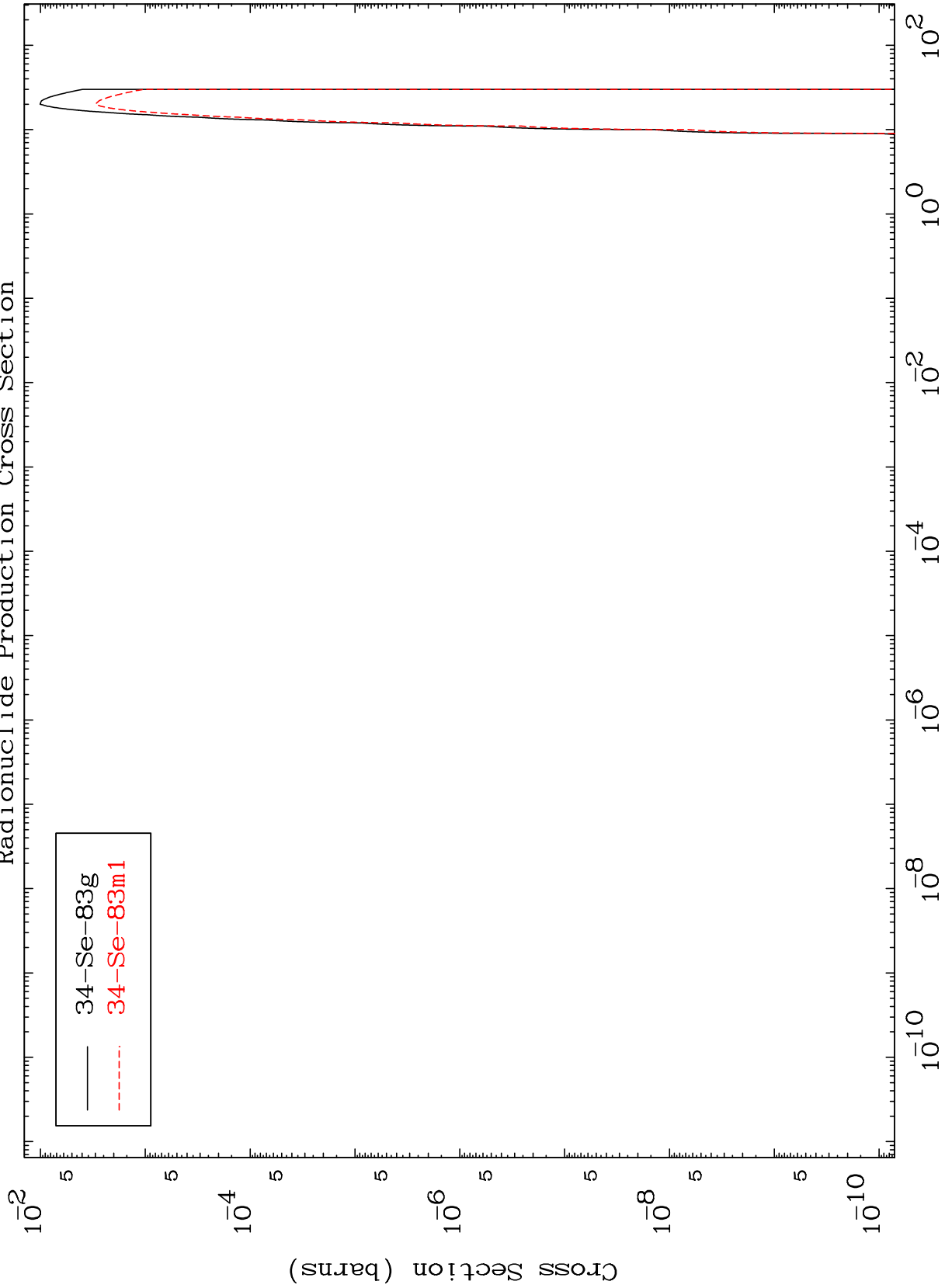
— 35-Br-84g  
- - - 35-Br-84m1

MAT 3453

(He-3, He-3)

34-Se-83

Radionuclide Production Cross Section



23

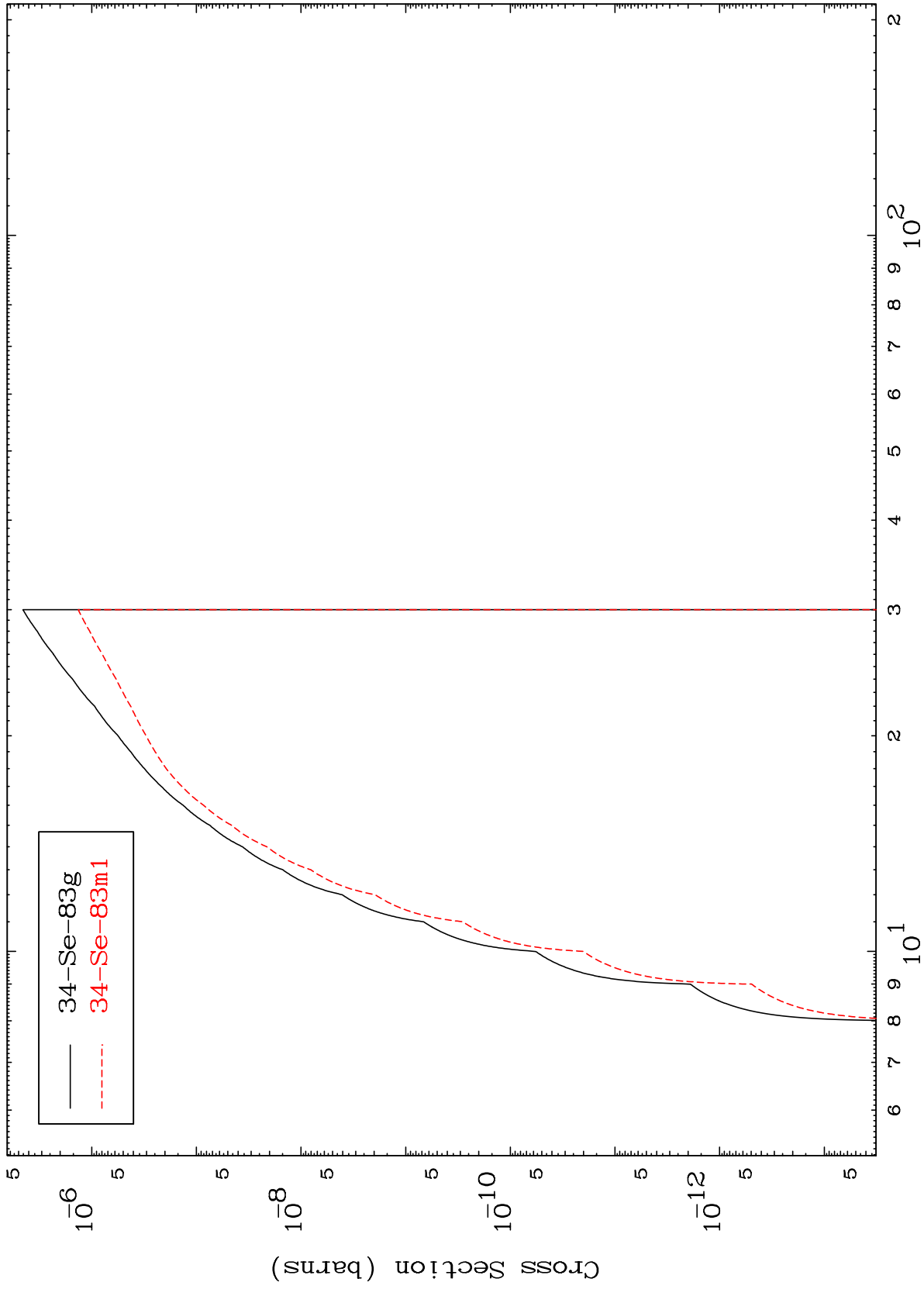
34-Se-83

MAT 3453

(He-3,p) d

34-Se-83

Radionuclide Production Cross Section



24

Incident Energy (MeV)

34-Se-83